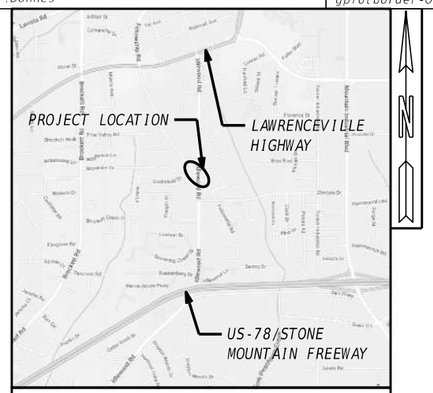
CITY OF TUCKER

PLAN AND PROFILE OF PROPOSED

IDLEWOOD ROAD AT FELLOWSHIP ROAD ROUNDABOUT

DEKALB COUNTY



LOCATION SKETCH N.T.S

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

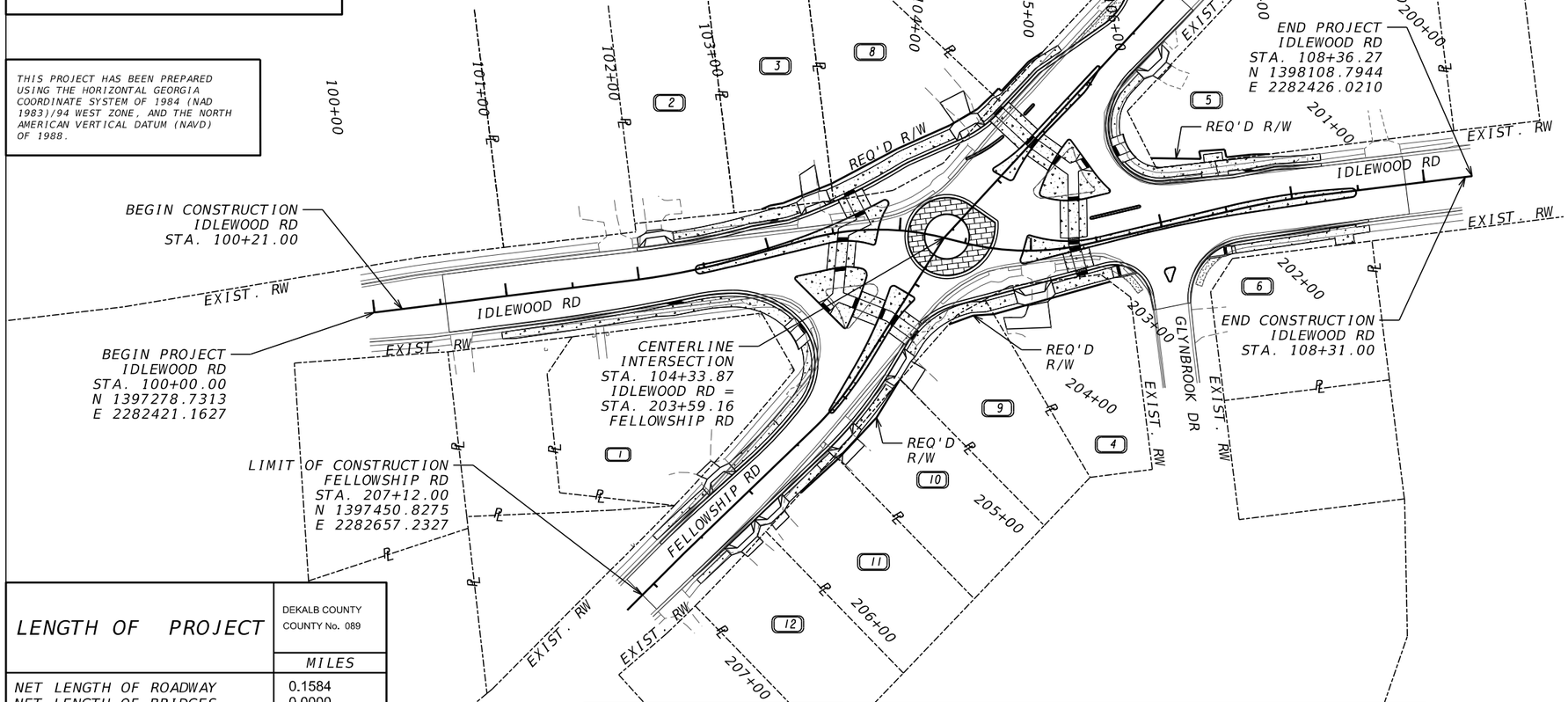
THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT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

FUNCTIONAL CLASS:
MAJOR COLLECTOR (IDLEWOOD RD)
MAJOR COLLECTOR (FELLOWSHIP RD)

THIS PROJECT IS 100% IN DEKALB COUNTY AND IS 100% IN CONG. DIST. NO. 004.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2025 CONSTRUCTION STANDARDS AND DETAILS BOOK AND ATTACHED APPLICABLE REVISIONS. THE 2025 CONSTRUCTION STANDARDS AND DETAILS BOOK IS AVAILABLE AT: http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx
ANY REVISIONS CONTAINED WITHIN THIS PLAN SET SUPERSEDE THE 2025 CONSTRUCTION STANDARDS AND DETAILS BOOK WHICH THEY REVISE OR IN WHICH THERE IS A CONFLICT.

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.



LENGTH OF PROJECT	DEKALB COUNTY COUNTY No. 089
	MILES
NET LENGTH OF ROADWAY	0.1584
NET LENGTH OF BRIDGES	0.0000
NET LENGTH OF PROJECT	0.1584
NET LENGTH OF EXCEPTIONS	0.0000
GROSS LENGTH OF PROJECT	0.1584

DESIGN DATA:	IDLEWOOD RD (NORTH)	IDLEWOOD RD (SOUTH)	FELLOWSHIP RD (EAST)	FELLOWSHIP RD (WEST)	ROUNDABOUT
DESIGN SPEED:	30 MPH	35 MPH	25 MPH	30 MPH	25 MPH

PLANS PREPARED BY :

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON

7/15/2025

SCALE IN FEET
0 50 100 200

PLANS COMPLETED	
REVISIONS	

DRAWING No.
01-0001

THE DRAWINGS AS LISTED BELOW
HAVE BEEN SIGNED AND SEALED BY

DARREN WILTON
PE No 039533

KIMLEY-HORN AND ASSOCIATES, INC.
SUITE 350, 3930 EAST JONES BRIDGE ROAD
PEACHTREE CORNERS, GA 30092
CERTIFICATE OF AUTHORIZATION #:PEF000379
CERTIFICATE OF AUTHORIZATION EXPIRATION DATE:06/30/2026

7/15/2025

DRAWING No.	DRAWING DESCRIPTION
01-0001	COVER DRAWING
01-0002	SIGNATURE DRAWING
02-0001	INDEX DRAWING
03-0001	REVISION SUMMARY DRAWING
04-0001 - 04-0002	GENERAL NOTES
05-0001 - 05-0005	TYPICAL SECTIONS
06-0001 - 06-0002	SUMMARY OF QUANTITIES
11-0001 - 11-0003	CONSTRUCTION LAYOUT
13-0001 - 13-0005	CONSTRUCTION PLAN
15-0001 - 15-0002	MAINLINE ROADWAY PROFILE
16-0001 - 16-0003	CROSSROAD PROFILE
17-0001	DRIVEWAY PROFILES
18-0001 - 18-0009	SPECIAL GRADING DRAWING
19-0001 - 19-0015	CONSTRUCTION STAGING DRAWINGS
22-0001 - 22-0002	DRAINAGE PROFILES
23-0001 - 23-0013	CROSS SECTIONS
24-0000 - 24-0005	UTILITY PLANS
25-0001 - 25-0004	LIGHTING PLANS AND DETAILS
26-0000 - 26-0006	SIGNING AND MARKING PLANS
27-0001 - 27-0002	SIGNAL PLANS
38-0001	SPECIAL CONSTRUCTION DETAIL
50-0001	EROSION CONTROL COVER DRAWING
51-0001 - 51-0011	EROSION, SEDIMENTATION AND POLLUTION CONTROL GENERAL NOTES DRAWING
53-0001	ESPCP DRAINAGE AREA MAP
54-0001 - 54-0020	BMP LOCATION DETAILS
55-0001	EROSION CONTROL WATERSHED MAP AND SITE MONITORING LOCATION

NOTE: DRAWINGS IN SECTIONS 40, 41, 52, AND 56
ARE GDOT STANDARDS AND DETAILS AND ARE NOT
COVERED BY THIS SIGNATURE AND SEAL. DRAWINGS
IN SECTION 38 CONTAIN GDOT SPECIAL DESIGN DETAILS
AND ARE NOT COVERED BY THIS SIGNATURE AND SEAL
UNLESS OTHERWISE LISTED IN THE ABOVE DRAWING LIST.

Kimley»Horn
Engineering, Planning, And Environmental Consultants
3930 East Jones Bridge Road, Suite 350
Peachtree Corners, Georgia 30092

NOT TO SCALE

REVISION DATES

SIGNATURE SHEET
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		01-0002
VERIFIED:		DATE:		

Drawing Number	Drawing Description	
01-0001	Cover Sheet	
01-0002	Signature Drawing	
02-0001	Index Drawing	
03-0001	Revision Summary Drawing	
04-0001 TO 04-0002	General Notes	
05-0001 TO 05-0005	Typical Sections	
06-0001 TO 06-0002	Summary of Quantities	
11-0001 TO 11-0003	Construction Layout	
13-0001 TO 13-0005	Construction Plan	
15-0001 TO 15-0002	Mainline Profile	
16-0001 TO 16-0003	Crossroad Profile	
17-0001	Driveway Profiles	
18-0001 TO 18-0009	Special Grading	
19-0001 TO 19-0015	Construction Staging Plans	
22-0001 TO 22-0002	Drainage Profiles	
23-0001 TO 23-0013	Earthwork Cross Sections	
24-0001 TO 24-0005	Utility Plans	
25-0001 TO 25-0004	Lighting Plans	
26-0001 TO 26-0006	Signing and Marking Plans	
27-0001 TO 27-0002	Signal Plans	
38-0001	Special Construction Details	

Erosion Control Plan		
50-0001	Erosion Control Cover Drawing	
51-0001 TO 51-0011	ESPCP General Notes	
52-0001	Const. Detail (EC-L1) - Erosion Control legend and Uniform Code Sheet (Sheet 1 of 7)	03-17
52-0002	Const. Detail (EC-L2) - Erosion Control legend and Uniform Code Sheet (Sheet 2 of 7)	11-18
52-0003	Const. Detail (EC-L3) - Erosion Control legend and Uniform Code Sheet (Sheet 3 of 7)	03-17
52-0004	Const. Detail (EC-L4) - Erosion Control legend and Uniform Code Sheet (Sheet 4 of 7)	03-17
52-0005	Const. Detail (EC-L5) - Erosion Control legend and Uniform Code Sheet (Sheet 5 of 7)	03-17
52-0006	Const. Detail (EC-L6) - Erosion Control legend and Uniform Code Sheet (Sheet 6 of 7)	11-18
52-0007	Const. Detail (EC-L7) - Erosion Control legend and Uniform Code Sheet (Sheet 7 of 7)	03-17
53-0001	ESPCP Drainage Area Map	
54-0001 TO 54-0020	BMP Location Details	
55-0001	EC Watershed Map-Site Monitoring Plan	
	Erosion Control Details	
56-0001	D-24A Temporary Silt Fence	09-22
56-0002	D-24C Temporary Silt Fence J-Hook, Inlet Sediment Traps	09-22
56-0003	D-41 Construction Exit	11-04
56-0004	D-54 Sod Installation	4-16
56-0005	D-55A Riprap Outlet Protection	4-16

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REVISION DATES

INDEX
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		02-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

DATE	DRAWING NO.	REVISION

DATE	DRAWING NO.	REVISION

Kimley»Horn
Engineering, Planning, And Environmental Consultants
3930 East Jones Bridge Road, Suite 350
Peachtree Corners, Georgia 30092

NOT TO SCALE

REVISION DATES

REVISION SUMMARY

IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		03-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

1. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS FOR ALL APPROPRIATE JURISDICTIONS.

2. ALL CONSTRUCTION OF UTILITIES TO BE SCHEDULED AND APPROVED BY THE OWNER PRIOR TO ANY DISRUPTION OF SERVICES.

3. THE CONTRACTOR IS TO VERIFY ALL LOCATIONS AND/OR TYPES OF UTILITIES NEAR THE PROJECT LIMITS BEFORE CONSTRUCTION BEGINS. ANY DAMAGE CAUSED BY THE CONTRACTOR'S PERSONNEL OR EQUIPMENT TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR TO OWNERS SPECIFICATIONS. SUCH DAMAGE SHALL BE THE CONTRACTORS EXPENSE TO PAY FOR ALL MATERIALS, LABOR, AND NECESSARY PERMITS.

4. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND INTO STORM STRUCTURES.

5. ALL SURFACE AREAS TO HAVE POSITIVE DRAINAGE AT THE CONCLUSION OF THE CONTRACT.

6. TOPS OF ALL EXISTING STRUCTURES THAT ARE TO REMAIN WITHIN THE AREA REQUIRING RE-GRADING SHALL BE RAISED OR LOWERED AS REQUIRED TO MEET NEW GRADES. PRIOR TO ANY ADJUSTMENT THE CONTRACTOR IS TO COORDINATE SUCH WORK WITH THE OWNER. THESE ADJUSTMENTS WILL BE INCLUDED IN THE CONTRACT BID PRICE.

7. APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING, GRADING, OR OTHER LAND DISTURBANCE ACTIVITY AND SHALL BE MAINTAINED IN ACCORDANCE TO CURRENT EDITION OF THE MANUAL OF EROSION AND SEDIMENT CONTROL IN GEORGIA.

8. 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 AN ENGINEERED FILL. SEE GDOT SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.

9. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED WILL BE PAVED BACK TO THE TIE IN POINT OR EXISTING RIGHT OF WAY, WHICHEVER IS GREATER. ALL DRIVEWAYS OVER 11% IN GRADE SHALL BE PAVED WITH CONCRETE. ALL OTHER DRIVEWAYS SHALL BE REPLACED AS FOLLOWS: ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT FOR EARTH / GRAVEL DRIVES. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHERWISE IN THE PLANS. COMMERCIAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. EXISTING DRIVEWAY LOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA; THE CONTRACTOR SHALL CONSTRUCT DRIVEWAYS TO MATCH THE LOCATION OF EXISTING DRIVEWAYS AT THE TIE IN POINT, IF APPLICABLE. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. DRIVES SHALL BE CONSTRUCTED USING:
   RESIDENTIAL:
      ASPHALT- 165 LB/SY RECYCLED ASPHALT CONC, 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
      - 6" GRADED AGGREGATE BASE CONCRETE- DRIVEWAY CONCRETE, 6 IN THICK
   COMMERCIAL:
      ASPHALT- 165 LB/SY RECYCLED ASPHALT CONC, 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
      - 220 LB/SY RECYCLED ASPHALT CONC, 19 MM SUPERPAVE, GP 1 OR 2 INCL BITUM MATL & H LIME
      - GRADED AGGREGATE BASE, 6" CONCRETE- DRIVEWAY CONCRETE, 8 IN THICK

10. THE METHOD OF UTILITY LOCATION IS SUE LEVEL B.

11. INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES.

12. THE COST OF REMOVAL OF EACH TEMPORARY DRAINAGE STRUCTURE IS INCLUDED IN THE BID PRICE FOR EACH ITEM. THE CONTRACTOR, WITH APPROVAL FROM THE ENGINEER, MAY ABANDON A TEMPORARY DRAINAGE STRUCTURE IF THE STRUCTURE IS FILLED WITH FLOWABLE FILL, WHICH WILL NOT BE PAID FOR SEPARATELY.

13. ALL RAMPS AND SIDEWALKS WITHIN RADII WILL BE CONSTRUCTED IN 8" CONCRETE.

14. THE REMOVAL AND RESETTING OF EXISTING SIGNS DURING STAGED CONSTRUCTION TO BE INCLUDED IN THE OVERALL BID PRICE FOR TRAFFIC CONTROL.

15. POST-CONSTRUCTION STORMWATER BMPS ARE NOT INCLUDED IN THIS PROJECT.

16. THE CONTRACTOR IS TO SAWCUT THE EDGES OF PAVEMENT TO PROVIDE SMOOTH EDGES THROUGHOUT THE PROJECT. COST WILL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.

17. ALL EXISTING PIPES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS. THE COST FOR REMOVAL WILL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.

18. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION-RELATED ACTIVITIES (SUCH AS THE USE OF EASEMENTS, STAGING, CONSTRUCTION, VEHICULAR USE, BORROW OR WASTE ACTIVITIES, SEDIMENT BASINS, TRAILER PLACEMENT, ETC.) OCCUR IN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES TO REMAIN IN THE RIGHT OF WAY. THIS DOES NOT APPLY TO THE TREES WITHIN THE CONSTRUCTION LIMITS OR LIMITS OF DISTURBANCE THAT WILL BE REMOVED OR DESTROYED TO ALLOW FOR CONSTRUCTION.

19. ANY VERTICAL CONSTRUCTION EQUIPMENT, SUCH AS CRANES, IN EXCESS OF 200 FEET ABOVE ROADWAY ELEVATION MUST BE EVALUATED BY THE FAA. EVALUATION BY FILING OF "NOTICE OF PROPOSED CONSTRUCTION" FAA FORM 7460-1 MUST BE ACCOMPLISHED NOT EARLIER THAN 18 MONTHS AND NOT LATER THAN 120 DAYS PRIOR TO CONSTRUCTION.

20. TWO (2) WEEKS PRIOR TO OPENING ROUNDABOUTS, THE CONTRACTOR SHALL INFORM THE TRAVELING PUBLIC OF THE UPCOMING CHANGE USING PORTABLE CHANGEABLE MESSAGE SIGNS, READING ALTERNATIVELY "NEW CONTROL/YIELD AHEAD".

21. THE CONTRACTOR SHALL INFORM APPROPRIATE UTILITY COMPANY, IN WRITING, OF THE DATE WHEN THE COST FOR MAINTAINING POWER TO THE LIGHTING OF THE PROJECT IS TO BE TRANSFERRED FROM THE RESPONSIBILITY OF THE CONTRACTOR TO THE GOVERNING PARTY.

22. ALL CUT AND FILL SLOPES SHALL BE GRASSED AS DIRECTED BY THE ENGINEER IMMEDIATELY AFTER THE SLOPES ARE ESTABLISHED IN ORDER TO REDUCE EROSION. IF THE SEASON DOES NOT PERMIT GRASSING, TEMPORARY MULCH SHALL BE USED AS DIRECTED BY THE ENGINEER. REFER TO SECTION 161 OF THE STANDARD SPECIFICATIONS.

23. THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADED AS REQUIRED BY THE ENGINEER EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.

24. ALL SILT FENCES MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT FENCE INSTALLATION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SILT FENCES AND TO REPAIR OR REPLACE ANY SILT FENCE THAT IS NOT SATISFACTORY. EROSION CONTROL CHECK DAMS SHALL BE PLACED IMMEDIATELY AFTER DRAINAGE STRUCTURES ARE IN PLACE. ALL EROSION CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER. SEE THE GADOT STANDARD SPECIFICATION REGARDING EROSION CONTROL AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL BY G.S.W.C.C. THE CONTRACTOR SHALL OBTAIN AND ABIDE BY ALL CORPS OF ENGINEERS RULES AND REGULATIONS CONCERNING CONSTRUCTION ADJACENT TO WATERWAYS AND MAINTAIN WATER QUALITY.

25. DURING EXCAVATION FOR PROPOSED UTILITIES AND FOUNDATIONS, THE CONTRACTOR SHALL TAKE CARE TO NOT DISTURB ADJACENT EXISTING STRUCTURES AND FOUNDATIONS. IF REQUIRED THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ANY PROPOSED TEMPORARY SHORING. ANY PROPOSED SHORING SHALL BE SUBMITTED TO THE REQUIRED STAKEHOLDERS FOR REVIEW AND APPROVAL, PRIOR TO INSTALLATION OF TEMPORARY SHORING. CONTRACTOR SHALL DOCUMENT THE CONDITIONS OF THE EXISTING STRUCTURES BEFORE AND AFTER CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE STAKEHOLDERS.

26. THE CONTRACTOR SHALL FIELD LOCATE SEPTIC SYSTEM ON PARCEL 7 PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES. PAYMENT AND COST FOR THIS WORK TO BE INCLUDED IN COST BID FOR GRADING COMPLETE.

27. IF ANY UNDERGROUND UTILITIES ARE DISTURBED ON PARCEL 11 DURING THE PROJECT CONSTRUCTION PERIOD, THEY WILL BE REPAIRED BY THE CITY OF TUCKER'S SELECTED CONTRACTOR AT NO COST TO THE PROPERTY OWNER.

28. ALL LANDSCAPING QUANTITIES INCLUDED IN THE PLANS SHALL BE INSTALLED ACCORDING TO GDOT DETAIL RA-1 WITH THE EXCEPTION OF LIRIOPE MUSCARI WHICH SHALL BE INSTALLED AT MAX 1.5-FEET O.C. SPACING INSTEAD OF 3-FEET O.C.

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WATER	DEKALB COUNTY
SEWER	DEKALB COUNTY

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

N.T.S

REVISION DATES

GENERAL NOTES
IDLEWOOD RD AT SARR PKWY

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

GPLN-CE
11/05/2020

GENERAL NOTES - STANDARD SIGNS

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA 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 CITY OF CHAMBLEE

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 SIDEWALK IS PROPOSED OR EXISTING, THE SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE SIDEWALK.

4a. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS 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).

4b. WHEN GUARDRAIL IS PRESENT OR BEING PROPOSED, SIGNS SHALL BE POSTED 2 FT BEHIND GUARDRAIL.

5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.

6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.

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

8. 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.

9. 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).

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

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

13. 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.

MAINTENANCE OF TRAFFIC

1. ALL ITEMS NECESSARY FOR COMPLIANCE WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL, LUMP SUM.

2. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND STANDARD HIGHWAY SIGNS, (LATEST EDITIONS).

3. ALL TEMPORARY SIGNS SHALL HAVE HIGH INTENSITY REFLECTORIZED SHEETING ON METAL SIGN PANELS. PLYWOOD SIGN PANELS ARE PROHIBITED.

4. IN RESIDENTIAL AREAS SIGNS SHALL BE LOCATED ON, OR AS CLOSE AS POSSIBLE TO, PROPERTY LINES.

5. EXISTING TRAFFIC SIGNS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. MAINTENANCE INCLUDES REPLACING DAMAGED AND STOLEN SIGNS, AND PERIODIC CLEANING OF EXISTING SIGNS, BARRELS, AND OTHER CONSTRUCTION RELATED TRAFFIC CONTROL DEVICES.

6. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TRAFFIC SHIFTS SHALL BE OBLITERATED BY THE CONTRACTOR BY GRINDING OR PAVING OVER. "BLACK OUT" PAINT IS PROHIBITED.

7. ONLY REFLECTORIZED PLASTIC DRUMS AND TEMPORARY CONCRETE BARRIERS SHALL BE USED ADJACENT TO TRAVEL LANES. TYPE I AND TYPE II BARRICADES AND CONES SHALL NOT BE USED.

8. ALL REFLECTORIZED PLASTIC DRUMS AND TEMPORARY CONCRETE BARRIERS SHALL BE PLACED A MINIMUM OF 2 FEET (0.6 M) FROM THE EDGE OF THE TRAVEL LANES UNLESS PRIOR APPROVAL IS GRANTED BY THE DEPARTMENT OF TRANSPORTATION.

9. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO DRIVEWAYS AT ALL TIMES.

10. ALL TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED BY THE CONTRACTOR SO AS TO NOT INTERFERE WITH SIGHT DISTANCE ALONG ANY ADJACENT SIDE ROAD OR DRIVEWAY.

11. REFLECTORIZED DRUMS SHALL BE PROVIDED FOR CHANNELIZATION OF TRAFFIC IN ALL TRAFFIC SHIFTS. MAXIMUM SPACING EQUALS THE DESIGN SPEED LIMIT FOR THE TAPER.

12. THE CITY OF TUCKER RESERVES THE RIGHT TO MODIFY THIS MAINTENANCE OF TRAFFIC PLAN AS FIELD CONDITIONS WARRANT. IF ADDITIONAL TRAFFIC CONTROL DEVICES ARE REQUIRED THESE SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE CITY.

13. ALL M4-9 SIGNS SHALL HAVE ADVISORY BLADES INSTALLED BELOW THE "DETOUR" SIGN IDENTIFYING THE CLOSED STREET THAT THE DETOUR ROUTE SERVES.

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jonies Bridge Road
Peachtree Corners, Georgia 30092

N.T.S

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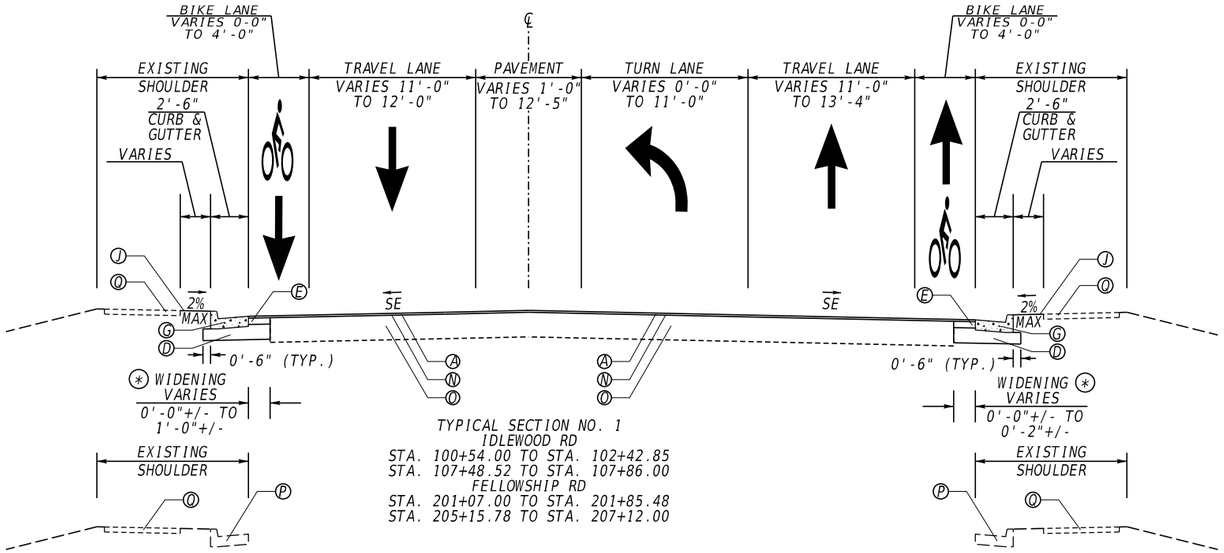
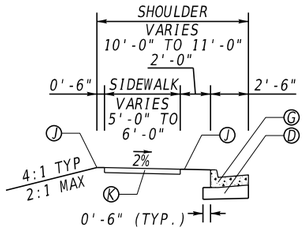
- Ⓐ RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
- Ⓑ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LB/SY)
- Ⓒ RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LB/SY)
- Ⓓ GR AGGR BASE CRS, INCL MATL (10")
- Ⓔ CLASS B CONCRETE WIDENING, SEE DETAIL ON SHEET 5-0005
- Ⓕ PLAIN PC CONC PVMT, CL 3 CONC, 10 INCH THK, COLORED AND STAMPED WITH FEDERAL COLOR #31136 INSIGNIA RED
- Ⓖ CONC CURB & GUTTER, 8 IN X 30 IN, TP 2
- Ⓗ CONC CURB & GUTTER, 8 IN X 30 IN, TP 9
- Ⓘ MONOLITHIC MEDIAN, 7 1/2 IN, TP 7 CURB FACE (GA. STD. 9032B) (KEYED IN)
- Ⓙ SOD
- Ⓚ CONCRETE SIDEWALK, 4 IN
- Ⓛ PVMT REINF FABRIC STRIPS, TP 2, 18 IN WIDTH
- Ⓜ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME
- Ⓝ MILL ASPH CONC PVMT, 1.5 INCH DEPTH
- Ⓞ EXISTING PAVEMENT
- Ⓟ EXISTING CURB & GUTTER
- Ⓠ EXISTING SIDEWALK
- Ⓡ MONOLITHIC HEADER CURB, TP 1



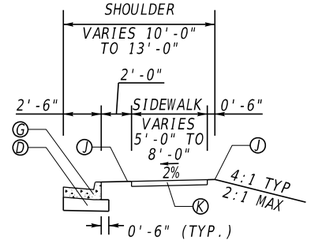
TYPICAL SECTION NO. 1
IDLEWOOD RD
STA. 100+54.00 TO STA. 102+42.85
STA. 107+48.52 TO STA. 107+86.00
FELLOWSHIP RD
STA. 201+07.00 TO STA. 201+85.48
STA. 205+15.78 TO STA. 207+12.00

APPLIES
STA. 100+54.00 TO STA. 102+01.75
STA. 107+48.52 TO STA. 107+86.00
STA. 206+75.00 TO STA. 207+12.40

APPLIES
STA. 107+55.00 TO STA. 107+86.00
STA. 206+75.00 TO STA. 207+12.00



APPLIES
STA. 102+01.75 TO STA. 102+42.85
STA. 201+69.38 TO STA. 201+85.48
STA. 205+15.78 TO STA. 206+75.00



APPLIES
STA. 100+93.00 TO STA. 102+42.85
STA. 107+48.52 TO STA. 107+55.00
STA. 205+15.78 TO STA. 206+75.00

(*) USE CLASS "B" CONCRETE WHEN WIDENING LESS THAN 5'-0" SEE DETAIL ON SHEET 5-0005

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Peachtree Corners, Georgia 30092

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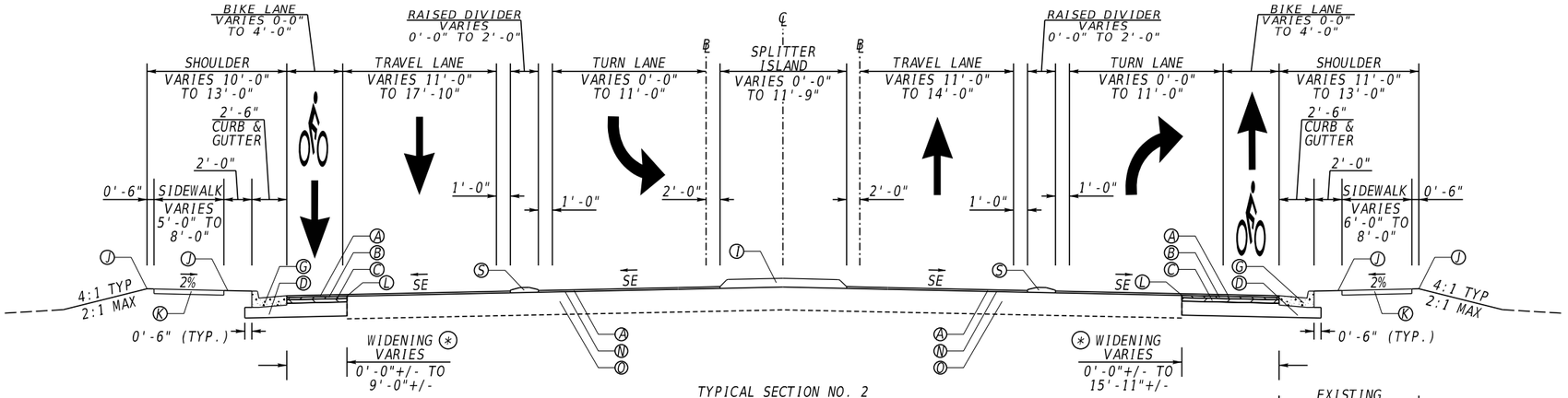
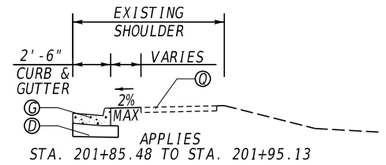
REVISION DATES

TYPICAL SECTIONS
IDLEWOOD RD AT FELLOWSHIP RD

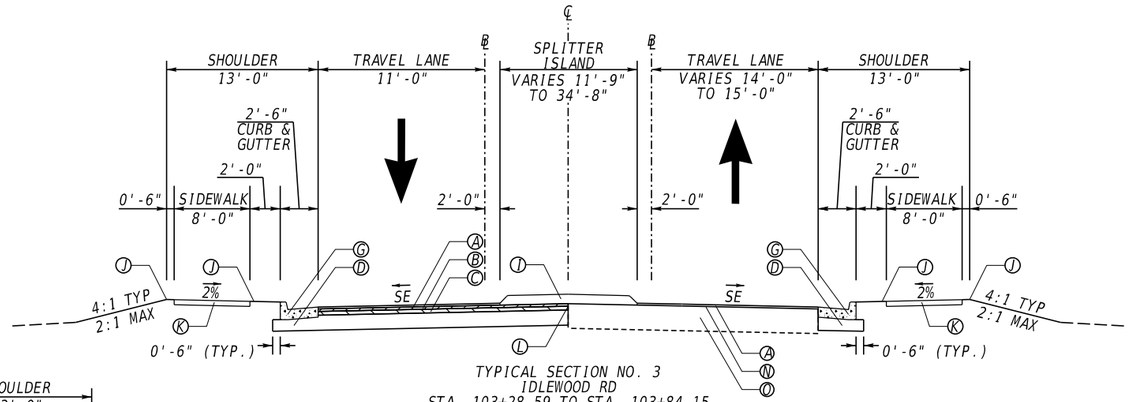
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		



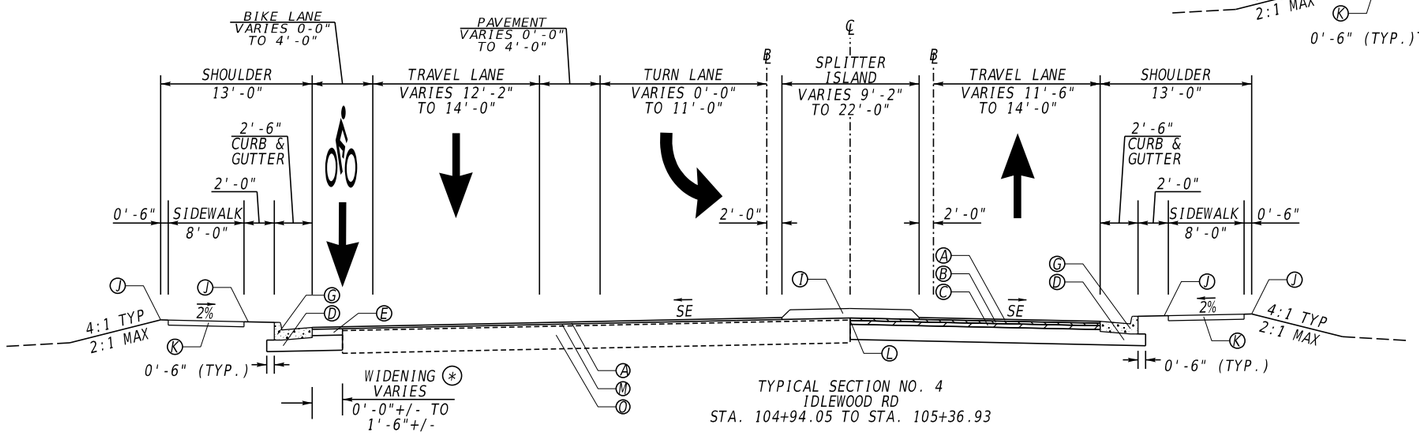
TYPICAL SECTION NO. 2
IDLEWOOD RD
STA. 102+42.85 TO STA. 103+28.59
STA. 105+48.90 TO STA. 107+48.52
FELLOWSHIP RD
STA. 201+85.48 TO STA. 202+96.00
STA. 205+04.99 TO STA. 205+15.78



APPLIES
STA. 201+85.48 TO STA. 201+95.13



TYPICAL SECTION NO. 3
IDLEWOOD RD
STA. 103+28.59 TO STA. 103+84.15



TYPICAL SECTION NO. 4
IDLEWOOD RD
STA. 104+94.05 TO STA. 105+36.93

(A) RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
(B) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LB/SY)
(C) RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LB/SY)
(D) GR AGGR BASE CRS, INCL MATL (10")
(E) CLASS B CONCRETE WIDENING, SEE DETAIL ON SHEET 5-0005
(F) PLAIN PC CONC PVMT, CL 3 CONC, 10 INCH THK, COLORED AND STAMPED WITH FEDERAL COLOR #31136 INSIGNIA RED
(G) CONC CURB & GUTTER, 8 IN X 30 IN, TP 2
(H) CONC CURB & GUTTER, 8 IN X 30 IN, TP 9
(I) MONOLITHIC MEDIAN, 7 1/2 IN, TP 7 CURB FACE (GA. STD. 9032B) (KEYED IN)
(J) SOD
(K) CONCRETE SIDEWALK, 4 IN
(L) PVMT REINF FABRIC STRIPS, TP 2, 18 IN WIDTH
(M) RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME
(N) MILL ASPH CONC PVMT, VARIABLE DEPTH
(O) EXISTING PAVEMENT
(P) EXISTING CURB & GUTTER
(Q) EXISTING SIDEWALK
(R) MONOLITHIC HEADER CURB, TP 1
(S) MONOLITHIC INTEGRAL CONCRETE MEDIAN, TP 9 CURB FACE

(*) USE CLASS "B" CONCRETE WHEN WIDENING LESS THAN 5'-0" SEE DETAIL ON SHEET 5-0005

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REVISION DATES

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GPLN-CE
11/05/2020

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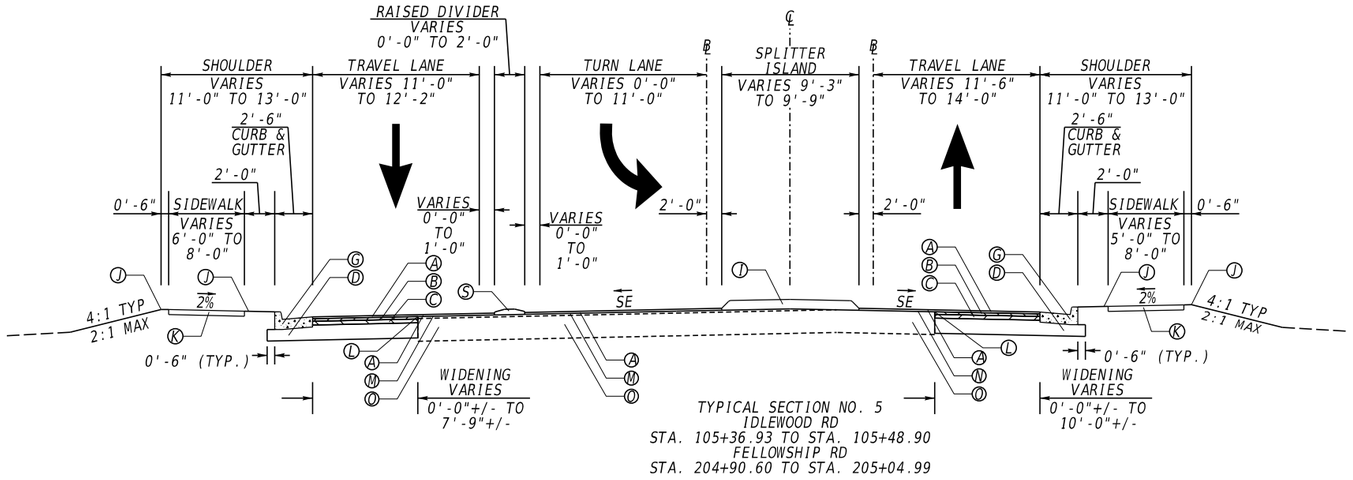
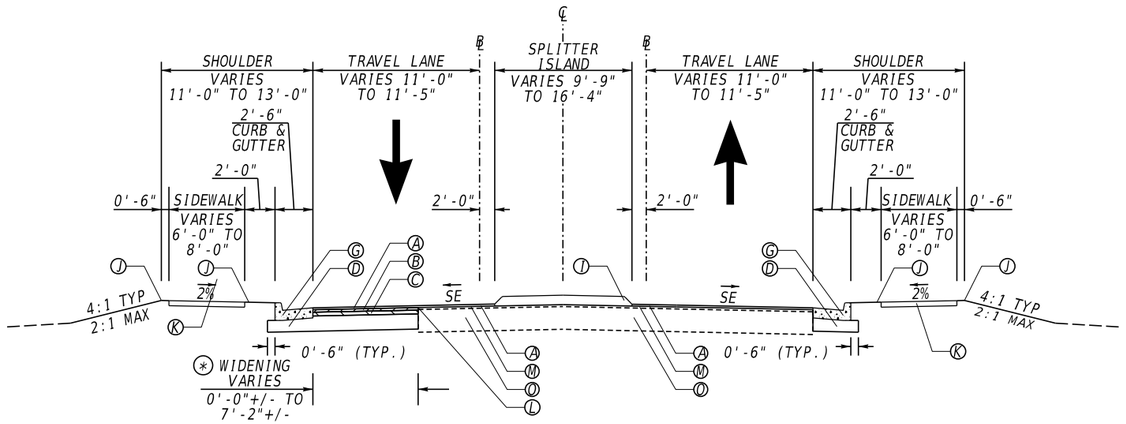


TYPICAL SECTION NO. 5
IDLEWOOD RD
STA. 105+36.93 TO STA. 105+48.90
FELLOWSHIP RD
STA. 204+90.60 TO STA. 205+04.99



TYPICAL SECTION NO. 6
FELLOWSHIP RD
STA. 204+08.78 TO STA. 204+90.60

Ⓐ RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
Ⓑ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LB/SY)
Ⓒ RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LB/SY)
Ⓓ GR AGGR BASE CRS, INCL MATL (10")
Ⓔ CLASS B CONCRETE WIDENING, SEE DETAIL ON SHEET 5-0005
Ⓕ PLAIN PC CONC PVMT, CL 3 CONC, 10 INCH THK, COLORED AND STAMPED WITH FEDERAL COLOR #31136 INSIGNIA RED
Ⓖ CONC CURB & GUTTER, 8 IN X 30 IN, TP 2
Ⓗ CONC CURB & GUTTER, 8 IN X 30 IN, TP 9
Ⓘ MONOLITHIC MEDIAN, 7 1/2 IN, TP 7 CURB FACE (GA. STD. 9032B) (KEYED IN)
Ⓙ SOD
Ⓚ CONCRETE SIDEWALK, 4 IN
Ⓛ PVMT REINF FABRIC STRIPS, TP 2, 18 IN WIDTH
Ⓜ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME
Ⓝ MILL ASPH CONC PVMT, VARIABLE DEPTH
Ⓞ EXISTING PAVEMENT
Ⓟ EXISTING CURB & GUTTER
Ⓠ EXISTING SIDEWALK
Ⓡ MONOLITHIC HEADER CURB, TP 1
Ⓢ MONOLITHIC INTEGRAL CONCRETE MEDIAN, TP 9 CURB FACE

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VERIFIED:		DATE:		

Ⓐ RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
Ⓑ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LB/SY)
Ⓒ RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LB/SY)
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Ⓕ PLAIN PC CONC PVMT, CL 3 CONC, 10 INCH THK, COLORED AND STAMPED WITH FEDERAL COLOR #31136 INSIGNIA RED
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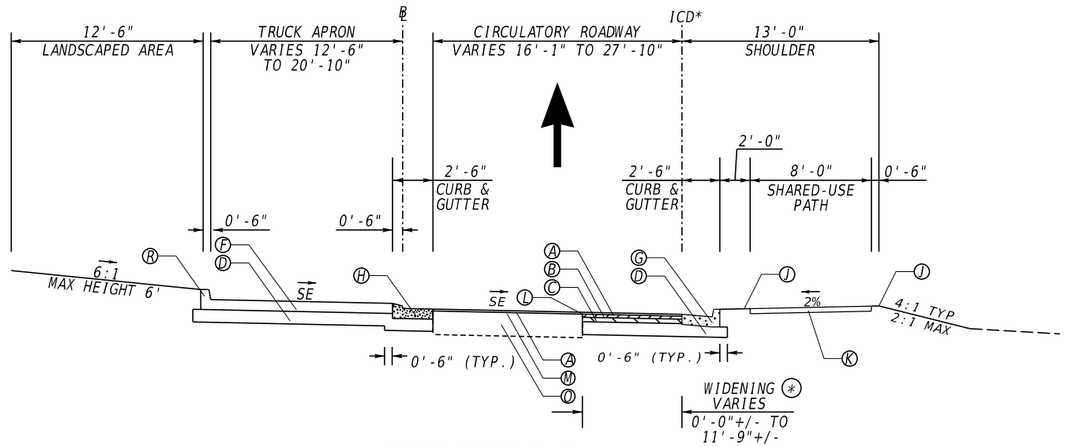
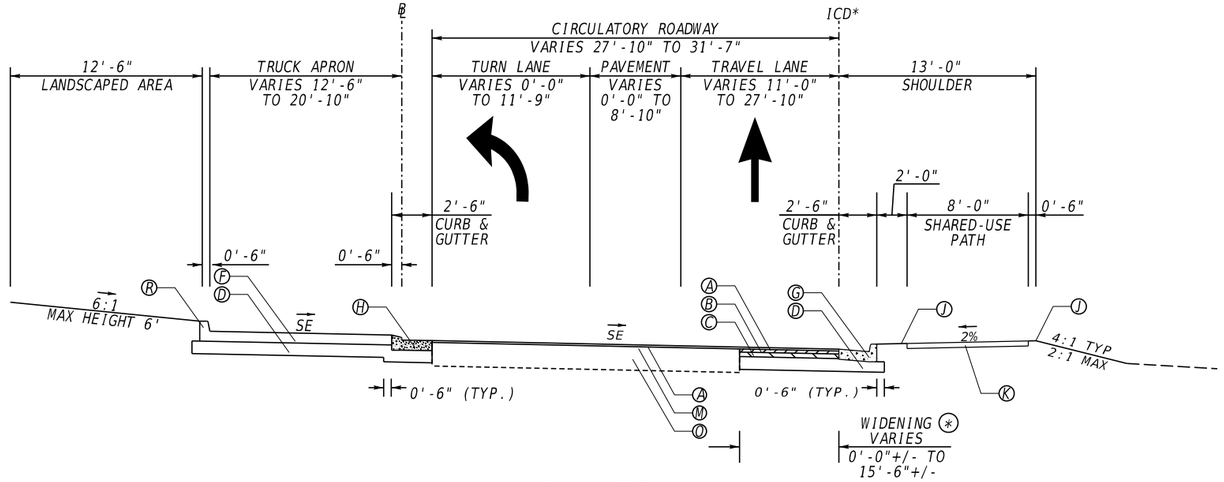
Ⓙ SOD
Ⓚ CONCRETE SIDEWALK, 4 IN
Ⓛ PVMT REINF FABRIC STRIPS, TP 2, 18 IN WIDTH
Ⓜ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME
Ⓝ MILL ASPH CONC PVMT, VARIABLE DEPTH
Ⓞ EXISTING PAVEMENT
Ⓟ EXISTING CURB & GUTTER
Ⓠ EXISTING SIDEWALK
Ⓡ MONOLITHIC HEADER CURB, TP 1



TYPICAL SECTION NO. 7
CIRCULATORY ROADWAY
STA. 300+00.00 TO STA. 300+72.39
STA. 301+45.04 TO STA. 301+94.91



TYPICAL SECTION NO. 8
CIRCULATORY ROADWAY
STA. 300+72.39 TO STA. 301+45.04

⊛ USE CLASS "B" CONCRETE WHEN WIDENING LESS THAN 5'-0"
SEE DETAIL ON SHEET 5-0005

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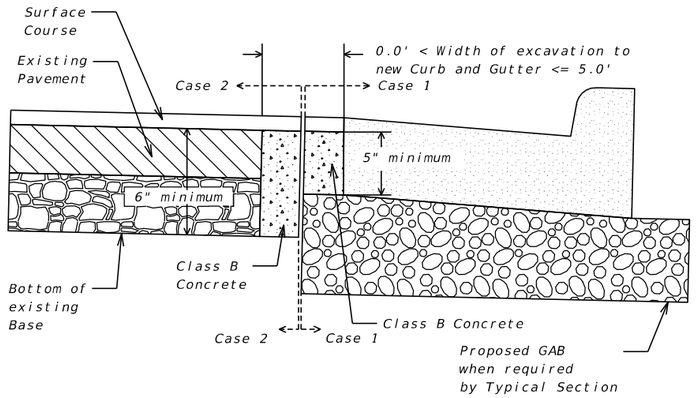
11/05/2020



NO SCALE

CLASS "B" CONCRETE BASE FOR PAVEMENT WIDENING

Item Code 500-9999 - CY Unit of Measure

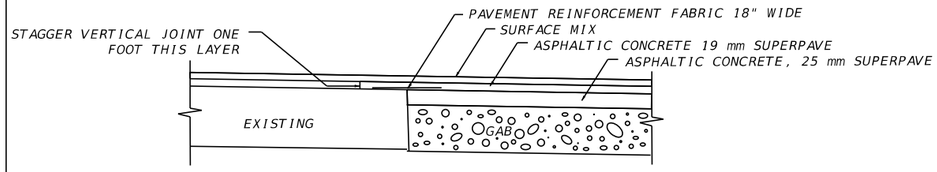
Case 1:
Where GAB is required under the new Curb and Gutter and the depth of proposed paving between the top of the GAB and the bottom of the surface course is 5 inches or greater, Class B concrete shall be placed in lieu of the paving between the GAB and surface courses specified by the typical section.

Case 2:
Where GAB is not required under the new Curb and Gutter and/or the depth of proposed paving between the top of the Base and the bottom of the surface course is less than 5 inches, Class B concrete shall be placed beneath the proposed surface course to the depth of either the bottom of the existing base course, the bottom of the Base specified by the typical section, or to a depth of 6 inches: whichever is greater.

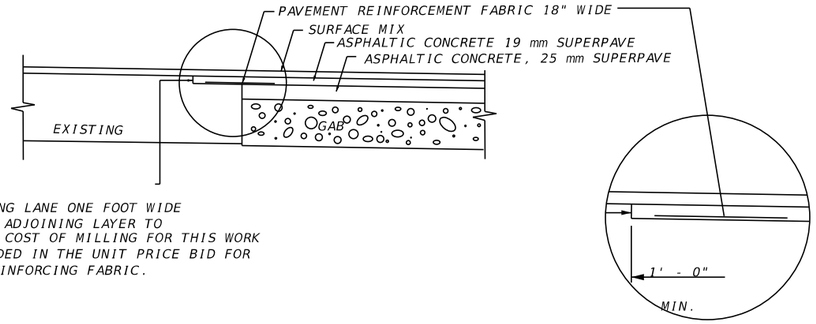
CLASS "B" CONCRETE BASE FOR WIDENING DETAIL

PAVEMENT FABRIC STRIP DETAIL

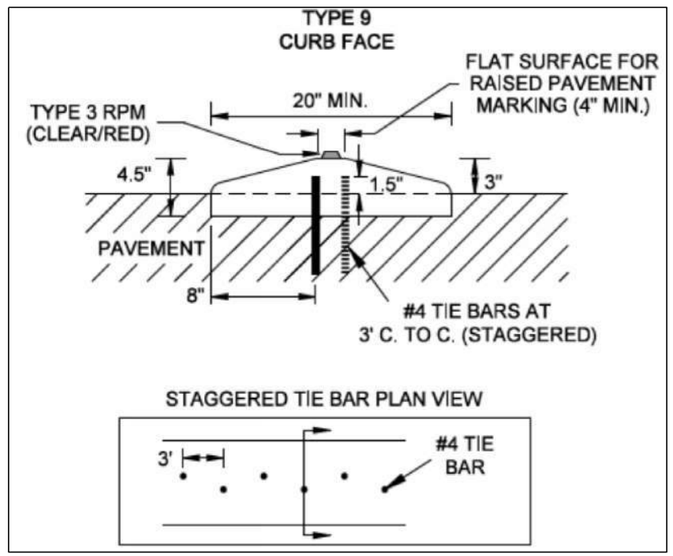
TYPICAL SECTION DETAIL TO BE USED WHEN
EXISTING PAVEMENT IS TO BE RESURFACED WITH
TWO INCHES OR MORE OF ASPHALTIC CONCRETE

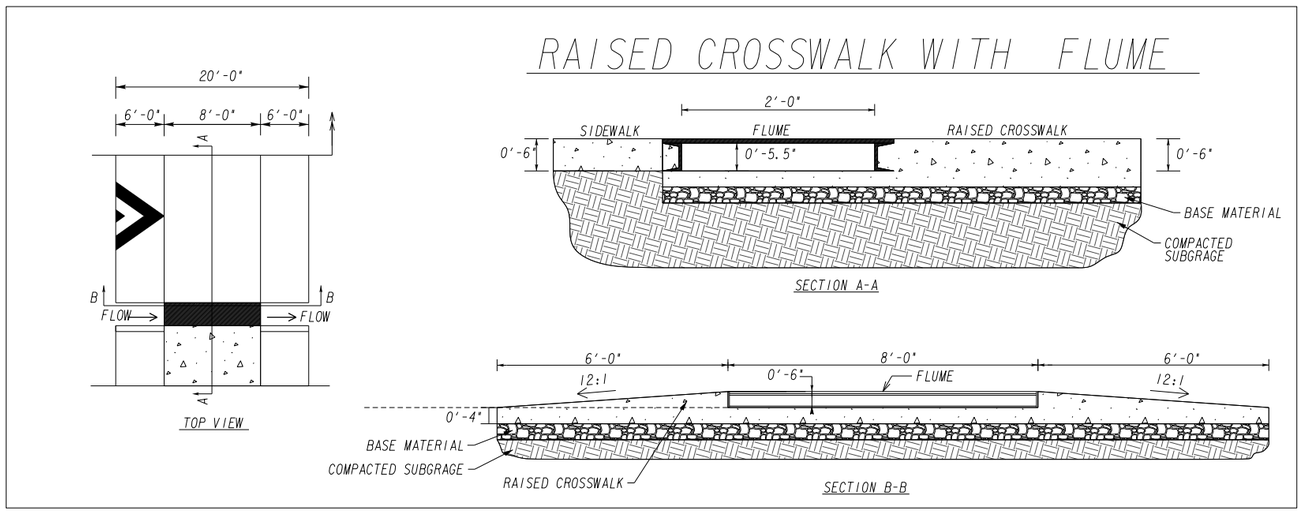


TYPICAL SECTION DETAIL TO BE USED WHEN
EXISTING PAVEMENT IS TO BE RESURFACED WITH
LESS THAN TWO INCHES OF ASPHALTIC CONCRETE



MILL EXISTING LANE ONE FOOT WIDE TO DEPTH OF ADJOINING LAYER TO BE PLACED. COST OF MILLING FOR THIS WORK TO BE INCLUDED IN THE UNIT PRICE BID FOR PAVEMENT REINFORCING FABRIC.





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LUMP SUM ITEMS			
ITEM	PAY ITEM	UNIT	QUANTITY
TRAFFIC CONTROL	150-1000	LS	1
GRADING COMPLETE	210-0100	LS	1

PAVING QUANTITIES											
ITEM	PAY ITEM	UNIT	Idlewood Rd N	Idlewood Rd S	Fellowship Rd N	Fellowship Rd S	RT Bypass NW	RT Bypass SE	Circulatory Rdwy	AS DIRECTED (5%)	TOTALS
GR AGGR BASE CRS, INCL MATL	310-1101	TN	153	174	88	155	78	75	383	55	1161
RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	402-1812	TN	71	0	0	0	1	2	3	4	81
RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	402-3121	TN	24	38	13	22	21	18	70	10	216
RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	402-3190	TN	12	19	7	11	11	9	35	5	109
RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL POLYMER-MODIFIED BITUM MATL & H LIME	402-4510	TN	126	115	74	91	14	16	65	25	526
TACK COAT	413-0750	GL	114	110	67	84	19	19	77	25	515
MILL ASPH CONC PVMT, VARIABLE DEPTH	432-5010	SY	1386	1392	926	715	203	259	240	0	5377
PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	446-1100	LF	27	46	105	142	0	43	137	51	1080
CLASS B CONC	500-3200	CY	5	3	3	6	2	2	1	1	23

Location	Type	Class	Width	Area (Sq Ft)	Area (Sq Yd)	VG Area (Sq Ft)	Driveway Concrete, 6 in Tk	Conc Valley Gutter, 6 in
							SY	SY
							441-0016	441-4020
102+18	CONCRETE	RESIDENTIAL	14	91.28	10.14	255.03	11	29
103+40	CONCRETE	RESIDENTIAL	14	243.68	27.08	269.17	28	30
105+05	CONCRETE	RESIDENTIAL	14	449.91	49.99	386.78	50	43
201+56	CONCRETE	RESIDENTIAL	14	71.00	7.89	312.78	8	35
203+04	CONCRETE	RESIDENTIAL	14	305.78	33.98	298.72	34	34
204+58	CONCRETE	RESIDENTIAL	18	227.93	25.33	271.74	26	31
205+24	CONCRETE	RESIDENTIAL	14	152.94	16.99	249.61	17	28
205+98	CONCRETE	RESIDENTIAL	14	83.42	9.27	258.73	10	29
206+10	CONCRETE	RESIDENTIAL	14	114.57	12.73	252.50	13	29
206+28	CONCRETE	RESIDENTIAL	18	100.95	11.22	285.24	12	32
TOTALS							209	320

TEMPORARY EROSION CONTROL QUANTITIES			
ITEM	PAY ITEM	UNIT	QUANTITY
163-0240	MULCH	TN	21
163-0232	TEMPORARY GRASSING	AC	1
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	2043
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE - TP A	LF	2043
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA (PER EACH)	EA	1
163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXITS	EA	1
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	1
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	33
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	33

PERMANENT EROSION CONTROL QUANTITIES			
ITEM	PAY ITEM	UNIT	QUANTITY
PERMANENT GRASSING	700-6910	AC	1
AGRICULTURAL LIME	700-7000	TN	2
FERTILIZER MIXED GRADE	700-8000	TN	1
FERTILIZER NITROGEN CONTENT	700-8100	LB	44
SOD	700-9300	SY	772

LANDSCAPING QUANTITIES			
PAY ITEM	ITEM	UNIT	QUANTITY
701-0010	WILDFLOWER SEEDING	AC	1
702-0559	LIRIOPE MUSCARI -	EA	315
702-0950	RHODODENDRON X ENCORE -	EA	168
702-0542	CERCIS CANADENSIS - 6' CLEAR TRUNK AT INSTALL	EA	3
702-9005	SPRING APPLICATION FERTILIZER	LB	1
702-9025	LANDSCAPE MULCH	SY	96

PAVING QUANTITIES			
ITEM	PAY ITEM	UNIT	QUANTITY
RIGHT OF WAY MARKERS	634-1200	EA	31
PLAIN PC CONC PVMT, CL 3 CONC, 10 INCH THK	439-0022	SY	216
CONC SIDEWALK, 4 IN	441-0104	SY	722
CONC SIDEWALK, 8 IN	441-0108	SY	223
CONCRETE MEDIAN, 7 1/2 INCH	441-0754	SY	975
CONCRETE HEADER CURB, 4 IN, TP 1	441-5001	LF	107
CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	441-6222	LF	1,863
CONC CURB & GUTTER, 8 IN X 32 IN, TP 9	441-6743	LF	195
CURB CUT WHEELCHAIR RAMP, TYPE A	441-7011	EA	2
CURB CUT WHEELCHAIR RAMP, TYPE B	441-7012	EA	2
CURB CUT WHEELCHAIR RAMP, TYPE D	441-7014	EA	3
RAISED CROSSWALK WITH FLUME	441-9000	EA	10
DETECTABLE WARNING SURFACE	999-5200	SF	286

DRAINAGE QUANTITIES

STRUCTURE NUMBER	LOCATION	ALLOWABLE PIPE MATERIALS (STORM DRAIN)	ADJUST CATCH BASIN TO GRADE	DROP INLET, GA STD, 1019 A TP D	DROP INLET, ADDITIONAL DEPTH, GA STD, 1019 A TP D	DROP INLET, GA STD, 1019 A TP E	RECONST EXIST CATCH BASIN TO MANHOLE	RECONST EXIST DROP INLET TO MANHOLE	CATCH BASIN, GA STD, 1033 D
		LF							
		18"	EA	EA	EA	EA	EA	EA	EA
		CLASS III							
		550-5180	611-8000	668-2100	668-2110	668-2100	611-3000	611-3010	668-1100
A-1	STA. 105+53.00, 18.30' RT	50	0	1	0	0	0	0	0
A-2	STA. 204+20.46, 20.08' LT	144	0	1	0	0	0	0	0
A-3	STA. 204+24.58, 29.92' RT	48	0	1	0	0	0	0	0
A-4	STA. 103+40.42, 39.43' RT	25	0	0	0	0	0	1	0
A-5	STA. 102+81.17, 30.30' RT	57	0	0	0	0	0	0	1
A-6	STA. 205+34.10, 18.95' RT	96	0	1	0	0	0	0	0
A-7	STA. 103+37.88, 24.81' RT	14	0	1	0	0	0	0	0
A-8	STA. 204+43.69, 17.92' LT	23	0	1	0	0	0	0	0
B-1	STA. 107+12.90, 23.64' LT	0	1	0	0	0	0	0	0
B-2	STA. 106+23.20, 31.07' LT	90	0	0	0	0	0	0	1
B-3	STA. 202+20.27, 38.99' LT	62	0	1	0.77	0	0	0	0
B-EX2	STA. 201+36.21, 20.88' LT	82	1	0	0	0	0	0	0
B-4	STA. 201+52.06, 29.52' RT	52	0	0	0	0	1	0	0
B-5	STA. 201+75.07, 23.49' RT	17	0	0	0	0	0	0	1
B-6	STA. 202+48.57, 18.00' LT	35	0	1	0.8	0	0	0	0
B-7	STA. 202+49.76, 4.34' RT	21	0	1	1.21	0	0	0	0
B-8	STA. 203+07.15, 44.29' RT	70	0	1	0.68	0	0	0	0
B-9	STA. 103+56.00, 22.89' LT	93	0	1	1.61	0	0	0	0
B-10	STA. 103+59.73, 10.41' LT	12	0	1	0.50	0	0	0	0
B-11	STA. 106+07.47, 4.72' LT	30	0	0	0	1	0	0	0
TOTAL		1021	2	12	6	1	1	1	3

Kimley»Horn
Engineering, Planning, And Environmental Consultants
3930 East Jones Bridge Road, Suite 350
Peachtree Corners, Georgia 30092

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REVISION DATES

SUMMARY OF QUANTITIES
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		06-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

SUMMARY OF QUANTITIES - STANDARD SIGNS

STATION	INSTL. NO.	SIGN CODE	TP 1 MATL, REFL SHEETING TP 9			TP 1 MATL, REFL SHEETING TP 11			POST TYPE 7			POST TYPE 8		
			SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	LENGTH (FEET)	QUANTITY	TOTAL LENGTH	LENGTH (FEET)	QUANTITY	TOTAL LENGTH
			636-1033			636-1036			636-2070			636-2080		
101+65 RT		W2-6				36X36	1	9			0	14.5	1	14.5
		W13-1P				18X18	1	2.25			0			0
102+36 LT		R3-8	30X30	1	6.25				12.5	1	12.5			0
102+53 RT		R4-7	24X30	1	5				12.5	1	12.5			0
103+01 LT		R3-17	24X18	1	3				11.5	1	11.5			0
103+03 RT		W11-2									0			0
		W16-7P									0			0
103+71 RT		R1-2				36 TRI	1	4.5	13	1	13			0
103+80 RT		R1-2				36 TRI	1	4.5	13	1	13			0
103+88 RT		D1-1d	48X12	1	4				11	1	11			0
104+23 LT		R6-4B	60X24	1	10				12	2	24			0
104+48 RT		R6-4B	60X24	1	10				12	2	24			0
104+95 RT		D1-1d	48X12	1	4				11	1	11			0
104+99 LT		R1-2				36 TRI	1	4.5	13	1	13			0
105+12 LT		R1-2				36 TRI	1	4.5	13	1	13			0
105+85 LT		W11-2									0			0
		W16-7P									0			0
106+36 LT		MARTA BUS STOP	24X30	1	5				12.5	1	12.5			0
106+54 RT		R3-17	24X18	1	3				11.5	1	11.5			0
106+81 LT		R3-17	24X18	1	3				12.5	1	12.5			0
		R3-17B	24X9	1	1.5						0			0
107+08 RT		R3-8	48X30	1	10				12.5	1	12.5			0
107+12 LT		R3-8	48X30	1	10				12.5	1	12.5			0
107+39 RT		R4-7	24X30	1	5				12.5	1	12.5			0
107+52 RT		MARTA BUS STOP	24X30	1	5				12.5	1	12.5			0
108+05 RT		R2-1	24X30	1	5				12.5	1	12.5			0
108+18 LT		W2-6				36X36	1	9			0	14.5	1	14.5
		W13-1P				18X18	1	2.25			0			0
201+29 RT		W2-6				36X36	1	9			0	14.5	1	14.5
		W13-1P				18X18	1	2.25			0			0
201+95 RT		R4-7	24X30	1	5				12.5	1	12.5			0
201+99 LT		R1-2				36 TRI	1	4.5	13	1	13			0
202+22 RT		R3-8	30X30	1	6.25				12.5	1	12.5			0
202+25 LT		R3-8	30X30	1	6.25				12.5	1	12.5			0
202+43LT		R1-2				36 TRI	1	4.5	13	1	13			0
202+92 LT		D1-1d	54X12	1	4.5				11	1	11			0
202+95 RT		R1-2				36 TRI	1	4.5	13	1	13			0
203+03 RT		R1-2				36 TRI	1	4.5	13	1	13			0
203+44 RT		R6-4B	60x24	1	10				12	2	24			0
203+71 LT		R6-4B	60x24	1	10				12	2	24			0
204+14 LT		R1-2				36 TRI	1	4.5	13	1	13			0
204+16 LT		R1-2				36 TRI	1	4.5	13	1	13			0
204+16 RT		D1-1d	54X12	1	4.5				11	1	11			0
204+54 RT		R1-2				36 TRI	1	4.5	13	1	13			0
204+98 RT		R1-2				36 TRI	1	4.5	13	1	13			0
205+06 RT		R4-7	24X30	1	5				12.5	1	12.5			0
206+52 LT		W2-6				36X36	1	9			0	14.5	1	14.5
		W13-1P				18X18	1	2.25			0			0
206+69 RT		R2-1	24X30	1	5				12.5	1	12.5			0
TOTAL					147			99			494			58

LIGHTING QUANTITIES			
PAY ITEM	ITEM	UNIT	QUANTITY
682-2120	PULL BOX, TYPE 2	EA	9
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	959
682-9950	DIRECTIONAL BORE - 3"	LF	523

SIGNING QUANTITIES (CONT)			
PAY ITEM	ITEM	UNIT	QUANTITY
610-9001	REM SIGN	EA	1
611-5551	RESET SIGN	EA	1
647-1040	FLASHING BEACON INSTALLATION	EA	10

PAVEMENT MARKING QUANTITIES			
ITEM	PAY ITEM	UNIT	QUANTITY
THERMOPLASTIC PAVEMENT MARKING, SYMBOL, TP 4	652-0094	EA	3
THERMOPLASTIC PAVEMENT MARKING, ARROW, TP 1	653-0110	EA	6
THERMOPLASTIC PAVEMENT MARKING, ARROW, TP 2	653-0120	EA	5
THERMOPLASTIC PAVEMENT MARKING, ARROW, TP 2A	653-0122	EA	2
THERMOPLASTIC PAVEMENT MARKING, ARROW, TP 3A	653-0132	EA	4
THERMOPLASTIC PAVEMENT MARKING, WORD, TP 15	653-0296	EA	8
THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	653-1704	LF	338
THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	653-1804	LF	1192
THERMOPLASTIC SOLID TRAF STRIPE, 6 IN, WHITE	653-1906	LF	1693
THERMOPLASTIC SOLID TRAF STRIPE, 6 IN, YELLOW	653-2602	LF	1414
THERMOPLASTIC SKIP TRAF STRIPE, 6 IN, WHITE	653-2611	GLF	572
THERMOPLASTIC SKIP TRAF STRIPE, 18 IN, WHITE	653-4830	GLF	173
THERMOPLASTIC TRAF STRIPING, WHITE	653-6004	SY	83
THERMOPLASTIC TRAF STRIPING, YELLOW	653-6006	SY	648
RAISED PVMT MARKERS TP 1	654-1001	EA	56
REMOVE EXIST SOLID TRAF STRIPE, 5 IN, THERMOPLASTIC	656-0050	LF	462

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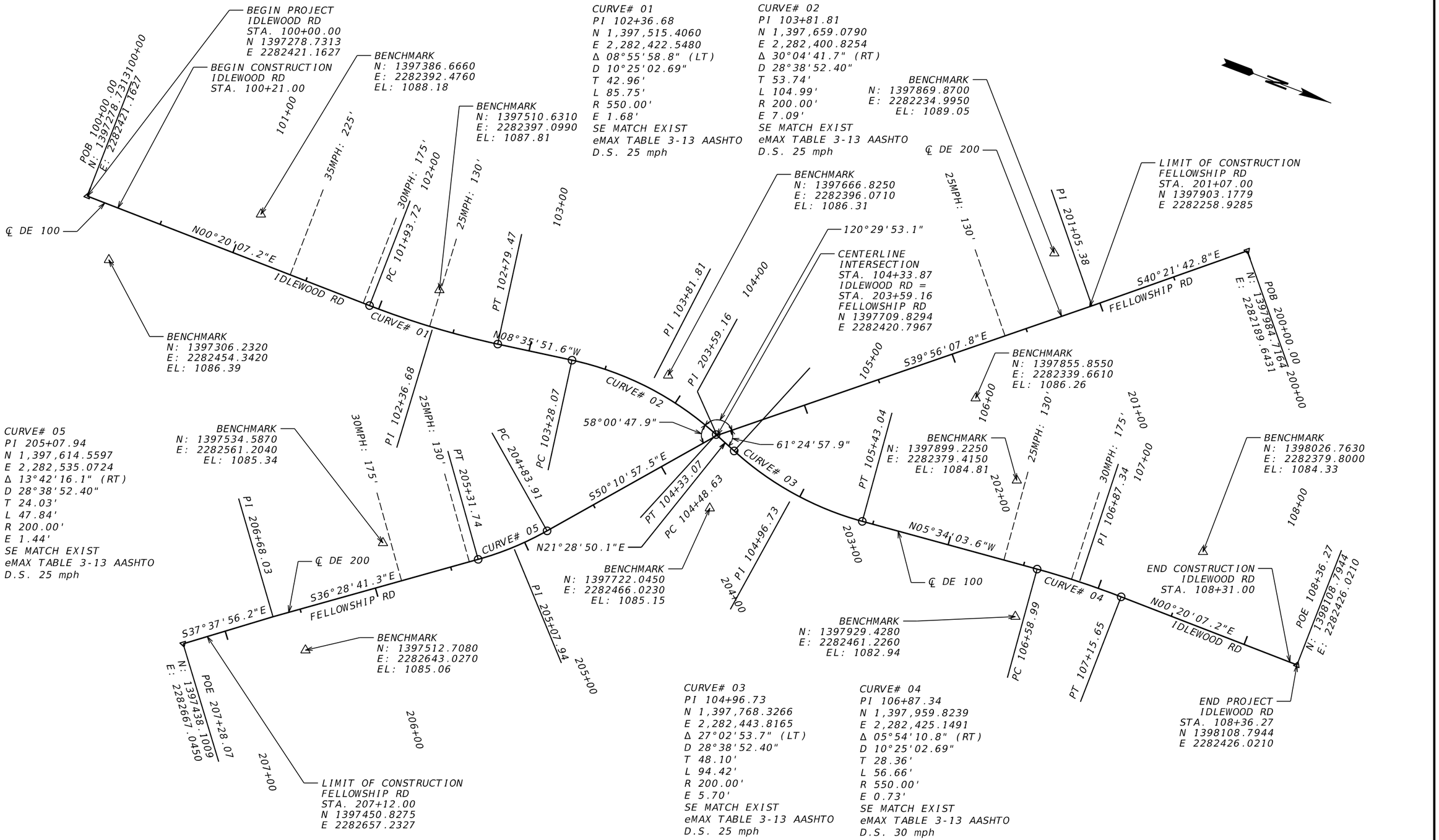
SUMMARY OF QUANTITIES
IDLEWOOD RD AT FELLOWSHIP RD

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

DRAWING No.
06-0002

GPLN-CE
11/05/2020



CURVE# 01
PI 102+36.68
N 1,397,515.4060
E 2,282,422.5480
Δ 08°55'58.8" (LT)
D 10°25'02.69"
T 42.96'
L 85.75'
R 550.00'
E 1.68'
SE MATCH EXIST
eMAX TABLE 3-13 AASHTO
D.S. 25 mph

CURVE# 02
PI 103+81.81
N 1,397,659.0790
E 2,282,400.8254
Δ 30°04'41.7" (RT)
D 28°38'52.40"
T 53.74'
L 104.99'
R 200.00'
E 7.09'
SE MATCH EXIST
eMAX TABLE 3-13 AASHTO
D.S. 25 mph

CURVE# 03
PI 104+96.73
N 1,397,768.3266
E 2,282,443.8165
Δ 27°02'53.7" (LT)
D 28°38'52.40"
T 48.10'
L 94.42'
R 200.00'
E 5.70'
SE MATCH EXIST
eMAX TABLE 3-13 AASHTO
D.S. 25 mph

CURVE# 04
PI 106+87.34
N 1,397,959.8239
E 2,282,425.1491
Δ 05°54'10.8" (RT)
D 10°25'02.69"
T 28.36'
L 56.66'
R 550.00'
E 0.73'
SE MATCH EXIST
eMAX TABLE 3-13 AASHTO
D.S. 30 mph

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Peachtree Corners, Georgia 30092

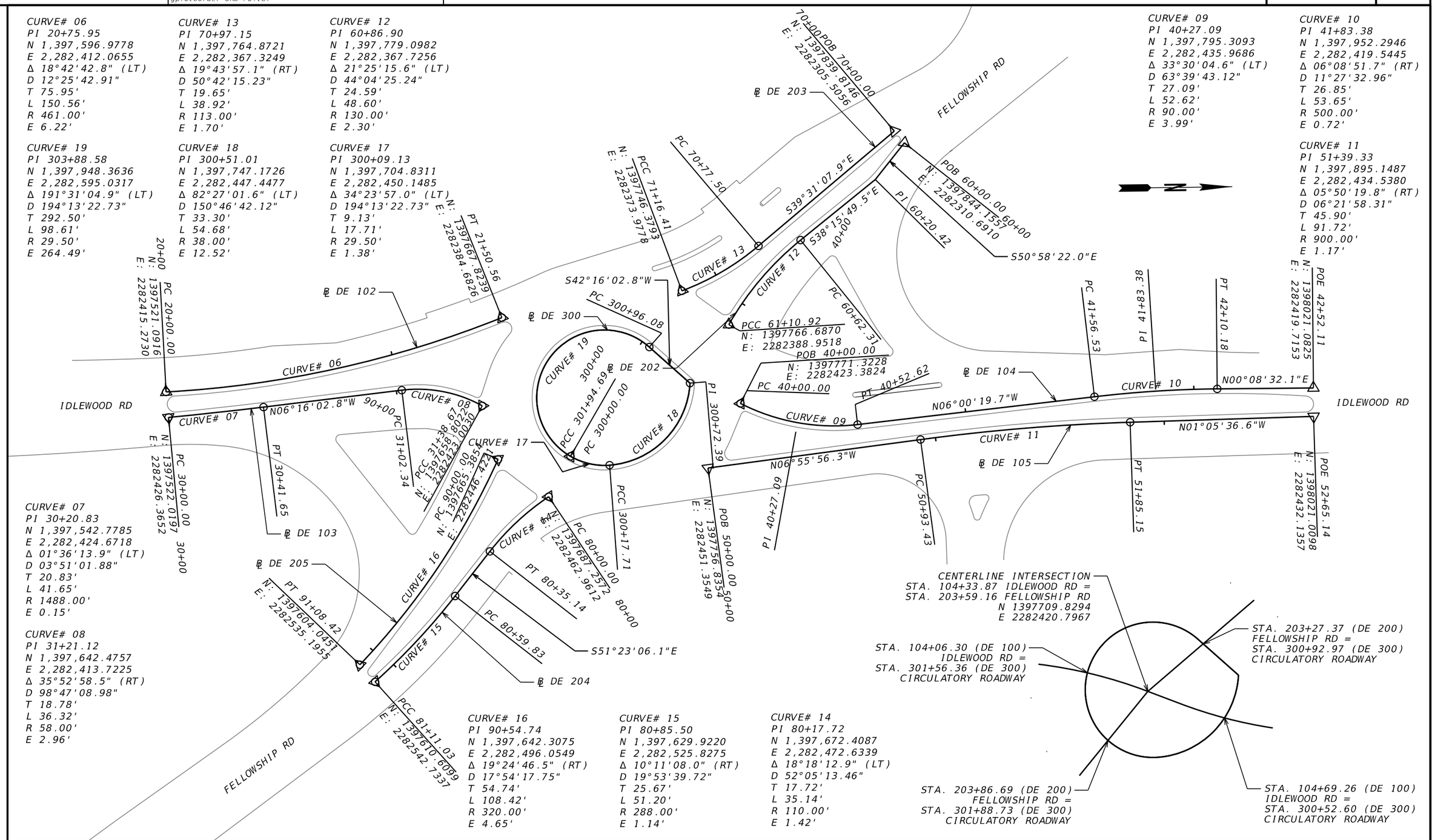
SCALE IN FEET
0 30 60 120

REVISION DATES

CONSTRUCTION LAYOUT
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		11-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020



CURVE# 06
PI 20+75.95
N 1,397,596.9778
E 2,282,412.0655
Δ 18°42'42.8" (LT)
D 12°25'42.91"
T 75.95'
L 150.56'
R 461.00'
E 6.22'

CURVE# 13
PI 70+97.15
N 1,397,764.8721
E 2,282,367.3249
Δ 19°43'57.1" (RT)
D 50°42'15.23"
T 19.65'
L 38.92'
R 113.00'
E 1.70'

CURVE# 12
PI 60+86.90
N 1,397,779.0982
E 2,282,367.7256
Δ 21°25'15.6" (LT)
D 44°04'25.24"
T 24.59'
L 48.60'
R 130.00'
E 2.30'

CURVE# 09
PI 40+27.09
N 1,397,795.3093
E 2,282,435.9686
Δ 33°30'04.6" (LT)
D 63°39'43.12"
T 27.09'
L 52.62'
R 90.00'
E 3.99'

CURVE# 10
PI 41+83.38
N 1,397,952.2946
E 2,282,419.5445
Δ 06°08'51.7" (RT)
D 11°27'32.96"
T 26.85'
L 53.65'
R 500.00'
E 0.72'

CURVE# 19
PI 303+88.58
N 1,397,948.3636
E 2,282,595.0317
Δ 191°31'04.9" (LT)
D 194°13'22.73"
T 292.50'
L 98.61'
R 29.50'
E 264.49'

CURVE# 18
PI 300+51.01
N 1,397,747.1726
E 2,282,447.4477
Δ 82°27'01.6" (LT)
D 150°46'42.12"
T 33.30'
L 54.68'
R 38.00'
E 12.52'

CURVE# 17
PI 300+09.13
N 1,397,704.8311
E 2,282,450.1485
Δ 34°23'57.0" (LT)
D 194°13'22.73"
T 9.13'
L 17.71'
R 29.50'
E 1.38'

CURVE# 11
PI 51+39.33
N 1,397,895.1487
E 2,282,434.5380
Δ 05°50'19.8" (RT)
D 06°21'58.31"
T 45.90'
L 91.72'
R 900.00'
E 1.17'

CURVE# 07
PI 30+20.83
N 1,397,542.7785
E 2,282,424.6718
Δ 01°36'13.9" (LT)
D 03°51'01.88"
T 20.83'
L 41.65'
R 1488.00'
E 0.15'

CURVE# 08
PI 31+21.12
N 1,397,642.4757
E 2,282,413.7225
Δ 35°52'58.5" (RT)
D 98°47'08.98"
T 18.78'
L 36.32'
R 58.00'
E 2.96'

CURVE# 16
PI 90+54.74
N 1,397,642.3075
E 2,282,496.0549
Δ 19°24'46.5" (RT)
D 17°54'17.75"
T 54.74'
L 108.42'
R 320.00'
E 4.65'

CURVE# 15
PI 80+85.50
N 1,397,629.9220
E 2,282,525.8275
Δ 10°11'08.0" (RT)
D 19°53'39.72"
T 25.67'
L 51.20'
R 288.00'
E 1.14'

CURVE# 14
PI 80+17.72
N 1,397,672.4087
E 2,282,472.6339
Δ 18°18'12.9" (LT)
D 52°05'13.46"
T 17.72'
L 35.14'
R 110.00'
E 1.42'

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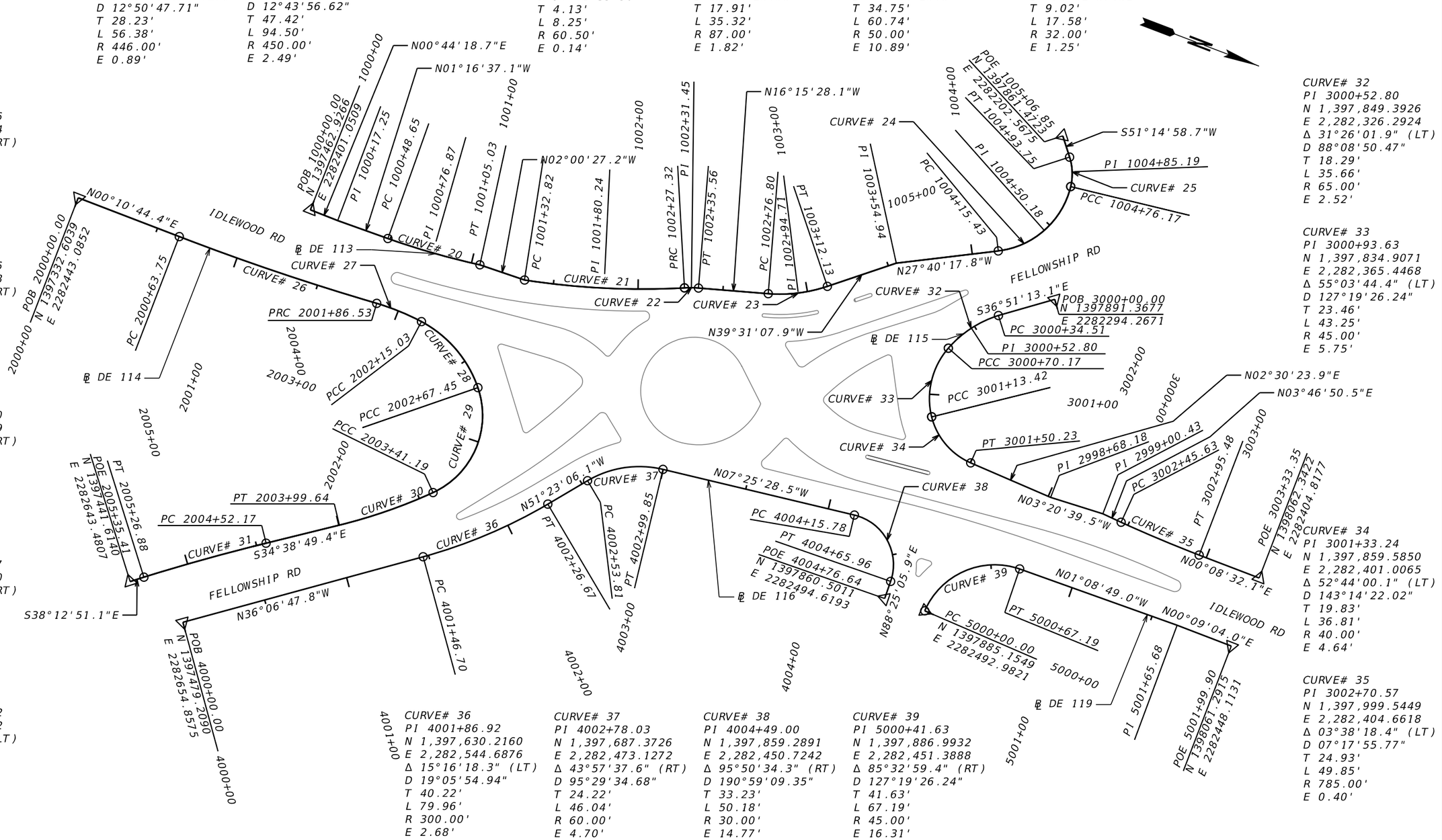
SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION LAYOUT
IDLEWOOD RD AT FELLOWSHIP RD

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

GPLN-CE
11/05/2020



CURVE# 20
PI 1000+76.87
N 1,397,539.7851
E 2,282,399.9444
Δ 07°14'35.4" (LT)
D 12°50'47.71"
T 28.23'
L 56.38'
R 446.00'
E 0.89'

CURVE# 21
PI 1001+80.24
N 1,397,641.8557
E 2,282,384.8981
Δ 12°01'53.8" (LT)
D 12°43'56.62"
T 47.42'
L 94.50'
R 450.00'
E 2.49'

CURVE# 22
PI 1002+31.45
N 1,397,688.9263
E 2,282,363.8724
Δ 07°48'42.4" (RT)
D 94°42'13.56"
T 4.13'
L 8.25'
R 60.50'
E 0.14'

CURVE# 23
PI 1002+94.71
N 1,397,749.6746
E 2,282,346.1569
Δ 23°15'39.8" (LT)
D 65°51'25.98"
T 17.91'
L 35.32'
R 87.00'
E 1.82'

CURVE# 24
PI 1004+50.18
N 1,397,880.8907
E 2,282,263.2742
Δ 69°36'12.1" (LT)
D 114°35'29.61"
T 34.75'
L 60.74'
R 50.00'
E 10.89'

CURVE# 25
PI 1004+85.19
N 1,397,875.3481
E 2,282,219.8561
Δ 31°28'32.3" (LT)
D 179°02'57.52"
T 9.02'
L 17.58'
R 32.00'
E 1.25'

CURVE# 26
PI 2001+25.17
N 1,397,457.7754
E 2,282,443.4762
Δ 04°41'23.5" (LT)
D 03°49'10.99"
T 61.42'
L 122.78'
R 1500.00'
E 1.26'

CURVE# 27
PI 2002+00.83
N 1,397,533.2676
E 2,282,437.5204
Δ 11°39'58.8" (RT)
D 40°55'32.00"
T 14.30'
L 28.51'
R 140.00'
E 0.73'

CURVE# 28
PI 2002+42.54
N 1,397,574.7476
E 2,282,442.7278
Δ 42°53'59.2" (RT)
D 81°51'04.01"
T 27.50'
L 52.41'
R 70.00'
E 5.21'

CURVE# 29
PI 2003+12.87
N 1,397,621.5700
E 2,282,498.6239
Δ 84°30'26.5" (RT)
D 114°35'29.61"
T 45.42'
L 73.75'
R 50.00'
E 17.55'

CURVE# 30
PI 2003+70.50
N 1,397,569.1427
E 2,282,551.8790
Δ 10°48'06.3" (RT)
D 18°28'57.03"
T 29.31'
L 58.44'
R 310.00'
E 1.38'

CURVE# 31
PI 2004+89.54
N 1,397,477.6722
E 2,282,615.0912
Δ 03°34'01.7" (LT)
D 04°46'28.73"
T 37.37'
L 74.71'
R 1200.00'
E 0.58'

CURVE# 32
PI 3000+52.80
N 1,397,849.3926
E 2,282,326.2924
Δ 31°26'01.9" (LT)
D 88°08'50.47"
T 18.29'
L 35.66'
R 65.00'
E 2.52'

CURVE# 33
PI 3000+93.63
N 1,397,834.9071
E 2,282,365.4468
Δ 55°03'44.4" (LT)
D 127°19'26.24"
T 23.46'
L 43.25'
R 45.00'
E 5.75'

CURVE# 34
PI 3001+33.24
N 1,397,859.5850
E 2,282,401.0065
Δ 52°44'00.1" (LT)
D 143°14'22.02"
T 19.83'
L 36.81'
R 40.00'
E 4.64'

CURVE# 35
PI 3002+70.57
N 1,397,999.5449
E 2,282,404.6618
Δ 03°38'18.4" (LT)
D 07°17'55.77"
T 24.93'
L 49.85'
R 785.00'
E 0.40'

CURVE# 36
PI 4001+86.92
N 1,397,630.2160
E 2,282,544.6876
Δ 15°16'18.3" (LT)
D 19°05'54.94"
T 40.22'
L 79.96'
R 300.00'
E 2.68'

CURVE# 37
PI 4002+78.03
N 1,397,687.3726
E 2,282,473.1272
Δ 43°57'37.6" (RT)
D 95°29'34.68"
T 24.22'
L 46.04'
R 60.00'
E 4.70'

CURVE# 38
PI 4004+49.00
N 1,397,859.2891
E 2,282,450.7242
Δ 95°50'34.3" (RT)
D 190°59'09.35"
T 33.23'
L 50.18'
R 30.00'
E 14.77'

CURVE# 39
PI 5000+41.63
N 1,397,886.9932
E 2,282,451.3888
Δ 85°32'59.4" (RT)
D 127°19'26.24"
T 41.63'
L 67.19'
R 45.00'
E 16.31'

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SCALE IN FEET
0 30 60 120

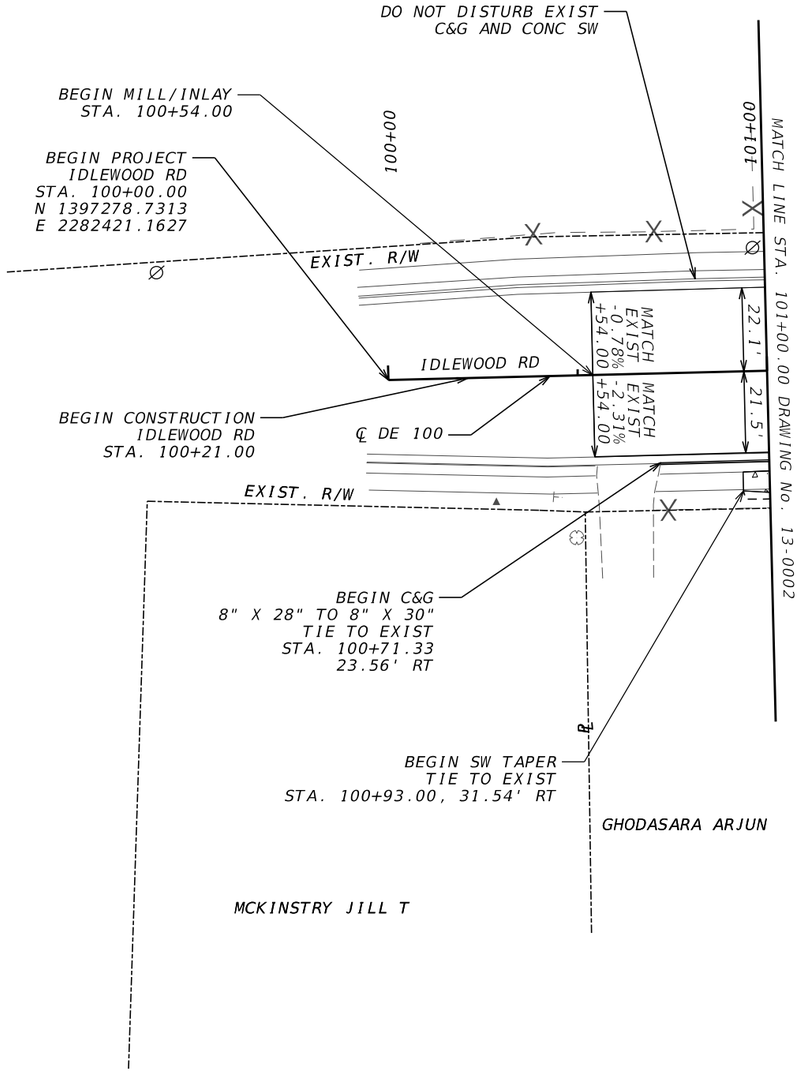
REVISION DATES

CONSTRUCTION LAYOUT
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		11-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

THOMAS WILLIAM PAUL DR



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

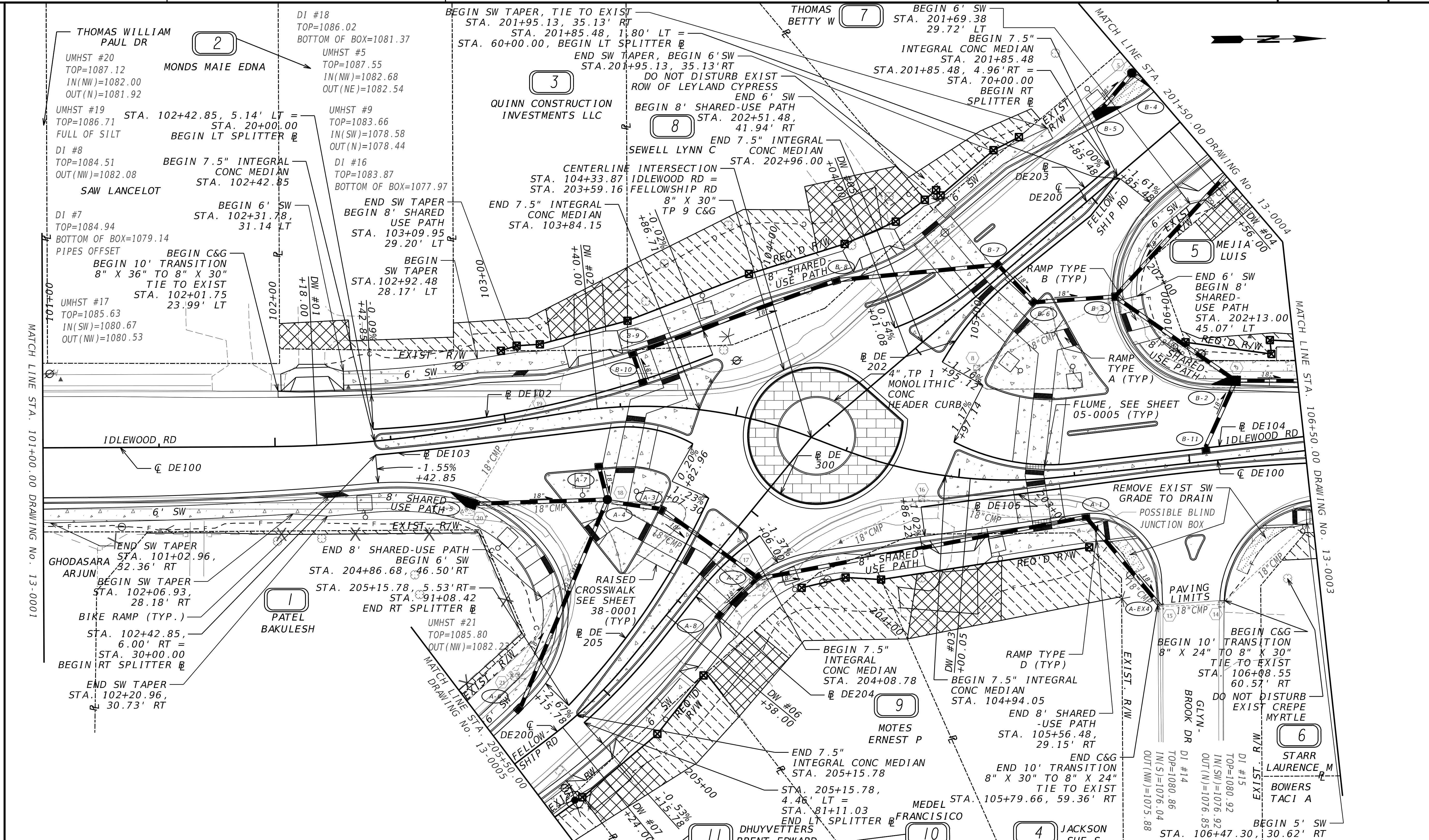
SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
IDLEWOOD RD AT FELLOWSHIP RD

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

GPLN-CE
11/05/2020



THOMAS WILLIAM PAUL DR
2
MONDS MAIE EDNA
UMHST #20 TOP=1087.12 IN(NW)=1082.00 OUT(N)=1081.92
UMHST #19 TOP=1086.71 FULL OF SILT
DI #8 TOP=1084.51 OUT(NW)=1082.08
SAW LANCELOT
DI #7 TOP=1084.94 BOTTOM OF BOX=1079.14 PIPES OFFSET
UMHST #17 TOP=1085.63 IN(SW)=1080.67 OUT(NW)=1080.53
DI #18 TOP=1086.02 BOTTOM OF BOX=1081.37
UMHST #5 TOP=1087.55 IN(NW)=1082.68 OUT(NE)=1082.54
UMHST #9 TOP=1083.66 IN(SW)=1078.58 OUT(N)=1078.44
DI #16 TOP=1083.87 BOTTOM OF BOX=1077.97
STA. 102+42.85, 5.14' LT = STA. 20+00.00 BEGIN LT SPLITTER ℄
BEGIN 7.5" INTEGRAL CONC MEDIAN STA. 102+42.85
BEGIN 6' SW STA. 102+31.78, 31.14 LT
BEGIN C&G BEGIN 10' TRANSITION 8" X 36" TO 8" X 30" TIE TO EXIST STA. 102+01.75 23.99' LT
END SW TAPER BEGIN 8' SHARED USE PATH STA. 103+09.95 29.20' LT
BEGIN SW TAPER STA.102+92.48 28.17' LT
3
QUINN CONSTRUCTION INVESTMENTS LLC
BEGIN SW TAPER, TIE TO EXIST STA. 201+95.13, 35.13' RT
STA. 201+85.48, 1.80' LT = STA. 60+00.00, BEGIN LT SPLITTER ℄
END SW TAPER, BEGIN 6'SW STA.201+95.13, 35.13'RT
DO NOT DISTURB EXIST ROW OF LEYLAND CYPRESS
END 6' SW BEGIN 8' SHARED-USE PATH STA. 202+51.48, 41.94' RT
8
SEWELL LYNN C
END 7.5" INTEGRAL CONC MEDIAN STA. 202+96.00
CENTERLINE INTERSECTION STA. 104+33.87 IDLEWOOD RD = STA. 203+59.16 FELLOWSHIP RD
8" X 30" TP 9 C&G
END 7.5" INTEGRAL CONC MEDIAN STA. 103+84.15
THOMAS BETTY W
7
BEGIN 6' SW STA. 201+69.38 29.72' LT
BEGIN 7.5" INTEGRAL CONC MEDIAN STA. 201+85.48
STA.201+85.48, 4.96'RT = STA. 70+00.00 BEGIN RT SPLITTER ℄
MATCH LINE STA. 201+50.00 DRAWING No. 13-0004
5
MEJIA LUIS
END 6' SW BEGIN 8' SHARED-USE PATH STA. 202+13.00 45.07' LT
RAMP TYPE B (TYP)
RAMP TYPE A (TYP)
FLUME, SEE SHEET 05-0005 (TYP)
4",TP 1 MONOLITHIC CONC HEADER CURB
℄ DE 202
℄ DE 300
℄ DE104
℄ DE103
℄ DE102
℄ DE100
℄ DE105
℄ DE203
℄ DE200
IDLEWOOD RD
FELLOW-SHIP RD
REQ'D R/W
EXIST. R/W
6' SW
8' SHARED USE PATH
18" CMP
MATCH LINE STA. 101+00.00 DRAWING No. 13-0001
MATCH LINE STA. 106+50.00 DRAWING No. 13-0003
MATCH LINE STA. 205+50.00 DRAWING No. 13-0005
REMOVE EXIST SW GRADE TO DRAIN
POSSIBLE BLIND JUNCTION BOX
PAVING LIMITS
BEGIN C&G BEGIN 10' TRANSITION 8" X 24" TO 8" X 30" TIE TO EXIST STA. 106+08.55 60.57' RT
DO NOT DISTURB EXIST CREPE MYRTLE
6
STARR LAURENCE M
BOWERS TACI A
BEGIN 5' SW STA. 106+47.30, 30.62' RT
DI #14 TOP=1080.86 IN(S)=1076.04 OUT(NW)=1075.88
DI #15 TOP=1080.92 IN(SW)=1076.92 OUT(N)=1076.85
GLYN-BROOK DR
END C&G END 10' TRANSITION 8" X 30" TO 8" X 24" TIE TO EXIST STA. 105+79.66, 59.36' RT
END 8' SHARED -USE PATH STA. 105+56.48, 29.15' RT
BEGIN 7.5" INTEGRAL CONC MEDIAN STA. 104+94.05
RAMP TYPE D (TYP)
4
JACKSON SUE S
10
MEDEL FRANCISCO
11
DHUYVETTERS BRENT EDWARD
9
MOTES ERNEST P
BEGIN 7.5" INTEGRAL CONC MEDIAN STA. 204+08.78
℄ DE204
END 7.5" INTEGRAL CONC MEDIAN STA. 205+15.78
STA. 205+15.78, 4.46' LT = STA. 81+11.03 END LT SPLITTER ℄
RAISED CROSSWALK SEE SHEET 38-0001 (TYP)
℄ DE 205
UMHST #21 TOP=1085.80 OUT(NW)=1082.23
END 8' SHARED-USE PATH BEGIN 6' SW STA. 204+86.68, 46.50'RT
STA. 205+15.78, 5.53'RT= STA. 91+08.42 END RT SPLITTER ℄
1
PATEL BAKULESH
GHODASARA ARJUN
END SW TAPER STA. 101+02.96, 32.36' RT
BEGIN SW TAPER STA. 102+06.93, 28.18' RT
BIKE RAMP (TYP.)
STA. 102+42.85, 6.00' RT = STA. 30+00.00 BEGIN RT SPLITTER ℄
END SW TAPER STA. 102+20.96, 30.73' RT
-1.55% +42.85

PROPERTY AND EXISTING R/W LINE		BEGIN LIMIT OF ACCESS............BLA	
REQUIRED R/W LINE		END LIMIT OF ACCESS..............ELA	
CONSTRUCTION LIMITS	— C — F —	EXISTING LIMIT OF ACCESS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES		REQ'D LIMIT OF ACCESS	
EASEMENT FOR CONSTR OF SLOPES		EXISTING LIMIT OF ACCESS & R/W	
EASEMENT FOR CONSTR OF DRIVES		REQ'D LIMIT OF ACCESS & R/W	
		ORANGE BARRIER FENCE	
		ESA - ENV. SENSITIVE AREA	

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Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
IDLEWOOD RD AT FELLOWSHIP RD

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

DRAWING No.
13-0002

D1	STA. 105+97.38	31.02' RT
D2	STA. 106+01.58	31.15' RT
D3	STA. 106+02.77	33.50' RT
D4	STA. 105+98.44	40.92' RT
D5	STA. 105+95.61	40.48' RT
D6	STA. 105+94.40	34.84' RT

A1	STA. 105+49.89	19.31' LT
A2	STA. 105+86.99	19.60' LT
A3	STA. 105+87.01	17.60' LT
A4	STA. 105+49.91	17.31' LT

B1	STA. 203+03.34	28.50' RT
B2	STA. 202+73.53	20.18' RT
B3	STA. 202+73.76	18.19' RT
B4	STA. 203+04.18	26.68' RT

C1	STA. 202+49.64	19.43' RT
C2	STA. 202+40.52	19.36' RT
C3	STA. 202+40.55	17.36' RT
C4	STA. 202+49.66	17.43' RT

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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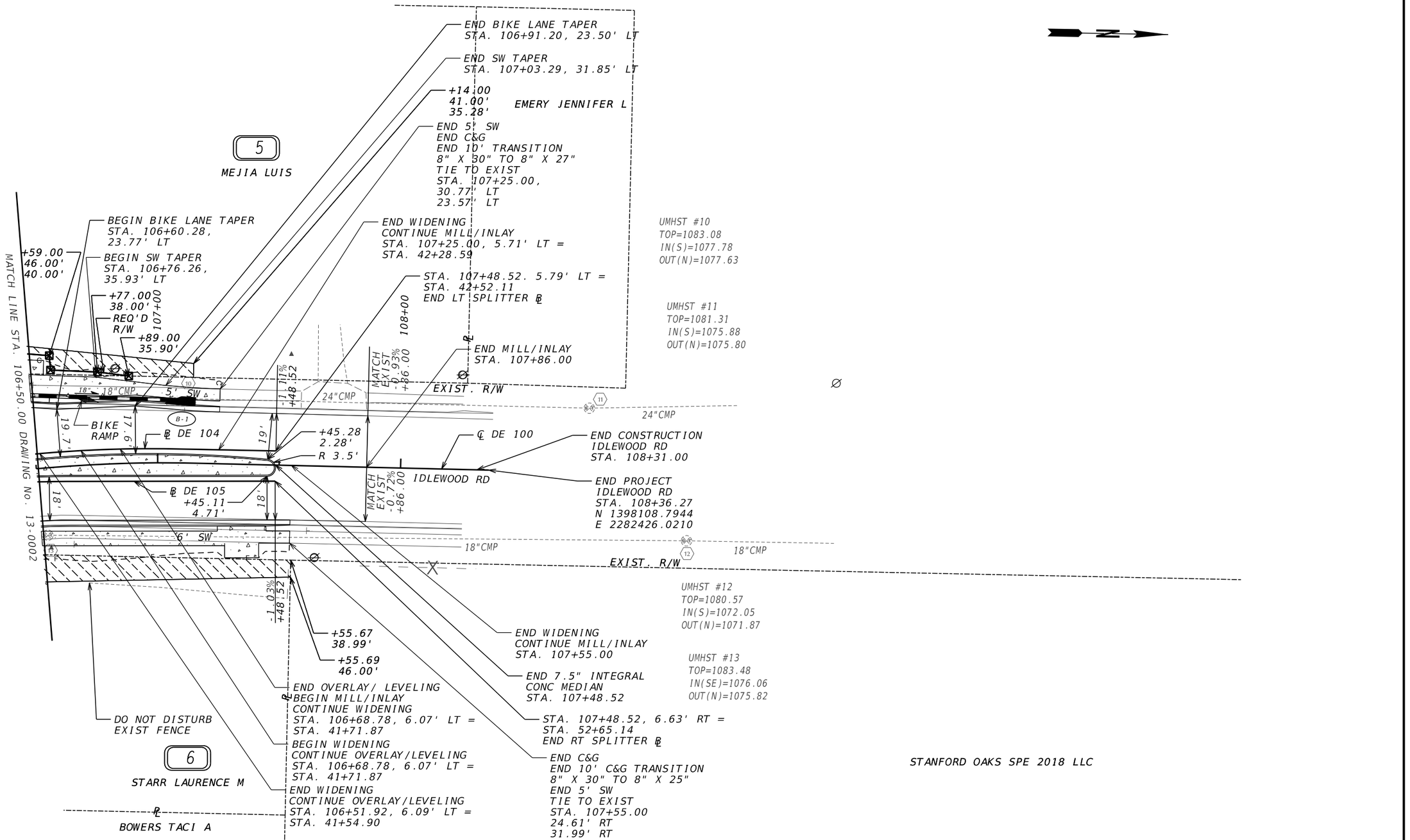
SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
IDLEWOOD RD AT FELLOWSHIP RD

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

GPLN-CE
11/05/2020



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

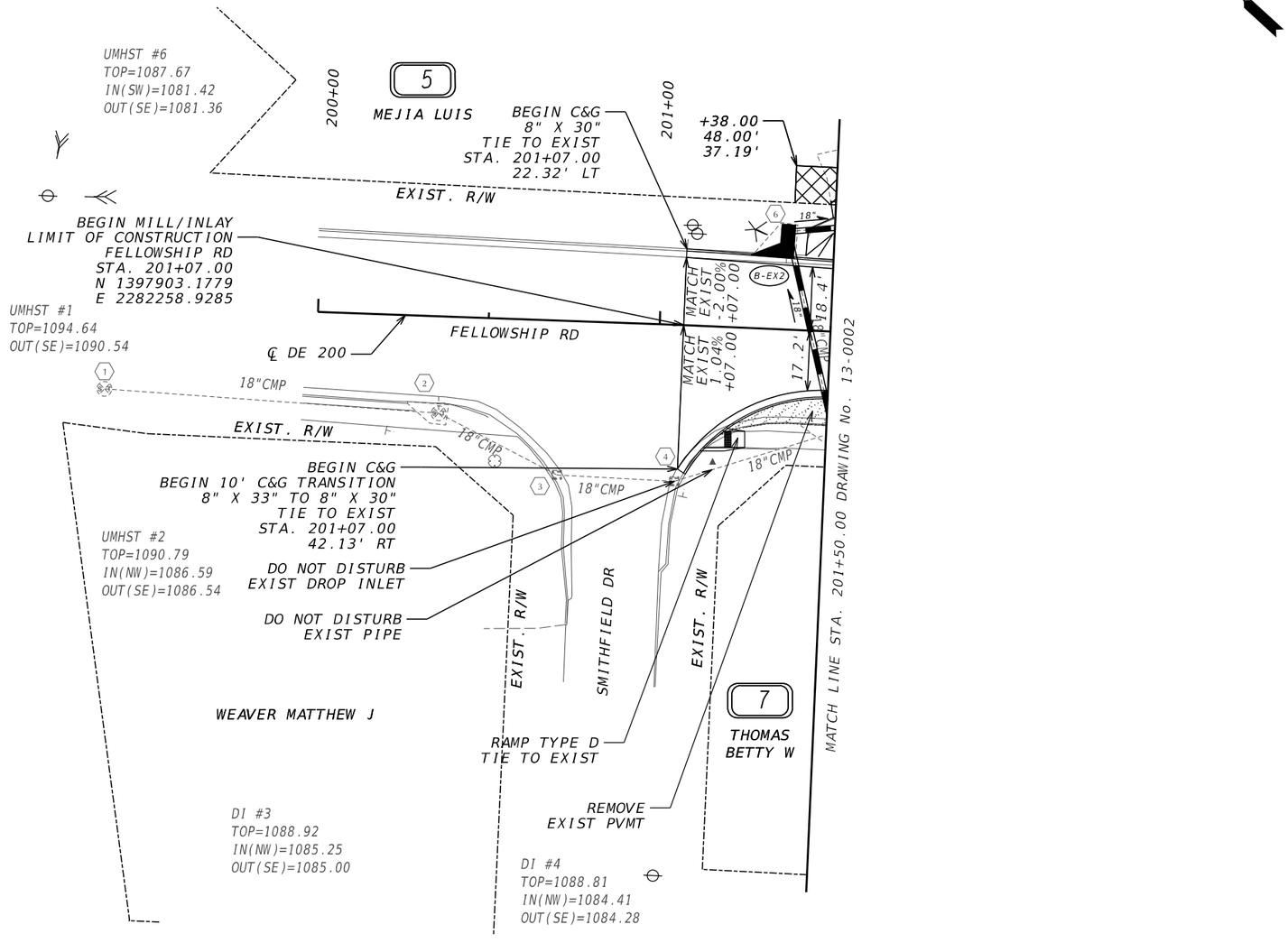
REVISION DATES

CONSTRUCTION PLAN
IDLEWOOD RD AT FELLOWSHIP RD

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

DRAWING No.
13-0003

GPLN-CE
11/05/2020



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
IDLEWOOD RD AT FELLOWSHIP RD

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

11
DHUYVETTERS
BRENT EDWARD

12
OSTIO YOAN SERVIN

MEDEL MARIA E

℄

℄

+86.00
39.00'
29.01'
ND 6' SW
STA.
05+84.16
7.01' LT

+12.14
39.00'

DW #08
+98.00
206+00

+12.18
30.80'

DW #10
+28.00

+46.00
39.00'
32.66'

207+00

BEGIN 5' SW
STA. 206+43.15
25.73' LT

END 5' SW
END C&G
END 10' C&G TRANSITION
8" X 30" TO 8" X 24"
TIE TO EXIST
STA. 206+75.00
25.11' LT
18.06' LT

REQ'D R/W

EXIST. R/W

6' SW

5' SW

℄ DE 200

14.8
16.7

FELLOWSHIP RD

MATCH EXIST -0.99%
12.00+12.00

END MILL/ INLAY
LIMIT OF CONSTRUCTION
FELLOWSHIP RD
STA. 207+12.00
N 1397450.8275
E 2282657.2327

MATCH LINE STA. 205+50.00 DRAWING No. 13-0002

6' SW

5' SW

EXIST. R/W

+95.00
33.91'
36.00'
42.00'

END 6' SW
STA.205+96.85
25.22' RT

DW #09
+10.00

BEGIN 5' SW
STA. 206+23.87
25.22' RT

+30.00
31.74'
42.00'

W D J SERVICES

END 5' SW
END C&G 8" X 30"
TIE TO EXIST
STA. 206+75.00
18.99' RT
26.07' RT

DEY SUPARNO

1
PATEL BAKULESH

END WIDENING
CONTINUE MILL/INLAY
STA. 206+58.35

GHODASARA ARJUN

MCKINSTRY
JILL T

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION PLAN
IDLEWOOD RD AT FELLOWSHIP RD

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

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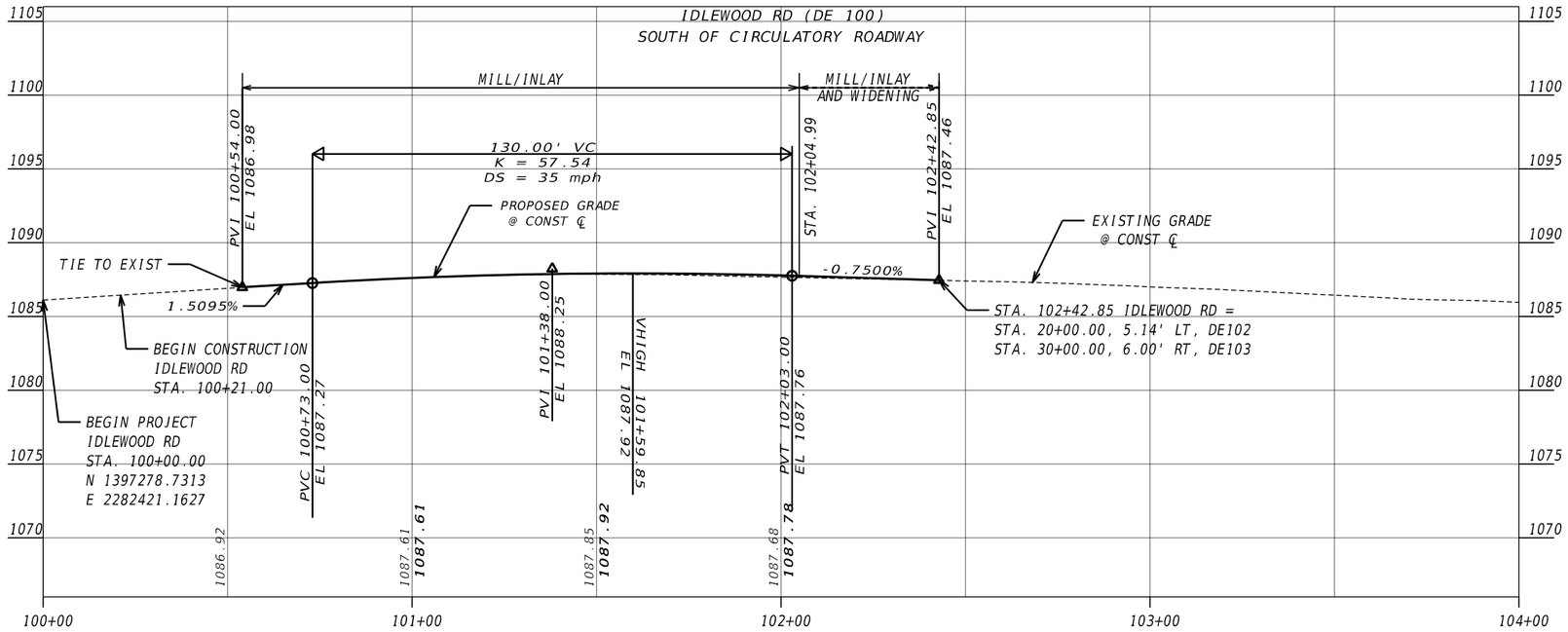
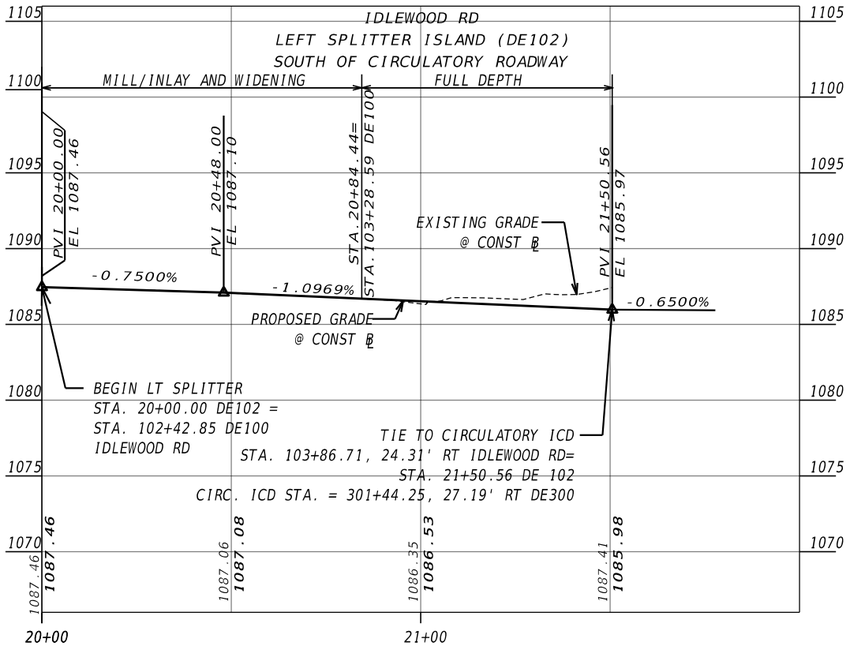
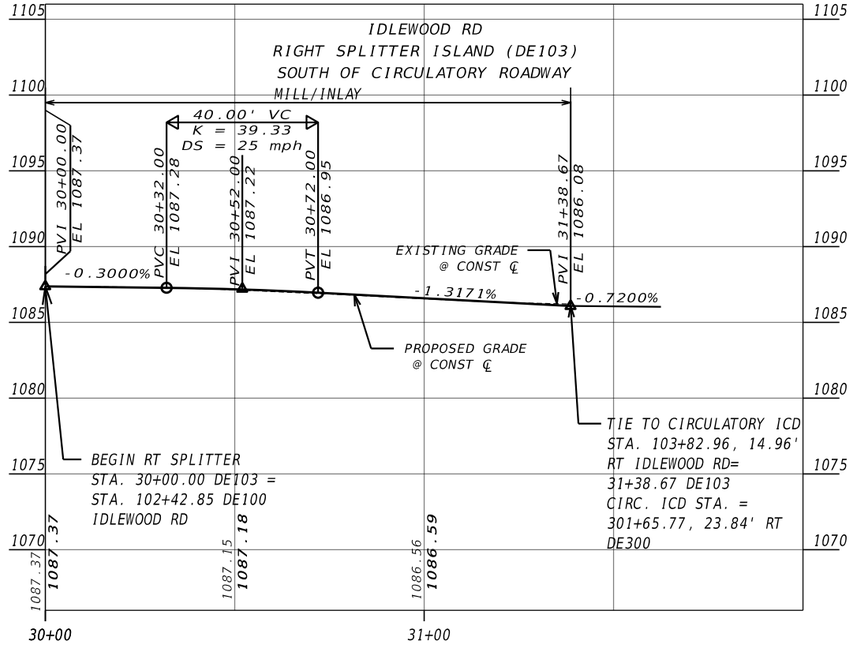
11/05/2020







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HORIZONTAL SCALE IN FEET
0 20 40 80

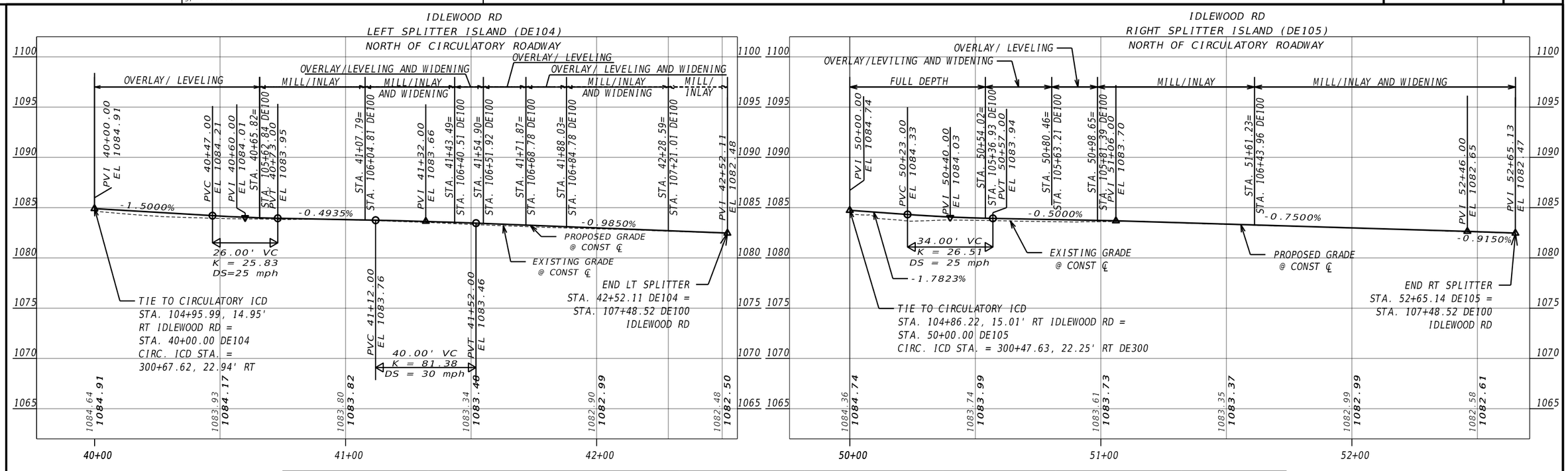
VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

MAINLINE PROFILE
IDLEWOOD RD AT FELLOWSHIP RD

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

GPLN-CE
11/05/2020



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HORIZONTAL SCALE IN FEET
0 20 40 80

VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

MAINLINE PROFILE
IDLEWOOD RD AT FELLOWSHIP RD

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

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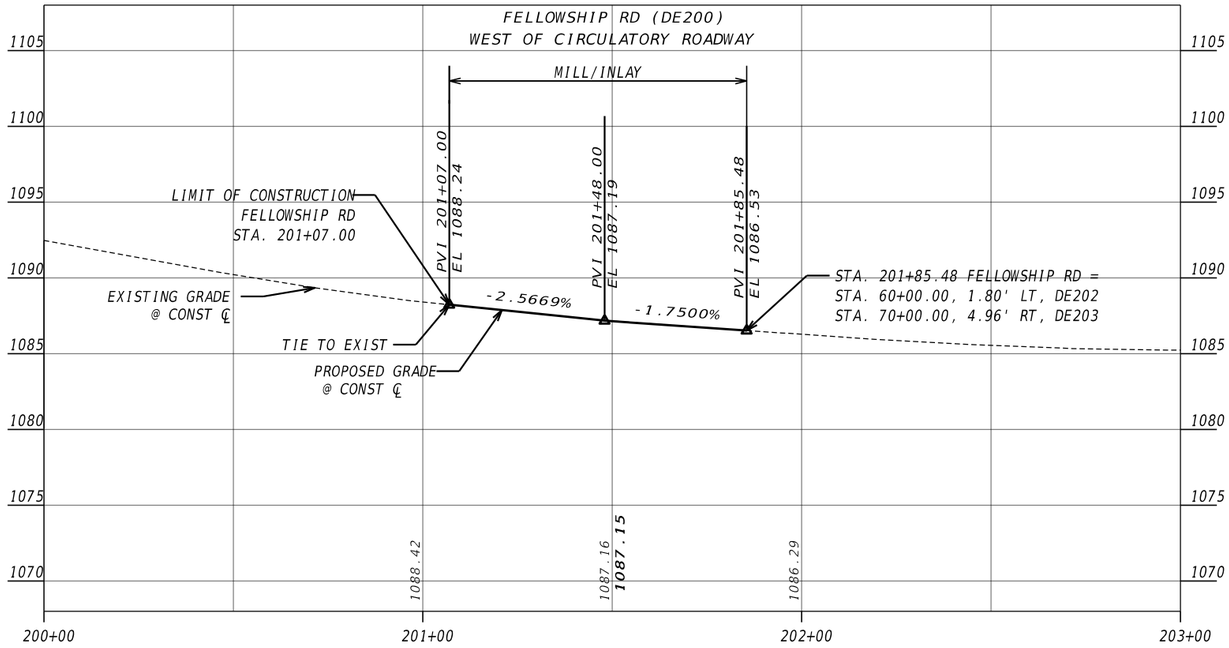
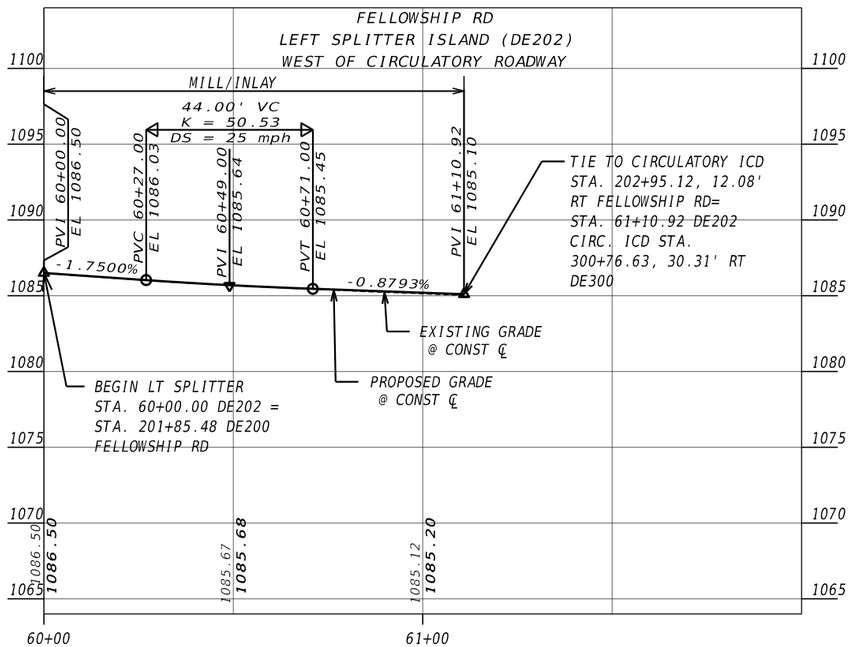
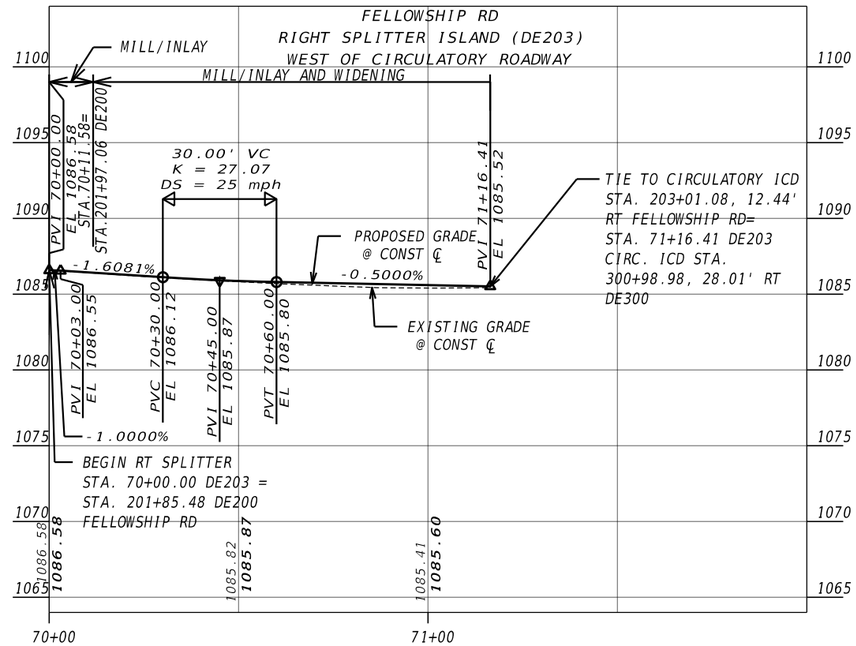
11/05/2020







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HORIZONTAL SCALE IN FEET
0 20 40 80

VERTICAL SCALE IN FEET
0 5 10 20

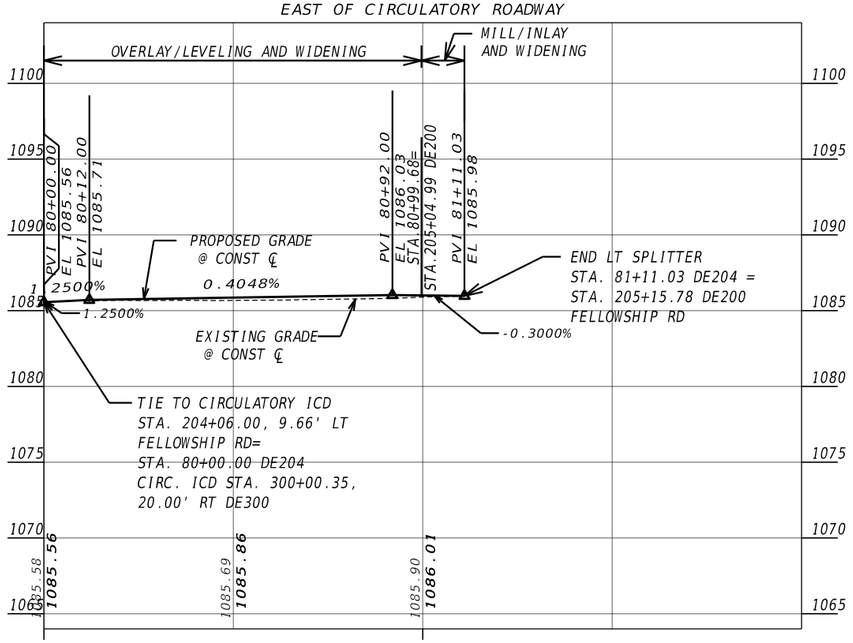
REVISION DATES

CROSSROAD PROFILE
IDLEWOOD RD AT FELLOWSHIP RD

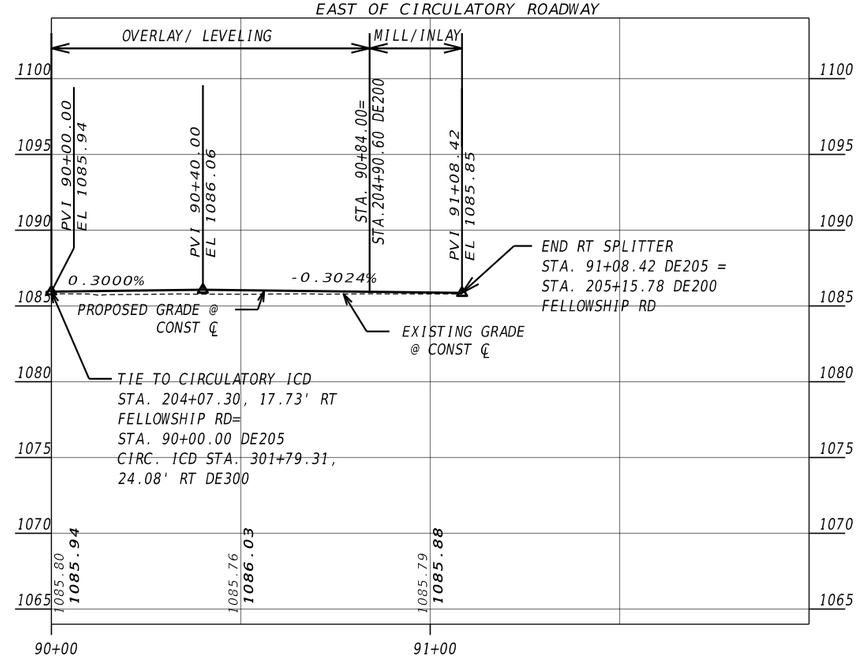
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		16-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

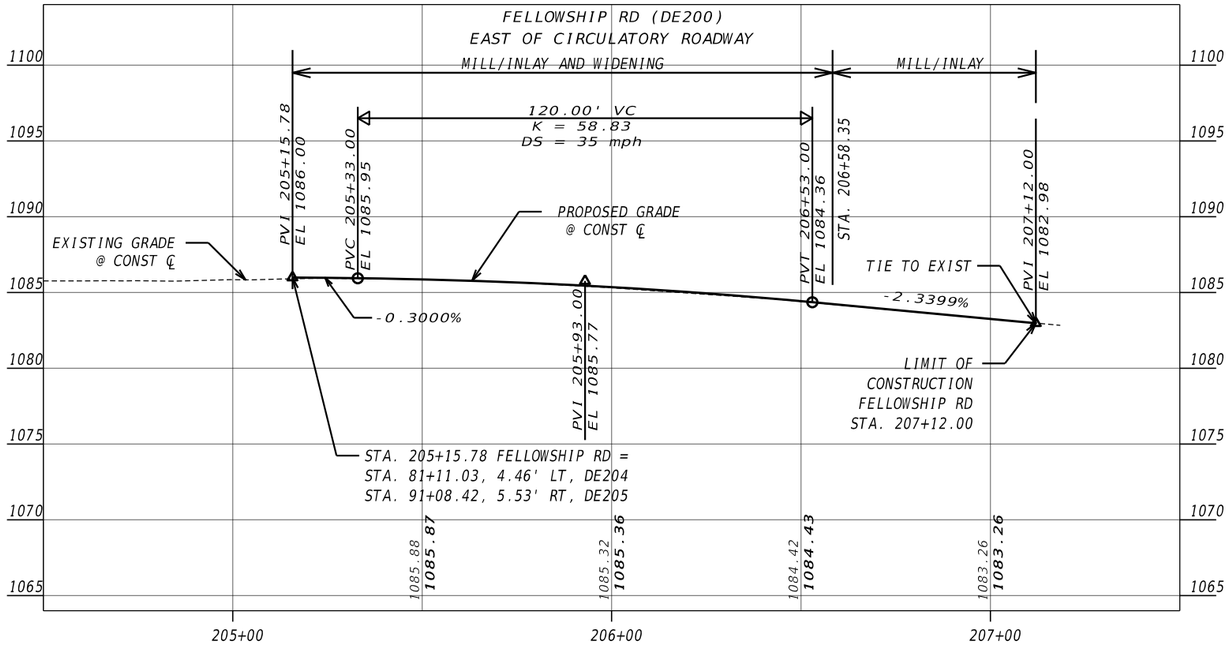
FELLOWSHIP RD
LEFT SPLITTER ISLAND (DE204)
EAST OF CIRCULATORY ROADWAY



FELLOWSHIP RD
RIGHT SPLITTER ISLAND (DE205)
EAST OF CIRCULATORY ROADWAY



FELLOWSHIP RD (DE200)
EAST OF CIRCULATORY ROADWAY



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HORIZONTAL SCALE IN FEET
0 20 40 80

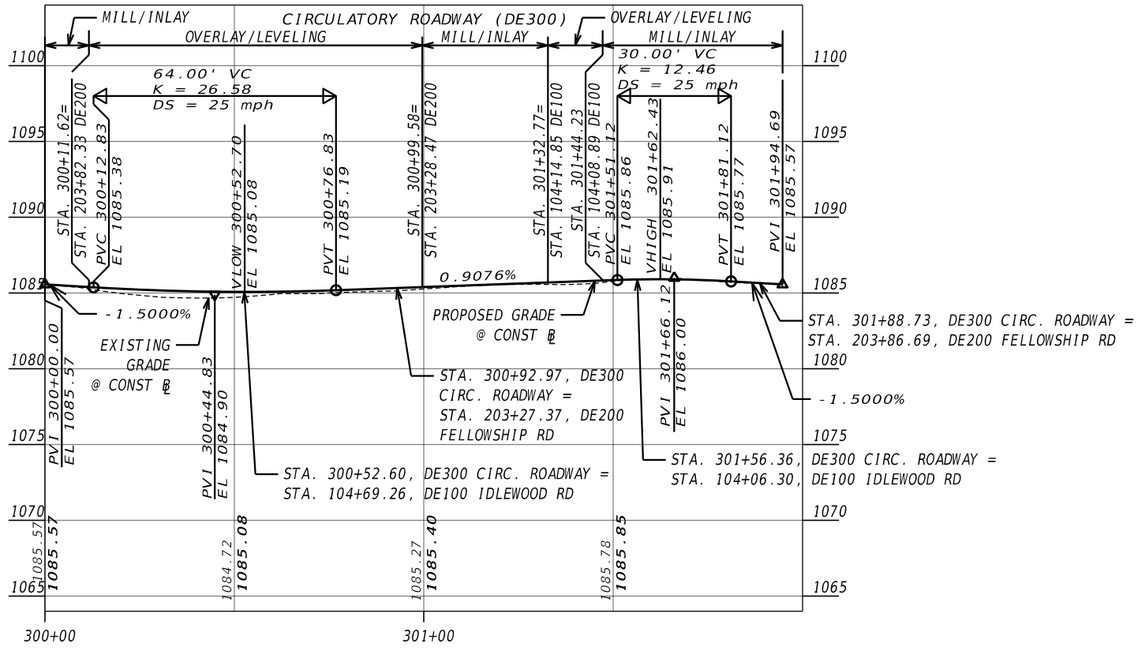
VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

CROSSROAD PROFILE
IDLEWOOD RD AT FELLOWSHIP RD

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

GPLN-CE
11/05/2020



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Peachtree Corners, Georgia 30092

HORIZONTAL SCALE IN FEET
0 20 40 80

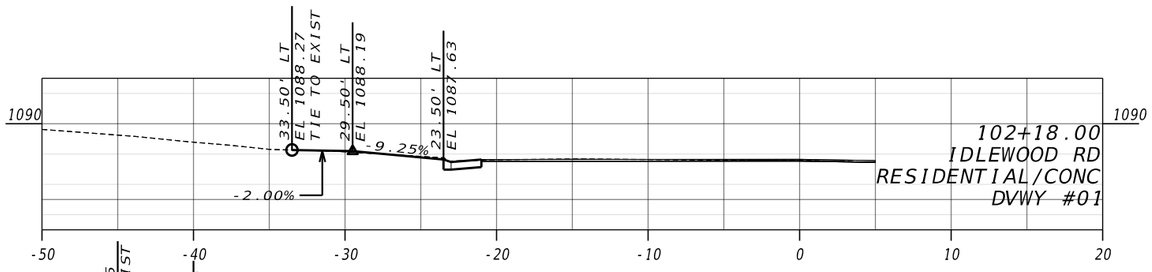
VERTICAL SCALE IN FEET
0 5 10 20

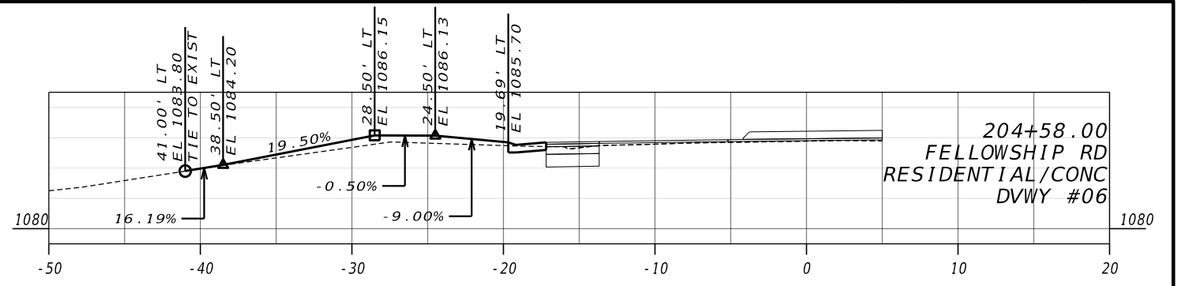
REVISION DATES

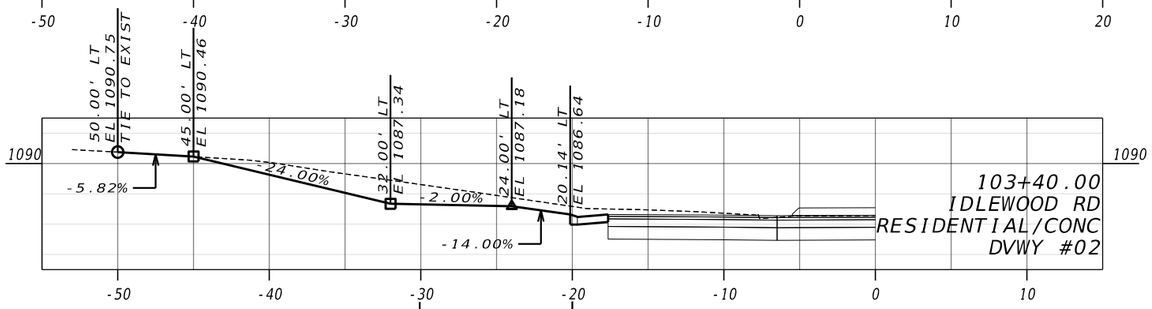
CROSSROAD PROFILE
IDLEWOOD RD AT FELLOWSHIP RD

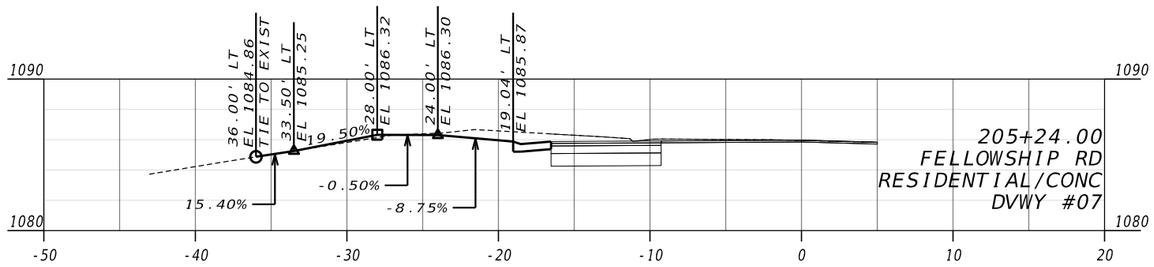
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		16-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

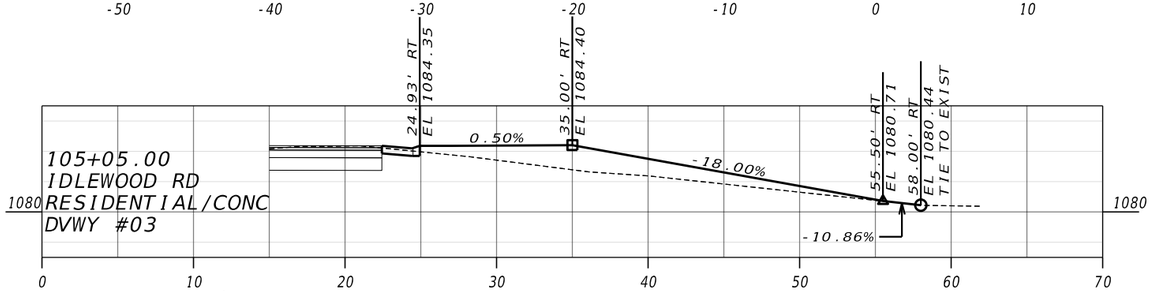
GPLN-CE
11/05/2020

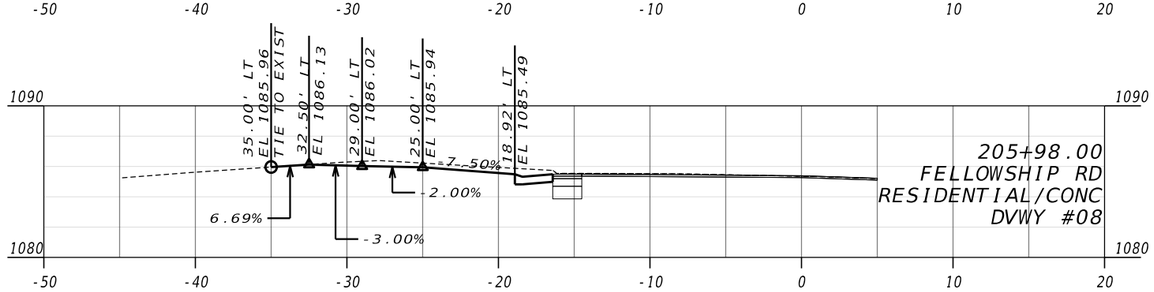


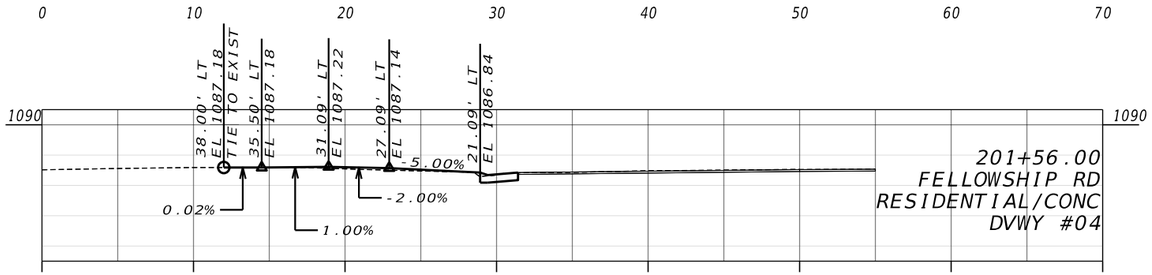


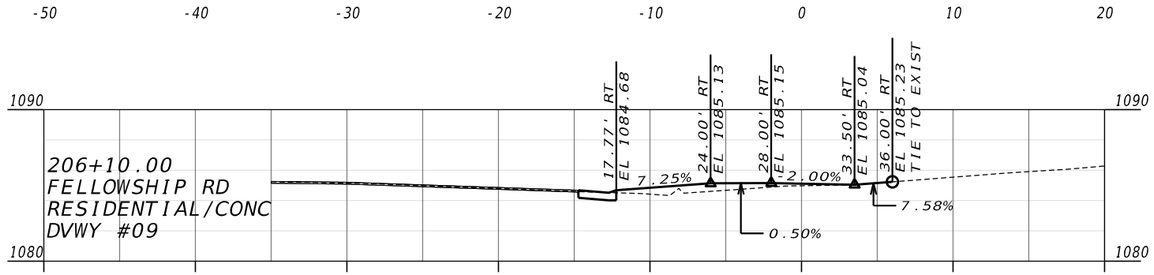


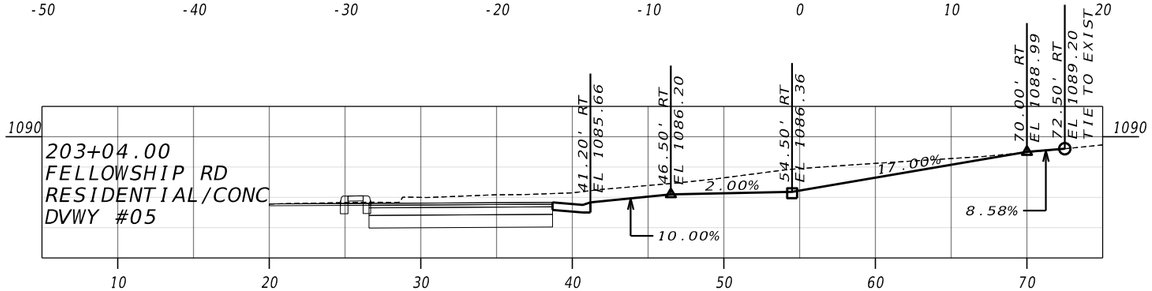


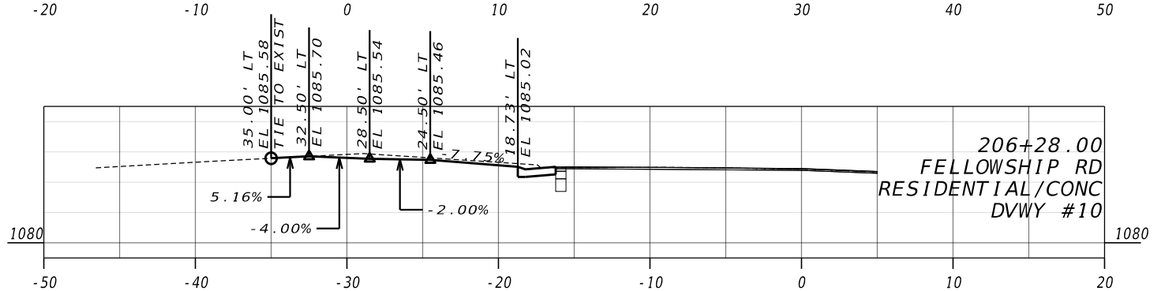












NOTE:
5.00' VC AT ALL PVI'S DENOTED BY: △
10.00' VC AT ALL PVI'S DENOTED BY: □
MATCH EXISTING: ○

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Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 5 10 20

REVISION DATES

DRIVEWAY PROFILES
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		17-0001
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

CENTERLINE INTERSECTION
STA. 104+33.87 IDLEWOOD RD =
STA. 203+59.16 FELLOWSHIP RD

103+00 104+00 105+00 201+00 202+00 204+00

℄ DE102 ℄ DE103 ℄ DE104 ℄ DE105 ℄ DE100 ℄ DE200 ℄ DE202 ℄ DE203 ℄ DE204 ℄ DE205 ℄ DE 300

FELLOW-SHIP RD

IDLEWOOD RD

GLYN-BROOK DR

MATCH LINE STA. 106+50.00 DRAWING No. 18-0002

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	EXISTING LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	EXISTING LIMIT OF ACCESS & R/W
EASEMENT FOR CONSTR OF DRIVES	REQ'D LIMIT OF ACCESS & R/W
	ORANGE BARRIER FENCE
	ESA - ENV. SENSITIVE AREA

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

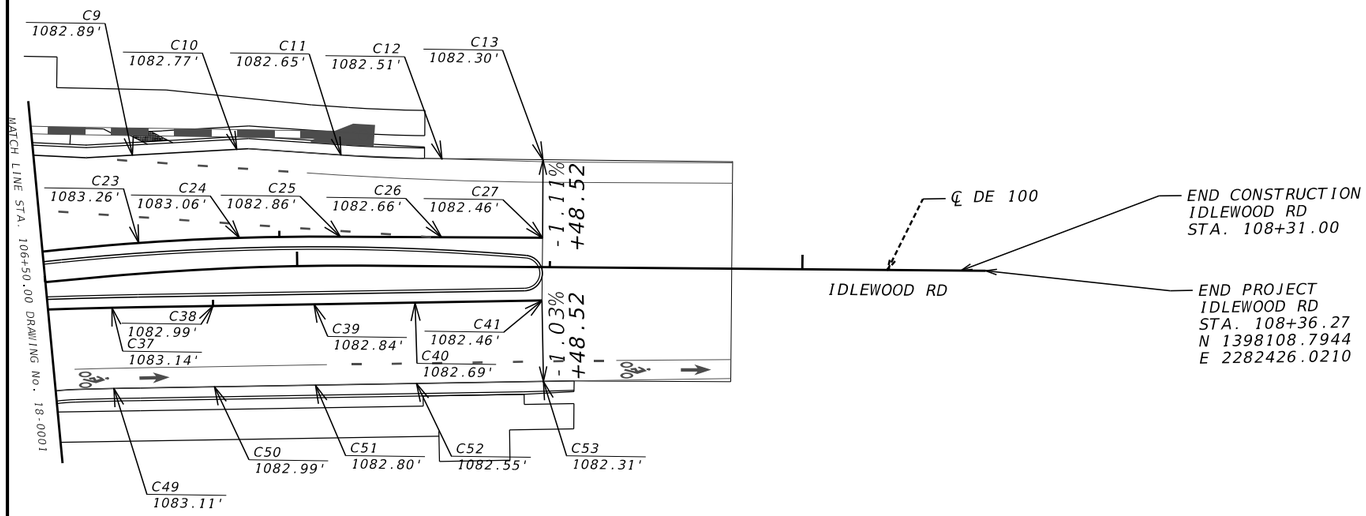
SCALE IN FEET
0 15 30 60

REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
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REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLM-CE
11/05/2020

Point	Alignment	Station	Offset	Northing	Easting	Elevation
A1	IDELWOOD RD	102+43.487	-20.12	1397520.458	2282400.286	1087.446
A2	IDELWOOD RD	102+63.541	-19.37	1397539.766	2282399.05	1087.301
A3	IDELWOOD RD	102+83.434	-18.77	1397559.003	2282396.978	1087.155
A4	IDELWOOD RD	103+02.812	-17.44	1397578.36	2282395.388	1087.01
A5	IDELWOOD RD	103+22.373	-15.64	1397597.972	2282394.249	1086.858
A6	IDELWOOD RD	103+40.707	-17.78	1397616.946	2282389.657	1086.631
A7	IDELWOOD RD	103+57.578	-22.24	1397635.282	2282384.377	1086.381
A8	IDELWOOD RD	103+74.147	-29.34	1397654.243	2282378.013	1086.12
A9	IDELWOOD RD	103+82.099	-33.87	1397663.858	2282374.422	1085.985
A10	IDELWOOD RD	102+42.845	-5.14	1397521.092	2282415.273	1087.668
A11	IDELWOOD RD	102+63.005	-4.38	1397541.049	2282413.995	1087.347
A12	IDELWOOD RD	102+83.118	-3.77	1397560.933	2282411.853	1087.197
A13	IDELWOOD RD	103+03.117	-3.78	1397580.704	2282408.851	1087.001
A14	IDELWOOD RD	103+23.096	-4.66	1397600.327	2282404.994	1086.774
A15	IDELWOOD RD	103+42.529	-6.95	1397619.764	2282400.289	1086.547
A16	IDELWOOD RD	103+60.947	-11.85	1397638.876	2282394.778	1086.322
A17	IDELWOOD RD	103+78.174	-19.31	1397657.836	2282388.411	1086.095
A18	IDELWOOD RD	103+86.707	-24.22	1397667.824	2282384.683	1085.974
A19	IDELWOOD RD	102+42.845	6.00	1397522.02	2282426.365	1087.44
A20	IDELWOOD RD	102+62.624	6.26	1397541.942	2282424.605	1087.364
A21	IDELWOOD RD	102+82.411	6.97	1397561.839	2282422.578	1087.257
A22	IDELWOOD RD	103+02.395	7.78	1397581.719	2282420.395	1087.085
A23	IDELWOOD RD	103+22.378	8.60	1397601.6	2282418.212	1086.84
A24	IDELWOOD RD	103+44.931	8.81	1397623.279	2282415.831	1086.556
A25	IDELWOOD RD	103+66.161	10.22	1397643.506	2282416.987	1086.291
A26	IDELWOOD RD	103+82.963	14.96	1397658.802	2282423.003	1086.078
A27	IDELWOOD RD	102+42.821	18.01	1397522.997	2282438.345	1087.188
A28	IDELWOOD RD	102+62.332	18.54	1397543.105	2282436.836	1087.087
A29	IDELWOOD RD	103+21.801	22.79	1397603.15	2282432.33	1086.686
A30	IDELWOOD RD	103+39.981	23.74	1397619.912	2282431.073	1086.483
A31	IDELWOOD RD	103+63.141	24.97	1397640.269	2282431.636	1086.177
A32	IDELWOOD RD	103+76.262	28.73	1397651.39	2282436.043	1085.988

Point	Alignment	Station	Offset	Northing	Easting	Elevation
B1	FELLOWSHIP RD	202+92.125	36.85	1397737.578	2282349.513	1085.65
B2	FELLOWSHIP RD	202+71.550	32.03	1397756.445	2282339.998	1085.867
B3	FELLOWSHIP RD	202+51.554	31.44	1397772.155	2282327.613	1086.072
B4	FELLOWSHIP RD	202+35.152	31.32	1397784.808	2282317.175	1086.24
B5	FELLOWSHIP RD	202+21.707	31.22	1397795.180	2282308.620	1086.378
B6	FELLOWSHIP RD	202+01.736	27.25	1397813.048	2282298.850	1086.562
B7	FELLOWSHIP RD	201+85.348	23.68	1397827.900	2282291.062	1086.76
B8	FELLOWSHIP RD	203+01.081	12.44	1397746.379	2282373.978	1085.517
B9	FELLOWSHIP RD	202+81.795	7.24	1397764.503	2282365.582	1085.617
B10	FELLOWSHIP RD	202+71.740	5.93	1397773.055	2282360.134	1085.668
B11	FELLOWSHIP RD	202+51.743	5.44	1397788.700	2282347.670	1085.768
B12	FELLOWSHIP RD	202+21.896	5.23	1397811.725	2282328.677	1086.02
B13	FELLOWSHIP RD	202+01.897	5.08	1397827.153	2282315.950	1086.333
B14	FELLOWSHIP RD	201+85.484	4.96	1397839.815	2282305.506	1086.579
B15	FELLOWSHIP RD	202+95.122	-12.08	1397766.687	2282388.952	1085.099
B16	FELLOWSHIP RD	202+84.705	-8.83	1397772.586	2282379.771	1085.195
B17	FELLOWSHIP RD	202+71.112	-5.97	1397781.174	2282368.853	1085.317
B18	FELLOWSHIP RD	202+51.137	-4.43	1397795.505	2282354.853	1085.495
B19	FELLOWSHIP RD	202+25.098	-5.14	1397815.924	2282338.680	1085.817
B20	FELLOWSHIP RD	202+05.114	-5.63	1397831.562	2282326.228	1086.15
B21	FELLOWSHIP RD	201+85.484	-1.80	1397844.156	2282310.691	1086.5
B22	FELLOWSHIP RD	202+89.092	-28.88	1397782.093	2282397.960	1084.702
B23	FELLOWSHIP RD	202+80.394	-24.99	1397786.264	2282389.393	1084.821
B24	FELLOWSHIP RD	202+69.210	-21.09	1397792.338	2282379.226	1085.043
B25	FELLOWSHIP RD	202+49.586	-16.96	1397804.732	2282363.460	1085.272
B26	FELLOWSHIP RD	202+02.937	-16.79	1397840.396	2282333.388	1085.862
B27	FELLOWSHIP RD	201+82.443	-17.39	1397856.494	2282320.692	1086.246

Point	Alignment	Station	Offset	Northing	Easting	Elevation
C1	IDELWOOD RD	105+06.740	-38.81	1397783.22	2282401	1085.073
C2	IDELWOOD RD	105+16.867	-36.16	1397791.278	2282404	1084.923
C3	IDELWOOD RD	105+26.956	-33.84	1397799.58	2282406	1084.772
C4	IDELWOOD RD	105+49.497	-31.31	1397819.589	2282407	1084.433
C5	IDELWOOD RD	105+68.936	-31.46	1397838.922	2282405	1084.225
C6	IDELWOOD RD	106+08.941	-30.92	1397878.79	2282402	1083.788
C7	IDELWOOD RD	106+28.962	-28.22	1397898.979	2282403	1083.351
C8	IDELWOOD RD	106+48.985	-25.37	1397919.183	2282404	1083.051
C9	IDELWOOD RD	106+69.109	-23.5	1397939.833	2282404	1082.893
C10	IDELWOOD RD	106+88.961	-23.46	1397960.496	2282402	1082.769
C11	IDELWOOD RD	107+08.741	-21.88	1397981.123	2282403	1082.646
C12	IDELWOOD RD	107+28.468	-21.19	1398001.121	2282404	1082.507
C13	IDELWOOD RD	107+48.468	-21.21	1398021.121	2282404	1082.304
C14	IDELWOOD RD	104+95.986	-14.95	1397771.323	2282423	1084.985
C15	IDELWOOD RD	105+08.331	-11.27	1397782.396	2282428	1084.733
C16	IDELWOOD RD	105+23.263	-7.96	1397796.468	2282432	1084.514
C17	IDELWOOD RD	105+43.806	-5.47	1397816.432	2282434	1084.213
C18	IDELWOOD RD	105+69.134	-5.46	1397841.642	2282431	1083.955
C19	IDELWOOD RD	105+89.134	-5.61	1397861.532	2282429	1083.856
C20	IDELWOOD RD	106+09.133	-5.76	1397881.422	2282427	1083.758
C21	IDELWOOD RD	106+29.133	-5.92	1397901.312	2282425	1083.633
C22	IDELWOOD RD	106+49.132	-6.07	1397921.203	2282423	1083.458
C23	IDELWOOD RD	106+69.021	-6.07	1397941.116	2282421	1083.258
C24	IDELWOOD RD	106+88.804	-5.93	1397961.086	2282420	1083.058
C25	IDELWOOD RD	107+08.593	-5.7	1397981.083	2282420	1082.858
C26	IDELWOOD RD	107+28.520	-5.72	1398001.083	2282420	1082.658
C27	IDELWOOD RD	107+48.520	-5.79	1398021.082	2282420	1082.459
C28	IDELWOOD RD	104+86.217	15.01	1397756.835	2282451	1084.804
C29	IDELWOOD RD	105+04.410	9.81	1397776.689	2282449	1084.383
C30	IDELWOOD RD	105+23.360	6.43	1397796.543	2282447	1084.081
C31	IDELWOOD RD	105+42.761	4.96	1397816.397	2282444	1083.927
C32	IDELWOOD RD	105+62.749	4.48	1397836.251	2282442	1083.827
C33	IDELWOOD RD	105+82.743	4.03	1397856.107	2282439	1083.727
C34	IDELWOOD RD	106+02.743	3.92	1397876.002	2282437	1083.592
C35	IDELWOOD RD	106+22.739	4.26	1397895.937	2282436	1083.442
C36	IDELWOOD RD	106+42.724	5.04	1397915.902	2282434	1083.292
C37	IDELWOOD RD	106+62.728	6.25	1397935.889	2282434	1083.142
C38	IDELWOOD RD	106+82.951	7.29	1397955.885	2282433	1082.992
C39	IDELWOOD RD	107+03.225	7.62	1397975.882	2282433	1082.842
C40	IDELWOOD RD	107+23.392	7.26	1397995.878	2282433	1082.692
C41	IDELWOOD RD	107+48.520	6.63	1398021.01	2282432	1082.456
C42	IDELWOOD RD	104+89.585	27.06	1397758.358	2282464	1084.556
C43	IDELWOOD RD	105+06.823	21.98	1397778.191	2282461	1084.329
C44	IDELWOOD RD	105+24.729	18.62	1397798.024	2282459	1084.058
C45	IDELWOOD RD	105+43.044	17.05	1397817.857	2282456	1083.708
C46	IDELWOOD RD	105+63.035	16.5	1397837.702	2282454	1083.479
C47	IDELWOOD RD	106+22.323	19.17	1397896.969	2282451	1083.292
C48	IDELWOOD RD	106+41.936	20.74	1397916.642	2282450	1083.188
C49	IDELWOOD RD	106+61.637	22.2	1397936.286	2282450	1083.106
C50	IDELWOOD RD	106+82.375	23.29	1397956.191	2282449	1082.994
C51	IDELWOOD RD	107+03.264	23.62	1397976.187	2282449	1082.795
C52	IDELWOOD RD	107+23.791	23.26	1397996.183	2282449	1082.545
C53	IDELWOOD RD	107+48.920	22.64	1398021.315	2282448	1082.307

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REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
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CORRECTED:		DATE:		
VERIFIED:		DATE:		

Point	Alignment	Station	Offset	Northing	Easting	Elevation
D1	FELLOWSHIP RD	205+16.952	18.74	1397594.57	2282526	1085.486
D2	FELLOWSHIP RD	204+95.781	20.33	1397607.261	2282512	1085.584
D3	FELLOWSHIP RD	204+75.439	21.28	1397619.028	2282496	1085.682
D4	FELLOWSHIP RD	204+56.407	23.08	1397629.83	2282481	1085.779
D5	FELLOWSHIP RD	204+45.311	24.68	1397635.705	2282471	1085.844
D6	FELLOWSHIP RD	204+25.685	28.53	1397645.314	2282454	1085.994
D7	FELLOWSHIP RD	204+11.160	32.25	1397651.764	2282440	1086.114
D8	FELLOWSHIP RD	205+15.780	5.53	1397604.045	2282535	1086.093
D9	FELLOWSHIP RD	204+95.179	6.73	1397617.57	2282520	1085.913
D10	FELLOWSHIP RD	204+74.799	7.33	1397630.149	2282505	1085.973
D11	FELLOWSHIP RD	204+54.862	8.87	1397641.732	2282489	1086.034
D12	FELLOWSHIP RD	204+42.558	10.44	1397648.411	2282478	1086.048
D13	FELLOWSHIP RD	204+22.914	14	1397658.255	2282461	1085.987
D14	FELLOWSHIP RD	204+07.303	17.73	1397665.385	2282446	1085.938
D15	FELLOWSHIP RD	205+15.780	-4.46	1397610.61	2282543	1085.972
D16	FELLOWSHIP RD	204+96.225	-4.69	1397625.189	2282529	1086.025
D17	FELLOWSHIP RD	204+76.538	-5.36	1397638.783	2282514	1085.945
D18	FELLOWSHIP RD	204+56.541	-5.16	1397651.433	2282499	1085.865
D19	FELLOWSHIP RD	204+41.500	-4.84	1397660.822	2282487	1085.805
D20	FELLOWSHIP RD	204+21.539	-6.09	1397674.564	2282473	1085.725
D21	FELLOWSHIP RD	204+06.001	-9.66	1397687.257	2282463	1085.559
D22	FELLOWSHIP RD	205+15.751	-16.46	1397618.514	2282552	1085.913
D23	FELLOWSHIP RD	204+96.510	-16.69	1397633.701	2282538	1085.943
D24	FELLOWSHIP RD	205+15.751	-16.46	1397618.514	2282552	1085.913
D25	FELLOWSHIP RD	204+56.289	-17.15	1397660.81	2282506	1085.686
D26	FELLOWSHIP RD	204+42.251	-16.86	1397669.573	2282495	1085.595
D27	FELLOWSHIP RD	204+22.314	-18.5	1397683.601	2282481	1085.463
D28	FELLOWSHIP RD	204+10.095	-22.97	1397694.857	2282475	1085.378
D29	FELLOWSHIP RD	204+76.753	-17.36	1397647.861	2282522	1085.82

Point	Alignment	Station	Offset	Northing	Easting	Elevation
E1	CIRCULATORY ROADWAY	301+46.078	18.24	1397673.036	2282393	1085.933
E2	CIRCULATORY ROADWAY	301+36.078	32.63	1397676.059	2282370	1085.926
E3	CIRCULATORY ROADWAY	301+26.078	30.98	1397695.395	2282362	1085.838
E4	CIRCULATORY ROADWAY	30116.078	34.72	1397715.901	2282356	1085.747
E5	CIRCULATORY ROADWAY	300+96.078	28.31	1397750.949	2282377	1085.465
E6	CIRCULATORY ROADWAY	300+86.078	29.34	1397759.04	2282383	1085.28
E7	CIRCULATORY ROADWAY	300+66.078	22.48	1397770.349	2282426	1084.968
E8	CIRCULATORY ROADWAY	300+56.078	21.80	1397764.082	2282440	1084.868
E9	CIRCULATORY ROADWAY	300+36.078	25.28	1397744.441	2282466	1084.786
E10	CIRCULATORY ROADWAY	300+26.078	20.54	1397727.921	2282468	1085.009
E11	CIRCULATORY ROADWAY	300+16.078	20.23	1397712.48	2282470	1085.206
E12	CIRCULATORY ROADWAY	301+86.078	20.67	1397675.099	2282454	1085.764
E13	CIRCULATORY ROADWAY	301+56.078	19.87	1397664.546	2282407	1086.039
E14	CIRCULATORY ROADWAY	301+46.078	2.00	1397686.312	2282402	1085.899
E15	CIRCULATORY ROADWAY	301+36.078	2.00	1397693.809	2282394	1085.736
E16	CIRCULATORY ROADWAY	301+26.078	2.00	1397703.384	2282390	1085.645
E17	CIRCULATORY ROADWAY	301+16.078	2.00	1397713.947	2282389	1085.618
E18	CIRCULATORY ROADWAY	301+06.078	2.00	1397724.296	2282391	1085.555
E19	CIRCULATORY ROADWAY	300+96.078	2.00	1397733.253	2282397	1085.462
E20	CIRCULATORY ROADWAY	300+86.078	2.00	1397740.653	2282404	1085.366
E21	CIRCULATORY ROADWAY	300+72.394	2.00	1397750.782	2282413	1085.235
E22	CIRCULATORY ROADWAY	300+66.078	2.00	1397750.429	2282421	1085.19
E23	CIRCULATORY ROADWAY	300+56.078	2.00	1397746.674	2282431	1085.152
E24	CIRCULATORY ROADWAY	300+46.078	2.00	1397740.5	2282439	1085.145
E25	CIRCULATORY ROADWAY	300+36.078	2.00	1397732.33	2282446	1085.169
E26	CIRCULATORY ROADWAY	300+26.078	2.00	1397722.728	2282450	1085.253
E27	CIRCULATORY ROADWAY	300+16.078	2.00	1397712.329	2282452	1085.395
E28	CIRCULATORY ROADWAY	300+06.078	2.00	1397701.839	2282450	1085.564
E29	CIRCULATORY ROADWAY	301+86.078	2.00	1397688.854	2282441	1085.795
E30	CIRCULATORY ROADWAY	301+76.078	2.00	1397683.094	2282432	1085.945
E31	CIRCULATORY ROADWAY	301+66.078	2.00	1397680.631	2282422	1086.013
E32	CIRCULATORY ROADWAY	301+56.078	2.00	1397681.746	2282412	1086
E33	CIRCULATORY ROADWAY	301+46.078	-12.50	1397698.167	2282410	1086.203
E34	CIRCULATORY ROADWAY	301+26.078	-12.50	1397707.381	2282404	1086.056
E35	CIRCULATORY ROADWAY	301+06.078	-12.50	1397718.666	2282404	1085.886
E36	CIRCULATORY ROADWAY	300+86.078	-15.75	1397728.713	2282417	1085.688
E37	CIRCULATORY ROADWAY	300+46.078	-15.77	1397727.629	2282427	1085.608
E38	CIRCULATORY ROADWAY	300+26.078	-12.81	1397718.581	2282436	1085.672
E39	CIRCULATORY ROADWAY	300+06.078	-12.50	1397706.547	2282436	1085.913
E40	CIRCULATORY ROADWAY	301+76.078	-12.50	1397696.43	2282427	1086.203

Point	Alignment	Station	Offset	Northing	Easting	Elevation
F1	IDELWOOD RD	102+74.169	24.28	1397556.042	2282440.929	1086.962
F2	IDELWOOD RD	102+91.004	34.54	1397574.457	2282448.555	1086.725
F3	FELLOWSHIP RD	103+04.479	49.23	1397589.976	2282461.062	1086.426
F4	FELLOWSHIP RD	204+72.518	47.16	1397601.018	2282477.665	1086.118
F5	FELLOWSHIP RD	204+85.918	32.05	1397604.244	2282497.382	1085.817
F6	IDELWOOD RD	103+17.946	40.03	1397601.916	2282449.948	1086.372
F7	FELLOWSHIP RD	204+56.361	38.23	1397618.225	2282470.976	1085.915
F8	FELLOWSHIP RD	202+42.223	-38.46	1397824.184	2282375.224	1084.978
F9	IDELWOOD RD	105+69.506	-38.11	1397838.845	2282398.656	1084.29
F10	FELLOWSHIP RD	201+96.067	-21.11	1397848.434	2282332.288	1085.901
F11	FELLOWSHIP RD	202+13.602	-30.51	1397841.024	2282350.753	1085.441
F12	FELLOWSHIP RD	202+25.771	-46.17	1397841.748	2282370.575	1084.981
F13	IDELWOOD RD	105+82.570	-47.39	1397850.945	2282388.144	1084.521
F14	IDELWOOD RD	105+97.673	-34.6	1397867.218	2282399.41	1084.061

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REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-0004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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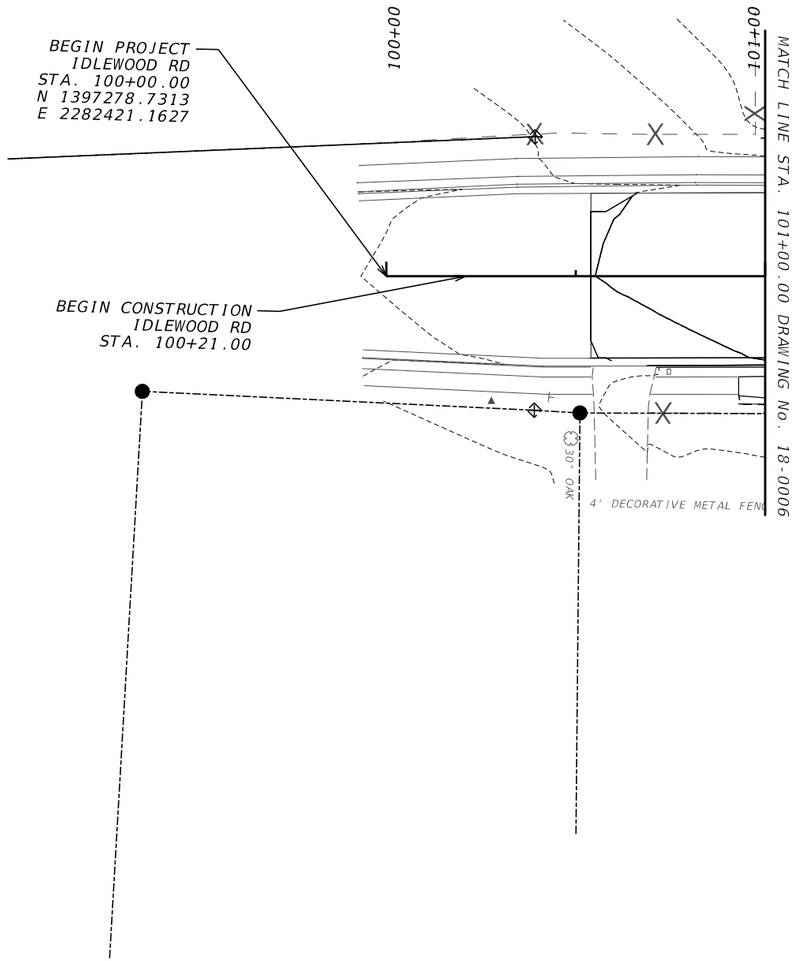
11/05/2020



PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	EXISTING LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	EXISTING LIMIT OF ACCESS & R/W
EASEMENT FOR CONSTR OF DRIVES	REQ'D LIMIT OF ACCESS & R/W
	ORANGE BARRIER FENCE
	ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
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VERIFIED:		DATE:		

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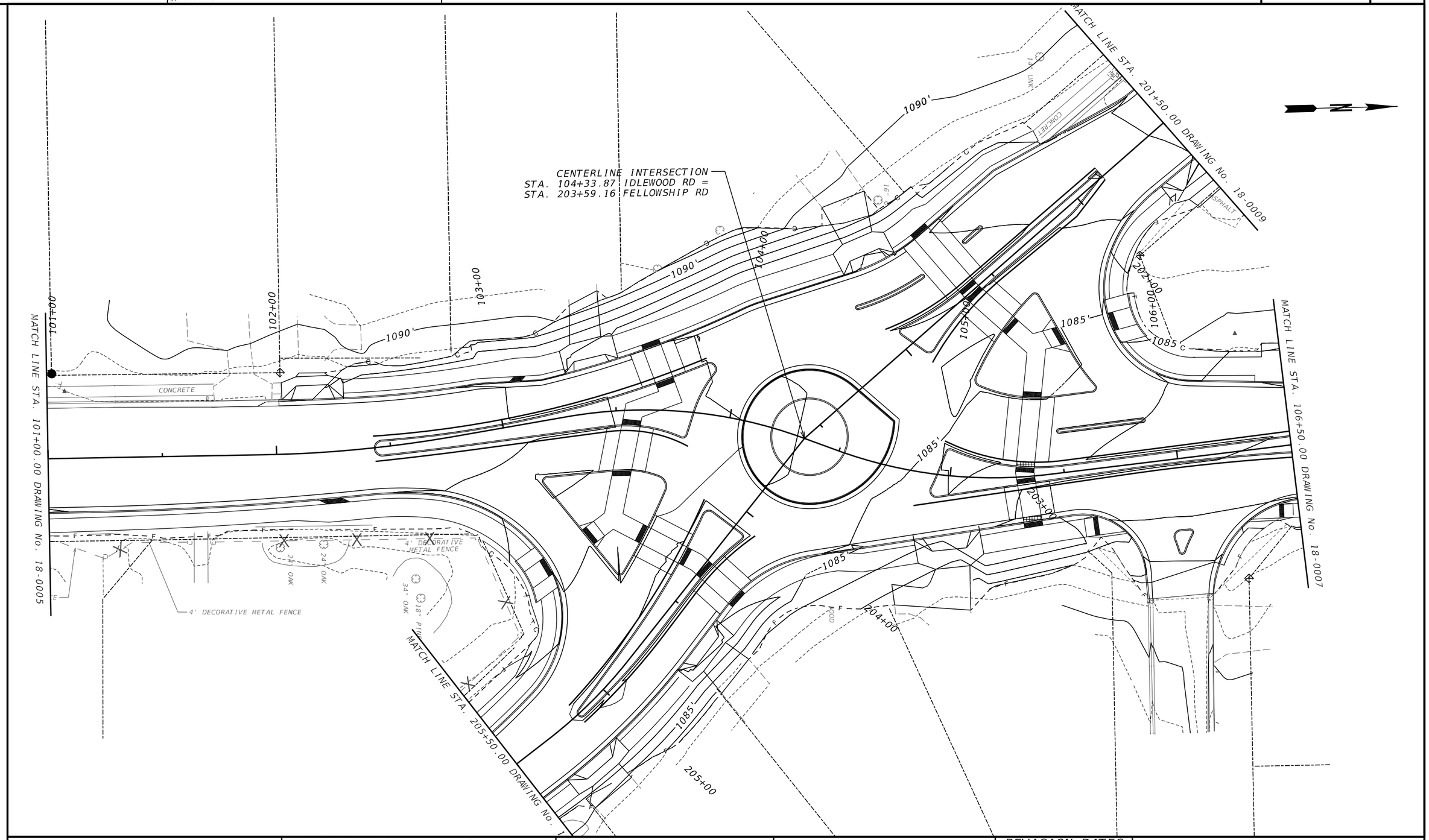

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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IDLEWOOD RD AT FELLOWSHIP RD

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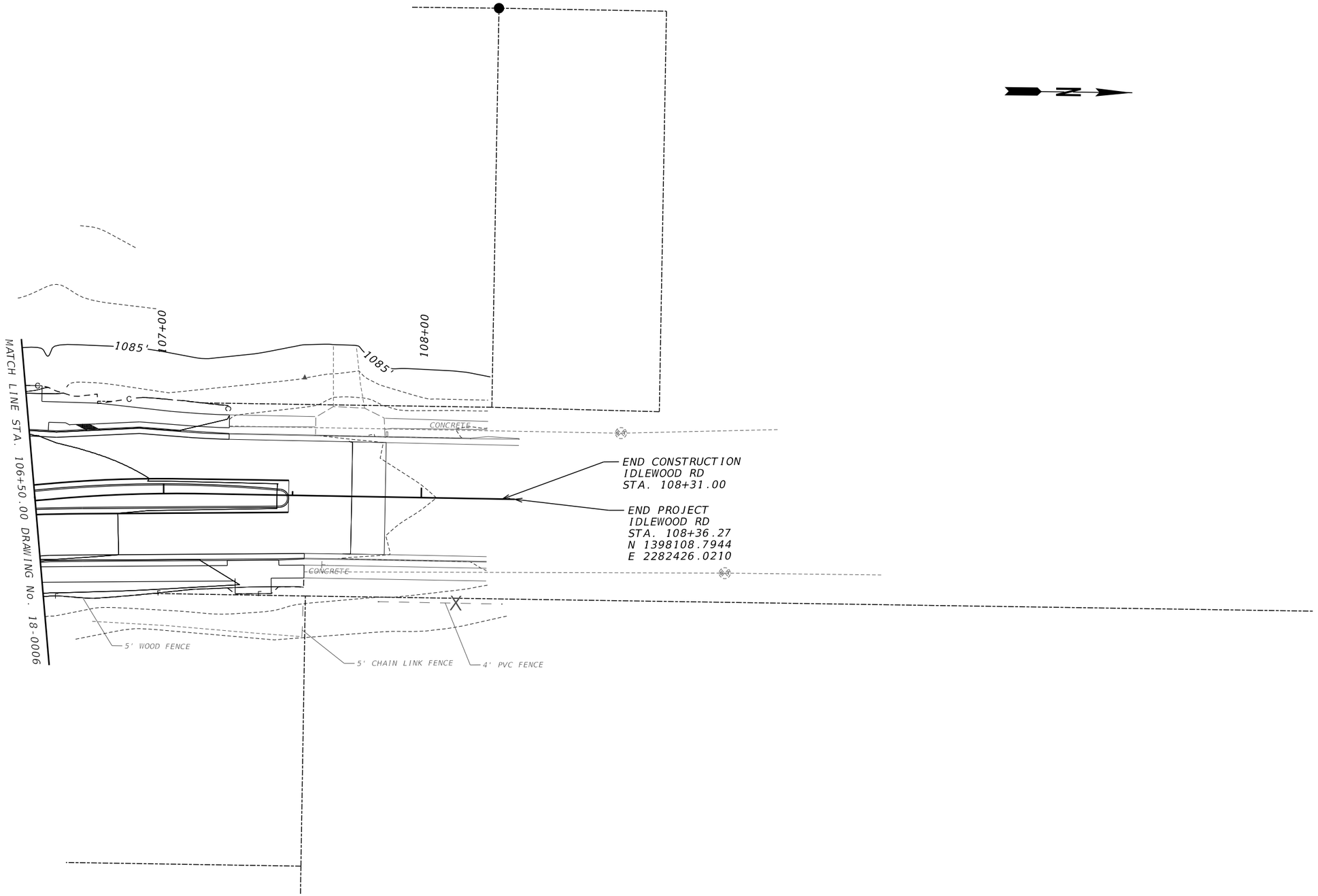

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

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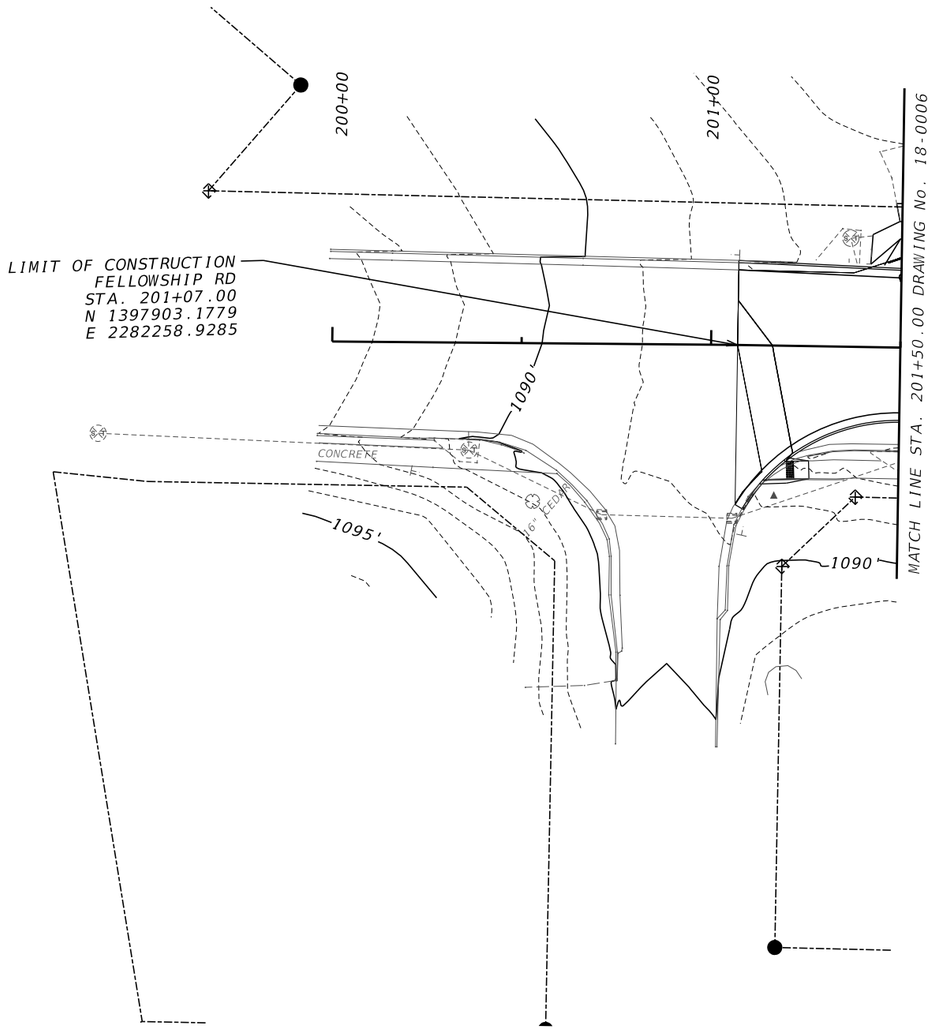

PROPERTY AND EXISTING R/W LINE	℄
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

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REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

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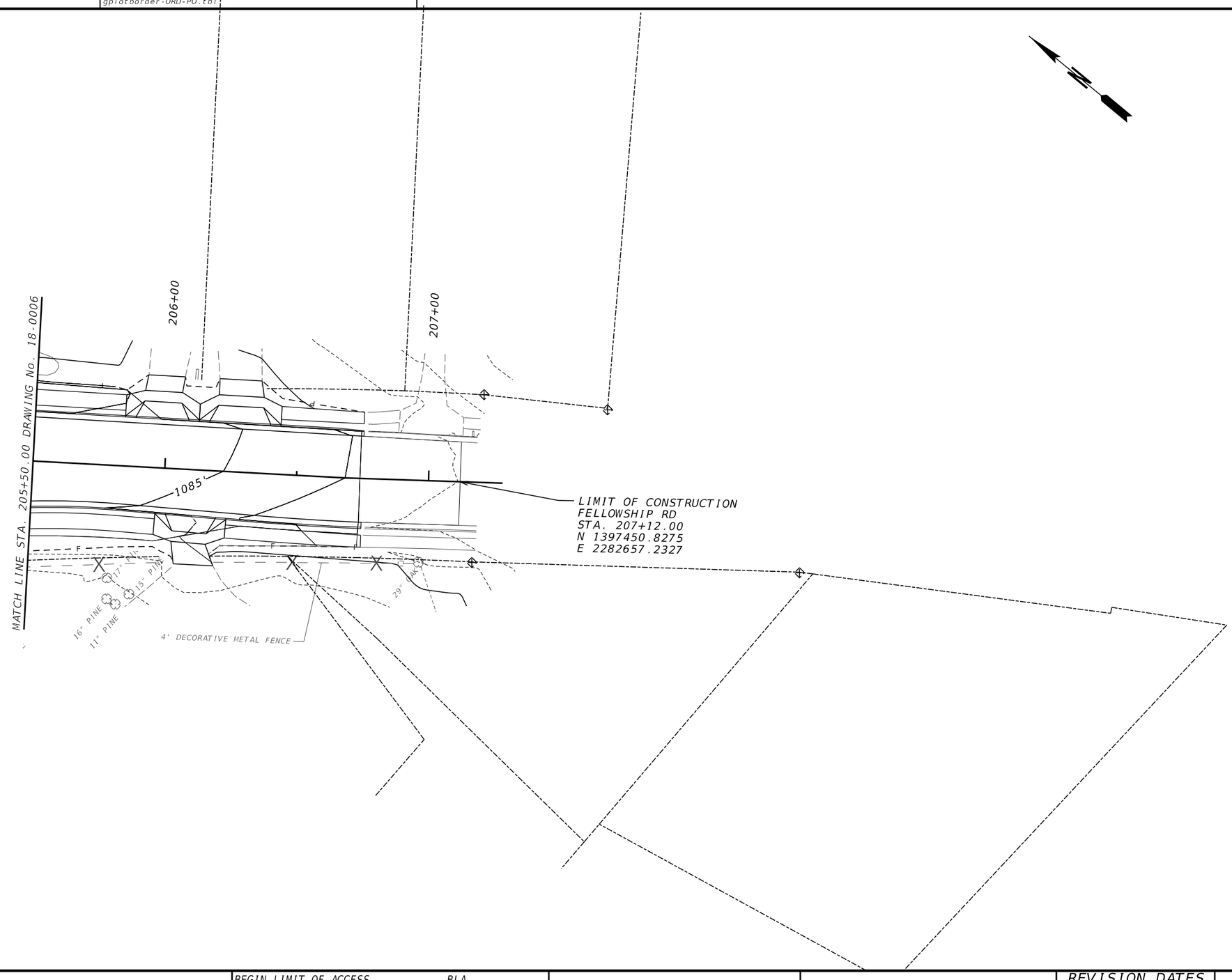
CORRECTED:		DATE:		
VERIFIED:		DATE:		



PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	EXISTING LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	EXISTING LIMIT OF ACCESS & R/W
EASEMENT FOR CONSTR OF DRIVES	REQ'D LIMIT OF ACCESS & R/W
	ORANGE BARRIER FENCE
	ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
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REVISION DATES

SPECIAL GRADING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		18-0009
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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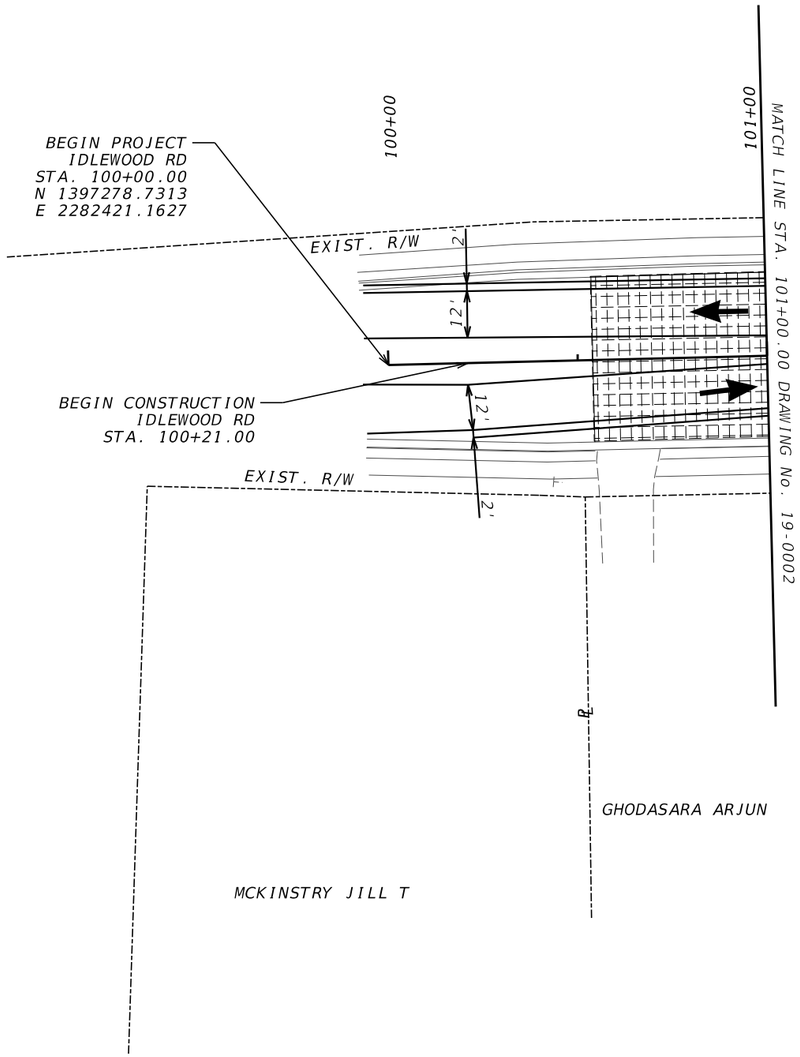
CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

<u>STAGE 1</u>:
- INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
- REDUCE SPEED TO 25MPH.
- MAINTAIN DRIVEWAYS INGRESS/EGRESS AT ALL TIMES DURING CONSTRUCTION.
- UTILIZE LANE CLOSURES PER GA STD. 9102, AS NECESSARY.

<u>STAGE 1A</u>:
- SHIFT TRAFFIC AS DIRECTED IN DRAWINGS. REDUCE LANES ON IDLEWOOD RD AND FELLOWSHIP RD TO TWO LANES. INSTALL TEMPORARY SIGNAL AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ALONG IDLEWOOD RD AND FELLOWSHIP RD AS DIRECTED IN DRAWINGS.
- MILLING, LEVELING, AND OVERLAY TO BE PERFORMED UNDER TRAFFIC.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON WEST SIDE OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-3, A-4, A-5, A-6, A-7, B-3, B-4, B-5, B-6, B-7, B-8, B-9, AND B-11 UTILIZING SINGLE LANE CLOSURESAS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 1

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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STAGE 1:

- *INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.*
- *REDUCE SPEED TO 25MPH.*
- *MAINTAIN DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.*
- *REPLACE EXISTING 18"CMP CONNECTING DRAINAGE STRUCTURES A-5, A-4, A-3, A-6, AND A-2 WITH 18" CONCRETE PIPE. REPLACE EXISTING 18"CMP CONNECTING DRAINAGE STRUCTURES B-6, B-3, AND B-7 WITH 18"CONCRETE PIPE. REPLACE EXISTING 18"CMP CONNECTING DRAINAGE STRUCTURES B-EX-2 AND B-4 WITH 18"CONCRETE PIPE.*
- *UTILIZE LANE CLOSURES PER GA STD. 9102, AS NECESSARY.*

STAGE 1A:

- *SHIFT TRAFFIC AS DIRECTED IN DRAWINGS. REDUCE LANES ON IDLEWOOD RD AND FELLOWSHIP RD TO TWO LANES. INSTALL TEMPORARY SIGNAL AS DIRECTED IN DRAWINGS.*
- *BEGIN CONSTRUCTION ALONG IDLEWOOD RD AND FELLOWSHIP RD AS DIRECTED IN DRAWINGS.*
- *MILLING, LEVELING, AND OVERLAY TO BE PERFORMED UNDER TRAFFIC.*
- *INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON WEST SIDE OF THEINTERSECTION AS DIRECTED IN DRAWINGS.*
- *INSTALL DRAINAGE STRUCTURES A-3, A-4, A-5, A-6, A-7, B-3, B-4, B-5, B-6, B-7, B-8, B-9, AND B-10 UTILIZING SINGLE LANE CLOSURES AS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.*
- *UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.*

CENTERLINE INTERSECTION
STA. 104+33.87 IDLEWOOD RD =
STA. 203+59.16 FELLOWSHIP RD

MATCH LINE STA. 101+00.00 DRAWING No. 19-0001
MATCH LINE STA. 201+50.00 DRAWING No. 19-0004
MATCH LINE STA. 106+50.00 DRAWING No. 19-0003
MATCH LINE STA. 205+50.00 DRAWING No. 19-0005

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 1

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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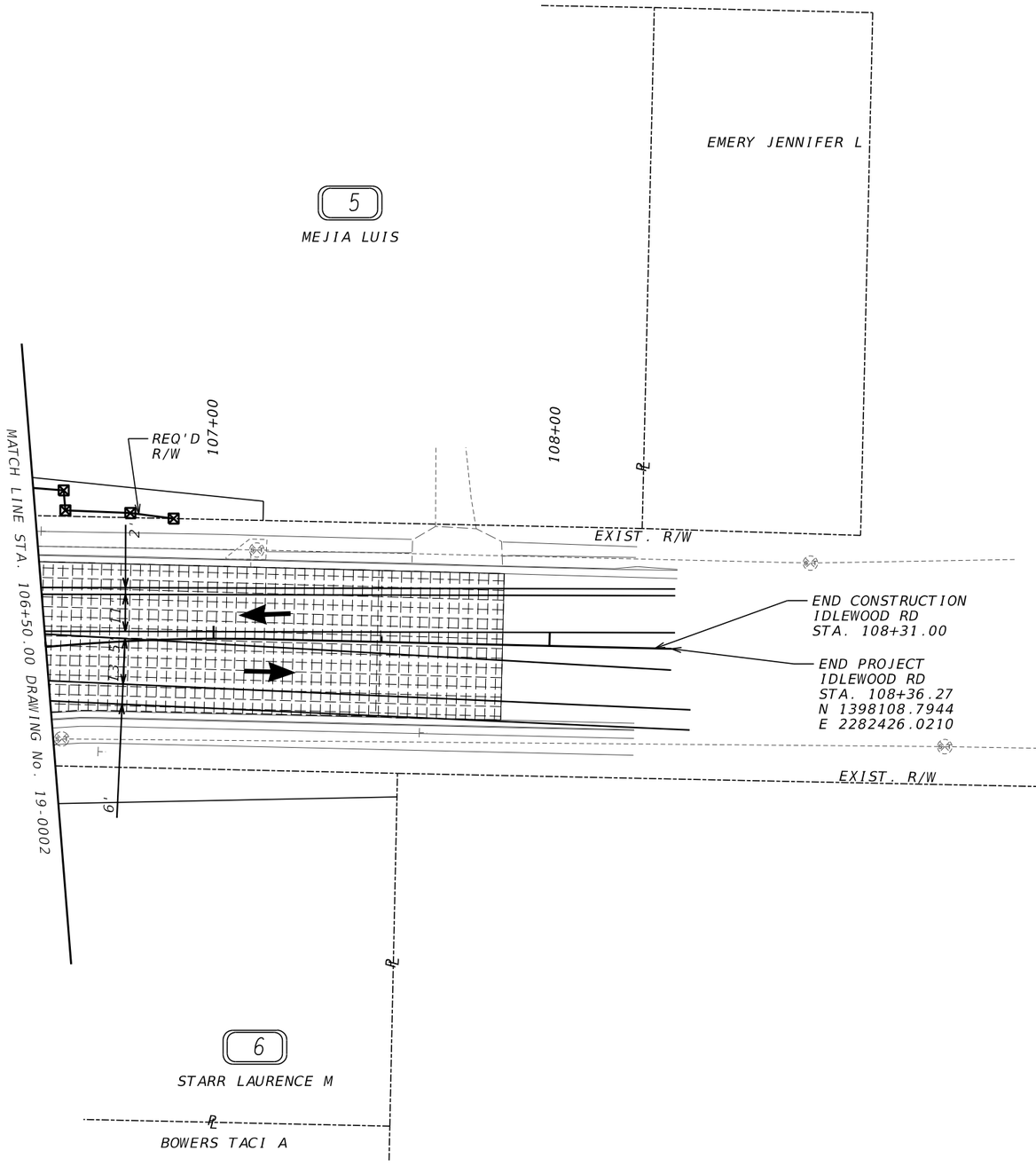

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CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

STAGE 1:
- INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
- REDUCE SPEED TO 25MPH.
- MAINTAIN DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- UTILIZE LANE CLOSURES PER GA STD. 9102, AS NECESSARY.

STAGE 1A:
- SHIFT TRAFFIC AS DIRECTED IN DRAWINGS. REDUCE LANES ON IDLEWOOD RD AND FELLOWSHIP RD TO TWO LANES. INSTALL TEMPORARY SIGNAL AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ALONG IDLEWOOD RD AND FELLOWSHIP RD AS DIRECTED IN DRAWINGS.
- MILLING, LEVELING, AND OVERLAY TO BE PERFORMED UNDER TRAFFIC.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON WEST SIDE OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-3, A-4, A-5, A-6, A-7, B-3, B-4, B-5, B-6, B-7, B-8, B-9, AND B-10 UTILIZING SINGLE LANE CLOSURESAS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.

STANFORD OAKS SPE 2018 LLC

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 1

CHECKED:		DATE:		DRAWING No.
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VERIFIED:		DATE:		

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CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

STAGE 1:
- INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
- REDUCE SPEED TO 25MPH.
- MAINTAIN DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- REPLACE EXISTING 18"CMP CONNECTING DRAINAGE STRUCTURE B-4 WITH 18"CONCRETE PIPE.
- UTILIZE LANE CLOSURES PER GA STD. 9102, AS NECESSARY.

STAGE 1A:
- SHIFT TRAFFIC AS DIRECTED IN DRAWINGS. REDUCE LANES ON IDLEWOOD RD AND FELLOWSHIP RD TO TWO LANES. INSTALL TEMPORARY SIGNAL AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ALONG IDLEWOOD RD AND FELLOWSHIP RD AS DIRECTED IN DRAWINGS.
- MILLING, LEVELING, AND OVERLAY TO BE PERFORMED UNDER TRAFFIC.
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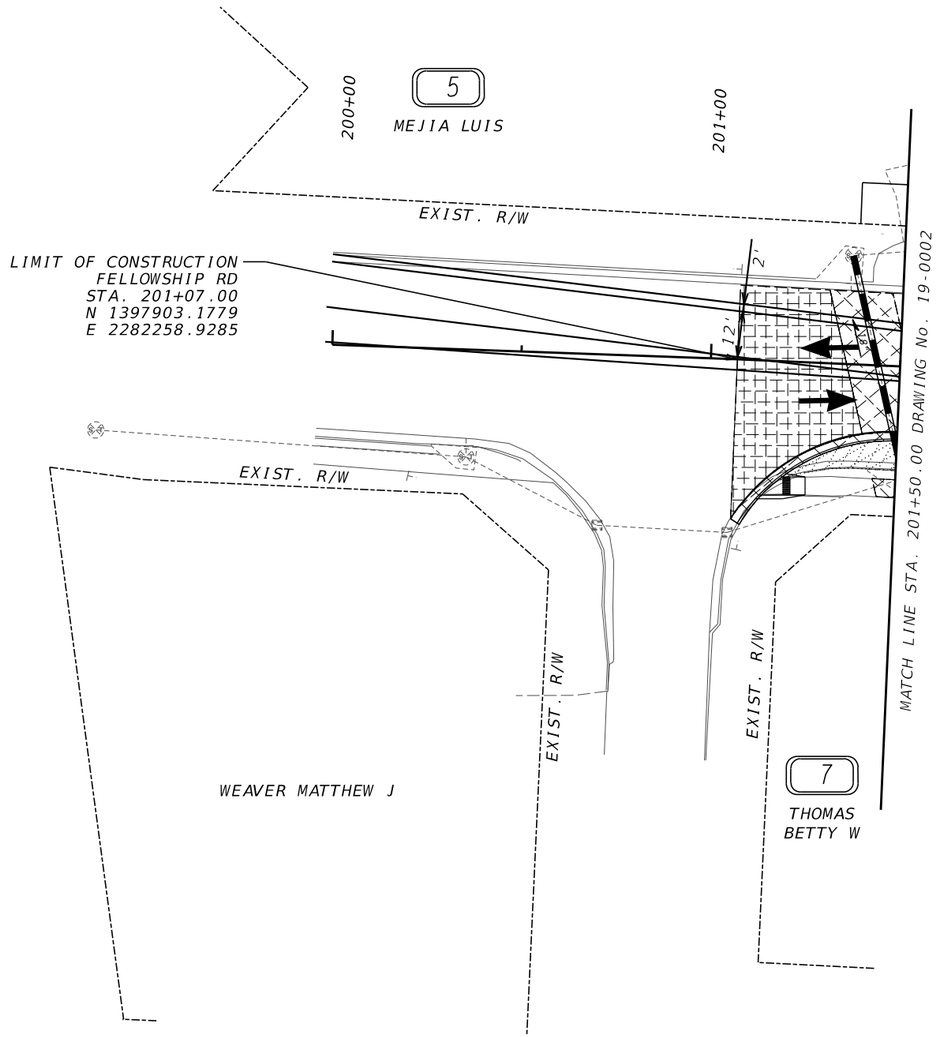
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 1

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

DRAWING No.
19-0004

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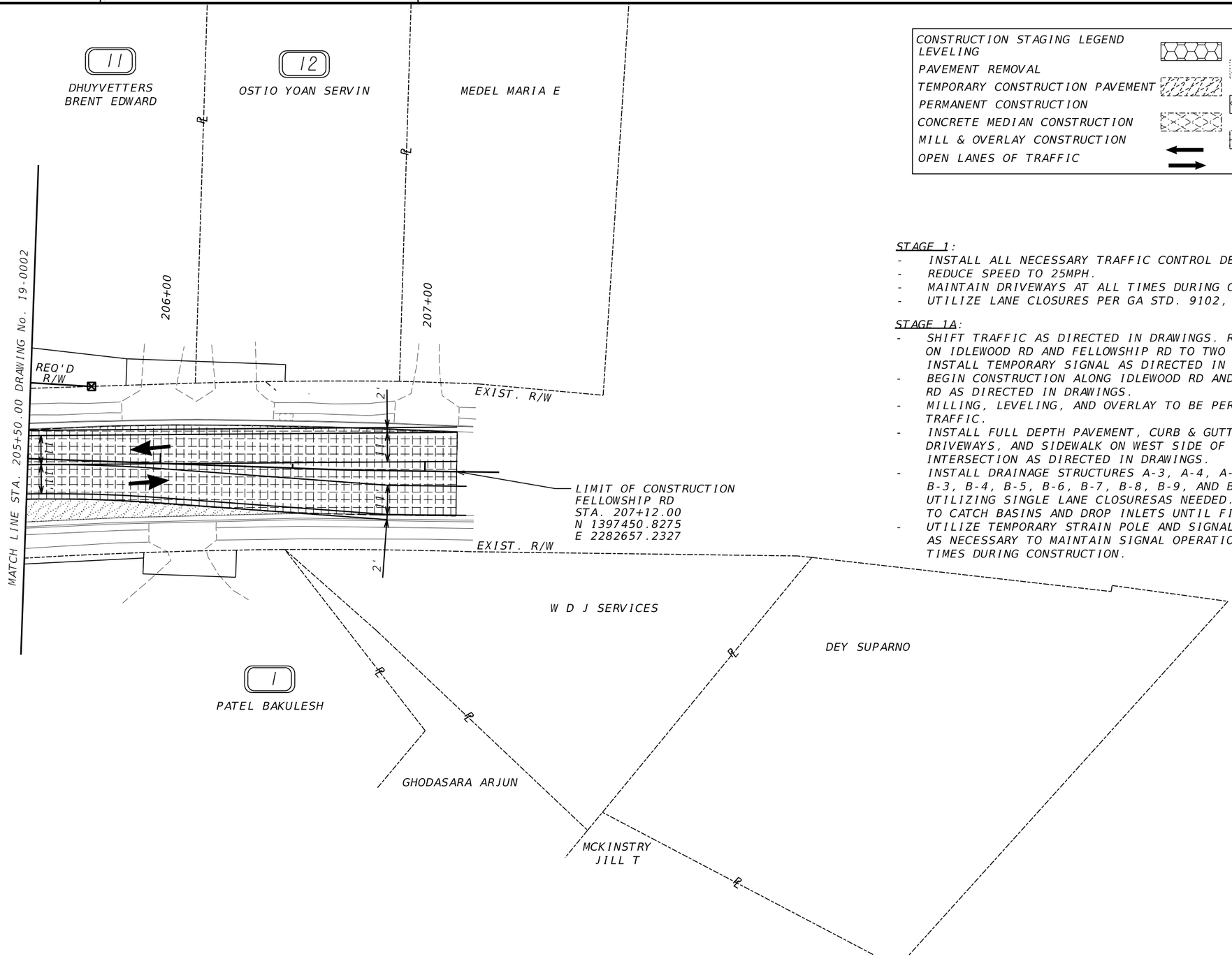

CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

<u>STAGE 1</u>:
- INSTALL ALL NECESSARY TRAFFIC CONTROL DEVICES.
- REDUCE SPEED TO 25MPH.
- MAINTAIN DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
- UTILIZE LANE CLOSURES PER GA STD. 9102, AS NECESSARY.

<u>STAGE 1A</u>:
- SHIFT TRAFFIC AS DIRECTED IN DRAWINGS. REDUCE LANES ON IDLEWOOD RD AND FELLOWSHIP RD TO TWO LANES. INSTALL TEMPORARY SIGNAL AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ALONG IDLEWOOD RD AND FELLOWSHIP RD AS DIRECTED IN DRAWINGS.
- MILLING, LEVELING, AND OVERLAY TO BE PERFORMED UNDER TRAFFIC.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON WEST SIDE OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-3, A-4, A-5, A-6, A-7, B-3, B-4, B-5, B-6, B-7, B-8, B-9, AND B-10 UTILIZING SINGLE LANE CLOSURESAS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.

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

- BEGIN LIMIT OF ACCESS.....BLA
- END LIMIT OF ACCESS.....ELA
- EXISTING LIMIT OF ACCESS
- REQ'D LIMIT OF ACCESS
- EXISTING LIMIT OF ACCESS & R/W
- REQ'D LIMIT OF ACCESS & R/W
- ORANGE BARRIER FENCE
- ESA - ENV. SENSITIVE AREA

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REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 1

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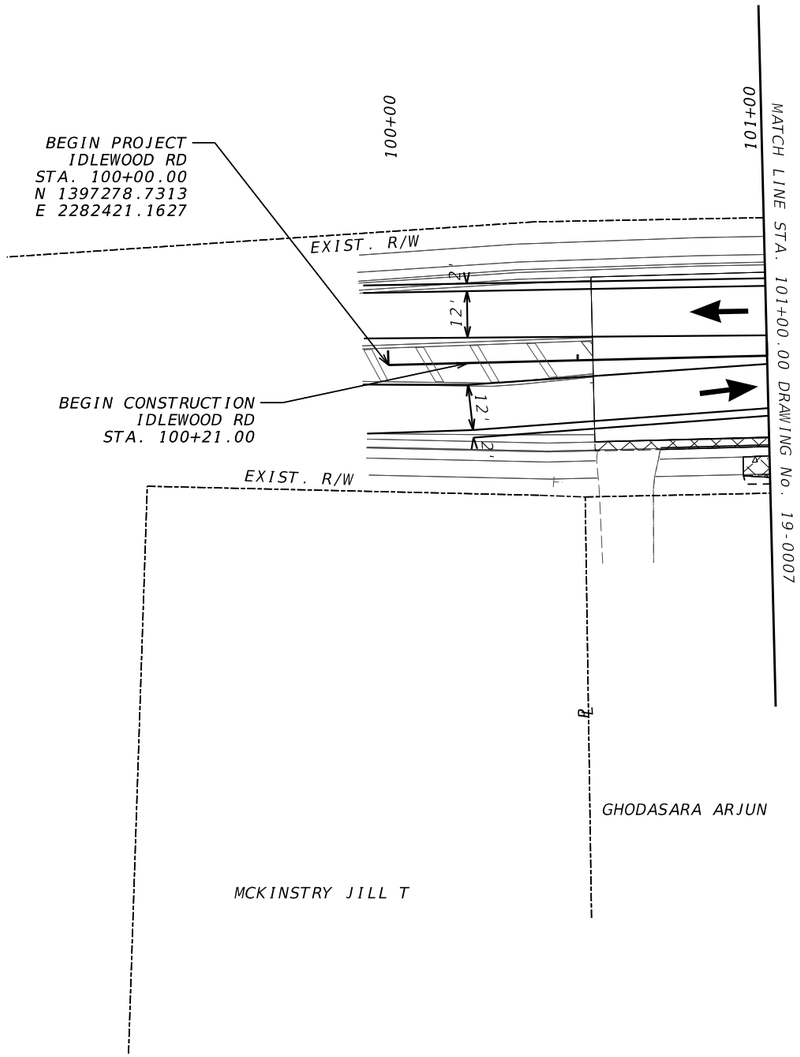
CONSTRUCTION STAGING LEGEND	
LEVELING	⬡
PAVEMENT REMOVAL	▒
TEMPORARY CONSTRUCTION PAVEMENT	▨
PERMANENT CONSTRUCTION	☒
CONCRETE MEDIAN CONSTRUCTION	☒
MILL & OVERLAY CONSTRUCTION	▦
OPEN LANES OF TRAFFIC	← →

STAGE 2:

- MAINTAIN TRAFFIC PATTERN AND TEMPORARY SIGNAL AS DIRECTED IN STAGE 1.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON NORTH, SOUTH, AND EAST SIDES OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-1, A-2, A-8, B-1, B-2, B-11 UTILIZING SINGLE LANE CLOSURES AS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.



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PROPERTY AND EXISTING R/W LINE	----P----
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	—C— —F—
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	▨
EASEMENT FOR CONSTR OF SLOPES	▨
EASEMENT FOR CONSTR OF DRIVES	☒

BEGIN LIMIT OF ACCESS............BLA	
END LIMIT OF ACCESS.............ELA	
EXISTING LIMIT OF ACCESS	— — ∞∞ — —
REQ'D LIMIT OF ACCESS	——∞∞——
EXISTING LIMIT OF ACCESS & R/W	------‖‖------
REQ'D LIMIT OF ACCESS & R/W	——‖‖——
ORANGE BARRIER FENCE	●——●——●
ESA - ENV. SENSITIVE AREA	▼——▼——▼

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REVISION DATES		

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 2

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

DRAWING No.
19-0006

STAGE 2:

- *MAINTAIN TRAFFIC PATTERN AND TEMPORARY SIGNAL AS DIRECTED IN STAGE 1.*
- *INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON NORTH, SOUTH, AND EAST SIDES OF THE INTERSECTION AS DIRECTED IN DRAWINGS.*
- *INSTALL DRAINAGE STRUCTURES A-1, A-2, A-8, B-1, B-2, B-11 UTILIZING SINGLE LANE CLOSURES AS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.*
- *UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.*

SAW LANCELOT

CENTERLINE INTERSECTION
STA. 104+33.87 IDLEWOOD RD =
STA. 203+59.16 FELLOWSHIP RD

THOMAS BETTY W 7
QUINN CONSTRUCTION INVESTMENTS LLC 3
SEWELL LYNN C 8
MEJIA LUIS 5
GHODASARA ARJUN 1
PATEL BAKULESH
MOTES ERNEST P 9
STARR LAURENCE M
BOWERS TACI A 6
DHUYVETTERS BRENT EDWARD 11
MEDEL FRANCISCO 10
JACKSON SUE S 4

MATCH LINE STA. 101+00.00 DRAWING No. 19-0006
MATCH LINE STA. 201+50.00 DRAWING No. 19-0009
MATCH LINE STA. 106+50.00 DRAWING No. 19-0008
MATCH LINE STA. 205+50.00 DRAWING No. 19-0010

EXIST. R/W
REQ'D R/W
101+00 102+00 103+00 104+00 200+00 201+00 202+00 203+00 204+00 205+00

CONSTRUCTION STAGING LEGEND
- *LEVELING*
- *PAVEMENT REMOVAL*
- *TEMPORARY CONSTRUCTION PAVEMENT*
- *PERMANENT CONSTRUCTION*
- *CONCRETE MEDIAN CONSTRUCTION*
- *MILL & OVERLAY CONSTRUCTION*
- *OPEN LANES OF TRAFFIC*

PROPERTY AND EXISTING R/W LINE	*BEGIN LIMIT OF ACCESS.....BLA*
REQUIRED R/W LINE	*END LIMIT OF ACCESS.....ELA*
CONSTRUCTION LIMITS	*EXISTING LIMIT OF ACCESS*
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	*REQ'D LIMIT OF ACCESS*
EASEMENT FOR CONSTR OF SLOPES	*EXISTING LIMIT OF ACCESS & R/W*
EASEMENT FOR CONSTR OF DRIVES	*REQ'D LIMIT OF ACCESS & R/W*
	ORANGE BARRIER FENCE
	ESA - ENV. SENSITIVE AREA

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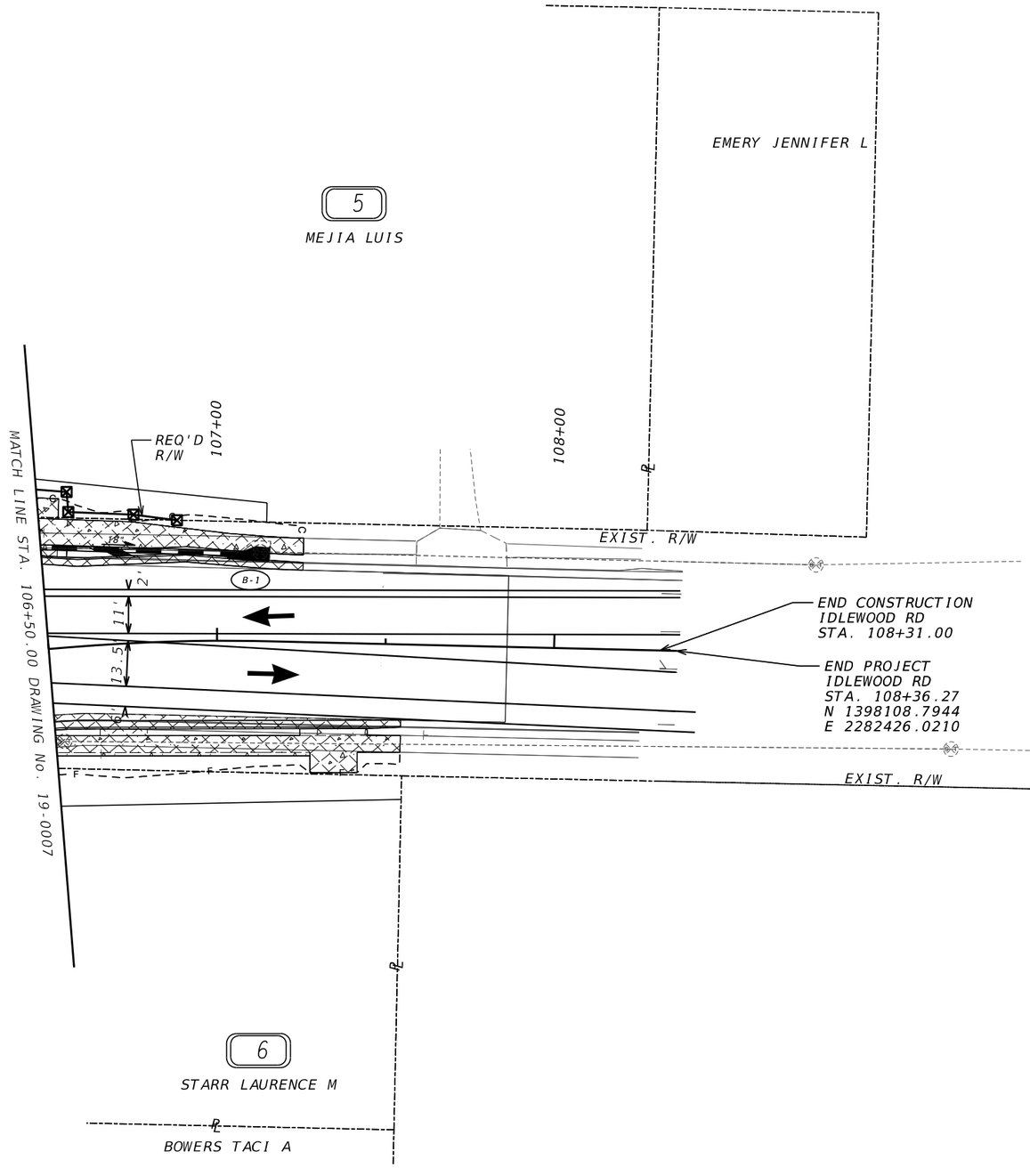
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 2

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

STAGE 2:
- MAINTAIN TRAFFIC PATTERN AND TEMPORARY SIGNAL AS DIRECTED IN STAGE 1.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON NORTH, SOUTH, AND EAST SIDES OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-1, A-2, A-8, B-1, B-2, B-11 UTILIZING SINGLE LANE CLOSURES AS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 2

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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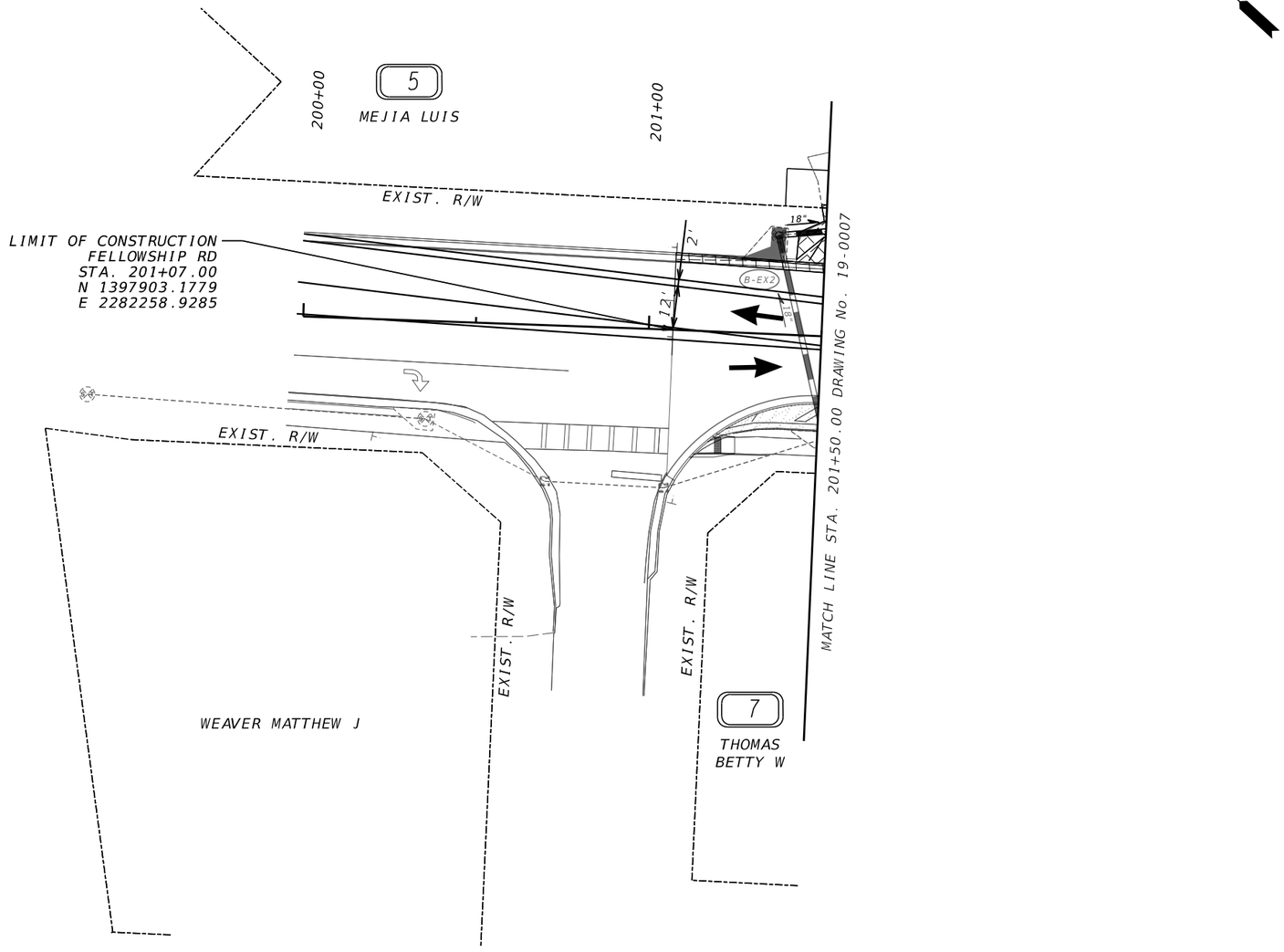
11/05/2020

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

STAGE 2:
- MAINTAIN TRAFFIC PATTERN AND TEMPORARY SIGNAL AS DIRECTED IN STAGE 1.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON NORTH, SOUTH, AND EAST SIDES OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-1, A-2, A-8, B-1, B-2, B-11 UTILIZING SINGLE LANE CLOSURES AS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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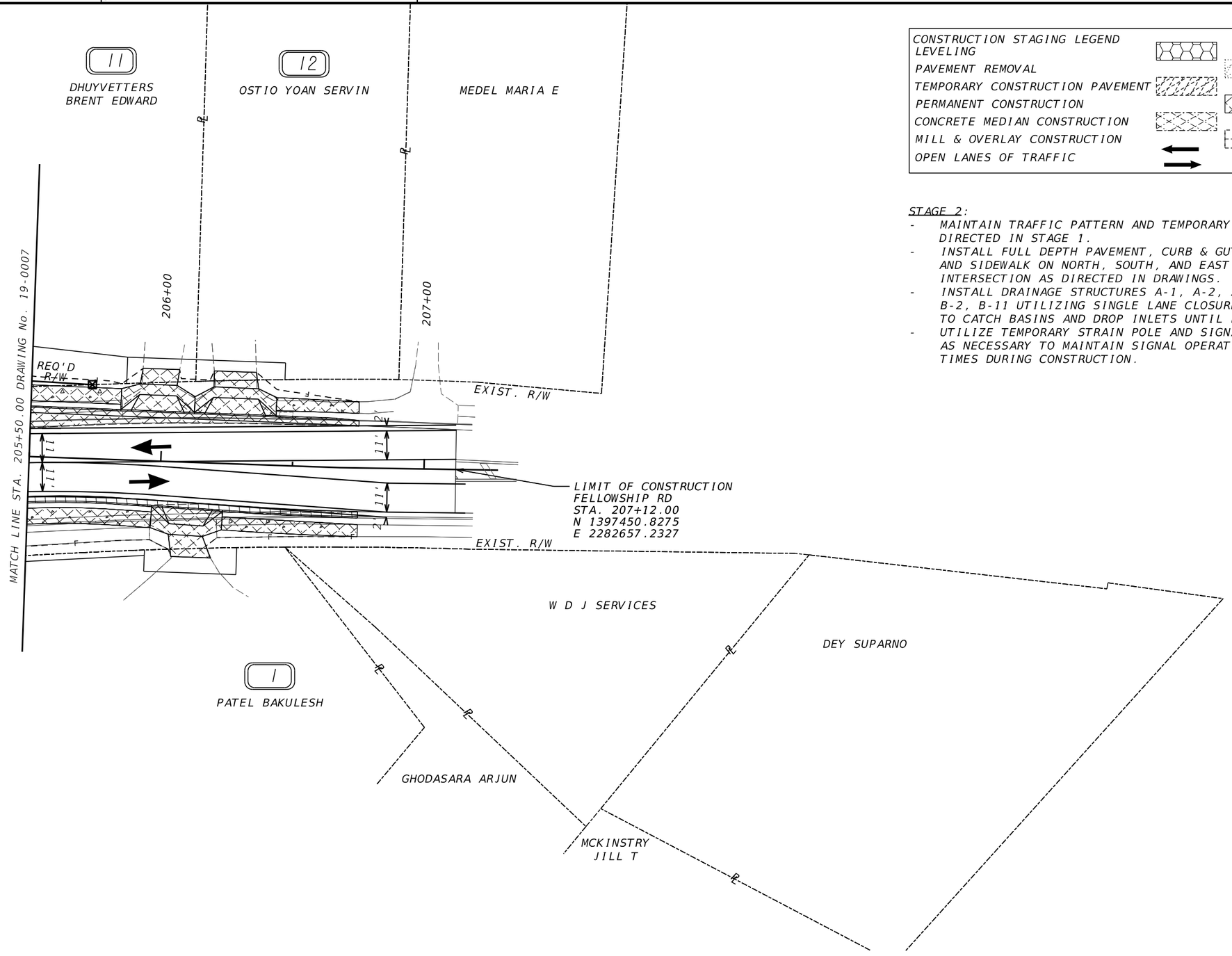
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 2

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0009
CORRECTED:		DATE:		
VERIFIED:		DATE:		



CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

STAGE 2:
- MAINTAIN TRAFFIC PATTERN AND TEMPORARY SIGNAL AS DIRECTED IN STAGE 1.
- INSTALL FULL DEPTH PAVEMENT, CURB & GUTTER, DRIVEWAYS, AND SIDEWALK ON NORTH, SOUTH, AND EAST SIDES OF THE INTERSECTION AS DIRECTED IN DRAWINGS.
- INSTALL DRAINAGE STRUCTURES A-1, A-2, A-8, B-1, B-2, B-11 UTILIZING SINGLE LANE CLOSURES AS NEEDED. ADD CAPS TO CATCH BASINS AND DROP INLETS UNTIL FINAL STAGE.
- UTILIZE TEMPORARY STRAIN POLE AND SIGNAL CABINET AS NECESSARY TO MAINTAIN SIGNAL OPERATIONS AT ALL TIMES DURING CONSTRUCTION.

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 2

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0010
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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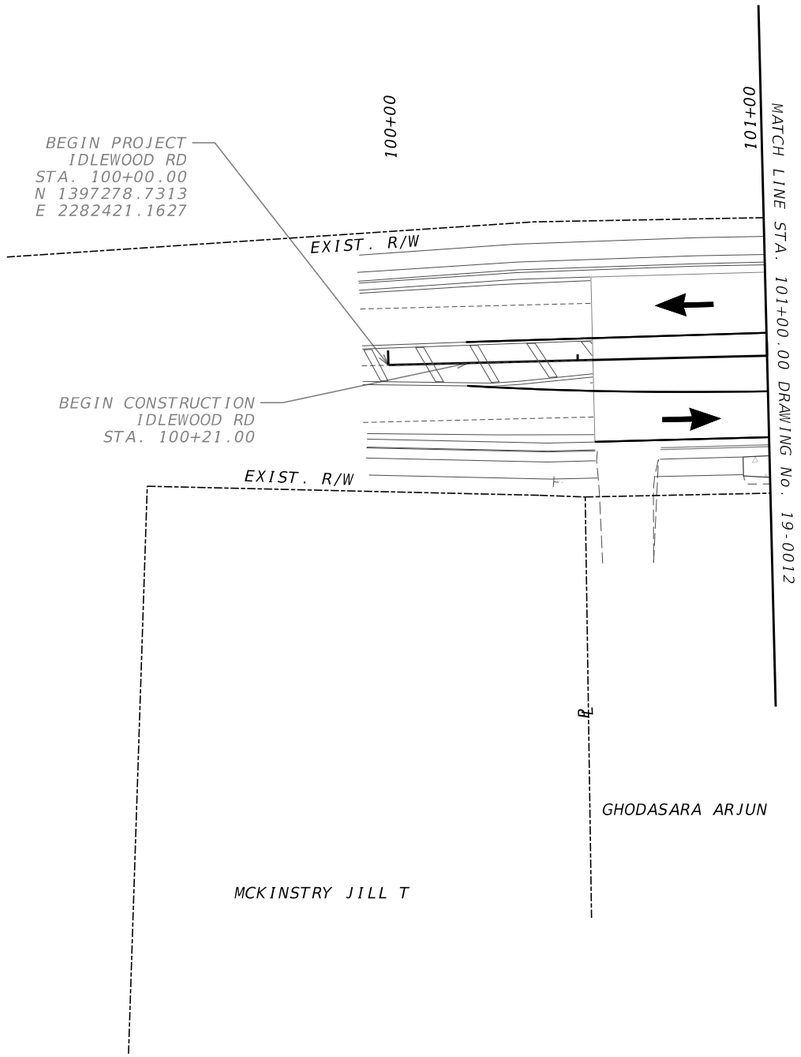
11/05/2020

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

STAGE 3:
- REMOVE TEMPORARY SIGNAL AND TEMPORARY TRAFFIC CONTROL. OPEN ROUNDABOUT TO OPERATIONS AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ON INTEGRAL MEDIANS, TRUCK APRON, CENTRAL ISLAND, AND RAISED LANE DIVIDERS.
- UTILIZE WEEKEND LANE CLOSURES TO CONSTRUCT RAISED CROSSWALKS.
- AFTER CENTRAL ISLAND, TRUCK APRON, MEDIANS, AND RAISED CROSSWALKS ARE COMPLETE, PLACE FINAL SURFACE COURSE OF ASPHALTIC PAVEMENT AND PLACE ALL FINAL PAVEMENT MARKING.



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 3

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0011
CORRECTED:		DATE:		
VERIFIED:		DATE:		

STAGE 3:
- *REMOVE TEMPORARY SIGNAL AND TEMPORARY TRAFFIC CONTROL. OPEN ROUNDABOUT TO OPERATIONS AS DIRECTED IN DRAWINGS.*
- *BEGIN CONSTRUCTION ON INTEGRAL MEDIANS, TRUCK APRON, CENTRAL ISLAND, AND RAISED LANE DIVIDERS.*
- *UTILIZE WEEKEND LANE CLOSURES TO CONSTRUCT RAISED CROSSWALKS.*
- *AFTER CENTRAL ISLAND, TRUCK APRON, MEDIANS, AND RAISED CROSSWALKS ARE COMPLETE, PLACE FINAL SURFACE COURSE OF ASPHALTIC PAVEMENT AND PLACE ALL FINAL PAVEMENT MARKING.*

SAW LANCELOT

THOMAS WILLIAM PAUL DR

3 QUINN CONSTRUCTION INVESTMENTS LLC

8 SEWELL LYNN C

CENTERLINE INTERSECTION
STA. 104+33.87 IDLEWOOD RD =
STA. 203+59.16 FELLOWSHIP RD

THOMAS BETTY W 7

MATCH LINE STA. 201+50.00 DRAWING No. 19-0014

2 MONDS MAIE EDNA

5 MEJIA LUIS

MATCH LINE STA. 101+00.00 DRAWING No. 19-0011

MATCH LINE STA. 106+50.00 DRAWING No. 19-0013

EXIST. R/W

REQ'D R/W

101+00 102+00 103+00 104+00 105+00 106+00 202+00 204+00 205+00

YIELD

GHODASARA ARJUN

1 PATEL BAKULESH

MATCH LINE STA. 205+50.00 DRAWING No. 19-0015

9 MOTES ERNEST P

11 DHUYVETTERS BRENT EDWARD

MEDEL FRANCISICO 10

4 JACKSON SUE S

6 STARR LAURENCE M
BOWERS TACI A

CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 3

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0012
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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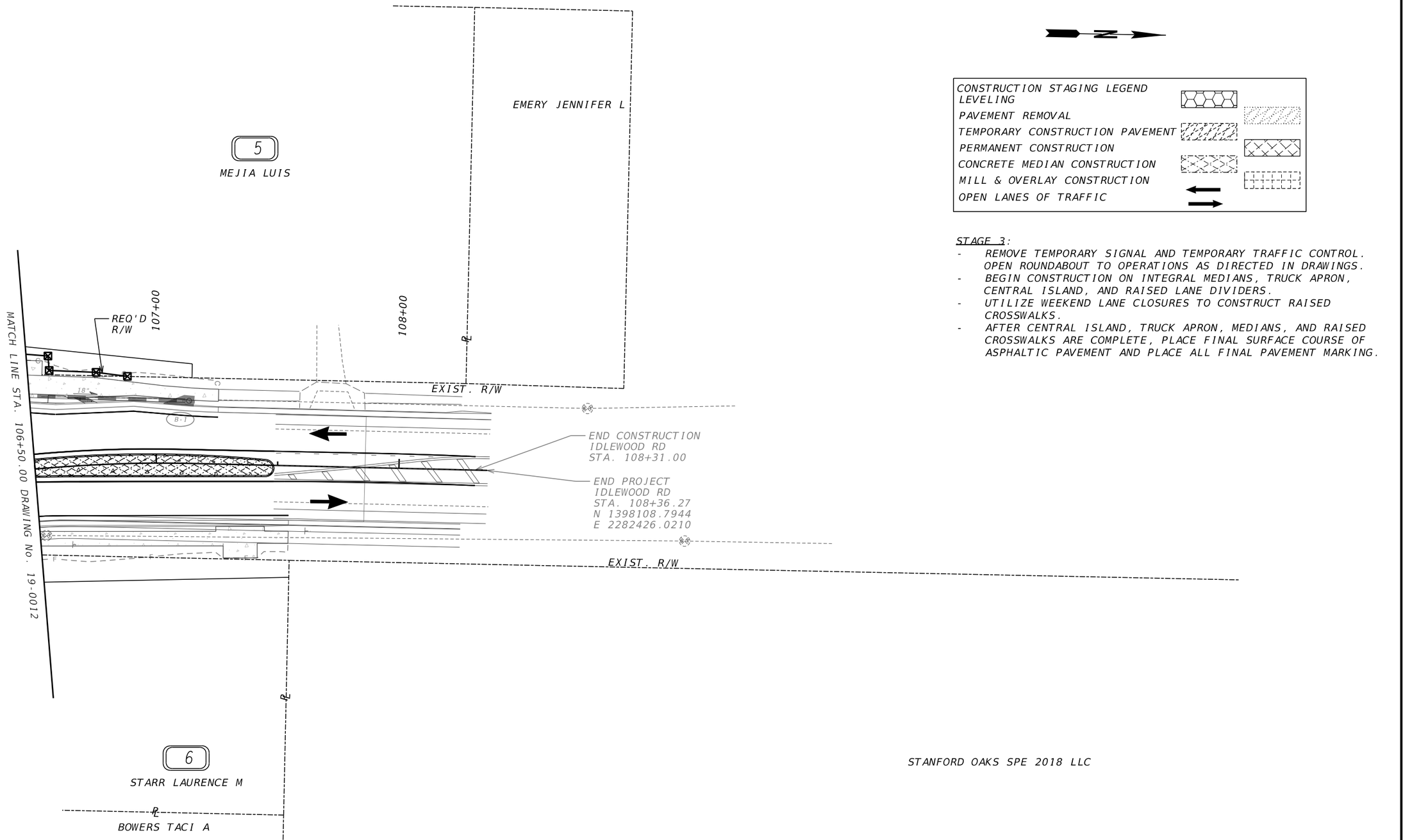
11/05/2020



N

CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

STAGE 3:
- REMOVE TEMPORARY SIGNAL AND TEMPORARY TRAFFIC CONTROL. OPEN ROUNDABOUT TO OPERATIONS AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ON INTEGRAL MEDIANS, TRUCK APRON, CENTRAL ISLAND, AND RAISED LANE DIVIDERS.
- UTILIZE WEEKEND LANE CLOSURES TO CONSTRUCT RAISED CROSSWALKS.
- AFTER CENTRAL ISLAND, TRUCK APRON, MEDIANS, AND RAISED CROSSWALKS ARE COMPLETE, PLACE FINAL SURFACE COURSE OF ASPHALTIC PAVEMENT AND PLACE ALL FINAL PAVEMENT MARKING.

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

- BEGIN LIMIT OF ACCESS.....BLA
- END LIMIT OF ACCESS.....ELA
- EXISTING LIMIT OF ACCESS
- REQ'D LIMIT OF ACCESS
- EXISTING LIMIT OF ACCESS & R/W
- REQ'D LIMIT OF ACCESS & R/W
- ORANGE BARRIER FENCE
- ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

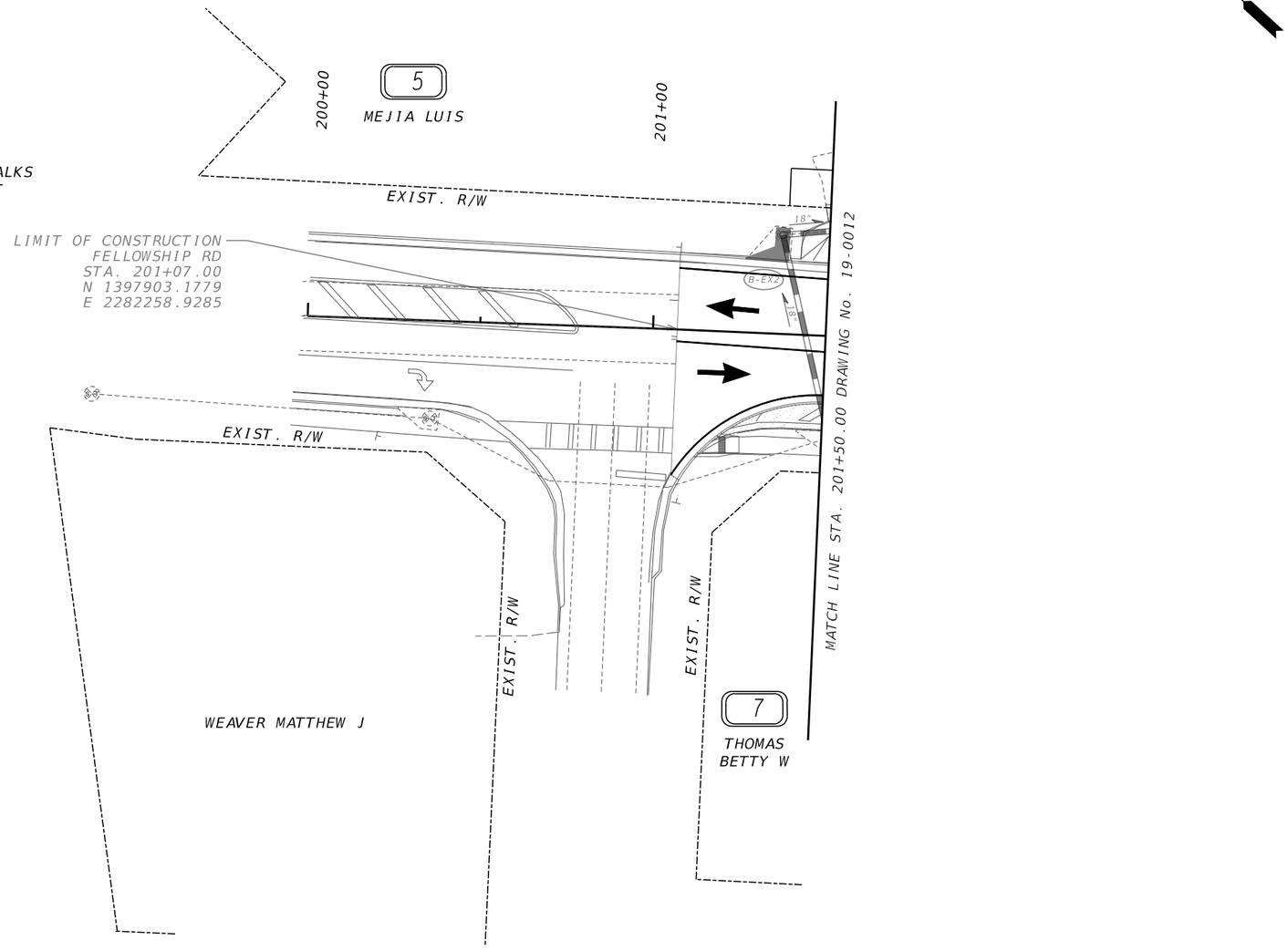
CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 3

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		19-0013
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

STAGE 3:
- REMOVE TEMPORARY SIGNAL AND TEMPORARY TRAFFIC CONTROL. OPEN ROUNDABOUT TO OPERATIONS AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ON INTEGRAL MEDIANS, TRUCK APRON, CENTRAL ISLAND, AND RAISED LANE DIVIDERS.
- UTILIZE WEEKEND LANE CLOSURES TO CONSTRUCT RAISED CROSSWALKS.
- AFTER CENTRAL ISLAND, TRUCK APRON, MEDIANS, AND RAISED CROSSWALKS ARE COMPLETE, PLACE FINAL SURFACE COURSE OF ASPHALTIC PAVEMENT AND PLACE ALL FINAL PAVEMENT MARKING.



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 3

CHECKED:		DATE:		DRAWING No.
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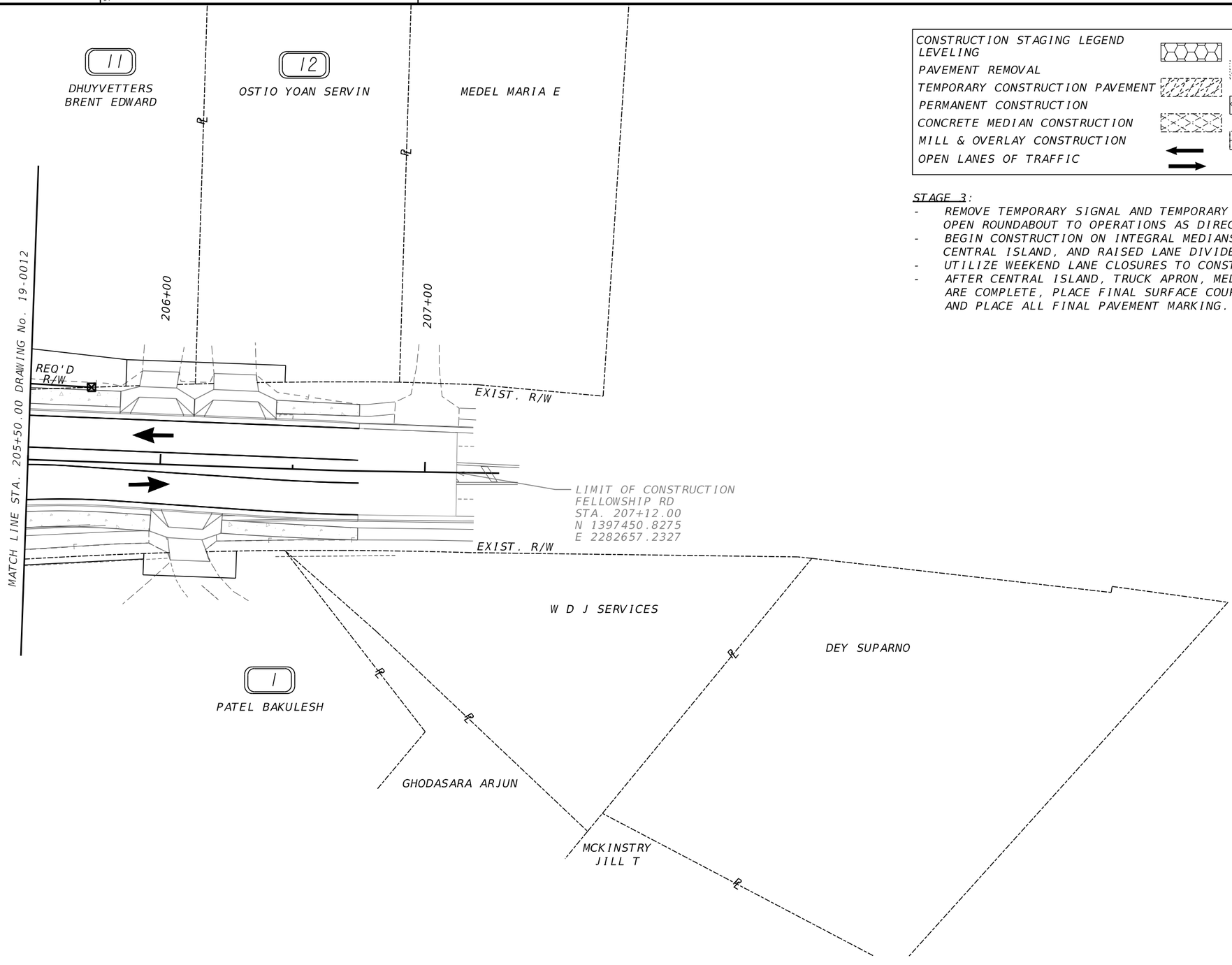

CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

STAGE 3:
- REMOVE TEMPORARY SIGNAL AND TEMPORARY TRAFFIC CONTROL. OPEN ROUNDABOUT TO OPERATIONS AS DIRECTED IN DRAWINGS.
- BEGIN CONSTRUCTION ON INTEGRAL MEDIANS, TRUCK APRON, CENTRAL ISLAND, AND RAISED LANE DIVIDERS.
- UTILIZE WEEKEND LANE CLOSURES TO CONSTRUCT RAISED CROSSWALKS.
- AFTER CENTRAL ISLAND, TRUCK APRON, MEDIANS, AND RAISED CROSSWALKS ARE COMPLETE, PLACE FINAL SURFACE COURSE OF ASPHALTIC PAVEMENT AND PLACE ALL FINAL PAVEMENT MARKING.

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

- BEGIN LIMIT OF ACCESS.....BLA
- END LIMIT OF ACCESS.....ELA
- EXISTING LIMIT OF ACCESS
- REQ'D LIMIT OF ACCESS
- EXISTING LIMIT OF ACCESS & R/W
- REQ'D LIMIT OF ACCESS & R/W
- ORANGE BARRIER FENCE
- ESA - ENV. SENSITIVE AREA

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Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

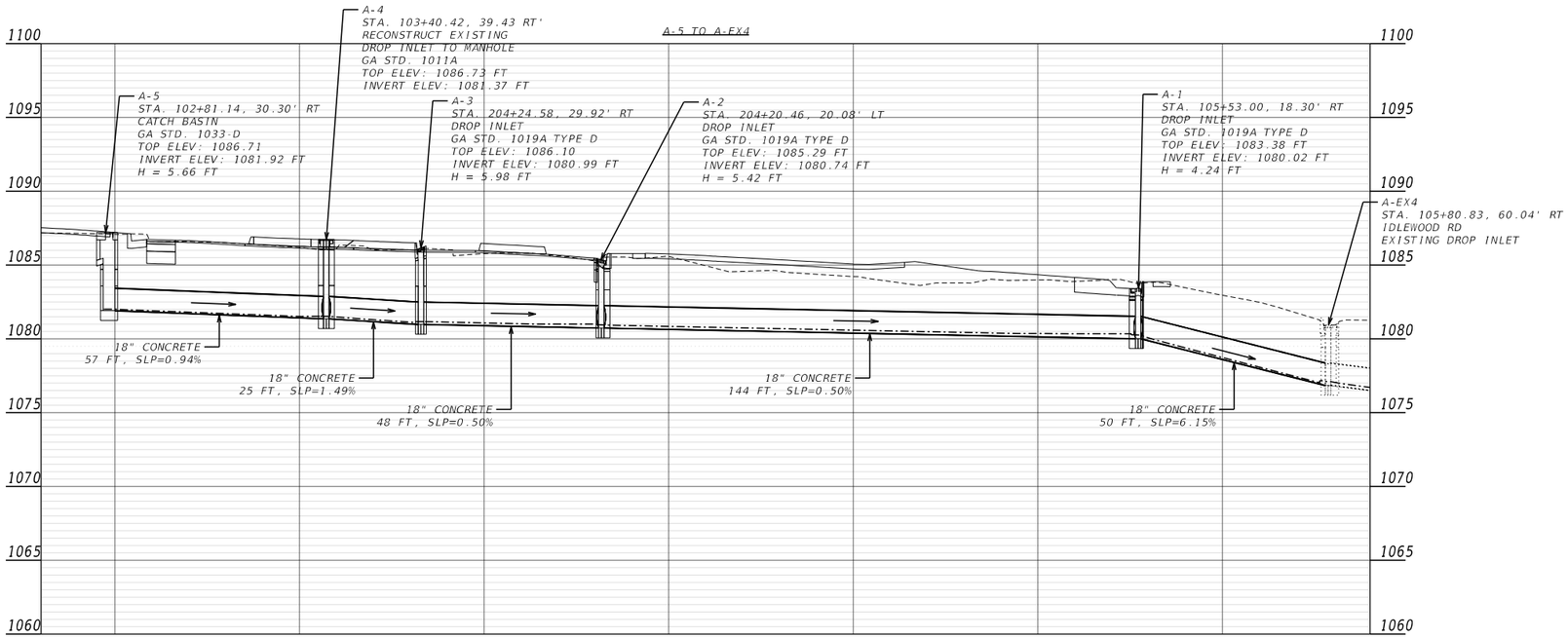
REVISION DATES

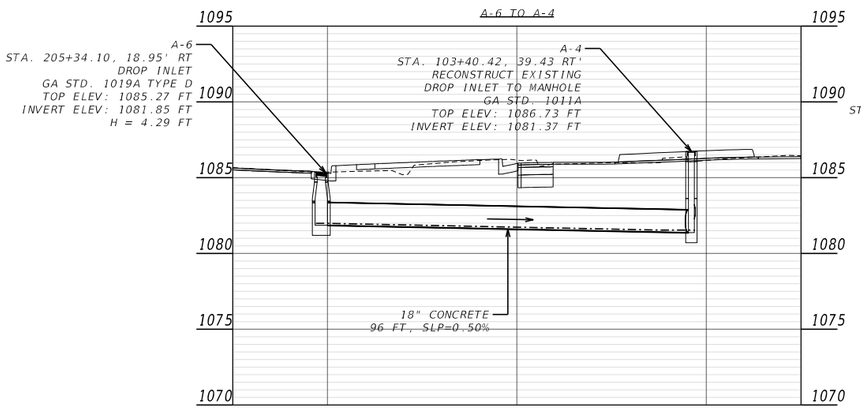
CONSTRUCTION STAGING PLAN
IDLEWOOD RD AT FELLOWSHIP DR
STAGE 3

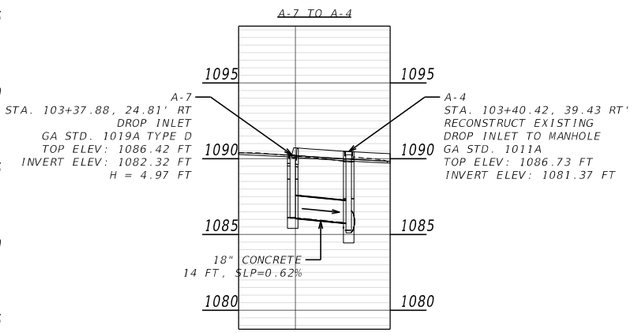
		DATE:	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

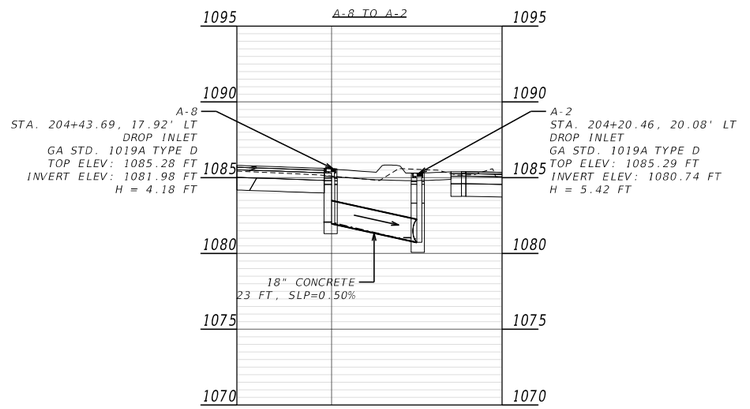
DRAWING No.
19-0015

GPLN-CE
11/05/2020









NOTES:
1. DRAINAGE STRUCTURE CALCULATIONS ASSUME A BASE SLAB THICKNESS OF 0.67'.
2. STRUCTURES ARE STATIONED OFF OF IDLEWOOD RD (DE100) & FELLOWSHIP RD (DE200) CENTERLINES UNLESS NOTED OTHERWISE.
3. ALL PIPES CLASS III UNLESS NOTED OTHERWISE

= 10 YR HYDRAULIC GRADE LINE (HGL)
= EXISTING GROUND LINE
= PROPOSED GRADE

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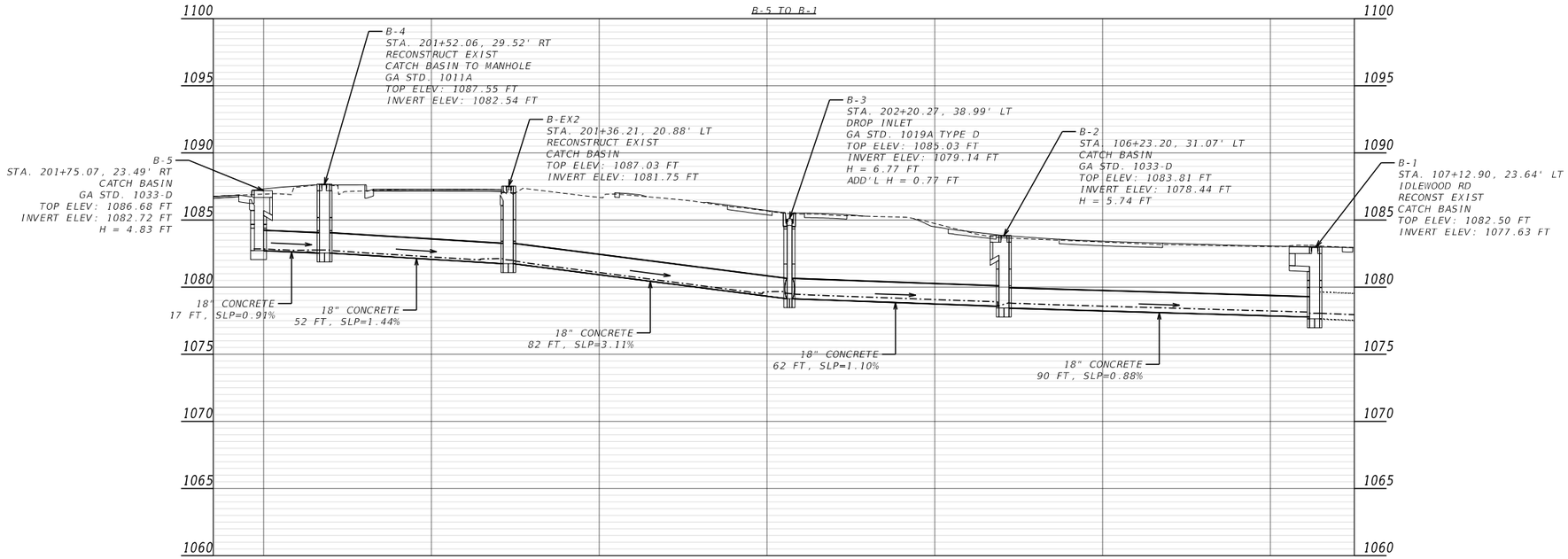
HORIZONTAL SCALE IN FEET
0 20 40 80

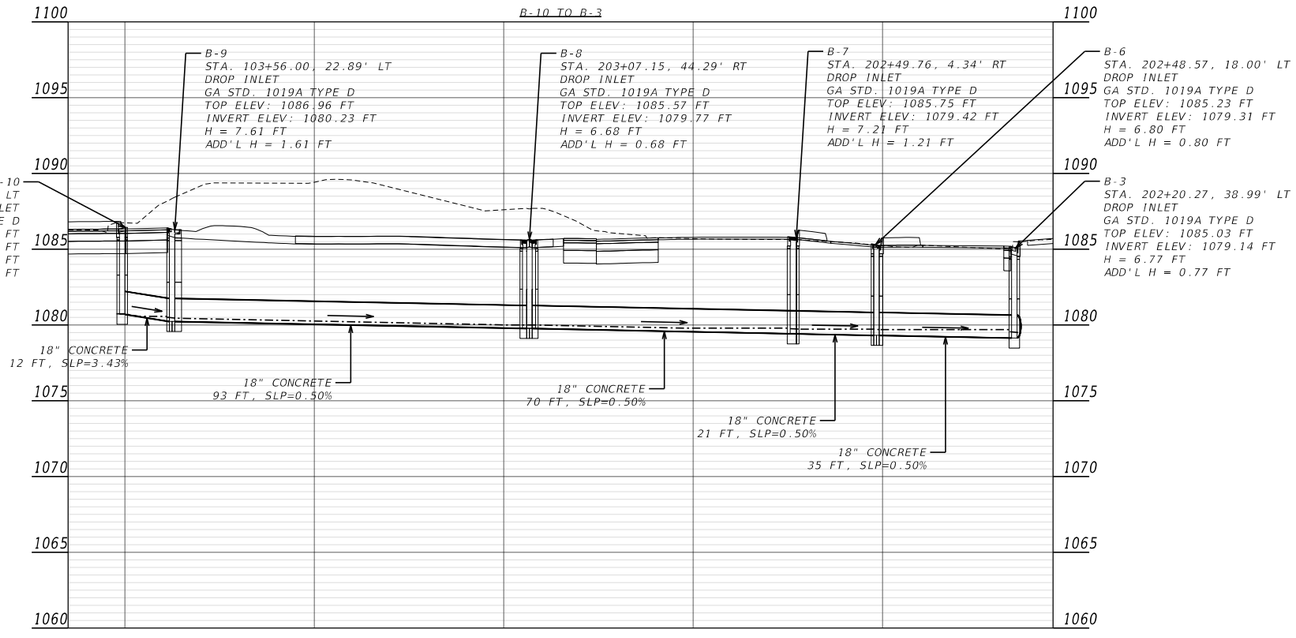
VERTICAL SCALE IN FEET
0 5 10 20

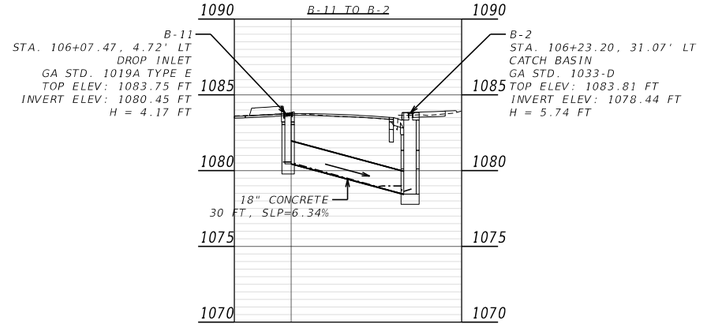
REVISION DATES

DRAINAGE PROFILES
IDLEWOOD RD AT FELLOWSHIP RD

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







NOTES:
1. DRAINAGE STRUCTURE CALCULATIONS ASSUME A BASE SLAB THICKNESS OF 0.67'.
2. STRUCTURES ARE STATIONED OFF OF IDLEWOOD RD (DE100) & FELLOWSHIP RD (DE200) CENTERLINES UNLESS NOTED OTHERWISE.
3. ALL PIPES CLASS III UNLESS NOTED OTHERWISE

= 10 YR HYDRAULIC GRADE LINE (HGL)
= EXISTING GROUND LINE
= PROPOSED GRADE

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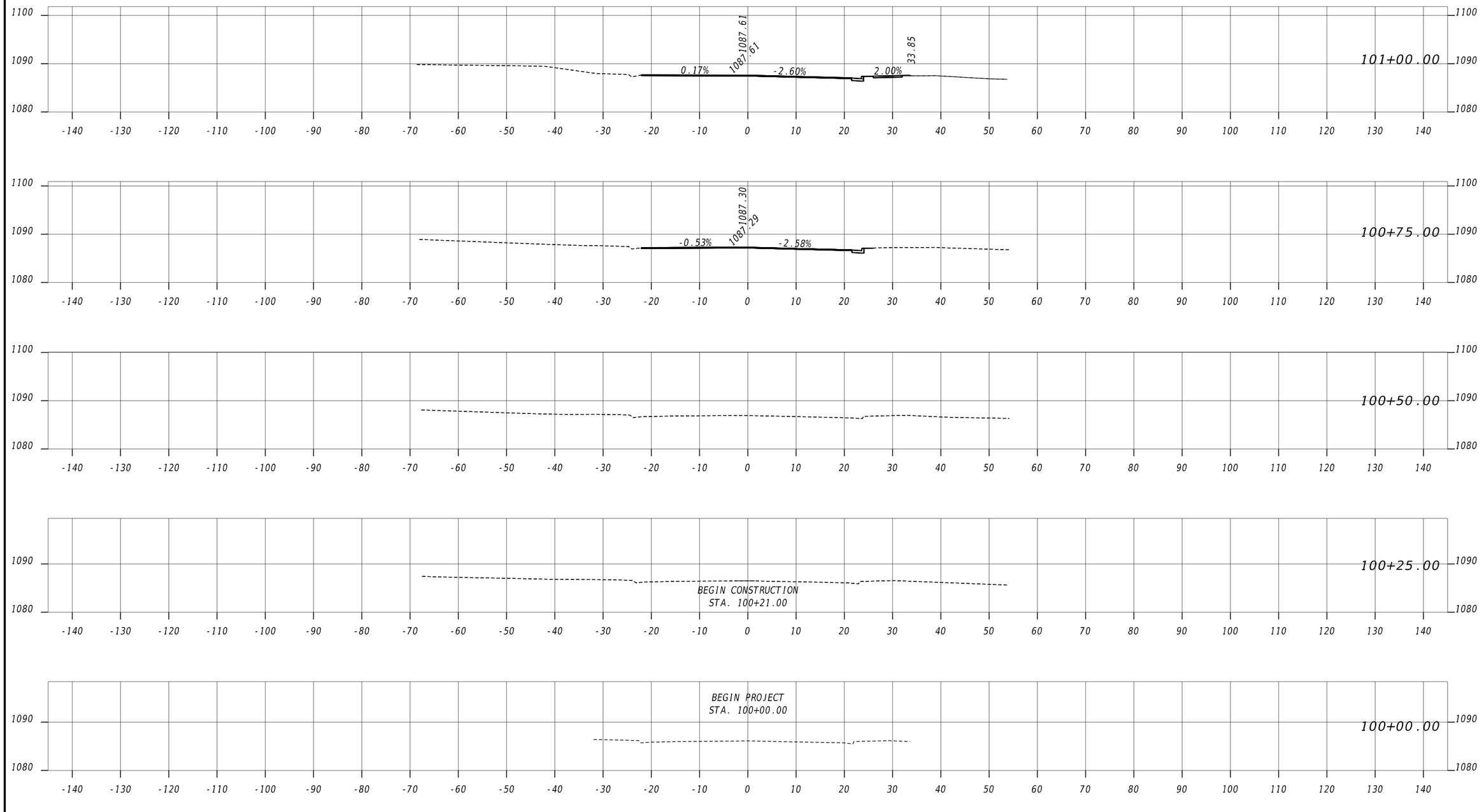
HORIZONTAL SCALE IN FEET
0 20 40 80

VERTICAL SCALE IN FEET
0 5 10 20

REVISION DATES

DRAINAGE PROFILES
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		22-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTION
IDLEWOOD RD @ FELLOWSHIP RD

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

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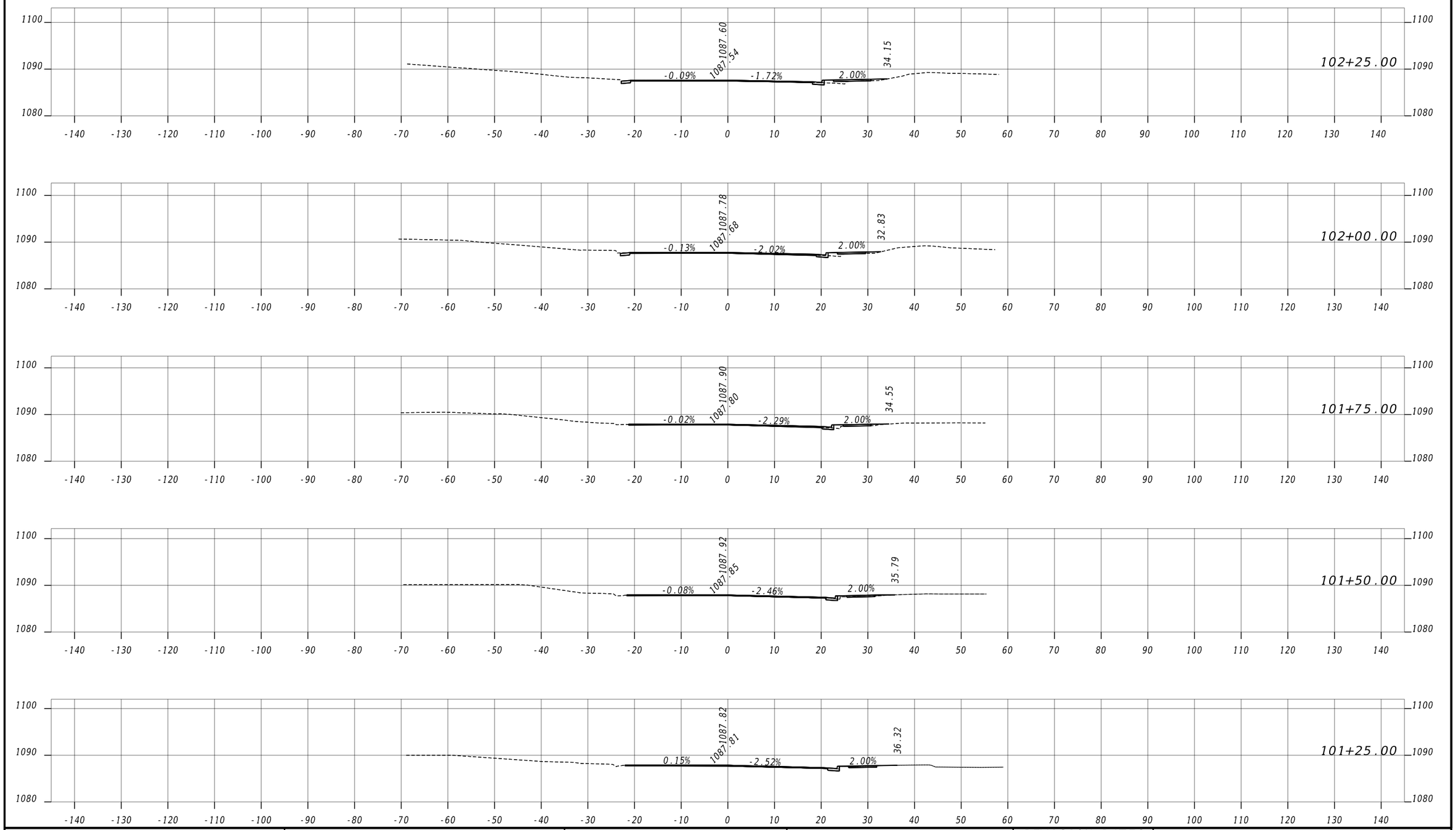
11/05/2020



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SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTION
IDLEWOOD RD @ FELLOWSHIP RD

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VERIFIED:		DATE:		

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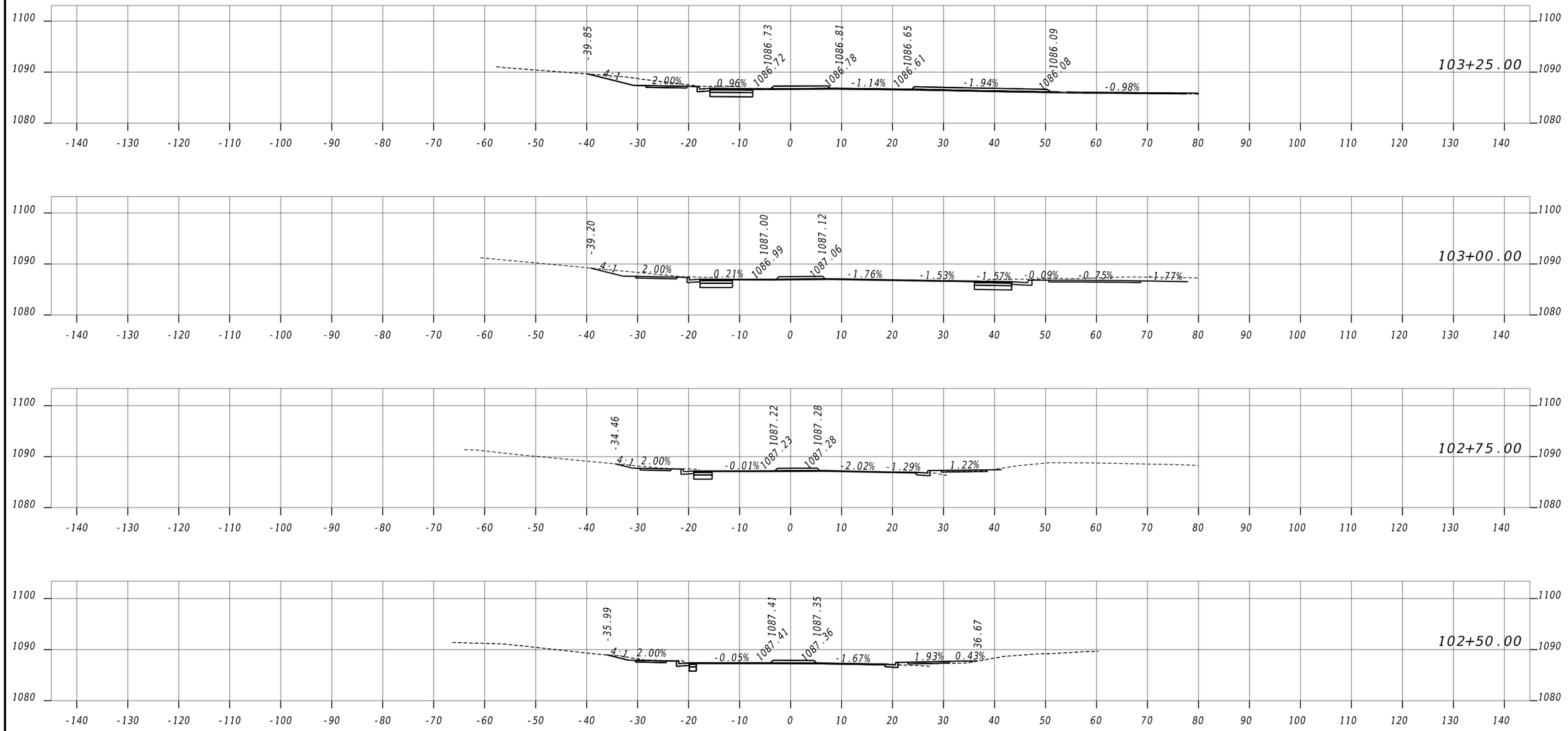

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0 10 20 40

REVISION DATES

CROSS SECTION
IDLEWOOD RD @ FELLOWSHIP RD

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VERIFIED:		DATE:		

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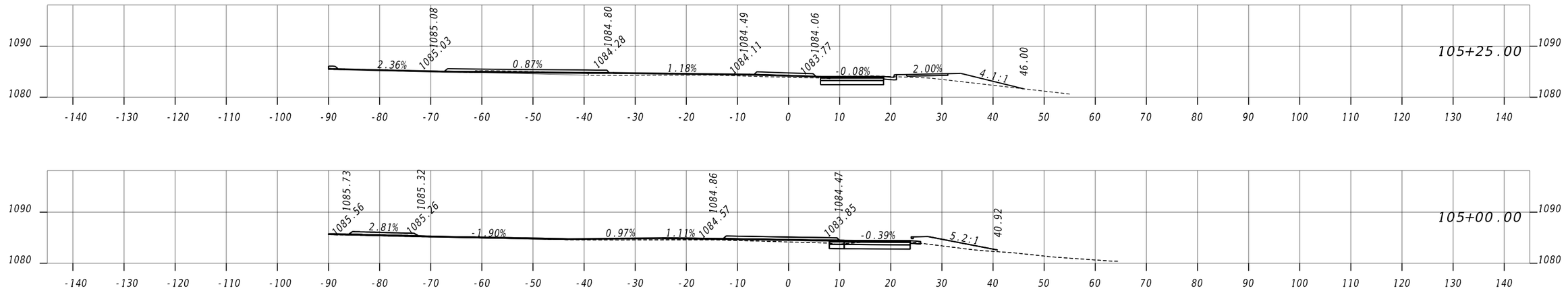
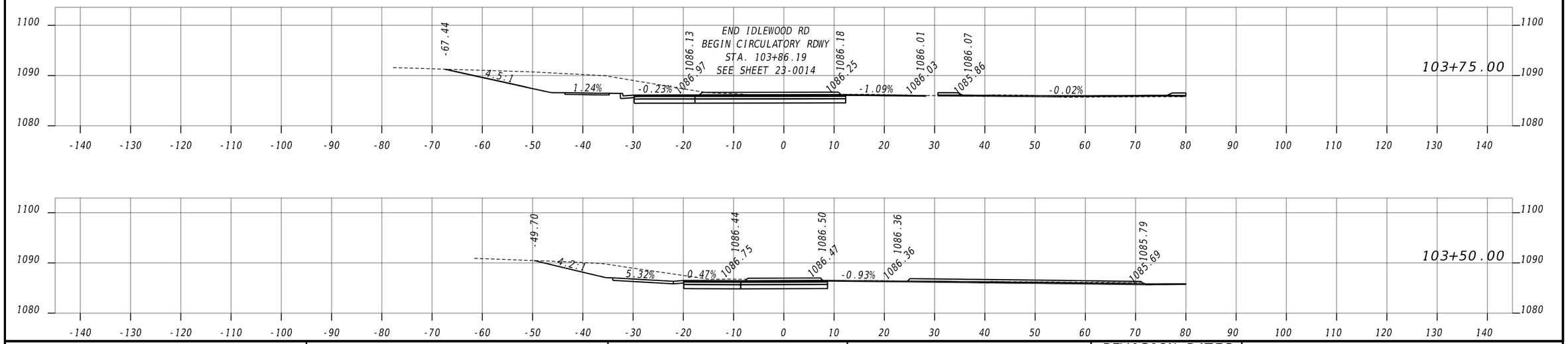


END CIRCULATORY ROADWAY
BEGIN IDLEWOOD RD
STA. 104+91.98
SEE SHEET 23-0014



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SCALE IN FEET
0 10 20 40

REVISION DATES

CROSS SECTION
IDLEWOOD RD @ FELLOWSHIP RD

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BACKCHECKED:		DATE:		23-0004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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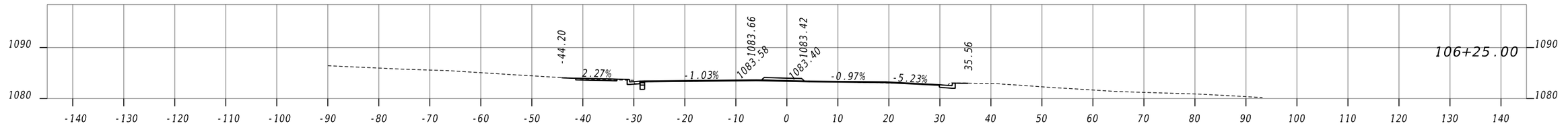

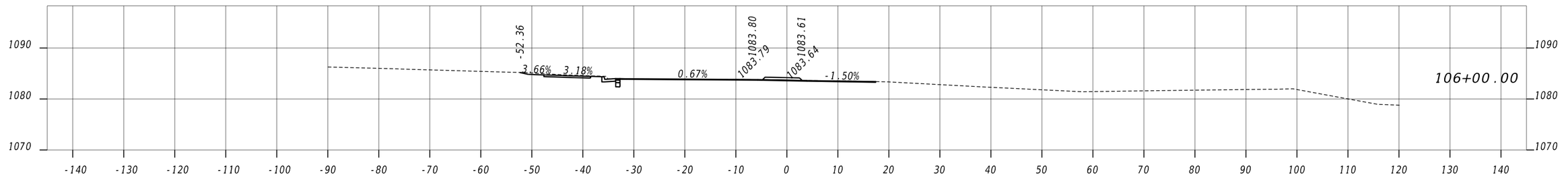

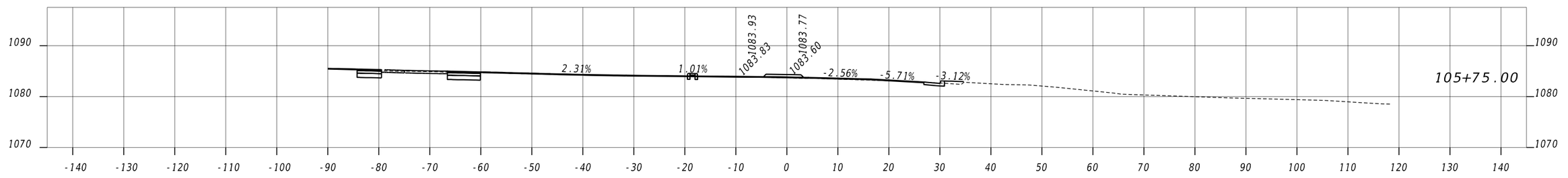

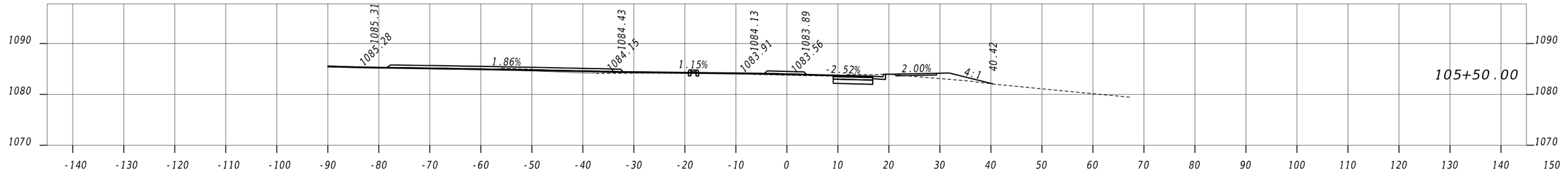

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0 10 20 40

REVISION DATES

CROSS SECTION
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VERIFIED:		DATE:		

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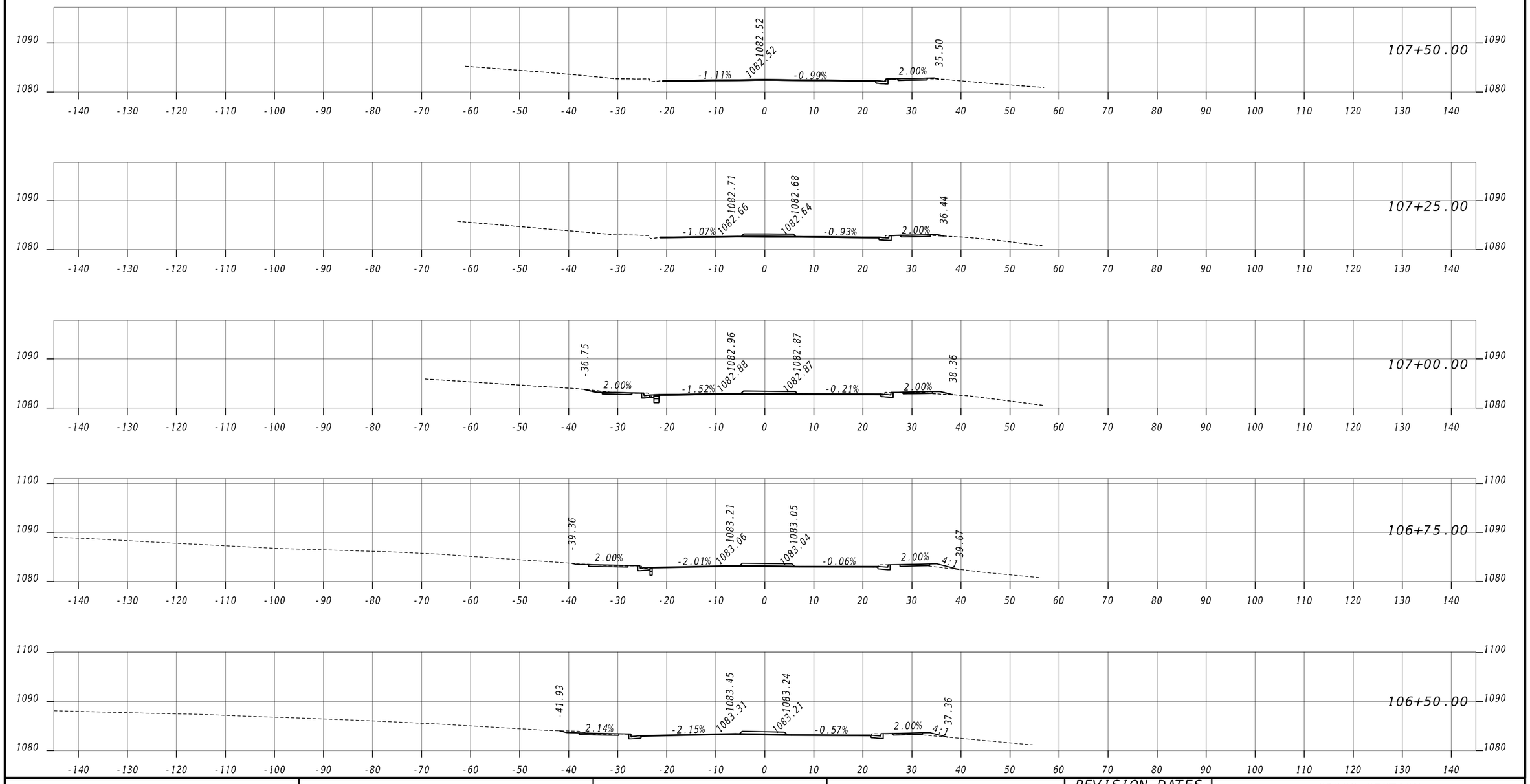

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0 10 20 40

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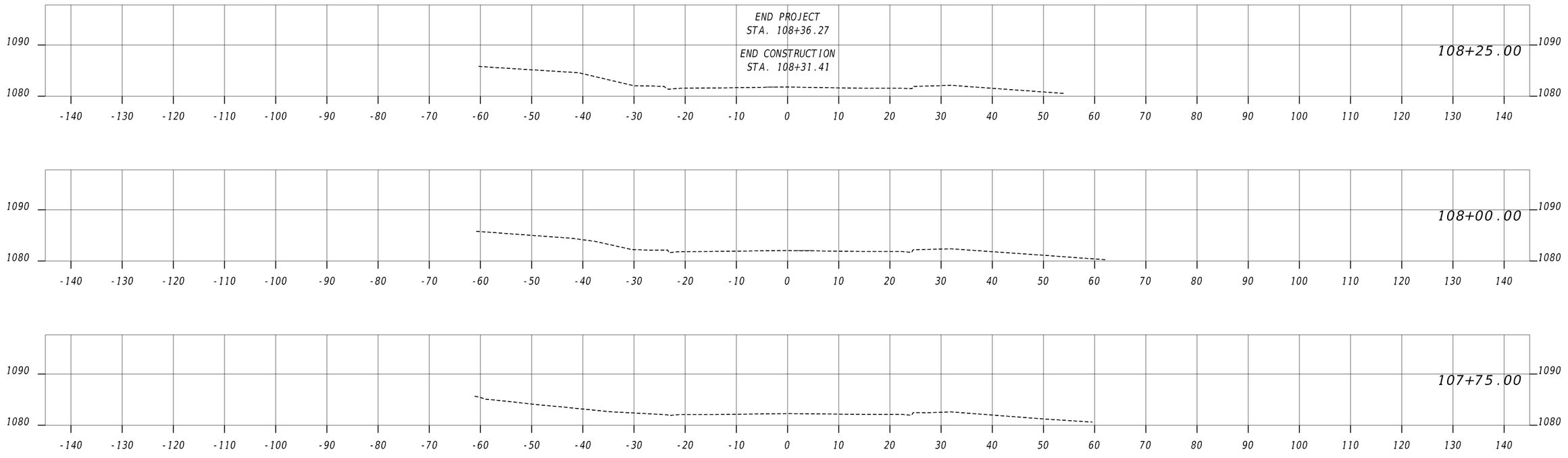

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0 10 20 40

REVISION DATES

CROSS SECTION
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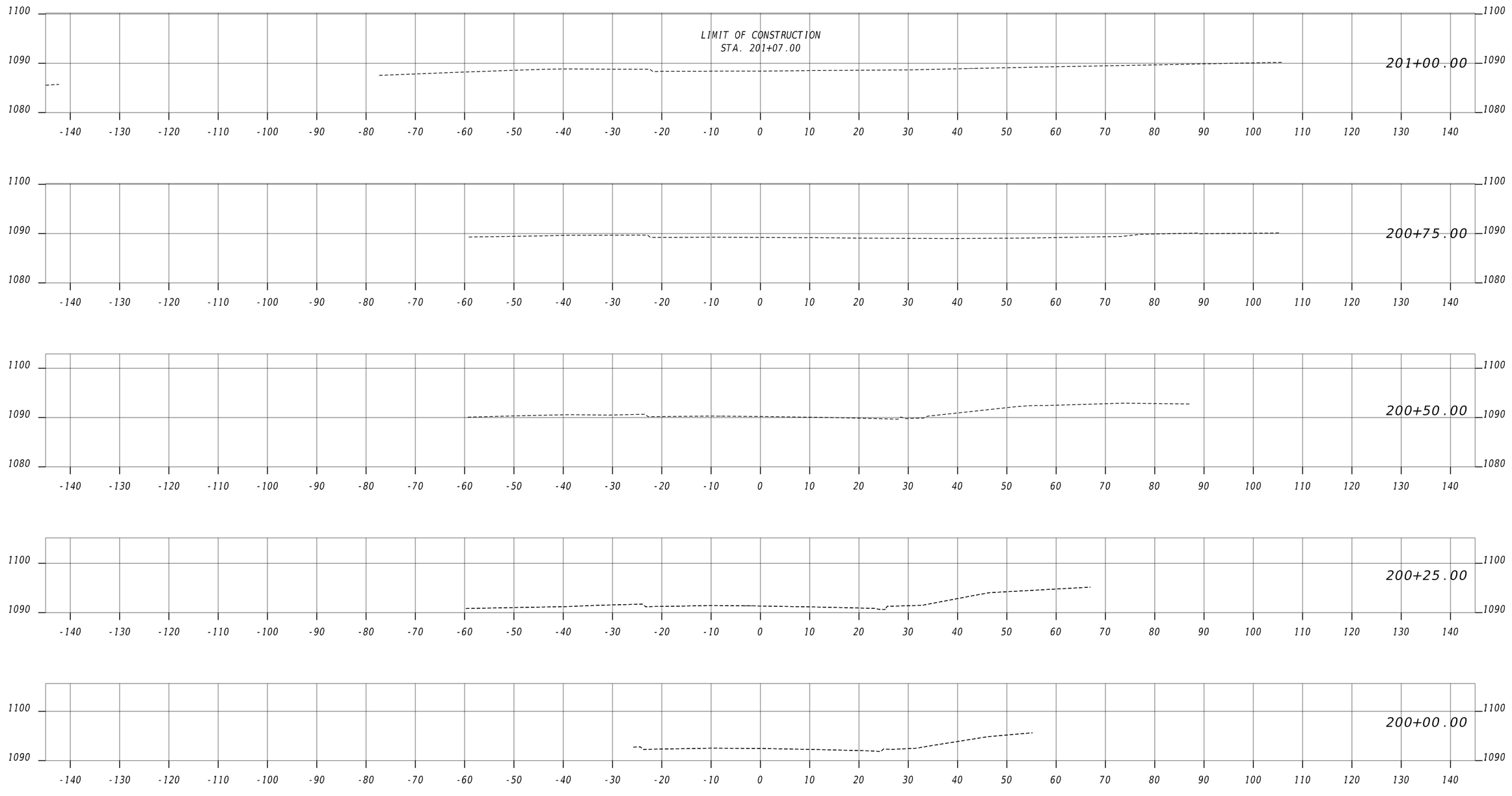

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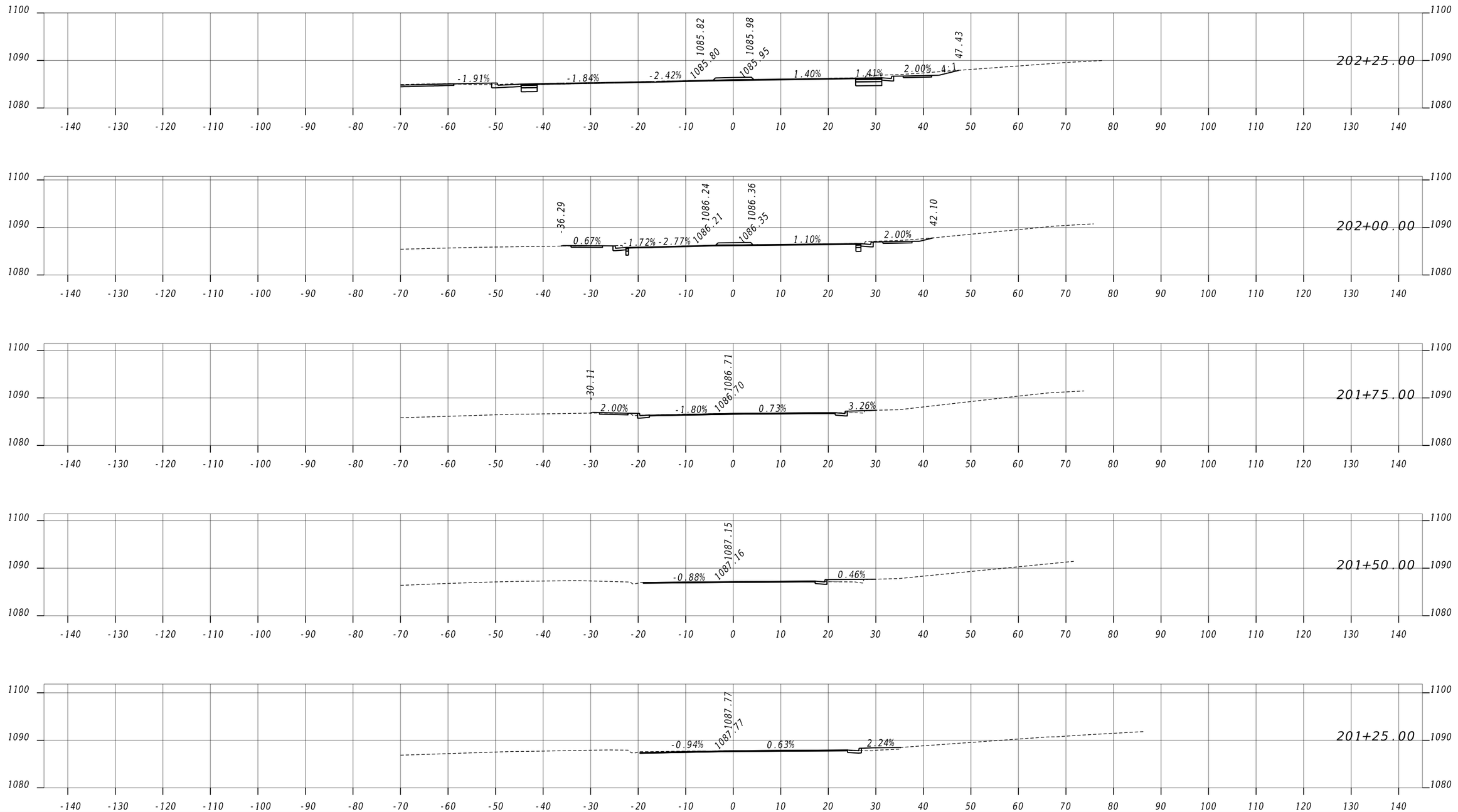

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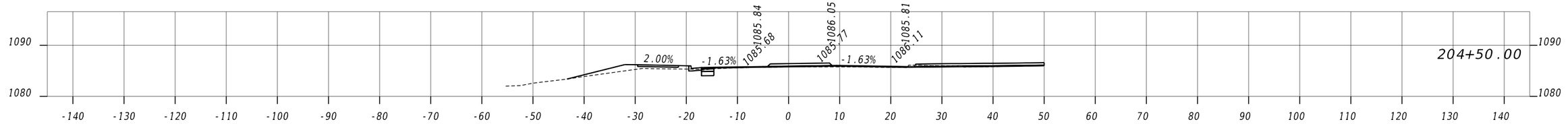
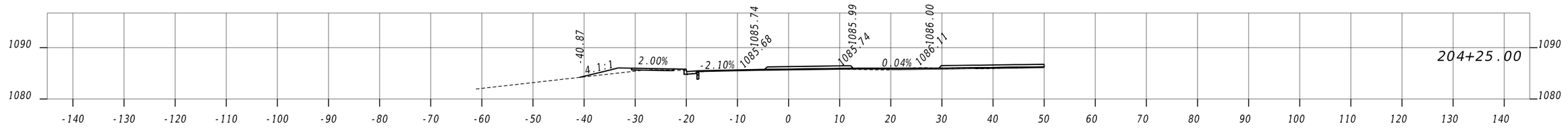
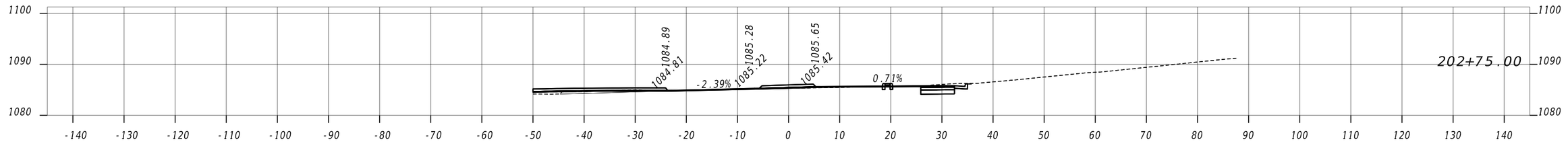
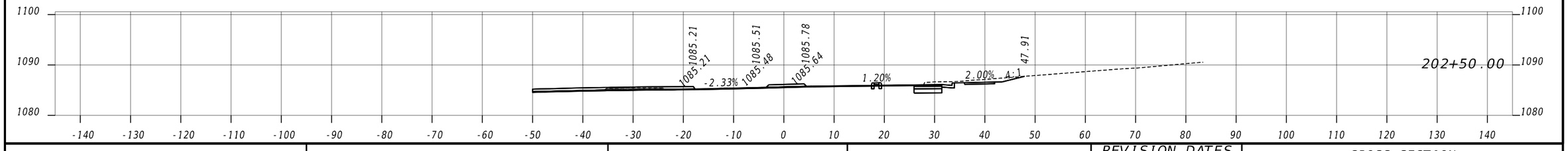




END CIRCULATORY RDWY
BEGIN FELLOWSHIP RD
STA. 204+06.77
SEE SHEET 23-0014

END FELLOWSHIP RD
BEGIN CIRCULATORY RDWY
STA. 202+98.06
SEE SHEET 23-0014





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REVISION DATES

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VERIFIED:		DATE:		

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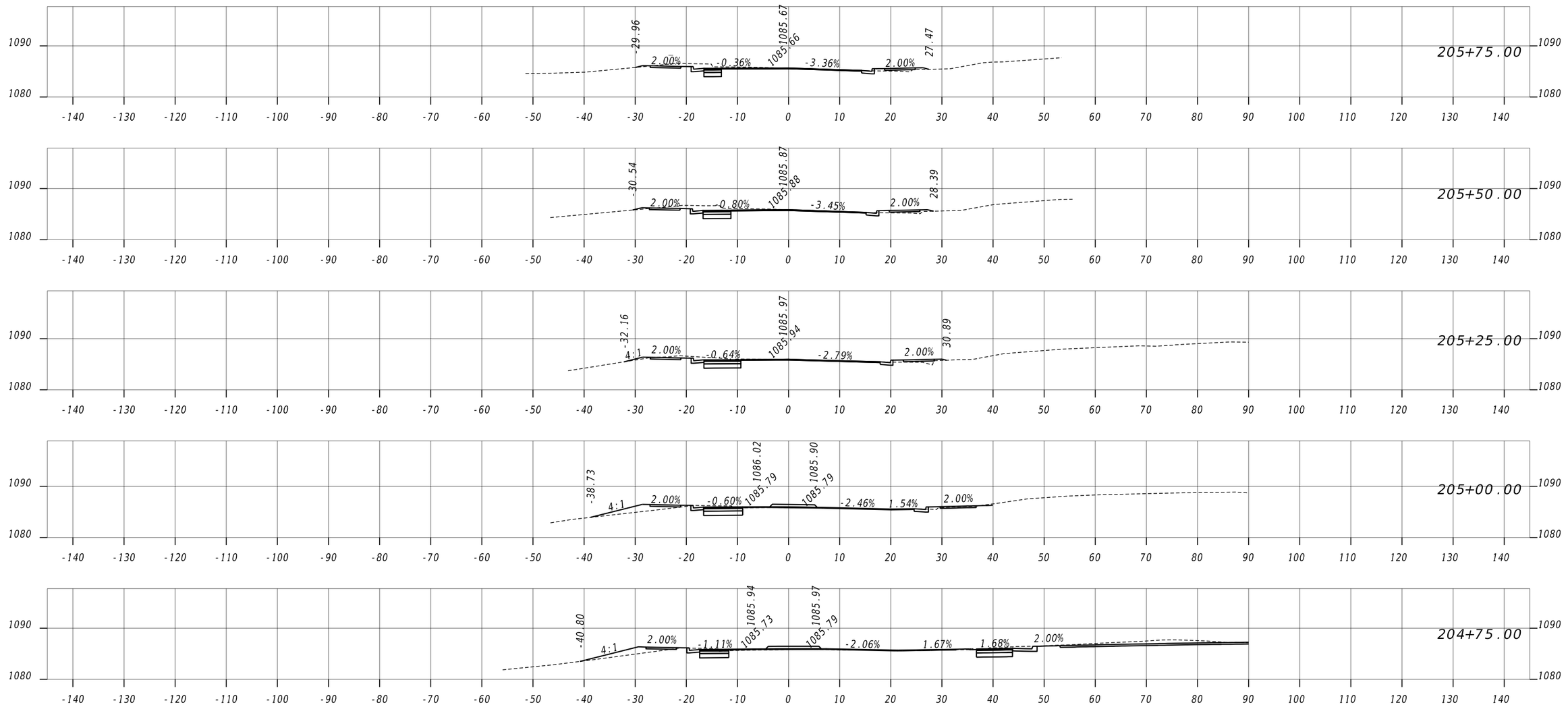
11/05/2020



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SCALE IN FEET
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REVISION DATES

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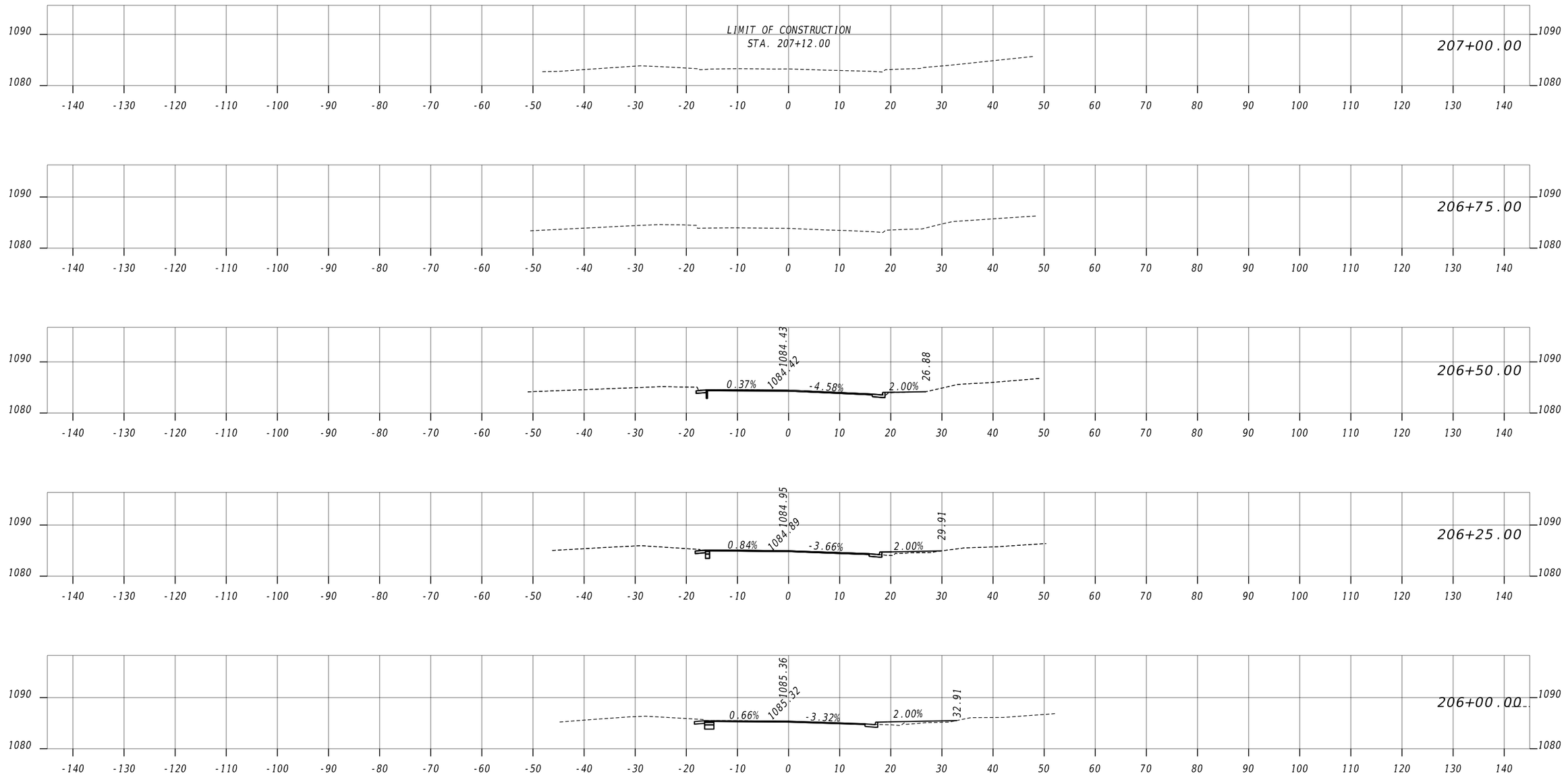
11/05/2020



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REVISION DATES

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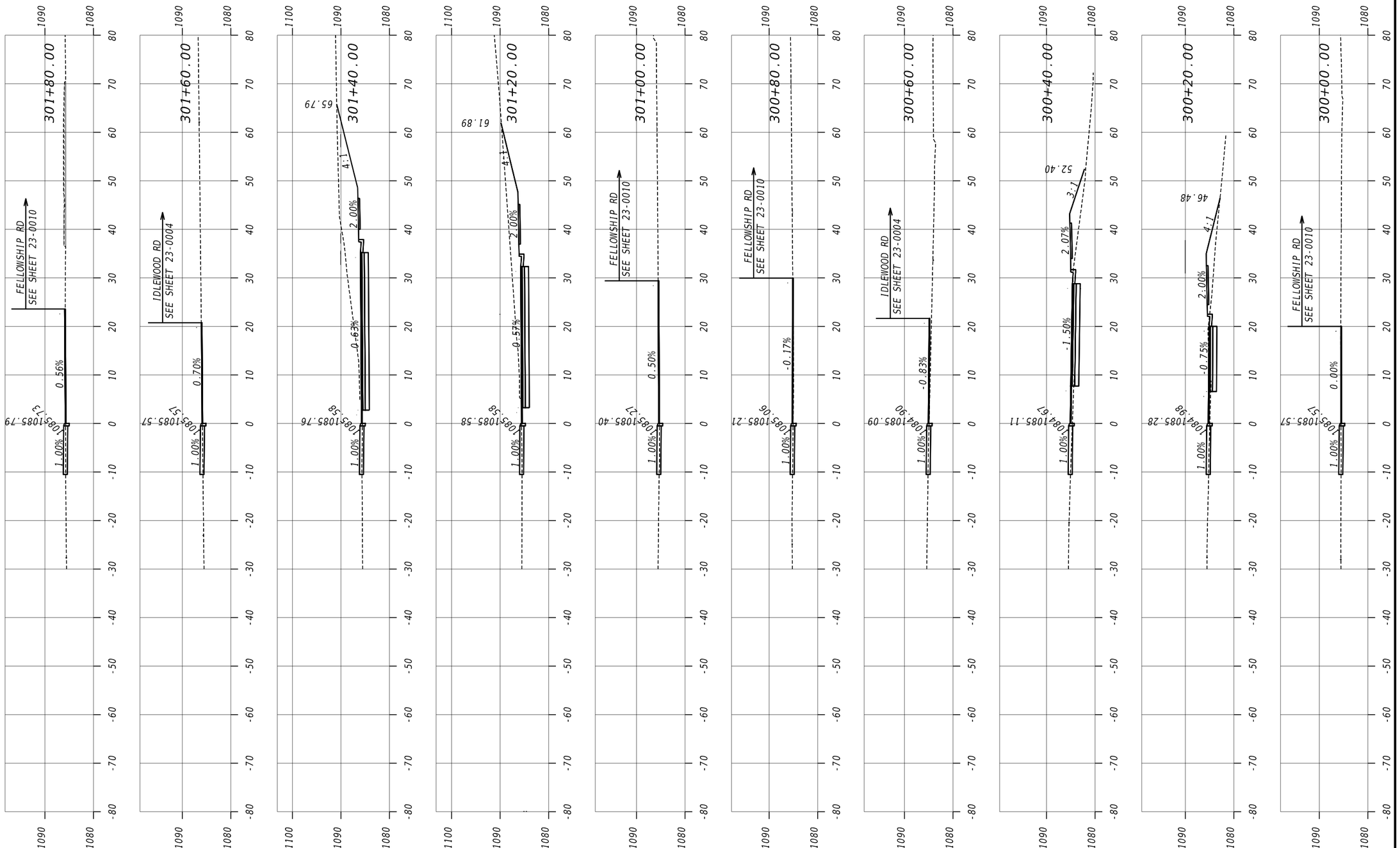
CORRECTED:		DATE:		23-0012
VERIFIED:		DATE:		

GPLN-CE
11/05/2020



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0 10 20 40

REVISION DATES

CROSS SECTION
IDLEWOOD RD @ FELLOWSHIP RD

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BACKCHECKED:		DATE:		23-0013
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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11/05/2020

NOTES

1. ALL WORK AND MATERIALS SHALL BE DONE IN ACCORDANCE WITH 2021 GEORGIA DOT SPECIFICATIONS AND QPL, NATIONAL ELECTRICAL CODE AND NATIONAL ELECTRICAL SAFETY CODE.
2. CONTRACTOR SHALL BE AWARE OF OVERHEAD POWER LINES DURING CONSTRUCTION.
3. CONDUIT ACCESSORIES SUCH AS EXPANSION JOINTS, ELBOWS, LB'S, FLEXIBLE CONDUIT, ETC. SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
4. LUMINAIRE MUST MEET ALL REQUIREMENTS OUTLINED WITHIN THE GDOT SPECIFICATION 927-LUMINAIRES, LED. ACCORDINGLY, LUMINAIRE MANUFACTURER SHALL PROVIDE A TEN YEAR WARRANTY FOR PARTS AND DEFECTIVE WORKMANSHIP ON LUMINAIRES.
5. ALL PITS USED FOR INSTALLED PUSHED (JACKED) CASINGS UNDER EXISTING ROADWAYS SHALL HAVE A MINIMUM OF FIVE FEET BETWEEN EDGE OF SHOULDER. LOCATIONS AS SHOWN ARE APPROXIMATE AND MAY BE SHIFTED AS NECESSARY TO MEET CLEARANCE REQUIREMENTS.
6. ALL ELECTRICAL CONNECTIONS SHALL BE MADE ABOVE GRADE INSIDE POLE BASES OR JUNCTION BOXES. NO UNDERGROUND SPLICING ALLOWED.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO INSTALLATION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
8. THE CONTRACTOR SHALL PROVIDE THE SERVICE POLE UNLESS OTHERWISE NOTED. THE SERVICE RISER AND LATERAL, WEATHERHEAD, WATERPROOF ENCLOSURES, CIRCUIT BREAKERS, LIGHTING ARRESTER, AND THE NECESSARY WIRING FOR CONNECTING TO THE POWER SOURCE, SHALL BE INCLUDED UNDER THE "ELECTRICAL SERVICE POINT" PAY ITEM.
9. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUPPLY THE FOUNDATION DESIGNS IN ACCORDANCE WITH GEORGIA DOT SPECIFICATIONS FOR ALL FOUNDATIONS ON THE PROJECT. ALL FOUNDATION DESIGNS SHALL BE APPROVED BY THE ENGINEER BEFORE ORDERING FOUNDATION MATERIALS AND INSTALLATION. THE FOUNDATION DESGINS SHALL BE COMPLETED AND STAMPED BY A REGISTERED STRUCTURAL ENGINEER IN THE STATE OF GEORGIA.
10. LUMINAIRES SHALL BE FURNISHED WITH CUT-OFF OPTICS AND HOUSE SHIELDS AS PER GDOT SPECIFICATIONS.
11. ALL LIGHT STANDARDS SHALL HAVE AN AASHTO APPROVED BREAKAWAY BASE.

LEGEND

- PROPOSED CONVENTIONAL POLE. 30' MOUNTING HEIGHT WITH LED LUMINAIRE. (TO BE INSTALLED BY GEORGIA POWER)
- PB — PROPOSED ELECTRICAL PULL BOX, TYPE 2
- PROPOSED CONDUIT
- PROPOSED CONDUIT, DIRECTIONAL BORE
- SERVICE POLE WITH TRANSFORMER

CONDUIT AND CABLE SCHEDULE
(NOTE: ALL CONDUCTORS TO BE ALUMINUM UNLESS OTHERWISE SPECIFIED)

① 2" SCHEDULE 40 PVC CONDUIT IN TRENCH

② 2" SCHEDULE 80 PVC CONDUIT IN TRENCH, DIRECTIONAL BORE

POLE	STA. NO.	OFFSET	CENTER/BASE LINE	SHEET NO.	FIXTURE MOUNTING HEIGHT	NO. OF LUM'S	INSTALLAITON NOTES
P1	102+36.34	32.35' RT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P2	102+88.09	52.80' RT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P3	103+27.72	36.14' RT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P4	103+56.15	36.58' RT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P5	103+80.42	48.96' LT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P6	202+51.12	43.94' LT	FELLOWSHIP ROAD (DE200)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P7	105+54.31	46.86' LT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P8	106+99.33	50.75' LT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P9	106+45.14	34.36' RT	IDLEWOOD ROAD (DE100)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P10	201+70.96	36.66' RT	FELLOWSHIP ROAD (DE200)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P11	202+51.12	43.94' RT	FELLOWSHIP ROAD (DE200)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P12	203+71.93	36.74' RT	FELLOWSHIP ROAD (DE200)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P13	204+14.44	35.94' LT	FELLOWSHIP ROAD (DE200)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER
P14	204+91.85	28.45' LT	FELLOWSHIP ROAD (DE200)	25-0002	30'	1	TO BE INSTALLED BY GEORGIA POWER

LIGHTING QUANTITIES

PAY ITEM NU	DESCRIPTION	UNIT	QUANTITY
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	959
682-2120	PULL BOX, TYPE 2	EA	9
682-9950	DIRECTIONAL BORE - 3"	LF	523

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SCALE IN FEET
0 20 40 80

REVISION DATES

LIGHTING
IDLEWOOD RD AT FELLOWSHIP RD

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

DRAWING No.
25-0001

THOMAS WILLIAM PAUL DR

2 MONDS MAIE EDNA

3 QUINN CONSTRUCTION INVESTMENTS LLC

8 SEWELL LYNN C

7 THOMAS BETTY W

SAW LANCELOT

P10 STA 201+70.96
36.66' RT
℄ FELLOWSHIP RD

P11 STA 202+51.12
43.94' RT
℄ FELLOWSHIP RD
TP 2 PULL BOX

P5 STA 103+80.42
48.96' LT
℄ IDLEWOOD RD
TP 2 PULL BOX

EXIST. R/W

REQ'D R/W

5 MEJIA LUIS
TP 2 PULL BOX

P8 STA 106+99.33
50.75' LT
℄ IDLEWOOD RD

P12 STA 203+71.93
36.74' RT
℄ FELLOWSHIP RD

P3 STA 103+27.72
36.14' RT
℄ IDLEWOOD RD

P4 STA 103+56.15
36.58' RT
℄ IDLEWOOD RD

P7 STA 105+54.31
46.86' LT
℄ IDLEWOOD RD

102+00

GHODASARA ARJUN

P1 STA 102+36.34
32.35' RT
℄ IDLEWOOD RD

1 PATEL BAKULESH

P2 STA 102+88.09
52.80' RT
℄ IDLEWOOD RD
TP 2 PULL BOX

TP 2 PULL BOX
STA 105+18.43
33.84' RT
℄ IDLEWOOD RD
P6

P9 STA 106+45.14
34.36' RT
℄ IDLEWOOD RD

NOTE: POLE LOCATIONS ARE SHOWN ARE FOR INFORMATION ONLY

TP 2 PULL BOX

9 MOTES ERNEST P

STA 204+14.44
35.94' LT
℄ FELLOWSHIP RD
P13

STA 204+91.85
28.45' LT
℄ FELLOWSHIP RD
P14

6 STARR LAURENCE M
BOWERS TACI A

11 DHUYVETTERS BRENT EDWARD

MEDEL FRANCISICO 10

4 JACKSON SUE S

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0 20 40 80

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11/05/2020

Georgia Power

RoadFocus

RoadFocus LED Cobra head luminaires feature a sleek design that provides seamless replacement of existing HID luminaires. RoadFocus is available in three sizes offering multiple lumen packages and a complete array of optical distributions, making it an outstanding solution for all types of roadway applications. Includes Service Tag, an innovative way to provide assistance throughout the life of the product.

APPLICATIONS
Roadway lighting, area lighting, pathway lighting

LIGHT SOURCE
LED

COLOR TEMPERATURE
3,000 CCT or 4,000 CCT

WARM-UP AND RESTRIKE TIME
Instant-on (no warm-up or restrike time)

POLES AVAILABLE
Round Tapered Aluminum, Square Straight Steel, Wood

MOUNTING HEIGHT
30′ standard (other mounting heights available)

COLORS
Bronze and Grey standard

LIGHT FIXTURE DETAIL:

Road Focus

Mounting Height: 30' standard

Colors: Bronze, Grey standard

Material: Die-cast aluminum

Top Applications: Roadways

POLE DETAIL:

Round Tapered Aluminum

Mounting Height: 30' standard

Colors: Bronze standard

Material: Aluminum

Pole Shaft Style: Round tapered

Installation: Direct embed or base mounted

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0 20 40 80

REVISION DATES

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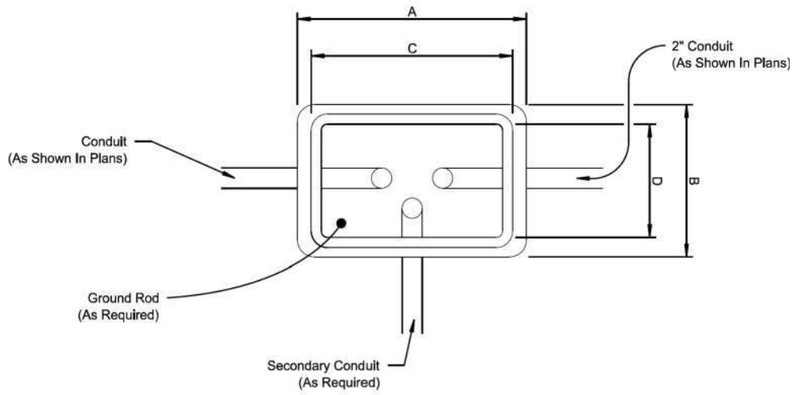
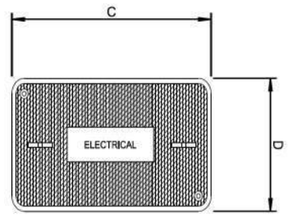
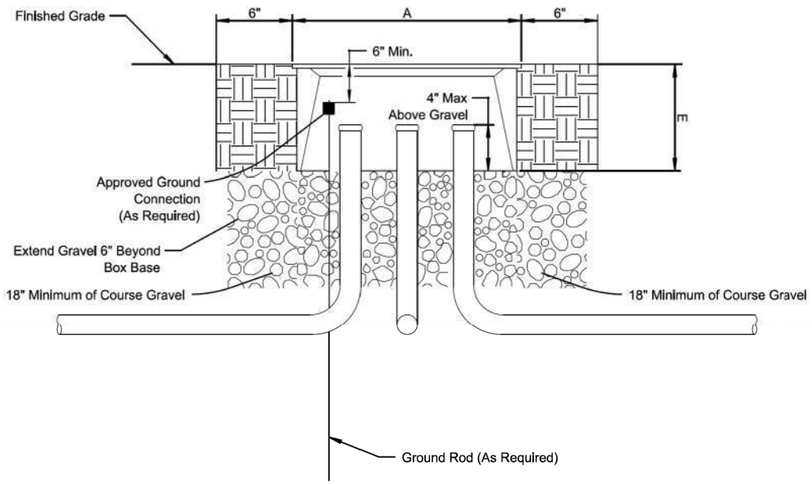


PLAN



COVER



ELEVATION

PULL BOX TYPE	SIZE (IN.)				
	A	B	C	D	E
1	14	14	12	12	12
2	21	14	18	11	12
3	33	20	30	17	12

ELECTRICAL PULL BOX/JUNCTION BOX DETAILS

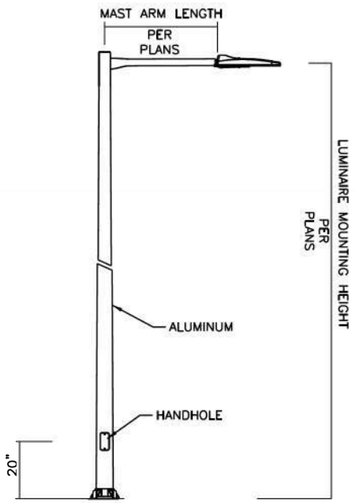
N.T.S.

NOTES:

1. WHERE MULTIPLE PULL BOXES ARE PLACED SIDE BY SIDE, MAINTAIN AT LEAST 8" BETWEEN BOXES.
2. SIZES SHOWN ARE MINIMUM TRADE SIZES.
3. DIMENSIONS "C" AND "D" ARE MINIMUM REQUIREMENTS WITH A TOLERANCE OF NO MORE THAN −0.050 INCHES /+ 2 INCHES.
4. DESIGN PULL BOXES TO MEET OR EXCEED THE TIER LOADING PER SPECIFICATION 647. THE CONTRACTOR SHALL PROVIDE PULL BOX WITH WEATHERPROOF GASKET.
5. PULL BOXES SHALL BE CONCRETE WITH H20 TRAFFIC RATING.
6. CONTRACTOR SHALL SUPPLY PRE−CAST CONCRETE POLYMER PULL BOX. ALL IMPACT RESISTANCE TESTING MUST BE IN ACCORDANCE WITH ASTM D−2444. ALL WATER ABSORPTION TESTING SHALL MEET ASTM D−570.
7. PULL BOX MUST MEET ALL REQUIREMENTS OUTLINED WITH GDOT STANDARD DETAIL TS−02 PULL BOX ASSEMBLY AND INSTALLATION.
8. THERE SHALL BE NO CABLE SPLICING WITHIN PULL BOX. PULL BOX SHALL BE ONLY USED FOR CABLE PASS THROUGH. CONTRACTOR SHALL PROVIDE PULL BOX WITH WEATHERPROOF GASKET.

NOTES:

1. SEE GDOT STANDARD DETAIL TS−04 FOR POLE DETAILS.
2. SEE GDOT STANDARD DETAIL TS−05 FOR FOUNDATION DETAILS.
3. SEE GDOT STANDARD DETAIL TS−06 FOR GROUNDING DETAILS. BOND REBAR CAGE AND ALL ANCHOR BOLTS TO GROUNDING LUG ON POLE INTERIOR.



LIGHTING STANDARD
(NOT TO SCALE)

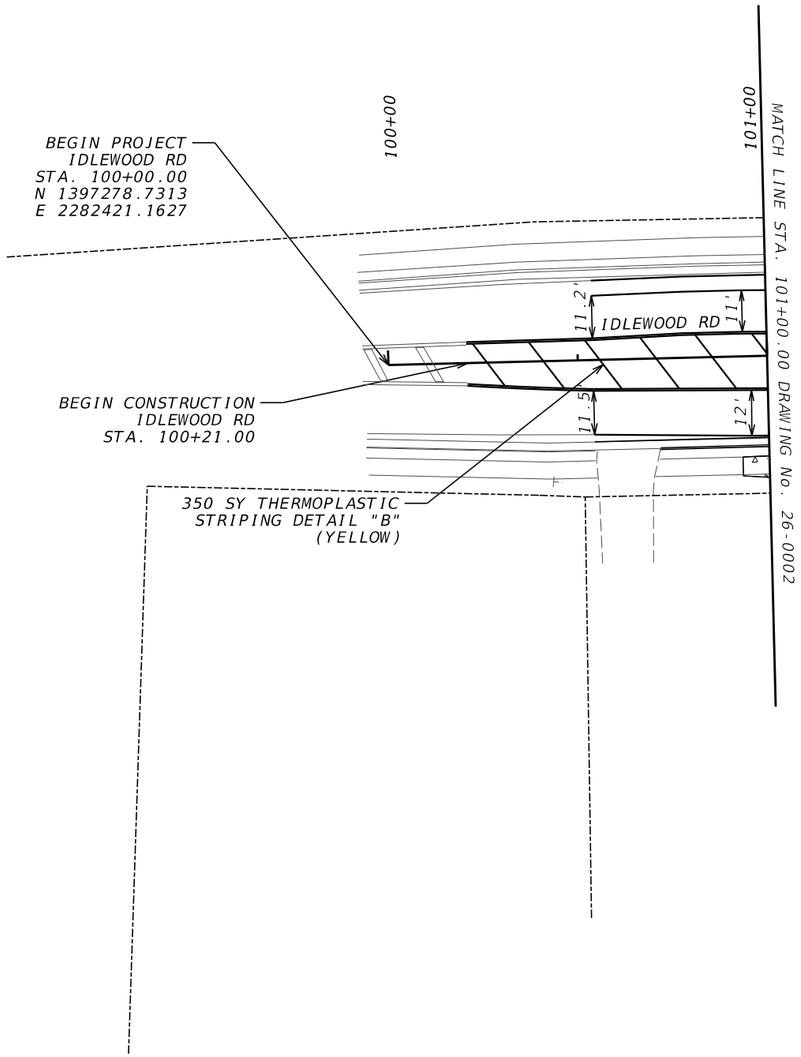
Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

LIGHTING
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		25-0004
CORRECTED:		DATE:		
VERIFIED:		DATE:		



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

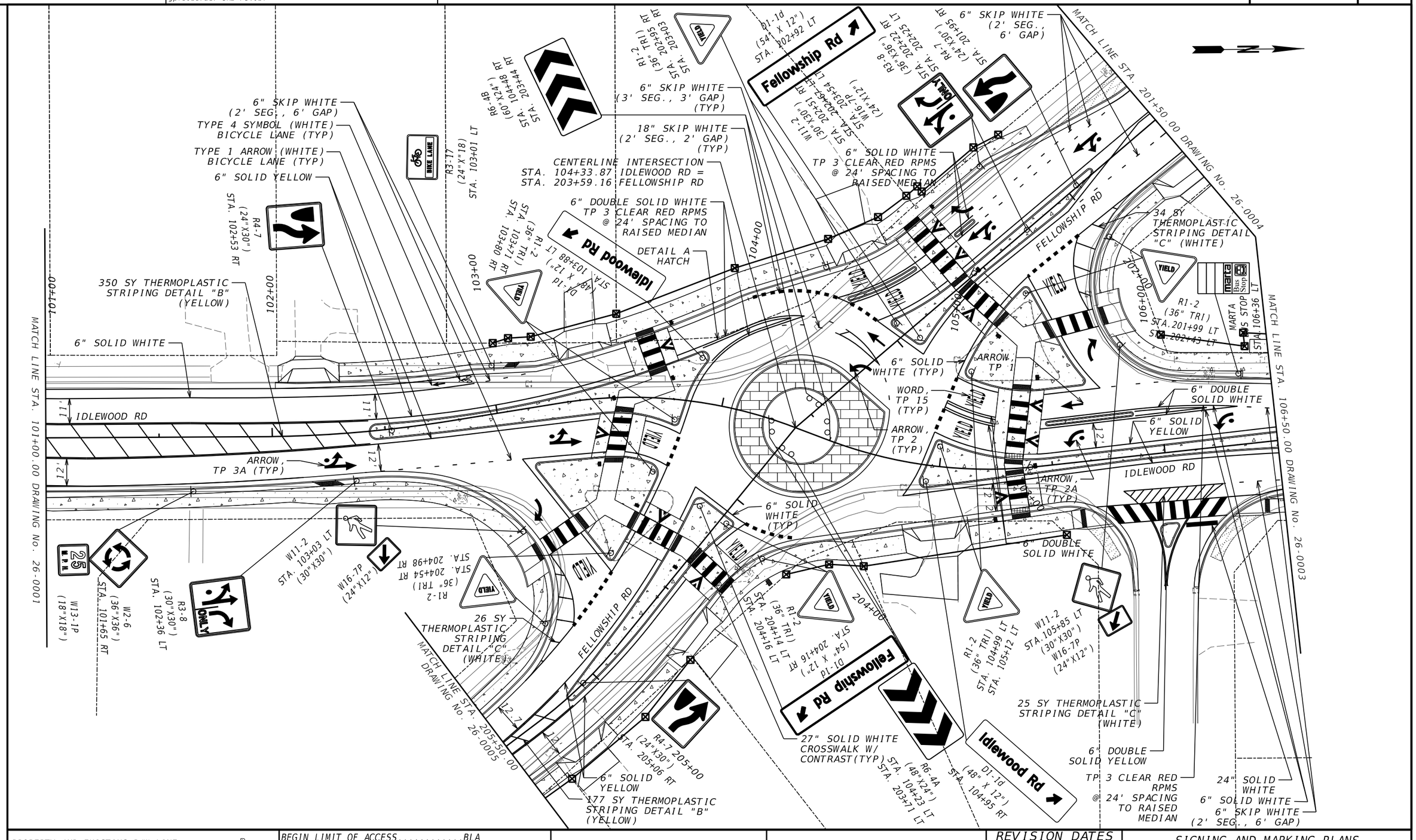
SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS
IDLEWOOD RD AT FELLOWSHIP DR

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

GPLN-CE
11/05/2020



PROPERTY AND EXISTING R/W LINE
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EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
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REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS
IDLEWOOD RD AT FELLOWSHIP DR

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

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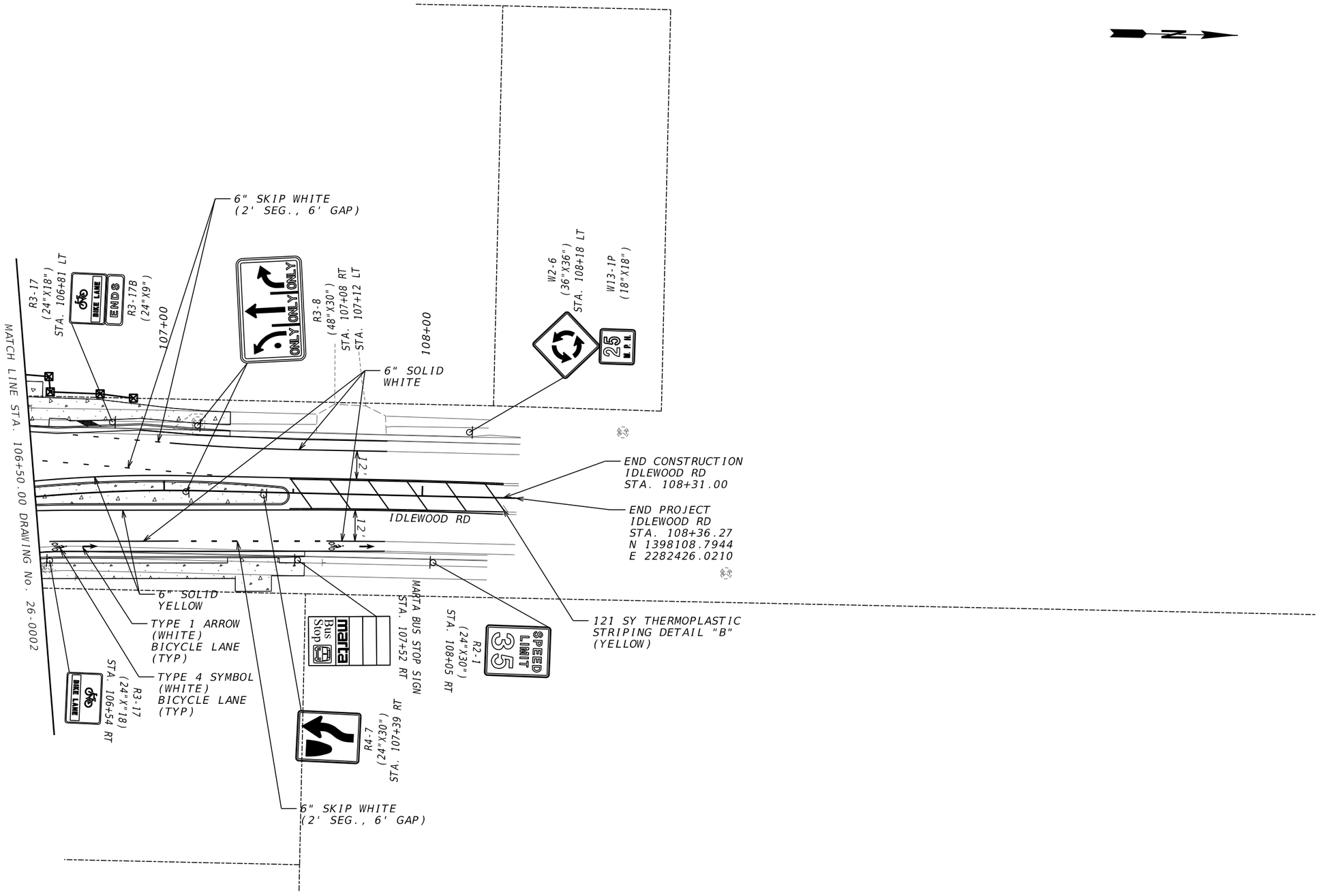
11/05/2020



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

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END LIMIT OF ACCESS.....ELA
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REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
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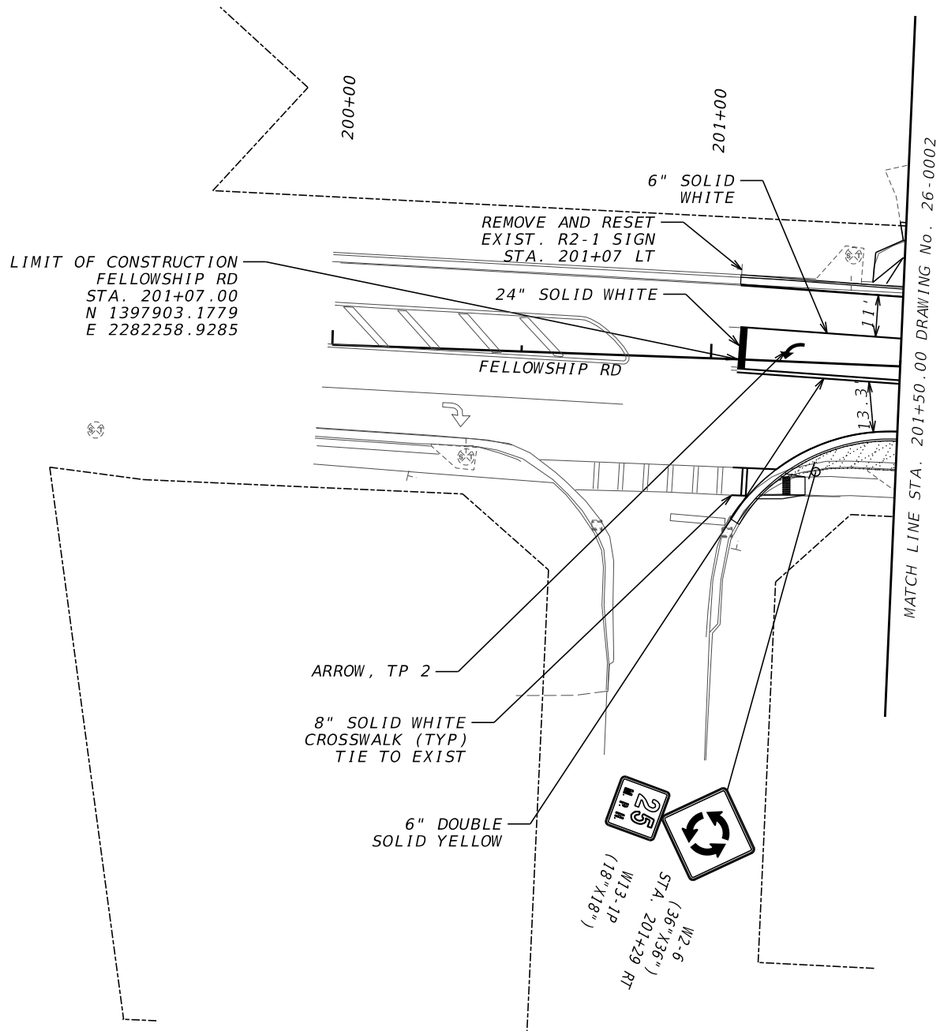
SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS
IDLEWOOD RD AT FELLOWSHIP DR

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

GPLN-CE
11/05/2020



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EXISTING LIMIT OF ACCESS & R/W
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SCALE IN FEET
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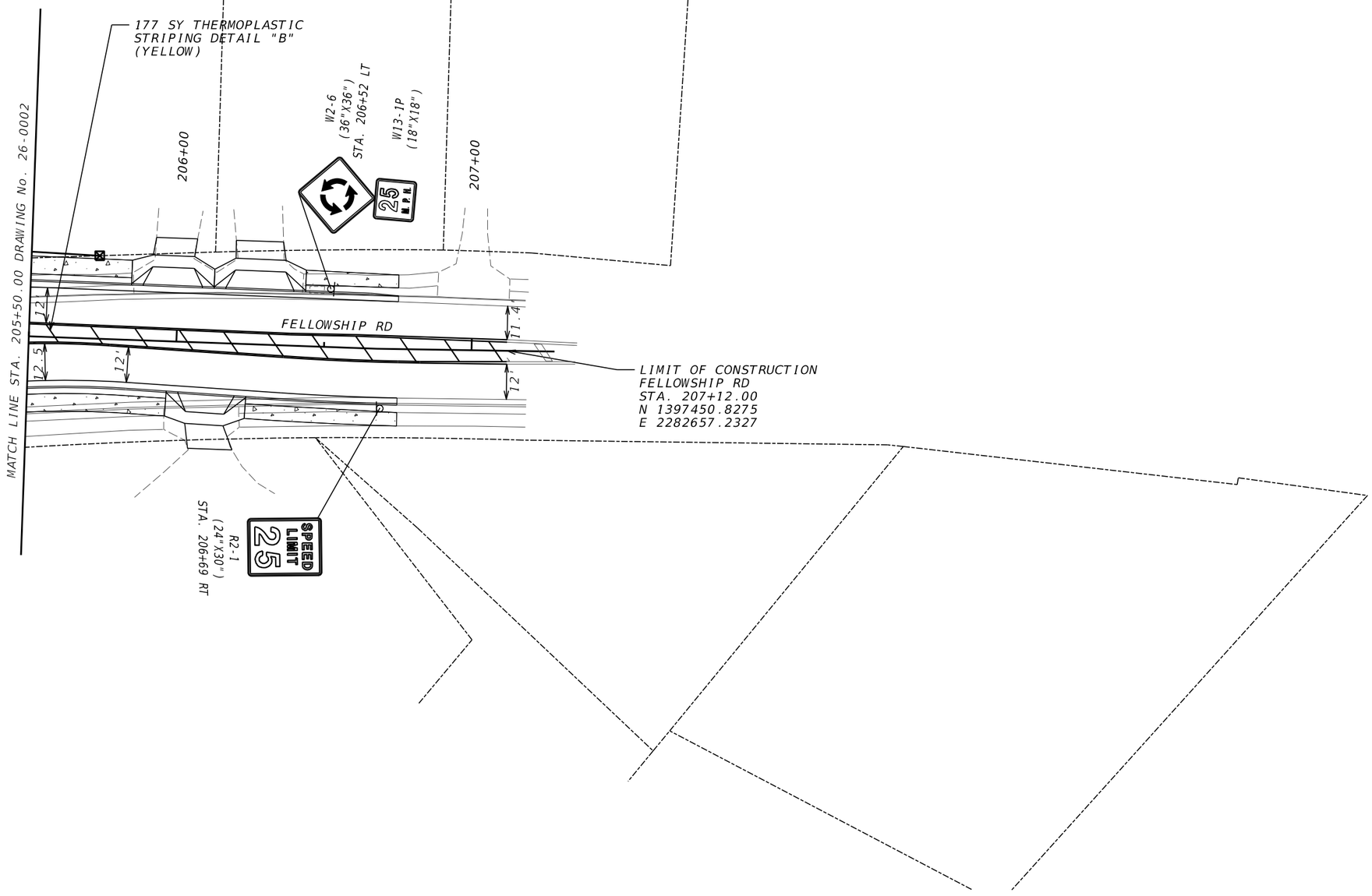
REVISION DATES

SIGNING AND MARKING PLANS
IDLEWOOD RD AT FELLOWSHIP DR

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

GPLN-CE
11/05/2020



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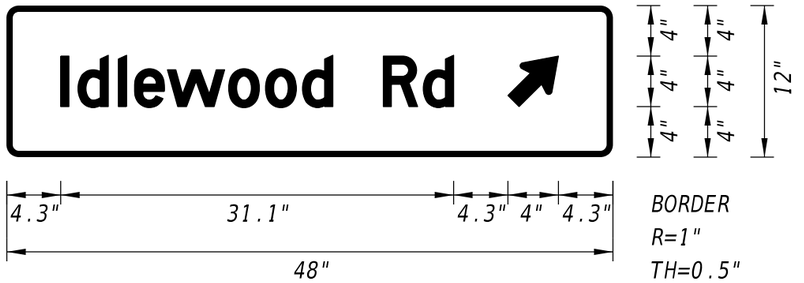
SCALE IN FEET
0 20 40 80

REVISION DATES

SIGNING AND MARKING PLANS
IDLEWOOD RD AT FELLOWSHIP DR

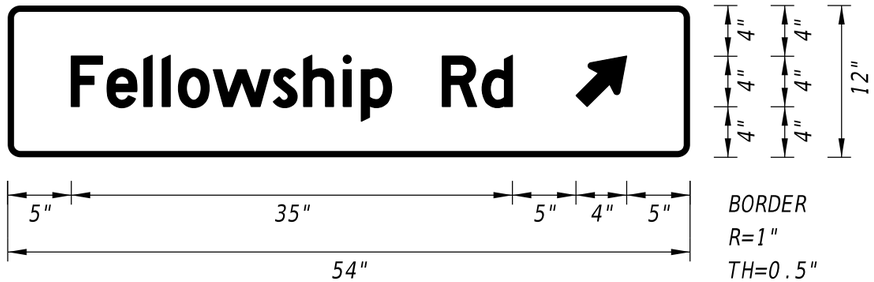
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0005
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020



BORDER
R=1"
TH=0.5"

D1-1d (#1)
(48"X12")
WHITE ON GREEN
2 REQ'D



BORDER
R=1"
TH=0.5"

D1-1d (#2)
(54"X12")
WHITE ON GREEN
2 REQ'D

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Peachtree Corners, Georgia 30092

NOT TO SCALE

REVISION DATES

SIGNING AND MARKING PLANS
IDLEWOOD RD AT FELLOWSHIP RD

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

GPLN-CE
11/05/2020

WARNING SIGNS

W11-2
36"X36"

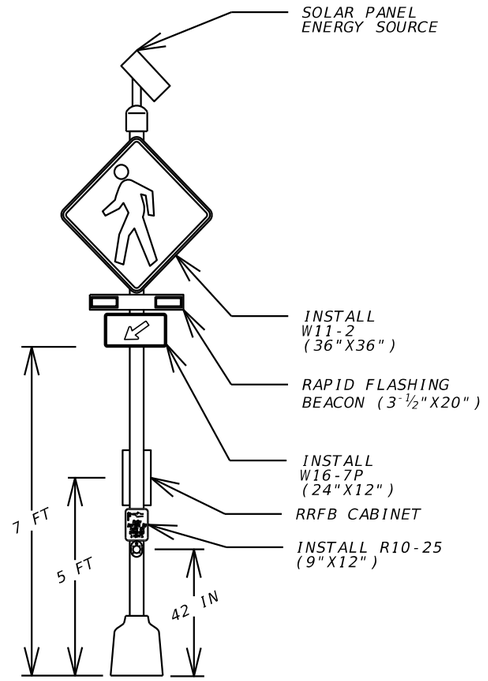
W16-7P
24"X12"

PEDESTRIAN SIGNS

R10-25
9"X12"

LEGEND

▪	PULL BOX, TP 2
▪	PULL BOX, TP 2CONDUIT, NONMETAL, TP 3, 2 IN
þ	RECTANGULAR FLASHING BEACON ASSEMBLY



DETAIL A - RECTANGULAR RAPID FLASHING BEACON (RRFB)

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Peachtree Corners, Georgia 30092

N.T.S

REVISION DATES

SIGNAL PLANS
IDLEWOOD RD AT FELLOWSHIP DR

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		27-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 103+79 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 202+67 LT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 202+48 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(2) W11-2 (36X36)
(2) W16-7P (24X12)
(2) R10-25 (9x12)
STA 202+54 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 103+42 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 103+50 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 103+74 LT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 204+29 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(2) W11-2 (36X36)
(2) W16-7P (24X12)
(2) R10-25 (9x12)
STA 204+39 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 105+23 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 105+22 RT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(2) W11-2 (36X36)
(2) W16-7P (24X12)
(2) R10-25 (9x12)
STA 105+40 LT
SEE DETAIL A

RECTANGULAR RAPID
FLASHING BEACON
(1) W11-2 (36X36)
(1) W16-7P (24X12)
(1) R10-25 (9x12)
STA 105+49 LT
SEE DETAIL A

IDLEWOOD RD
FELLOWSHIP RD
ASPHALT
101+00
102+00
103+00
104+00
105+00
202+00
204+00
205+00
11'
12'

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

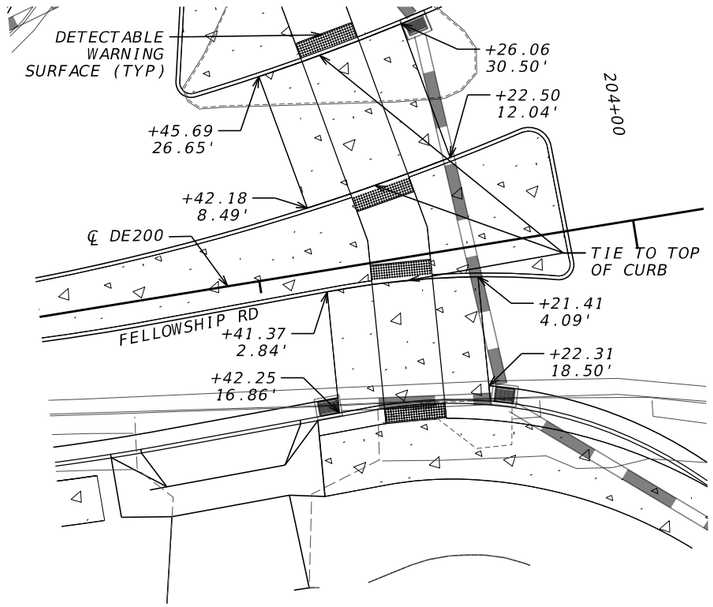
REVISION DATES

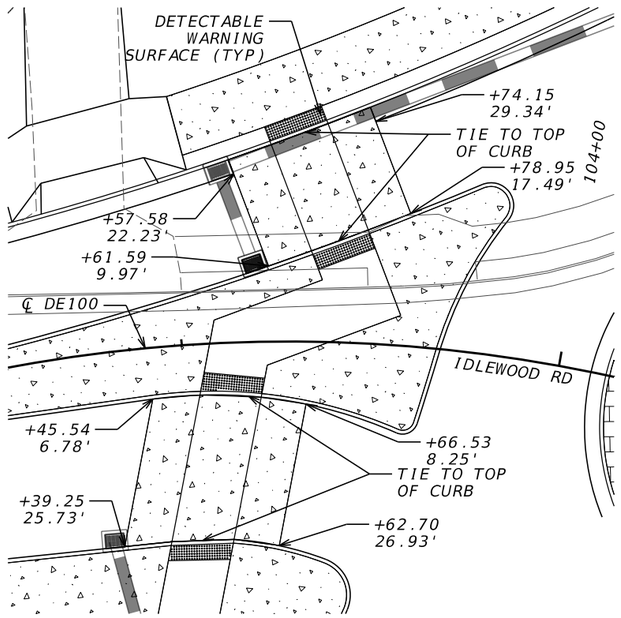
SIGNAL PLANS
IDLEWOOD RD AT FELLOWSHIP DR

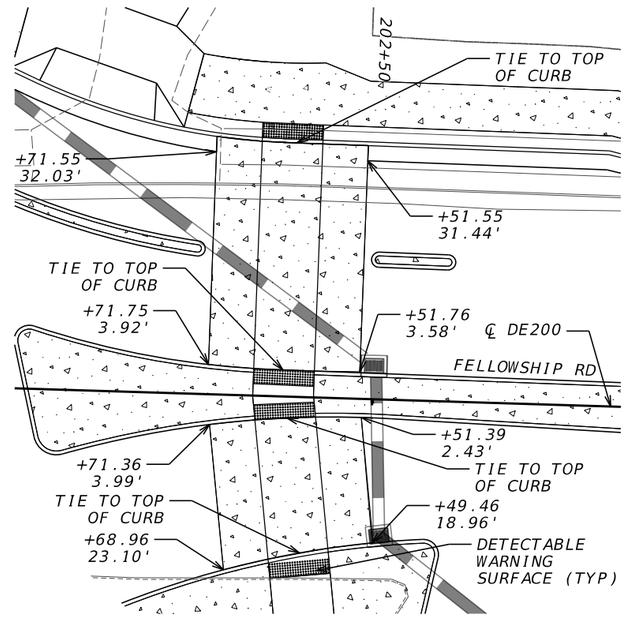
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

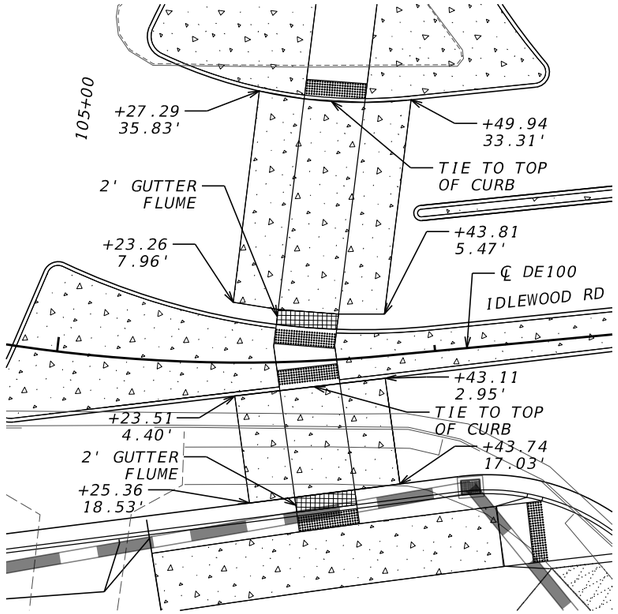
DRAWING No.
27-0002

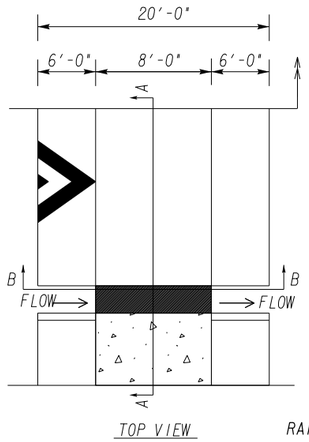
GPLN-CE
11/05/2020





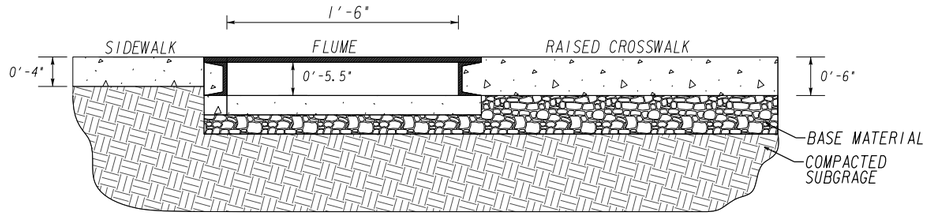




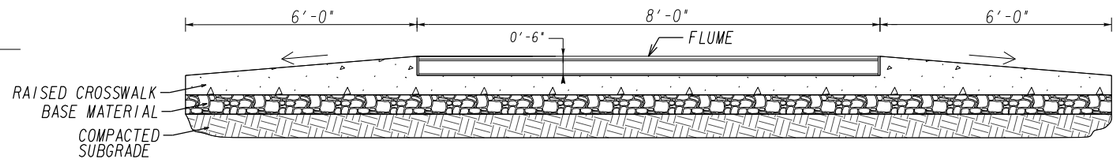


TOP VIEW

RAISED CROSSWALK WITH FLUME



SECTION A-A



SECTION B-B

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 10 20 40

REVISION DATES

SPECIAL CONSTRUCTION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD

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

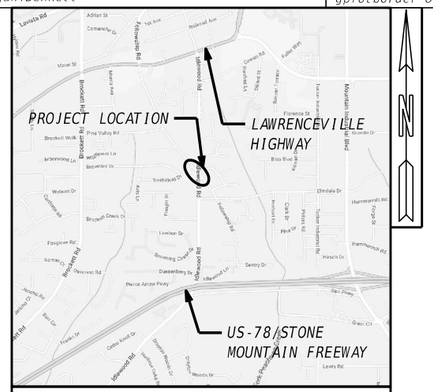
GPLN-CE
11/05/2020

CITY OF TUCKER

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN

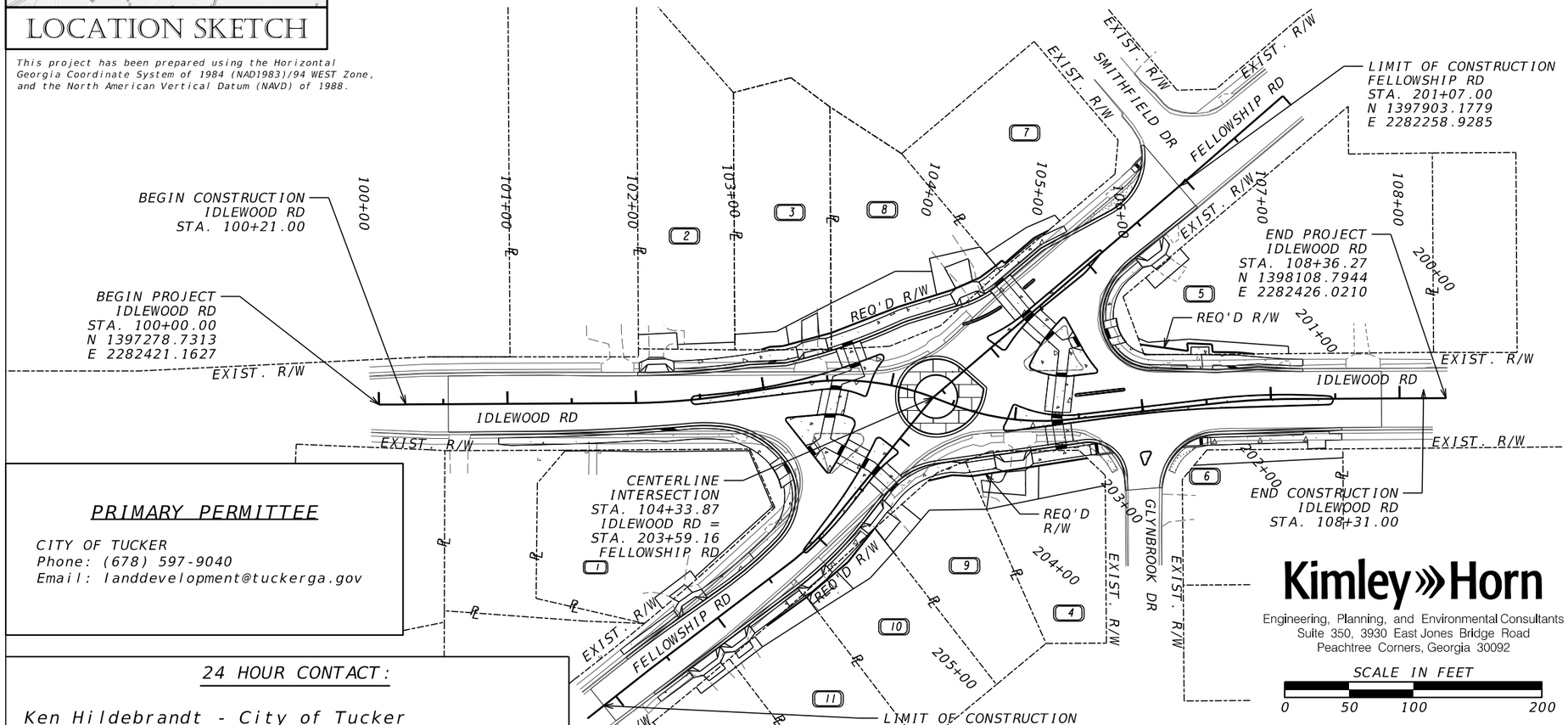
IDLEWOOD ROAD AT FELLOWSHIP ROAD ROUNDABOUT

DEKALB COUNTY



LOCATION SKETCH

This project has been prepared using the Horizontal Georgia Coordinate System of 1984 (NAD1983)/94 WEST Zone, and the North American Vertical Datum (NAVD) of 1988.



BEGIN-POINT COORDINATES
Longitude: -84.2133093°
Latitude: 33.8411930°
MID-POINT COORDINATES
Longitude: -84.2133284°
Latitude: 33.8423370°
END-POINT COORDINATES
Longitude: -84.2132945°
Latitude: 33.8434742°

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

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

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

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

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 39533 DARREN J. WILTON

7/3/2025

DARREN WILTON GSWCC LEVEL II
CERTIFICATION NUMBER: 0000075420

PRIMARY PERMITTEE

CITY OF TUCKER
Phone: (678) 597-9040
Email: landdevelopment@tuckerga.gov

24 HOUR CONTACT:

Ken Hildebrandt - City of Tucker
Name

1975 Lakeside Parkway
Street Address

Tucker, GA 30084
City. State Zip

770-865-5645
Phone Number

khildebrandt@tuckerga.gov
Email Address

Contractor shall complete the information in this box.

Kimley»Horn
Engineering, Planning, and Environmental Consultants
Suite 350, 3930 East Jones Bridge Road
Peachtree Corners, Georgia 30092

SCALE IN FEET
0 50 100 200

LENGTH OF PROJECT	DEKALB COUNTY COUNTY No. 089
	MILES
NET LENGTH OF ROADWAY	0.1584
NET LENGTH OF BRIDGES	0.0000
NET LENGTH OF PROJECT	0.1584
NET LENGTH OF EXCEPTIONS	0.0000
GROSS LENGTH OF PROJECT	0.1584

PLANS COMPLETED 05-14-2025

REVISIONS

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

DRAWING No.
50-0001

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD: DeKalb County SWCD

Project Name: Idlewood Road at Fellowship Road **Address:** Idlewood Rd at Fellowship Rd, Tucker, GA

Local Issuing Authority: EPD **Date on Plans:** 7/3/2025 **County:** Dekalb

Name & email of person filling out checklist: Darren Wilton; darren.wilton@kimley-horn.com

Plan Page #	Included Y/N		TO BE SHOWN ON ES&PC PLAN
50-0001	Yes	1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. Permit IV.D.1. pg 28
50-0001	Yes	2	Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, after completion of a GSWCC approved course, and whose signature and seal are on the Plan.
50-0001	Yes	3	The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
50-0001	Yes	4	Provide the name, address, email address, and phone number of Primary Permittee.
53-0001	Yes	5	Note total and disturbed acreages of the project or phase under construction.
50-0001	Yes	6	Provide the GPS locations of the beginning and end of the infrastructure project. Give the Latitudes and Longitudes in decimal degrees.
50-0001	Yes	7	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
51-0002	Yes	8	Descriptions of the nature of construction activity and existing site conditions.
50-0001	Yes	9	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
51-0008	Yes	10	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
50-0001	Yes	11	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 20 of the permit.
50-0001	Yes	12	Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit. *
50-0001	Yes	13	Design professional certification statement and signature that the Permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3). page 37 of the permit as applicable. *
51-0005	Yes	14	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect and certify the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *
51-0007	Yes	15	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
51-0007	Yes	16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51-0002	Yes	17	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
51-0002	Yes	18	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *
51-0002	Yes	19	Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
51-0002	Yes	20	Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
51-0002	Yes	21	Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
51-0011	Yes	22	Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment must comply with Part III.C. of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *
51-0011	Yes	23	If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *
51-0002	Yes	24	BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *
51-0004	Yes	25	Provide BMPs for the remediation of all petroleum spills and leaks.
51-0004	Yes	26	Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *
51-0005	Yes	27	Description of practices to provide cover for building materials and building products on site. *
51-0004/51-0005	Yes	28	Description of the practices that will be used to reduce the pollutants in storm water discharges. *
51-0004	Yes	29	Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).

Plan Page #	Included Y/N		TO BE SHOWN ON ES&PC PLAN
51-0005	Yes	30	Provide complete requirements of Inspections and record keeping by the Primary Permittee. *
51-0006/51-0007	Yes	31	Provide complete requirements of Sampling Frequency and Reporting of sampling results. *
51-0007	Yes	32	Provide complete details for Retention of Records as per Part IV.F. of the permit. *
51-0008	Yes	33	Description of analytical methods to be used to collect and analyze the samples from each location. *
51-0008	Yes	34	Appendix B rationale for NTU values at all outfall sampling points where applicable. *
51-0008	Yes	35	Delineate all sampling locations on all phases of the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *
51-0005	Yes	36	A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase plan. *
50-0001 53-0001 54 Series 55-0001	Yes	37	Graphic scale and North arrow.
53-0001 55-0001	Yes	38	Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Existing Contours: USGS 1": 2000' Topographical Sheets; Proposed Contours: 1" : 400' Centerline Profile
51-0007	Yes	39	Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
	N/A	40	Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
	N/A	41	Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
53-0001 55-0001	Yes	42	Delineation of all State Waters and wetlands located on or within 200 feet of the project site.
53-0001	Yes	43	Delineation and acreage of contributing drainage basins on the project site.
53-0001 55-0001	Yes	44	Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.
53-0001	Yes	45	An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
53-0001	Yes	46	Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.
51-0010	Yes	47	Soil series for the project site and their delineation.
54 Series	Yes	48	The limits of disturbance for each phase of construction.
51-0009	Yes	49	Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
54 Series	Yes	50	Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual Chapter 6, with legend.
56 Series	Yes	51	Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
51-0002/51-0003	Yes	52	Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

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

Effective January 1, 2025

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON

7/3/2025

Kimley»Horn
Engineering, Planning, And Environmental Consultants
3930 East Jones Bridge Road, Suite 350
Peachtree Corners, Georgia 30092

NOT TO SCALE

REVISION DATES

ESPCP GENERAL NOTES
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED: DATE: DRAWING No.
BACKCHECKED: DATE: 51-0001
CORRECTED: DATE:
VERIFIED: DATE:

GPLN-CE
11/05/2020

DESCRIPTION OF EXISTING SITE AND PROPOSED PROJECT

(8) The existing site consists of a signalized four-way intersection between Idlewood Rd and Fellowship Rd.

The project proposes to convert the existing intersection of Idlewood Rd and Fellowship Rd to a hybrid multi-lane roundabout. The project will maintain existing drainage patterns. The existing footprint of the intersection will be widened to accommodate the roundabout geometry.

For additional information, see the project layout sheets included in the Plan Set.

ESPCP ALTERATIONS, AMENDMENTS, AND REVISIONS

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

(17) The Contractor, the Certified Design Professional, and the WECS shall carefully evaluate this plan prior to commencing land-disturbing activities. Amendments/revisions to the ESPCP which have a significant effect on BMPs with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC Level-II Certified Design Professional. Additional BMPs may be added per Special Provision 161-Control of Soil Erosion and Sedimentation.

MAINTAINING EROSION CONTROL MEASURES

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

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

WASTE DISPOSAL

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with applicable state and local waste storage and disposal regulations and obtain all necessary permits.

(18) Solid materials, including building materials, shall not be discharged to Waters of the State, unless authorized by a Section 404 Permit.

READY MIX CHUTE & TOOLS WASHDOWN

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

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

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

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

SITE STABLIZATION AND VEGETATION PLANTING SCHEDULE

(21) (52) Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

The EPD General NPDES GAR100002 permit indicates that the disturbed area where construction activities have temporarily or permanently ceased shall be stabilized within 14 days of such cessation or as soon as practicable if precluded by adverse weather conditions. However, in special cases, the Project Engineer may require the contractor to perform stabilization more often than 14 days.

Disturbed areas shall be stabilized with suitable material listed in the current edition of the Department's Standard Specifications (or Special Provisions) Sections 161, 163, 700, or 711 on the basis of when construction activities are expected to resume.

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

GEORGIA REGISTERED No. 39633 PROFESSIONAL ENGINEER DARREN J. WILTON

7/3/2025

(##) GSWCC CHECKLIST ITEM NO. PER CHECKLIST ON 51-0001

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NOT TO SCALE

REVISION DATES

ESPCP GENERAL NOTES
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		51-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

SITE STABLIZATION AND VEGETATION PLANTING SCHEDULE (CONT'D)

(52)

Ds1 - MULCHING	
MATERIAL	DEPTH
DRY STRAW OR HAY	2" TO 4"
WOOD WASTE (SAWDUST, BARK, CHIPS)	2" TO 3"
CUTBACK ASPHALT (SLOW CURING)	1200 GAL. / ACRE (11/4 GAL. / SQ.YD.)
BLACK POLYETHYLENE FILM	COMPLETELY COVER AREA; HOLD IN PLACE WITH SOIL ON OUTER EDGE

Ds2 - TEMPORARY SEEDING

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS

SPECIES	RATES PER 1,000 SQ. FT.	RATES PER ACRE	PLANTING DATES BY REGION		
			M-L	P	C
BARLEY	3.3 LBS.	3 BU.	9/1-10/31	9/15-11/15	10/1-12/31
OATS	3.3 LBS.	3 BU.	9/1-10/31	9/15-11/15	10/1-12/31
TRITCALE	3.3 LBS.	3 BU.	9/1-10/31	9/15-11/15	10/1-12/31
RYEGRASS, ANNUAL RYE LESPEDEZA, ANNUAL	0.9 LBS. 0.6 LBS. 0.9 LBS.	40 LBS. 0.5 BU. 40 LBS.	8/15-11/15 8/15-10/31 3/1-3/31	9/15-12/15 9/15-11/30 3/1-3/31	9/15-12/31 10/1-12/31 2/1-2/28
WEEPING LOVEGRASS	0.1 LBS.	4 LBS.	4/1-5/31	4/1-5/31	3/1-5/31
SUDANGRASS	1.4 LBS.	60 LBS.	4/1-8/31	4/1-8/31	3/1-7/31
MILLET, BROWNTOP MILLET, PEARL	0.9 LBS. 1.1 LBS.	40 LBS. 50 LBS.	4/15-6/15 5/15-7/15	10/1-12/15	10/15-12/31
WHEAT	4.1 LBS.	3 BU.	9/15-11/30	10/1-12/15	10/15-12/31

1. TEMPORARY COVER CROPS ARE VERY COMPETITIVE AND WILL CROWN OUT PERENNIALS IF PLANTED TOO HEAVILY.

2. REDUCE SEEDING RATES BY 50% WHEN DRILLED.

3. UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIER SEEDING RATES.

4. SEEDING RATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.

M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES & VALLEYS MLRAS.

P REPRESENTS THE SOUTHERN PIEDMONT REGION MLRA.

C REPRESENTS THE SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRAS.

FERTILIZER REQUIREMENTS FOR TEMPORARY VEGETATION

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)
COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 - 30
COOL SEASON GRASSES & LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 - -
TEMPORARY COVER CROPS	FIRST	10-10-10	500	30
SEEDED ALONE WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30

Ds3 - PERMANENT GRASSING

PLANTS, PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER

TYPES OF SPECIES	RATES PER ACRE	RATES PER 1,000 SF	PLANTING DATES BY REGION			REMARKS
			M-L	P	C	
BAHIA, PENSACOLA ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	60 LBS. 30 LBS.	1.4 LBS. 0.7 LBS.	-	4/1-5/31	3/1-5/31	LOW GROWING AND SOD FORMING. ALLOW TO ESTABLISH. WILL SPREAD INTO BERMUDA LAWNS.
BAHIA, WILMINGTON ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	60 LBS. 30 LBS.	1.4 LBS. 0.7 LBS.	3/15-5/31	3/1-5/31	-	LOW GROWING AND SOD FORMING. ALLOW TO ESTABLISH. WILL SPREAD INTO BERMUDA LAWNS.
BERMUDA, COMMON (HULLED SEED) ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	10 LBS. 6 LBS.	0.2 LBS. 0.1 LBS.	-	4/1-5/31	3/15-5/31	QUICK COVER. LOW GROWING AND SOD FORMING. NEEDS FULL SUN.
BERMUDA, COMMON (UNHULLED SEED) ALONE OR WITH TEMPORARY COVER WITH PERENNIALS	10 LBS. 6 LBS.	0.2 LBS. 0.1 LBS.	-	10/1-2/28	11/1-1/31	PLANT WITH WINTER ANNUALS PLANT WITH TALL FESCUE
BERMUDA, SPRIGS TEMPORARY COVER	40 CF SOD PLUGS 3' X 3'	0.9 CF	4/15-6/15	4/15-6/15	4/1-5/31	1 CF = 650 SPRIGS 1 BU. = 1.25 CF OR 800 SPRIGS.
CENTIPEDE	BLOCK SOD ONLY		-	11/1-5/31	11/1-5/31	DROUGHT TOLERANT; FULL SUN OR PARTIAL SHADE; EFFECTIVE ADJACENT TO CONCRETE AND IN CONCENTRATED FLOW AREAS; IRRIGATION NEEDED UNTIL FULLY ESTABLISHED; DO NOT PLANT NEAR PASTURES.
CROWN VETCH WITH WINTER ANNUALS OR COOL WINTER GRASSES	15 LBS.	0.3 LBS.	9/1-10/15	9/1-10/10	-	MIX WITH 30 LBS. TALL FESCUE OF 15 LBS. RYE; INNOCULATE SEED; ONLY NORTH OF ATLANTA, DENSE GROWTH; DROUGHT TOLERANT AND FIRE RESISTENT
FESCUE, TALL ALONE WITH OTHER PERENNIALS	50 LBS. 30 LBS.	1.1 LBS. 0.7 LBS.	3/1-4/1 OR 8/15-10/15	9/1-10/15 OR 2/15-4/15	-	NOT FOR DROUGHTY SOILS. MIX WITH PERENNIAL LESPEDEZAS OR CROWNVETCH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTINGS. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS. 227,000 SEED PER POUND.
LESPEDEZA, SERICEA SCARIFIED	60 LBS.	1.4 LBS.	4/1-5/31	3/15-5/31	3/1-5/15	WIDELY ADAPTED AND LOW WAINTENANCE. TAKES 2-3 YEARS TO ESTABLISH. EXCELLENT ON ROADBANKS. INOCULATE SEED WITH EL INOCULANT. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, HAHIA, OR TALL FESCUE.
UNSCARIFIED	75 LBS.	1.7 LBS.	9/1-2/28	9/1-2/28	9/1-2/28	MIX WITH TALL FESCUE OR WINTER ANNUALS
SEED-BEARING HAY	3 TONS	138 LBS.	10/1-1/31	10/1-1/31	9/15-1/15	CUT WHEN SEED IS MATURE, BUT BEFORE IT SHATTERS. ADD TALL FESCUE OR WINTER ANNUALS.
LESPEDEZA, AWBRO VIRGETA OR APPALOW SCARIFIED UNSCARIFIED	60 LBS. 75 LBS.	1.4 LBS. 1.7 LBS.	4/1-5/31 9/1-2/28	3/15-5/31 9/1-2/28	3/15-5/15 9/1-2/28	SPREADING GROWTH WITH HEIGHT OF 18"-24". GOOD IN URBAN AREAS. MIX WITH WEEPING LOVEGRASS, COMMON BERMUDA, BAHIA, TALL FESCUE, OR WINTER ANNUALS. DO NOT WIX WITH SERICEA LESPEDEZA. SLOW TO DEVELOP SOLID STANDS. INOCULATE SEED WITH EL INOCULANT.
LESPEDEZA, SHRUB (LESPEDEZA BICOLOR OR LESPEDEZA THUMBERGIL) PLANTS	3' X 3' SPACING		10/1-3/31	11/1-3/15	11/15-2/28	PLANT IN SMALL CLUMPS FOR WILDLIFE FOOD AND COVER.
LOVEGRASS, WEEPING ALONE WITH OTHER PERENNIALS	4 LBS. 2 LBS.	0.1 LBS 0.05 LBS	4/1-5/31	3/15-5/31	3/1-5/31	QUICK COVER. DROUGHT TOLERANT. GROWS WELL WITH SERICEA LESPEDEZA ON ROADBANKS.
MAIDENCANE SPRIGS	2' X 3' SPACING		2/1-3/31	2/1-3/31	2/1-3/31	FOR VERY WET SITES SUCH AS RIVERBANKS AND SHORELINES. DIG SPRIGS LOCALLY. MAY CLOG CHANNELS.
PANICGRASS, ATLANTIC COASTAL	20 LBS.	0.5 LBS	-	3/1-4/30	3/1-4/30	GROWS WELL ON COASTAL SAND DUNES, BORROW AREAS, AND GRAVEL PITS. PROVIDES WINTER COVER FOR WILDLIFE. MIX WITH SERICEA LESPEDEZA EXCEPT ON SAND DUNES.
REED CANARY GRASS ALONE WITH OTHER PERENNIALS	50 LBS. 30 LBS.	1.1 LBS. 0.7 LBS.	6/15-10/15	9/1-10/15	-	GROWS SIMILAR TO TALL FESCUE
SUNFLOWER, 'AZTEC' MAXIMILLIAN	10 LBS.	0.27 LBS.	4/15-5/31	4/15-5/31	4/1-5/31	MIX WITH WEEPING LOVEGRASS, LEGUMES, OR OTHER LOW GROWING GRASSES.

Ds3 - PERMANENT SEEDING

FERTILIZER REQUIREMENTS FOR PERMANENT VEGETATION

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)
COOL SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 - 30
COOL SEASON GRASSES & LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 - -
GROUND COVERS	FIRST SECOND MAINTENANCE	10-10-10 10-10-10 10-10-10	1300 1300 1300	- - -
PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING HOLE	-
SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10 0-10-10	700 700	- -
TEMPORARY GROUND COVER CROPS SEEDED ALONE	FIRST	10-10-10	500	30
WARM SEASON GRASSES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30
WARM SEASON GRASSES & LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10 0-10-10	1500 1000 400	50 - -

APPLY AGRICULTURAL LIME AS PRESCRIBED BY SOIL TESTS OR AT A RATE OF 1-2 TONS PER ACRE

(##) GSWCC CHECKLIST ITEM NO. PER CHECKLIST ON 51-0001

GEORGIA REGISTERED No. 39523 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

Kimley»Horn
Engineering, Planning, And Environmental Consultants
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GPLN-CE
11/05/2020

NON-STORMWATER DISCHARGES

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

PETROLEUM STORAGE,SPILLS AND LEAKS

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

If the Contractor elects to store petroleum products on site, the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GAR100002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

The phone number for the Georgia Nuclear Regulatory Commission is 1-800-424-8802.

POSTCONSTRUCTION BMPs FOR STORMWATER MANAGEMENT

(26) All permanent postconstruction BMPs are shown in the construction plans and in the ESPCP plan. The postconstruction BMPs for this project consist of vegetation where necessary. The postconstruction BMPs will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) Ds1

(28) 1. Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance.
2. Mulch shall have a continous 90% cover or greater of the soil surface.
3. Select one of the following mulching materials and apply at the depth indicated:
   a. Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage. Mulch shall be anchored immediately after application by hand or by mechancial equipment. When spread with blower-type equipment, mulch shall be anchored with emulsified asphalt sprayed onto the mulch as it is ejected from the machine.
   b. Wood waste (chips, sawdust, or bark) retained from the clearing stages, or acquired otherwise, shall be applied at a depth of 2 to 3 inches. Netting of the appropriate size shall be used to anchor thee wood waste.
   c. Cutback asphalt (slow curing) shall be applied at 1200 gal. per acre.
   d. Polyethylene film shall be secured over banks or stockpiled soil material for temporary protection. The film shall be anchor trenched at the top as well as incrementally as necessary.
4. Maintenance shall be required to maintain appropriate depth and 90% cover.

DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) Ds2

(28) 1. Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance.
2. Temporary grassing, instead of mulch, can be applied to rough graded areas that will be exposed for less than 6 months. If an area is expected to be undisturbed for more than 6 months, permanent perennial vegetation shall be used.
3. 10-10-10 fertilizer shall be applied at a rate of 500-700 lbs per acre before land preparation and incorporated with a disk, ripper, or chisel.

DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION) Ds3

(28) 1. Permanent vegetation shall be applied immediately to rough graded areas that will be undisturbed longer than 6 months.
2. Prepare the ground by plowing under any temporary grass and mulch areas and plowing the ground to a depth of 4 to 6 inches. Plowing shall be done on the contour, where feasible.
3. 6-12-12 or equivalent fertilizer shall be applied at a rate of 1500 lbs per acre.
4. Agricultural lime shall be applied at a rate of 1 to 2 tons per acre unless soil tests indicate otherwise.
5. Mulch shall be applied to permanent grassing areas such that 75% cover is achieved at the following rates:
   A. Dry straw - 2 tons per acre
   B. Dry Hay - 2 1/2 tons per acre
   C. Wood Cellulose Mulch or Wood Pulp Fiber - 500 lbs per acre
   D. Sericea Lespedeza Hay containing mature seed - 3 tons per acre

DISTURBED AREA STABILIZATION (WITH SODDING) Ds4

(28) 1. Permanent sodding shall be applied immediately to final grading areas that will be undisturbed throughout the remainder of construction.
2. Prepare soil surface to grade and clear surface of any trash, woody debris, stone and clods larger than 1".
3. 10-10-10 fertilizer shall be applied at a rate of 1000 lbs per acre and agricultural lime should be applied at a rate of 1 to 2 tons per acre for soil surface preparation unless soil tests indicate otherwise.
4. Sod must be staked on slopes steeper than 3:1 and in areas of concentrated flow.
5. Irrigate sod and soil to a depth of 4" immediately after installation.

CONSTRUCTION SCHEDULE AND SEQUENCE OF MAJOR ACTIVITIES

(28) The Contractor is responsible for developing the construction schedule for the project. The
(29) construction schedule for this project shall be submitted after the project is awarded along with the NOI. A copy of the construction schedule shall be maintained at the project site.

ACTIVITY	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6
TEMP. EROSION & SEDIMENT CONTROL	■	■	■	■	■	■
INITIAL PERIMETER CONTROL	■					
CLEARING, GRUBBING & GRADING	■	■				
TEMPORARY GRASSING	■	■	■			
CONSTRUCTION OF DRAINAGE	■	■				
CONSTRUCTION OF CURB & GUTTER, SIDEWALK			■	■	■	
CONSTRUCTION OF BASE & PAVING				■	■	■
FINAL GRASSING/PERM. EROSION & SED. CONTROL DEVICES				■	■	■
REMOVAL OF TEMP. SED. CONTROL DEVICES						■

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP to minimize or eliminate the vehicle tracking of dirt, soils, and sediments off site. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

(##) GSWCC CHECKLIST ITEM NO. PER CHECKLIST ON 51-0001

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NOT TO SCALE

REVISION DATES

ESPCP GENERAL NOTES
IDLEWOOD RD AT FELLOWSHIP RD

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CONSTRUCTION SCHEDULE AND SEQUENCE OF MAJOR ACTIVITIES (CONT'D)

(36) Initial Phase BMP Installation:

1. Perimeter control silt fence shall be installed as shown in the Initial Phase BMP Location Detail Sheets beginning with construction exits. Certified personnel shall conduct inspections in accordance with the NPDES Permit GAR 100002 throughout the entire project duration.
2. Inlet sediment traps shall be installed on existing drainage structures as shown on the Initial Phase BMP Location Details.
3. A 7-day inspection must be performed.
4. Maintain and repair or replace all temporary BMP's as necessary

Stage 1 - Intermediate Phase

This work includes clearing and grubbing, milling and leveling of existing roadways, widening of existing roadways, construction of curb and gutter and sidewalks, construction of residential driveways, and construction of drainage structures and pipes. Temporary BMP's should remain in place until all earthmoving activities have ceased and stabilization has been achieved, unless their removal is necessary for the construction of the roadway improvements.

Intermediate BMP Installation:
1. As proposed drainage features are constructed, the associated BMP's shall be installed as soon as practical.
2. Install temporary grassing and mulch per the requirements of the NPDES General Permit NO. GAR100002 to disturbed areas.
3. Maintain and repair or replace all temporary BMP's, as necessary, untill all earthmoving activities have ceased and final stabilization has been achieved for the entire stage, unless removal is necessary for the construction of the roadway improvements.

Stage 2

This work includes clearing and grubbing, milling and leveling of existing roadways, full depth construction, and construction of new sidewalk. Temporary BMP's should remain in place until all earthmoving activities have ceased and stabilization has been achieved, unless their removal is necessary for the construction of the roadway improvements.

Intermediate BMP Installation:
1. As proposed drainage features are constructed, the associated BMP's shall be installed as soon as practical.
2. Install temporary grassing and mulch per the requirements of the NPDES General Permit NO. GAR100002 to disturbed areas.
3. Maintain and repair or replace all temporary BMP's, as necessary, untill all earthmoving activities have ceased and final stabilization has been achieved for the entire stage, unless removal is necessary for the construction of the roadway improvements.

Stage 3

This work includes constructing concrete medians. Temporary BMP's should remain in place until all earthmoving activities have ceased and stabilization has been achieved, unless their removal is necessary for the construction of the roadway improvements.

Final Phase BMP Installation:

1. Install permanent vegetation on all disturbed areas where finished grade has been established as shown in the Final Phase BMP location detail sheets.
2. Maintain and repair or replace all temporary BMP's, as necessary, until all earthmoving activities have ceased and final stabilization has been achieved for the entire project. At this time, all temporary BMP's can be removed.

OTHER CONTROLS

(27) If the Contractor elects to store building material, building products, construction waste, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials on the site, the Contractor shall provide an appropriate covering to minimize the exposure of those materials or products to precipitation and stormwater to minimize the discharge of pollutants.

Minimization of exposure is not required in cases where exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of the specific material or product poses little risk to stormwater contamination or is intended for outdoor use.

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

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

INSPECTIONS AND REPORTING

(30) (14) As the primary permittee, the Department must retain the design professional who prepared the ESPCP, or an alternative design professional approved by EPD in writing, to inspect and certify the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days of installation over the entire infrastructure project. Alternatively, for linear infrastructure projects, the permittee must retain either of these personnel to inspect the initial sediment storage requirements and perimeter control BMPs for the initial segment, as defined by Part IV.A.5. of the current GAR100002 Permit, within 7 days of installation and all sediment basins within the entire linear infrastructure project within 7 days of installation. The inspecting design professional shall report the results to the primary permittee within 7 days, and the permittee must correct all deficiencies within 2 business days of receipt of the inspection report, unless on-site weather conditions are such that more time is required. Additionally, the Department's Construction Project Engineer will be responsible for all subsequent 7-day inspections for all new BMP installations.

All other inspections shall be documented on the appropriate Department inspection forms. See Standard Specification (or Special Provision) 167 and other contract documents for inspection and reporting requirements. These inspections shall continue until the Notice of Termination (NOT) is submitted.

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7/3/2025

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INSPECTIONS AND REPORTING (CONT'D)

Whenever the Department finds that a BMP has failed or is deficient beyond routine maintenance and has resulted in sediment deposition into waters of the State, the Contractor shall take reasonable steps to address the condition, including cleaning up any contaminated surfaces so the material will not discharge in subsequent storm events. When the repair does not require a new or replacement BMP or significant repair, the BMP failure or deficiency must be corrected by the close of the next business day from the time of discovery. A repair requiring a new or replacement BMP or significant repair must be operational by no later than 7 days from the time of discovery. If the repair time within 7 days is infeasible, the Contractor and the Department shall schedule the BMP repair to be operational as soon as practical after the 7-day time frame.

Failure to perform inspections as required by the contract documents and the NPDES permit shall result in the cessation of all construction activities with the exception of Traffic Control and Erosion Control. Continued failure to perform inspections shall result in non-refundable deductions as specified in the contract documents.

Permittee requirements.

(1). Each day when any type of construction activity has taken place at a Primar Permittee's site, certified personnel provided by the Primary Permittee shall inspect: (a) all areas at the Primary Permittee's site where petroleum products are stored, used, or handled for spills and leaks from vehicles and equipment and (b) all locations at the Primary Permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking. These inspections must be conducted until a Notice of Termination is submitted.

(2). Measure and record rainfall within disturbed areas of the site that have not met final stabilization once every 24 hours except any non-working Saturday, nonworking Sunday and non-working Federal holiday. The data collected for the purpose of compliance with this permit shall be representative of the monitored activity. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region.

(3). Certified personnel (provided by the Primary Permittee) shall inspect the following at least once every fourteen (14) calendar days: (a) disturbed areas of the Primary Permittee's construction site; (b) areas used by the Primary Permittee for storage of materials that are exposed to precipitation; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the Primary Permittee's site shall be observed to ensure that they are operating correctly. Certified personnel shall also conduct inspections within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday or any non-working Federal holiday in which case the inspection shall be completed by the end of the next business day and/or working day, whichever occurs first). Post-rain inspections will reset the 14-day inspection frequency requirement. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Part IV.D.4.a.(4). These inspections must be conducted until a Notice of Termination is submitted.

(4). Certified personnel (provided by the Primary Permittee) shall inspect at least once per month during the term of this permit (i.e., until a Notice of Termination is submitted to EPD) the areas of the site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).

(5). Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan, the Plan shall be revised as appropriate not later than seven (7) calendar days following each inspection. Implementation of such changes shall be made as soon as practical but in no case later than seven (7) calendar days following each inspection.

(6). A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5). of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction site that has been phased has undergone final stabilization and a Notice of Termination is submitted to EPD. Such reports shall be readily available by end of the second business day and/or working day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify any incidents, the inspection report shall contain a statement that the best management practices are in compliance with the Erosion, Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2. of this permit.

APPROPRIATE BMP AND SAMPLING CERTIFICATION STATEMENT

The permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated in Part IV page 20 of the permit. The signature of the preparer affixed on the Plan cover sheet serves as the certification.

(31) WATER QUALITY INSPECTING AND SAMPLING PROCEDURES

See Special Provision 167 and other contract documents for the inspecting and sampling procedures. Sampling locations are provided in the Sampling Location table herein.

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
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(##) GSWCC CHECKLIST ITEM NO. PER CHECKLIST ON 51-0001

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(31) REPORTING

All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate EPD District Office or delivery receipt email to the appropriate EPD District Office resource mailbox according to the schedule in Appendix A of this permit. The permittee shall retain a copy of the proof of submittal at the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part VI.

RETENTION OF RECORDS

(32) 1. The Primary Permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

a. A copy of all Notices of Intent submitted to EPD;
b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;
d. A copy of all sampling information, results, and reports required by this permit;
e. A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;
f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit; and
g. Daily rainfall information collected in accordance with Part IV.D.4.a.(2). of this permit.

2. Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), or other reports requested by the EPD, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternative location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

SILT FENCE INSTALLATION WITH J HOOKS AND SPURS

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

BMP INSTALLATION AND MAINTENANCE MEASURES

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

DEWATERING AND PUMPING ACTIVITIES

Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag, or shall be treated equivalently with suitable BMP's. The contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the contractor to perform water quality sampling of pumped discharges. The contractor shall prepare sampling plans in accordance with the current GAR100002 NPDES permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

USE OF ALTERNATIVE AND/OR ADDITIONAL BMPS

(39) No alternative or additional BMPs will be used on this project.

STATE WATER BUFFER IMPACTS

(15) State water buffers, as defined by O.C.G.A.
(16) 12-7-1, are not impacted by this project.

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

RIPRAP OUTLET PROTECTION

Outlet protection is not required for this project.

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SAMPLING LOCATIONS AND GENERAL NOTES

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

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

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

The permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3) page 37 of the permit as applicable. The signature of the preparer affixed on the Plan cover sheet serves as the certification.

(34) (35)

SAMPLING LOCATION TABLE											Representative Sampling Scheme				
Sampling Information											Outfall Characteristics				
Primary Sampled Feature	Location (Station and Offset)	Name of Receiving Water	Applicable Construction Stage for Sampling	Sampling Type (Outfall or Receiving water)	Drainage Area for Receiving Water (mi^2)	Upstream Disturbed Area (acres)	Warm or Cold Water Stream	Appendix B NTU Value (Outfall Sampling only)	Allowable NTU Increase (Receiving water sampling only)	Location Description	Construction Activity	Disturbed Area (acres)	Average Outfall Slope (Rise/Run)	Soil Erosion Index	Represented Outfall Drainage Basins
Outfall A	STA. 107+12.40, 26.46' LT	South Fork Peachtree Creek	All	Outfall	0.92	N/A	Warm	75	N/A	Existing Catch Basin	Road Widening	<1	Mild	Mild	Outfall B

(33) Storm water is to be sampled for nephelometric turbidity units (NTU) at the outfall location. A discharge of storm water runoff from disturbed areas where best management practices have not been properly designed, installed, and maintained shall constitute a separate violation for each day on which such conditions results in the turbidity of the discharge exceeding 75, the value that was selected from Apendix B in Permit No.GAR 100002. The NTU is based upon the site area of 2.80 acres, the surface water drainage area of 0.92 square miles, and receiving water which supports warm water fisheries.

Sample Type. All sampling shall be collected by "grab samples" and the analysis of these samples must be conducted in accordance with methodology and test procedures established by 40 CFR Part 136 (unless other test procedures have been approved), the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833- B-92-001" and guidance documents that may be prepared by the EPD.
(1). Sample containers should be labeled prior to collecting the samples.
(2). Samples should be well mixed before transferring to a secondary container.
(3). Large mouth, well cleaned and rinsed glass or plastic jars should be used for collecting samples. The jars should be cleaned thoroughly to avoid contamination.
(4). Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. If automatic sampling is utilized and the automatic sampler is not activated during the qualifying event, the permittee must utilize manual sampling or rising stage sampling during the next qualifying event. Dilution of samples is not required. Samples may be analyzed directly with a properly calibrated turbidimeter. Samples are not required to be cooled.
(5). Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this permit must be reported to EPD as specified in Part IV.E.

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(31) *SAMPLING FREQUENCY*

Sampling frequency shall be according to GAR100002 IV.D.6.d. Sampling by the permittee shall occur for the following qualifying events:

(a). For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a stormwater discharge that occurs during normal business hours after all clearing and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the location selected as the representative sampling location;

(b). In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a stormwater discharge that occurs during normal business hours either 90 days after the first sampling event or after all mass grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected as the representative sampling location, whichever comes first;

(c). At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours until the selected turbidity standard is attained, or until post-rain event inspections determine that BMPs are properly designed, installed and maintained;*

SEDIMENT STORAGE

(49) *The Sediment Storage Table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.*

To prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Construction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

SEDIMENT STORAGE TABLE

Outfall ID	Total Drainage Area	Disturbed Area	Required Sediment Storage Volume	Total Storage Volume Provided	Inlet Sediment Traps (5 yd^3/each)		Silt Fence (0.3 yd^3/ft)	
					# of Devices	Total Volume	Length	Total Volume
	(acres)	(acres)	(yd^3)	(yd^3)		(yd^3)	(ft)	(yd^3)
Outfall A	2.78	0.58	**186.5**	**300.0**	**18**	**90.0**	**699.9**	**210.0**
Outfall B	0.96	0.50	**64.5**	**161.3**	**15**	**75.0**	**287.7**	**86.3**
Total Sheet Flow	0.76	0.23	**50.9**	**312.7**	**0**	**0.0**	**1042.4**	**312.7**

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Engineering, Planning, And Environmental Consultants
3930 East Jones Bridge Road, Suite 350
Peachtree Corners, Georgia 30092

NOT TO SCALE

REVISION DATES

ESPCP GENERAL NOTES
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		51-0009
CORRECTED:		DATE:		
VERIFIED:		DATE:		

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

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

IMPAIRED STREAM TABLE

Outfall ID #	Outfall Location (Station and Offset)	Reach Name	Location of the Impaired Stream Segment as Indicated in the 305b/303d List	Criteria Violated (Bio F|Bio M)	Potential Cause (NP|UR)	Category (4a, 4b, or 5)	Numeric waste load allocation (WLA) for sediment*
Outfall A	STA. 108+36.27, 26.44' LT	*South Fork Peachtree Creek*	*Headwaters to Peachtree Creek, Atlanta*	*Bio F | Bio M*	*UR*	*4a*	*0.1 tons/year*
Outfall B	STA. 108+36.27, 28.42' RT	*South Fork Peachtree Creek*	*Headwaters to Peachtree Creek, Atlanta*	*Bio F | Bio M*	*UR*	*4a*	*0.1 tons/year*

The TMDL for South Fork Peachtree Creek basin was completed in December 2017. The infrastructure construction project WLA for sediment is 0.1 tons/year.

*If the TMDL Implementation Plan establishes a specific numeric waste load allocation that applies to the project discharge(s) to the Impaired Stream Segment, then the Certified Design Professional must incorporate that allocation into the ESPCP and implement all necessary measures to meet that allocation. See Appendix 1 for additional required BMP's for this project.

SOIL SERIES INFORMATION

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

MAP UNIT SYMBOL	MAP UNIT NAME	RATING	COMPONENT NAME (PERCENT)	RATING REASONS (NUMERIC VALUES)	PERCENT OF AREA
CuC	Cecil-Urban land complex, 2 to 10 percent slopes	Moderate	Cecil (65%) Urban Land (35%)	N/A	90.3%
PfC	Pacolet sandy loam, 2 to 10 percent slopes	Moderate	Pacolet (100%)	N/A	4.1%
Ud	Urban land	Moderate	Urban Land (100%)	N/A	5.6%
				Total	100.0%

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 39533 DARREN J. WILTON

7/3/2025

(##) GSWCC CHECKLIST ITEM NO. PER CHECKLIST ON 51-0001

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APPENDIX 1

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

22

23

The four items chosen must be appropriate for the site conditions.

Plan Page #	Included Y/N		
	N	a.	During construction activities, double the width of the 25-foot undisturbed vegetated buffer along all State Waters requiring a buffer and the 50-foot undisturbed vegetated buffer along all State Waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
	N	b.	Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
	N	c.	Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
51-0011	Y	d.	A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed and must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
51-0003 51-0004	Y	e.	Use tackifiers and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with **Part III. D.1.** of the current NPDES Permits.
51-0009	Y	f.	Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24-hour period, recognizing the exceptions specified in **Part IV.D.6.d.** of the current NPDES Permits.
	N	g.	Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
	N	h.	Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
	N	i.	Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
	N	j.	Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
	N	k.	Conduct soil tests representative of conditions at the time of planting to identify and to implement site-specific fertilizer needs and/or add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
	N	l.	Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
	N	m.	Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25-year, 24-hour rainfall event.
	N	n.	Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within all construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
	N	o.	Install sod for a minimum 20-foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
51-0011	Y	p.	Certified personnel shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with **Part IV.D.4.a.(3)(a)-(c)** of this permit. *
	N	q.	Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
	N	r.	Use Alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a design professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at *www.gaswcc.georgia.gov*)
	N	s.	Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any State mandated buffer areas from such calculations). All calculations must be included in the Plan.
	N	t.	Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with **Part IV.A.5** of the permit. *The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.*
	N	u.	Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual, known as the Blue Book, or an equivalent or more stringent design manual.

* This requirement is different for infrastructure projects:

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

Effective January 1, 2025

ESPCP SIGN

The large sign shall be in the format shown in Standard Specification 153. Fabricate and install the sign according to Section 636, Section 910, Section 911, Section 912, and Section 913. The cost of the sign installation, maintenance, and removal shall be included in pay item 161-1000. It shall be posted on site by the actual start of construction and remain on site until the end of construction. The project plans must be available on the provided website until a NOT has been submitted.

The sign shall be posted parallel to a road, preferably facing the driveway to the field office trailer. The location of the sign shall be such that it is visible and readable from a road. The sign must identify the following: (1) construction site, (2) permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. For "PROJECT #" enter full project id number. For "Project Engineer" and "Telephone" enter Construction Project Manager and their telephone number.

The permittee-hosted website is: https://www.tuckerga.gov/building_projects/idlewood-rd-roundabouts/#

DISTURBED AREA STABILIZATION

Disturbed areas shall be stabilized with suitable material listed in the current edition of the Department's Standard Specifications (or Special Provisions) Sections 161, 163, 700, or 711 on the basis of when construction activities are expected to resume.

ADDITIONAL SITE INSPECTIONS

Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3)(a)(c); secondary permittees, Part IV.D.4.b.(3)(a)(c); and tertiary permittees Part IV.D.4.c.(3)(a) (c) *

GEORGIA REGISTERED No. 39933 PROFESSIONAL ENGINEER DARREN J. WILTON

7/3/2025

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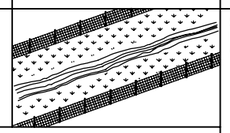
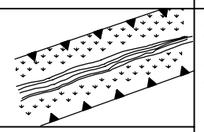
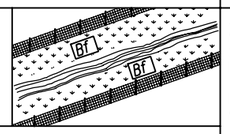
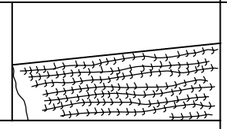
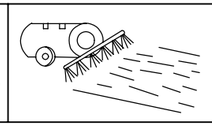
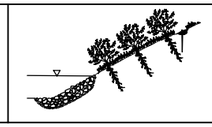
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
		LINE CODE  ORANGE BARRIER FENCE	
ESA	ENVIRONMENTALLY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

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

NOTE:

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

REVISION DATES		
3/2/2017		

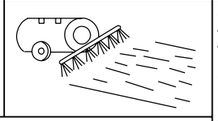
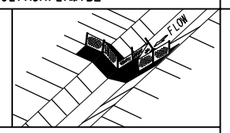
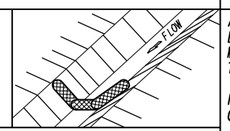
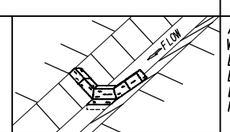
EROSION CONTROL LEGEND

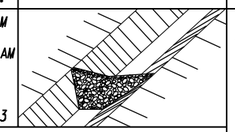
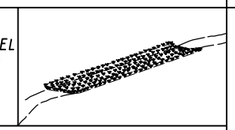
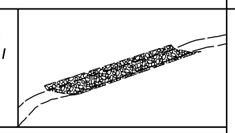
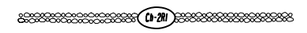
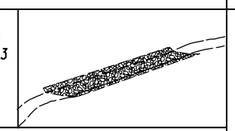
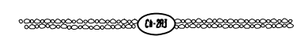
UNIFORM CODE SHEET

SHEET 1 OF 7

NO SCALE

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

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

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM CONSTRUCTION DETAIL D-56 SECTION 163, 603	 SYMBOL Cd-S	STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE. SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Ch-1	VEGETATED CHANNEL STABILIZATION SECTION 700	 LINE CODE 	A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

NOTE:

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

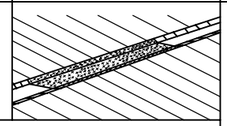
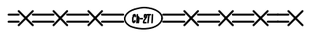
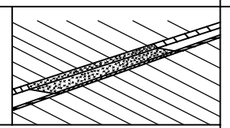
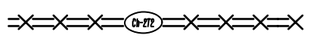
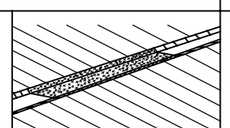
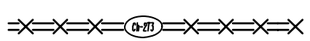
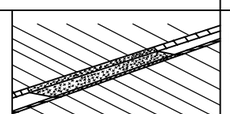
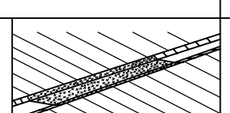
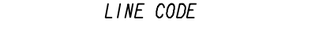
NO SCALE

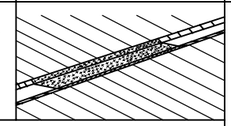
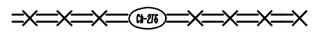
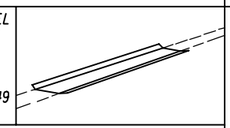
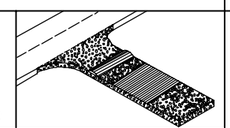
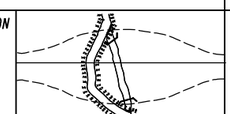
REVISION DATES		
3/2/2017		
11/28/2018		

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 2 OF 7

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

7/31/2015 GPLN

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

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

NOTE:

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

NO SCALE

REVISION DATES		
3/2/2017		

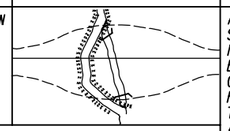
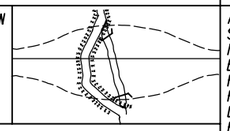
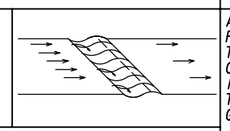
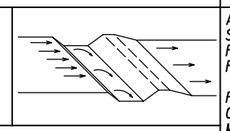
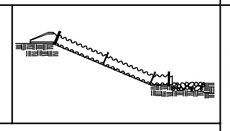
EROSION CONTROL LEGEND

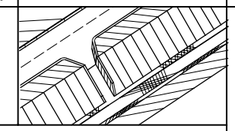
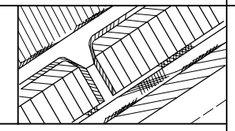
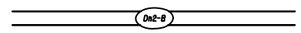
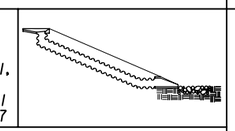
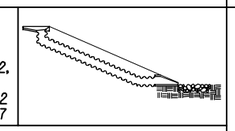
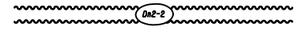
UNIFORM CODE SHEET

SHEET 3 OF 7

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

DRAWING No. 52-0003

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

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

NOTE:

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

GDOT

NO SCALE

REVISION DATES
3/2/2017

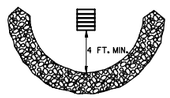
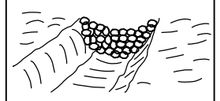
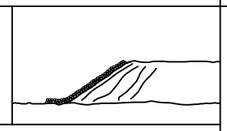
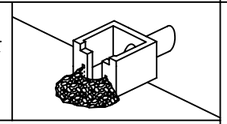
EROSION CONTROL LEGEND

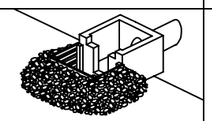
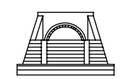
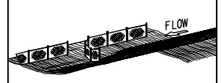
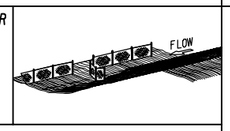
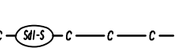
UNIFORM CODE SHEET

SHEET 4 OF 7

CHECKED:	D. EAGLETON	DATE:	01/01/16	DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		52-0004
VERIFIED:		DATE:		

7/31/2015 GPLN

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

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

NOTE:

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

GDOT

NO SCALE

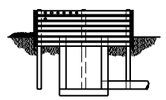
REVISION DATES		
3/2/2017		

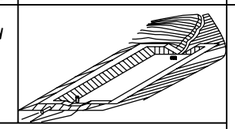
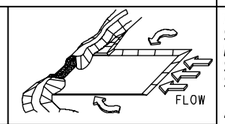
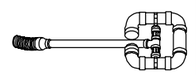
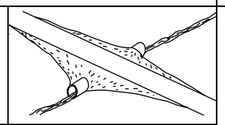
EROSION CONTROL LEGEND

UNIFORM CODE SHEET

SHEET 5 OF 7

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

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

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

NOTE:

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

GDOT

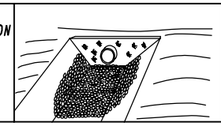
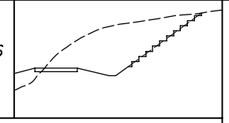
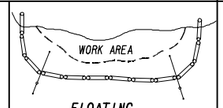
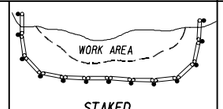
NO SCALE

REVISION DATES
3/2/2017
11/28/2018

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 6 OF 7

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

DRAWING No. 52-0006

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

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

NOTE:

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

7/31/2015 GPLN

GDOT

NO SCALE

REVISION DATES
3/2/2017

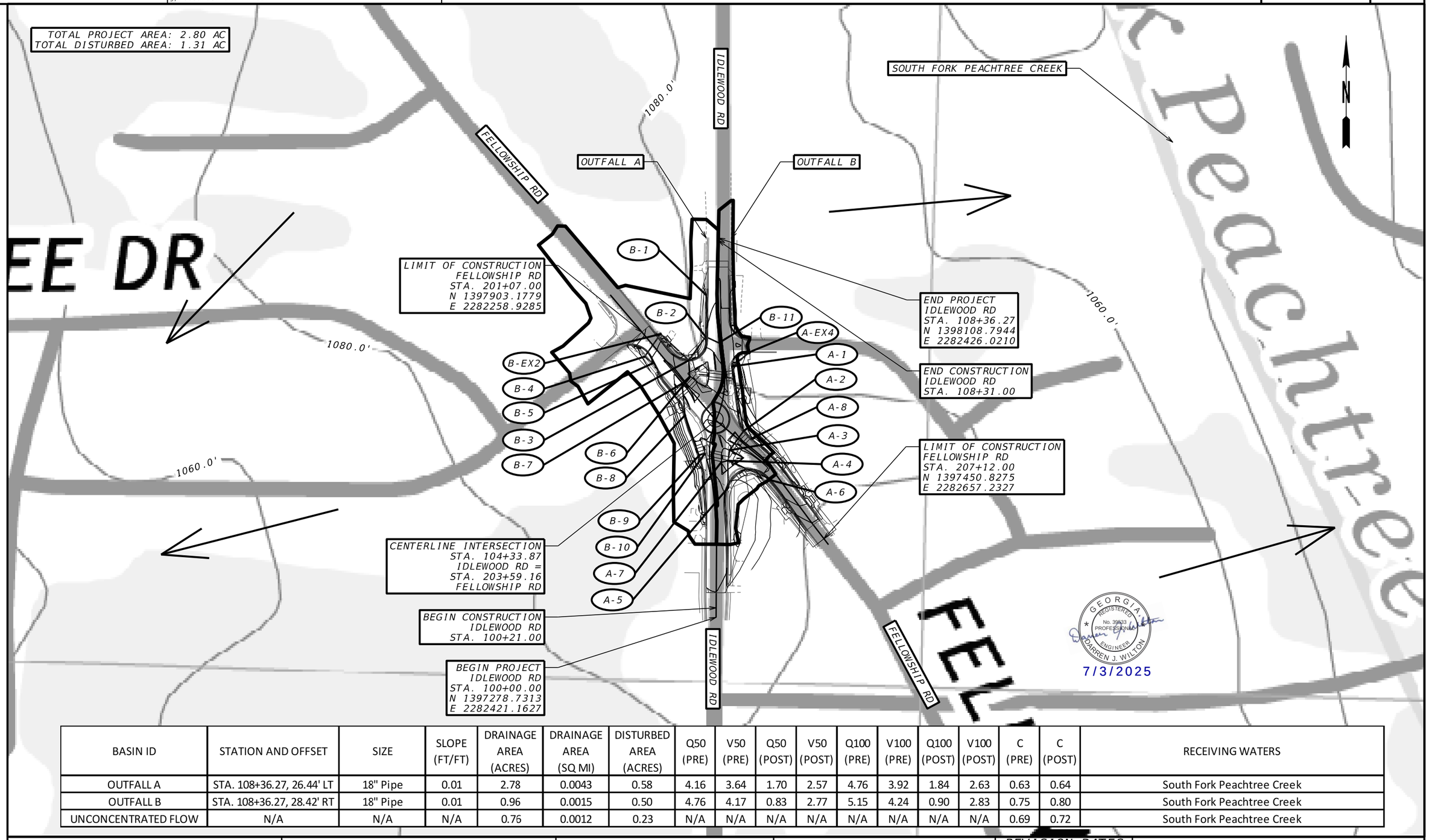
EROSION CONTROL LEGEND

UNIFORM CODE SHEET

SHEET 7 OF 7

CHECKED:	D. EAGLETON	DATE:	01/01/16	DRAWING No.
BACKCHECKED:		DATE:		52-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

TOTAL PROJECT AREA: 2.80 AC
TOTAL DISTURBED AREA: 1.31 AC



BASIN ID	STATION AND OFFSET	SIZE	SLOPE (FT/FT)	DRAINAGE AREA (ACRES)	DRAINAGE AREA (SQ MI)	DISTURBED AREA (ACRES)	Q50 (PRE)	V50 (PRE)	Q50 (POST)	V50 (POST)	Q100 (PRE)	V100 (PRE)	Q100 (POST)	V100 (POST)	C (PRE)	C (POST)	RECEIVING WATERS
OUTFALL A	STA. 108+36.27, 26.44' LT	18" Pipe	0.01	2.78	0.0043	0.58	4.16	3.64	1.70	2.57	4.76	3.92	1.84	2.63	0.63	0.64	South Fork Peachtree Creek
OUTFALL B	STA. 108+36.27, 28.42' RT	18" Pipe	0.01	0.96	0.0015	0.50	4.76	4.17	0.83	2.77	5.15	4.24	0.90	2.83	0.75	0.80	South Fork Peachtree Creek
UNCONCENTRATED FLOW	N/A	N/A	N/A	0.76	0.0012	0.23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	0.72	South Fork Peachtree Creek

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SCALE IN FEET
0 100 200 400

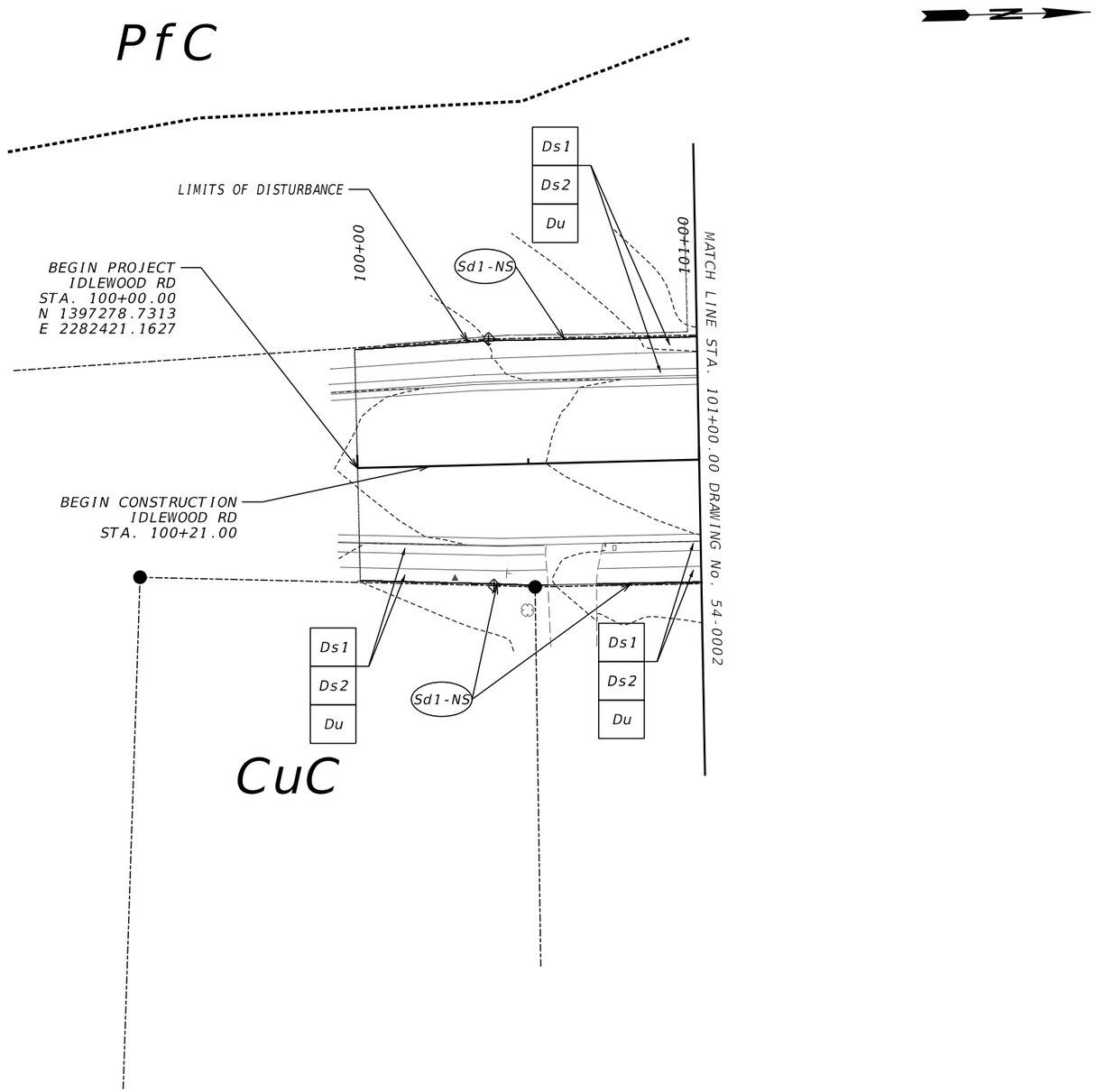
REVISION DATES

ESPCP DRAINAGE AREA MAP
IDLEWOOD RD AT FELLOWSHIP RD

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

DRAWING No.
53-0001

GPLN-CE
11/05/2020



GEORGIA
REGISTERED
No. 39523
PROFESSIONAL
ENGINEER
DARREN J. WILTON

7/3/2025

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

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

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SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INITIAL PHASE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

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CENTERLINE INTERSECTION
STA. 104+33.87 IDLEWOOD RD =
STA. 203+59.16 FELLOWSHIP RD

MATCH LINE STA. 101+00.00 DRAWING No. 54-0001

MATCH LINE STA. 201+50.00 DRAWING No. 54-0004

MATCH LINE STA. 106+50.00 DRAWING No. 54-0003

MATCH LINE STA. 205+50.00 DRAWING No. 54-0005

101+00 102+00 103+00 104+00 105+00 201+00 202+00 203+00 204+00 205+00

Ds1 Ds2 Du

Sd1-NS Sd2-F Co

REMOVE AND FILL WITH FLOWABLE FLOW

LARGE ES&PC SIGN

CONCRETE WASHOUT AREA

ASPHALT

1090.0 1085.0

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON

7/3/2025

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

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

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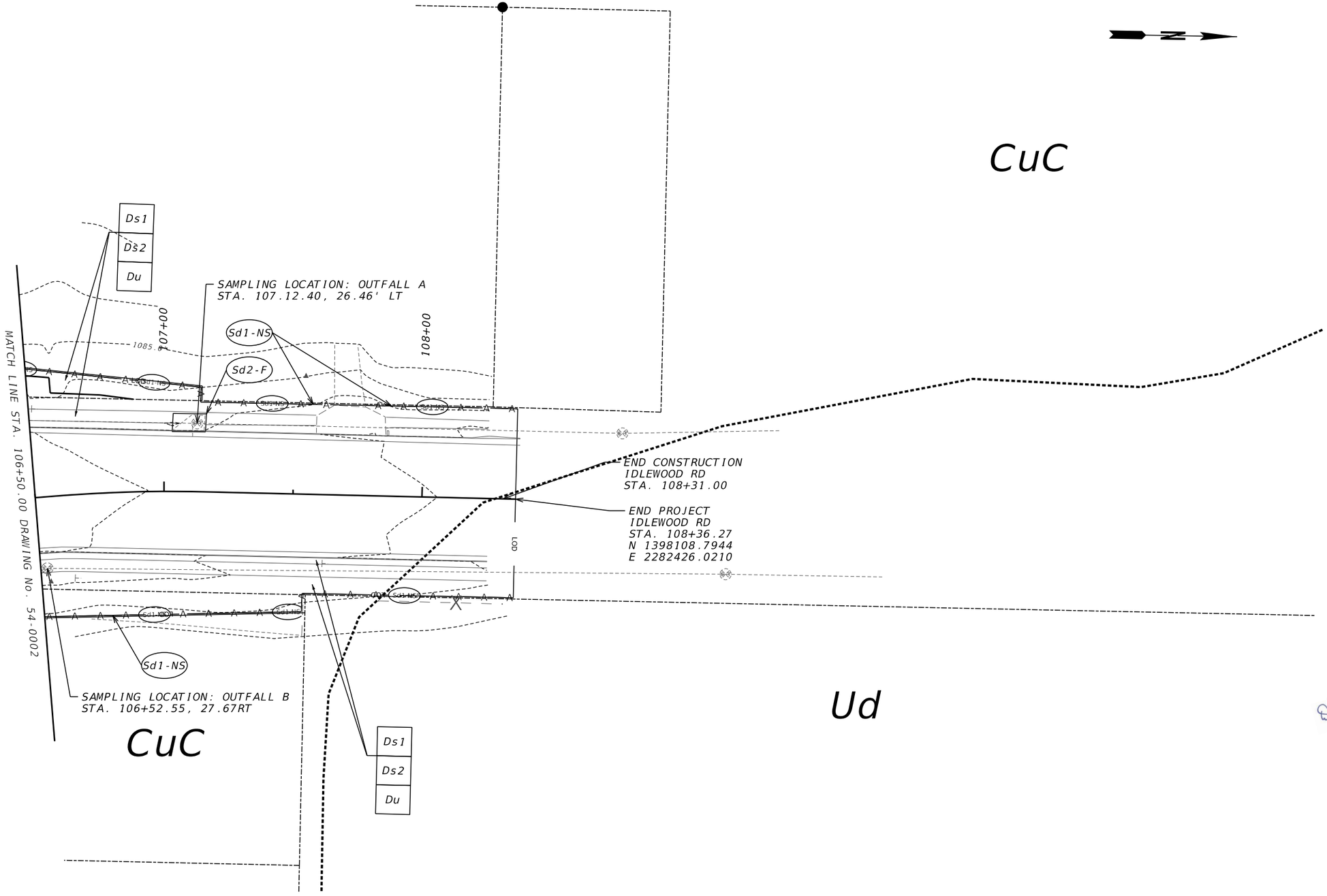
SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INITIAL PHASE

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020



GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

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

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END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

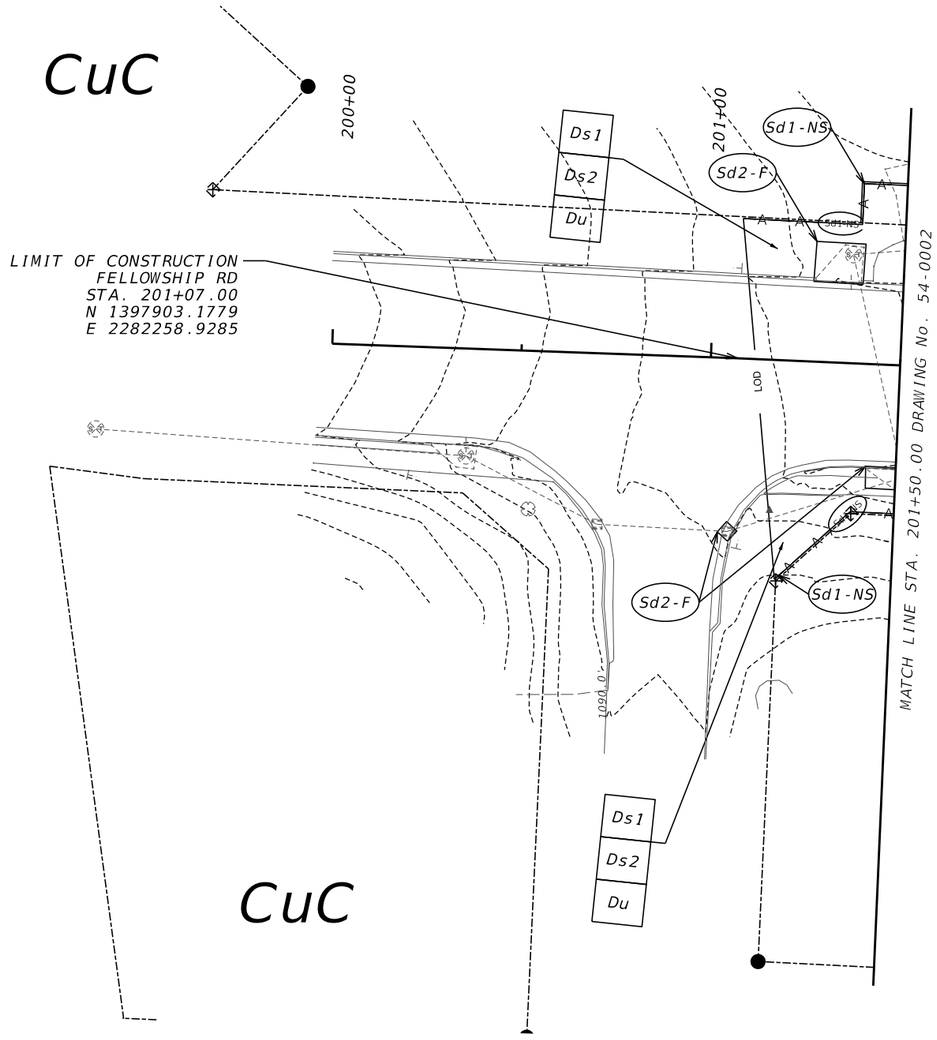
REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INITIAL PHASE

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

DRAWING No.
54-0003

GPLN-CE
11/05/2020



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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INITIAL PHASE

CHECKED:		DATE:		DRAWING No.
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CORRECTED:		DATE:		
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GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

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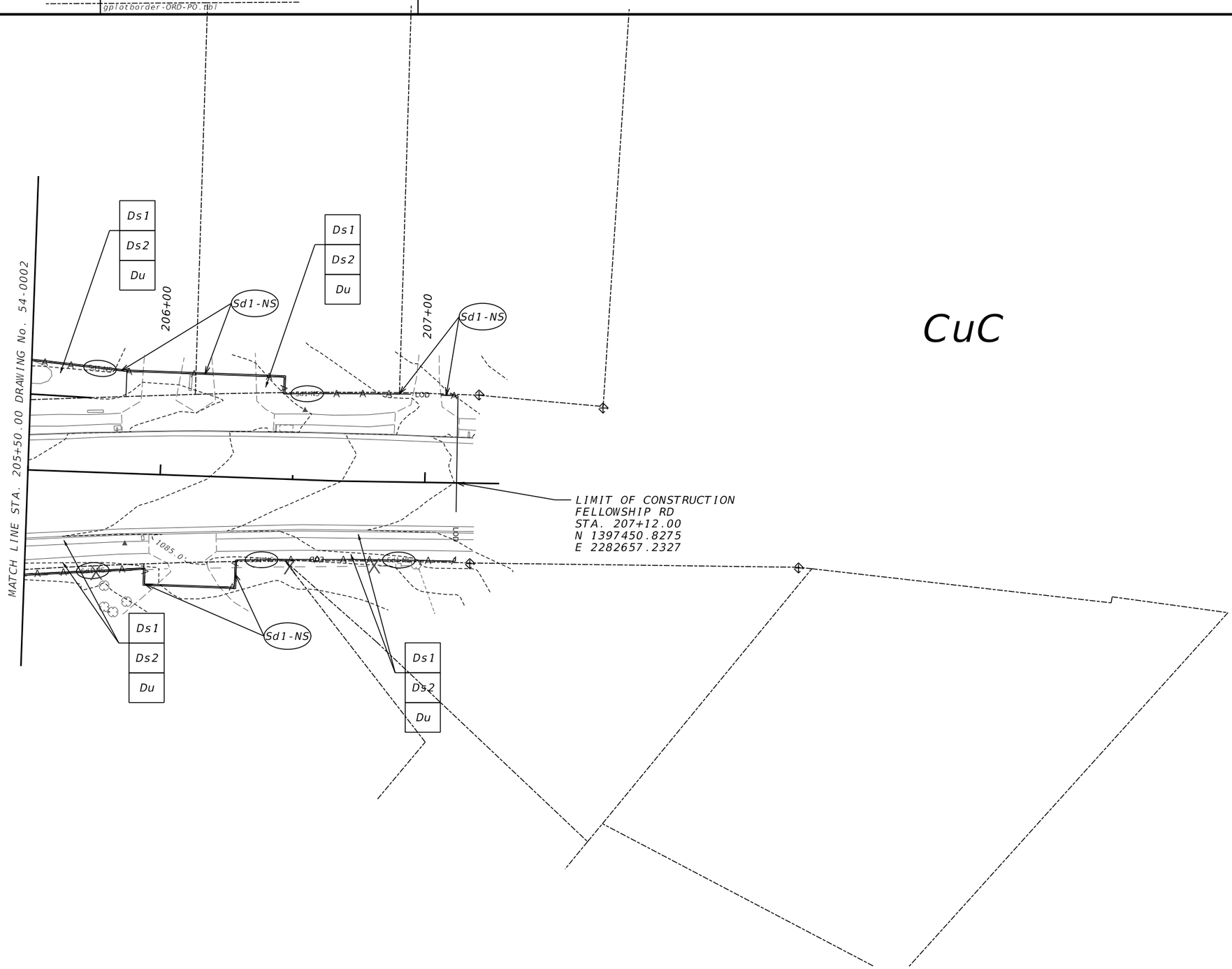
11/05/2020



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GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON

7/3/2025

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

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END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INITIAL PHASE

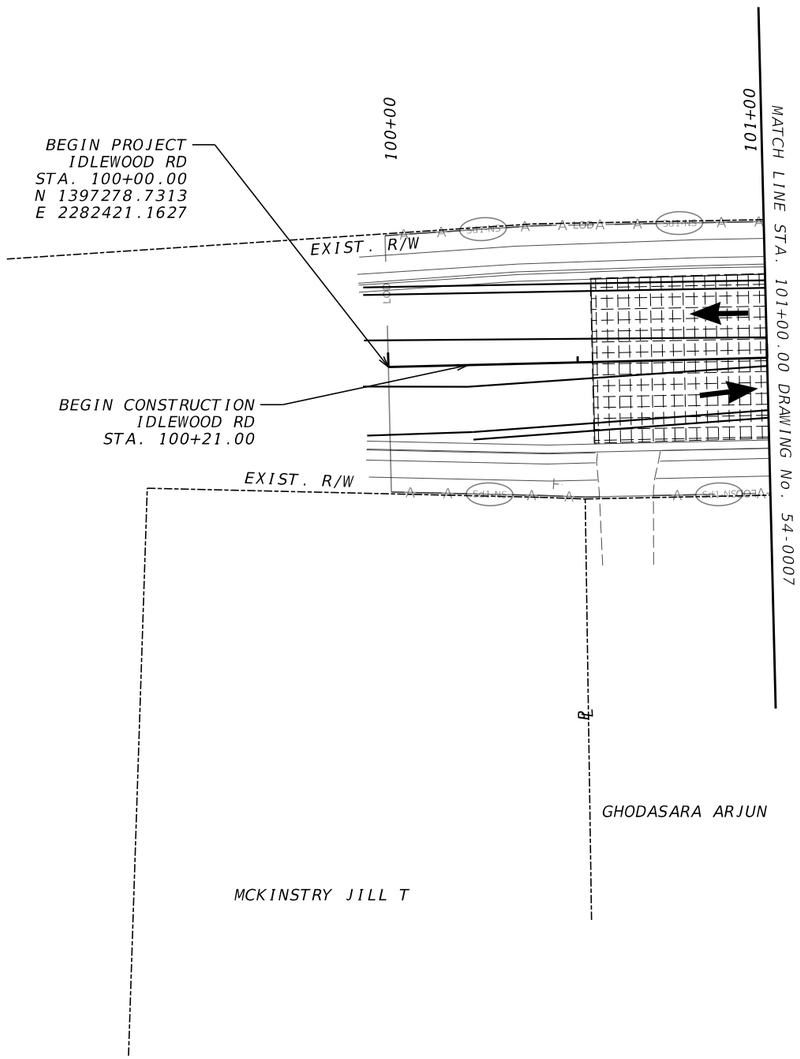
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54-0005

GPLN-CE
11/05/2020

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

NO ADDITIONAL BMPS THIS SHEET THIS PHASE



GEORGIA
REGISTERED
No. 39533
PROFESSIONAL
ENGINEER
DARREN J. WILTON
7/3/2025

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

BEGIN LIMIT OF ACCESS.....BLA
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EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 1

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-0006
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020

THOMAS WILLIAM PAUL DR

2 MONDS MAIE EDNA

3 QUINN CONSTRUCTION INVESTMENTS LLC

8 SEWELL LYNN C

THOMAS BETTY W 7

SAW LANCELOT

CENTERLINE INTERSECTION
STA. 104+33.87 IDLEWOOD RD =
STA. 203+59.16 FELLOWSHIP RD

Ds1 Ds2 Du

Sd2-F

EXIST. R/W

REQ'D R/W

103+00 104+00 105+00 106+00 202+00 203+00 204+00 205+00

MATCH LINE STA. 201+50.00 DRAWING No. 54-0009

MATCH LINE STA. 101+00.00 DRAWING No. 54-0006

MATCH LINE STA. 106+50.00 DRAWING No. 54-0008

MATCH LINE STA 205+50.00 DRAWING No. 54-0010

5 MEJIA LUIS

GHODASARA ARJUN

1 PATEL BAKULESH

9 MOTES ERNEST P

6 STARR LAURENCE M
BOWERS TACI A

11 DHUYVETTERS BRENT EDWARD

MEDEL FRANCISICO 10

4 JACKSON SUE S

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
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SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS IDLEWOOD RD AT FELLOWSHIP RD INTERMEDIATE PHASE - STAGE 1

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-0007
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VERIFIED:		DATE:		

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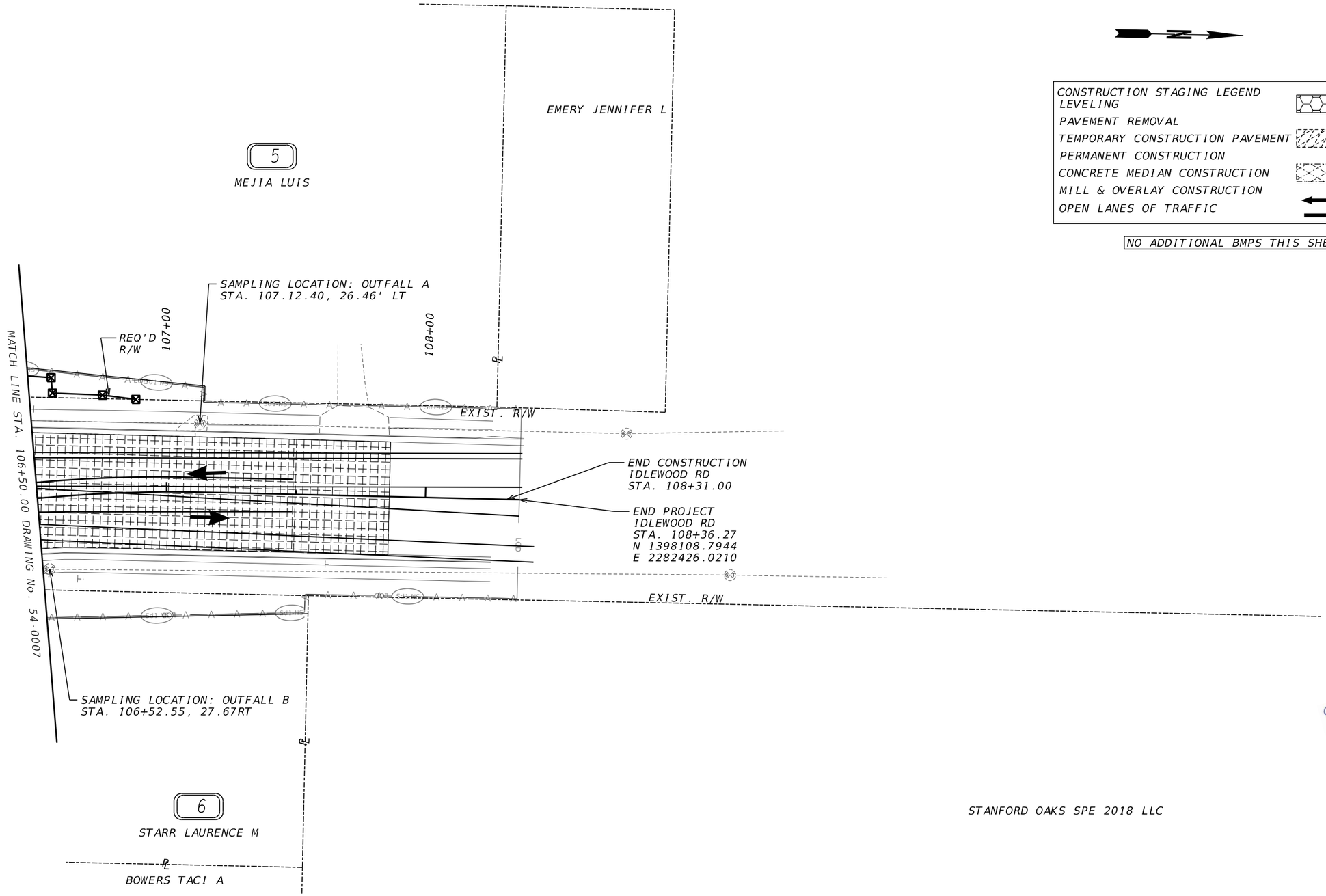
11/05/2020



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CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC

NO ADDITIONAL BMPS THIS SHEET THIS PHASE

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
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BEGIN LIMIT OF ACCESS.....BLA
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EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
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SCALE IN FEET
0 20 40 80

REVISION DATES

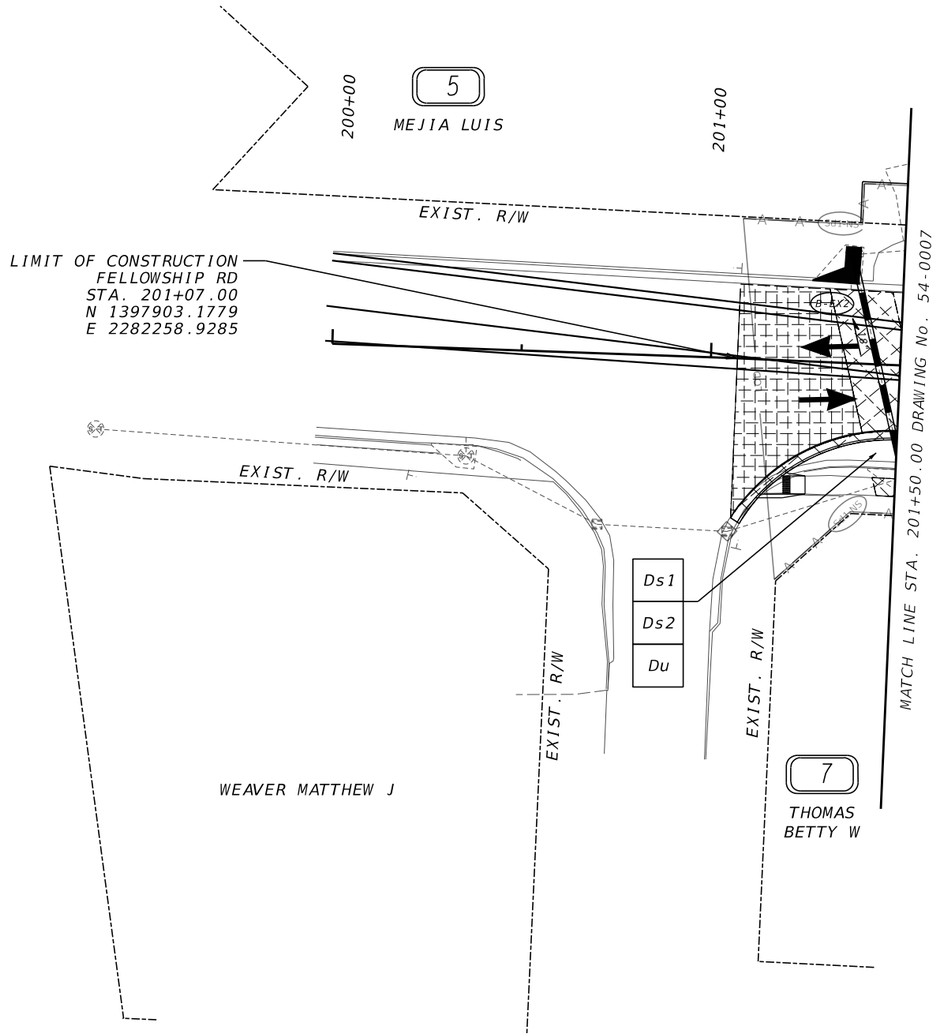
BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 1

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

DRAWING No. 54-0008

GPLN-CE 11/05/2020

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC



GEORGIA
REGISTERED
No. 39533
PROFESSIONAL
ENGINEER
DARREN J. WILTON
7/3/2025

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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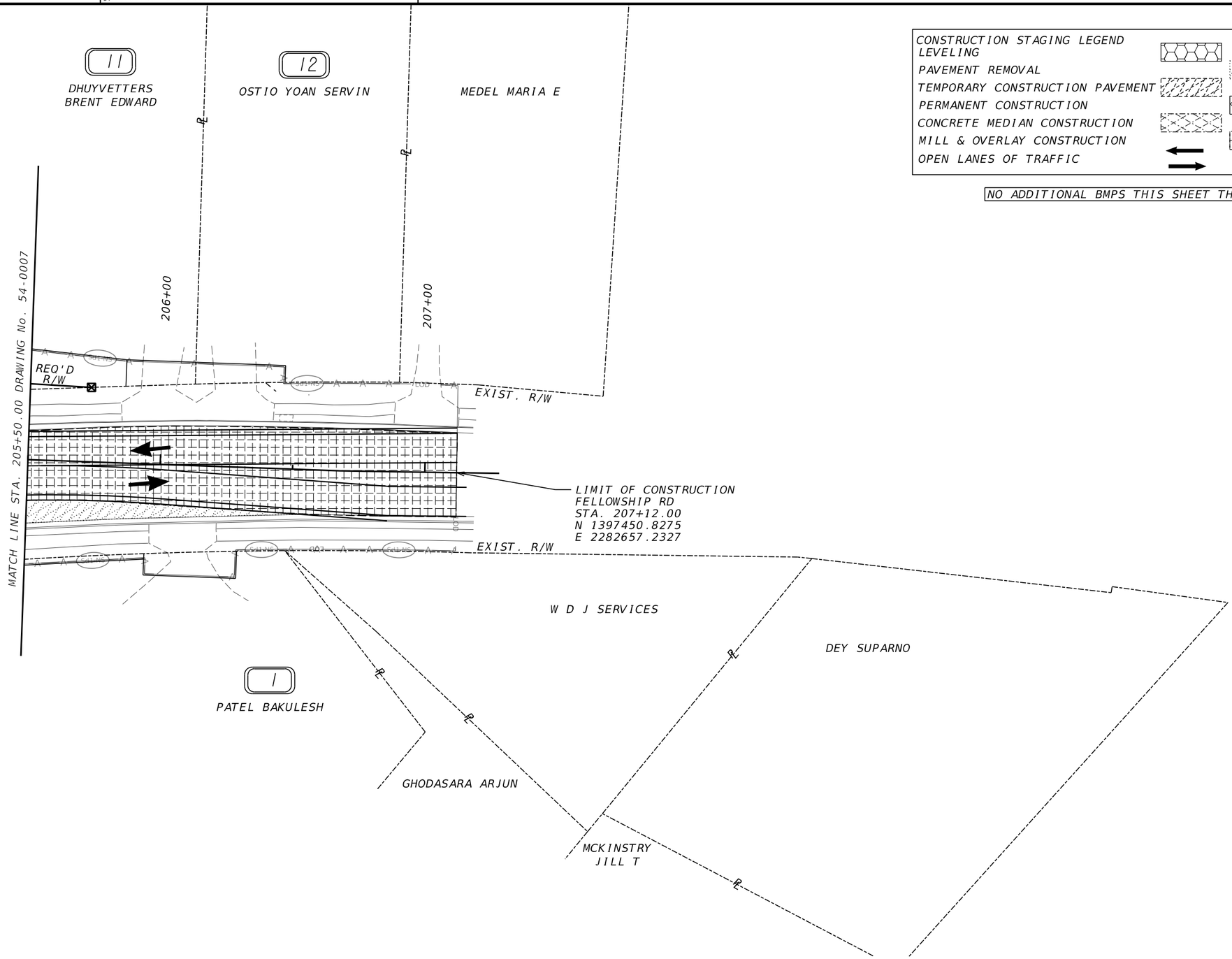
SCALE IN FEET
0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 1

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-0009
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE
11/05/2020



CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
- PERMANENT CONSTRUCTION
- CONCRETE MEDIAN CONSTRUCTION
- MILL & OVERLAY CONSTRUCTION
- OPEN LANES OF TRAFFIC

NO ADDITIONAL BMPS THIS SHEET THIS PHASE

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON

7/3/2025

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

BEGIN LIMIT OF ACCESS.....BLA
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EXISTING LIMIT OF ACCESS
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REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
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Peachtree Corners, Georgia 30092

SCALE IN FEET
0 20 40 80

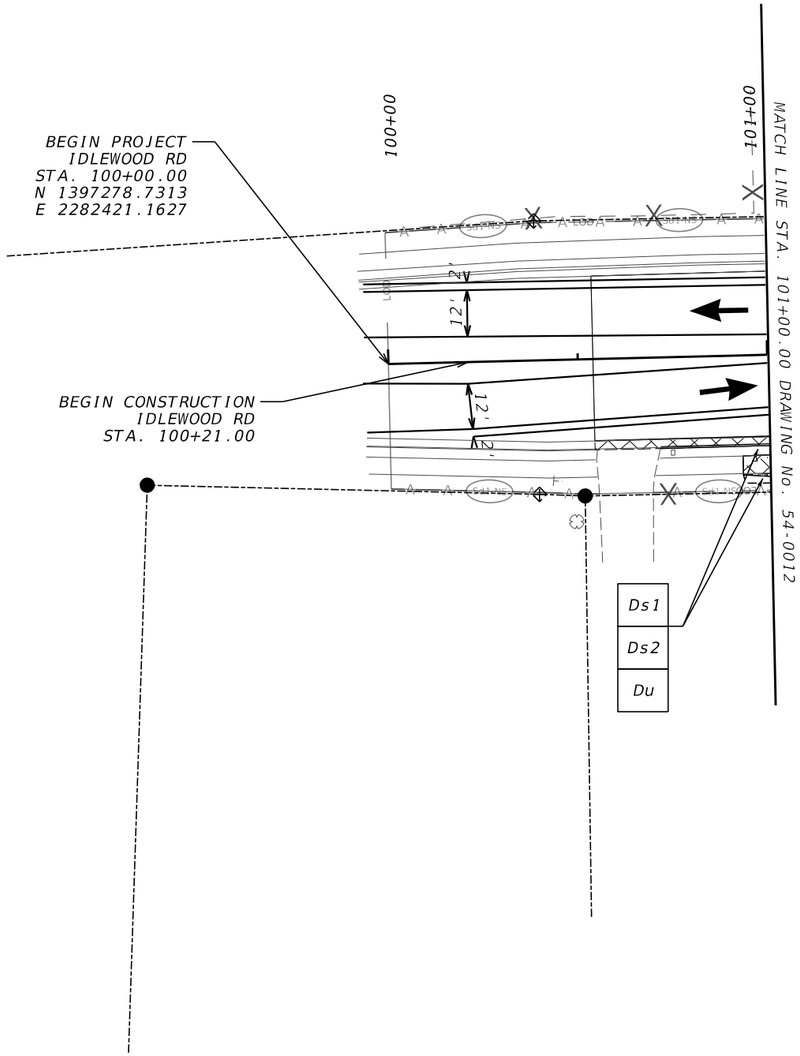
REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 1

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54-0010
CORRECTED:		DATE:		
VERIFIED:		DATE:		

GPLN-CE 11/05/2020

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
PERMANENT CONSTRUCTION
CONCRETE MEDIAN CONSTRUCTION
MILL & OVERLAY CONSTRUCTION
OPEN LANES OF TRAFFIC



GEORGIA
REGISTERED
No. 39533
PROFESSIONAL
ENGINEER
DARREN J. WILTON
7/3/2025

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

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
EXISTING LIMIT OF ACCESS
REQ'D LIMIT OF ACCESS
EXISTING LIMIT OF ACCESS & R/W
REQ'D LIMIT OF ACCESS & R/W
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA

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Engineering, Planning, and Environmental Consultants
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0 20 40 80

REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 2

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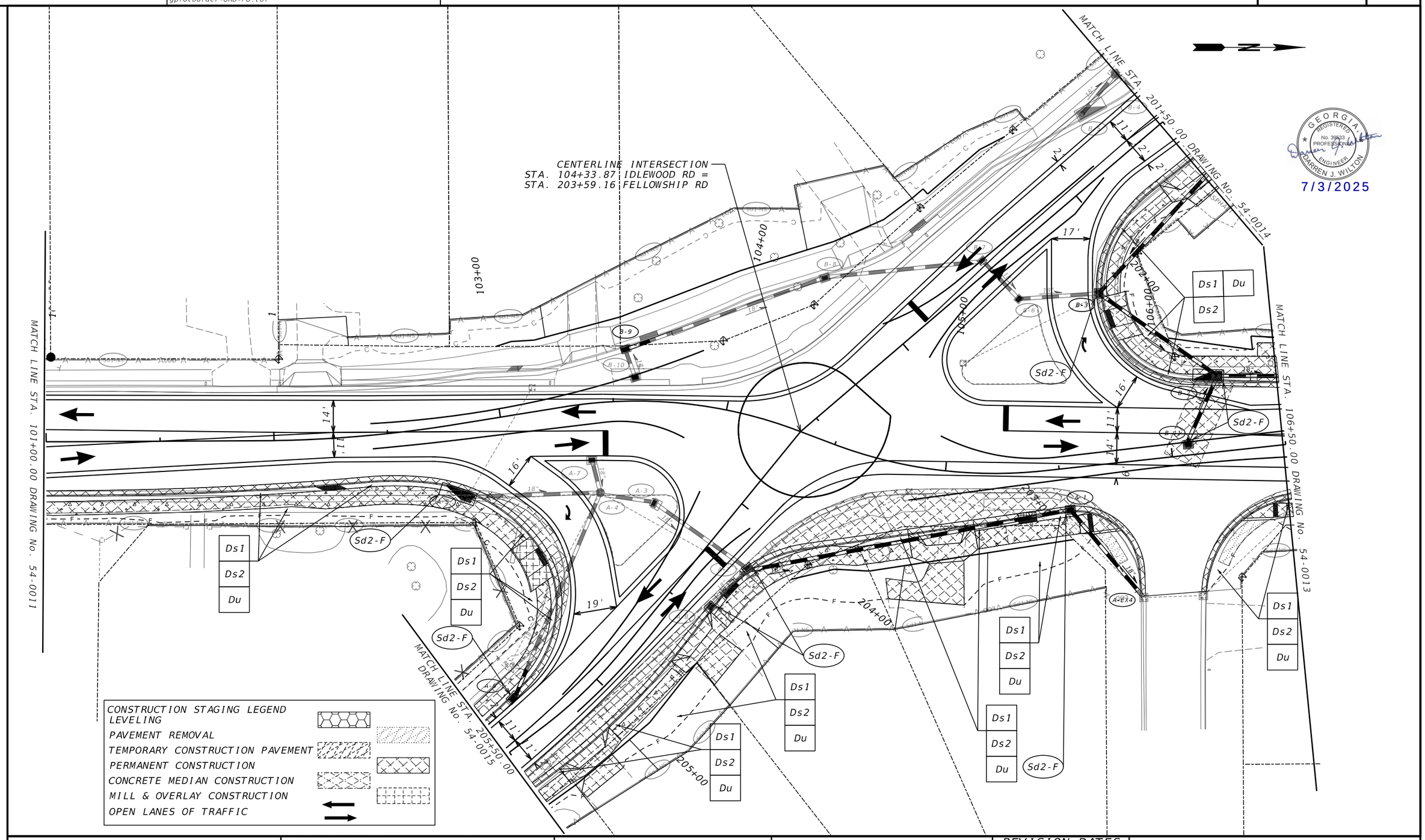
11/05/2020



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DARREN J. WILTON
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REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 2

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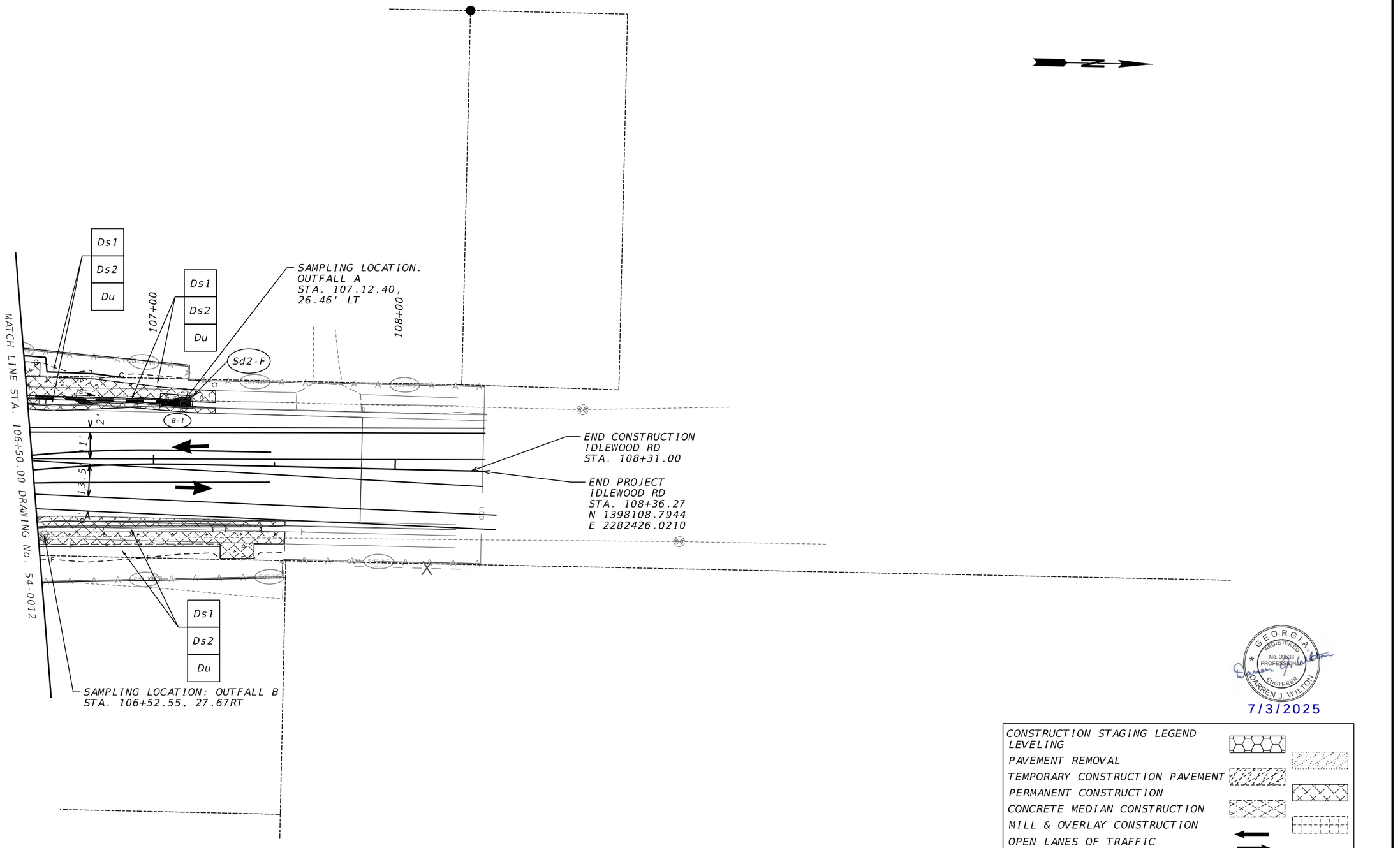
11/05/2020



GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J WILTON

7/3/2025

CONSTRUCTION STAGING LEGEND
LEVELING
PAVEMENT REMOVAL
TEMPORARY CONSTRUCTION PAVEMENT
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OPEN LANES OF TRAFFIC

PROPERTY AND EXISTING R/W LINE
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REVISION DATES

BMP LOCATION DETAILS IDLEWOOD RD AT FELLOWSHIP RD INTERMEDIATE PHASE - STAGE 2

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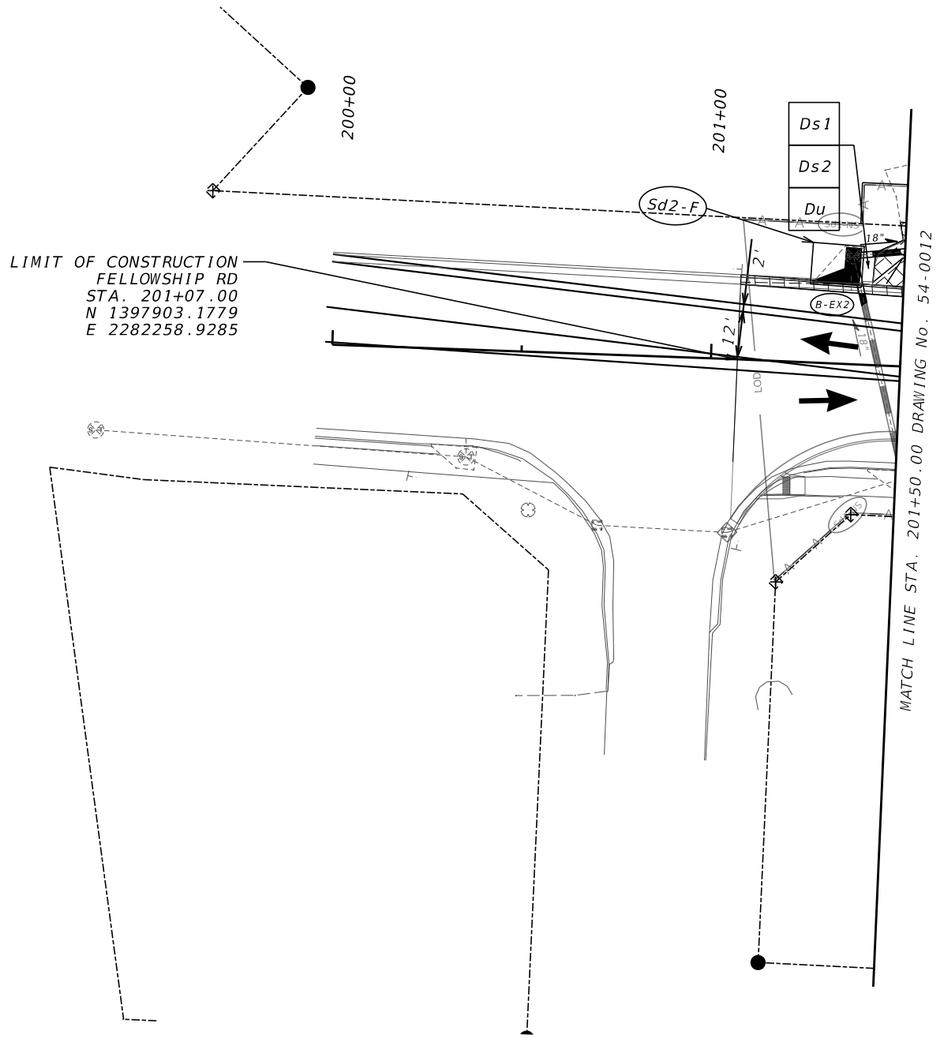
GPLN-CE 11/05/2020



CONSTRUCTION STAGING LEGEND
- LEVELING
- PAVEMENT REMOVAL
- TEMPORARY CONSTRUCTION PAVEMENT
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- MILL & OVERLAY CONSTRUCTION
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- PROPERTY AND EXISTING R/W LINE
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0 20 40 80

REVISION DATES

GEORGIA REGISTERED No. 39523 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
INTERMEDIATE PHASE - STAGE 2

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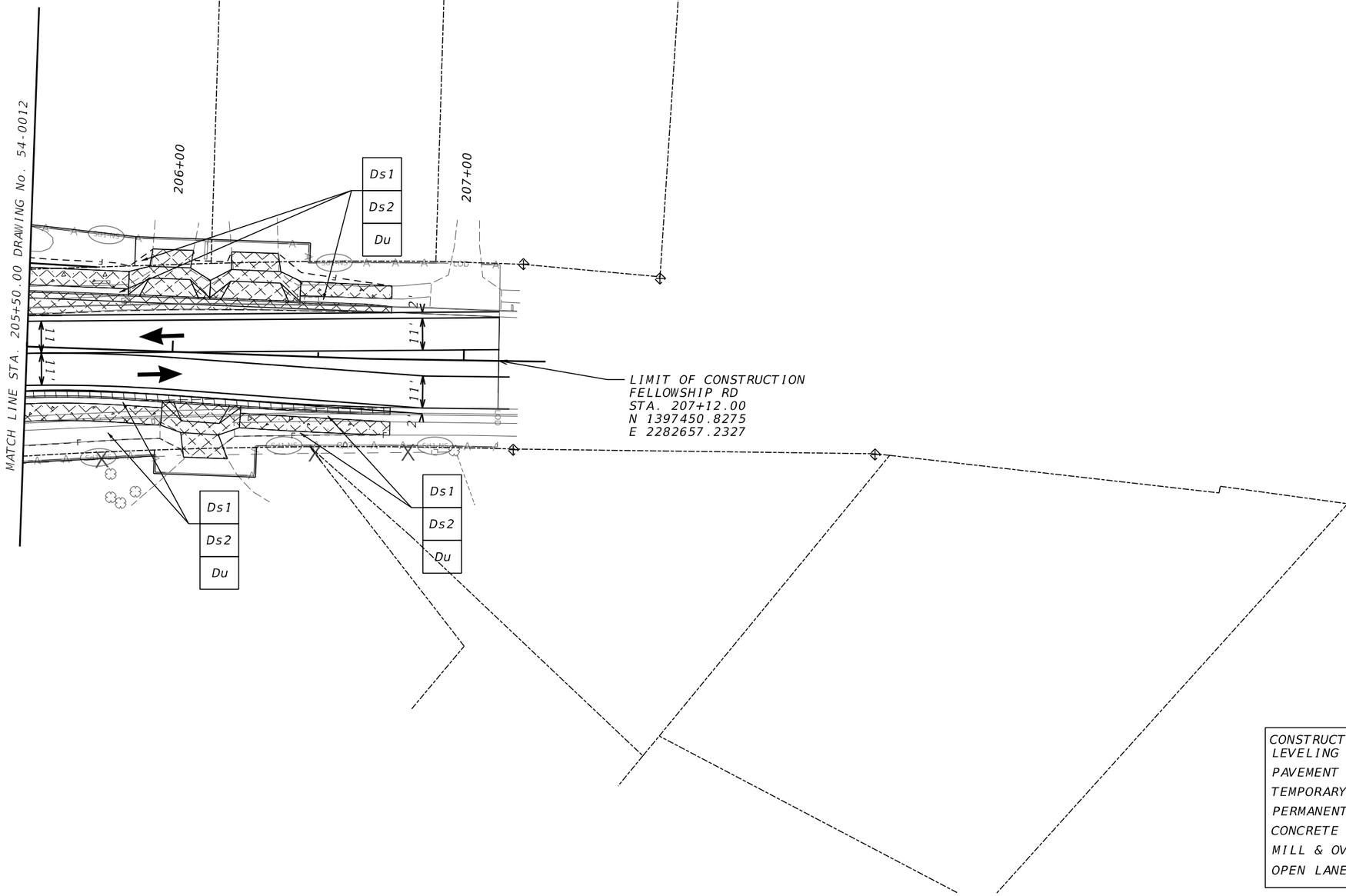
BACKCHECKED:		DATE:	54-0014
CORRECTED:		DATE:	
VERIFIED:		DATE:	

GPLN-CE
11/05/2020



GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J WILTON

7/3/2025

CONSTRUCTION STAGING LEGEND
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REVISION DATES

BMP LOCATION DETAILS IDLEWOOD RD AT FELLOWSHIP RD INTERMEDIATE PHASE - STAGE 2

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GPLN-CE
11/05/2020

CONSTRUCTION STAGING LEGEND
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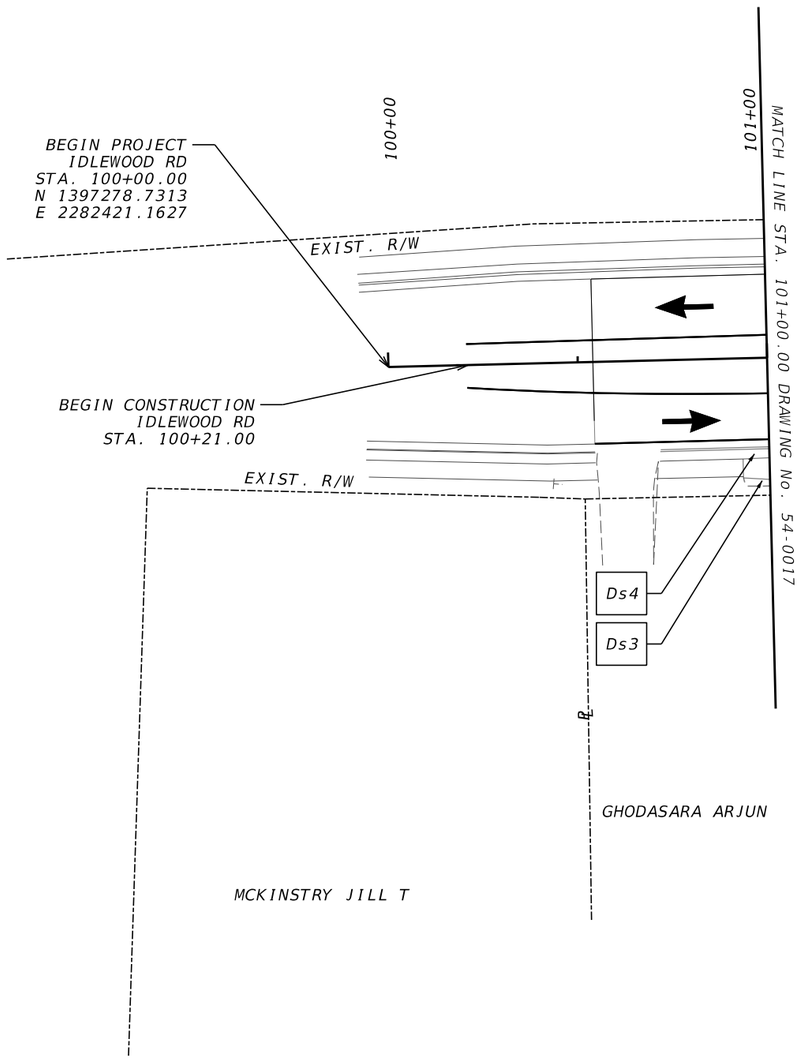
OPEN LANES OF TRAFFIC



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PROPERTY AND EXISTING R/W LINE
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REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
FINAL PHASE - STAGE 3

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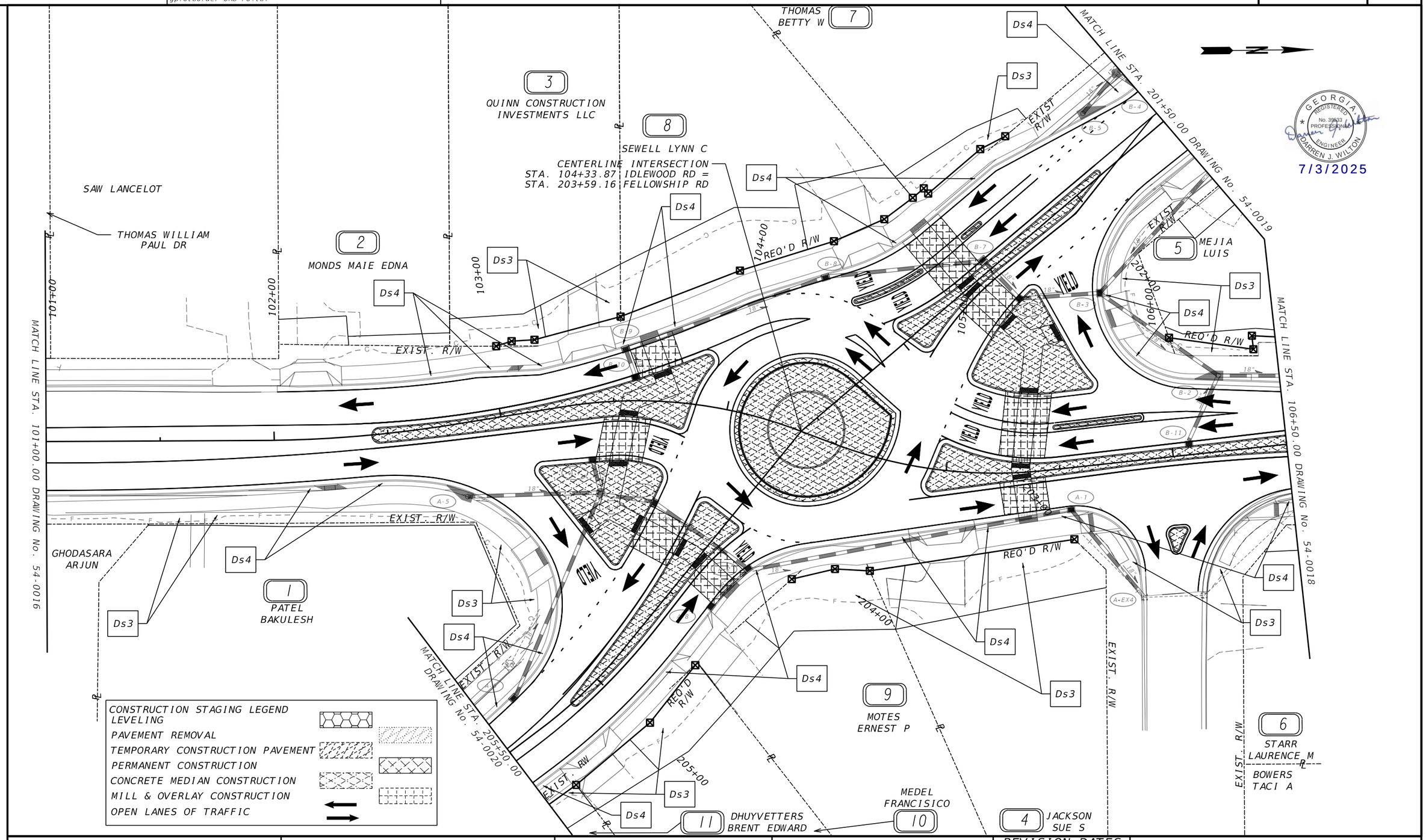

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

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REVISION DATES

BMP LOCATION DETAILS IDLEWOOD RD AT FELLOWSHIP RD FINAL PHASE - STAGE 3

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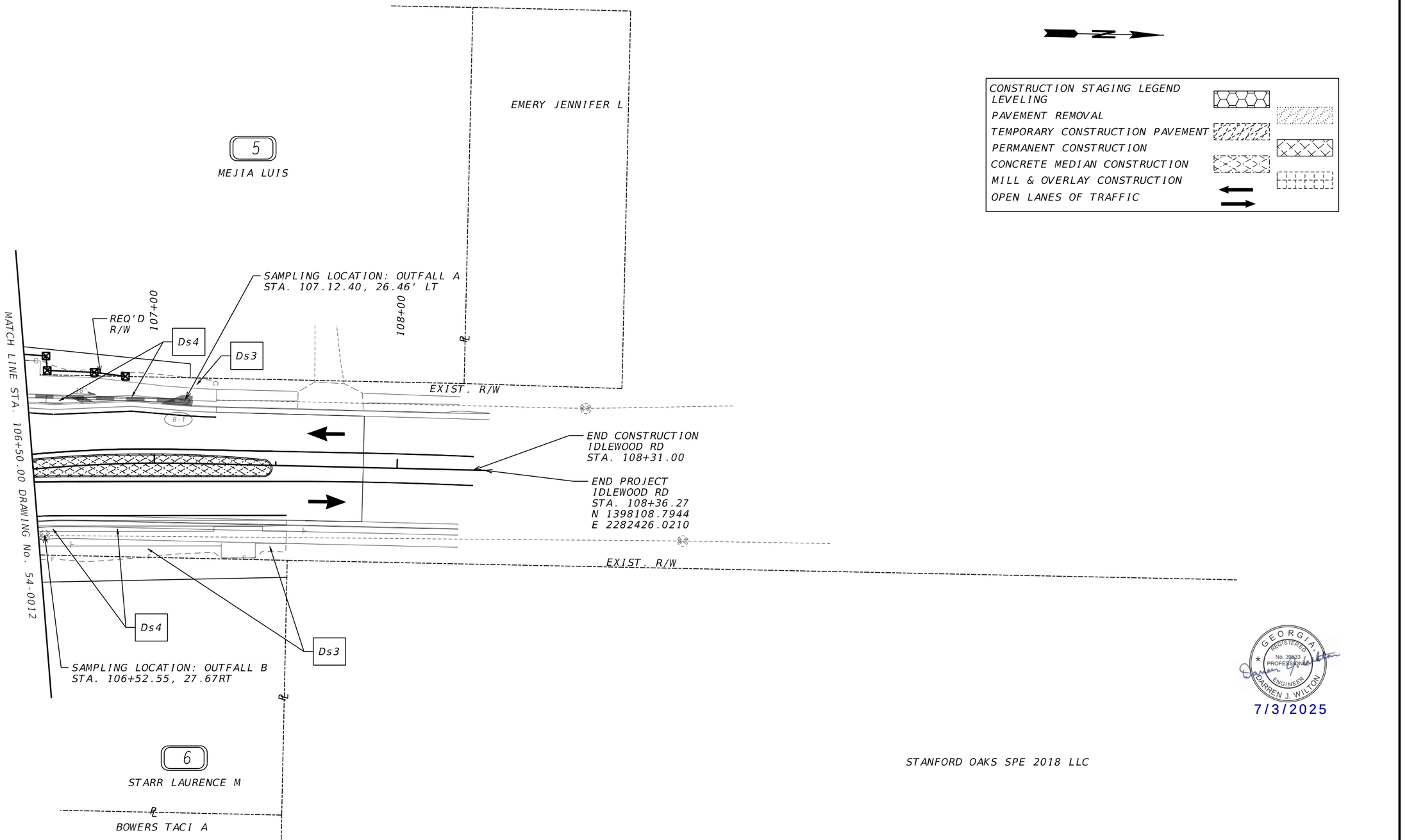
GPLN-CE
11/05/2020



CONSTRUCTION STAGING LEGEND
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GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

STANFORD OAKS SPE 2018 LLC

PROPERTY AND EXISTING R/W LINE
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SCALE IN FEET
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REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
FINAL PHASE - STAGE 3

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DRAWING No.
54-0018

GPLN-CE 11/05/2020

CONSTRUCTION STAGING LEGEND
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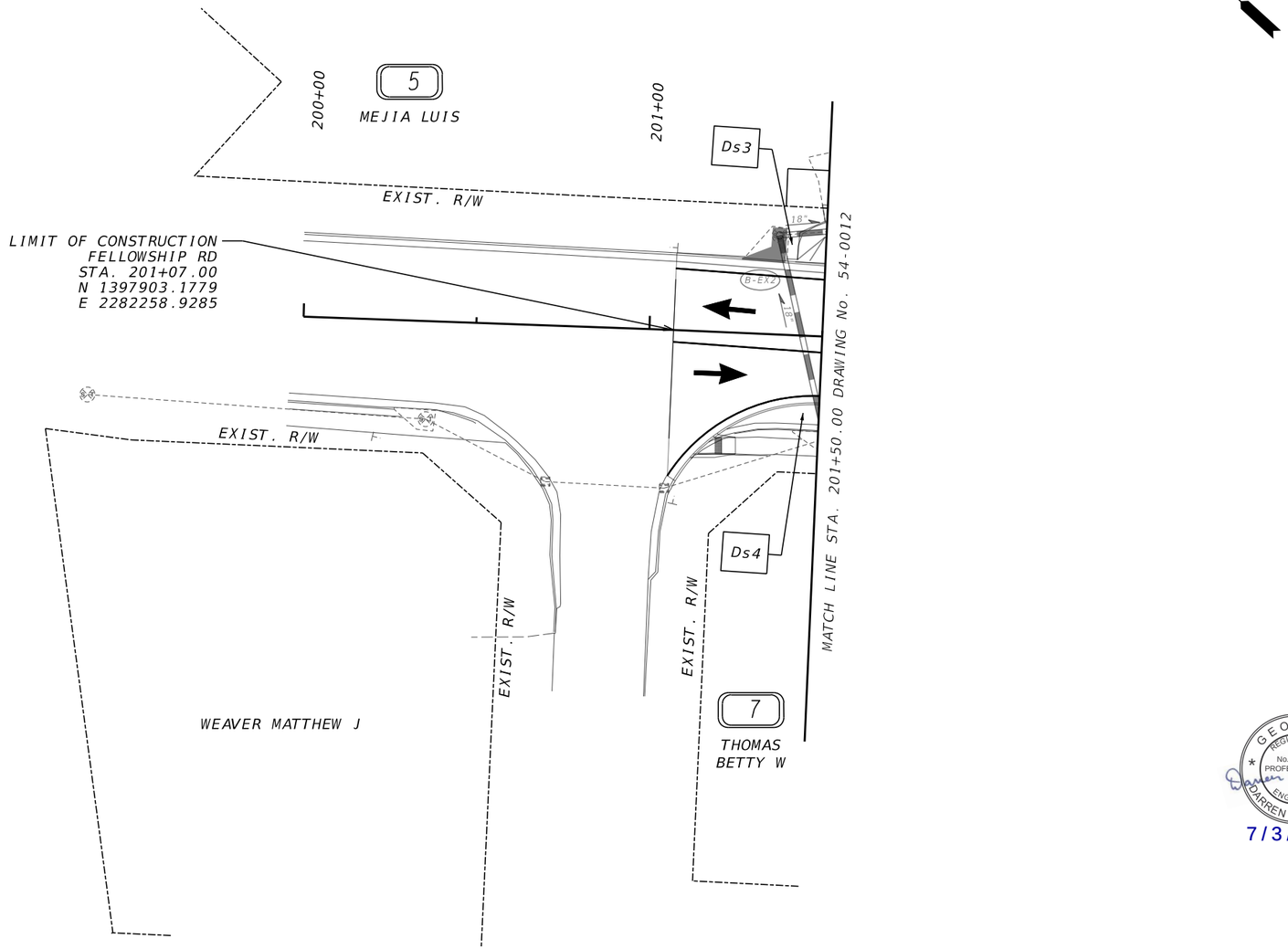

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

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REVISION DATES

BMP LOCATION DETAILS
IDLEWOOD RD AT FELLOWSHIP RD
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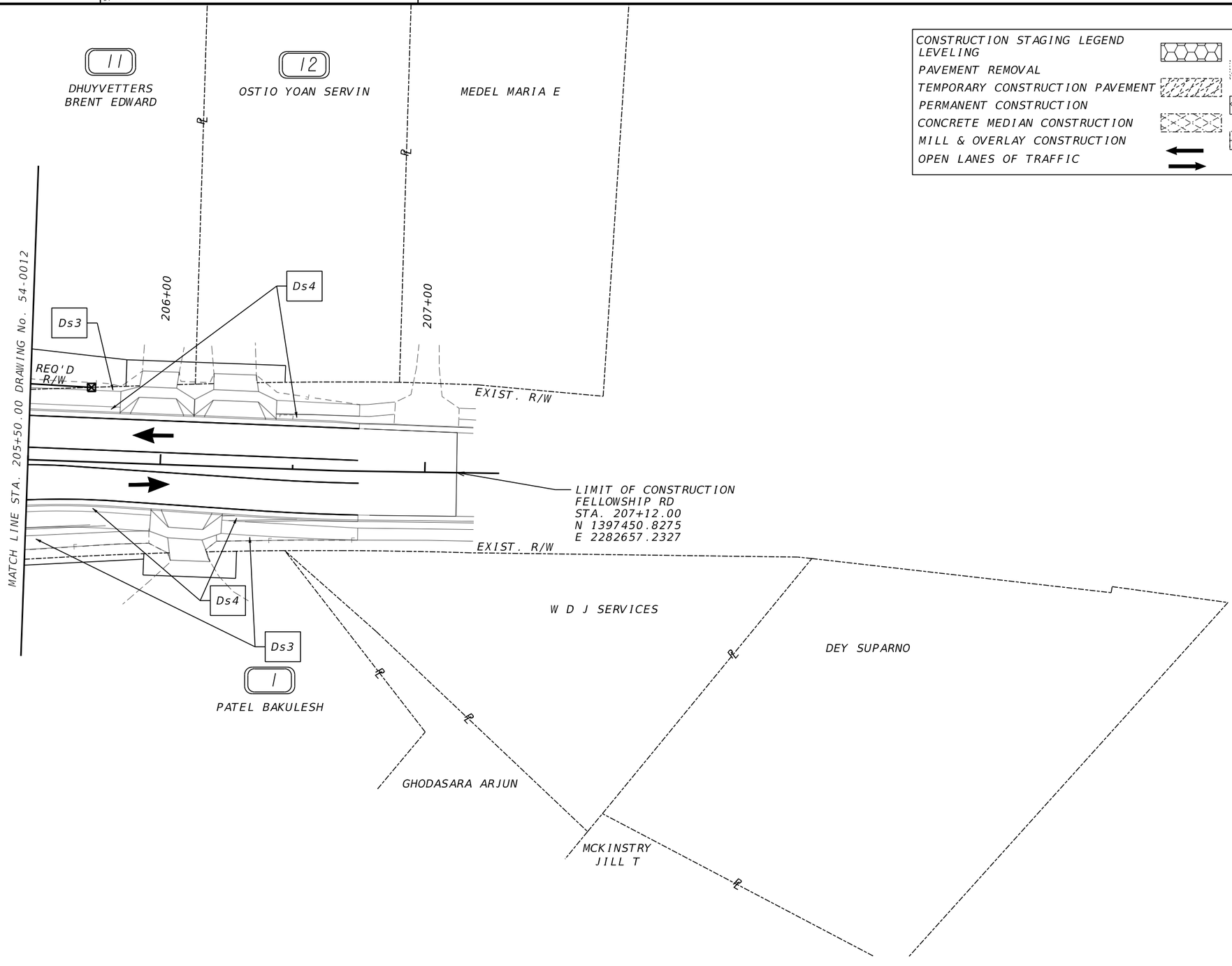

CONSTRUCTION STAGING LEGEND
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GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
7/3/2025

GPLN-CE 11/05/2020

TOTAL PROJECT AREA: 2.80 AC
TOTAL DISTURBED AREA: 1.31 AC

DRAINAGE AREA OF UNNAMED TRIBUTARY TO SOUTH FORK PEACHTREE CREEK = 0.92 SQ MI

END PROJECT
IDLEWOOD RD
STA. 108+36.27
N 1398108.7944
E 2282426.0210

END CONSTRUCTION
IDLEWOOD RD
STA. 108+31.00

Sampling Location: Outfall B
STA. 106+52.55, 27.67' RT

LIMIT OF CONSTRUCTION
FELLOWSHIP RD
STA. 207+12.00
N 1397450.8275
E 2282657.2327

Sampling Location: Outfall A
STA. 107+12.40, 26.46' LT

LIMIT OF CONSTRUCTION
FELLOWSHIP RD
STA. 201+07.00
N 1397903.1779
E 2282258.9285

CENTERLINE INTERSECTION
STA. 104+33.87
IDLEWOOD RD =
STA. 203+59.16
FELLOWSHIP RD

BEGIN CONSTRUCTION
IDLEWOOD RD
STA. 100+21.00

BEGIN PROJECT
IDLEWOOD RD
STA. 100+00.00
N 1397278.7313
E 2282421.1627

SOUTH FORK PEACHTREE CREEK

GEORGIA REGISTERED No. 39533 PROFESSIONAL ENGINEER DARREN J. WILTON
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SCALE IN FEET
0 500 1000 2000

REVISION DATES

WATERSHED MAP-SITE MONITORING PLAN
IDLEWOOD RD AT FELLOWSHIP RD

CHECKED:		DATE:		DRAWING No.
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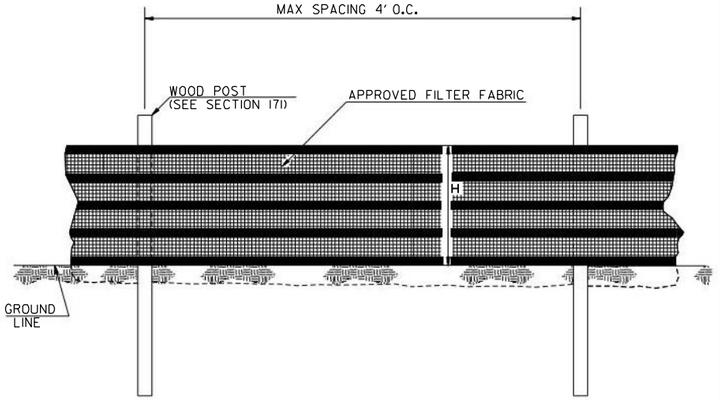
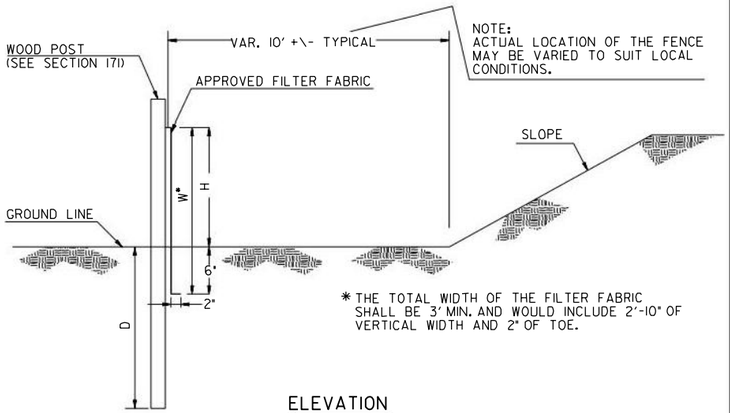
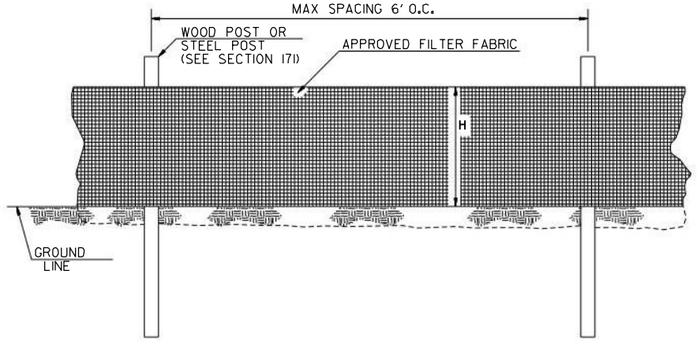
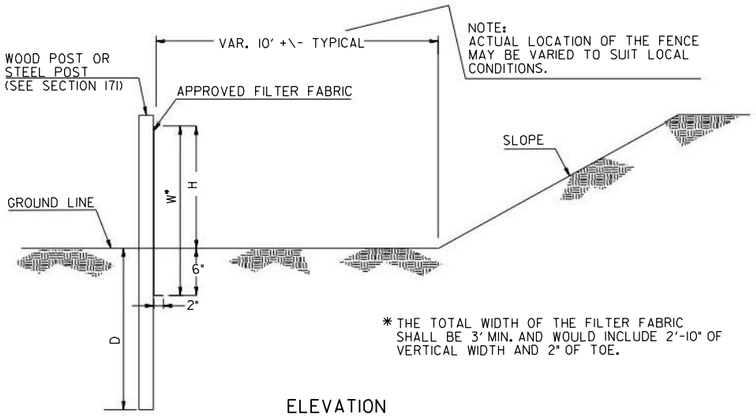




ELEVATION

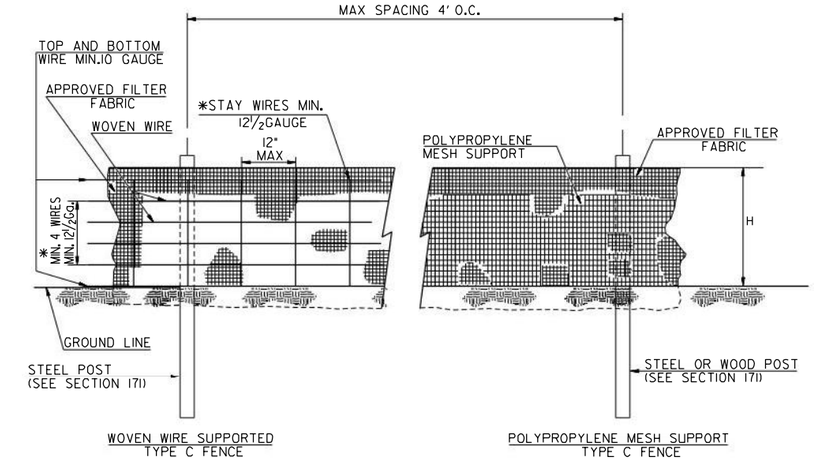
SINGLE ROW TYPE C SILT FENCE WITH HIGH TENSILE POLYPROPYLENE INTEGRATED SUPPORT WOVEN FABRIC





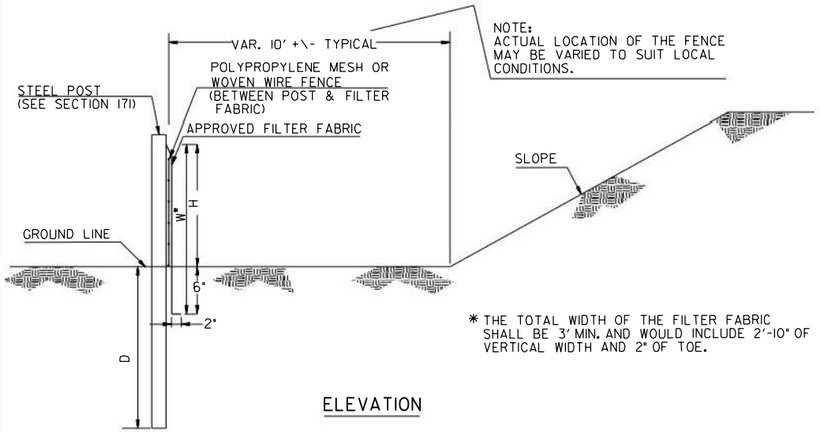
ELEVATION

SINGLE ROW TYPE A SILT FENCE



WOVEN WIRE SUPPORTED
TYPE C FENCE

POLYPROPYLENE MESH SUPPORT
TYPE C FENCE



ELEVATION

SINGLE ROW TYPE C SILT FENCE WITH WOVEN WIRE SUPPORT OR POLYPROPYLENE MESH SUPPORT

FENCE TYPE	POST LENGTH	H	D	W*	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

NOTES:

1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST ½ INCHES LONG AND A CROWN AT LEAST ¾ INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, 1 INCH LONG , WITH BUTTON HEADS AT LEAST ¾ INCHES WIDE.
2. SEE SECTION 171 FOR PLACEMENT OF NAILS OR STAPLES FOR TYPE A AND TYPE C FENCES.
3. THE VERTICAL WIRES FOR THE WOVEN WIRE SUPPORT FENCE SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12½ GAUGE.
4. TEMPORARY SILT FENCE INSTALLATION IS DIFFERENT THAN THE SILT RETENTION BARRIER INSTALLATION.
5. SEE SECTION 171 FOR SILT FENCE SPECIFICATIONS.
6. SEE SECTION 894 FOR FENCING SPECIFICATIONS.
7. SEE QPL-36 FOR A LIST OF APPROVED SILT FENCE FABRIC.
8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

DATE	REVISION	BY
09-2022	ADDED HIGH TENSILE POLYPROPYLENE INTEGRATED FABRIC	AL

GDOT Georgia Department of Transportation

P.I. No.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL

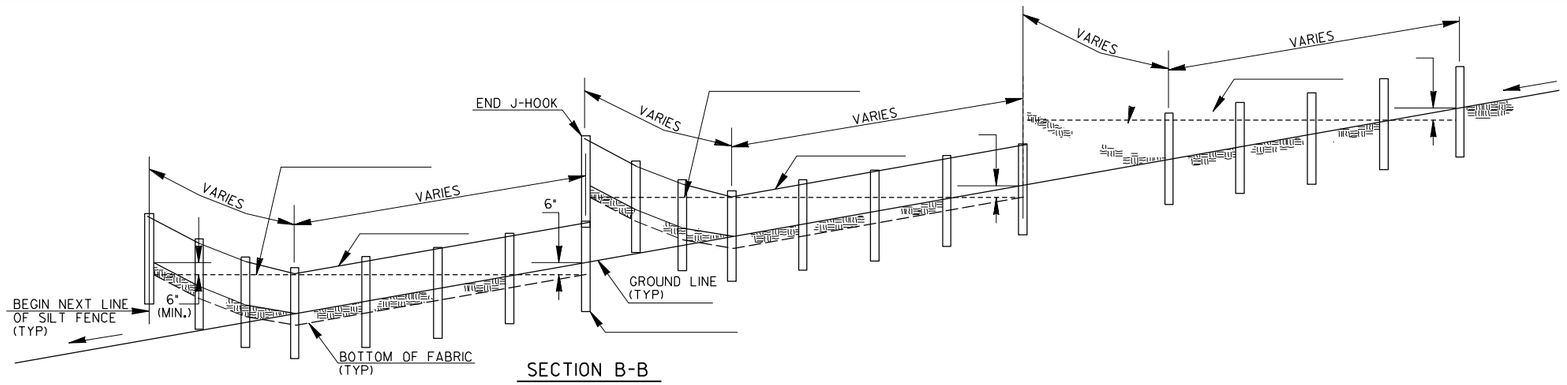
TEMPORARY SILT FENCE

JANUARY 2011
NO SCALE

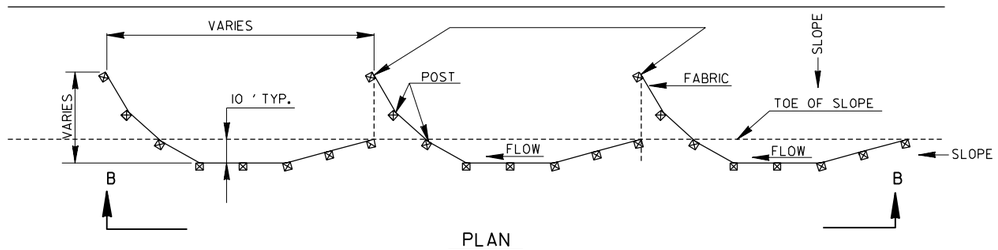
NUMBER
D-24A
1 OF 4

56-0001

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

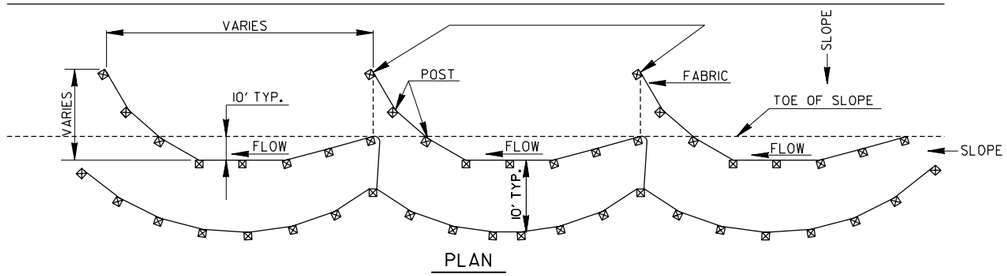


SECTION B-B



PLAN

SINGLE ROW SILT FENCE



PLAN

DOUBLE ROW SILT FENCE

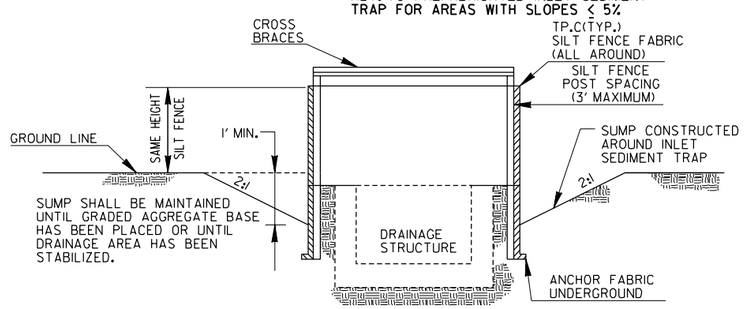
TYPICAL J HOOK SPACING		
SLOPE PERCENT	TYPE OF SILT FENCE	MINIMUM SPACING (FEET)
1% TO 2%	TYPE A OR TYPE C	100' ±
2% TO 3%	TYPE A OR TYPE C	50' ±
3% TO 4%	TYPE C	50' ±
4% TO 5%	TYPE C	25' ±

NOTE:
1. IF THE GRADE IS BETWEEN 0 TO 1PERCENT, THE SILT FENCE SHALL BE PLACED ACROSS THE DITCH.

2. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

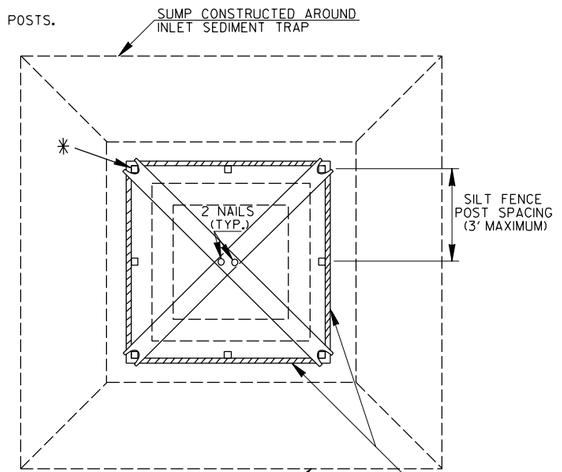
TYPICAL LOCATION AROUND DROP INLETS

ALT. TO PREFABRICATED INLET SEDIMENT TRAP FOR AREAS WITH SLOPES ≤ 5%



ELEVATION

✳ CROSS BRACING REQUIRED WHEN USING "ALTERNATE" TYPE C PRODUCTS WHICH USE WOOD POSTS.



PLAN

CROSS BRACES:

TWO - 2 X 4's WITH ENDS TO FIT POST, PROVIDING STURDY SUPPORT, OR AN APPROVED ALTERNATE

NOTE:
PAYMENT AS INLET SEDIMENT TRAP PER EACH.

NOTE:
SEE SEPARATE SHEET ENTITLED "TEMPORARY SILT FENCE DETAILS" FOR SILT FENCE ERECTION DETAILS.

BAS	PLACEMENT CLARIFICATION	09-2022	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
BY	REVISION	DATE	

CONSTRUCTION DETAILS

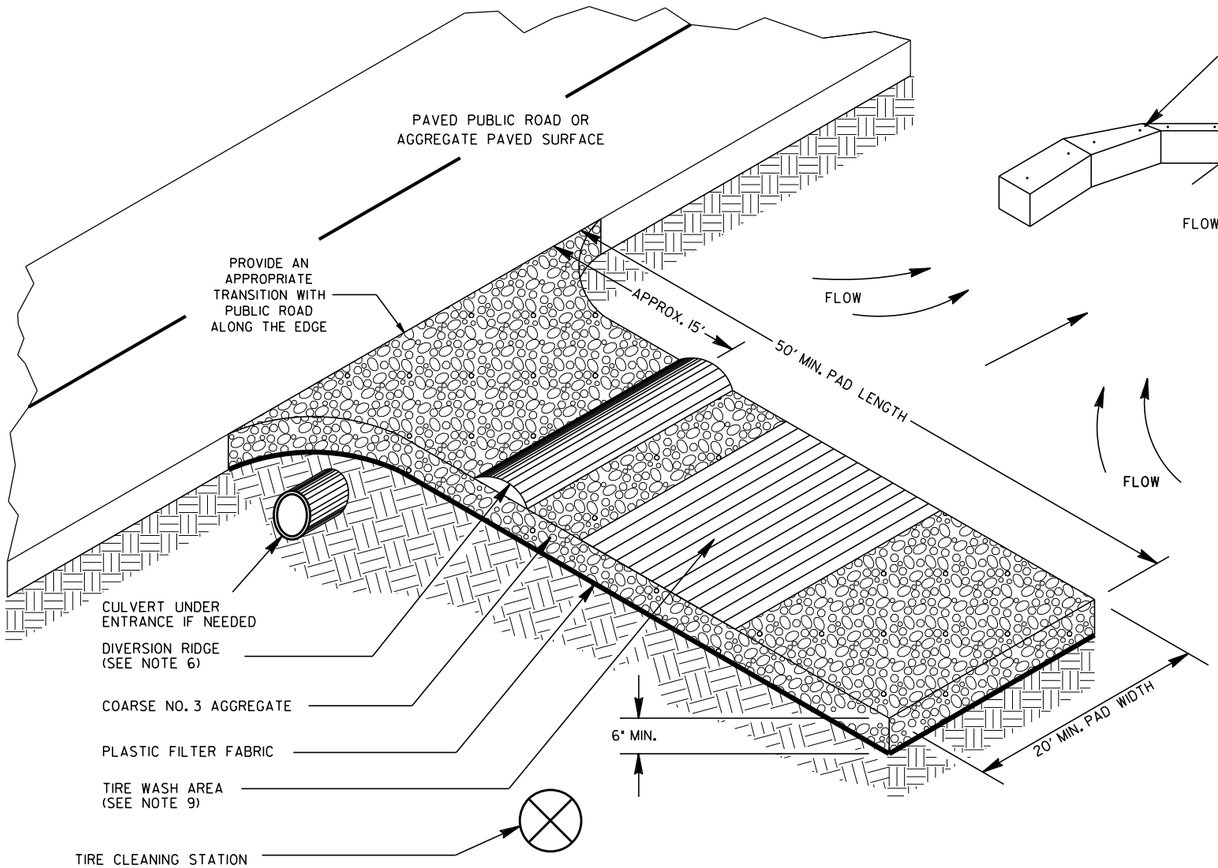
TEMPORARY SILT FENCE
J-HOOK, INLET SEDIMENT TRAPS

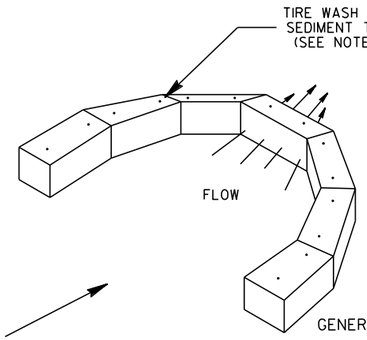
JANUARY 2011
NO SCALE

NUMBER
D-24C
(SHEET 3 OF 4)

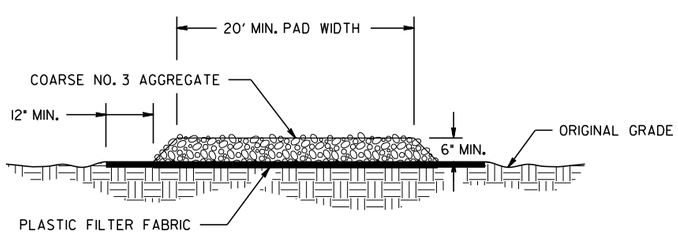
56-0002

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			





ENTRANCE ELEVATION



GENERAL NOTES:

1. AVOID LOCATING CONSTRUCTION EXITS ON STEEP SLOPES OR AT SHARP CURVES ON PUBLIC ROADS. CONSTRUCTION EXITS ARE NOT REQUIRED FOR DIRT PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE COARSE NO. 3 AGGREGATE WITH 0.0% PASSING THE 1.06 INCH U.S. STANDARD SIEVE.
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES AND PLACED ON APPROVED PLASTIC FILTER FABRIC.
5. GRAVEL PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. PROVIDE A TRAVERSABLE DIVERSION RIDGE CONSTRUCTED OF AGGREGATE 6 INCHES TO 8 INCHES HIGH WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL CULVERT UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. TIRE WASH AREA INCLUDES SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE AND SHALL BE CONSTRUCTED EVEN IF CONSTRUCTION EXIT TIRE CLEANING STATION IS NOT USED.
9. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD PRIOR TO ENTERING PUBLIC ROADS THUS DICTATING ADDITIONAL TIRE CLEANING MEASURES, THE CONTRACTOR SHALL ADD A CONSTRUCTION EXIT TIRE CLEANING STATION TO AN EXISTING CONSTRUCTION EXIT OR WHEN DIRECTED BY THE ENGINEER. THE CONSTRUCTION EXIT TIRE CLEANING STATION INCLUDES: WATER SOURCE, LABOR AND ALL MATERIALS NECESSARY TO PERFORM TASK. THIS WILL BE PAID FOR AS SHOWN IN SECTION 163.

   THE WASHING SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE THAT DRAINS INTO A SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE CONSTRUCTION EXIT TO THE SEDIMENT CONTROL DEVICE. ACCEPTABLE SEDIMENT STORAGE DEVICE EXAMPLES INCLUDE TEMPORARY SEDIMENT TRAPS, HAY BALES OR STONE FILTER RING WITH THE SEDIMENT STORAGE SIZED FOR 67 CUBIC YARDS PER ACRE OF DRAINAGE. TIRE WASHING SHALL BE DONE MANUALLY OR BY EQUIPMENT SUITABLE FOR TRUCK TRAFFIC THAT REMOVES MUD AND DIRT.
10. AGGREGATE SHALL BE KEPT LOOSE OR SCARIFIED WHEN AGGREGATE BECOMES CONSOLIDATED.
11. CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR, AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. MAINTENANCE OF CONSTRUCTION EXIT MAY BE PAID WITH OR WITHOUT THE MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA. WHEN DIRECTED BY THE ENGINEER. ALL MUD AND DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

SEE SECTION 163 FOR THE CONSTRUCTION AND REMOVAL OF CONSTRUCTION EXITS. SEE SECTION 165 FOR THE MAINTENANCE OF CONSTRUCTION EXITS.

PAY ITEM:		
163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXITS	(EA)
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	(EA)
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA	(EA)
PAY ITEM:	**FOR FIELD USE ONLY ACCORDING TO SECTION 163**	
163-0310	CONSTRUCTION EXIT TIRE CLEANING STATION	(DAY)

BY	REVISION	DATE
HAC	REV GEN NOTES * 8-II	11-04-20
	REV PAY ITEM DESCS/REFS	
DLE	REV. TIRE WASH & NOTES	04-18-18
DLE	REV. CSWCC 2016 MANUAL	04-22-16
TPC	REV. CONSTR. EXIT LABELS	01-19-11

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

CONSTRUCTION EXIT

NO SCALE — FEBRUARY 2001

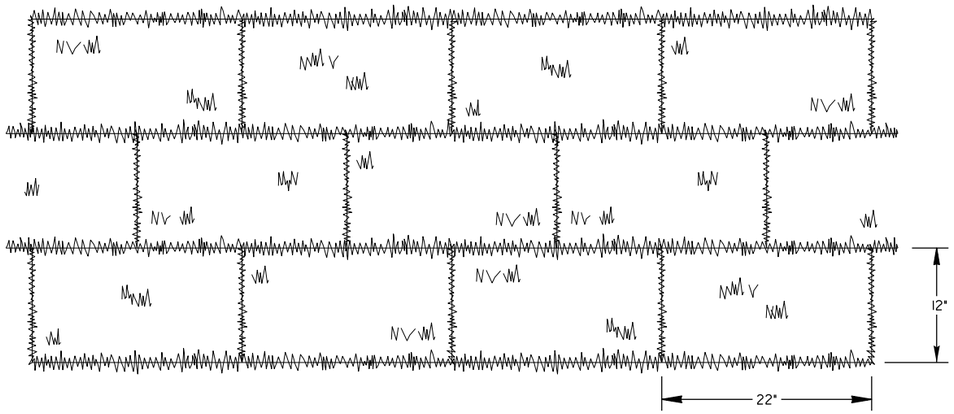
DESIGNED ____
DRAWN DLE
TRACED ____
CHECKED ____

NUMBER D-41

56-0003

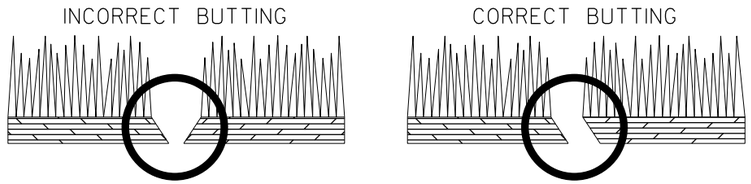
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

SOD LAYOUT

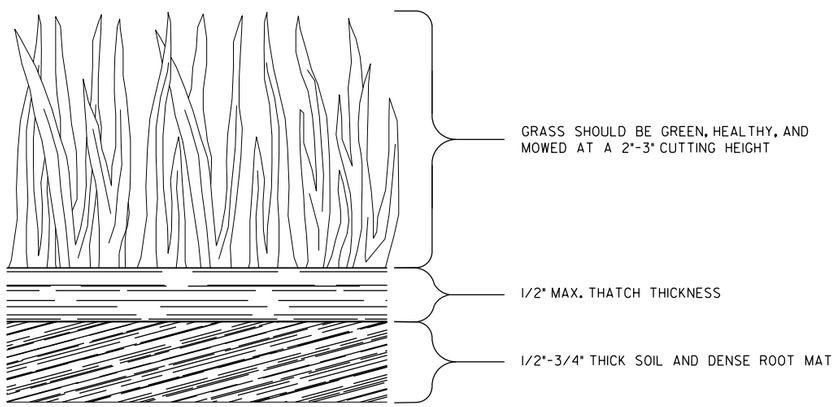


NOTE: SOD MAY BE EITHER 12" WIDE BY 22" LONG BLOCKS OR 21" WIDE BY 52' LONG ROLLS.

ABUTTING SOD



SOD APPEARANCE



GENERAL NOTES:

1. SOD SHALL MEET SECTIONS 700 AND 890 OF THE STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO. SOD SHALL BE CUT INTO 12"Wx22"L BLOCKS OR 21"Wx52'L ROLLS.
2. PLACE SOD IN A STAGGERED PATTERN ENSURING FIRM CONTACT WITH THE SOIL. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER WITH THE AUTOMATIC SOD CUTTER ANGLES CORRECTLY MATCHED WITHOUT SPACES OR OVERLAP.
3. PLACE THE LONG SIDE OF SOD PERPENDICULAR TO DRAINAGE FLOW IF INSTALLED IN DITCHES.
4. STAKE SOD PLACED IN DITCHES OR SLOPES STEEPER THAN 2:1 OR ANY OTHER AREAS WHERE SOD SLIPPING MAY OCCUR. USE WOOD STAKES THAT ARE A MINIMUM OF 8" LONG AND A MAXIMUM OF 1" WIDE. DRIVE STAKES FLUSH WITH THE TOP OF SOD AND USE A MINIMUM OF 8 STAKES PER SQUARE YARD TO HOLD SOD IN PLACE.
5. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.
6. WATER THE SOD IMMEDIATELY AFTER INSTALLATION AND WATER TO A DEPTH OF 4" AS NEEDED.
7. MOW ESTABLISHED SOD TO A HEIGHT NOT LESS THAN 2"-3" AS NECESSARY.

PAY ITEM:
700-9300 SOD (SY)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

SOD INSTALLATION

NO SCALE 4-22-2016

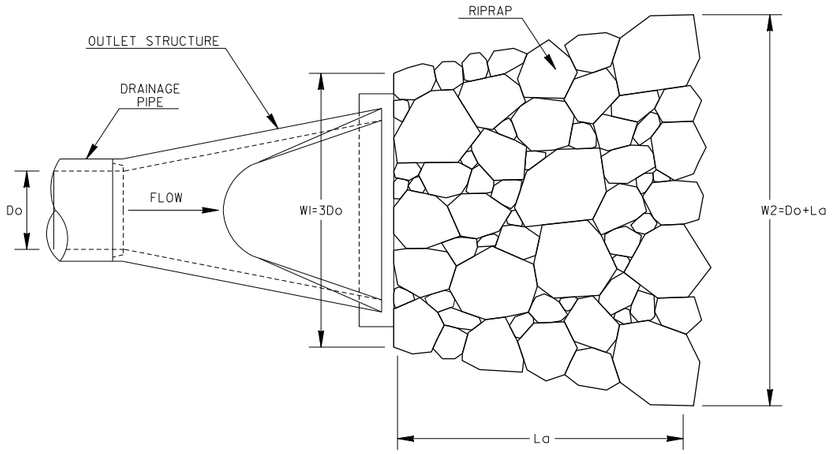
DESIGNED ____
DRAWN DLE
TRACED ____
CHECKED ____

NUMBER D-54

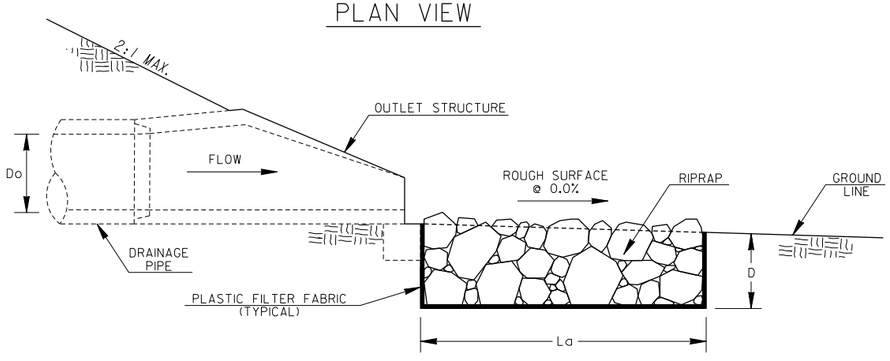
56-0004

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

OUTLET TO FLAT AREA

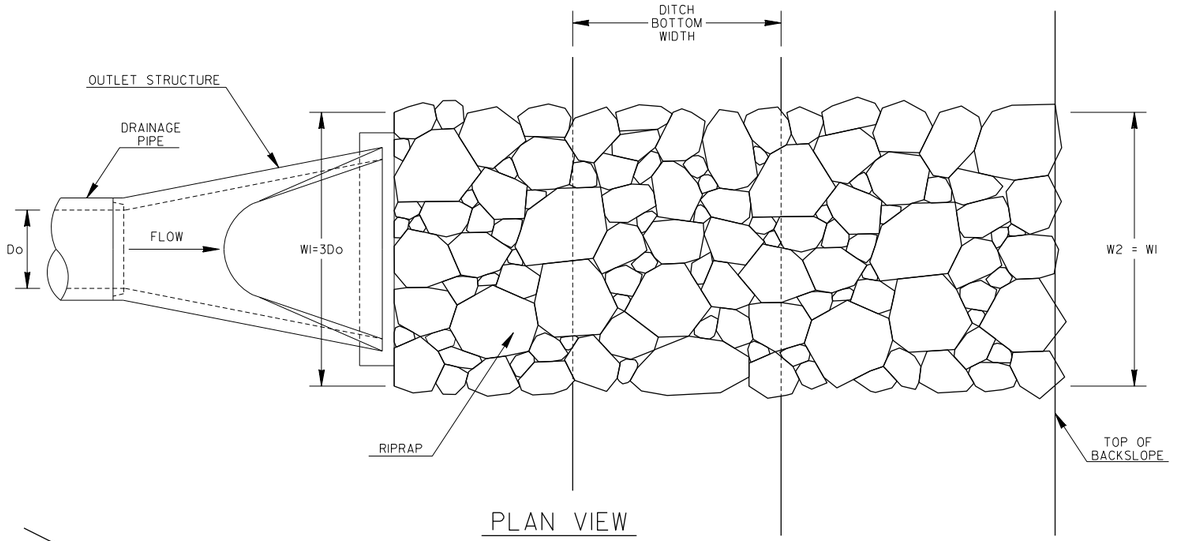


PLAN VIEW

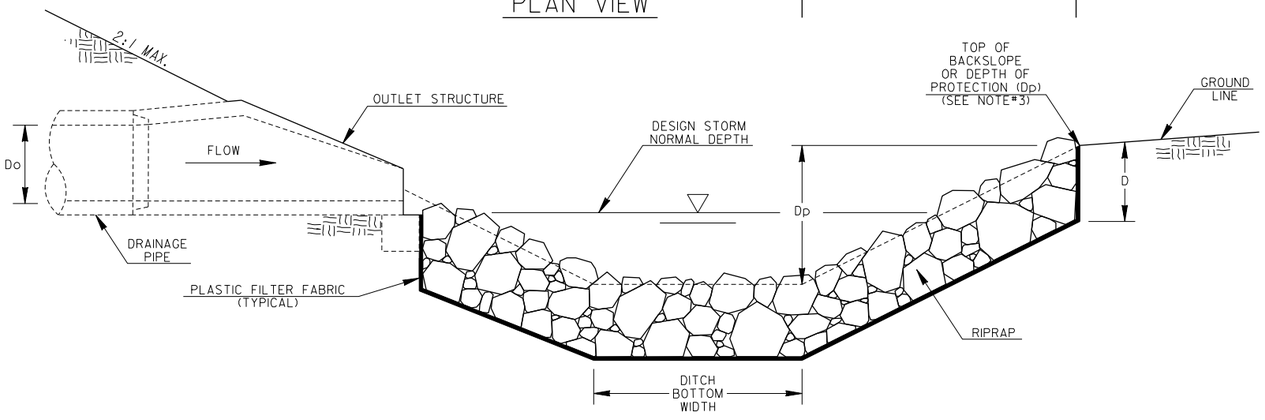


PROFILE VIEW

OUTLET PERPENDICULAR TO WELL-DEFINED CHANNEL



PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

1. RIPRAP OUTLET PROTECTION SHOULD BE USED TO REDUCE A DRAINAGE STRUCTURE'S DISCHARGE VELOCITY.
   RIPRAP OUTLET PROTECTION IS SHOWN FOR GEORGIA STANDARD 1120, BUT IS INSTALLED SIMILARLY FOR OTHER DRAINAGE OUTLET STRUCTURES.

2. RIPRAP OUTLET PROTECTION SHALL BE DESIGNED IN ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
   THE DESIGNER SHALL PROVIDE THE FOLLOWING IN THE PLANS: PIPE DIAMETER (Do), FLOW RATE OF DESIGN STORM (Q), VELOCITY (V), TAILWATER CONDITION (Tw), APRON LENGTH (La), APRON WIDTH AT DRAINAGE STRUCTURE (WI), APRON WIDTH DOWNSTREAM (W2), AVERAGE STONE DIAMETER (d50), INSTALLATION DEPTH (D), AND TYPE OF RIPRAP WITH QUANTITY.

   THE MINIMUM DESIGN FOR RIPRAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM EVENT, BUT LARGER STORMS ARE RECOMMENDED.

3. THE APRON WIDTHS SHALL BE THE SAME WHEN THE DRAINAGE STRUCTURE DISCHARGES PERPENDICULAR INTO A WELL-DEFINED CHANNEL.
   THE LENGTH SHALL EXTEND ACROSS THE CHANNEL AND UP TO THE TOP OF THE CHANNEL BACKSLOPE OR 1-FOOT ABOVE THE NORMAL DEPTH OF THE CHANNEL'S DESIGN STORM (WHICHEVER IS LESS). THE DESIGNER SHALL PROVIDE THE DEPTH OF PROTECTION (Dp) IF THE APRON DOES NOT EXTEND TO THE TOP OF THE BACKSLOPE.

4. IF THE OUTLET HYDRAULICS REQUIRE A d50<=0.70 FEET, TYPE-3 RIPRAP MAY BE USED.
   IF THE OUTLET HYDRAULICS REQUIRE A d50<=1.20 FEET, TYPE-1 RIPRAP SHOULD BE USED.
   IF THE OUTLET HYDRAULICS REQUIRE A d50>1.20 FEET, THE DESIGNER SHALL DESIGN AND PROVIDE A SPECIAL DETAIL FOR APPROPRIATE OUTLET PROTECTION.

5. PLASTIC FILTER FABRIC IS REQUIRED UNDERNEATH RIPRAP APRON.

6. PAYMENT FOR RIPRAP SHALL BE MEASURED IN SQUARE YARDS FOR SPECIFIED INSTALLATION DEPTH. PAYMENT FOR PLASTIC FILTER FABRIC SHALL BE MEASURED IN SQUARE YARDS CONSISTENT WITH RIPRAP QUANTITY AND PAID FOR SEPARATELY.

Do = PIPE DIAMETER
Q = DESIGN STORM FLOW RATE
V = DESIGN STORM VELOCITY
Tw = TAILWATER CONDITION/DESIGN STORM NORMAL DEPTH
La = APRON LENGTH
WI = APRON WIDTH UPSTREAM
W2 = APRON WIDTH DOWNSTREAM
d50 = AVERAGE STONE DIAMETER
D = INSTALLATION DEPTH
Dp = DEPTH OF PROTECTION

RIPRAP TYPE	REQUIRED d50 (FT)	MIN. DEPTH "D" (IN)
1	≤1.2Ø	36
3	≤Ø.67	18

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

RIPRAP OUTLET PROTECTION
(SHEET 1 OF 2)

NO SCALE

DATE: 4-22-2016

REVISION

BY: DESIGNED DLE, DRAWN DLE, TRACED ____, CHECKED ____

NUMBER D-55A

56-0005