

DEPARTMENT OF PUBLIC WORKS CITY OF BROOKHAVEN

PLAN AND PROFILE OF PROPOSED ASHFORD DUNWOODY ROAD

CITY OF BROOKHAVEN

FEDERAL ROUTE • N/A

STATE ROUTE • N/A



LOCATION SKETCH

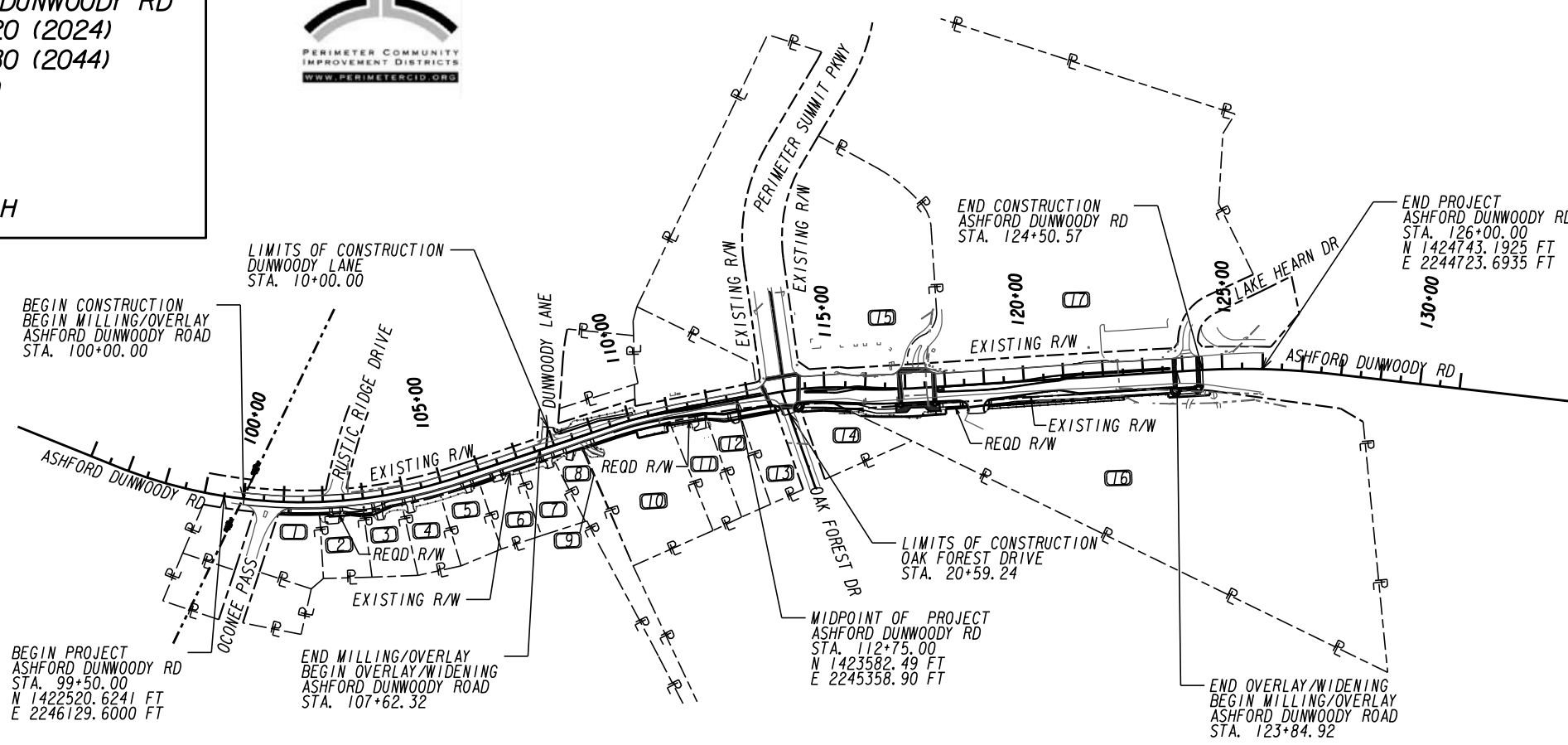
DESIGN DATA: ASHFORD DUNWOODY RD
 TRAFFIC A.D.T.: 32,020 (2024)
 TRAFFIC A.D.T.: 35,380 (2044)
 TRAFFIC D.H.V.: 2,600
 DIRECTIONAL DIST: 83%
 % TRUCKS: 1.7%
 24 HR. TRUCKS %: 1.7%
 SPEED DESIGN: 40MPH

FUNCTIONAL CLASS:
 MINOR ARTERIAL

THIS PROJECT IS 100% IN
 DEKALB COUNTY AND IS
 100% IN CONG. DIST. NO. 6.

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.

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.



PREPARED BY: **ARCADIS** Design & Consultancy for natural and built assets

DESIGN

RECOMMENDED FOR SUBMISSION BY: _____

DESIGN



| LENGTH OF PROJECT | COUNTY No. 089 |
|--------------------------|----------------|
| | MILES |
| NET LENGTH OF ROADWAY | 0.502 |
| NET LENGTH OF BRIDGES | N/A |
| NET LENGTH OF PROJECT | 0.502 |
| NET LENGTH OF EXCEPTIONS | N/A |
| GROSS LENGTH OF PROJECT | 0.502 |

| PLANS COMPLETED | REVISIONS |
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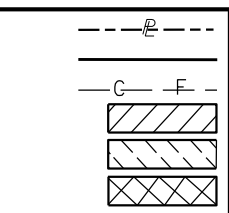
THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT 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.

| DRAWING NO. | DESCRIPTION |
|--------------------|--------------------------------------------------|
| 1-0001 | COVER |
| 2-0001 TO 2-0002 | INDEX |
| 3-0001 | REVISION SUMMARY |
| 4-0001 TO 4-0003 | GENERAL NOTES |
| 5-0001 TO 5-0013 | TYPICAL SECTIONS |
| 6-0001 TO 6-0005 | SUMMARY OF QUANTITIES |
| 7-0001 | QUANTITIES REQUIRED BY AMENDMENT |
| 8-0001 | QUANTITIES REQUIRED ON CONSTRUCTION |
| 11-0001 TO 11-0003 | CONSTRUCTION LAYOUTS |
| 13-0001 TO 13-0005 | MAINLINE ROADWAY PLANS |
| 15-0001 TO 15-0002 | MAINLINE ROADWAY PROFILES |
| 16-0001 TO 16-0001 | CROSSROAD PROFILES |
| 17-0001 TO 17-0006 | DRIVEWAY PROFILES |
| 18-0001 TO 18-0008 | SPECIAL GRADING |
| 19-0001 TO 19-0015 | CONSTRUCTION STAGING PLANS & CROSS SECTIONS |
| 21-0001 TO 21-0006 | DRAINAGE AREA MAPS |
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| 24-0001 TO 24-0005 | UTILITY PLANS |
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| 27-0000 TO 27-0006 | SIGNAL PLANS |
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| 41-0001 TO 41-0028 | GEORGIA STANDARDS (NOT INCLUDED) |
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| 51-0001 TO 51-0005 | ESPCP GENERAL NOTES |
| 52-0001 TO 52-0007 | EROSION CONTROL LEGEND |
| 53-0001 TO 53-0006 | EROSION CONTROL DRAINAGE AREA MAP |
| 54-0001 TO 54-0025 | BEST MANAGEMENT PRACTICES (BMP) LOCATION DETAILS |
| 55-0001 TO 55-0001 | WATERSHED MAP SITE MONITORING PLAN |
| 56-0001 TO 56-0011 | EROSION CONTROL DETAILS |

| DRAWING NO. | DESCRIPTION | |
|----------------|-----------------------------------------------------------------------------------------------------------------|-------|
| GDOT DETAILS | | |
| A-1 | DRIVEWAYS WITH TAPERED ENTRANCES CONCRETE VALLEY GUTTERS | 07/11 |
| A-2 | CONCRETE VALLEY GUTTER AT STREET INTERSECTION 6 | 07/11 |
| A-3 | THIS DETAIL REPLACES GA STANDARD 9031W: SPECIAL DETAILS - CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS | 09/16 |
| A-4 | DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS | 06/09 |
| D-33 | TYPE "V" INLET, "V" GUTTER DETAILS | 08/13 |
| D-54 | SOD INSTALLATION | 04/16 |
| G-11 | GUARDRAIL IMPACT ATTENUATOR UNITS | 07/11 |
| 4949D | PARAPET RETAINING WALLS TYPE P1, P2, AND P3 | 12/16 |
| T-01 | DETAILS OF SIGN PLATES | 01/00 |
| T-02 | DETAILS FOR TYPICAL FRAMING | 03/00 |
| T-03A | TYPE 7, 8, AND 9: SQUARE TUBE POST: INSTALLATION DETAIL | 07/02 |
| T-03B | DETAILS OF SQUARE TUBE POST (BREAKAWAY SIGN SUPPORT) | 07/02 |
| T-04 | DETAILS OF CARDINAL DIRECTION SIGNS | 01/00 |
| T-11A | DETAILS OF PAVEMENT MARKING PLACEMENT; NON-LIMITED ACCESS ROADWAY | 09/16 |
| T-12A | DETAILS OF PAVEMENT MARKING, ARROW LOCATION | 01/00 |
| T-12B | DETAILS OF PAVEMENT MARKINGS -- ARROWS | 11/20 |
| T-13A | DETAILS OF PAVEMENT MARKING WORDS (SHEET 1 OF 2) | 11/20 |
| T-13D | PAVEMENT MARKINGS - INTERSTATE SHIELDS AND WORDS | 09/19 |
| T-14 | DETAILS OF PAVEMENT MARKING HATCHING | 11/08 |
| T-15A | RAISED PAVEMENT MARKER LOCATIONS -- NON-LIMITED ACCESS ROADWAY | 09/16 |
| T-15C | DETAILS OF RAISED PAVEMENT MARKERS | 09/11 |
| TS-00 | TRAFFIC SIGNALS - LEGEND | 11/20 |
| TS-01A | INDUCTIVE LOOP DETECTOR INSTALLATION | 11/20 |
| TS-01B | INDUCTIVE LOOP DETECTOR INSTALLATION | 11/20 |
| TS-03 | PEDESTRIAN FACILITIES INSTALLATION | 11/20 |
| TS-04A | TRAFFIC SIGNAL SUPPORT STRUCTURES | 11/20 |
| TS-05 | STRAIN POLE AND MAST ARM FOUNDATIONS | 11/20 |
| TS-06 | GROUNDING FOR TRAFFIC SIGNAL SUPPORT STRUCTURES | 11/20 |
| TS-07 | UTILITY CLEARANCE | 11/20 |
| TS-08 | GUYING | 11/20 |
| GDOT STANDARDS | | |
| 1011A | BRICK MANHOLES | 10/81 |
| 1011AP | PRECAST REINFORCED CONCRETE MANHOLE | 6/75 |
| 1019A | DROP INLETS (BUILT-IN-PLACE) | 09/01 |
| 1019AP | PRECAST DROP INLETS | 09/01 |
| 1030D1 | CONCRETE AND METAL PIPE CULVERTS SHEET 1 OF 3 | 08/99 |
| 1030D2 | CONCRETE AND METAL PIPE CULVERTS SHEET 2 OF 3 | 09/01 |
| 1030D3 | CONCRETE AND METAL PIPE CULVERTS SHEET 3 OF 3 | 09/01 |
| 1033D | CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB AND GUTTER | 08/82 |
| 1033DP | PRECAST CATCH BASINS | 10/82 |
| 1033F | CATCH BASINS (FOR USE WITH HEADER OR INTEGRAL CURBS, 4", 6", 8", OR 10" HT.) | 08/82 |
| 1034D | CATCH BASINS (FOR USE WITH 6" OR 8" CURB AND GUTTER IN SAGS OR LOW POINTS | 8/82 |
| 1034DP | PRECAST CATCH BASINS | 9/82 |
| 1401 | PAVEMENT PATCHING DETAILS | 08/99 |
| 4000W | GUARDRAIL WARRANT GUIDES | 01/16 |
| 4360 | REFLECTORIZED GUARDRAIL WASHERS AND ANCHORAGE NOSE STRIPING | 12/15 |
| 4380 | "W" BEAM GUARDRAIL--31 INCH GUARDRAIL HEIGHT | 10/14 |
| 4381 | POSTS AND OFFSET BLOCKS FOR "W" & "T" BEAM GUARDRAIL 31 INCH GUARDRAIL HEIGHT | 01/16 |
| 4383 | GUARDRAIL ANCHORAGE TYPE 1 -- 31 INCH GUARDRAIL HEIGHT | 01/16 |
| 4384 | TYPE 12 -- 31 INCH GUARDRAIL HEIGHT | 08/11 |
| 4385 | "T" BEAM GUARDRAIL CONNECTION TO 31 INCH HEIGHT "W" BEAM | 01/16 |
| 4386 | GUARDRAIL LOCATIONS IN MEDIANS; GUARDRAIL LOCATIONS AT TURNOUTS 31 INCH GUARDRAIL HEIGHT | 01/16 |

GEORGIA STANDARD CONSTRUCTION DETAILS, STANDARDS AND SPECIAL DETAILS REQUIRED FOR THIS PROJECT ARE LISTED IN THE INDEX WITH THE LATEST REVISION DATES, BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE STANDARDS AND DETAILS SHOWN IN THE INDEX AND MAINTAINING THESE ON THE PROJECT SITE. FULL SIZE PRINTS MAY BE PURCHASED, BY THE CONTRACTOR, FROM THE GEORGIA DEPARTMENT OF TRANSPORTATION.

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



---E--- BEGIN LIMIT OF ACCESS.....BLA
 _____ END LIMIT OF ACCESS.....ELA
 _____ LIMIT OF ACCESS
 _____ REQ'D R/W & LIMIT OF ACCESS
 [Hatched Box] ORANGE BARRIER FENCE
 [Cross-hatched Box] ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)



| REVISION DATES | |
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**CENTRAL DEKALB PERIMETER CID
 ASHFORD DUNWOODY ROAD IMPROVEMENTS
 INDEX**

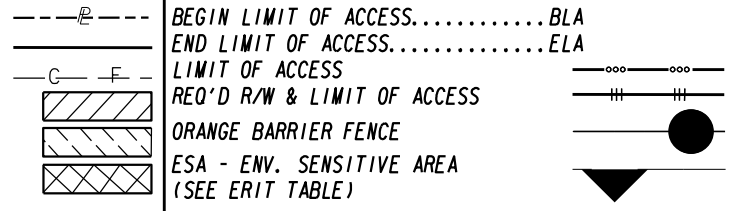
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| VERIFIED: | DATE: | |

| DRAWING NO. | DESCRIPTION |
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| | GDOT STANDARDS |
| 4388 | GUARDRAIL LOCATION DETAILS FOR UNDIVIDED HIGHWAYS AND ROADS (WITH SHOULDERS ADJECENT TO THE ROADWAY); 31 INCH GUARDRAIL HEIGHT 01/16 |
| 4391 | GUARDRAIL LOCATION (On Roads with Curb) 01/16 |
| 9003 | DETAILS OF MARKERS -- FEDERAL AID AND STATE RIGHT OF WAY MARKERS 04/06 |
| 9031L | GRAVITY WALL TYPICAL SECTION RAISING HEADWALL, AND TYPICAL PIPE PLUG SHEET 1 OF 2 09/16 |
| 9031L | DETAILS OF: CATCH BASIN MODIFIED FOR DOUBLE GRATE, DROP INLET MODIFIED FOR DOUBLE GRATE, CONCRETE SPRING BOX, CONCRETE STEPS, CATCH BASIN OR DROP INLET CONNECTION TO CONCRETE BOX CULVERT CAPPING EXISTING DROP INLET. SHEET 2 OF 2 06/98 |
| 9031S | MEDIAN DROP INLET 11/11 |
| 9032B | CONCRETE CURB & GUTTER, CONCRETE CURBS, CONCRETE MEDIANS 11/11 |
| | EROSION CONTROL CONSTRUCTION DETAILS |
| D-24A | TEMPORARY SILT FENCE BERM DITCH, INSTALLATION, BRUSH BARRIER (SHEET 2 OF 4) 01/11 |
| D-24B | TEMPORARY SILT FENCE BERM DITCH, INSTALLATION, BRUSH BARRIER (SHEET 2 OF 4) 01/11 |
| D-24C | TEMPORARY SILT FENCE J-HOOKS, INLET SEDIMENT TRAPS (SHEET 3 OF 4) 01/11 |
| D-24D | TEMPORARY SILT FENCE FABRIC CHECK DAM (SHEET 4 OF 4) 07/15 |
| D-35 | PERMANENT SOIL REINFORCING MAT (TURF REINFORCING MAT) INSTALLATION ON DITCHES. 01/11 |
| D-41 | CONSTRUCTION EXIT 04/20 |
| D-42 | INLET SEDIMENT TRAPS 05/08 |
| D-46 | STONE FILTERING RING 04/16 |
| D-49 | DITCH BACK OF RETAINING WALL, SWALE DITCHES, RIP RAP DITCH 04/16 |
| D-54 | SOD INSTALATION 04/16 |
| D-55A | RIP RAP OUTLET PROTECTION (SHEET 1 OF 2) 04/16 |
| D-55B | RIPRAP OUTLET PROTECITON (SHEET 2 OF 2) 04/16 |

| DRAWING NO. | DESCRIPTION |
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GEORGIA STANDARD CONSTRUCTION DETAILS, STANDARDS AND SPECIAL DETAILS REQUIRED FOR THIS PROJECT ARE LISTED IN THE INDEX WITH THE LATEST REVISION DATES. BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE STANDARDS AND DETAILS SHOWN IN THE INDEX AND MAINTAINING THESE ON THE PROJECT SITE. FULL SIZE PRINTS MAY BE PURCHASED, BY THE CONTRACTOR, FROM THE GEORGIA DEPARTMENT OF TRANSPORTATION.

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



REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
INDEX

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| VERIFIED: | DATE: | |

PROJECT GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION.
2. ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON PLANS, AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON PLANS WILL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY UNDER THIS REQUIREMENT. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE PROJECT IN ITS ORIGINAL, RELOCATED OR NEWLY INSTALLED POSITION.
3. RIGHT-OF-WAY MARKERS IN RESIDENTIAL LAWN AND DEVELOPED COMMERCIAL AREAS SHALL BE PLACED FLUSH WITH THE FINISHED SURFACE.
4. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. : SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.
5. THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE AS SHOWN IN GA. SPECIFICATION 201 TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.
6. PERFORATED UNDER DRAIN SHALL BE PLACED IN AREAS WHERE WET CONDITIONS EXIST IN THE SUBGRADE AS DIRECTED BY THE ENGINEER.
7. SIGNS, STRUCTURES, TREES, SHRUBS AND OTHER PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION, SHALL NOT BE DISTURBED UNLESS DIRECTED BY THE ENGINEER. COST FOR REMOVAL OF SIGNS, STRUCTURES, TREES, SHRUBS AND OTHER PLANT MATERIAL THAT FALL WITHIN THE CONSTRUCTION LIMITS SHALL BE INCLUDED IN THE BID PRICE FOR "GRADING COMPLETE".
8. ALL EXISTING PIPE NO LONGER IN USE SHALL BE REMOVED UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER. REMOVAL OF PIPE SHALL BE INCLUDED IN PRICE BID FOR "GRADING COMPLETE".
9. SPRINKLER SYSTEMS TO BE HANDLED AS FOLLOWS:
 CASE 1 - SYSTEMS WITHIN THE CONSTRUCTION LIMITS OWNED BY INDIVIDUALS OR PRIVATE COMPANIES ARE TO BE REMOVED TO THE BACK OF THE CONSTRUCTION LIMITS AND PLUGGED. COST SHALL BE INCLUDED IN PRICE BID FOR "GRADING COMPLETE".
 CASE 2 - SYSTEMS SHOWN BY THE PLANS TO BE REMOVED AND RELOCATED SHALL BE RELOCATED JUST OFF THE RIGHT-OF-WAY. COST SHALL BE INCLUDED IN PRICE BID FOR "GRADING COMPLETE".
10. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED WILL BE PAVED BACK TO THE TIE IN POINT OR REQUIRED 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, ASPHALT CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME, GRADED AGGREGATE BASE, 6".
 CONCRETE - DRIVEWAY CONCRETE, 6 IN THICK, CONC VALLEY GUTTER, 6 IN.
 COMMERCIAL:
 ASPHALT 165 LB/SY, ASPHALT CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED 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, CONC VALLEY GUTTER, 8 IN.

PROJECT GENERAL NOTES CONTINUED

11. ALL WHEEL CHAIR RAMPS AND SIDEWALK WITHIN THE INTERSECTION RADIUS ARE TO BE CONSTRUCTED USING 8-INCH CONCRETE. THE COST FOR ADA RAMPS SHALL BE INCLUDED IN THE PRICE BID FOR 8 INCH CONCRETE SIDEWALK.
12. AN N.O.I. (NOTICE OF INTENT) IS REQUIRED FOR THIS PROJECT.
13. THE CONTRACTOR SHALL CLEAN ALL EXISTING STORM DRAINAGE PIPE THAT WILL REMAIN ON THE PROJECT. ALL COST FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF GRADING COMPLETE.
14. IN AREAS WHERE NEW PAVEMENT OR PAVEMENT WIDENING IS REQUIRED, SAW CUT OF EXISTING PAVEMENT WILL BE REQUIRED IN ACCORDANCE WITH SECTION 411 OF THE GEORGIA STANDARD SPECIFICATIONS AND WILL BE INCLUDED IN THE PRICE FOR "GRADING COMPLETE".
15. CONTACT THE BROOKHAVEN PUBLIC WORKS (404-637-0540) ONE WEEK PRIOR TO COMMENCEMENT OF ANY STRIPING WORK.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ONLY REFLECTORIZED PLASTIC DRUMS AND TEMPORARY CONCRETE BARRIERS SHALL BE USED ADJACENT TO TRAVEL LANES PLACED A MINIMUM OF 2 FEET FROM THE EDGE OF THE TRAVEL LANES UNLESS PRIOR APPROVAL IS GRANTED BY THE CITY OF BROOKHAVEN PUBLIC WORKS DEPARTMENT. TYPE I AND II BARRICADES AND CONES SHALL NOT BE USED.
2. THE CITY OF BROOKHAVEN PUBLIC WORKS DEPARTMENT 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 DEPARTMENT.
3. THE CONTRACTOR IS REQUIRED TO MAINTAIN VEHICLE DETECTION WITHOUT INTERRUPTION FOR ALL TRAFFIC SIGNAL PHASES DURING CONSTRUCTION OF THE PROJECT.

| UTILITY | UTILITY OWNER | CONTACT NUMBERS |
|-------------|--------------------------------------------------|-----------------|
| WATER | DEKALB COUNTY DEPARTMENT OF WATERSHED MANAGEMENT | 770-270-6243 |
| SEWER | DEKALB COUNTY DEPARTMENT OF WATERSHED MANAGEMENT | 770-270-6243 |
| GAS | SOUTHERN COMPANY GAS | 404-584-3176 |
| POWER | GEORGIA POWER COMPANY | 470-557-1613 |
| CABLE | VERIZON WIRELESS | 678-259-5284 |
| TV/INTERNET | ZAYO COMMUNICATIONS | 770-789-0066 |
| CABLE | AT & T METRO | 770-855-4415 |
| FIBER | GOOGLE FIBER | 770-687-4932 |

* UTILITY LOCATIONS WHERE LOCATED BY UTILITY OWNER MARKUPS



REVISION DATES

CENTRAL DEKALB PERIMETER CID

**ASHFORD DUNWOODY ROAD IMPROVEMENTS
GENERAL NOTES**

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

pH >6
Resistivity >10000

County: DEKALB COUNTY

P. I. Number: N/A

Pipe Culvert Material Alternates

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

NOTE:

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

Rev. 1-12-16

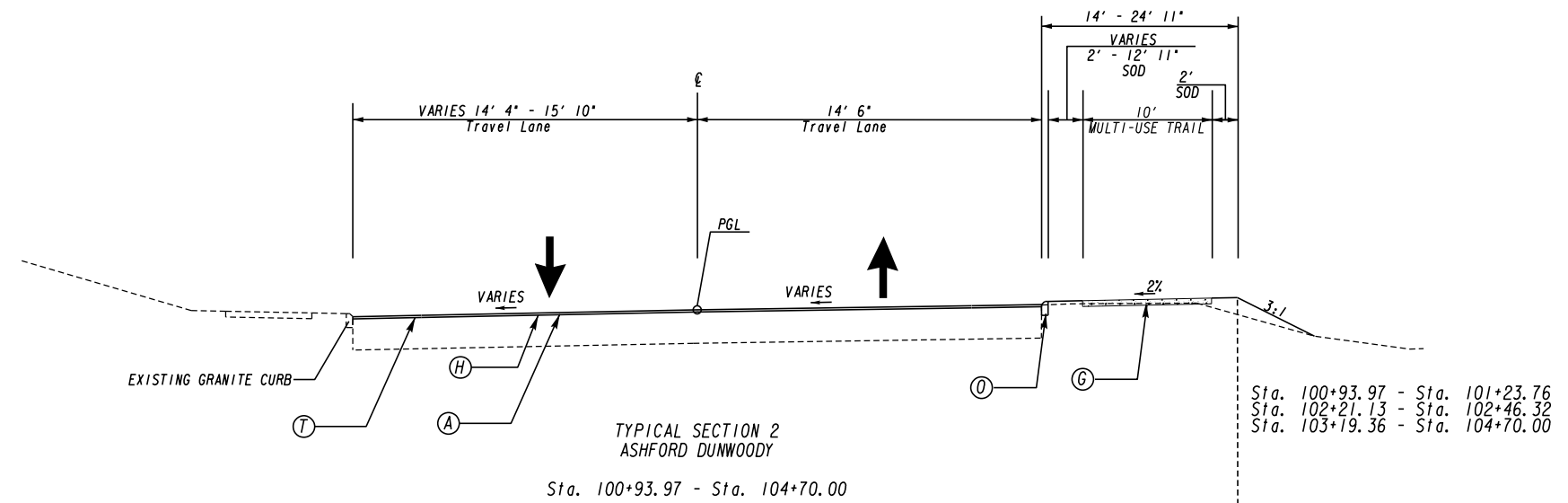
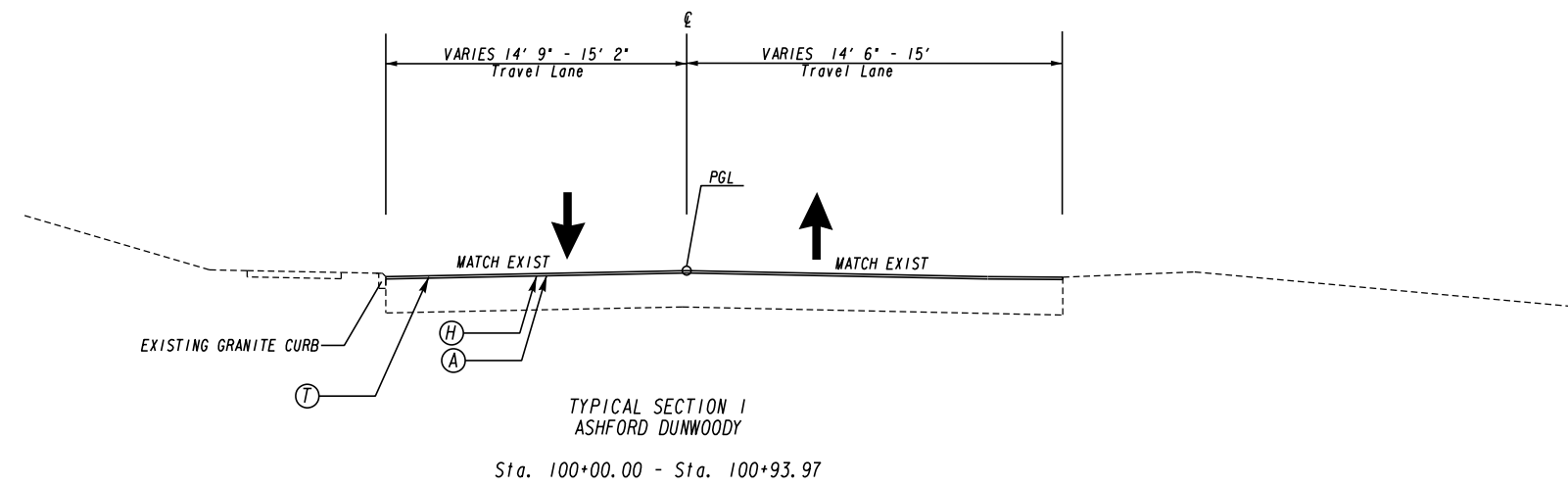


REVISION DATES

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CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
GENERAL NOTES

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| CORRECTED: | | DATE: | | |
| VERIFIED: | | DATE: | | |



- ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
- ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
- ⓔ PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
- ⓕ CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- ⓖ CONC SIDEWALK, 4 IN
- ⓗ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
- ⓓ CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
- ⓕ CONC HEADER CURB TP 2
- ⓖ CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
- ⓗ GRAVITY WALL FOR FLAT BACKFILL
- ⓓ TYP-W GUARDRAIL
- ⓕ TYP-W DOUBLE FACED GUARDRAIL
- ⓖ GRANITE CURB, 5 IN X 16 IN, TP A
- ⓗ GR AGGR BASE CRS, 6 INCH, INCL MATL
- ⓓ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PCID STD. FOR DETAILS
- ⓕ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
- ⓖ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

Sta. 101+23.76 - Sta. 102+21.13
Sta. 102+46.32 - Sta. 103+19.36

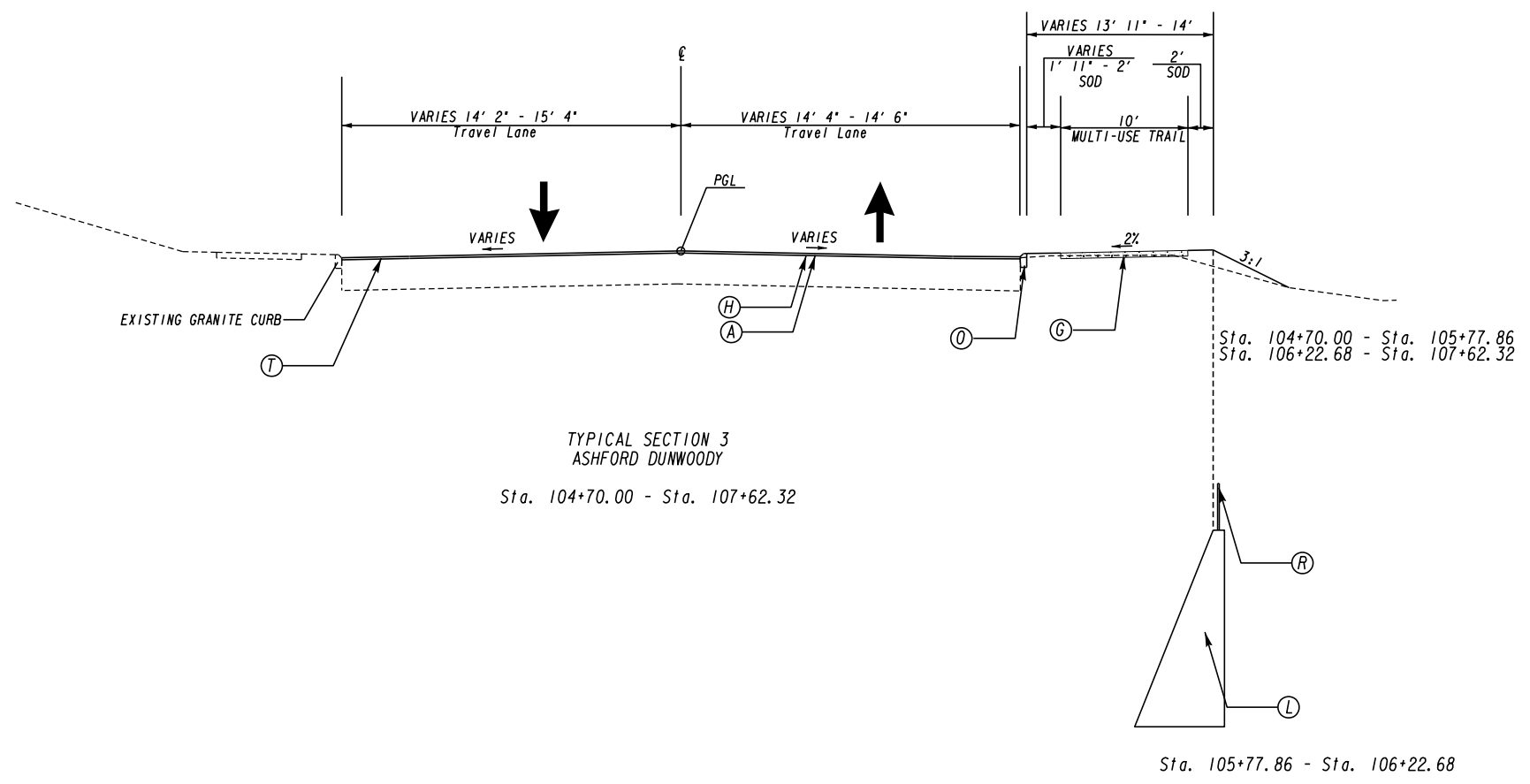


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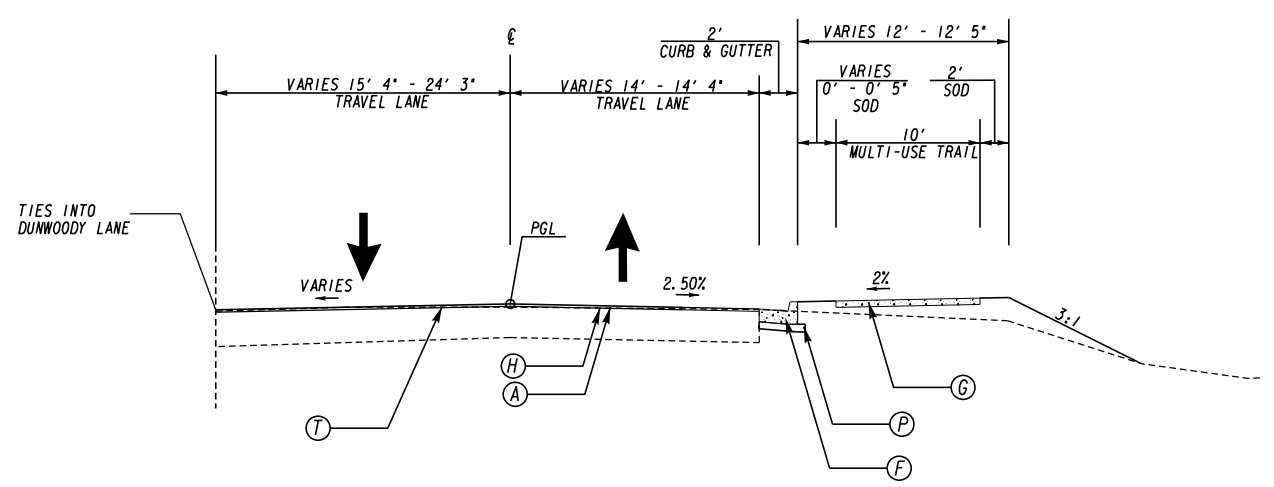
REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 05-0001 |
| CORRECTED: | DATE: | |
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TYPICAL SECTION 3
ASHFORD DUNWOODY
Sta. 104+70.00 - Sta. 107+62.32



TYPICAL SECTION 4
ASHFORD DUNWOODY
Sta. 107+62.32 - Sta. 108+07.68

- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
- Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
- Ⓔ PAVEMENT REINFORCEMENT FABRIC 18\"
- Ⓕ CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- Ⓖ CONC SIDEWALK, 4 IN
- Ⓗ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
- Ⓙ CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
- Ⓚ CONC HEADER CURB TP 2
- Ⓛ CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
- Ⓜ GRAVITY WALL FOR FLAT BACKFILL
- Ⓝ TYP-W GUARDRAIL
- Ⓟ TYP-W DOUBLE FACED GUARDRAIL
- Ⓠ GRANITE CURB, 5 IN X 16 IN, TP A
- Ⓡ GR AGGR BASE CRS, 6 INCH, INCL MATL
- Ⓢ BLACK POWDERCOAT, 4\"
- Ⓣ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
- Ⓤ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

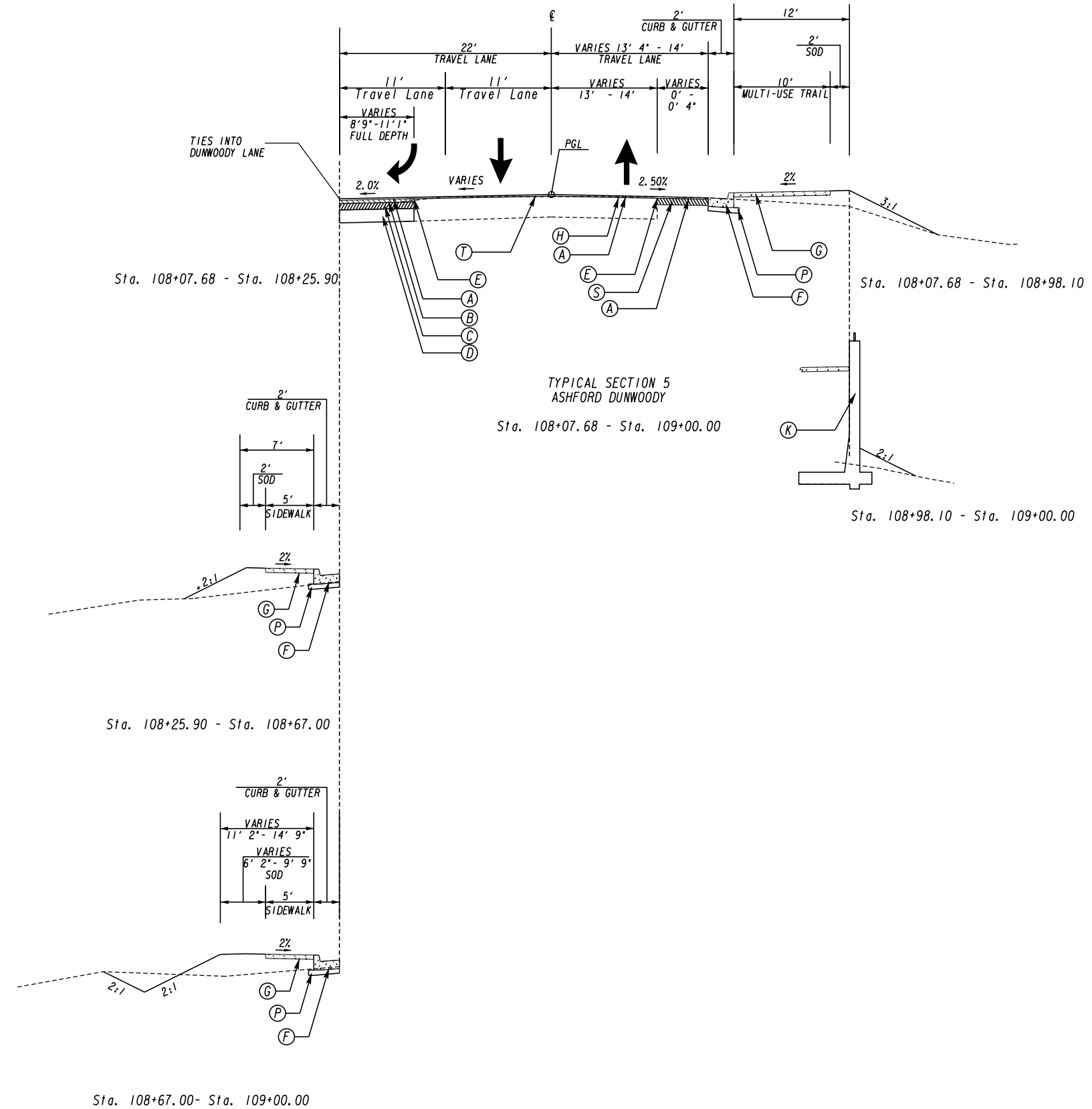


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REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
- Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
- Ⓔ PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
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- Ⓛ GRAVITY WALL FOR FLAT BACKFILL
- Ⓜ TYP-W GUARDRAIL
- Ⓝ TYP-W DOUBLE FACED GUARDRAIL
- Ⓞ GRANITE CURB, 5 IN X 16 IN, TP A
- Ⓟ GR AGGR BASE CRS, 6 INCH, INCL MATL
- Ⓠ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PCID STD. FOR DETAILS
- Ⓡ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
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NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: • SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

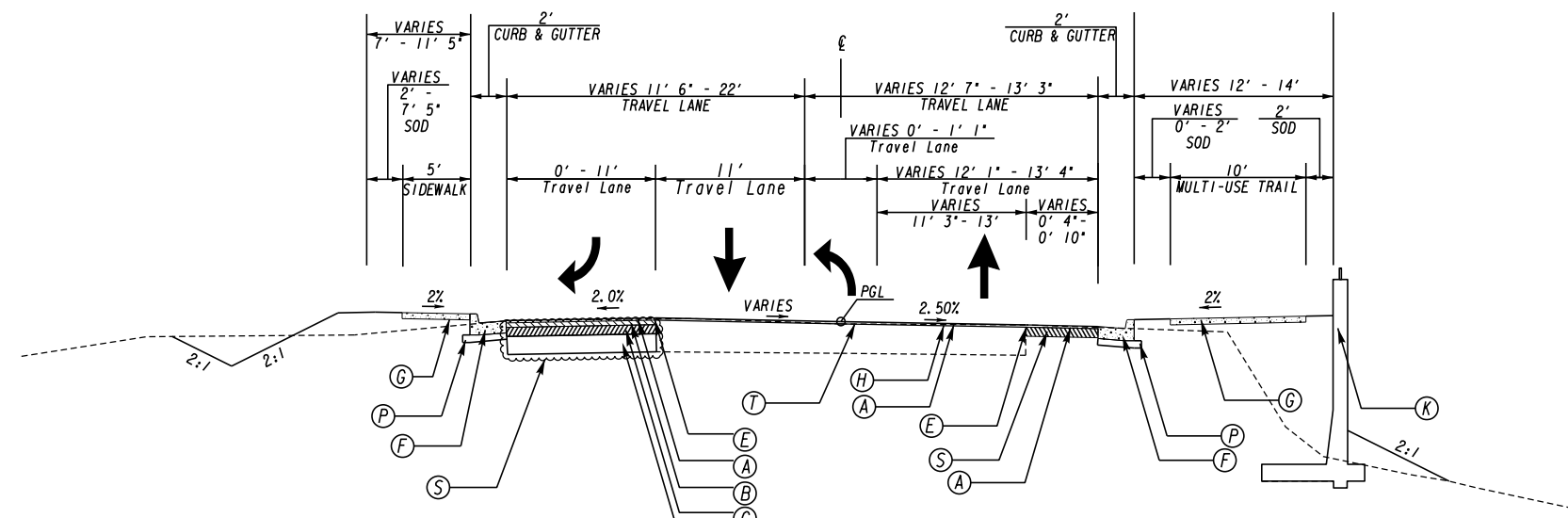


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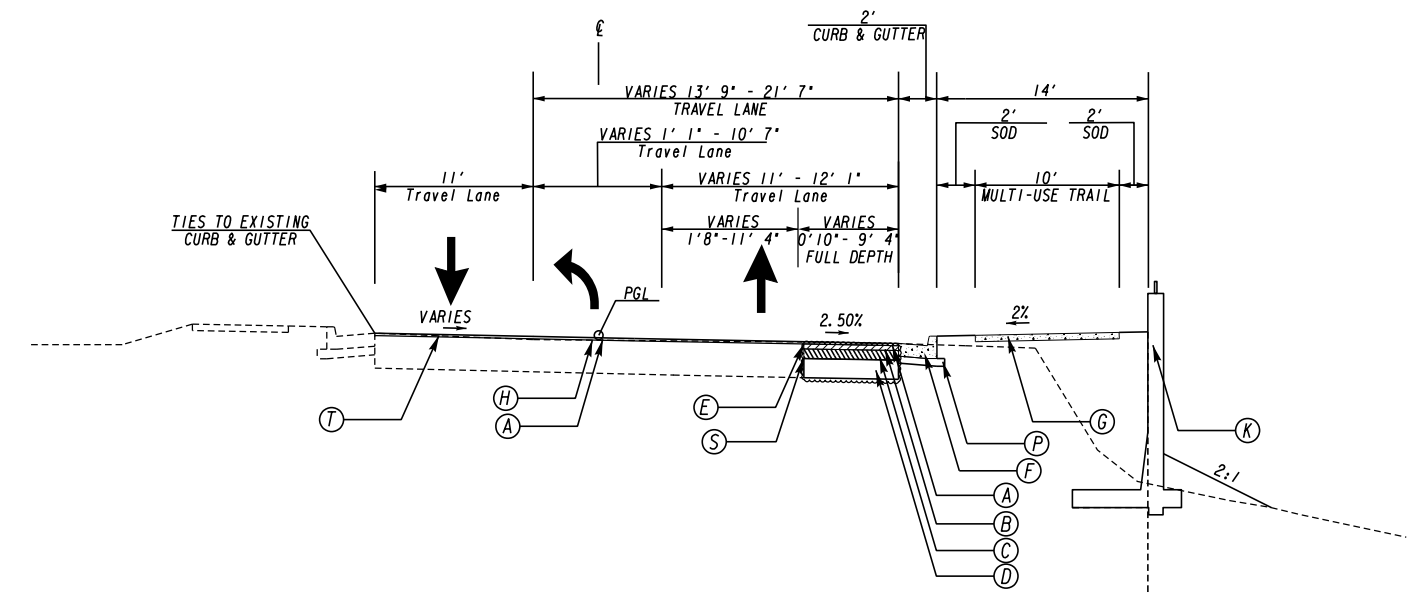
REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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TYPICAL SECTION 6
ASHFORD DUNWOODY
Sta. 109+00.00 - Sta. 110+11.19



TYPICAL SECTION 7
ASHFORD DUNWOODY
Sta. 110+11.19 - Sta. 111+86.52

- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
- Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
- Ⓔ PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
- Ⓕ CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- Ⓖ CONC SIDEWALK, 4 IN
- Ⓗ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
- Ⓙ CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
- Ⓚ CONC HEADER CURB TP 2
- Ⓛ CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
- Ⓜ GRAVITY WALL FOR FLAT BACKFILL
- Ⓝ TYP-W GUARDRAIL
- Ⓟ TYP-W DOUBLE FACED GUARDRAIL
- Ⓠ GRANITE CURB, 5 IN X 16 IN, TP A
- Ⓡ GR AGGR BASE CRS, 6 INCH, INCL MATL
- Ⓢ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PCID STD. FOR DETAILS
- Ⓣ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
- Ⓤ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

Sta. 111+00.00 - Sta. 111+86.52

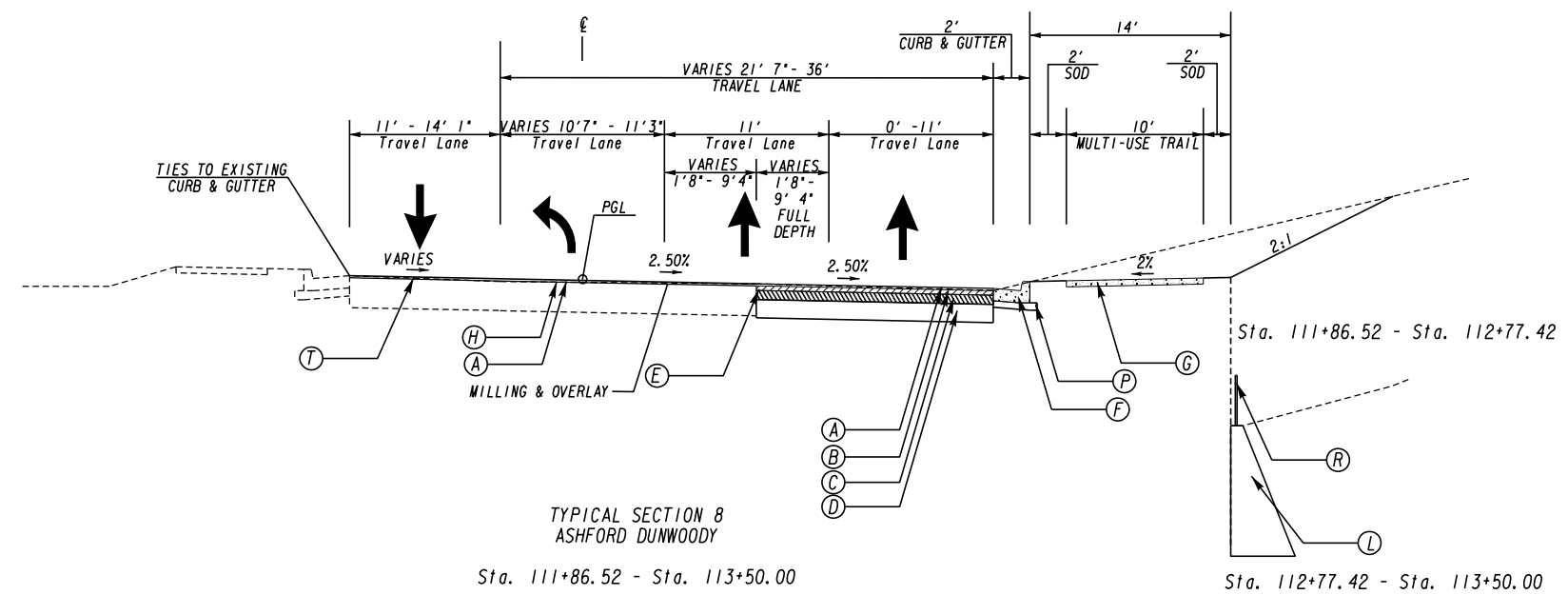


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REVISION DATES

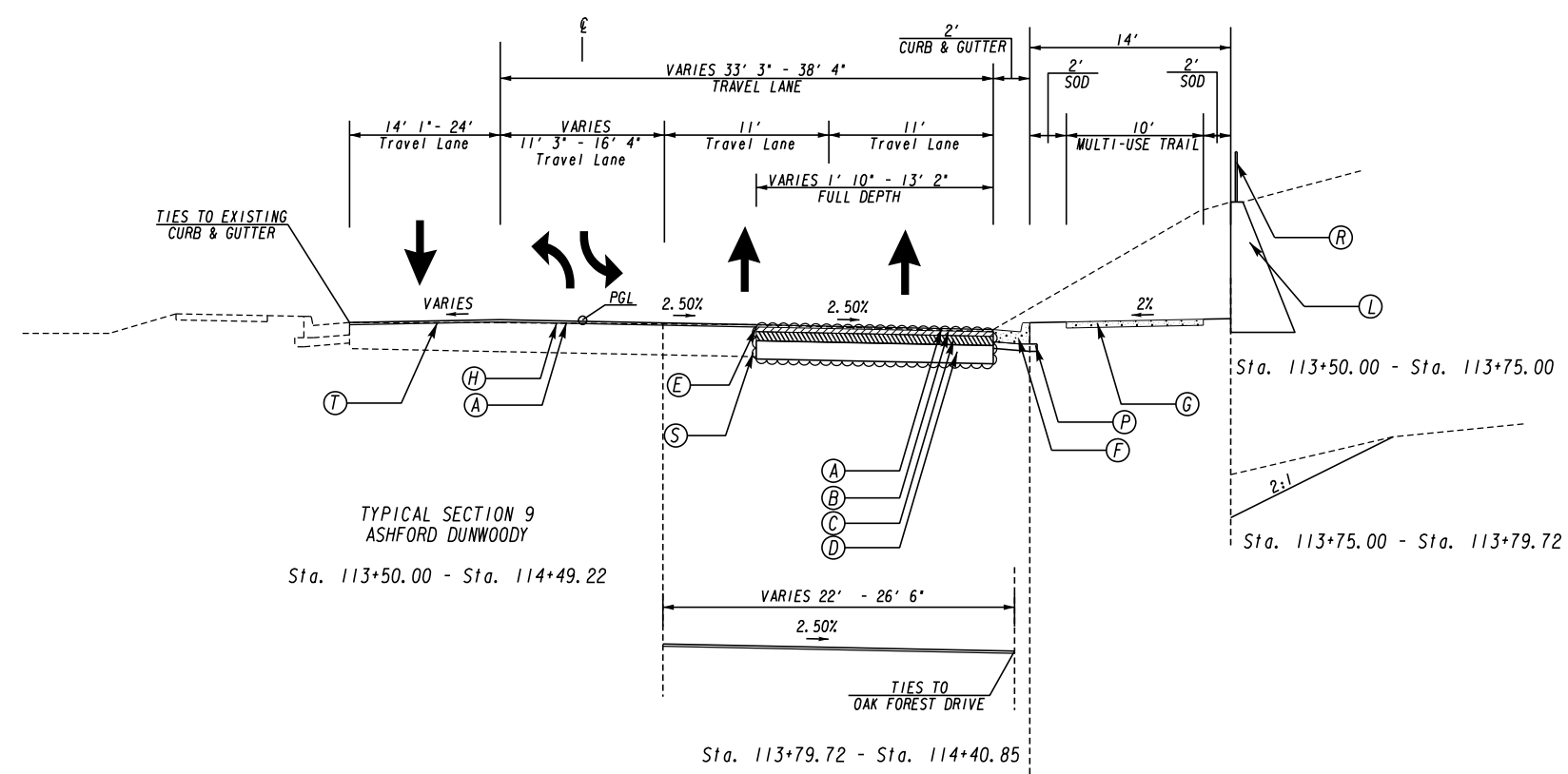
CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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TYPICAL SECTION 8
ASHFORD DUNWOODY

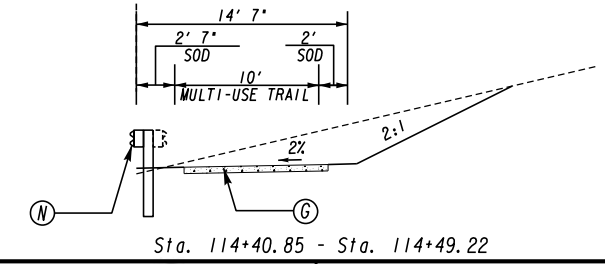
Sta. 111+86.52 - Sta. 113+50.00



TYPICAL SECTION 9
ASHFORD DUNWOODY

Sta. 113+50.00 - Sta. 114+49.22

Sta. 113+79.72 - Sta. 114+40.85



Sta. 114+40.85 - Sta. 114+49.22

- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
 - Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
 - Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
 - Ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
 - Ⓔ PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
 - Ⓕ CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
 - Ⓖ CONC SIDEWALK, 4 IN
 - Ⓗ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
 - Ⓙ CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
 - Ⓚ CONC HEADER CURB TP 2
 - Ⓛ CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
 - Ⓛ GRAVITY WALL FOR FLAT BACKFILL
 - Ⓜ TYP-W GUARDRAIL
 - Ⓝ TYP-W DOUBLE FACED GUARDRAIL
 - Ⓞ GRANITE CURB, 5 IN X 16 IN, TP A
 - Ⓟ GR AGGR BASE CRS, 6 INCH, INCL MATL
 - Ⓠ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PCID STD. FOR DETAILS
 - Ⓡ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
 - Ⓢ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
 - Ⓣ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

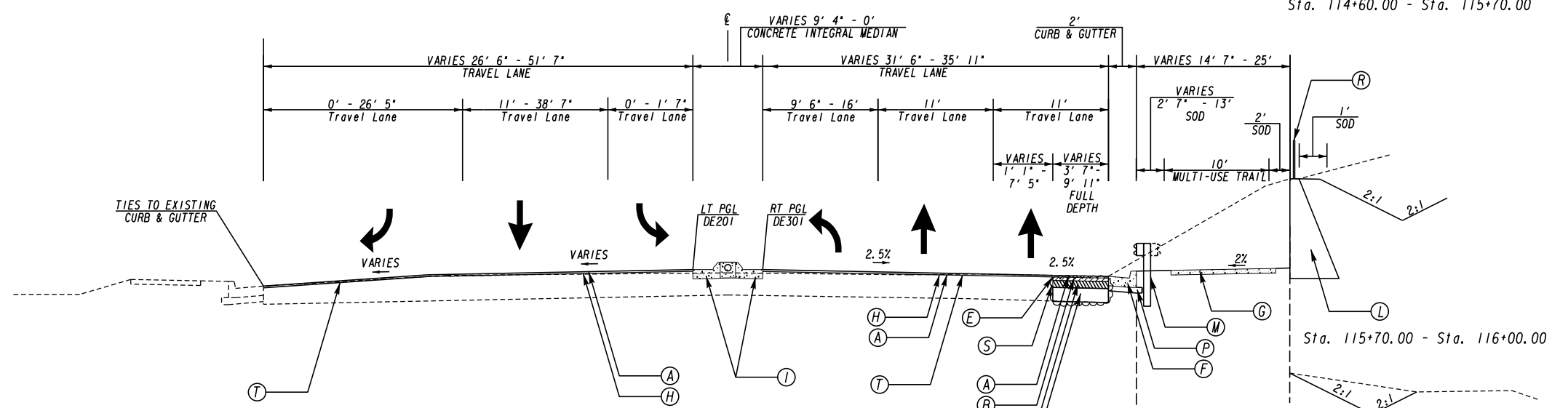
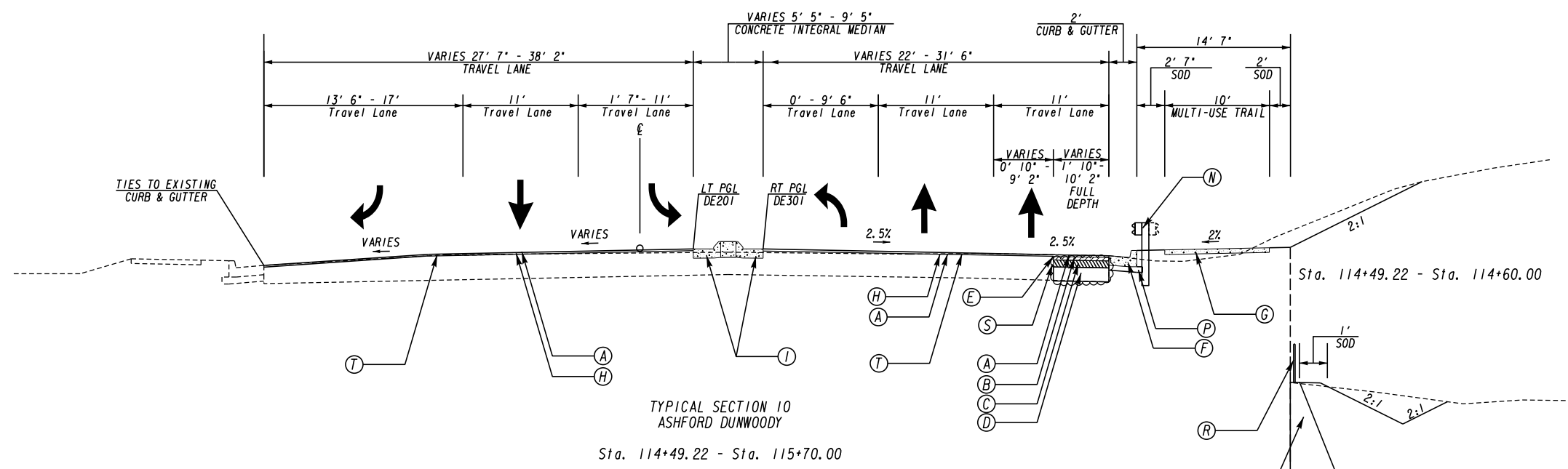


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REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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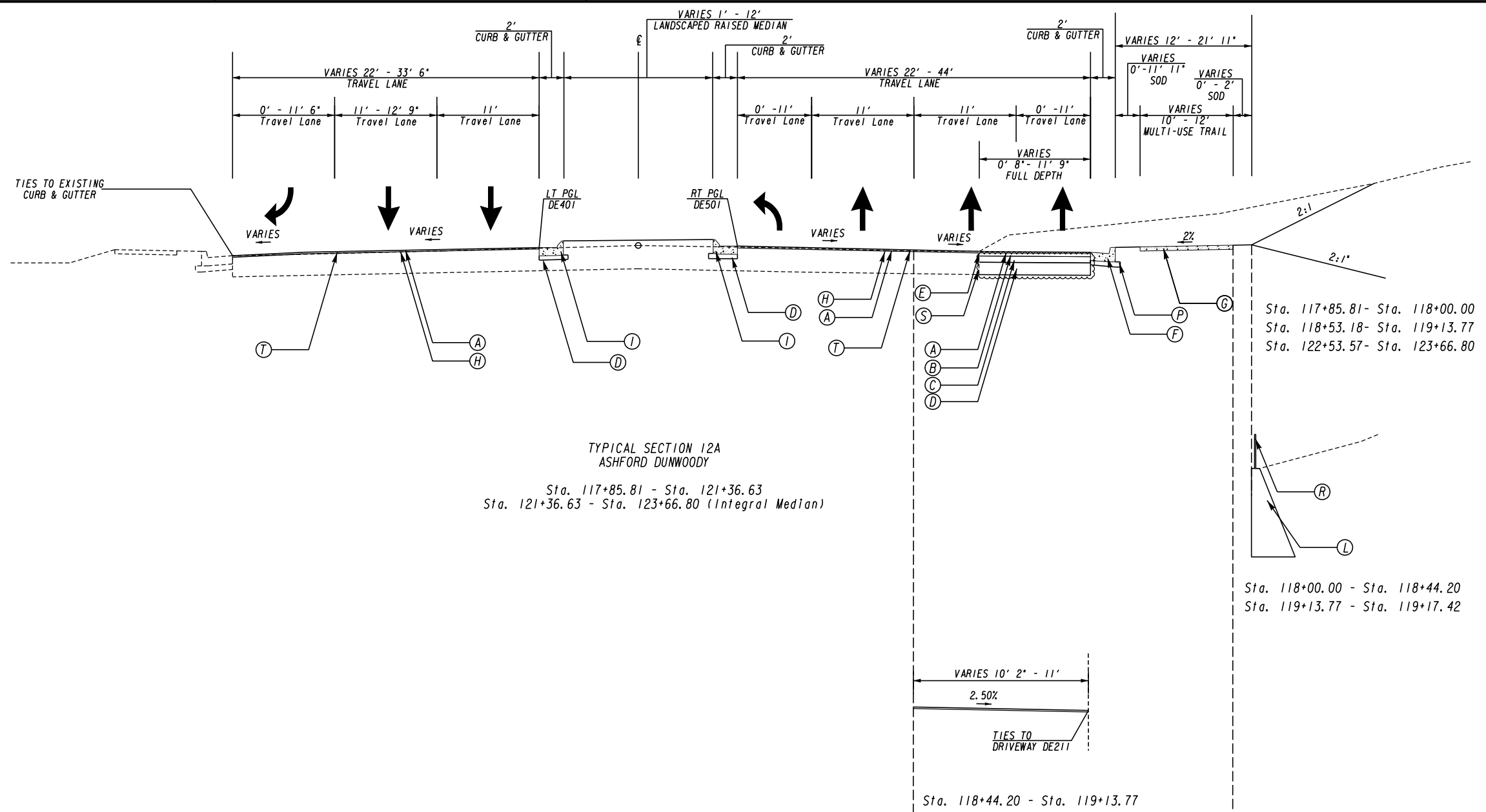
- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
- Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- Ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
- Ⓔ PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
- Ⓕ CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- Ⓖ CONC SIDEWALK, 4 IN
- Ⓗ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
- Ⓘ CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
- Ⓝ CONC HEADER CURB TP 2
- Ⓚ CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
- Ⓛ GRAVITY WALL FOR FLAT BACKFILL
- Ⓜ TYP-W GUARDRAIL
- Ⓨ TYP-W DOUBLE FACED GUARDRAIL
- Ⓞ GRANITE CURB, 5 IN X 16 IN, TP A
- Ⓟ GR AGGR BASE CRS, 6 INCH, INCL MATL
- Ⓠ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PC1D STD. FOR DETAILS
- Ⓡ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
- Ⓢ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

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| | | REVISION DATES | CENTRAL DEKALB PERIMETER CID | |
| | | ASHFORD DUNWOODY ROAD IMPROVEMENTS TYPICAL SECTIONS | | |
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TYPICAL SECTION 12A
ASHFORD DUNWOODY
Sta. 117+85.81 - Sta. 121+36.63
Sta. 121+36.63 - Sta. 123+66.80 (Integral Median)

- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
 - Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
 - Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
 - Ⓓ GR AGGR BASE CRS, 12 INCH, INCL MATL
 - Ⓔ PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
 - Ⓕ CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
 - Ⓖ CONC SIDEWALK, 4 IN
 - Ⓗ RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
 - Ⓘ CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
 - Ⓝ CONC HEADER CURB TP 2
 - Ⓚ CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
 - Ⓛ GRAVITY WALL FOR FLAT BACKFILL
 - Ⓜ TYP-W GUARDRAIL
 - Ⓨ TYP-W DOUBLE FACED GUARDRAIL
 - Ⓟ GRANITE CURB, 5 IN X 16 IN, TP A
 - Ⓠ GR AGGR BASE CRS, 6 INCH, INCL MATL
 - Ⓡ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PCID STD. FOR DETAILS
 - Ⓢ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
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NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

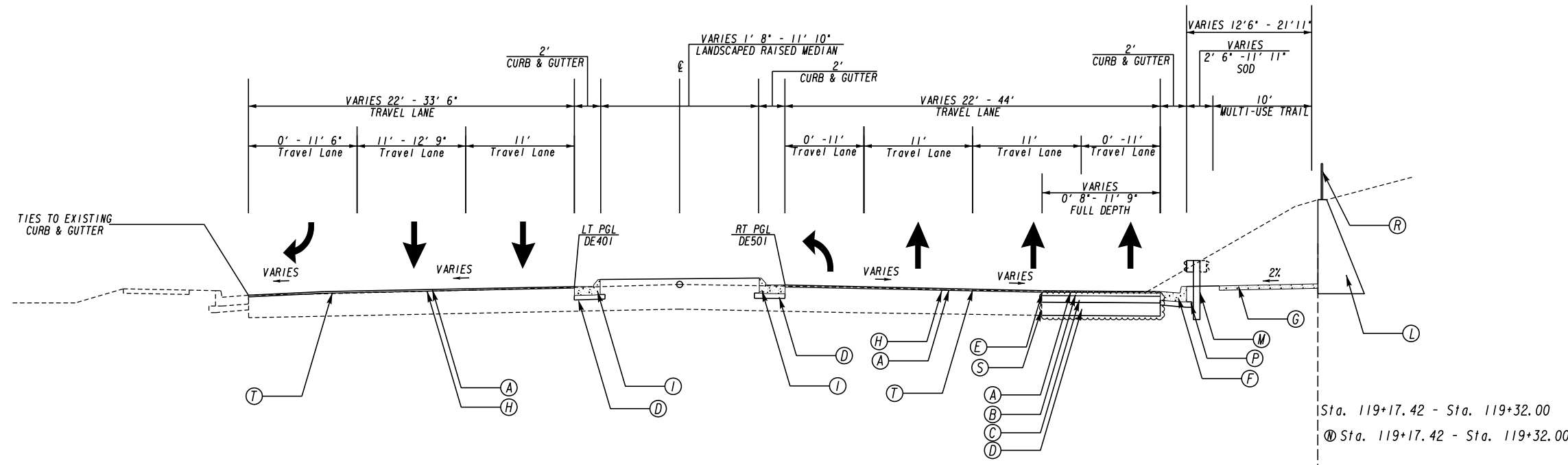


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REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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TYPICAL SECTION 12B
ASHFORD DUNWOODY
Sta. 117+5.81 - Sta. 121+36.63
Sta. 121+36.63 - Sta. 123+66.80 (Integral Median)

Sta. 119+17.42 - Sta. 119+32.00
Ⓣ Sta. 119+17.42 - Sta. 119+32.00

Sta. 119+32.00 - Sta. 120+02.69
Ⓣ Sta. 119+32.00 - Sta. 120+02.41

Sta. 120+02.69 - Sta. 120+81.86

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY
NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS
NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
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- Ⓒ 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
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- Ⓛ GRAVITY WALL FOR FLAT BACKFILL
- Ⓞ TYP-W GUARDRAIL
- Ⓟ TYP-W DOUBLE FACED GUARDRAIL
- Ⓠ GRANITE CURB, 5 IN X 16 IN, TP A
- Ⓡ GR AGGR BASE CRS, 6 INCH, INCL MATL
- Ⓢ BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PC1D STD. FOR DETAILS
- Ⓣ CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
- Ⓤ MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

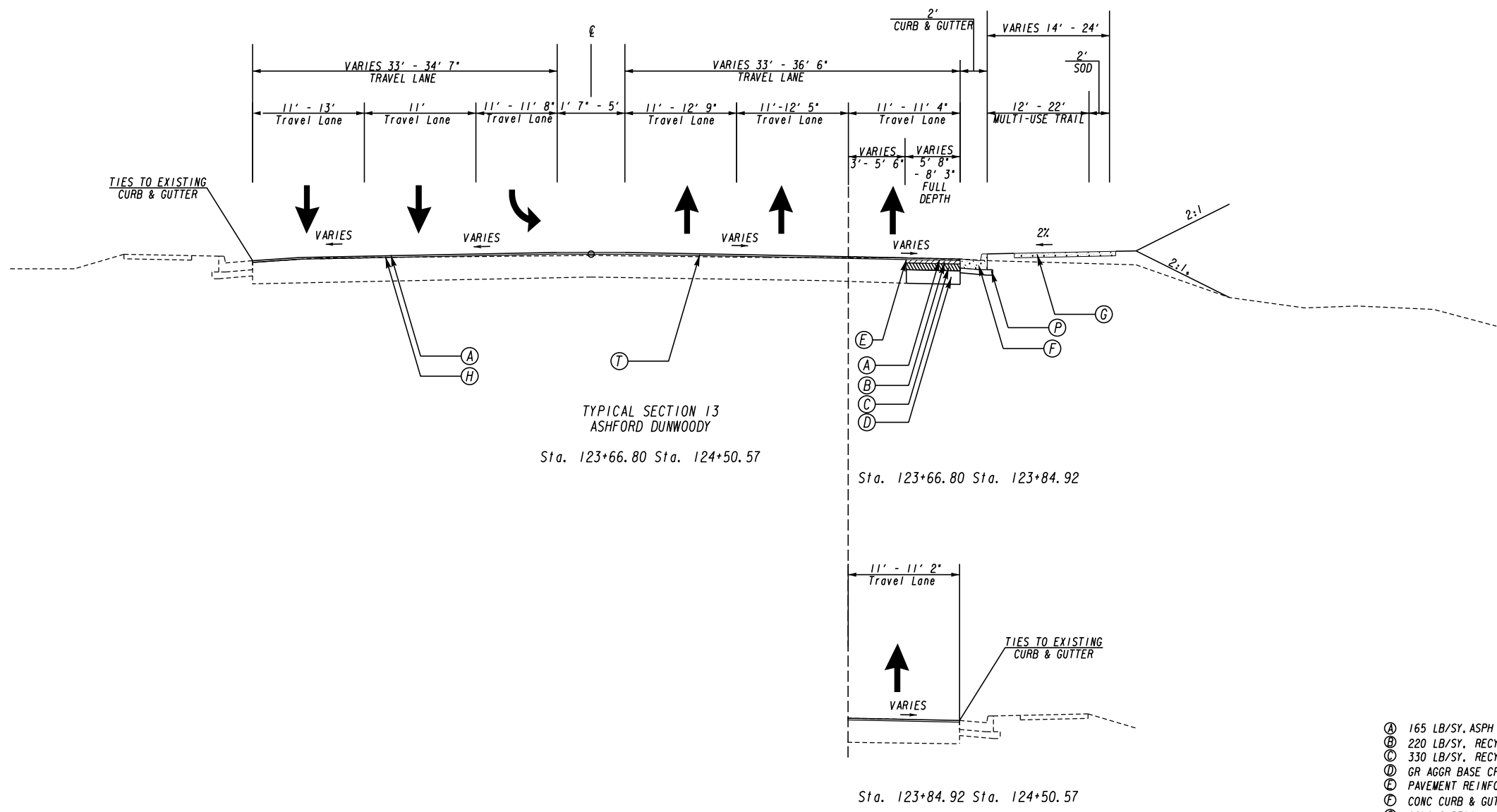


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REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

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- Ⓐ 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
- Ⓑ 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
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- Ⓛ GRAVITY WALL FOR FLAT BACKFILL
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- Ⓨ TYP-W DOUBLE FACED GUARDRAIL
- Ⓩ GRANITE CURB, 5 IN X 16 IN, TP A
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- * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'

NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY

NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS

NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

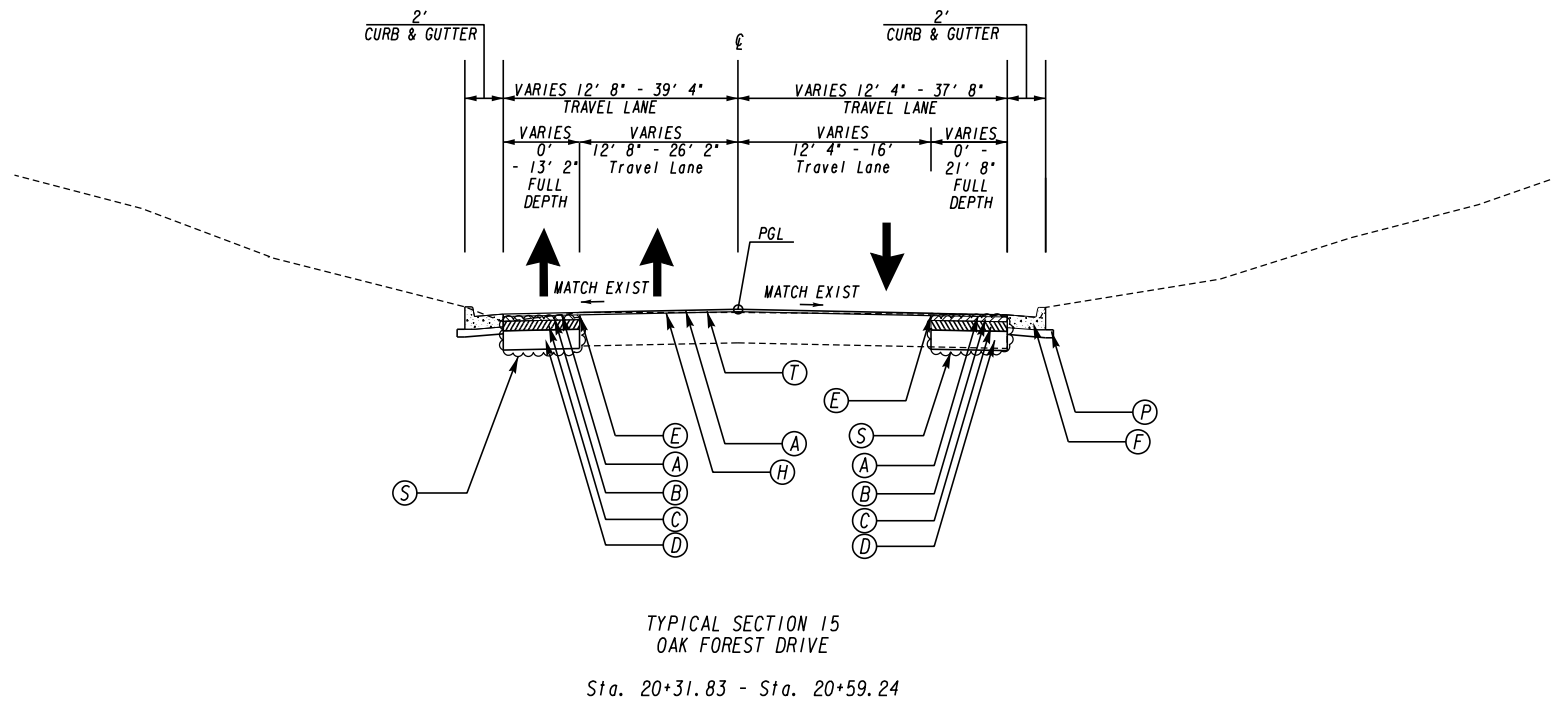
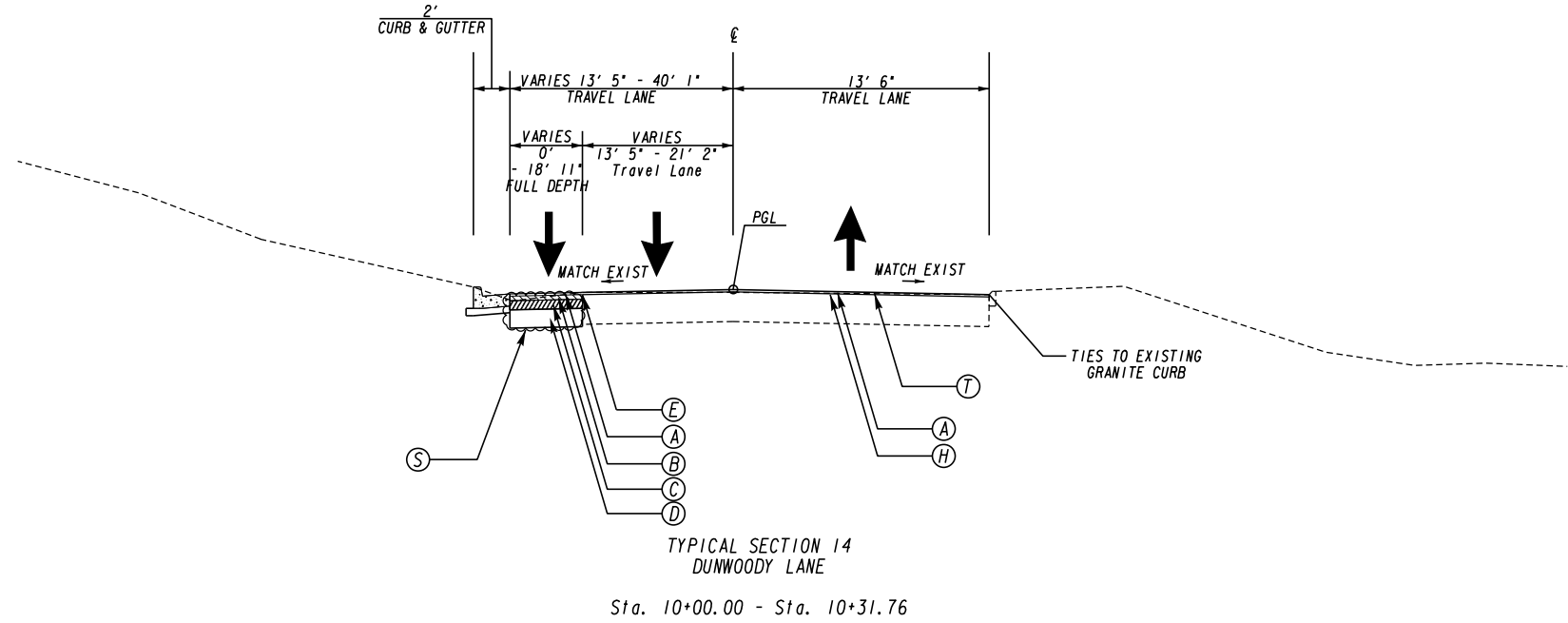


N. T. S

REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

| | | |
|--------------|-------|-------------|
| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 05-0009 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |



- (A) 165 LB/SY, ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME
 - (B) 220 LB/SY, RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
 - (C) 330 LB/SY, RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
 - (D) GR AGGR BASE CRS, 12 INCH, INCL MATL
 - (E) PAVEMENT REINFORCEMENT FABRIC 18" WIDE, CENTERED ON JOINT
 - (F) CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
 - (G) CONC SIDEWALK, 4 IN
 - (H) RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (AS NEEDED)
 - (I) CONC CURB & GUTTER, 6 IN X 24 IN, TP 7
 - (J) CONC HEADER CURB TP 2
 - (K) CLASS A CONCRETE RETAINING WALL, GA STD. 4949D
 - (L) GRAVITY WALL FOR FLAT BACKFILL
 - (M) TYP-W GUARDRAIL
 - (N) TYP-W DOUBLE FACED GUARDRAIL
 - (O) GRANITE CURB, 5 IN X 16 IN, TP A
 - (P) GR AGGR BASE CRS, 6 INCH, INCL MATL
 - (Q) BLACK POWDERCOAT, 4' HEIGHT HANDRAIL, SEE PCID STD. FOR DETAILS
 - (R) CLASS B CONCRETE USED WHEN WIDENING IS BETWEEN 0' AND 5'
 - (S) MILL ASPHALT CONCRETE PAVEMENT, VARIABLE DEPTH
 - * USE HANDRAIL FOR SLOPES AT 2:1 WHEN FILL EXCEEDS 2.5'
- NOTE: THE EXISTING SHOULDERS ARE TO BE REMOVED PRIOR TO WIDENING THE ROADWAY
- NOTE: * SEE ROADWAY PLAN FOR SE RATES AND TRANSITIONS
- NOTE: 20 FT MINIMUM OF VARIABLE DEPTH MILLING REQUIRED AT ALL TIE-INS TO EXISTING ASPHALT. THE CONTRACTOR SHALL PROVIDE A NEAT LINE FOR SURFACE ASPHALT PLACEMENT

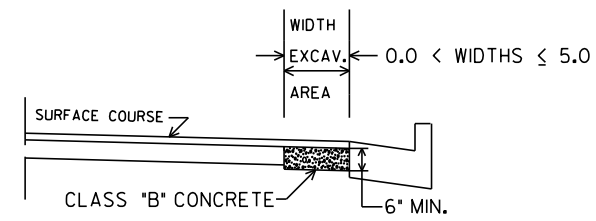


N. T. S

REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

| | | |
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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 05-0010 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |



NO SCALE
CLASS "B" CONCRETE BASE OR PAVEMENT WIDENING
Item Code 500-9999 - Cu. Yds.

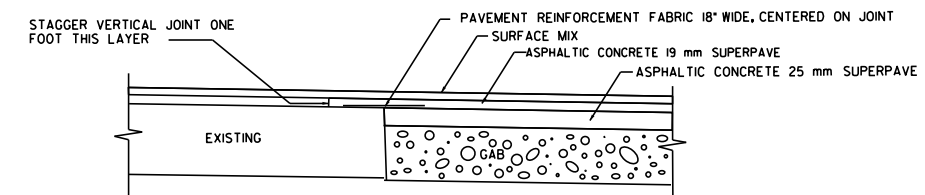
In excavated areas between the existing paving and new curb and gutter that are 5'-0" or less in width, Class "B" concrete shall be placed in lieu of the base and paving specified by the typical section. Payment will be made under "Class B Concrete Base and Pavement Widening".

In excavated areas greater than 5'-0" in width, the Contractor shall place base and paving as specified on the typical section.

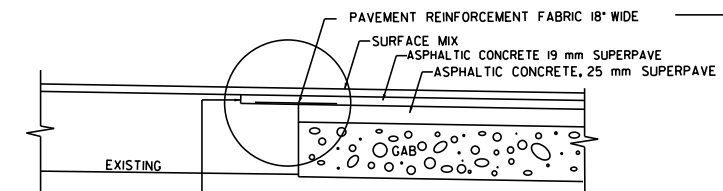
See plans for details of curb and gutter construction.

CLASS "B" CONCRETE BASE OR WIDENING DETAIL

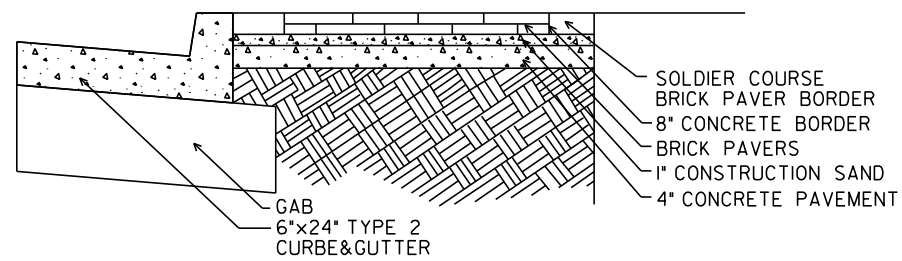
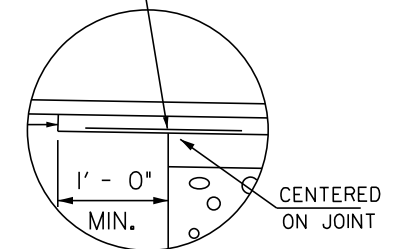
TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACED WITH TWO INCHES OR MORE OF ASPHALTIC CONCRETE



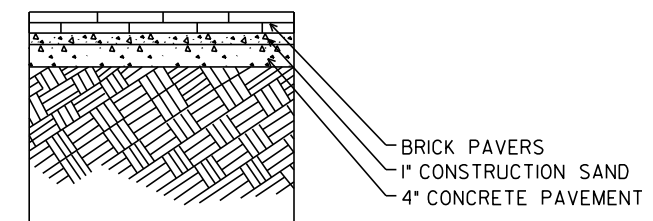
TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACED WITH LESS THAN TWO INCHES OF ASPHALTIC CONCRETE



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.



PLAZA AREA DETAILS



BRICK PAVERS WITH SAND

Item Code 900-0039 - S.Ft.



N. T. S

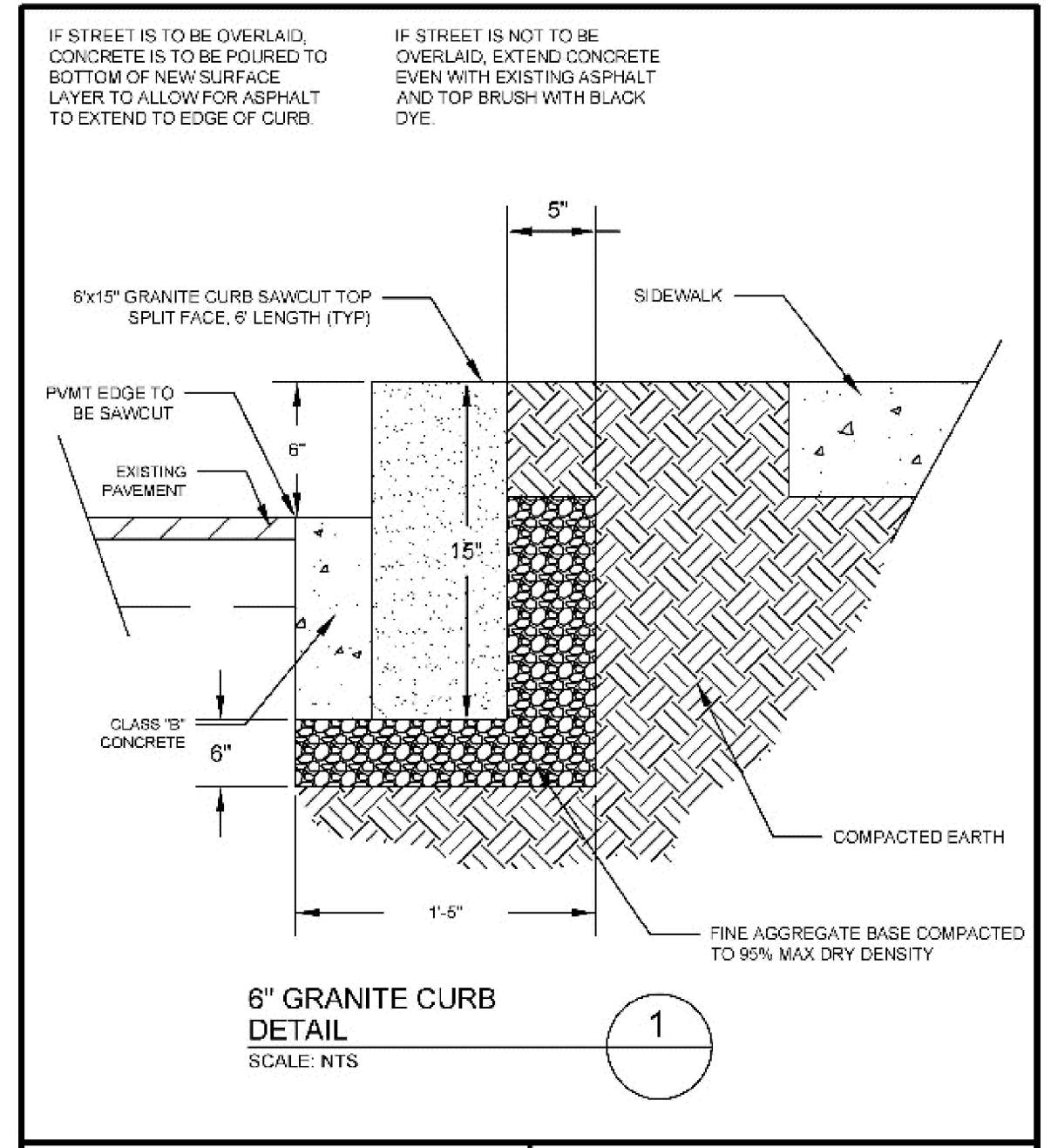
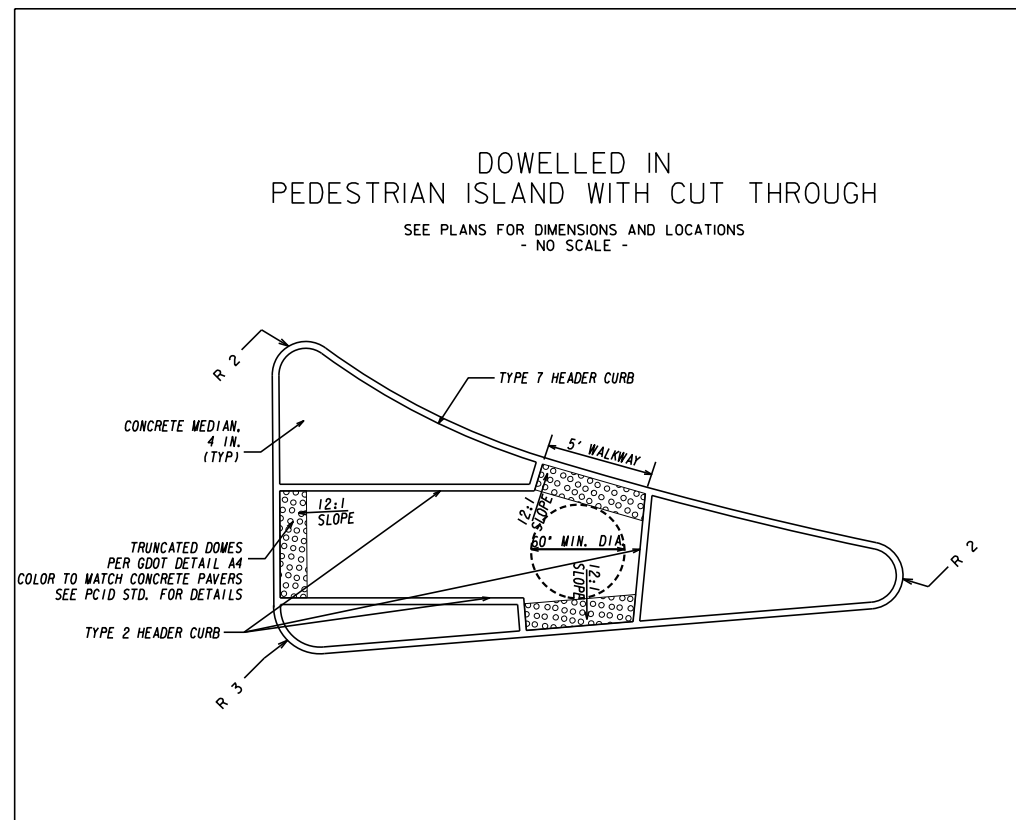
REVISION DATES

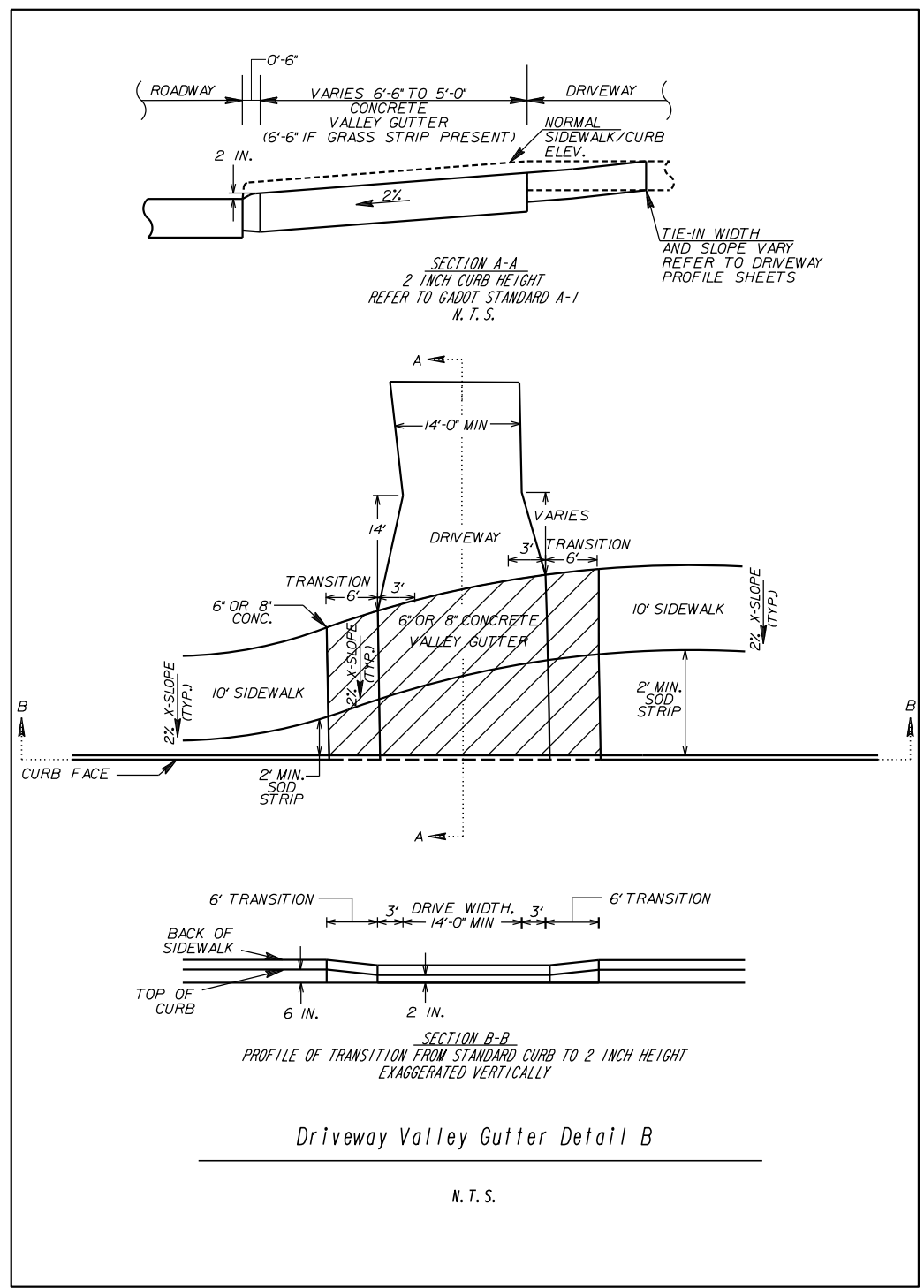
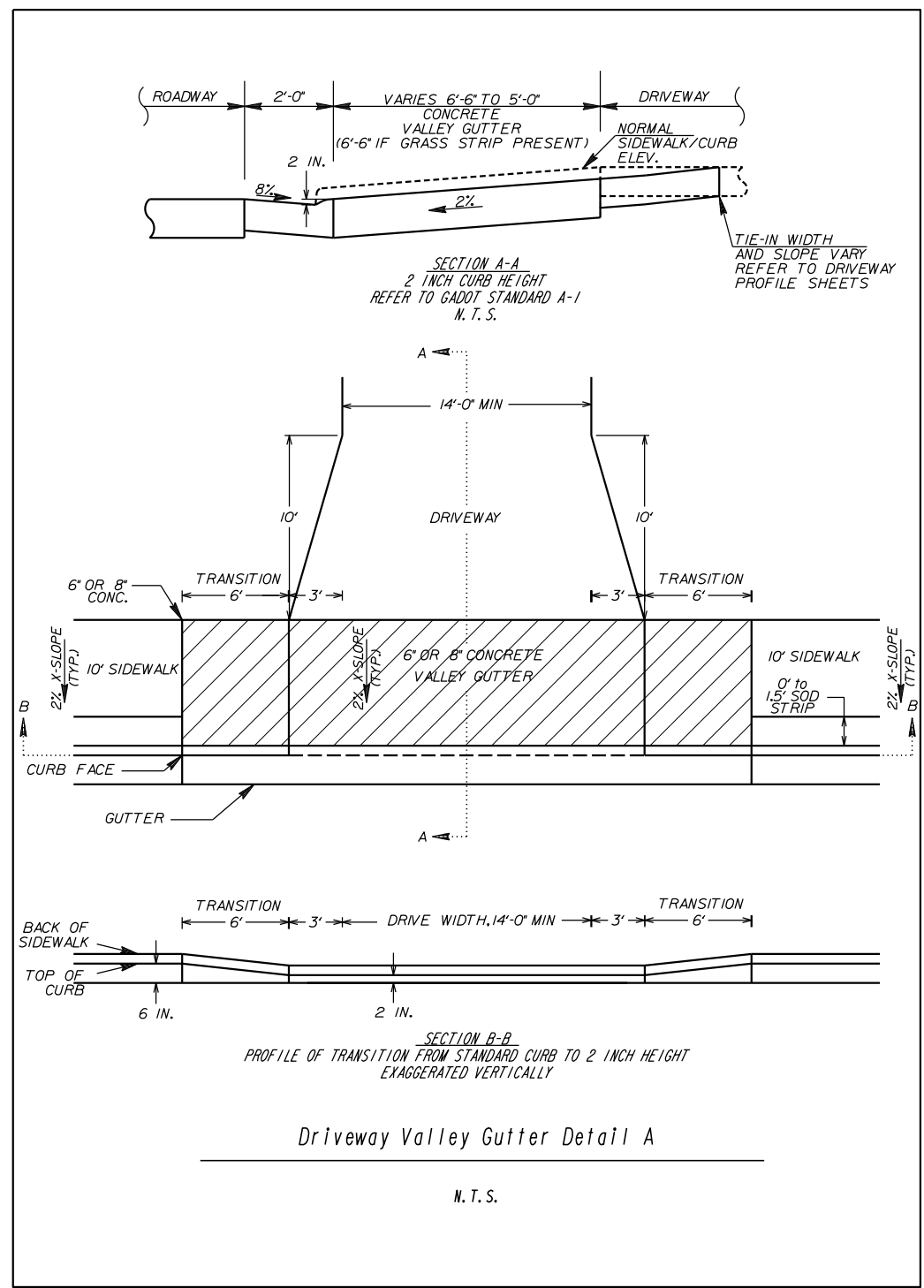
| NO. | DATE | DESCRIPTION |
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CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS TYPICAL SECTIONS

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 05-0011 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |





N. T. S

REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
TYPICAL SECTIONS

| | | |
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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 05-0013 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |

SUMMARY OF QUANTITIES

GRADING COMPLETE

TRAFFIC CONTROL

TOTAL LUMP SUM

TOTAL LUMP SUM

| | GR AGGR BASE CRS, INCL MATL | AGGR SURF CRS | RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME | RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME | RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME | RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME | RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME | TACK COAT | MILL ASPH CONC PVMT, VARIABLE DEPTH | DRIVEWAY CONCRETE, 6 IN TK | CONC SIDEWALK, 4 IN | CONC SIDEWALK, 6 IN | CONC SIDEWALK, 8 IN | CONCRETE MEDIAN, 4 IN | CONC VALLEY GUTTER, 6 IN | CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 | CONC CURB & GUTTER, 6 IN X 24 IN, TP 7 | CONC HEADER CURB 6 IN, TP 2 | STRAIGHT GRANITE CURB, 5 IN X 16 IN, TP A | CIRCULAR GRANITE CURB, 5 IN X 17 IN, TP A | PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH | CLASS B CONC, BASE OR PVMT WIDENING | STAMPED ASPHALT | BRICK PAVERS WITH SAND | PRECAST BUMPER BLOCK | RIGHT OF WAY MARKERS | DECORATIVE HANDRAIL SPECIAL DESIGN |
|----------------------|-----------------------------|---------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------|-------------------------------------|----------------------------|---------------------|---------------------|---------------------|-----------------------|--------------------------|----------------------------------------|----------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------|-----------------|------------------------|----------------------|----------------------|------------------------------------|
| ALIGNMENT | TN | TN | TN | TN | TN | TN | TN | GL | SY | SY | SY | SY | SY | SY | SY | LF | LF | LF | LF | LF | LF | CY | SY | SF | EA | EA | LF |
| ASHFORD DUNWOODY RD | 1914 | -- | -- | 79 | 212 | 1040 | 141 | 835 | 3219 | -- | 2229 | 3 | 100 | 33 | -- | 2166 | 1666 | -- | 674 | 34 | 1199 | 21 | 634 | 2261 | 40 | 33 | 996 |
| DUNWOODY LANE | 52 | -- | -- | 4 | 10 | 17 | 7 | 16 | -- | -- | -- | -- | 4 | -- | 4 | -- | -- | -- | -- | 55 | 1 | -- | -- | -- | -- | -- | -- |
| OAK FOREST DR | 33 | -- | -- | -- | -- | 9 | -- | 7 | -- | -- | -- | 3 | 69 | -- | 85 | -- | -- | -- | -- | -- | 5 | 42 | 162 | -- | 2 | -- | |
| DRIVEWAYS | 133 | 181 | -- | -- | -- | 36 | 28 | 26 | -- | 490 | -- | -- | -- | -- | 520 | -- | -- | 27 | -- | -- | 5 | -- | -- | -- | -- | -- | |
| SUBTOTAL | 2132 | 181 | -- | 83 | 222 | 1102 | 176 | 884 | 3219 | 490 | 2229 | 6 | 173 | 33 | 520 | 2255 | 1666 | 27 | 674 | 34 | 1254 | 32 | 676 | 2423 | 40 | 35 | 996 |
| DIRECTED BY ENGINEER | 168 | 119 | 100 | 5 | 18 | 98 | 14 | 46 | 181 | 30 | 171 | 1 | 17 | 2 | 30 | 145 | 134 | 2 | 36 | 2 | 146 | 2 | 34 | 177 | 2 | 2 | 104 |
| TOTAL | 2300 | 300 | 100 | 88 | 240 | 1200 | 190 | 930 | 3400 | 520 | 2400 | 7 | 190 | 35 | 550 | 2400 | 1800 | 29 | 710 | 36 | 1400 | 34 | 710 | 2600 | 42 | 37 | 1100 |

SUMMARY OF DRIVEWAY QUANTITIES *

| LOCATION | WIDTH | AGGR SURF CRS | RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME | RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME | GR AGGR BASE CRS, INCL MATL | DRIVEWAY CONCRETE, 6 IN TK | TACK COAT | CONC VALLEY GUTTER, 6 IN | CONC VALLEY GUTTER, 8 IN | CLASS B CONC, BASE OR PVMT WIDENING | CONC HEADER CURB 6 IN, TP 2 |
|------------------------------------------|-------|---------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|----------------------------|-----------|--------------------------|--------------------------|-------------------------------------|-----------------------------|
| STATION & SIDE | LF | TN | TN | TN | TN | SY | GL | SY | SY | TN | TN |
| 102+31 RT | 15 | 33 | -- | -- | -- | 89 | -- | 45 | -- | -- | -- |
| 103+35 RT | 14 | 16 | -- | -- | -- | 43 | -- | 71 | -- | -- | -- |
| 104+12 RT | 14 | 18 | -- | -- | -- | 50 | -- | 45 | -- | -- | -- |
| 105+63 RT | 14 | 12 | -- | -- | -- | 31 | -- | 45 | -- | -- | -- |
| 106+41 RT | 23 | 13 | -- | -- | -- | 36 | -- | 48 | -- | -- | -- |
| 107+76 RT | 14 | 16 | -- | -- | -- | 43 | -- | 48 | -- | -- | -- |
| 108+36 RT | 15 | 15 | -- | -- | -- | 39 | -- | 61 | -- | -- | -- |
| 108+73 RT | 14 | 24 | -- | -- | -- | 66 | -- | 58 | -- | -- | 12 |
| 111+77 RT | 17 | 24 | -- | -- | -- | 65 | -- | 48 | -- | -- | -- |
| 112+62 RT | 14 | 10 | -- | -- | -- | 28 | -- | 51 | -- | -- | 15 |
| 118+76 RT | 43 | -- | 15 | -- | 17 | -- | 11 | -- | -- | 5 | -- |
| PARKING AREA (119+07.08 TO 122+49.43 RT) | -- | -- | 21 | 28 | 116 | -- | 15 | -- | -- | 5 | -- |
| SUBTOTAL | | 181 | 36 | 28 | 133 | 490 | 26 | 520 | -- | 5 | 27 |
| TOTAL | | 181 | 36 | 28 | 133 | 490 | 26 | 520 | -- | 5 | 27 |

GUARDRAIL QUANTITIES

| GUARDRAIL, TP W | | ANCHORAGES | |
|-----------------------------------------|--------|------------|---------|
| LOCATION & SIDE | LIN FT | TP 1* | TP 12A+ |
| ASHFORD DUNWOODY RD 116+46 TO 116+76 RT | 30 | -- | -- |
| ASHFORD DUNWOODY RD 120+02 TO 120+82 RT | 79 | -- | -- |
| TOTAL | 110 | -- | -- |
| DBL FACED GUARDRAIL, TP W | | ANCHORAGES | |
| LOCATION & SIDE | LIN FT | TP 1* | TP 12A+ |
| ASHFORD DUNWOODY RD 114+41 TO 116+46 RT | 205 | -- | -- |
| ASHFORD DUNWOODY RD 119+17 TO 120+02 RT | 85 | -- | -- |
| TOTAL | 290 | -- | -- |

GRAVITY WALL

| CLASS B CONCRETE | |
|------------------|-----|
| WALL NO. | QTY |
| | CY |
| 1 | 35 |
| 2 | 34 |
| 3 | 33 |
| 4 | 21 |
| 5 | 53 |
| 6 | 22 |
| 7 | 5 |
| 8 | 41 |
| TOTAL | 244 |

SOD

| | UNIT | QTY. |
|-------|------|------|
| TOTAL | SY | 2500 |

WOOD FENCE - 6 IN

| | UNIT | QTY. |
|-------|------|------|
| TOTAL | LF | 42 |

PARAPET RETAINING WALL

| | WALL #1 |
|-------------------------------------------|---------|
| CLASS A CONCRETE, TYPE P1, RETAINING WALL | 24 |
| CLASS A CONCRETE, TYPE P2, RETAINING WALL | 134 |
| CLASS A CONCRETE, TYPE P3, RETAINING WALL | 46 |

* TOTALS ARE INCLUDED IN THE SUMMARY OF ROADWAY QUANTITIES



REVISION DATES

| NO. | DATE | DESCRIPTION |
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CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS SUMMARY QUANTITIES

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

SUMMARY OF QUANTITIES

| | TEMPORARY SILT FENCE, TYPE C | CONSTRUCT AND REMOVE INLET SEDIMENT TRAP | CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE | EROSION CONTROL MATS, SLOPES | MAINTENANCE OF TEMPORARY SILT FENCE, TPC | MAINTENANCE OF INLET SEDIMENT TRAP | MAINTENANCE OF CHECK DAMS - ALL TYPES |
|-----------------------------|------------------------------|------------------------------------------|-----------------------------------------------------------|------------------------------|------------------------------------------|------------------------------------|---------------------------------------|
| | LF | EA | EA | SY | LF | EA | LF |
| | 1392 | 38 | 8 | 484 | 696 | 38 | 4 |
| SUBTOTAL | 1392 | 38 | 8 | 484 | 696 | 38 | 4 |
| DIRECTED BY ENGINEER | 108 | - | 1 | 26 | 44 | - | 1 |
| TOTAL | 1500 | 38 | 9 | 510 | 740 | 38 | 5 |

| 4" CONCRETE V-DITCH PAVING | | |
|----------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | SY | 164 |

| WATER QUALITY MONITORING AND SAMPLING | | |
|---------------------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | EA | 6 |

| WATER QUALITY INSPECTIONS | | |
|---------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | MO | 6 |

| V-DITCH RIP RAP TYPE III, 18 IN | | |
|---------------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | SY | 115 |

| V-DITCH FILTER FABRIC TYPE III, 18 IN | | |
|---------------------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | SY | 115 |

| CLASS B CONCRETE WITH REINFORCEMENT | | |
|-------------------------------------|------|------|
| | UNIT | QTY. |
| STA 116+81 | CY | 0.9 |
| STA 117+20 | CY | 0.9 |
| TOTAL | CY | 1.8 |

| TEMPORARY GRASSING | | |
|--------------------|------|------|
| | UNIT | QTY. |
| TOTAL | AC. | 4 |

| AGRICULTURAL LIME | | |
|-------------------|------|------|
| | UNIT | QTY. |
| TOTAL | TN | 4 |

| CONSTRUCTION EXIT | | |
|-------------------|------|------|
| | UNIT | QTY. |
| TOTAL | EA | 2 |

| PERMANENT GRASSING | | |
|--------------------|------|------|
| | UNIT | QTY. |
| TOTAL | AC. | 2 |

| FERTILIZER MIXED GRADE | | |
|------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | TN | 2 |

| MAINTENANCE OF CONSTRUCTION EXIT | | |
|----------------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | EA | 2 |

| MULCH | | |
|-------|------|------|
| | UNIT | QTY. |
| TOTAL | TON | 50 |

| FERTILIZER NITROGEN CONTENT | | |
|-----------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | LB | 100 |

| MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH ASSEMBLY | | |
|-----------------------------------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | EA | 1 |

| CONSTRUCT AND REMOVE STONE FILTER RING | | |
|----------------------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | EA | 1 |

| FILTER RING MAINTENANCE | | |
|-------------------------|------|------|
| | UNIT | QTY. |
| TOTAL | EA | 1 |

| FLOWABLE FILL | | |
|---------------|------|------|
| | UNIT | QTY. |
| STA 116+81 | CY | 6 |
| STA 117+20 | CY | 33 |
| TOTAL | CY | 39 |



REVISION DATES

CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS
SUMMARY QUANTITIES

| | | |
|--------------|-------|-------------|
| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 06-0002 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |

SUMMARY OF QUANTITIES

| STRUCTURE NUMBER | CATCH BASINS GP 1 | | | | DROP INLETS GP 1 | | | | | | MANHOLE GA. STD. 1011A | | | GDOT STD 1001B | STN DUMPED RIP RAP, TP 1, 18 IN | PLASTIC FILTER FABRIC | PROFILE DRAINAGE SHEET NUMBER | | | | | | | |
|----------------------|--------------------|-----------------------|-------------------------|--------------|------------------|--------------|--------------|---------------|--------------|----|------------------------|----------------------|----------------------|----------------|---------------------------------|-----------------------|-------------------------------|--|---|---|---|---|----|------|
| | | | | | | | | | | | TYPE I | | | | | | | | | | | | | |
| | | | | | | | | | | | 6' 0" OR LESS | ADDITL DEPTH CLASS 1 | ADDITL DEPTH CLASS 2 | | | | | | | | | | | |
| LOCATION | 18 INCH STORMDRAIN | APPROX. GRADE OF PIPE | ADJUST MANHOLE TO GRADE | GA STD 1033D | GA STD 1033F | GA STD 1034D | GA STD 9031S | GA STD 1019 B | GA STD 9031S | EA | LF | LF | LF | SY | SY | A | | | | | | | | |
| A-1 | 103+92 | 18' RT | 35 | 0.86% | | | | | | | | | | 1 | 0 | | | | | | | 1 | | |
| A-2 | 105+00 | 18' RT | 110 | 0.78% | | | | | | | | | | | | | | | | | | | 1 | |
| A-3 | 105+83 | 18' RT | 84 | 1.96% | | | | 1 | 0 | | | | | | | | | | | | | | 1 | |
| A-4 | 107+42 | 17' RT | 159 | 3.79% | | | | 1 | 0 | | | | | | | | | | | | | | 1 | |
| B-1 | 110+76 | 16' RT | 15 | 1.78% | | | | 1 | 3.85 | | | | | | | | | | | | | | 1 | |
| B-2 | 111+46 | 19' RT | 71 | 3.44% | | | | 1 | 0.52 | | | | | | | | | | | | | | 1 | |
| B-3 | 112+82 | 32' RT | 136 | 3.79% | | | | 1 | 0 | | | | | | | | | | | | | | 1 | |
| B-4 | 113+65 | 31' RT | 84 | 0.84% | | | | | | | | | 1 | 0 | | | | | | | | | 1 | |
| B-5 | 114+54 | 34' RT | 85 | 0.79% | | | | | | | | | 1 | 0 | | | | | | | | | 1 | |
| B-1A | 110+76 | 30' RT | | | | | | | | | | | | | | | | | 1 | 6 | 6 | | 2 | |
| B-6 | 114+60 | 54' RT | 21 | 10.47% | | | | | | | | | | | 1 | 0 | | | | | | | 2 | |
| C-1 | 115+50 | 01' RT | 52 | 1.75% | | | | | | | | | 1 | 0 | | | | | | | | | 2 | |
| C-2 | 115+92 | 42' RT | 84 | 0.50% | | | | 1 | 0 | | | | | | | | | | | | | | 2 | |
| C-3 | 116+02 | 04' LT | 70 | 1.20% | | | | | | | | | 1 | 0 | | | | | | | | | 2 | |
| C-4 | 116+72 | 02' LT | 84 | 1.56% | | | | | | | | | 1 | 0.43 | | | | | | | | | 2 | |
| C-5 | 116+72 | 40' RT | 85 | 2.66% | | | | | | 1 | | | | | | | | | | | | | 2 | |
| C-6 | 116+60 | 35' LT | | | | | | | | | | | 1 | 0 | | | | | | | | | 2 | |
| C-8 | 117+54 | 39' RT | 22 | 0.91% | | | | 1 | 1.45 | | | | | | | | | | | | | | 2 | |
| C-9 | 117+56 | 01' RT | | | | | | | | | | | | | 1 | | 6.80 | | | | | | 2 | |
| C-7 | 117+36 | 64' RT | 31 | 0.90% | | | | | | | | | | | 1 | 0 | | | | | | | 3 | |
| EX-6 | 117+55 | 20' RT | | | 1 | | | | | | | | | | | | | | | | | | 3 | |
| C-10 | 117+88 | 03' RT | 33 | 1.84% | | | | 1 | 0 | | | | | | | | | | | | | | 3 | |
| C-11 | 118+40 | 04' RT | 52 | 1.60% | | | | 1 | 0 | | | | | | | | | | | | | | 3 | |
| D-1 | 121+29 | 34' LT | 109 | 5.53% | | | | | | | | | 1 | 0 | | | | | | | | | 3 | |
| D-2A | 122+38 | 34' LT | | | | | | | | | | | 1 | 0.16 | | | | | | | | | 3 | |
| D-2 | 122+39 | 10' LT | | | | | | | | | | | 1 | 1.14 | | | | | | | | | 3 | |
| EX-9 | 122+40 | 33' RT | | | 1 | | | | | | | | | | | | | | | | | | 3 | |
| D-3 | 122+39 | 42' RT | 9 | 1.02% | | | | 1 | 0 | | | | | | | | | | | | | | 4 | |
| D-4 | 123+02 | 10' LT | 62 | 7.22% | | | | | | | | | 1 | 0 | | | | | | | | | 4 | |
| D-6 | 123+64 | 10' LT | 57 | 6.98% | | | | | | | | | 1 | 0 | | | | | | | | | 4 | |
| D-5 | 123+72 | 38' LT | 27 | 1.77% | | | | | | | | | 1 | 0 | | | | | | | | | 4 | |
| D-7 | 123+64 | 46' RT | | | | | | 1 | 1.08 | | | | | | | | | | | | | | 4 | |
| E-1 | 108+47 | 26' LT | | | | | | | | | | | | | 1 | 0 | | | | | | | 4 | |
| E-2 | 108+65 | 38' LT | 23 | 5.93% | | | | | | | | | 1 | 0 | | | | | | | | | 4 | |
| PROJECT SUBTOTAL | | | 1600 | 1 | 2 | 9 | 7 | 3 | | 1 | 1 | | 12 | 2 | 2 | | 3 | | 7 | | 6 | 6 | 81 | |
| DIRECTED BY ENGINEER | | | 100 | | | | | | | | | | | | | | | | | | | 2 | 2 | (81) |
| PROJECT TOTAL | | | 1700 | 1 | 2 | 9 | 7 | 3 | | 1 | 1 | | 12 | 2 | 2 | | 3 | | 7 | | 8 | 8 | | |



REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
SUMMARY QUANTITIES

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 06-0003 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |

SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES - PAVEMENT MARKINGS | | | | |
|-------------------------------------------|------|----------|---------------|-----------|
| TRAFFIC STRIPE | | | | |
| DESCRIPTION | UNIT | QUANTITY | | |
| | | PAINT | THERMOPLASTIC | PREFORMED |
| SOLID TRAF STRIPE, 5 IN, WHITE | LF | - | 5000 | -- |
| SOLID TRAF STRIPE, 5 IN, YELLOW | LF | - | 4745 | -- |
| SOLID TRAF STRIPE, 12 IN, WHITE | LF | - | 1538 | -- |
| SOLID TRAF STRIPE, 24 IN, WHITE | LF | - | 285 | -- |
| SOLID TRAF STRIPE, 8 IN, WHITE | LF | - | 815 | -- |
| SKIP TRAF STRIPE, 5 IN, WHITE | GLF | - | 2308 | -- |
| SKIP TRAF STRIPE, 5 IN, YELLOW | GLF | - | 231 | -- |
| TRAF STRIPING, WHITE | SY | - | 98 | -- |
| TRAF STRIPING, YELLOW | SY | - | 171 | -- |

| SUMMARY OF QUANTITIES - PAVEMENT MARKINGS | | | | |
|-------------------------------------------|------|----------|---------------|-----------|
| ARROWS | | | | |
| DESCRIPTION | UNIT | QUANTITY | | |
| | | PAINT | THERMOPLASTIC | PREFORMED |
| ARROW, TP 2 | EA | -- | 12 | -- |

| RAISED PAVEMENT MARKERS | | |
|-------------------------|------|----------|
| DESCRIPTION | UNIT | QUANTITY |
| TP 1, YELLOW | EA | 86 |
| TP 3, CLEAR/RED | EA | 151 |

| SUMMARY OF QUANTITIES - PAVEMENT MARKINGS | | | | |
|-------------------------------------------|------|----------|---------------|-----------|
| WORDS | | | | |
| DESCRIPTION | UNIT | QUANTITY | | |
| | | PAINT | THERMOPLASTIC | PREFORMED |
| WORD, TP 3A | EA | - | 1 | -- |
| TP 5, INTERSTATE SHIELD | EA | - | 2 | -- |
| WORD, TP 22 | EA | - | 1 | -- |
| WORD, TP 21 | EA | - | 1 | -- |

| SUMMARY OF QUANTITIES - STANDARD SIGNS | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------|----------------------------|--------|------------------------------------|-----|--------|-----------|---------------|--------|-----------|-----|-------------------------------------|-----------|-----|--------|---------------|-----|--------------|-------------|------------------|--------------|-----------------|-----|-----------------------------|-------------------------|--|
| STATION | DESCRIPTION | CODE | SIGNS (TYPE 9 REFLECTIVE SHEETING) | | | | | | | | SIGNS (TYPE 11 REFLECTIVE SHEETING) | | | | | | | | SQUARE TUBE POST | | | | BREAKAWAY SIGN SUPPORT EACH | | |
| | | | 636-1033 TYPE 1 (0.08) | | | | TYPE 2 (0.10) | | | | 636-1036 TYPE 1 (0.08) | | | | TYPE 2 (0.10) | | | | 636-2070 TYPE 7 | | 636-2080 TYPE 8 | | | TYPE 8 W/ TYPE 9 INSERT | |
| | | | SIZE (in) | QYT | SQ FT. | SIZE (in) | QYT | SQ FT. | SIZE (in) | QYT | SQ FT. | SIZE (in) | QYT | SQ FT. | LENGTH FEET | QYT | TOTAL LENGTH | LENGTH FEET | QYT | TOTAL LENGTH | LENGTH FEET | QYT | | TOTAL LENGTH | |
| Ashford Dunwoody Rd | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108+17 | Yield | R1-2 | | | | | | | | | | | | | | | | | | | | | | | |
| 109+44 | School Crossing | S1-1 | 36 | X | 36 | 1 | 9.00 | | | | | | | | | | | | | | | | | | |
| 109+44 | Ahead | W16-9P | | | | | | | | | | | | | | | | | | | | | | | |
| 113+25 | Right Lane Ends | W4-2R | | | | | | | | | | | | | | | | | | | | | | | |
| 114+60 | Keep Right | R4-7 | 24 | X | 30 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 114+63 | Lane Ends Merge Left | W9-2L | | | | | | | | | | | | | | | | | | | | | | | |
| 116+30 | Right Lane Ends | W9-1R | | | | | | | | | | | | | | | | | | | | | | | |
| 116+68 | Keep Right | R4-7 | 24 | X | 30 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 117+90 | Keep Right | R4-7 | 24 | X | 30 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 118+54 | Do Not Enter | R5-1 | | | | | | | | | | | | | | | | | | | | | | | |
| 118+85 | One Way Right | R6-2R | 24 | X | 30 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 121+39 | Reverse Curve (Left) | W1-4L | | | | | | | | | | | | | | | | | | | | | | | |
| 121+39 | Advisory Speed (20 MPH) | W13-1 | | | | | | | | | | | | | | | | | | | | | | | |
| 121+66 | One Way Right | R6-2R | 24 | X | 30 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 121+25 | Stop | R1-1 | | | | | | | | | | | | | | | | | | | | | | | |
| 121+25 | No Left Turn | R3-2 | 24 | X | 24 | 1 | 4.00 | | | | | | | | | | | | | | | | | | |
| 121+79 | No Pedestrians | R9-3 | 12 | X | 18 | 1 | 1.50 | | | | | | | | | | | | | | | | | | |
| 121+79 | Use Crosswalk | R9-3B | 18 | X | 12 | 1 | 1.50 | | | | | | | | | | | | | | | | | | |
| 122+22 | Do Not Enter | R5-1 | | | | | | | | | | | | | | | | | | | | | | | |
| 122+25 | Interstate Route (285) | M1-1 | 30 | X | 24 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 122+25 | Junction | M2-1 | 21 | X | 15 | 1 | 2.20 | | | | | | | | | | | | | | | | | | |
| 123+58 | Keep Right | R4-7 | 24 | X | 30 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 123+60 | East | M3-2 | 24 | X | 21 | 1 | 3.50 | | | | | | | | | | | | | | | | | | |
| 123+60 | Interstate Route (285) | M1-1 | 30 | X | 24 | 1 | 5.00 | | | | | | | | | | | | | | | | | | |
| 123+60 | Advance Turn Arrow (Right) | M5-2R | 21 | X | 15 | 1 | 2.20 | | | | | | | | | | | | | | | | | | |
| PROJECT TOTAL | | | | | | | 15 | 64.00 | | | | | | | | | | | | | | | | | |

| SUMMARY OF QUANTITIES | | |
|-----------------------------------------------|------|----------|
| TRAFFIC SIGNAL INSTALLATION | | |
| DESCRIPTION | UNIT | QUANTITY |
| DIRECTIONAL BORE - 7 IN | LF | 393 |
| HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9 | SF | 52.5 |
| TRAFFIC SIGNAL INSTALLATION NO. 1 | LS | 1 |
| TRAFFIC SIGNAL INSTALLATION NO. 2 | LS | 1 |
| TRAFFIC SIGNAL INSTALLATION NO. 3 | LS | 1 |
| STEEL STRAIN POLE TP IV W/ 60' MAST ARM | EA | 2 |
| STEEL STRAIN POLE TP IV W/ 55' MAST ARM | EA | 1 |



REVISION DATES

CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS

SUMMARY QUANTITIES

| | | |
|--------------------|-------------|-------------------------------|
| CHECKED: _____ | DATE: _____ | DRAWING No. 06-0004 |
| BACKCHECKED: _____ | DATE: _____ | |
| CORRECTED: _____ | DATE: _____ | |
| VERIFIED: _____ | DATE: _____ | |

SUMMARY OF QUANTITIES

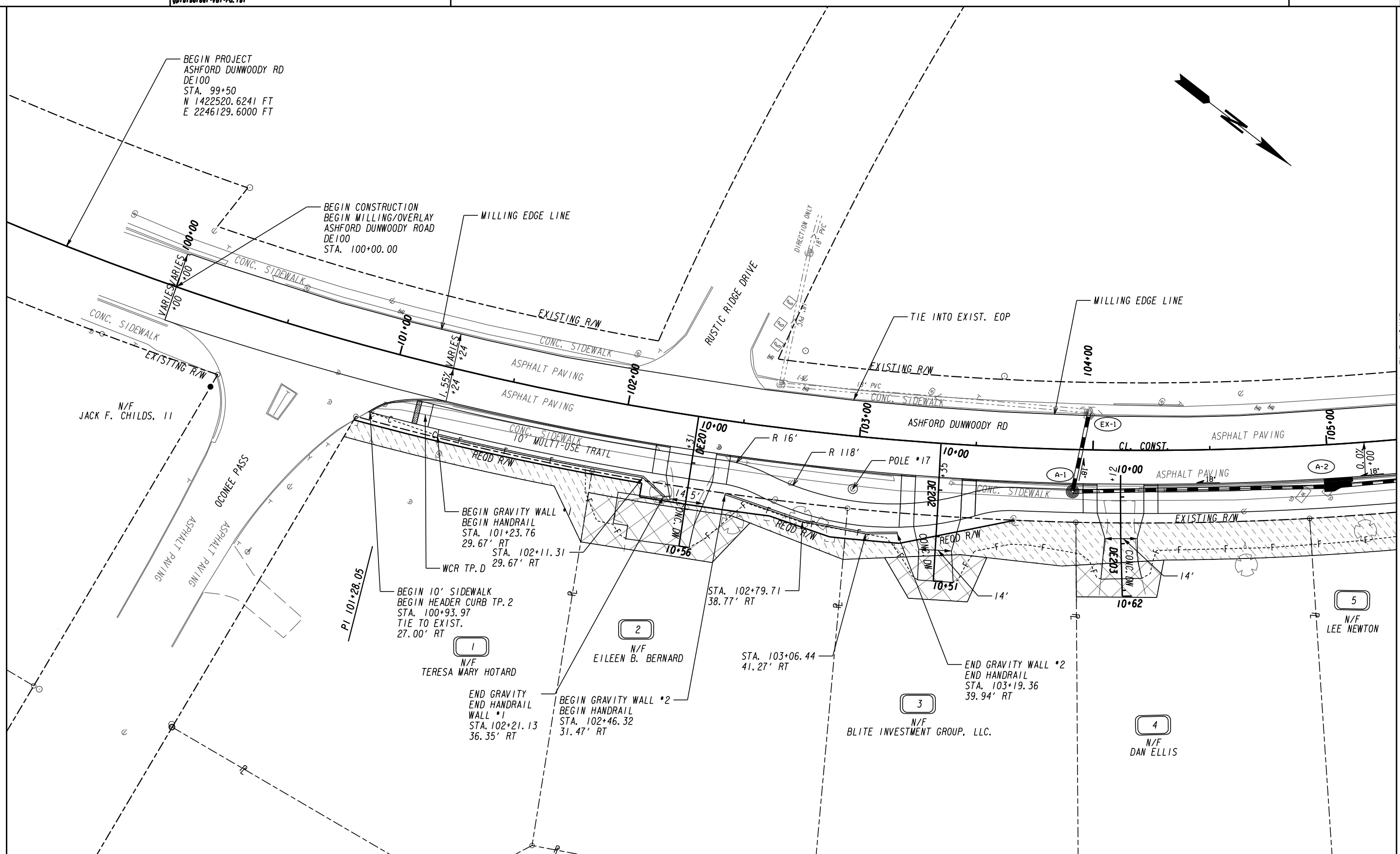
| SUMMARY OF LANDSCAPING QUANTITIES | | | | | | | | | | | |
|-----------------------------------|------|--------|------------------------------------------------------------------|----------------------------------------|--------------------|-----------------|-----------------|---------------|---------------|----------------|----------|
| QTY. | UNIT | SYMBOL | BOTANICAL NAME | COMMON NAME | PLANTING SIZE/CAL. | PLANTING HEIGHT | PLANTING SPREAD | MATURE HEIGHT | MATURE SPREAD | B. & B./ CONT. | SPACING |
| TREE | | | | | | | | | | | |
| 1 | EA. | QP | QUERCUS PHELLOS 'QPSTA' | HIGHTOWER WILLOW OAK | 3 1/2" CAL. | | | 40'-60' | 20'-40' | B. & B. | 30' O.C. |
| 2 | EA. | CR | CHIONANTHUS RETUSUS | CHINESE FRINGE TREE | 2 1/2" CAL. | | | 15'-20' | 20'-25' | B. & B. | 20' O.C. |
| 17 | EA. | INS | ILEX 'NELLIE R. STEVENS' | NELLIE R. STEVENS HOLLY | 5' HT. | | | 15'-20' | 10'-12' | B. & B. | 6' O.C. |
| 7 | EA. | LI | LAGERSTROEMIA INDICA 'WHIT II' | 'DYNAMITE' CRAPE MYRTLE | 2 1/2" CAL. | | | 10'-15' | 12'-15' | B. & B. | 15' O.C. |
| SHRUB | | | | | | | | | | | |
| 17 | EA. | FC | FORSYTHIA X 'COURTASOL' | GOLD TIDE FORSYTHIA | 5 GAL. | | | 24"-30" | 2'-4' | CONT. | 4' O.C. |
| 28 | EA. | RI | RHAPHIOLEPIS INDICA 'SNOW WHITE' | INDIAN HAWTHORN SNOW WHITE | 3 GAL. | | | 3'-6" | 3'-6" | CONT. | 4' O.C. |
| 90 | EA. | AGK | ABELIA X GRANDIFLORA 'KALEIDOSCOPE' | GLOSSY ABELIA 'KALEIDOSCOPE' | 3 GAL. | | | 24"-30" | 36"-42" | CONT. | 40" O.C. |
| 99 | EA. | IV | ILEX VOMITORIA 'STOKE'S DWARF' | DWARF YAUPON HOLLY 'STOKES DWARF' | 7 GAL. | | | 24"-30" | 3'-4" | CONT. | 3' O.C. |
| 57 | EA. | LC | LOROPETALUM CHINENSE 'PIILC-III' PP25471 | LOROPETALUM CHINENSE 'PURPLE DAYDREAM' | 3 GAL. | | | 24"-30" | 3'-4" | CONT. | 3' O.C. |
| 49 | EA. | RR | ROSA 'RADRAZZ' KNOCK OUT | RADRAZZ KNOCKOUT ROSE | 5 GAL. | | | 3'-4" | 3'-4" | CONT. | 30" O.C. |
| ORNAMENTAL GRASSES/ GROUNDCOVER | | | | | | | | | | | |
| 63 | EA. | MC | MUHLENBERGIA CAPILLARIS | PINK MUHLY GRASS | 3 GAL. | | | 3'-4" | 2'-3" | CONT. | 24" O.C. |
| 51 | EA. | PAH | PENNISETUM ALOPECUROIDES 'HAMELN' | HAMELN DWARF FOUNTAIN GRASS | 3 GAL. | | | 2'-3" | 1'-2" | CONT. | 36" O.C. |
| 420 | EA. | LSS | LIRIOPE SPICATA SILVER DRAGON | BIG BLUE LIRIOPE SILVER DRAGON LIRIOPE | 1 GAL. | | | 12"-16" | 8"-12" | CONT. | 12" O.C. |
| 110 | EA. | LME | LIRIOPE MUSCARI 'EMERALD GODDESS' | EMERALD GODDESS LIRIOPE | 1 GAL. | | | 18"-24" | 24"-30" | CONT. | 18" O.C. |
| 980 | EA. | HS | HEMEROCALLIS SPP | DAYLILIES STELLA D 'ORO' | 1 GAL. | | | 10"-12" | 10"-12" | CONT. | 12" O.C. |
| 159 | EA. | JCB | JUNIPERUS CONFERTA 'BLUE PACIFIC' | BLUE RUG JUNIPER | 3 GAL. | | | 6"-12" | 5'-6" | CONT. | 3' O.C. |
| 220 | EA. | NA | NARCISSUS | DAFFODILS | 1 GAL. | | | 12"-16" | 5"-6" | CONT. | 6" O.C. |
| 120 | EA. | RH | RUDBECKIA HIRTA | BLACK-EYED SUSAN | 1 GAL. | | | 1'-2" | 12"-18" | CONT. | 12" O.C. |
| 140 | EA. | LOC | LOBELIA CARDINALIS L. | CARDINAL FLOWER | 1 GAL. | | | 2'-4" | 1'-2" | CONT. | 12" O.C. |
| 15 | EA. | AC | AMSONIA CILIATA | BLUESTAR | 1 GAL. | | | 24"-36" | 24"-30" | CONT. | 36" O.C. |
| 175 | EA. | VUG | VERONICA UMBROSA 'GEORGIA BLUE' | GEORGIA BLUE VERONICA | 1 GAL. | | | 4"-6" | 6"-8" | CONT. | 12" O.C. |
| MISCELLANEOUS ITEMS | | | | | | | | | | | |
| 150 | CY | N/A | LANDSCAPE MULCH - TRIPLE SHREDDED HARDWOOD MULCH, 3" DEPTH | | | | | | | | |
| 300 | CY | N/A | PLANT MIX TOPSOIL 6" | | | | | | | | |
| 4 | EA. | N/A | BENCH 3 SEAT UNIT (END ARMS AND SINGLE INTERMEDIATE ARMS) | | | | | | | | |
| 4 | EA. | N/A | TRASH RECEPTACLE - TOP OPENING, 30 GAL. CAPACITY PRESIDIO LITTER | | | | | | | | |
| 2 | EA. | N/A | BICYCLE RACK (BY VICTOR STANLEY) | | | | | | | | |



REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
SUMMARY QUANTITIES

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 06-0005 |
| CORRECTED: | DATE: | |
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MATCH LINE STA. 105+30.00 DRAWING No. 13-0002

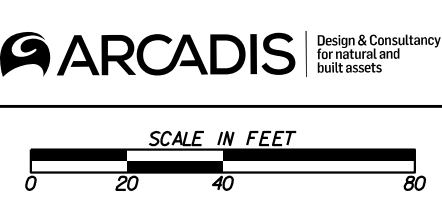
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| REQUIRED R/W LINE | --- |
| CONSTRUCTION LIMITS | --- |
| EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES | --- |
| EASEMENT FOR CONSTR OF SLOPES | --- |
| EASEMENT FOR CONSTR OF DRIVES | --- |

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

Brookhaven
GEORGIA

ARCADIS Design & Consultancy for natural and built assets

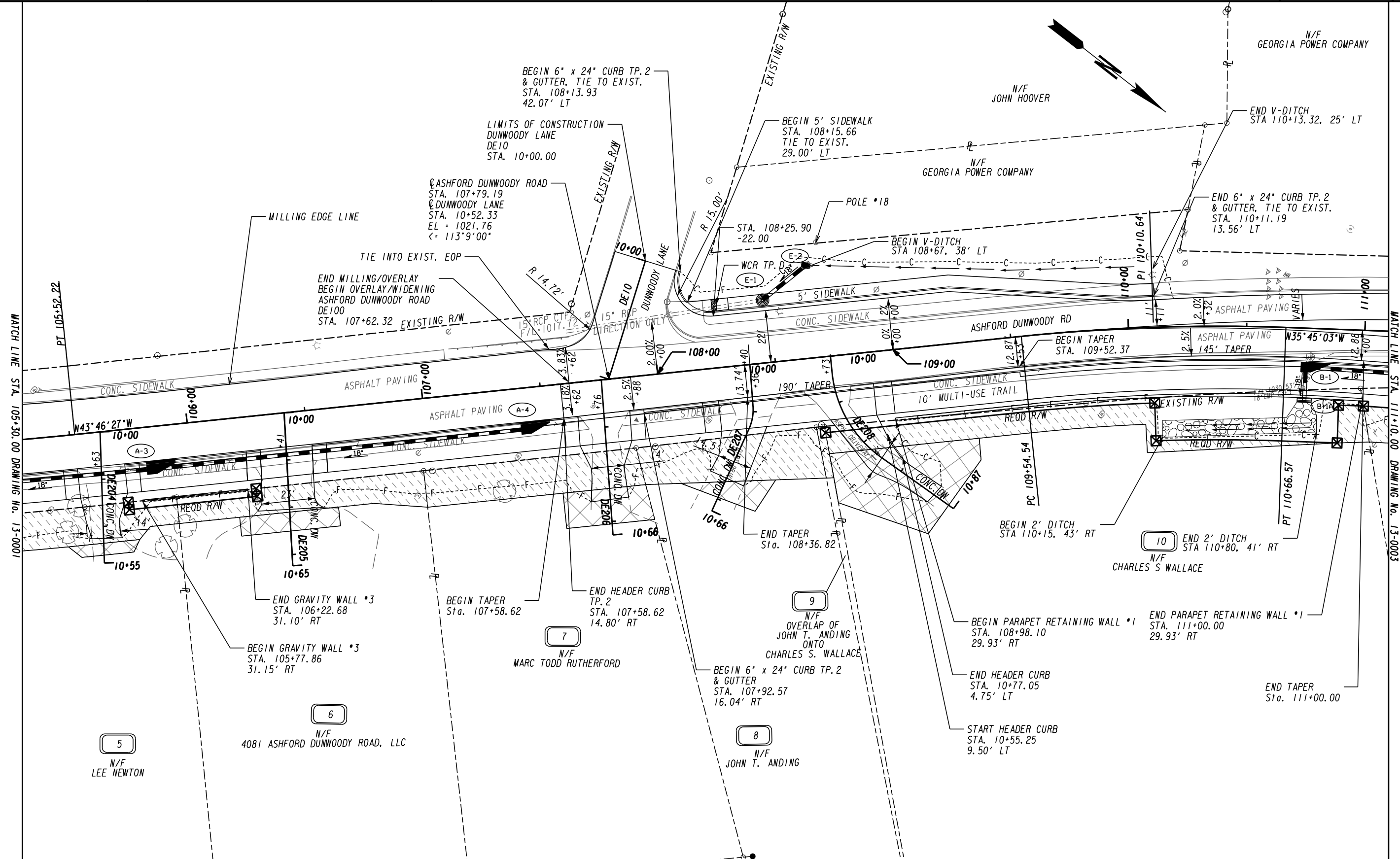
PRIMAVERA COMMUNITY IMPROVEMENT DISTRICT



| REVISION DATES | |
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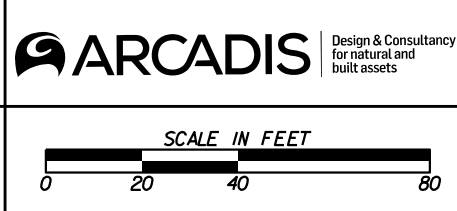
CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
CONSTRUCTION PLAN

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

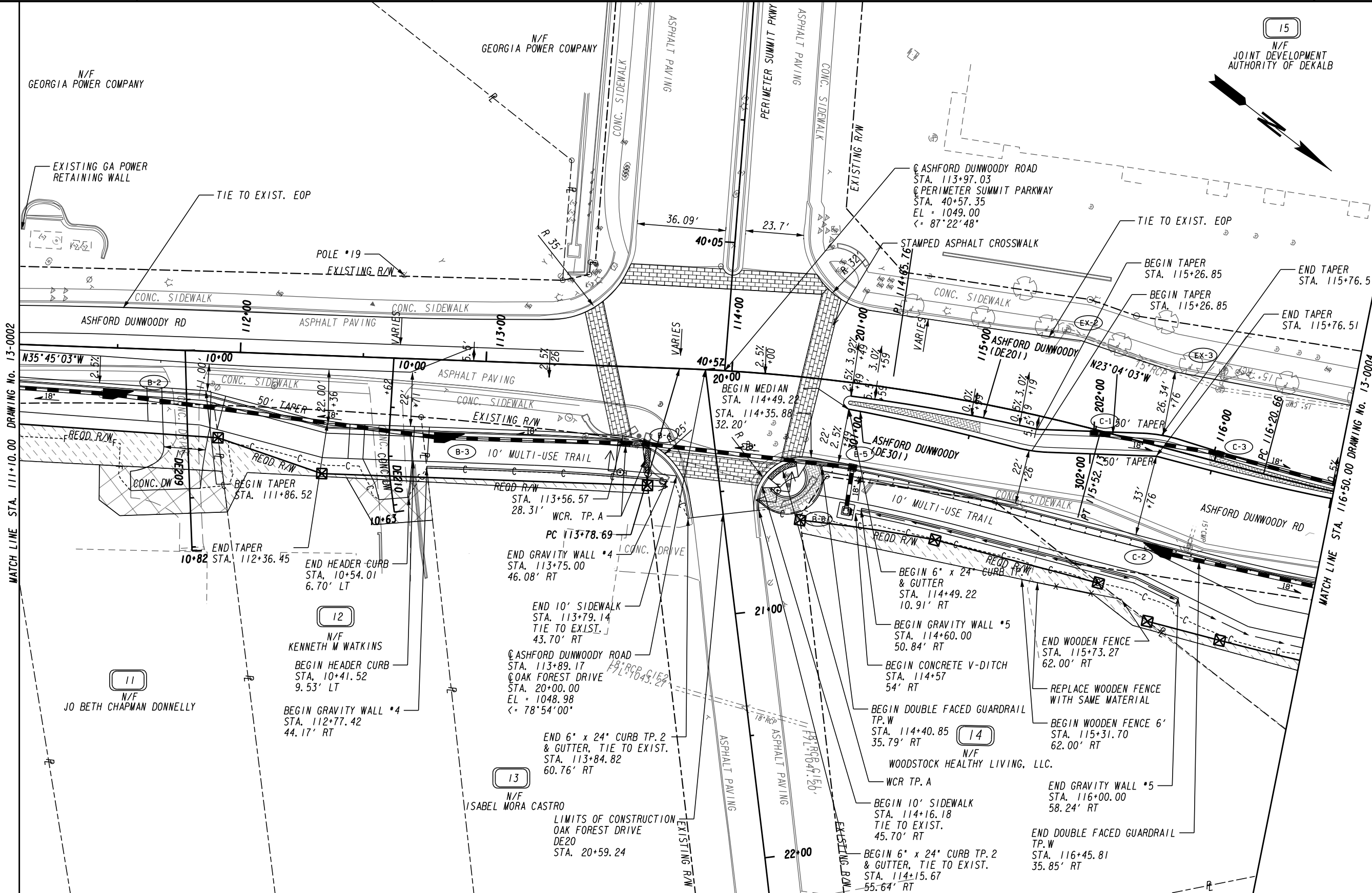
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 ---LA--- LIMIT OF ACCESS
 ---RA--- REQ'D R/W & LIMIT OF ACCESS
 ---OF--- ORANGE BARRIER FENCE
 ---SA--- ESA - ENV. SENSITIVE AREA



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**CENTRAL DEKALB PERIMETER CID
 ASHFORD DUNWOODY ROAD IMPROVEMENTS
 CONSTRUCTION PLAN**

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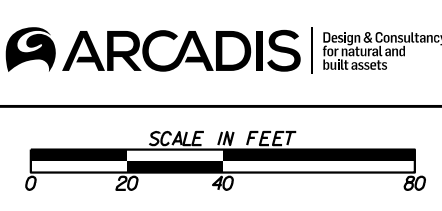
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| CONSTRUCTION LIMITS | --- |
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| ORANGE BARRIER FENCE | --- |
| ESA - ENV. SENSITIVE AREA | --- |

Brookhaven GEORGIA

ARCADIS Design & Consultancy for natural and built assets

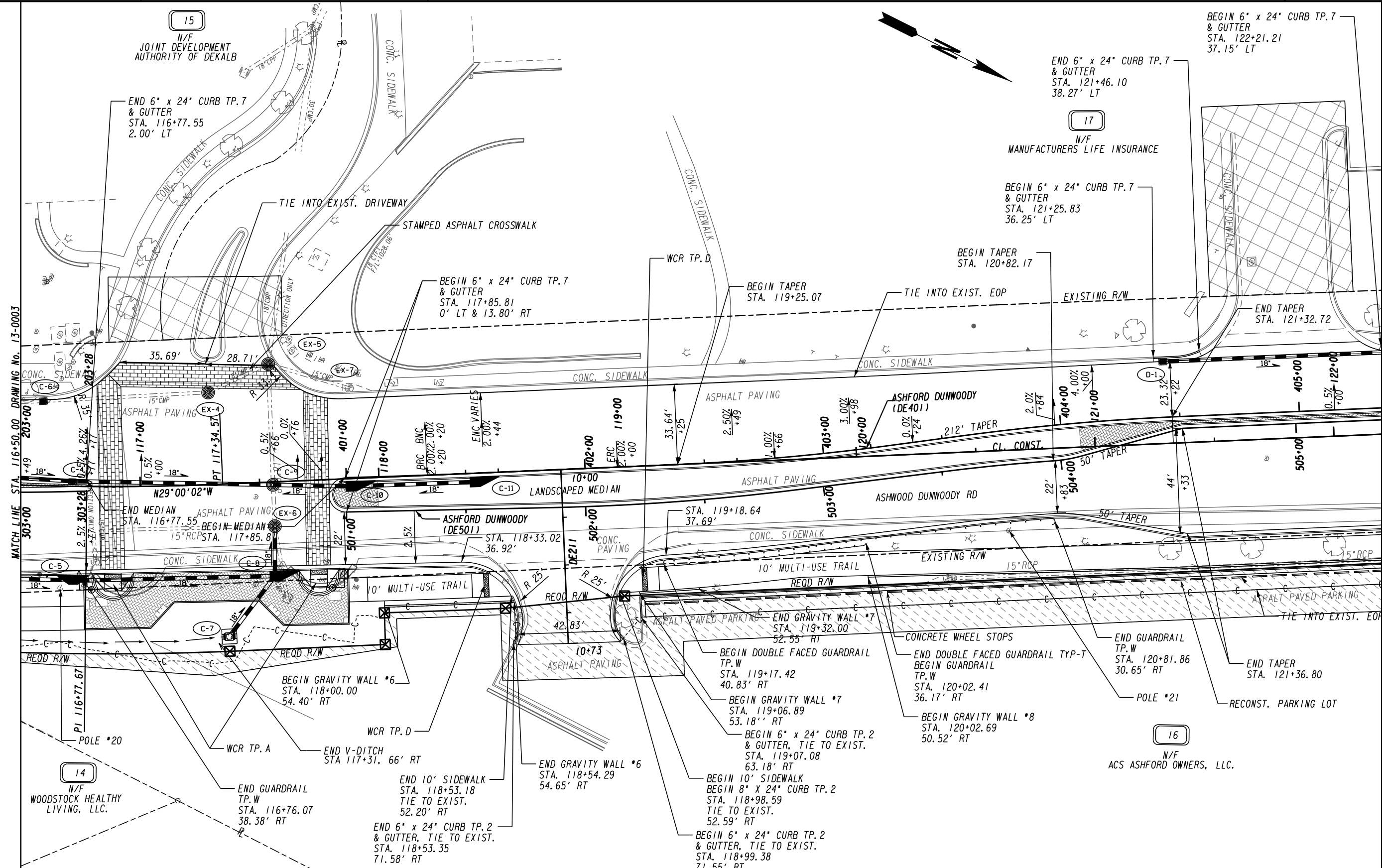
PERIMETER COMMUNITY IMPROVEMENT DISTRICT



| REVISION DATES | |
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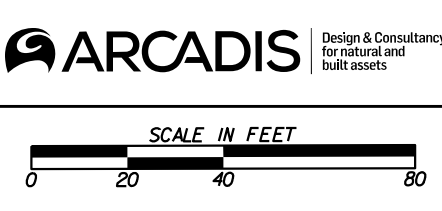
CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
CONSTRUCTION PLAN

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

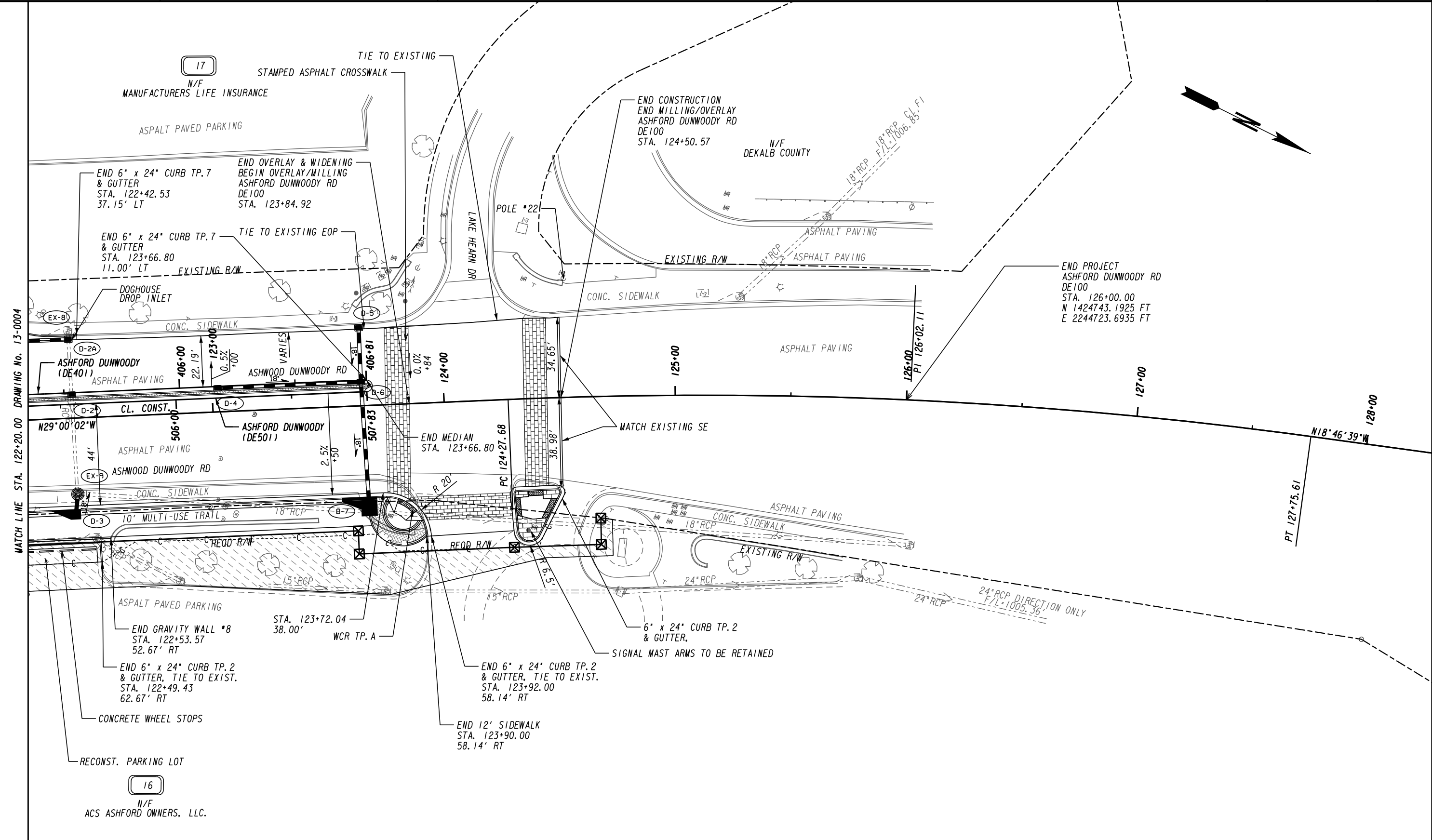
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 ---OF--- ORANGE BARRIER FENCE
 ---SA--- ESA - ENV. SENSITIVE AREA



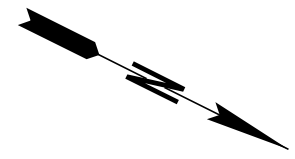
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CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
CONSTRUCTION PLAN

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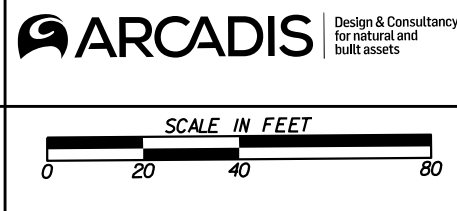


MATCH LINE STA. 122+20.00 DRAWING No. 13-0004



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| CONSTRUCTION LIMITS | --- |
| EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES | --- |
| EASEMENT FOR CONSTR OF SLOPES | --- |
| EASEMENT FOR CONSTR OF DRIVES | --- |

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| LIMIT OF ACCESS | --- |
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| ESA - ENV. SENSITIVE AREA | --- |

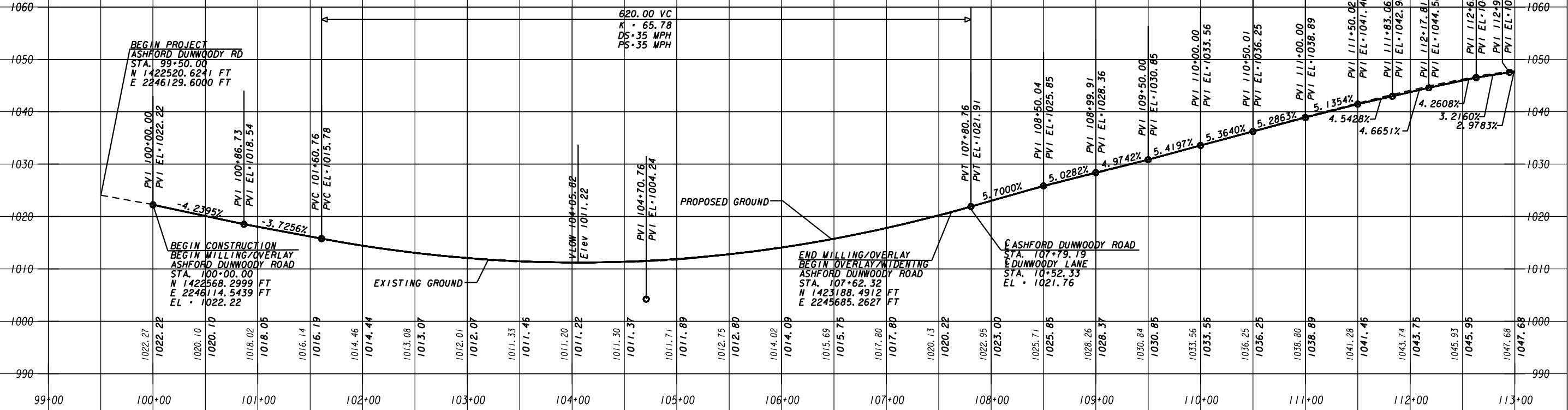


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| CENTRAL DEKALB PERIMETER CID ASHFORD DUNWOODY ROAD IMPROVEMENTS CONSTRUCTION PLAN | | |
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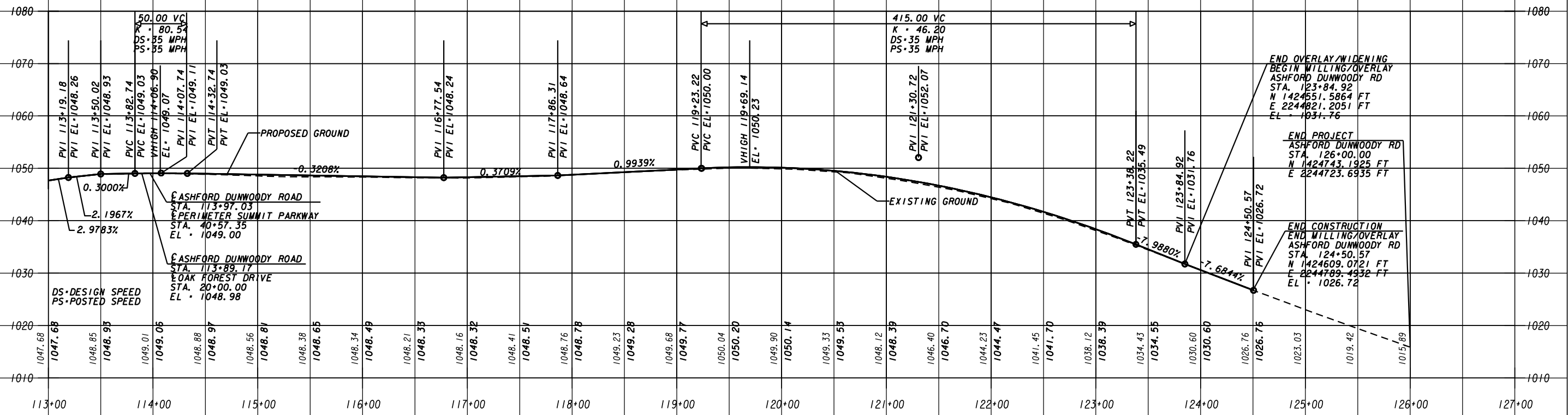
ASHFORD DUNWOODY (DE100)

DS-DESIGN SPEED
PS-POSTED SPEED



ASHFORD DUNWOODY (DE100)

DS-DESIGN SPEED
PS-POSTED SPEED



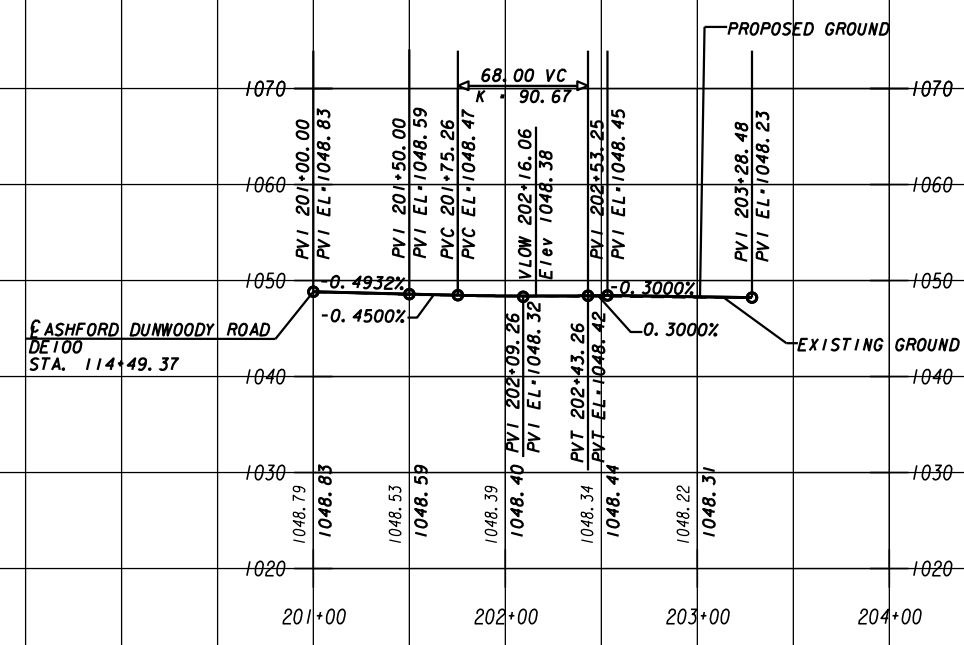
REVISION DATES

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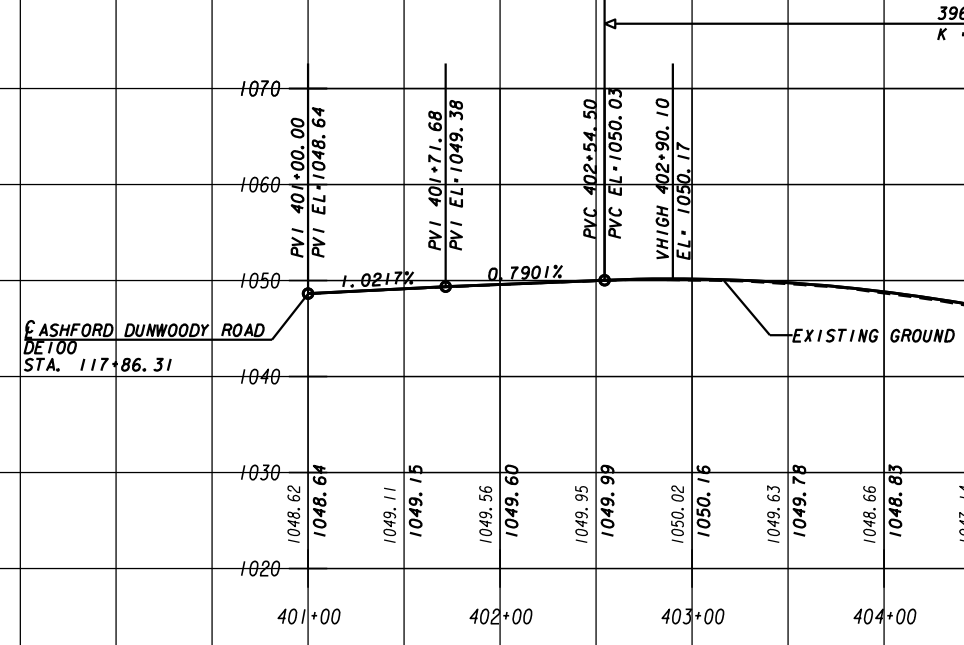
CENTRAL DEKALB PERIMETER CID ASHFORD DUNWOODY ROAD IMPROVEMENTS MAINLINE PROFILE

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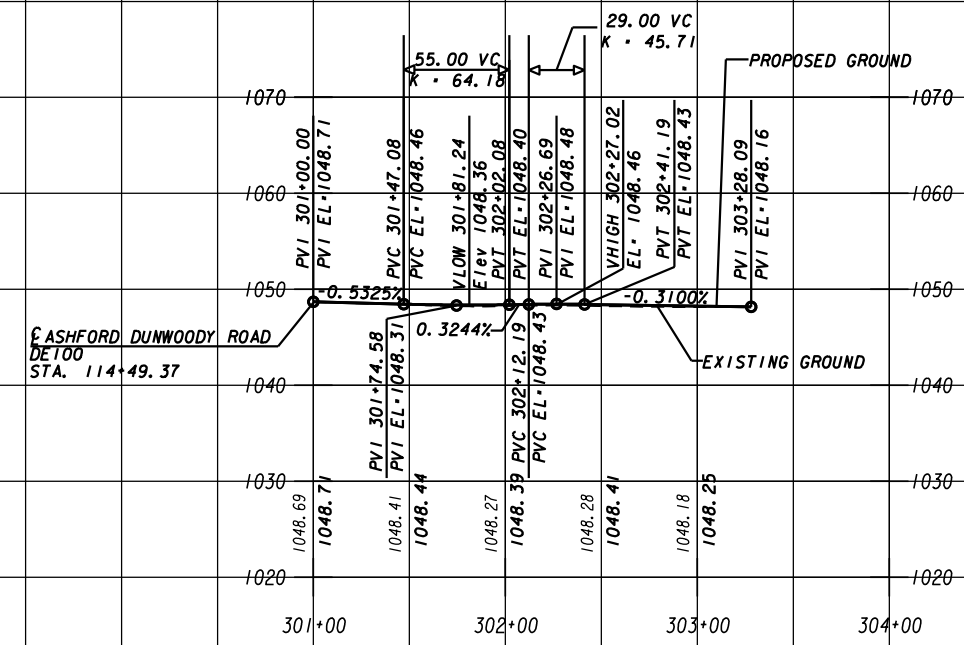
ASHFORD DUNWOODY (DE201) INSIDE MEDIAN EDGE LT



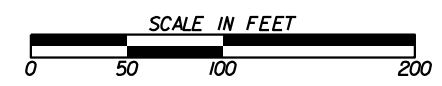
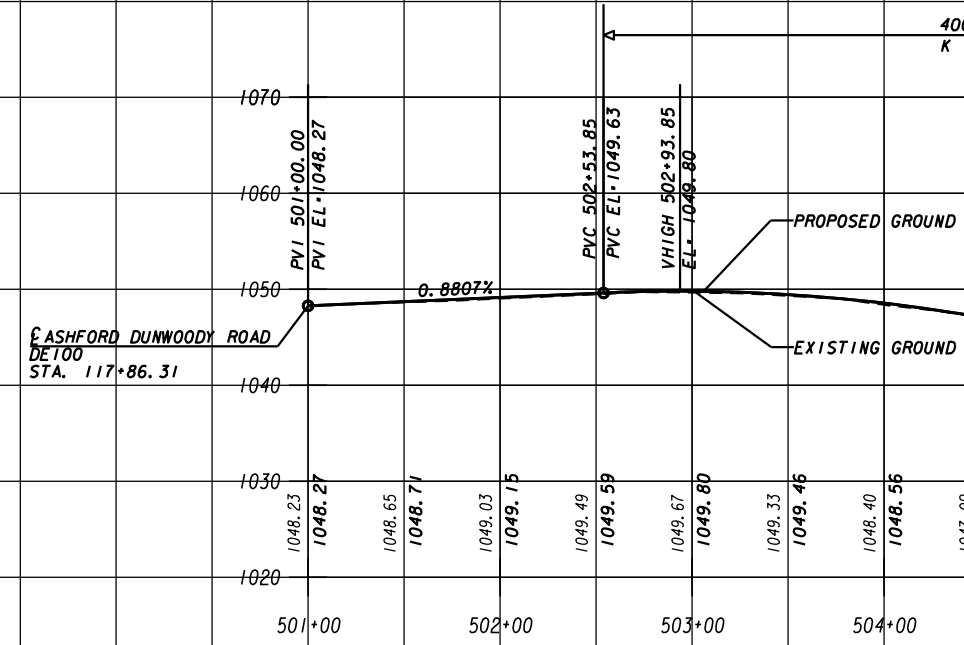
ASHFORD DUNWOODY (DE401) INSIDE MEDIAN EDGE LT



ASHFORD DUNWOODY (DE301) INSIDE MEDIAN EDGE RT



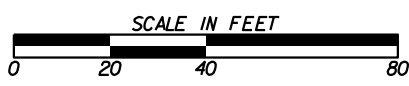
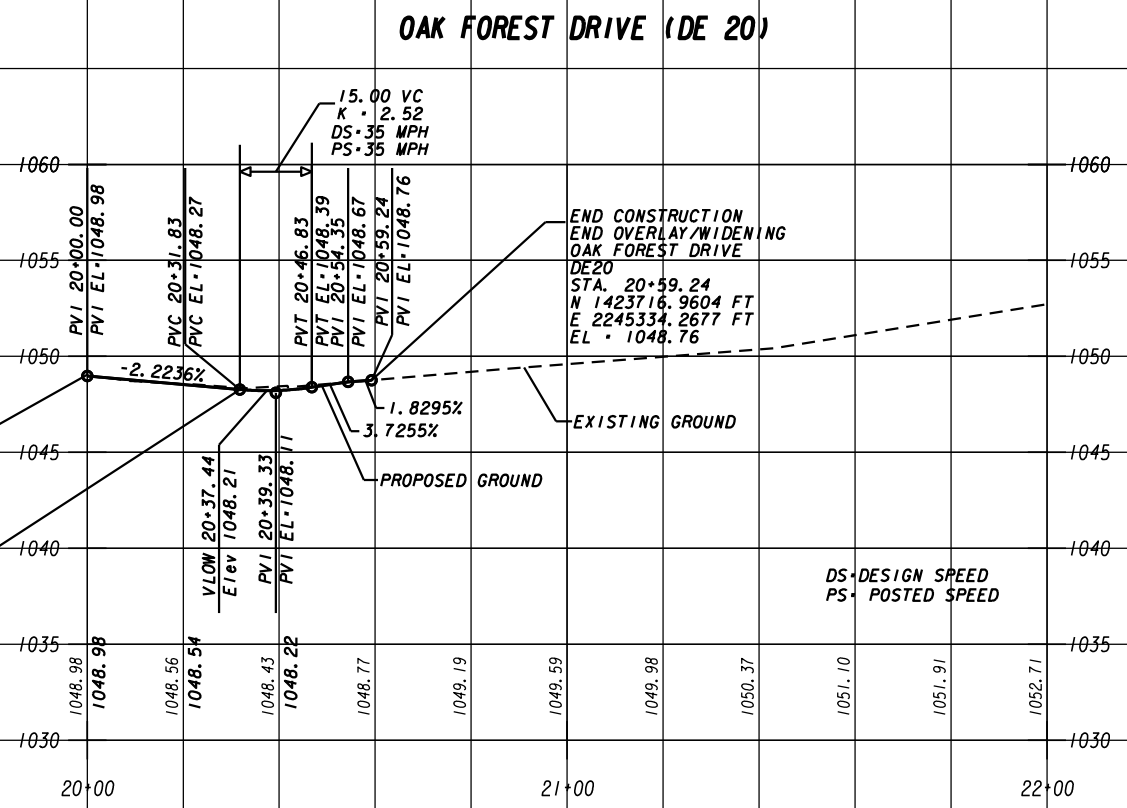
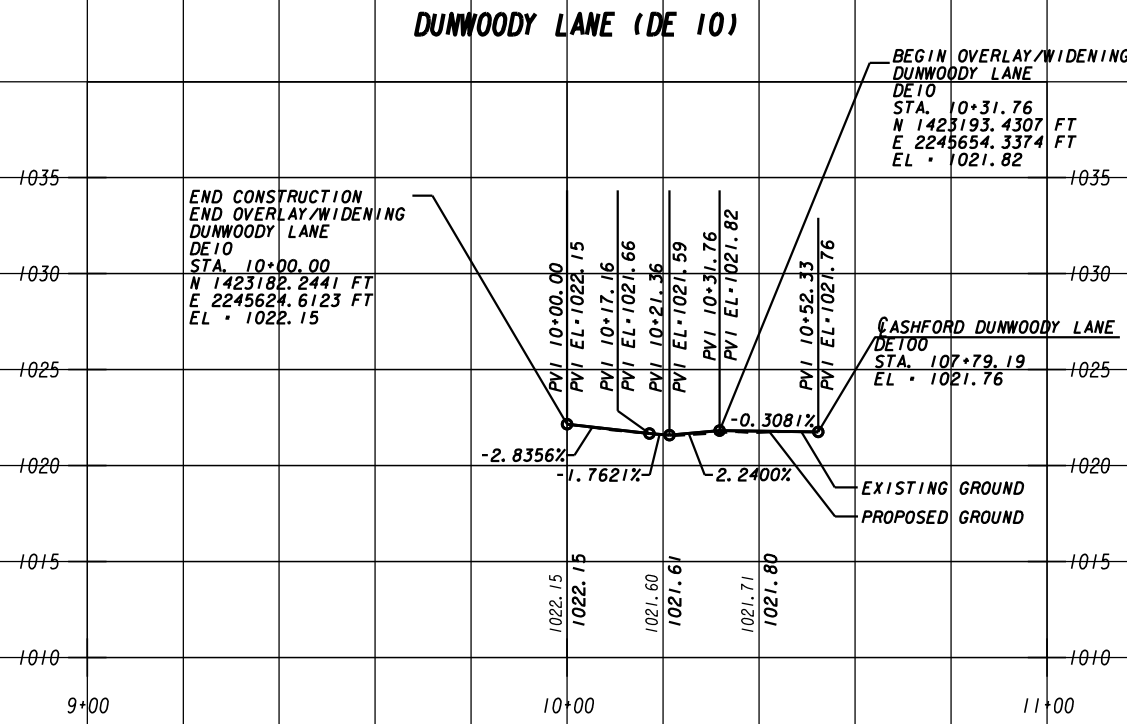
ASHFORD DUNWOODY (DE501) INSIDE MEDIAN EDGE RT



REVISION DATES

CENTRAL DEKALB PERIMETER CID ASHFORD DUNWOODY ROAD IMPROVEMENTS MAINLINE PROFILE

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

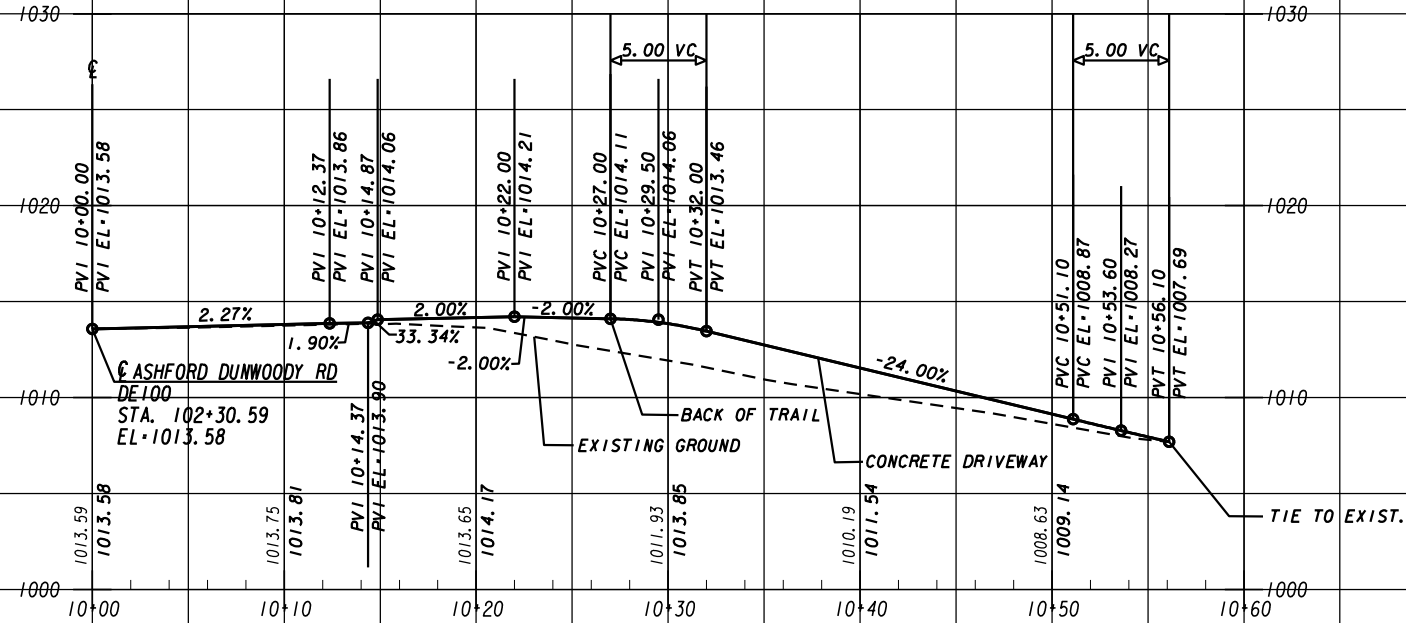


REVISION DATES

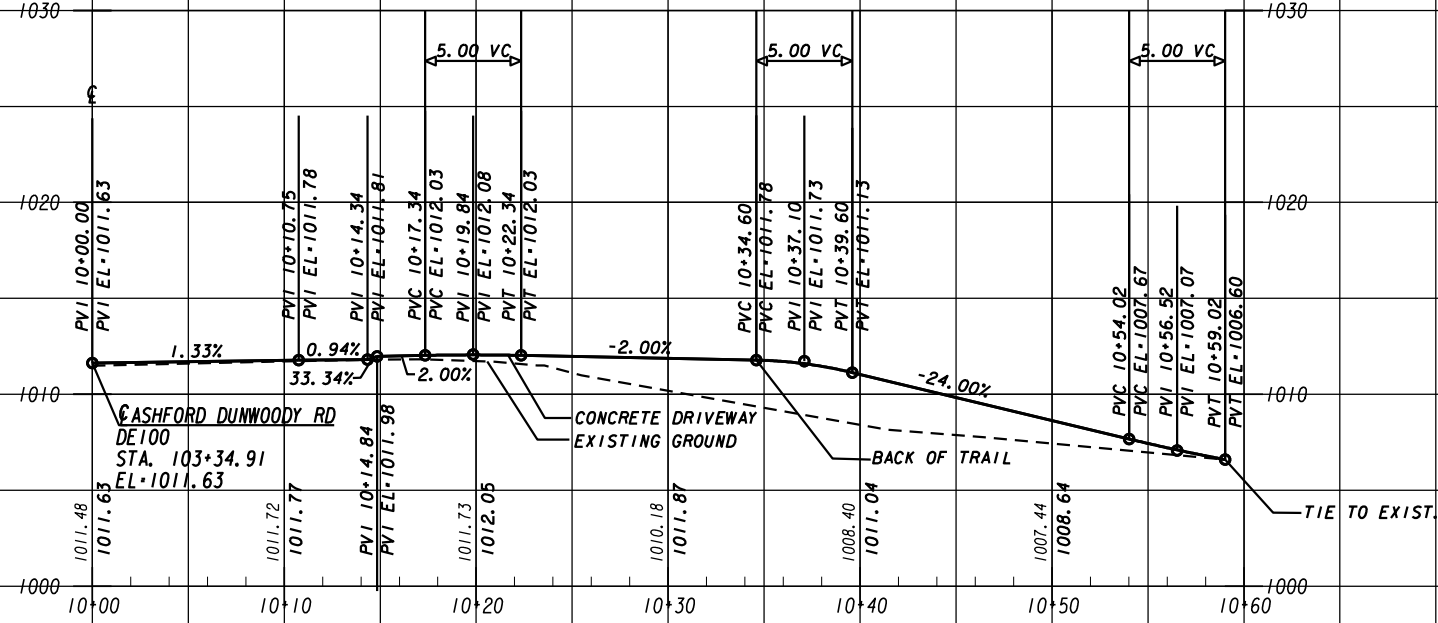
CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
CROSSROAD PROFILE

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

DE201
ASHFORD DUNWOODY RD
STA. 102+30.59 RT
CONCRETE DRIVEWAY



DE202
ASHFORD DUNWOODY RD
STA. 103+34.91 RT
CONCRETE DRIVEWAY

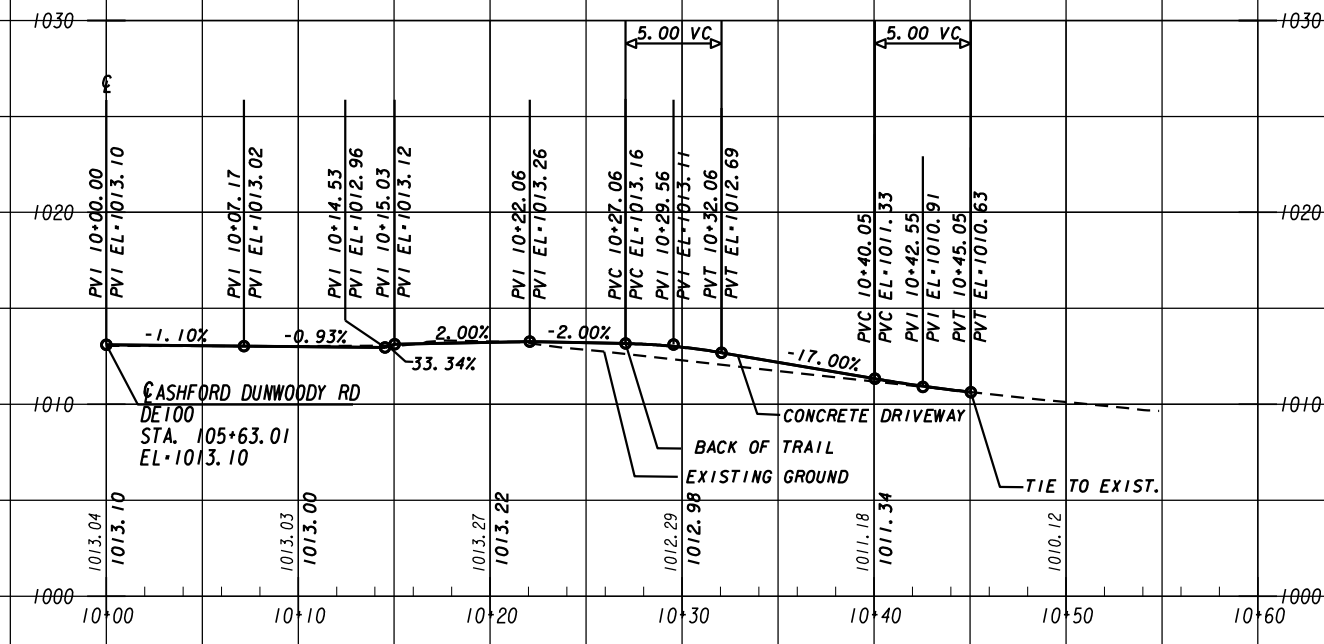
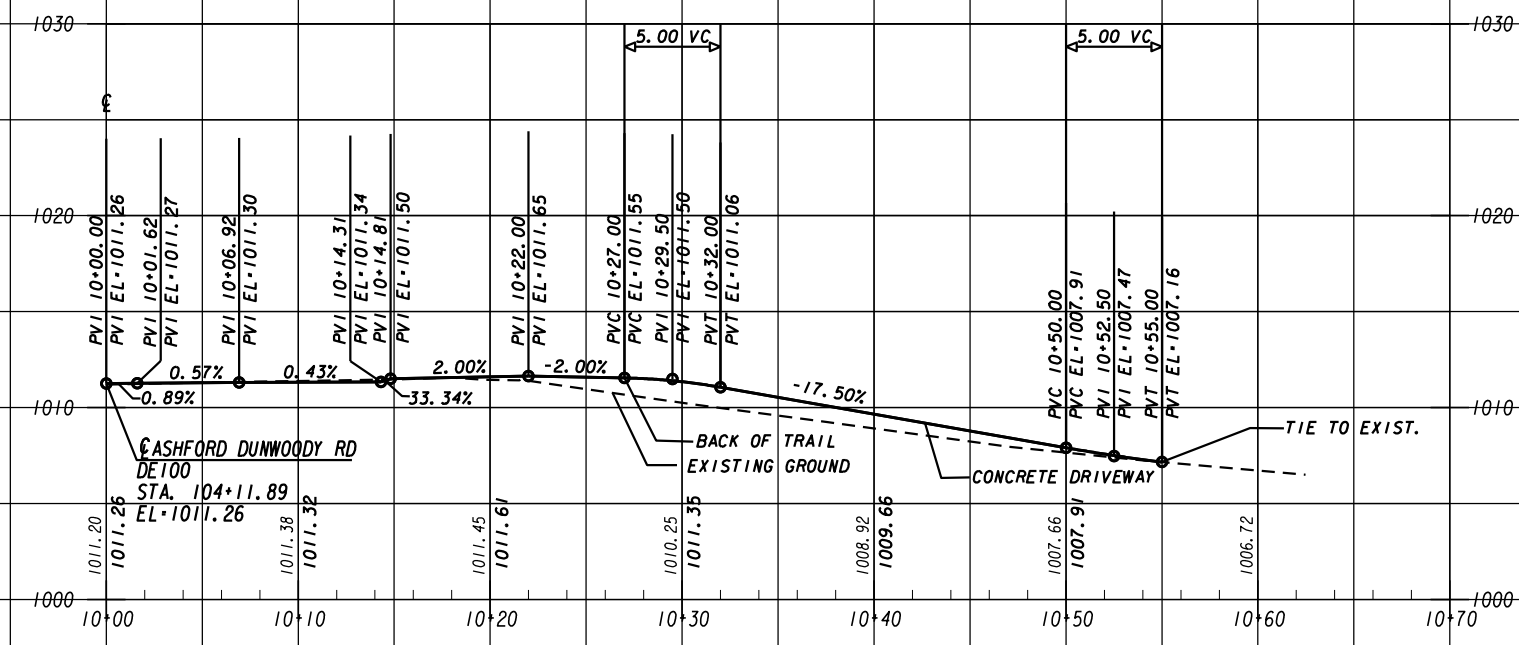


SCALE : 1" = 10' HORIZ.
1" = 10' VERT.

REVISION DATES

CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
DRIVEWAY PROFILE

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



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

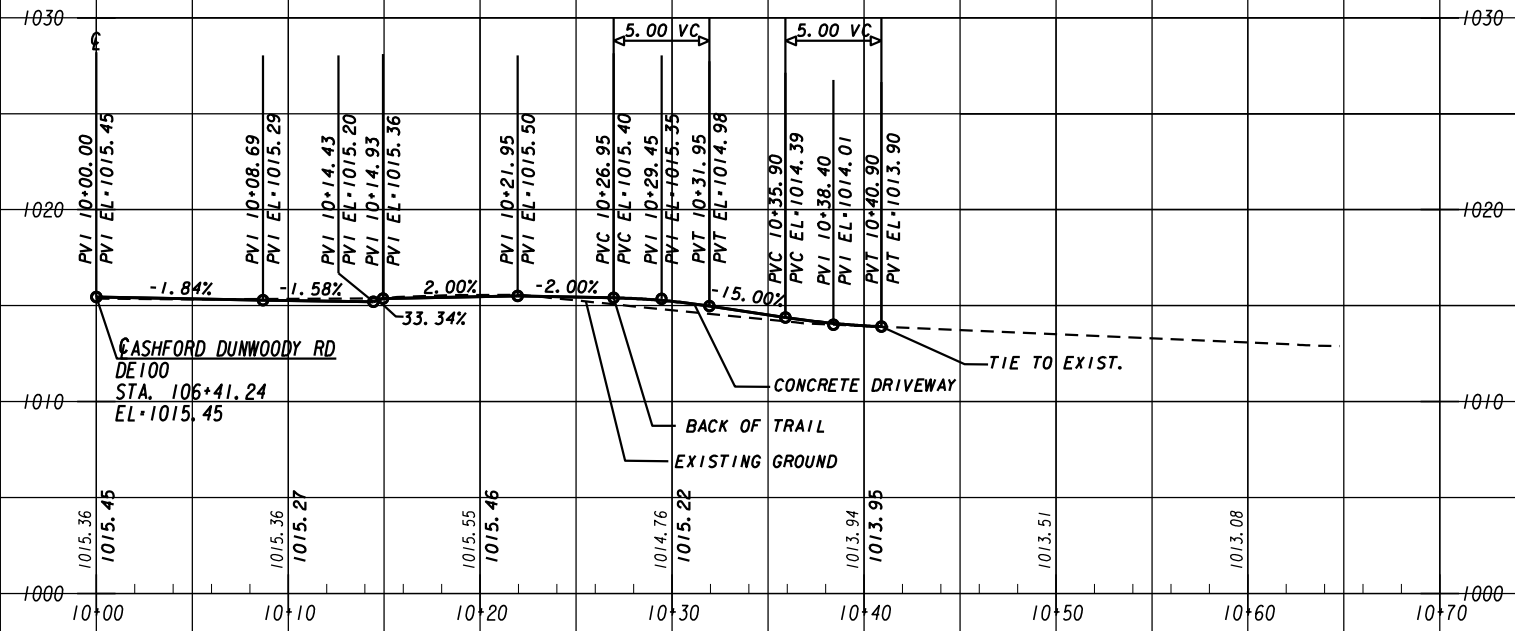
REVISION DATES

CENTRAL DEKALB PERIMETER CID

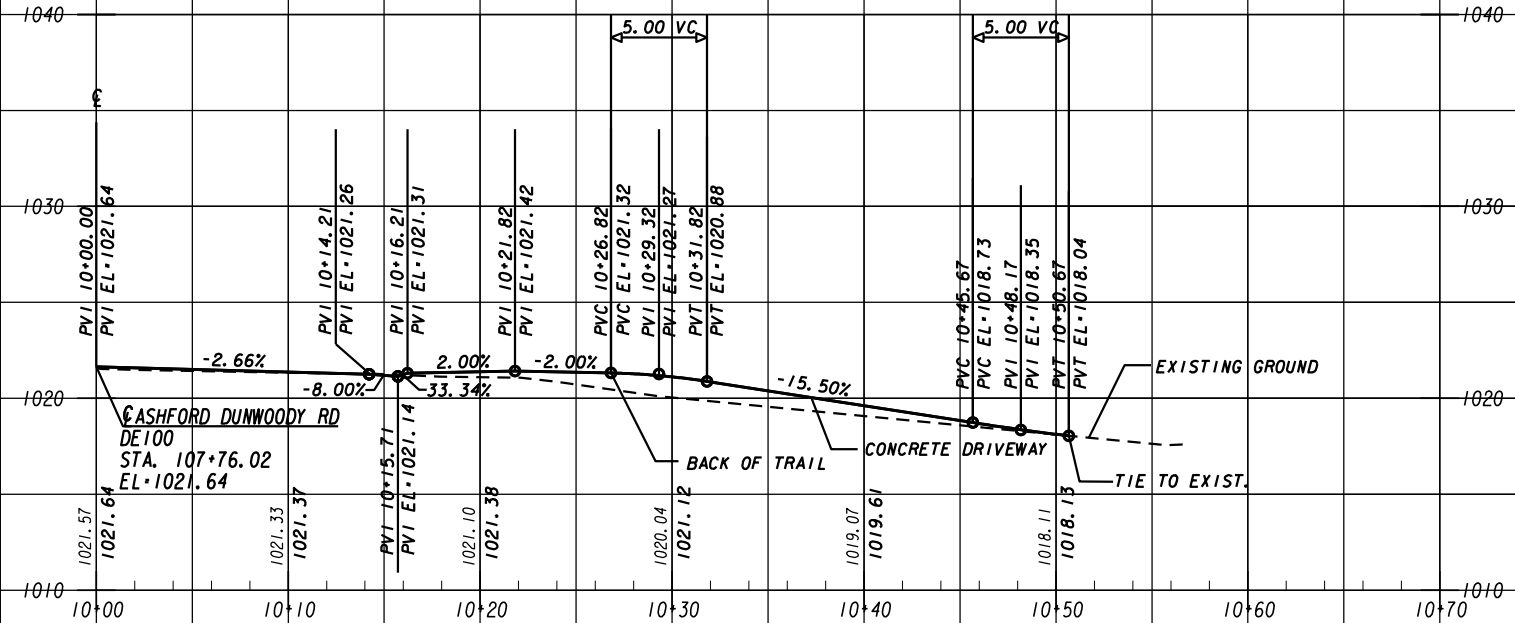
ASHFORD DUNWOODY ROAD IMPROVEMENTS
DRIVEWAY PROFILE

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 17-0002 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |

DE205
ASHFORD DUNWOODY RD
STA. 106+41.24 RT
CONCRETE DRIVEWAY



DE206
ASHFORD DUNWOODY RD
STA. 107+76.02 RT
CONCRETE DRIVEWAY



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

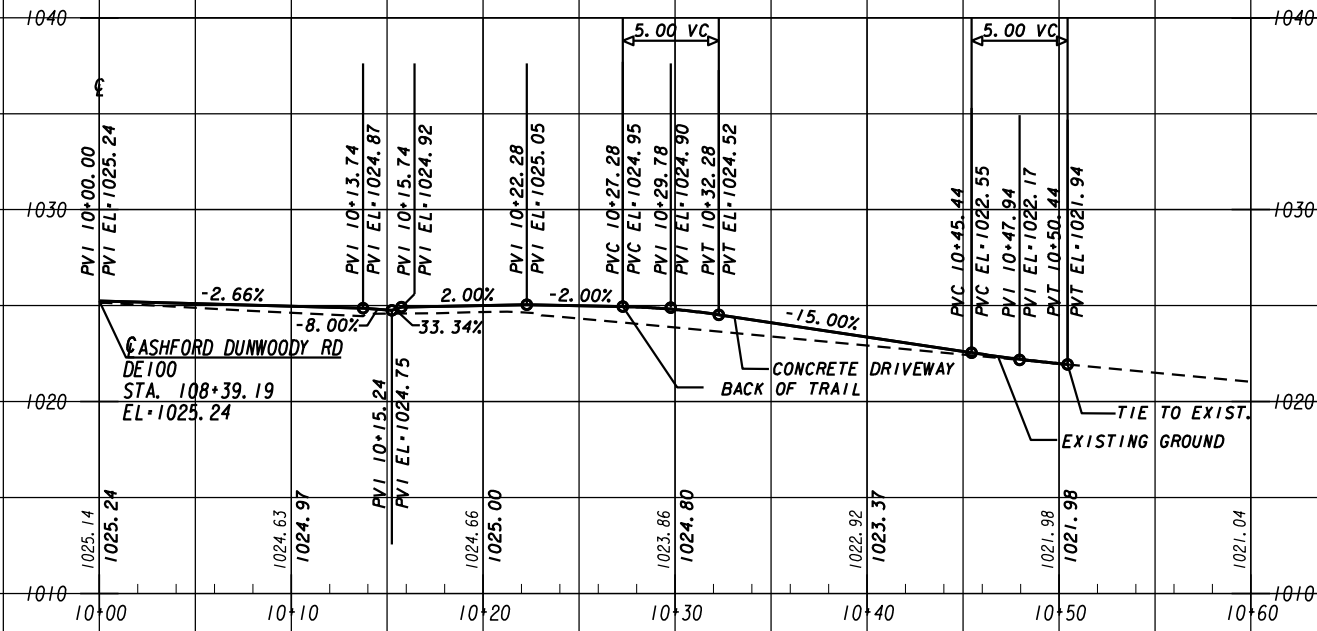
REVISION DATES

CENTRAL DEKALB PERIMETER CID

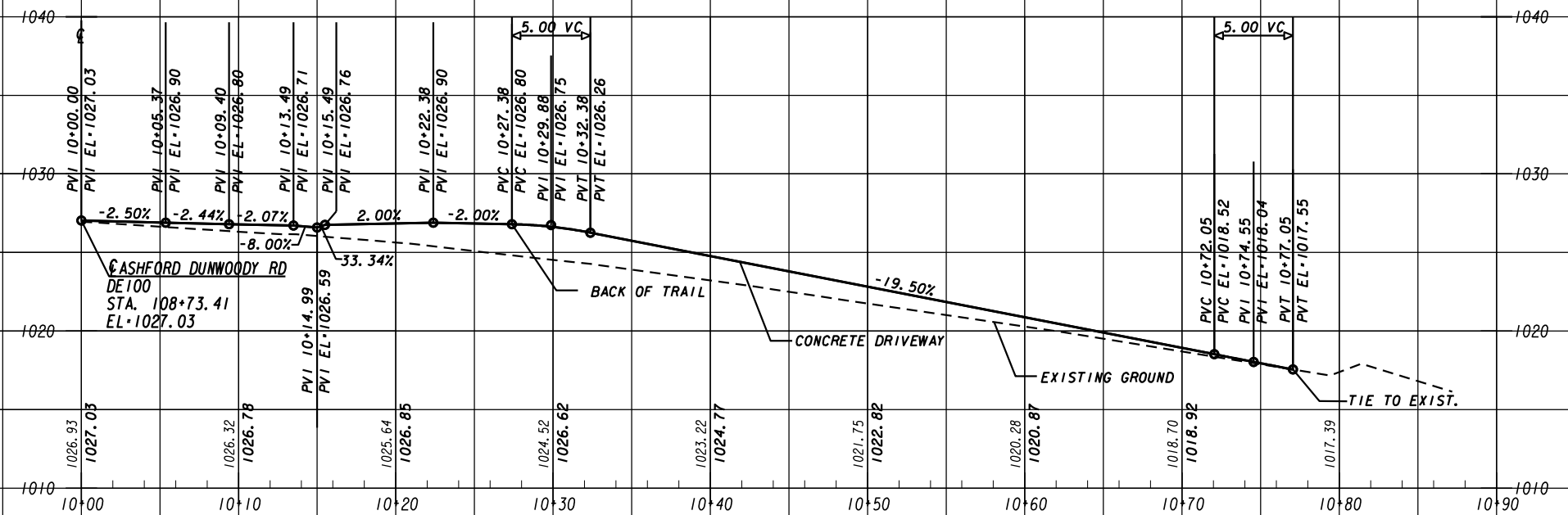
ASHFORD DUNWOODY ROAD IMPROVEMENTS
DRIVEWAY PROFILE

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 17-0003 |
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DE207
ASHFORD DUNWOODY RD
STA. 108+39.19 RT
CONCRETE DRIVEWAY



DE208
ASHFORD DUNWOODY RD
STA. 108+73.41 RT
CONCRETE DRIVEWAY



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

REVISION DATES

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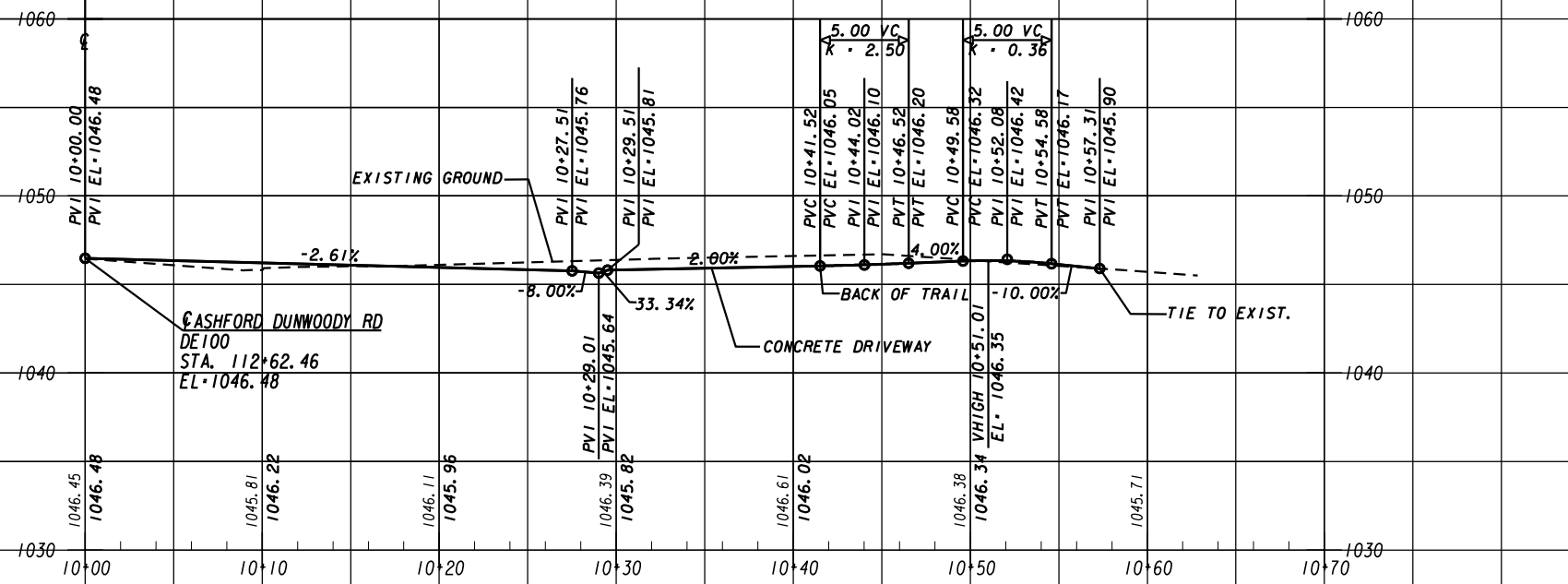
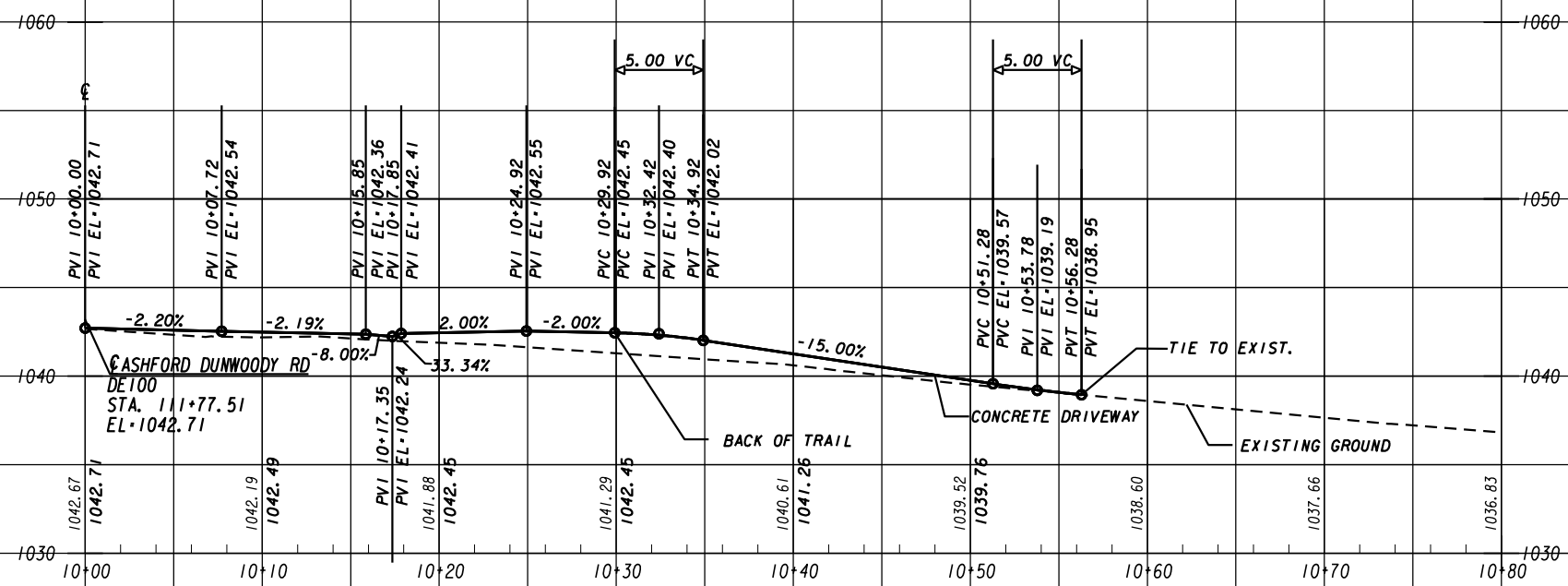
CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS
DRIVEWAY PROFILE

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 17-0004 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |

DE209
ASHFORD DUNWOODY RD
STA. 111+77.51 RT
CONCRETE DRIVEWAY

DE210
ASHFORD DUNWOODY RD
STA. 112+62.46
CONCRETE DRIVEWAY



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

REVISION DATES

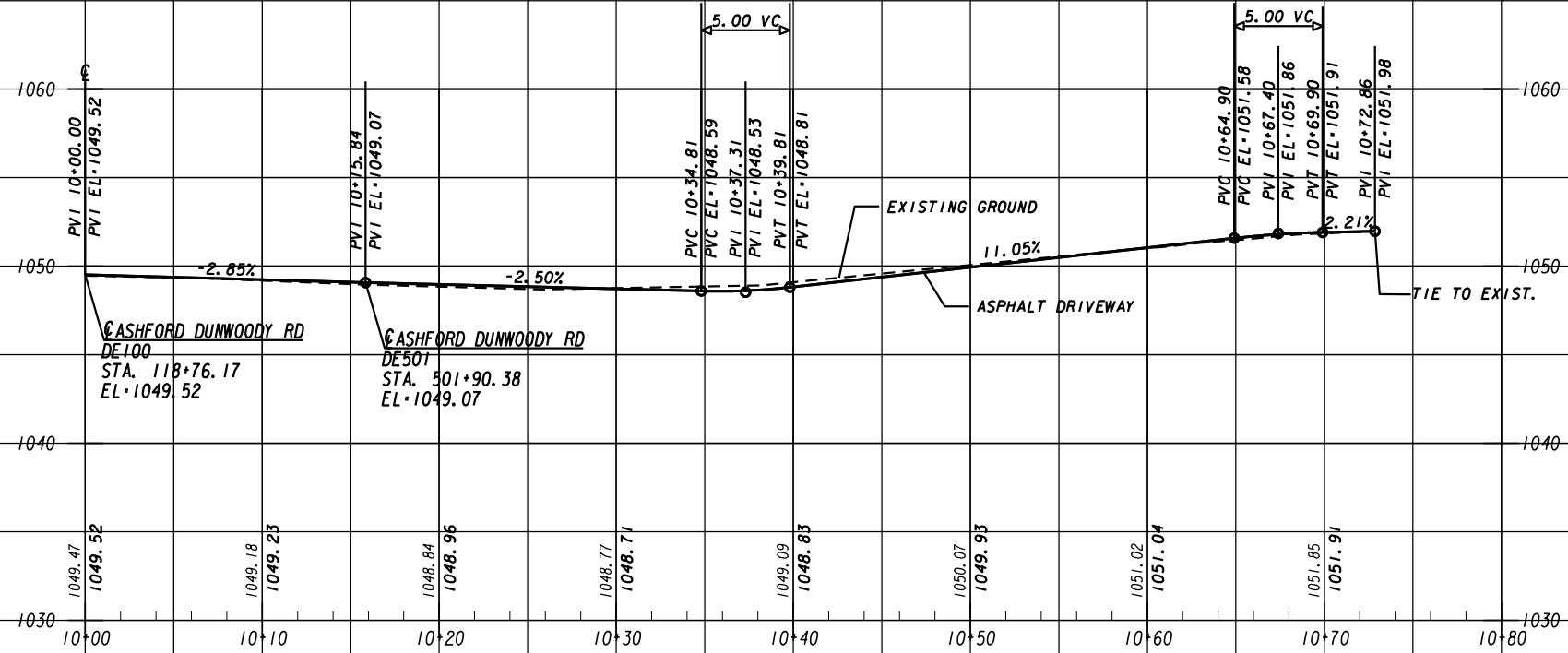
| NO. | DATE | DESCRIPTION |
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CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS
DRIVEWAY PROFILE

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 17-0005 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |

DE211
ASHFORD DUNWOODY RD
STA. 118+76.17 RT
ASPHALT DRIVEWAY



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

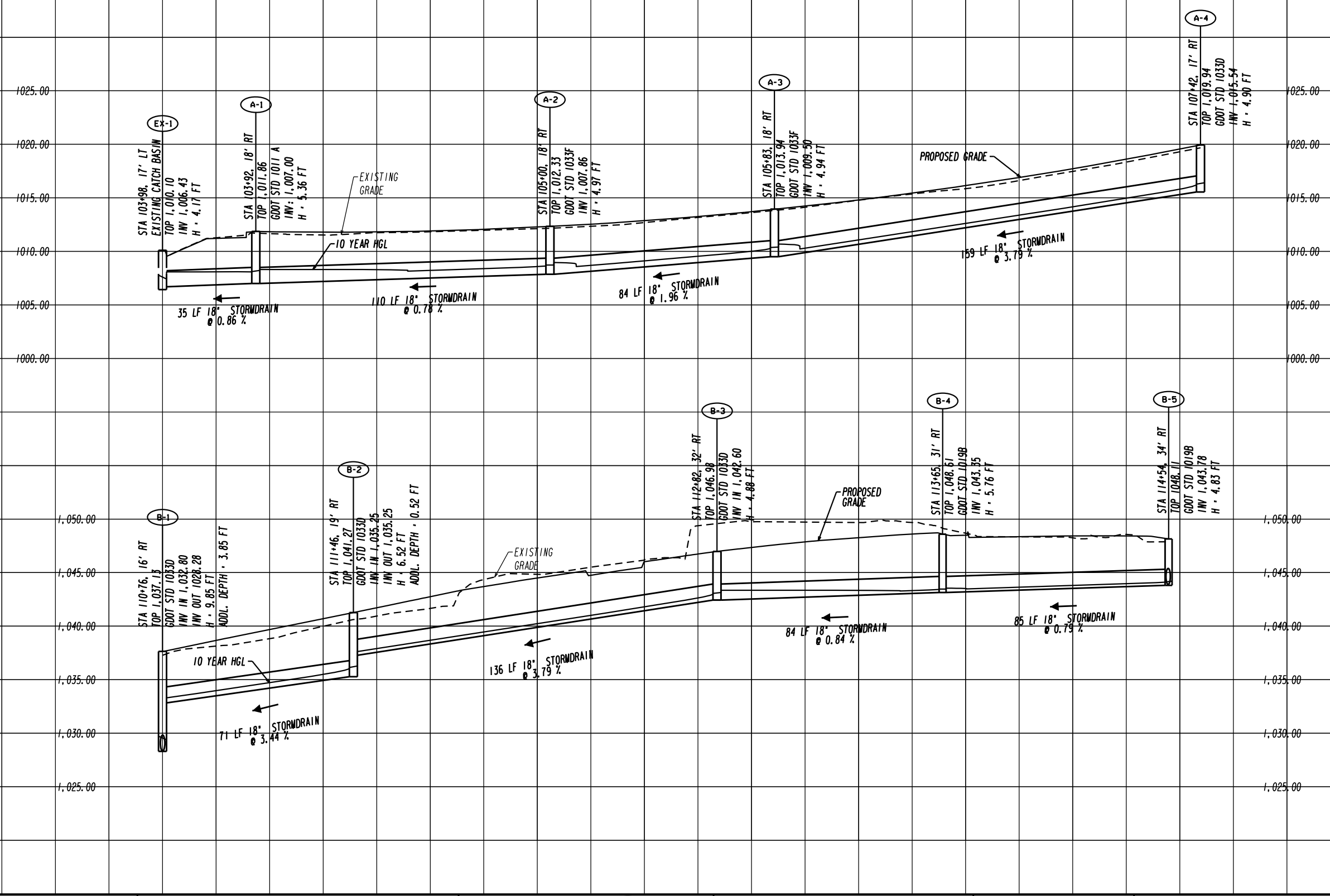
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CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS
DRIVEWAY PROFILE

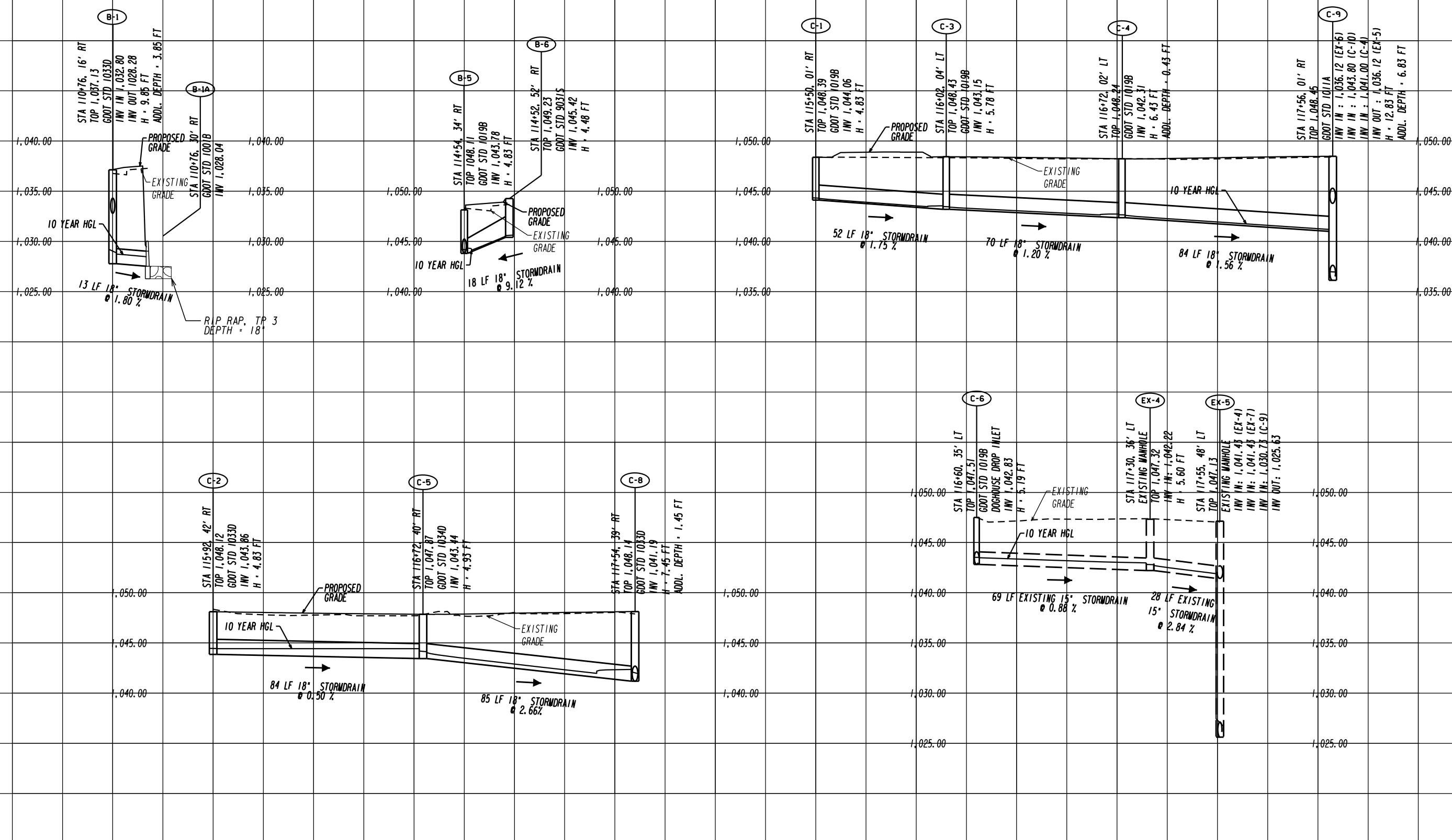
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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 17-0006 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |



VERTICAL SCALE : 1" = 5'
HORIZONTAL SCALE : 1" = 20'

REVISION DATES

| DRAINAGE PROFILES | |
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| ASHFORD DUNWOODY ROAD IMPROVEMENTS | |
| CHECKED: | DATE: |
| BACKCHECKED: | DATE: |
| CORRECTED: | DATE: |
| VERIFIED: | DATE: |
| DRAWING No. 22-0001 | |



VERTICAL SCALE : 1" = 5'
HORIZONTAL SCALE : 1" = 20'

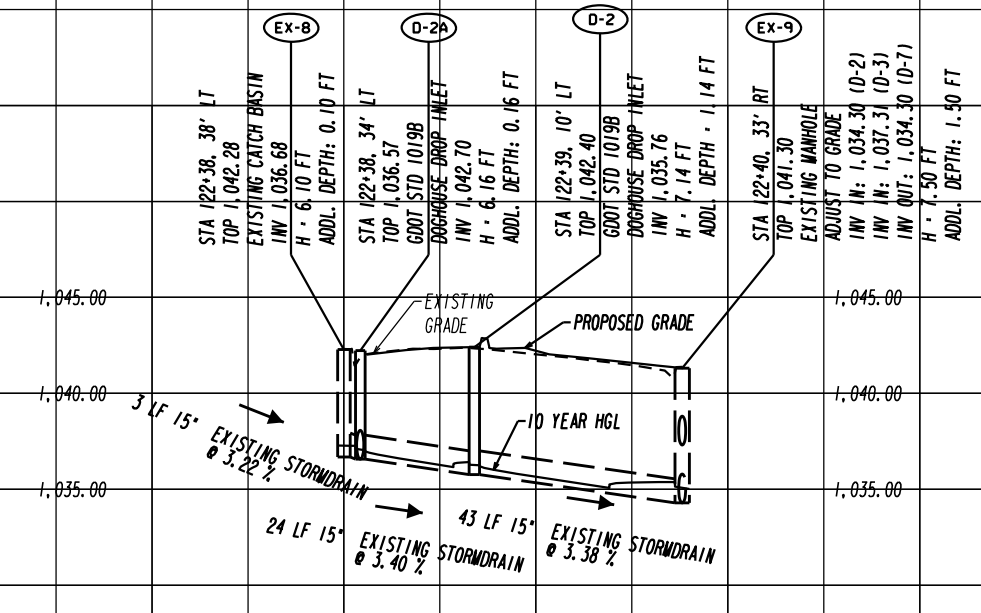
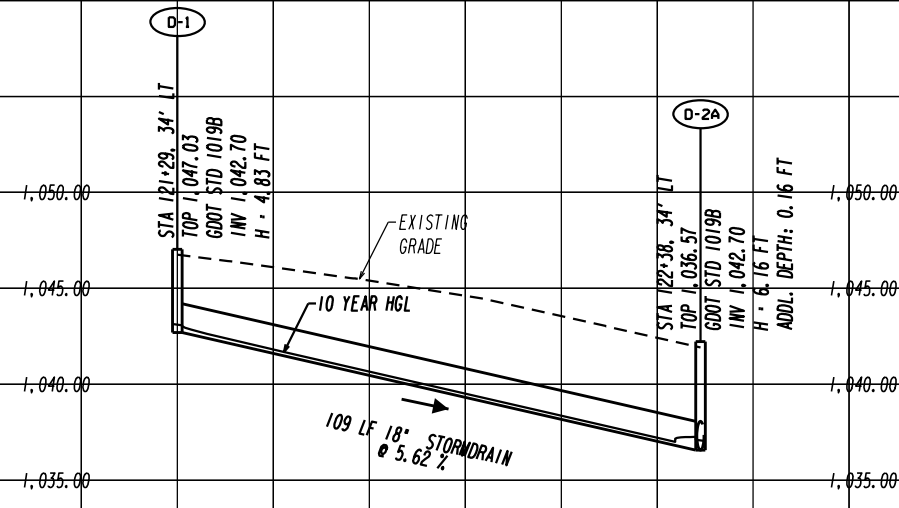
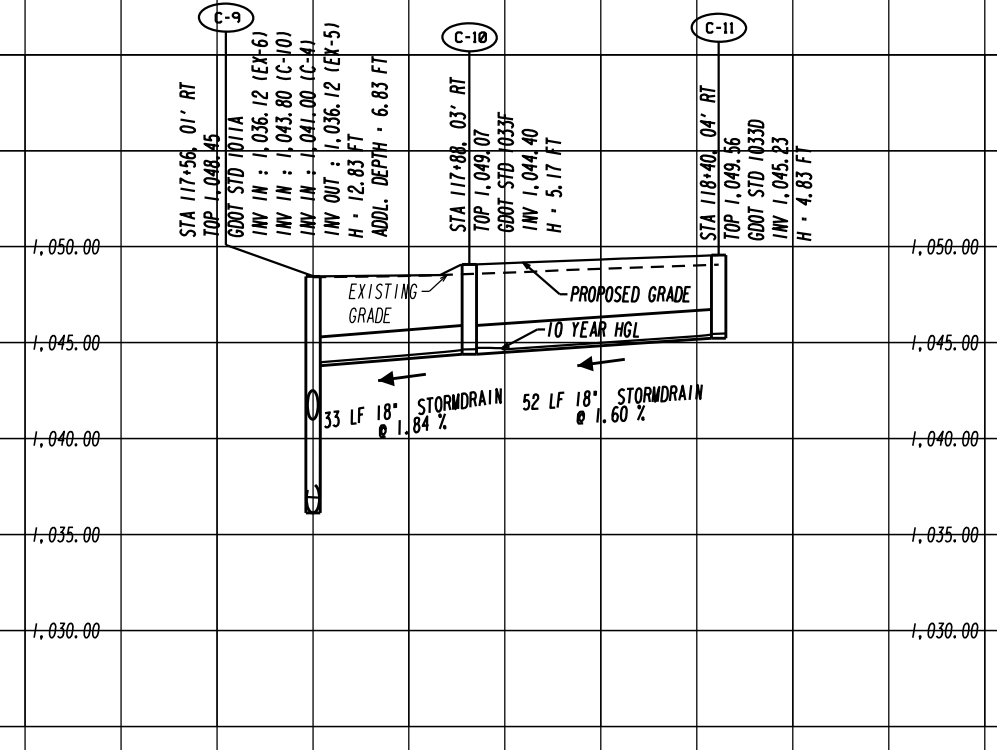
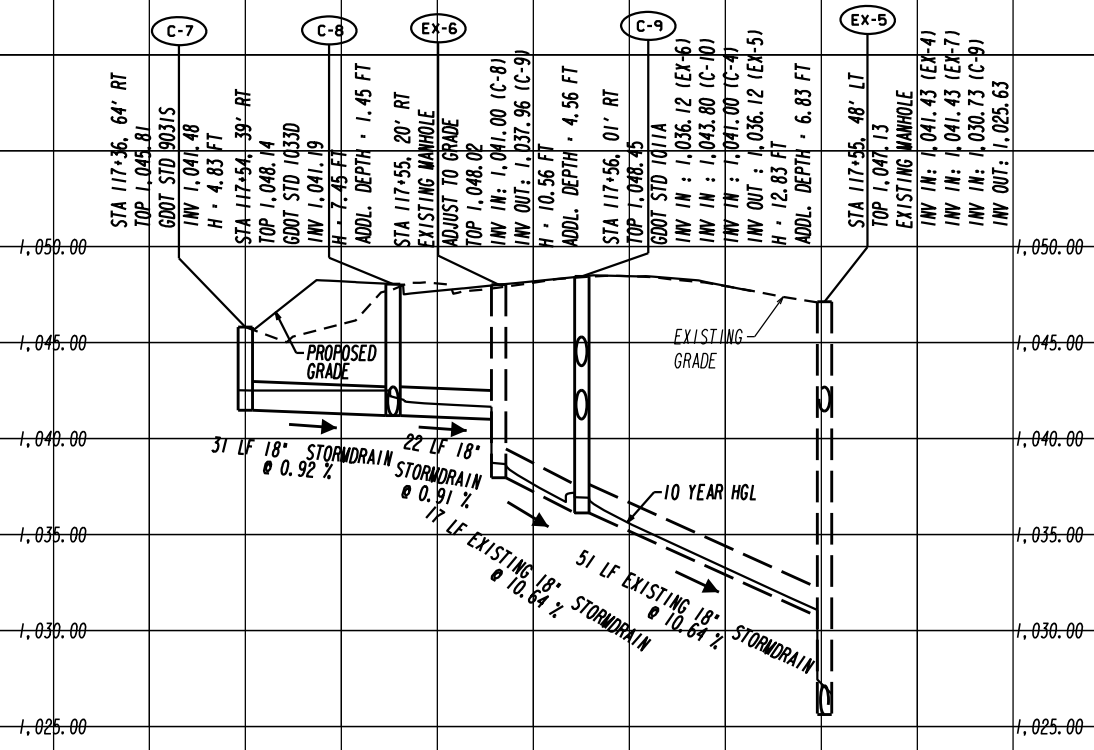
REVISION DATES

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DRAINAGE PROFILES

ASHFORD DUNWOODY ROAD IMPROVEMENTS

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

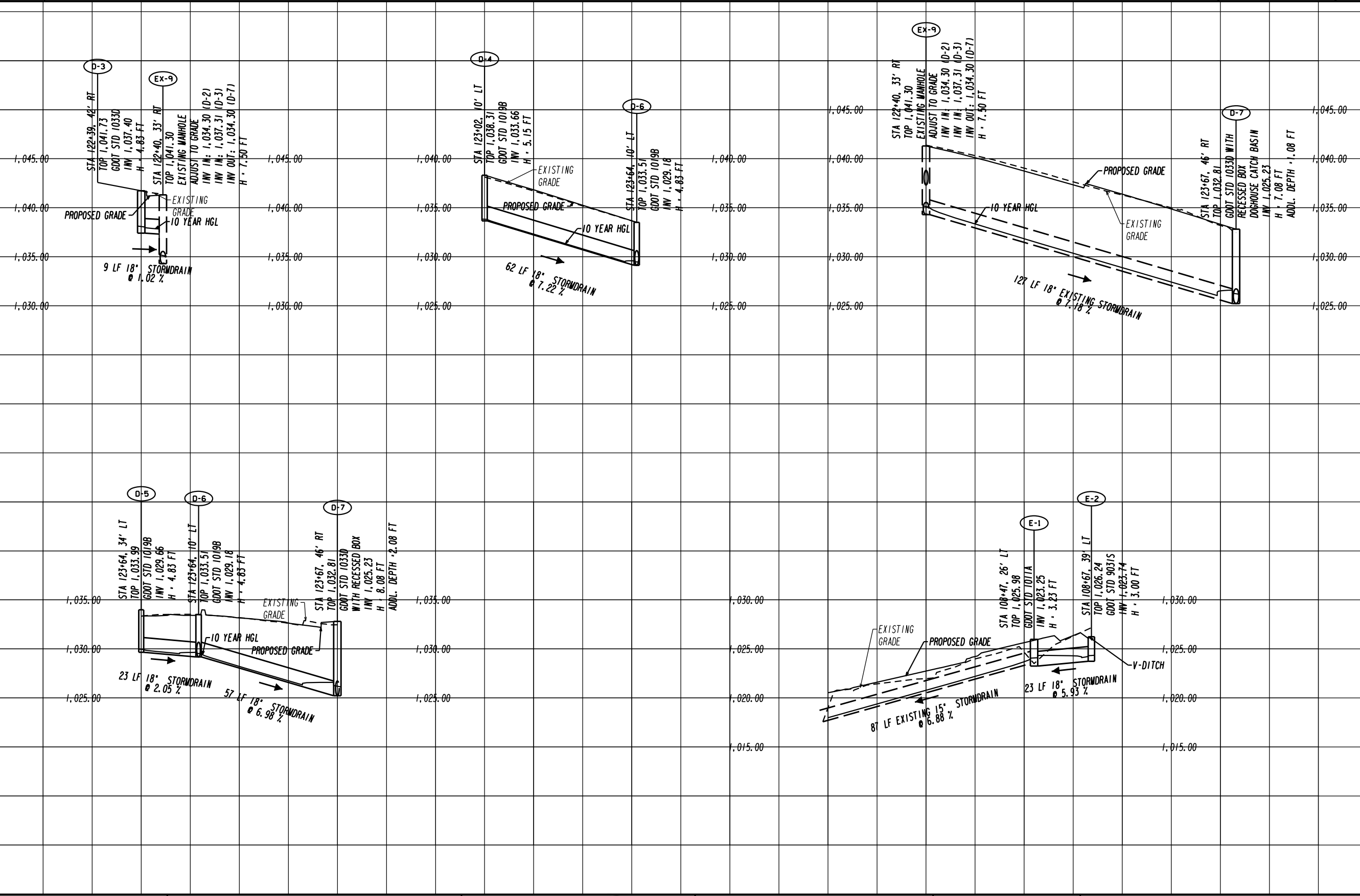


VERTICAL SCALE : 1" = 5'
HORIZONTAL SCALE : 1" = 20'

| REVISION DATES | |
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DRAINAGE PROFILES
ASHFORD DUNWOODY ROAD IMPROVEMENTS

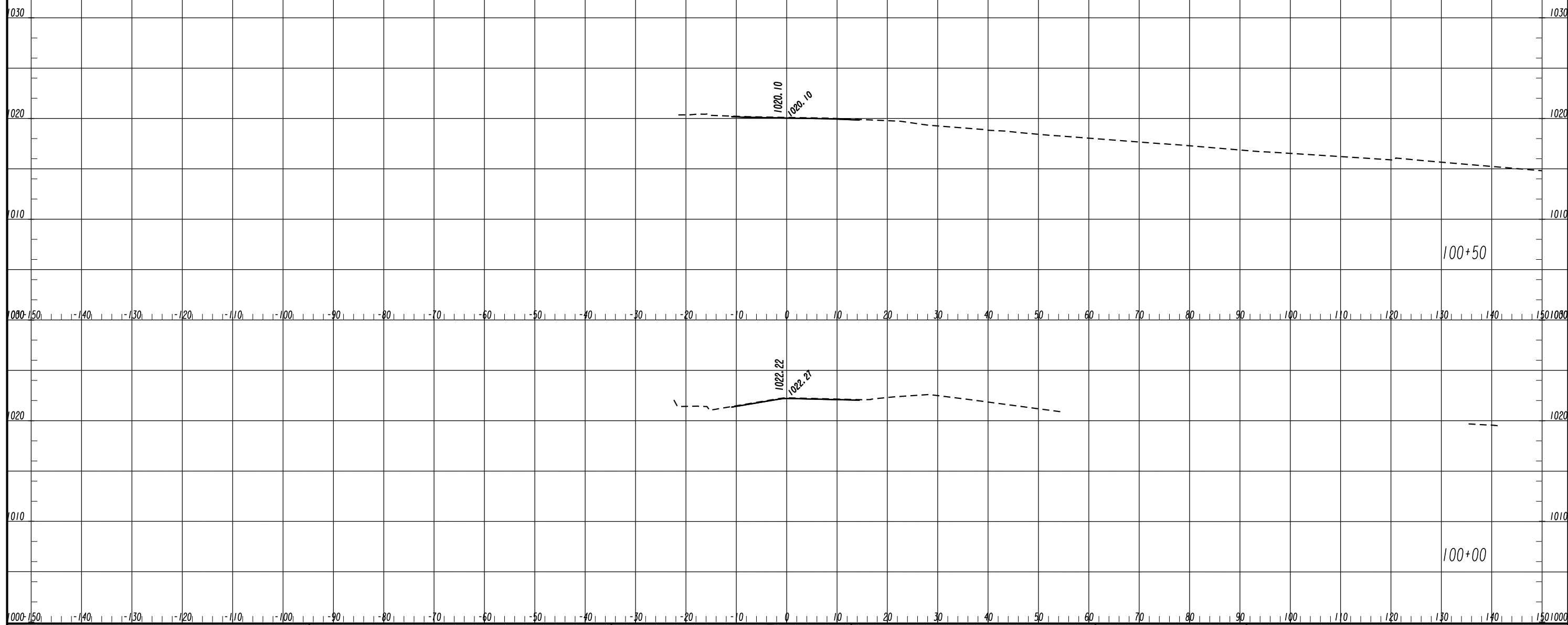
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VERTICAL SCALE : 1" = 5'
HORIZONTAL SCALE : 1" = 20'

REVISION DATES

| DRAINAGE PROFILES | | ASHFORD DUNWOODY ROAD IMPROVEMENTS | |
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| CHECKED: | DATE: | DRAWING No. | |
| BACKCHECKED: | DATE: | 22-0004 | |
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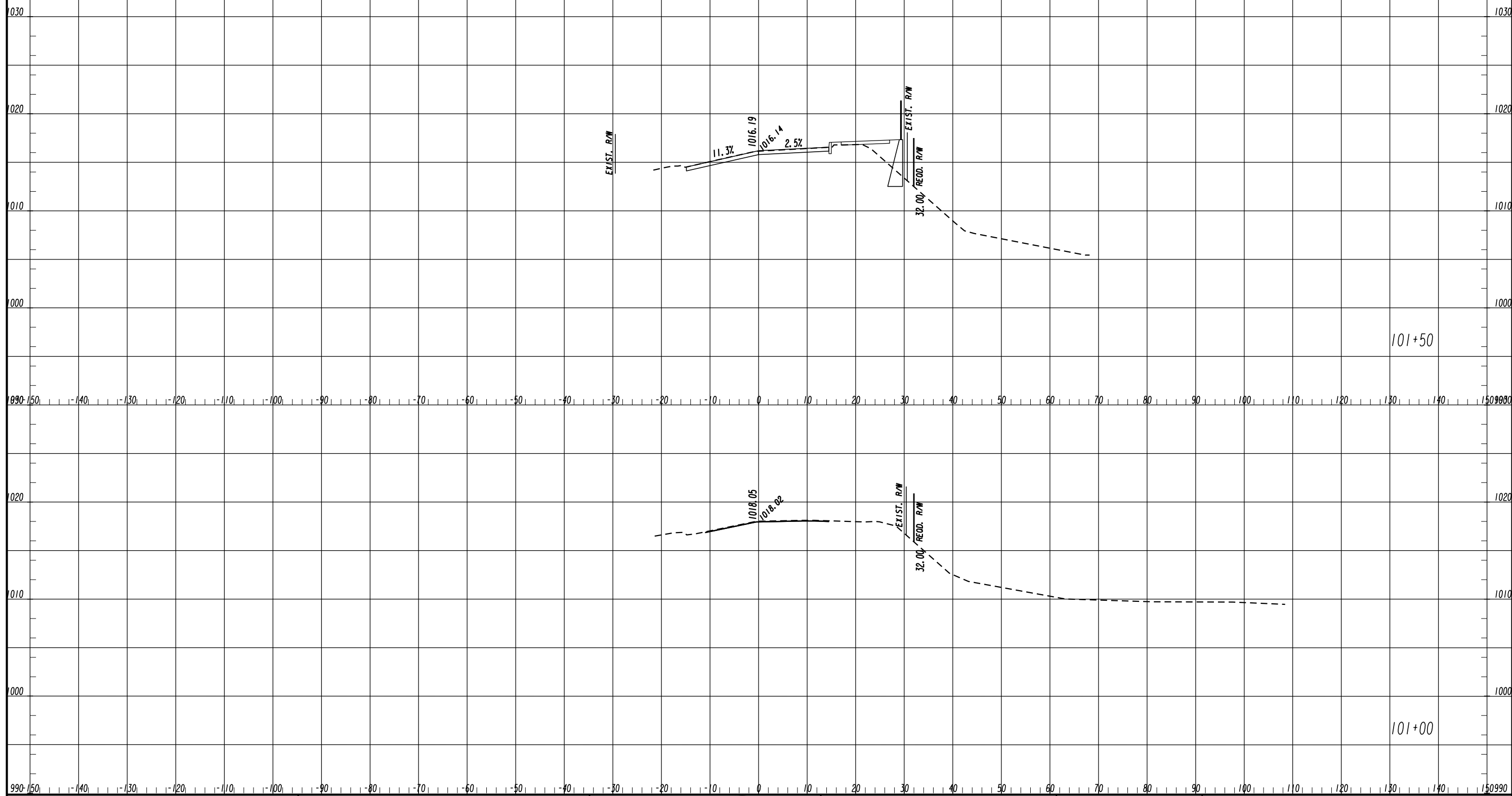
REVISION DATES

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CROSS SECTIONS

ASHFORD DUNWOODY ROAD - MAINLINE

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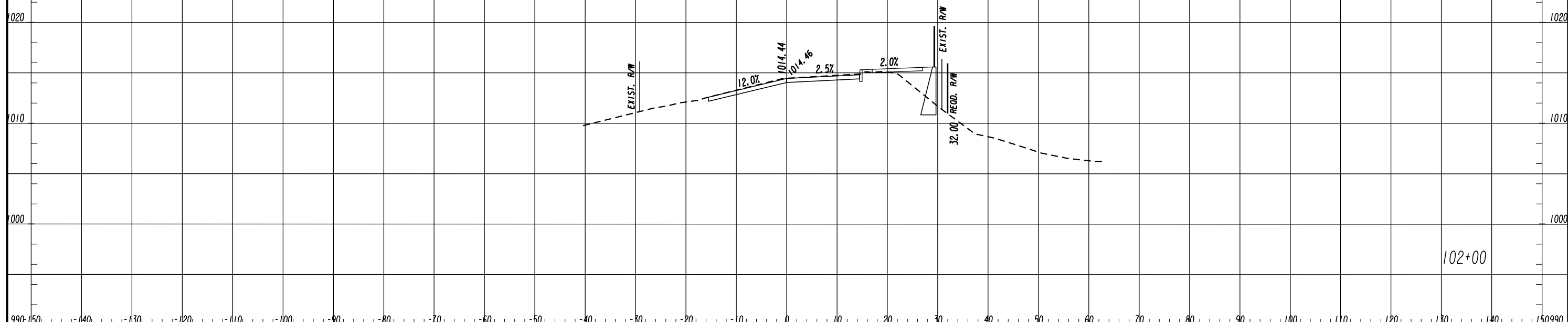
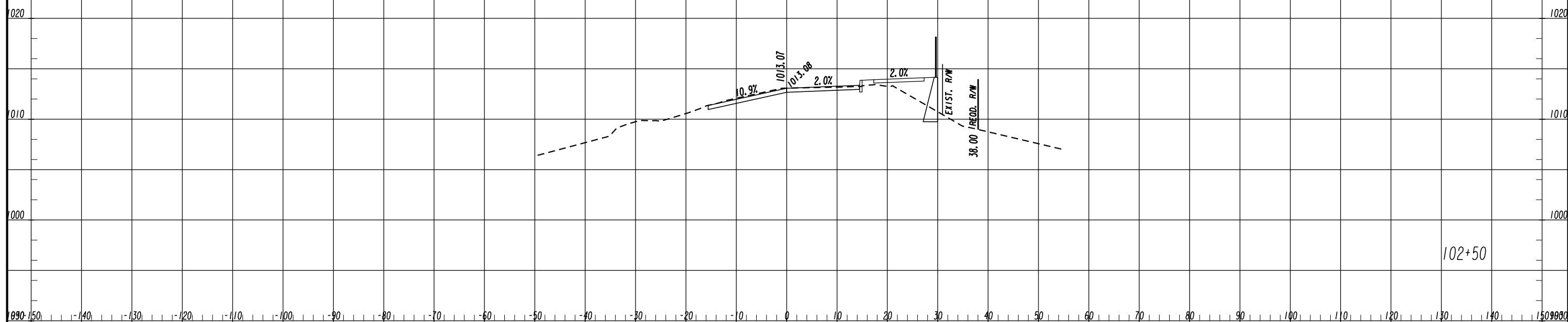


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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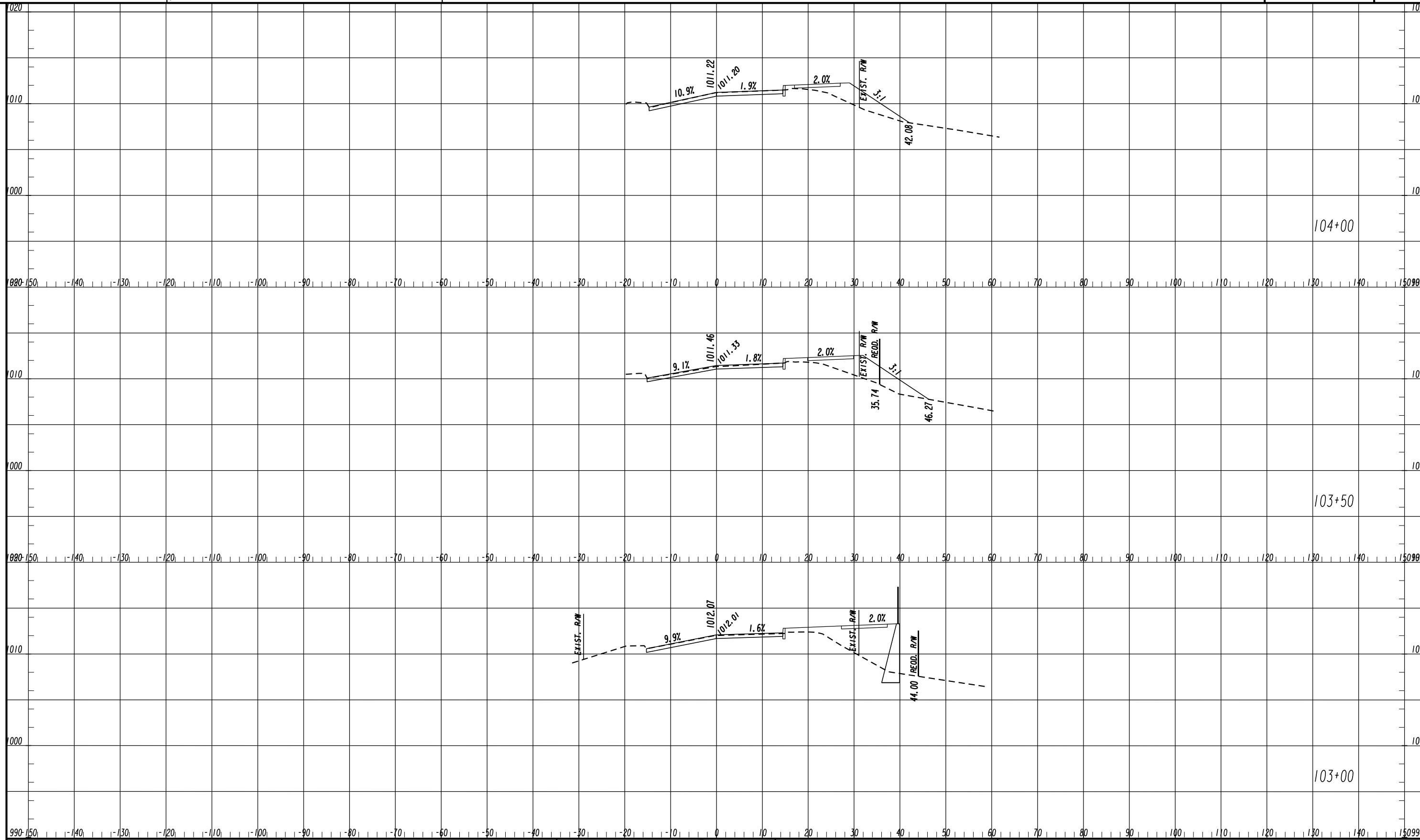


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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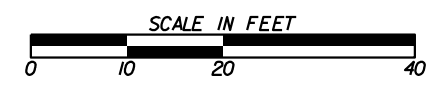
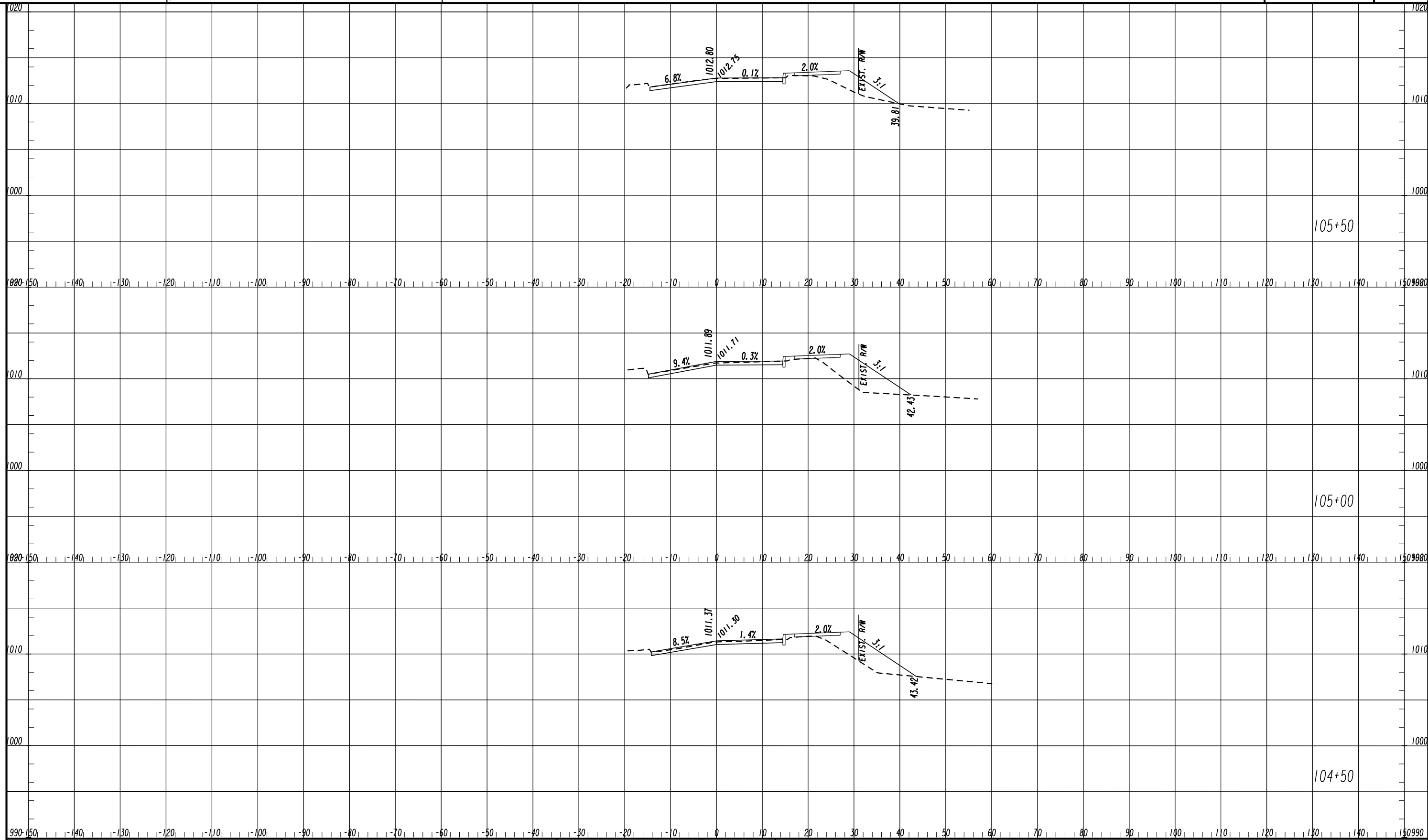


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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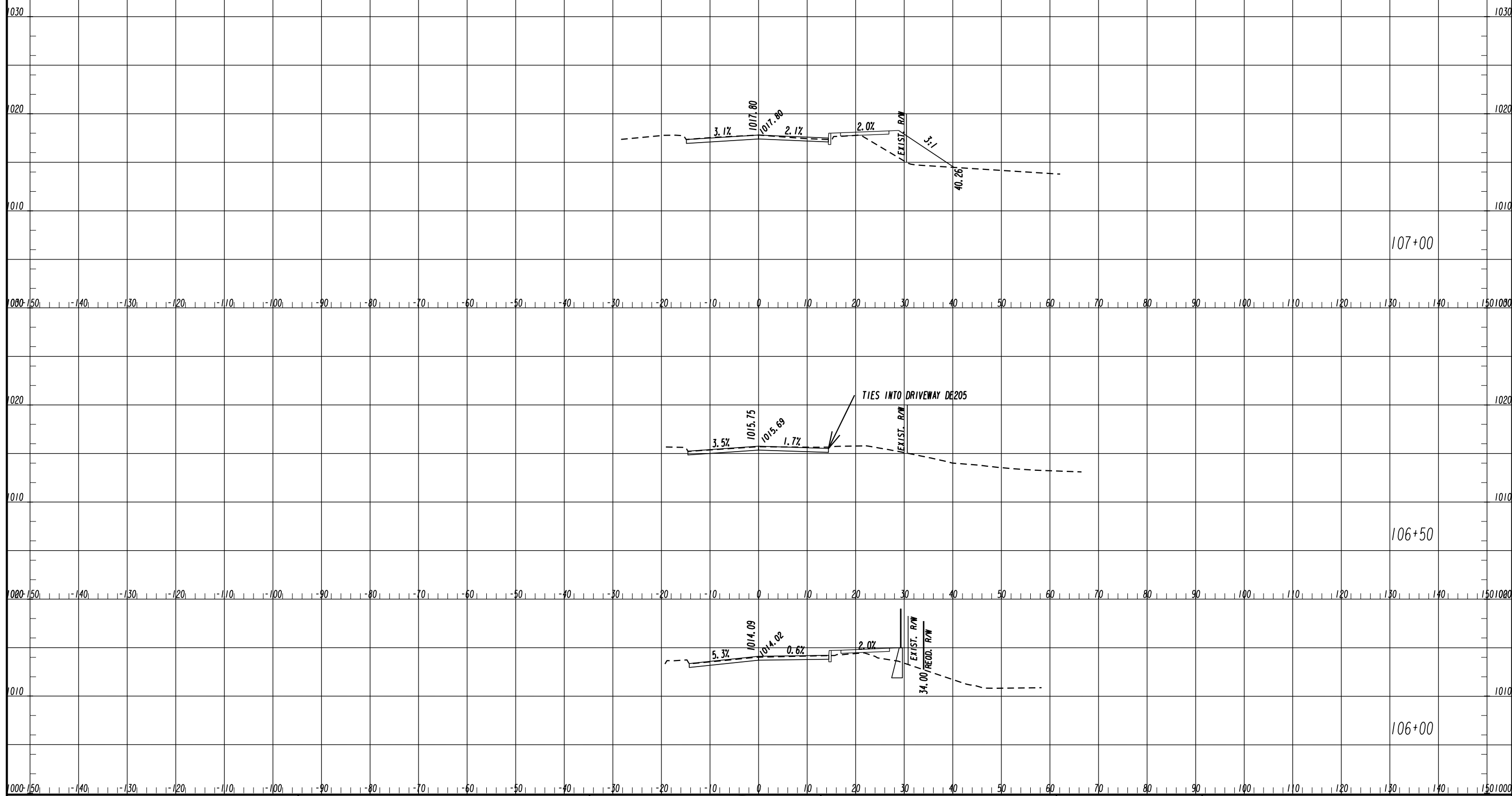


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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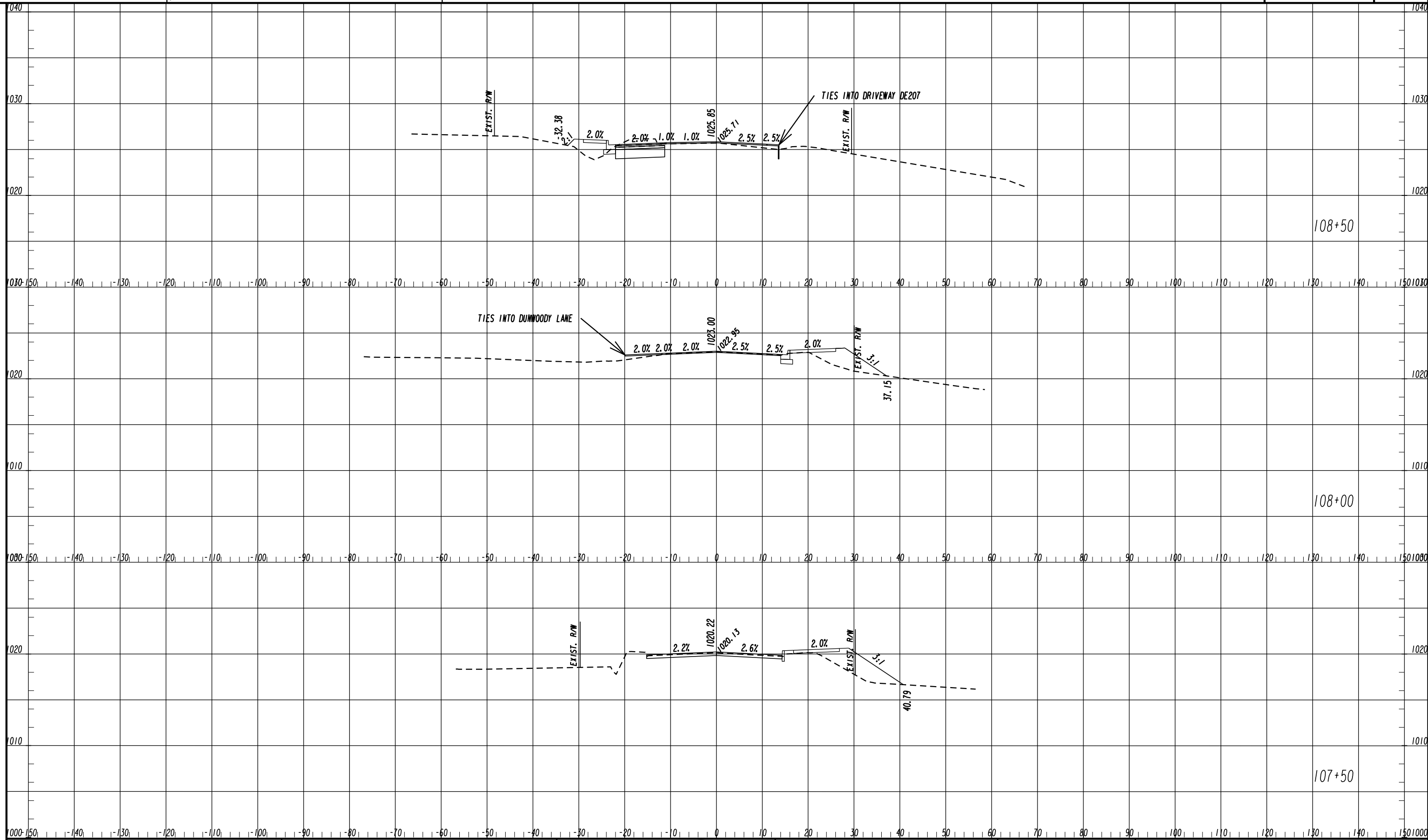


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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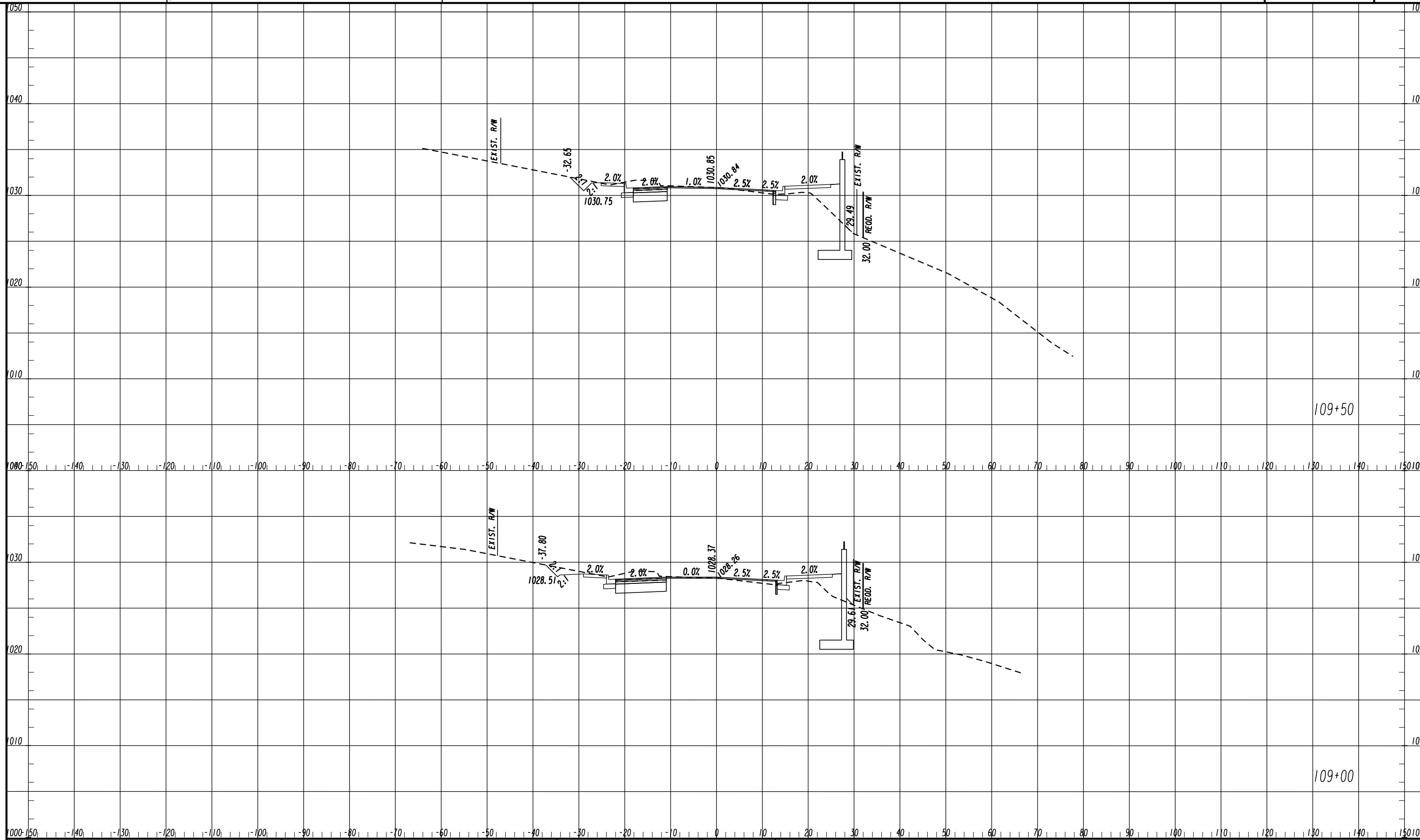
REVISION DATES

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CROSS SECTIONS

ASHFORD DUNWOODY ROAD - MAINLINE

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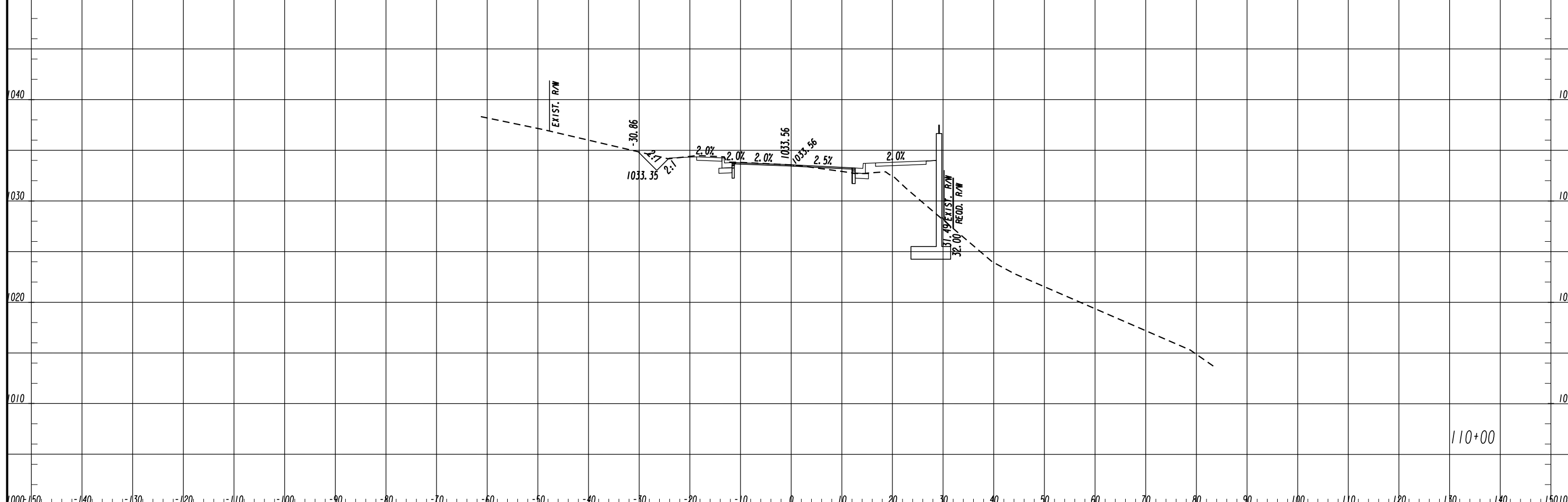
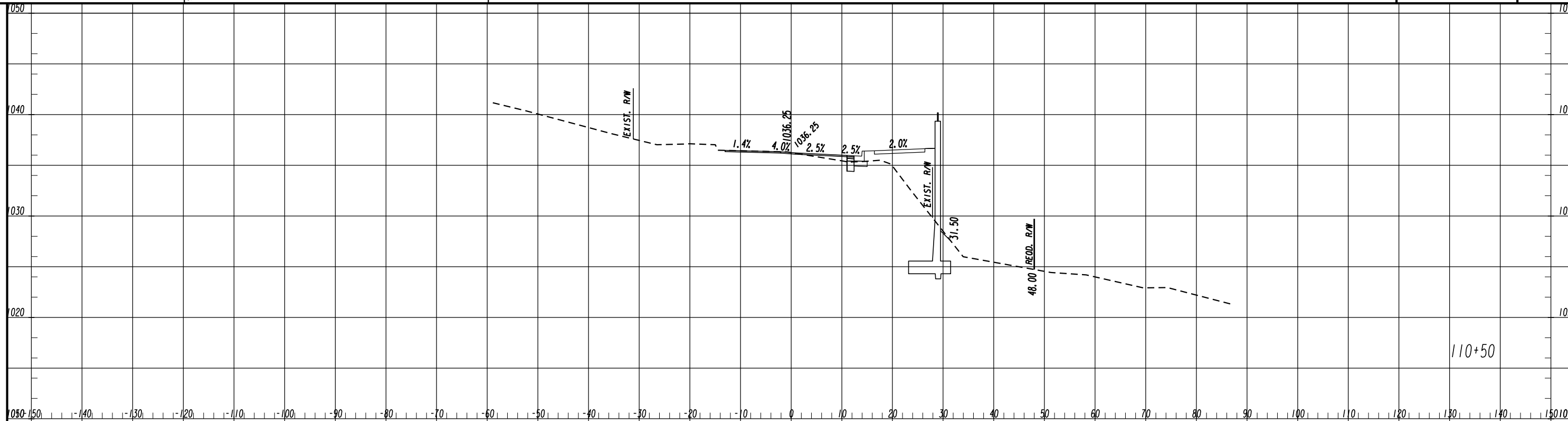
REVISION DATES

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CROSS SECTIONS

ASHFORD DUNWOODY ROAD - MAINLINE

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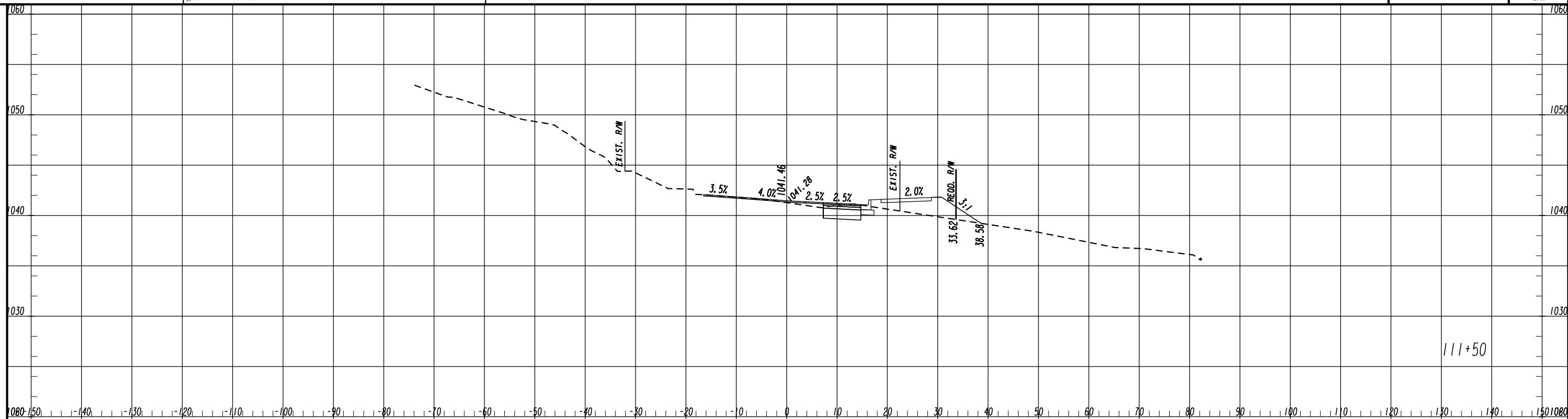


REVISION DATES

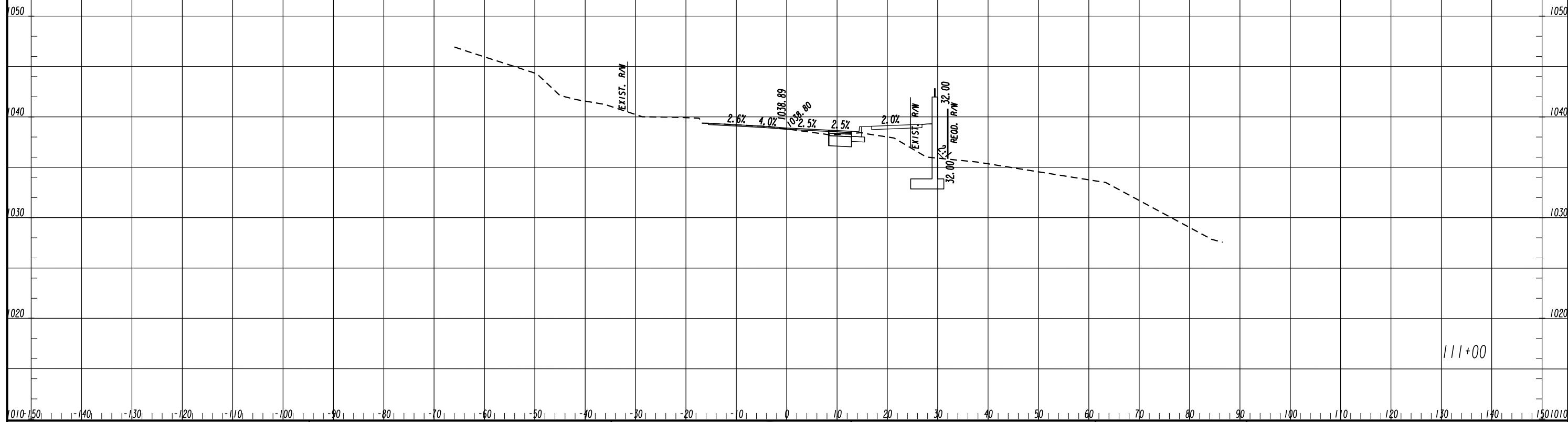
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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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111+50



111+00

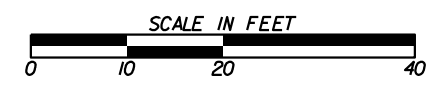
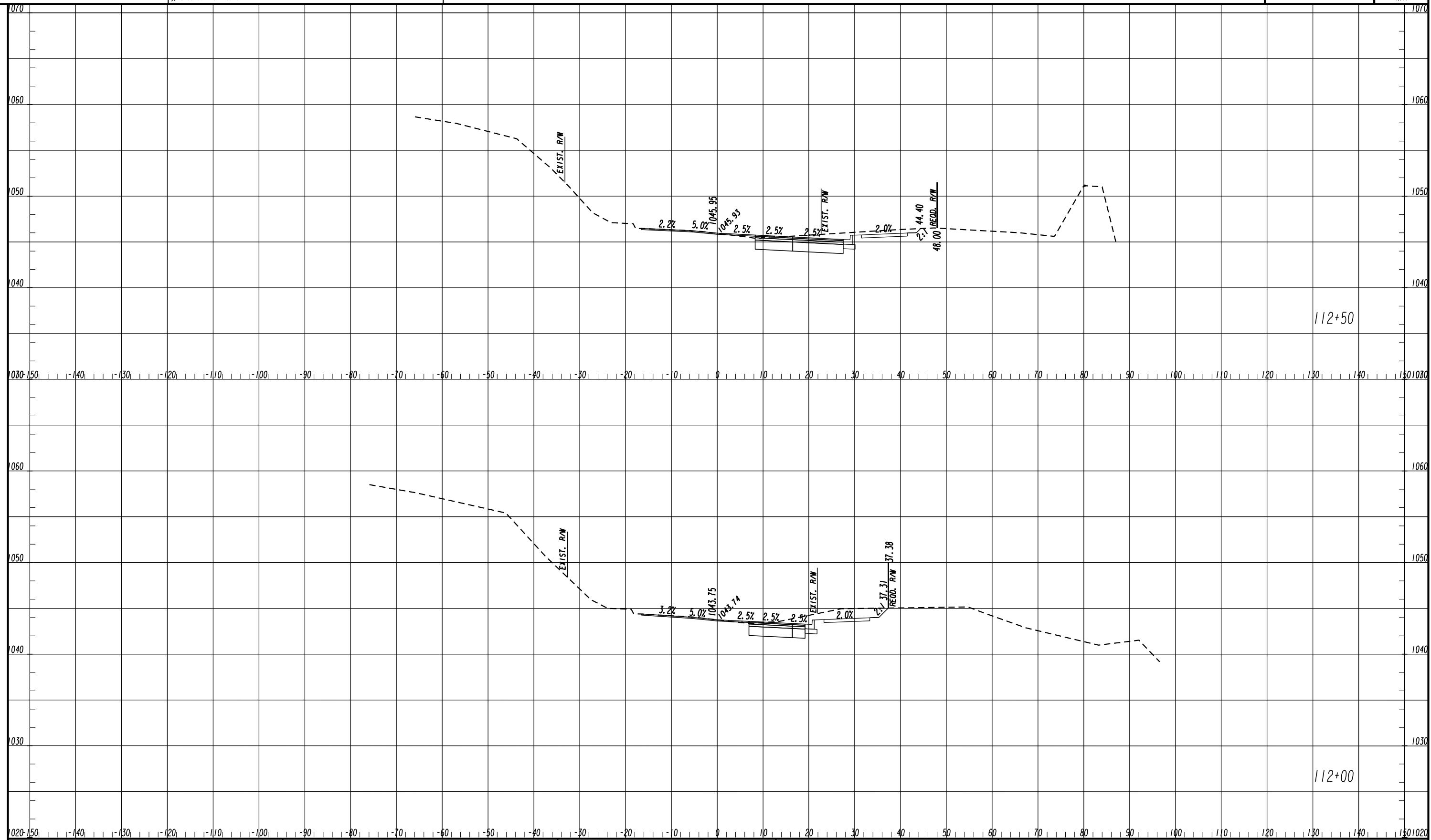


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

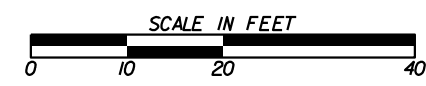
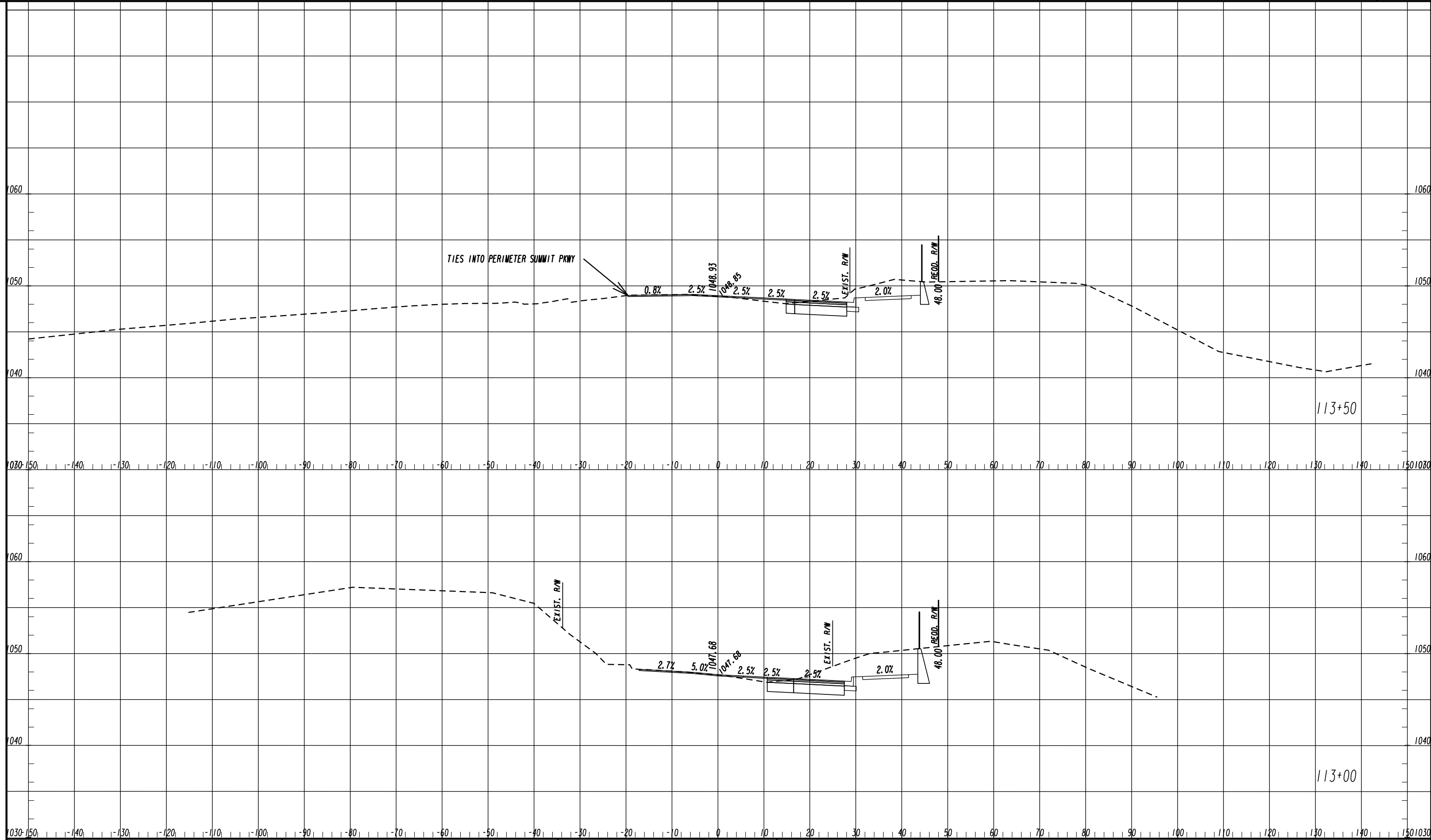
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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

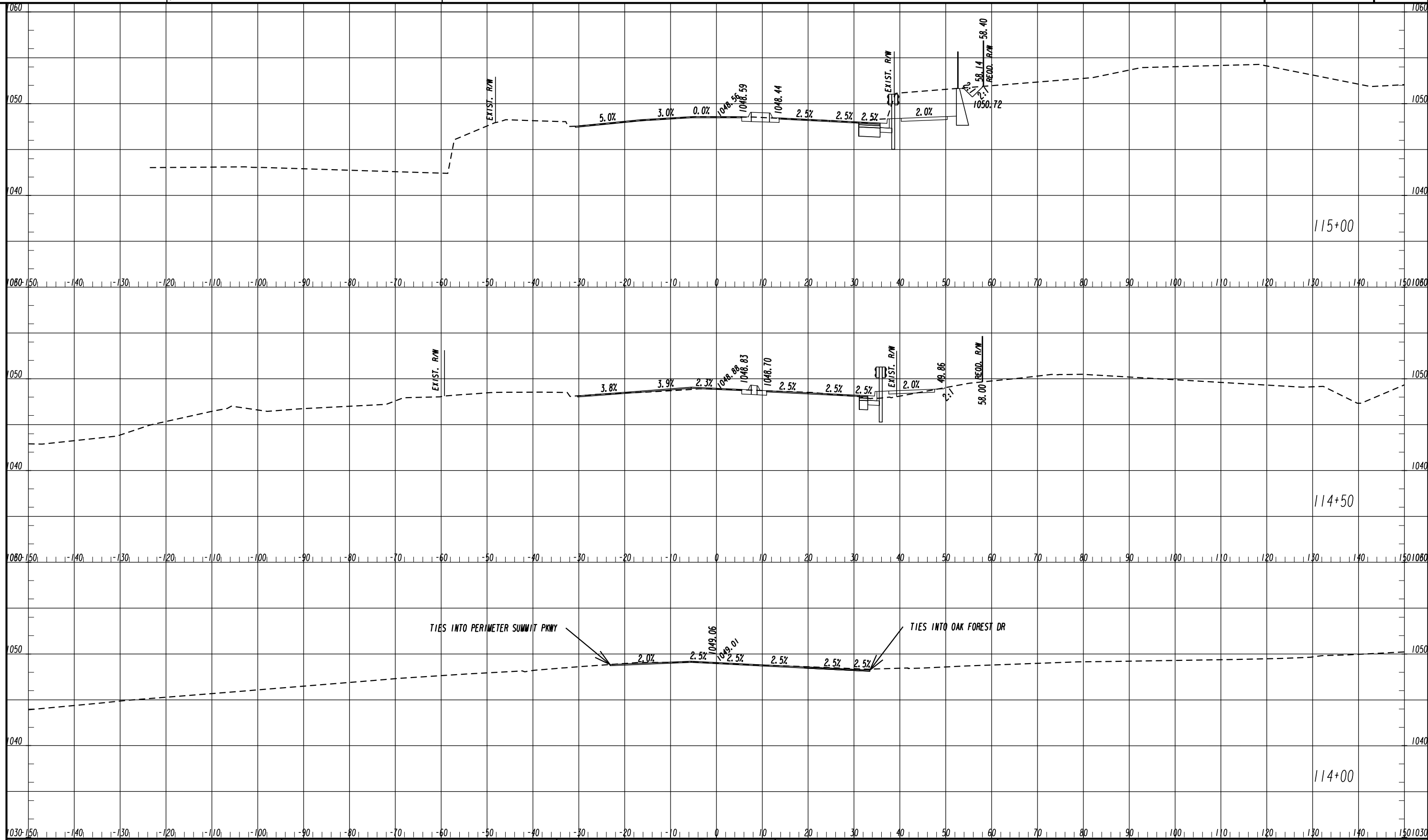
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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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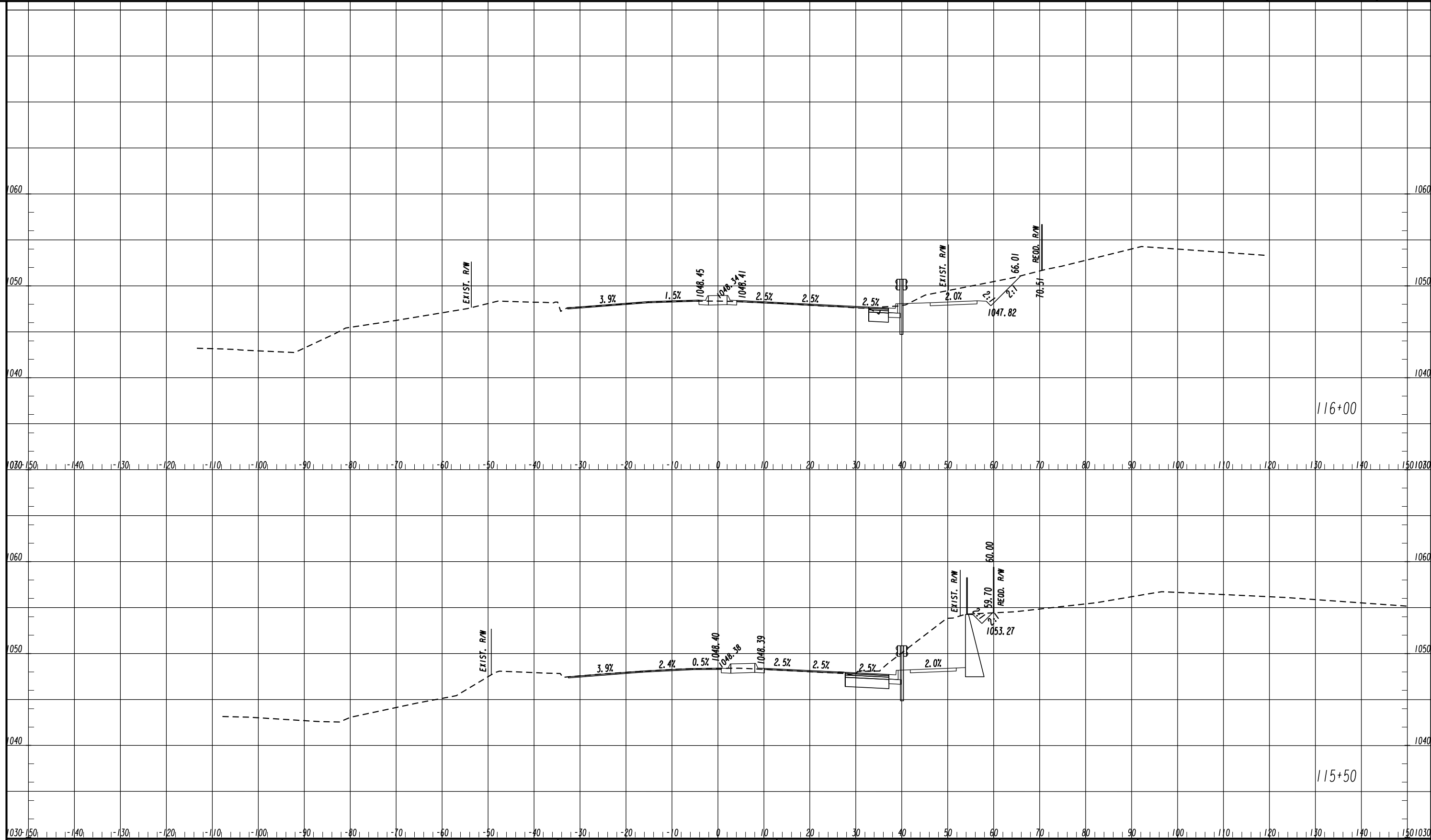
REVISION DATES

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CROSS SECTIONS

ASHFORD DUNWOODY ROAD - MAINLINE

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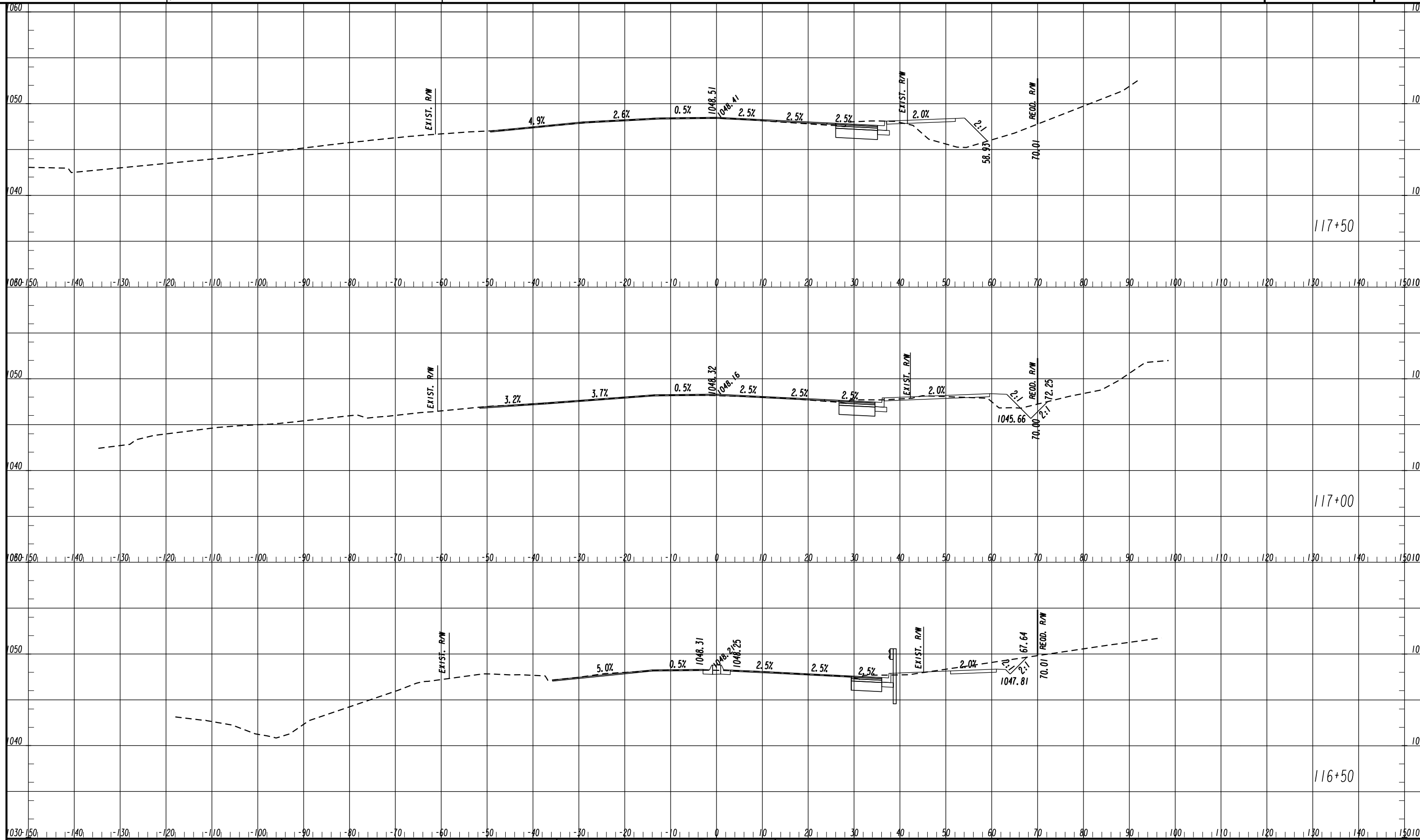
REVISION DATES

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CROSS SECTIONS

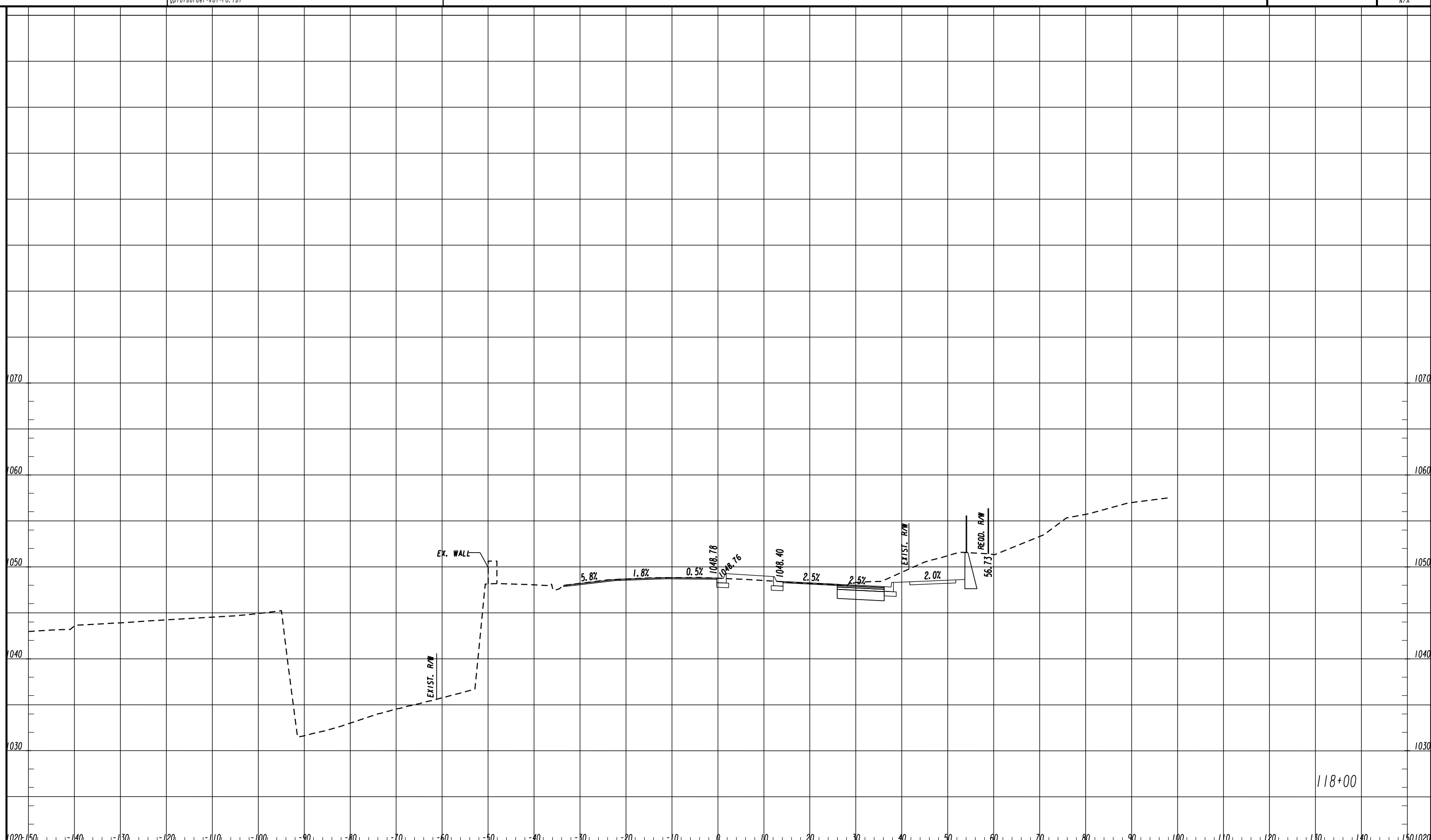
ASHFORD DUNWOODY ROAD - MAINLINE

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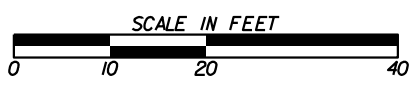


| REVISION DATES | |
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| CROSS SECTIONS | | |
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| ASHFORD DUNWOODY ROAD - MAINLINE | | |
| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 23-0015 |
| CORRECTED: | DATE: | |
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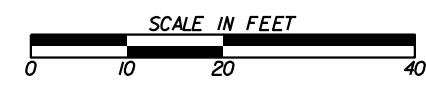
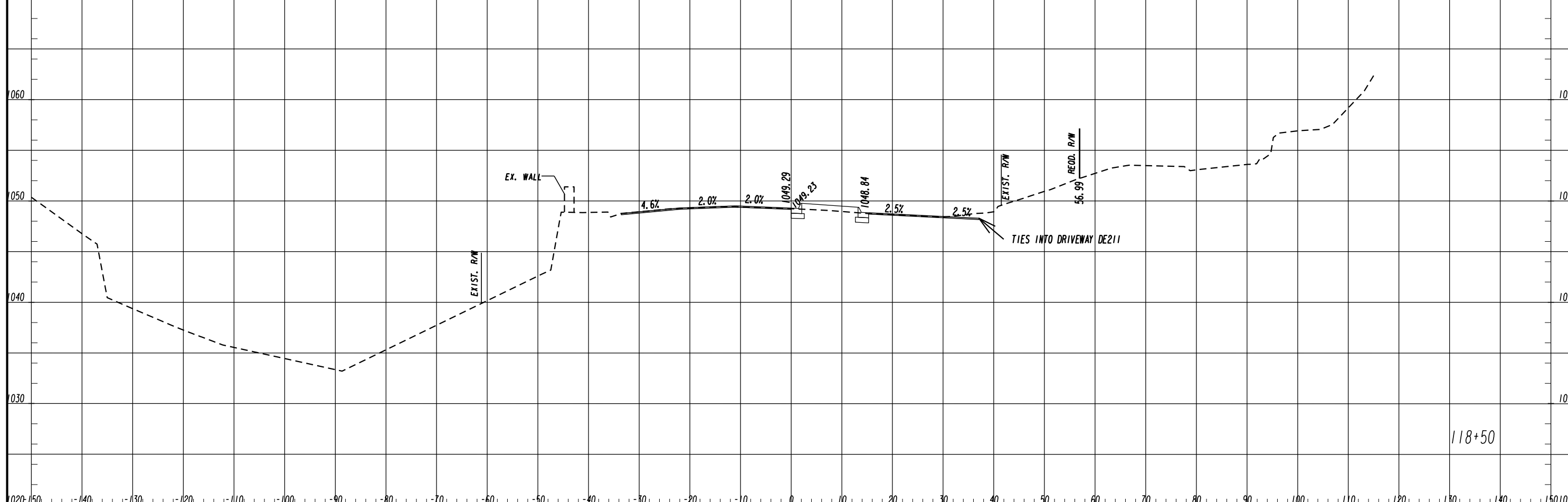
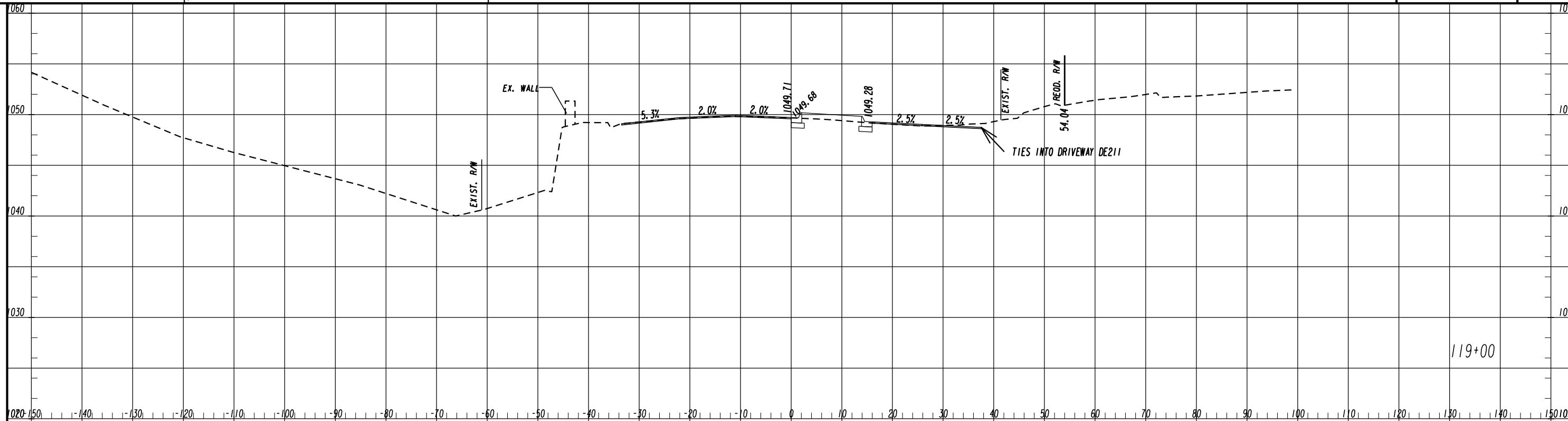
118+00



REVISION DATES

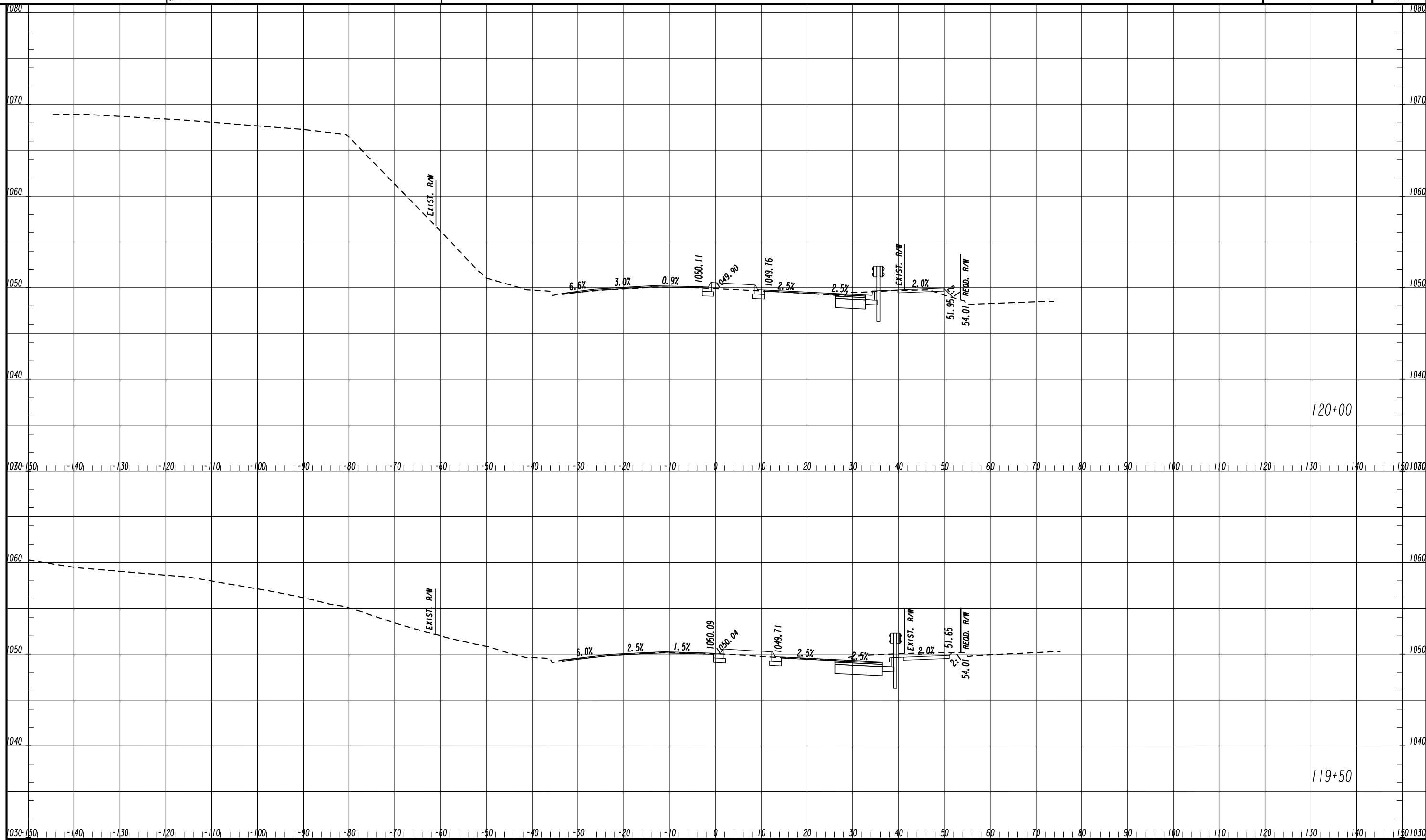
CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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| BACKCHECKED: | DATE: | 23-0016 |
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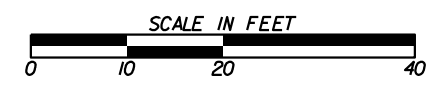
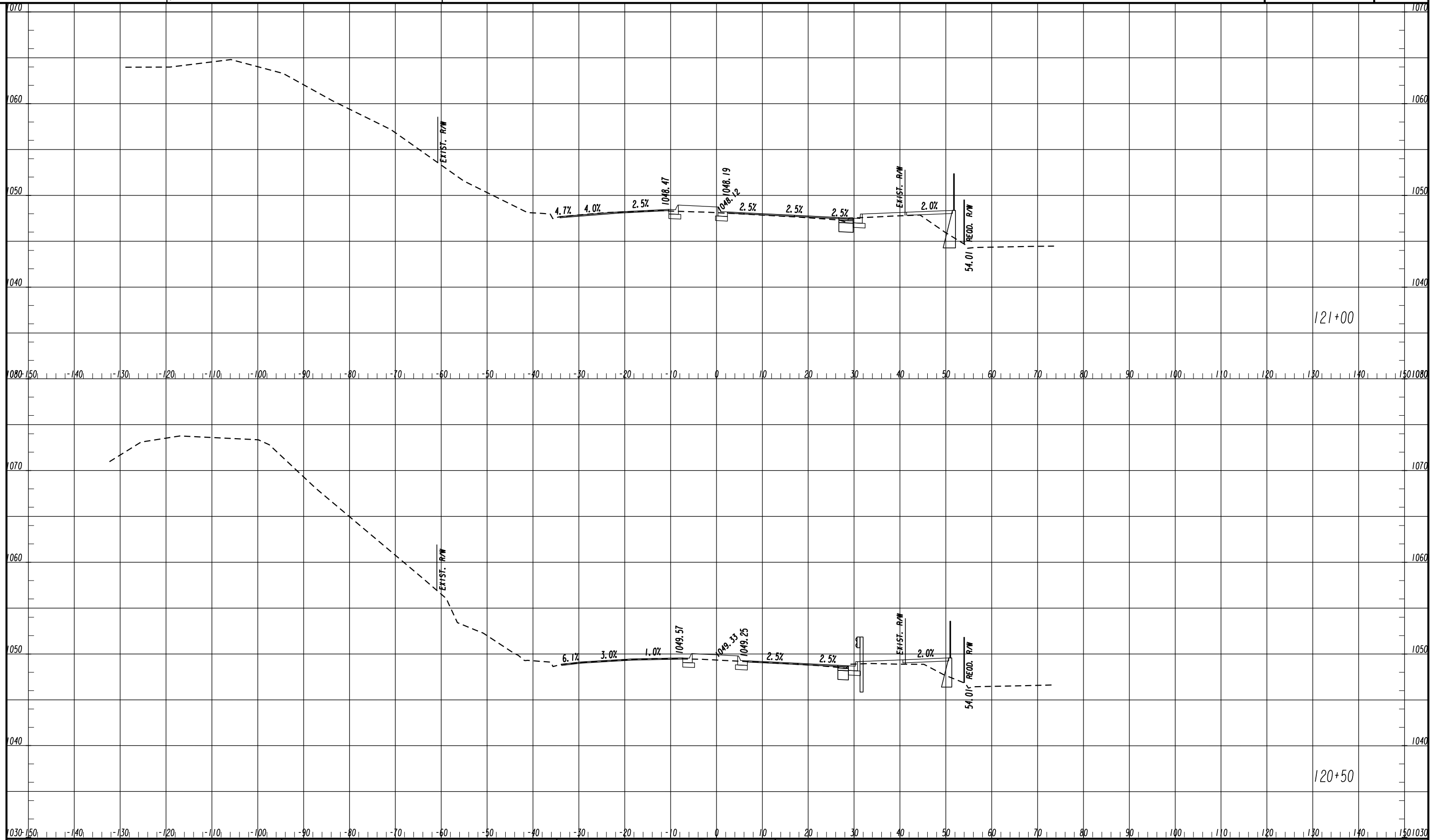
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| CROSS SECTIONS | | |
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| ASHFORD DUNWOODY ROAD - MAINLINE | | |
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| CROSS SECTIONS | | |
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| ASHFORD DUNWOODY ROAD - MAINLINE | | |
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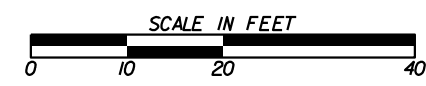
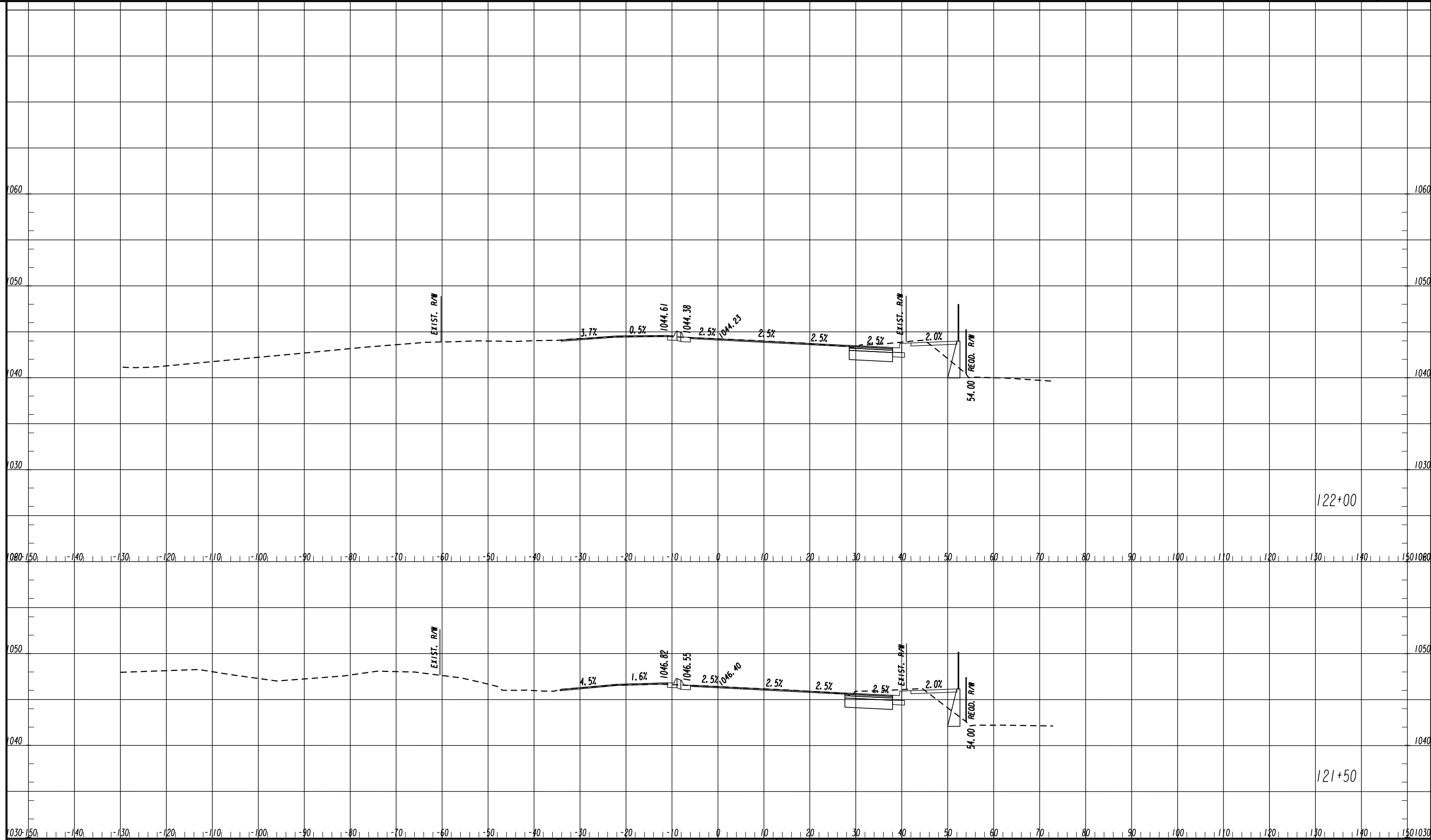


REVISION DATES

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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

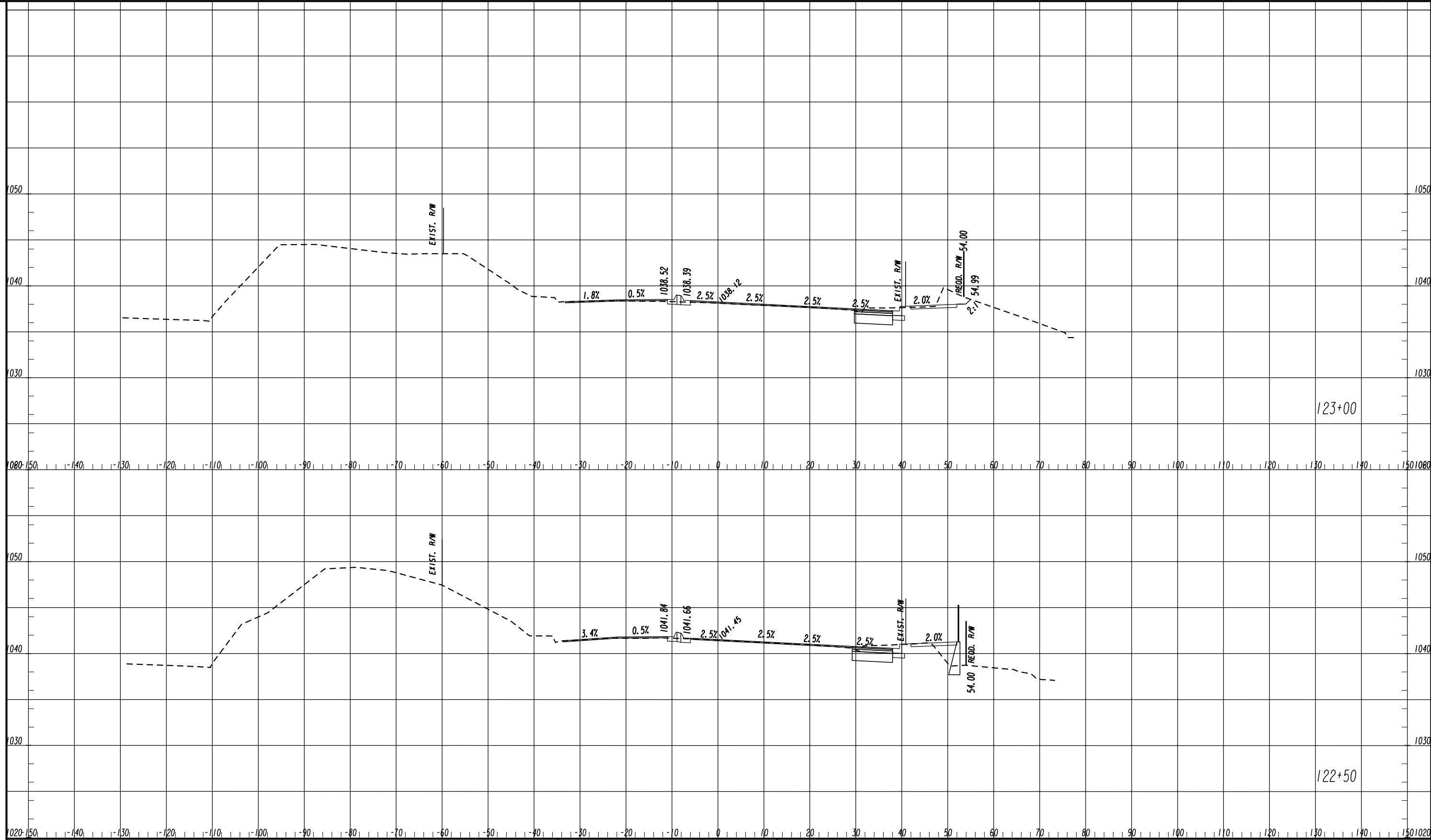
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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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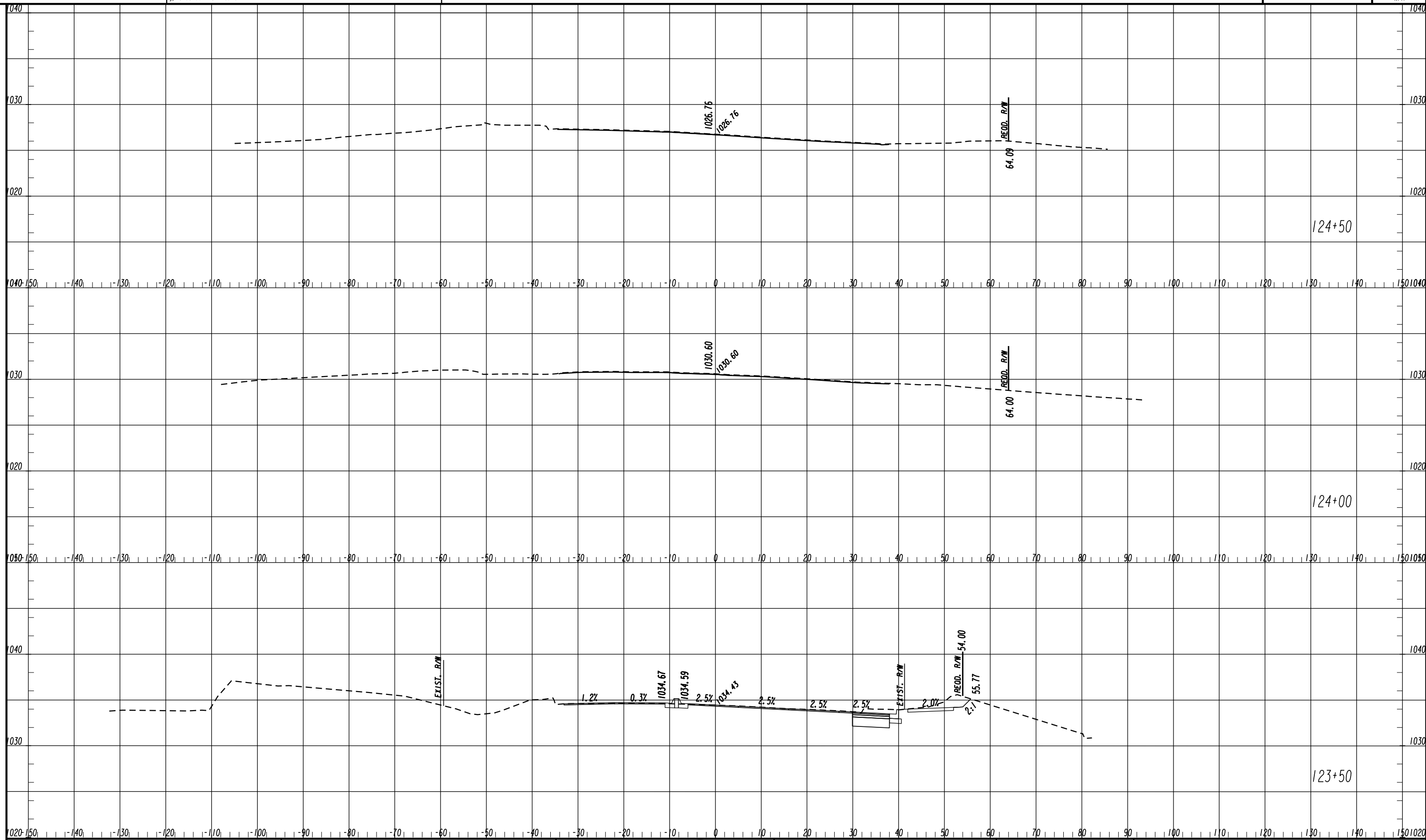
REVISION DATES

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CROSS SECTIONS

ASHFORD DUNWOODY ROAD - MAINLINE

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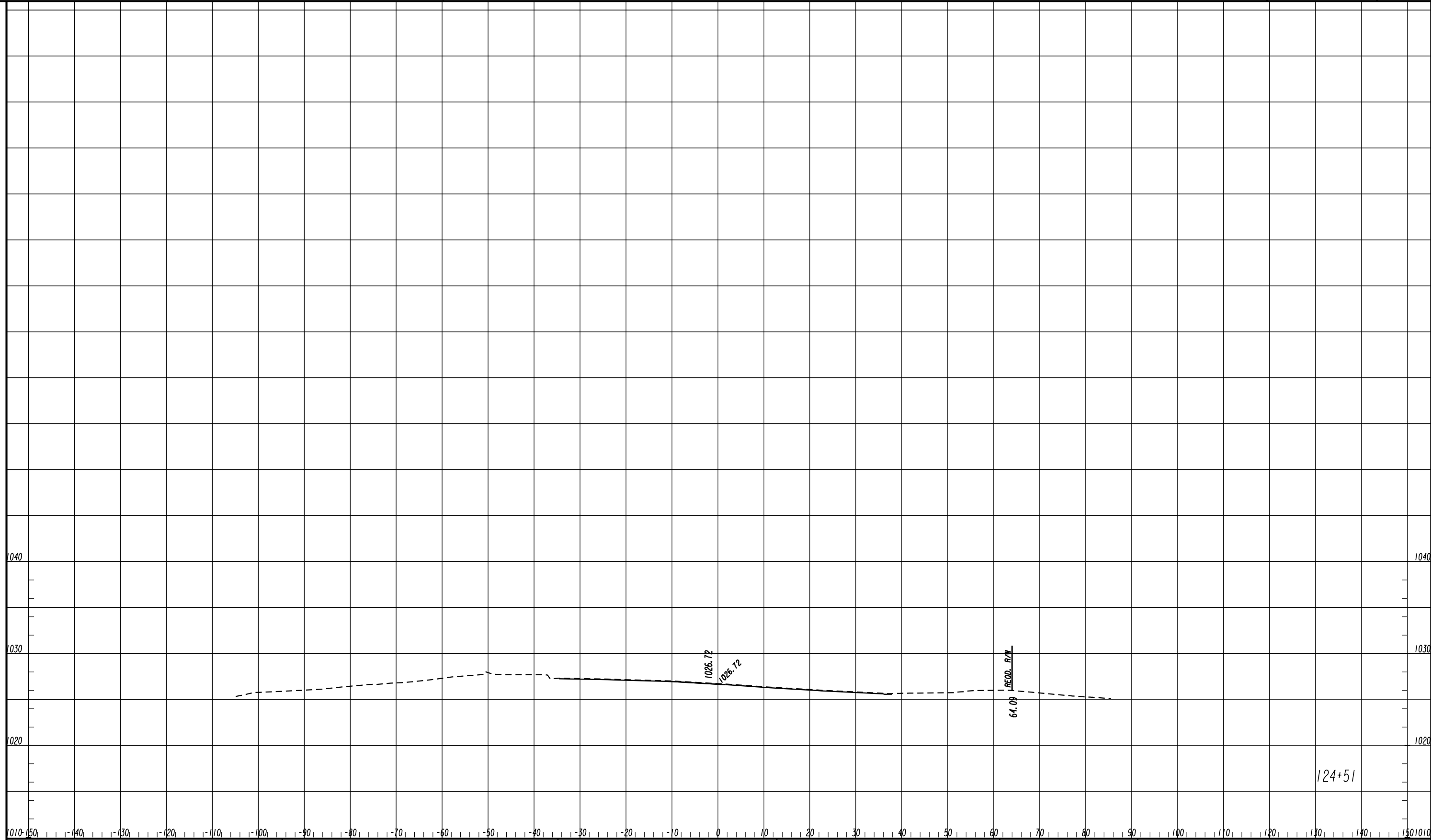


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CROSS SECTIONS
ASHFORD DUNWOODY ROAD - MAINLINE

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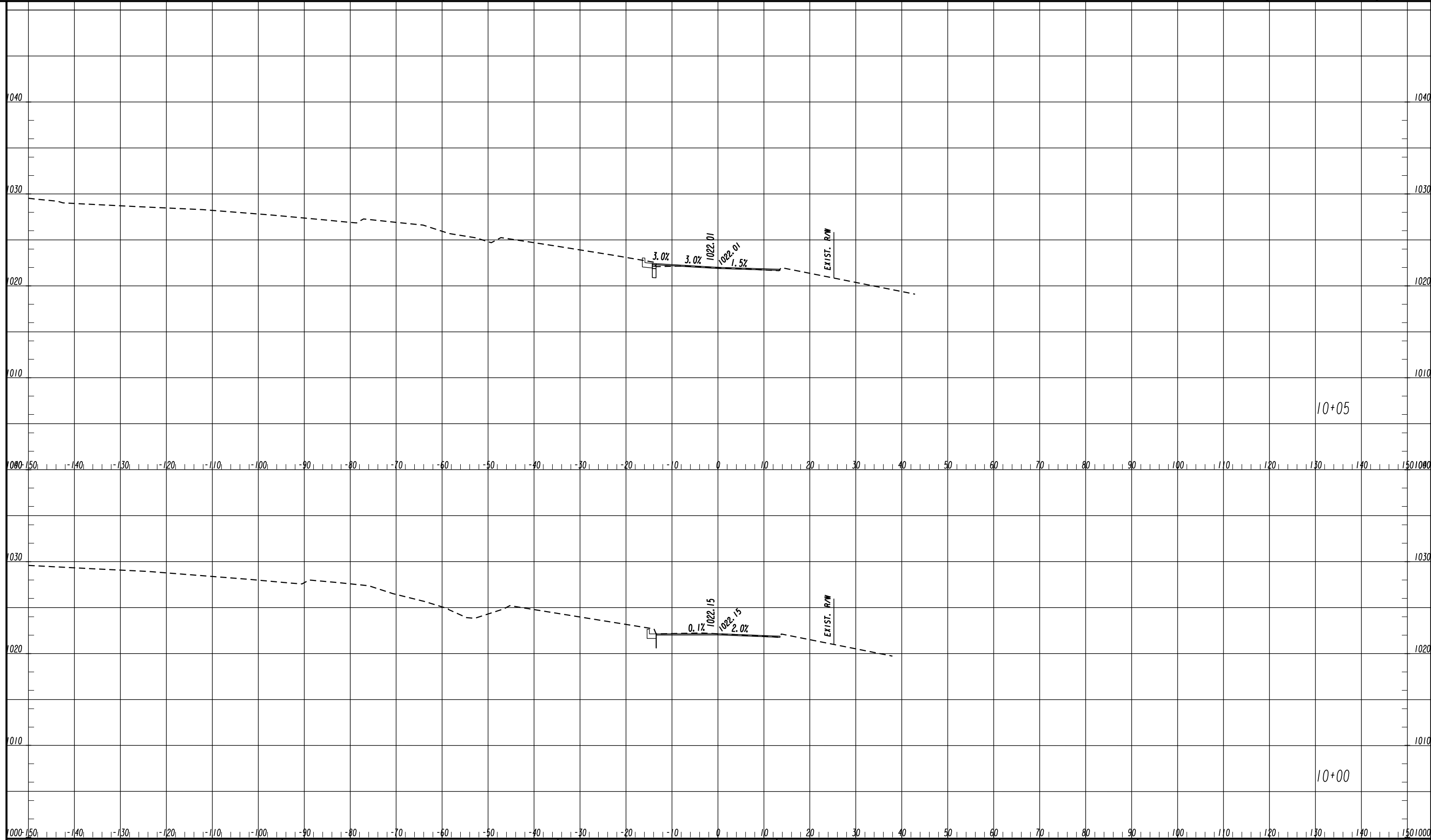
REVISION DATES

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CROSS SECTIONS

ASHFORD DUNWOODY ROAD - MAINLINE

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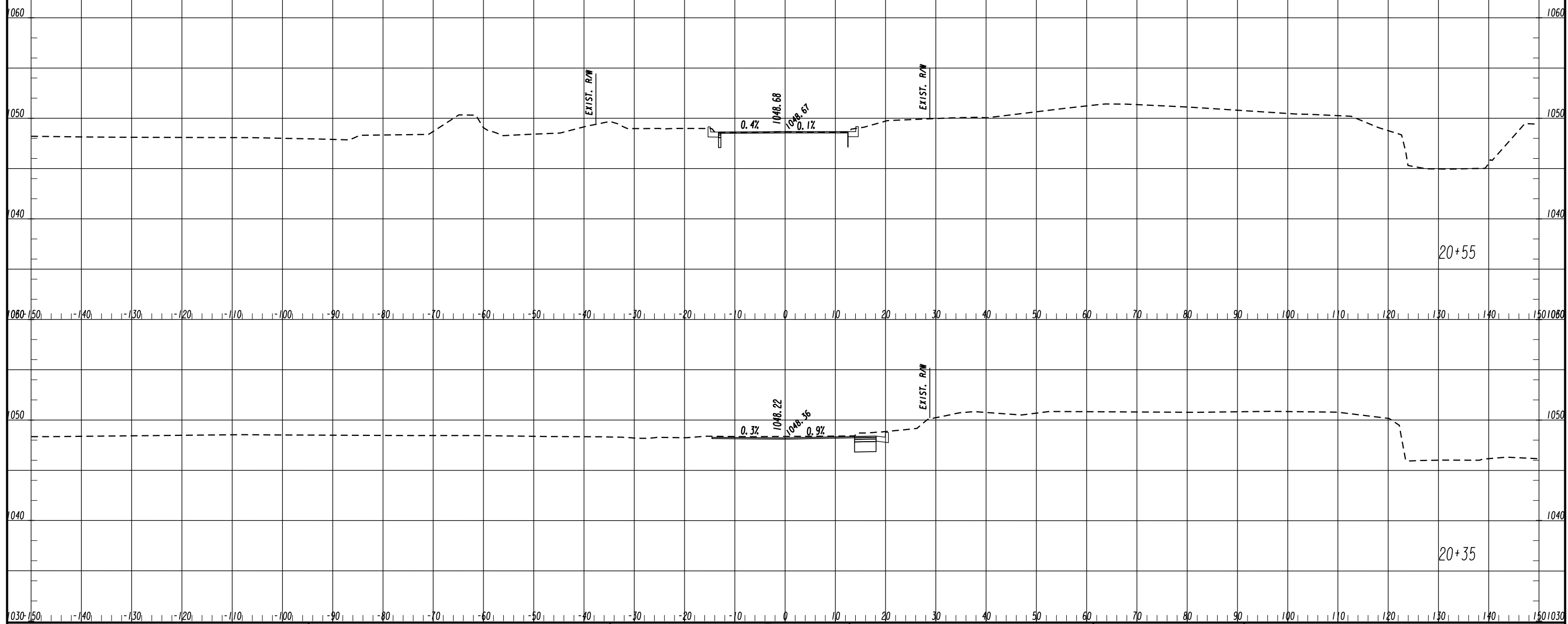


REVISION DATES

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CROSS SECTIONS
DUNWOODY LANE

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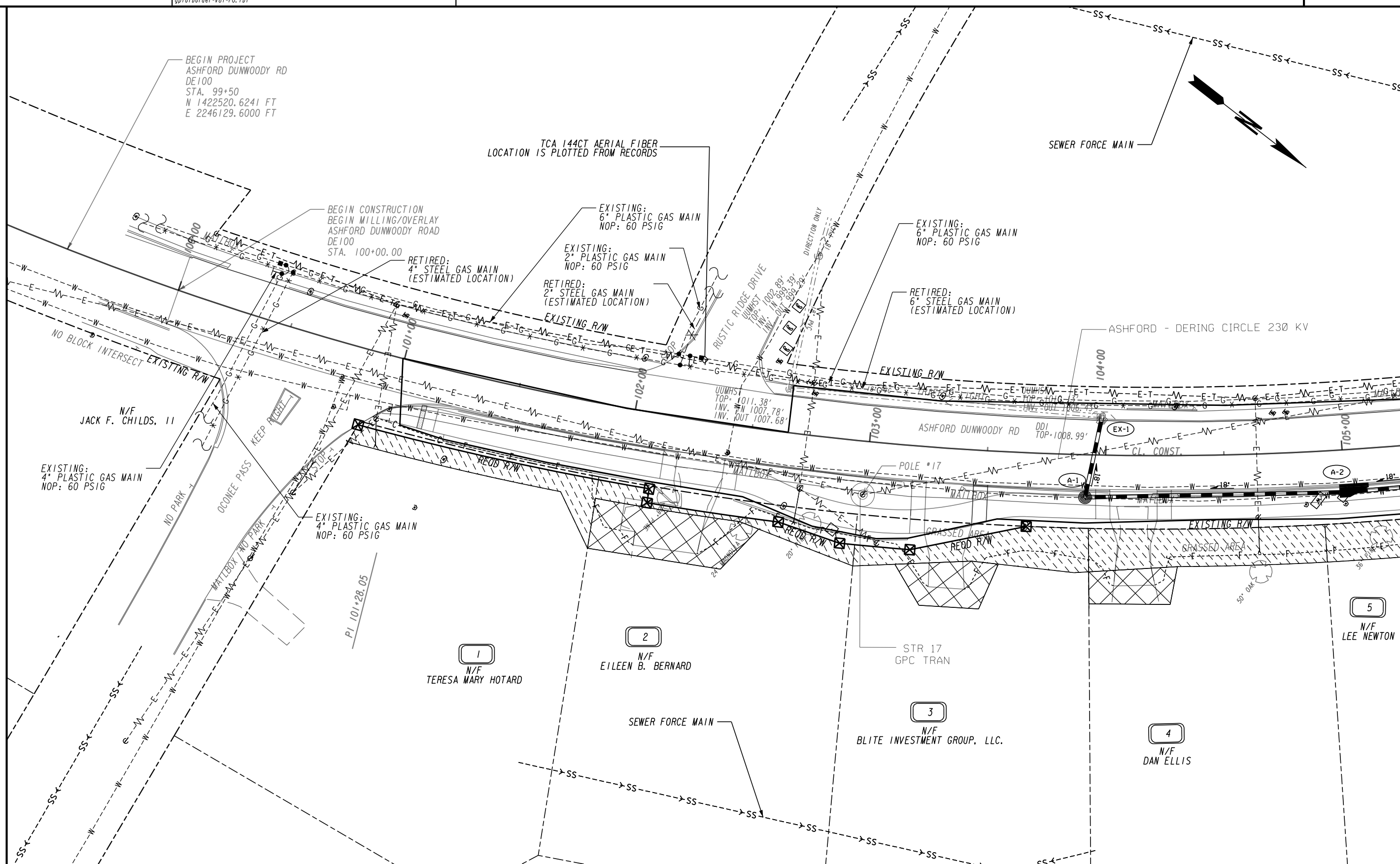


REVISION DATES

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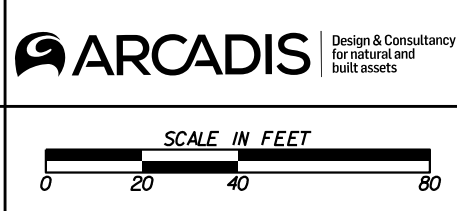
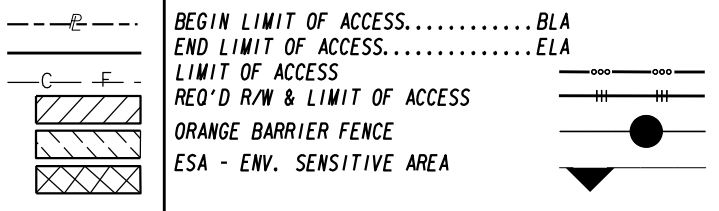
CROSS SECTIONS
OAK FOREST DR

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| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 23-0025 |
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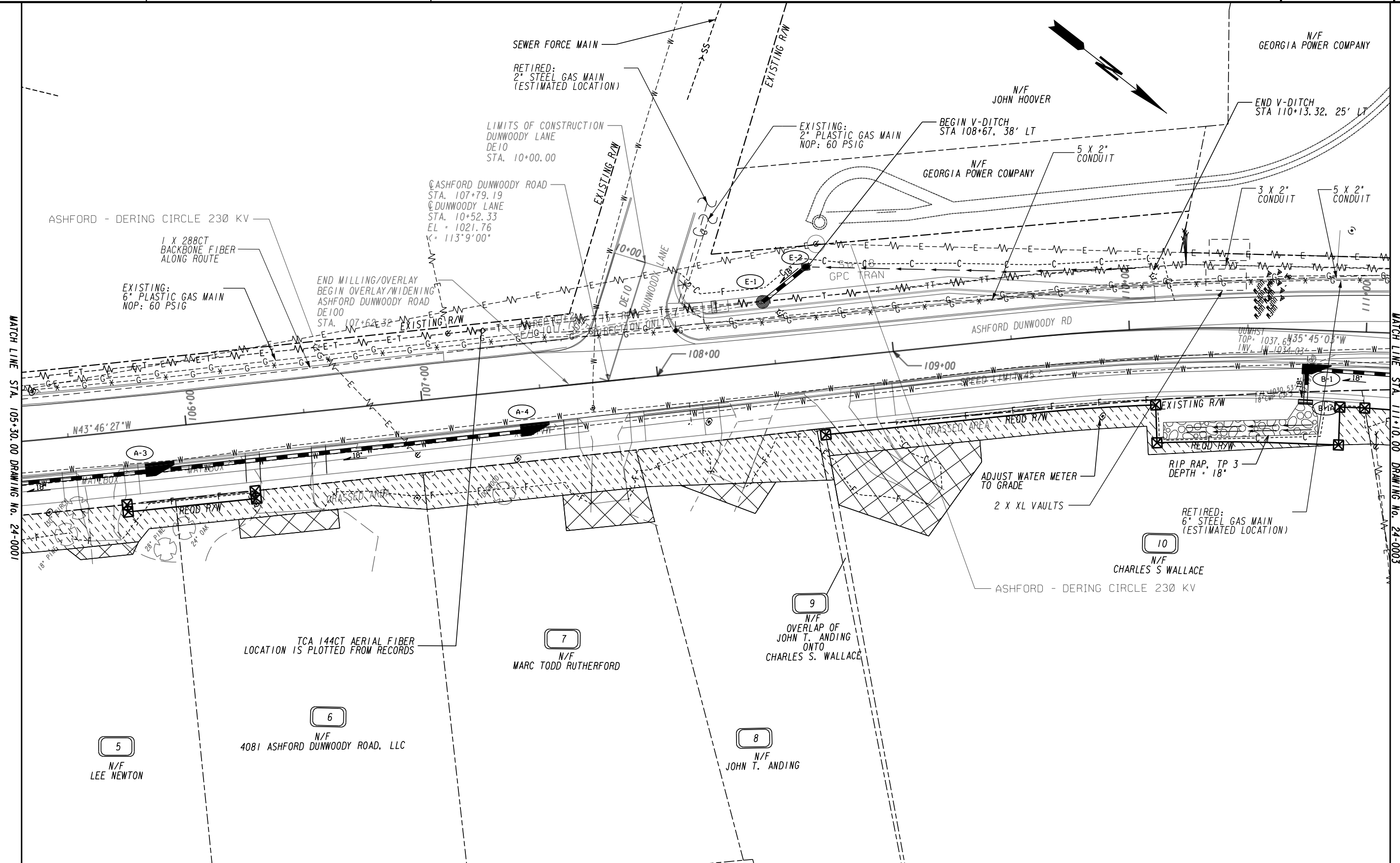
MATCH LINE STA. 105+30.00 DRAWING No. 24-0002

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



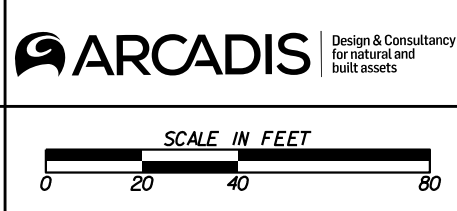
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| CENTRAL DEKALB PERIMETER CID | | |
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| ASHFORD DUNWOODY ROAD IMPROVEMENTS | | |
| UTILITY PLANS | | |
| CHECKED: | DATE: | DRAWING No. |
| BACKCHECKED: | DATE: | 24-0001 |
| CORRECTED: | DATE: | |
| 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

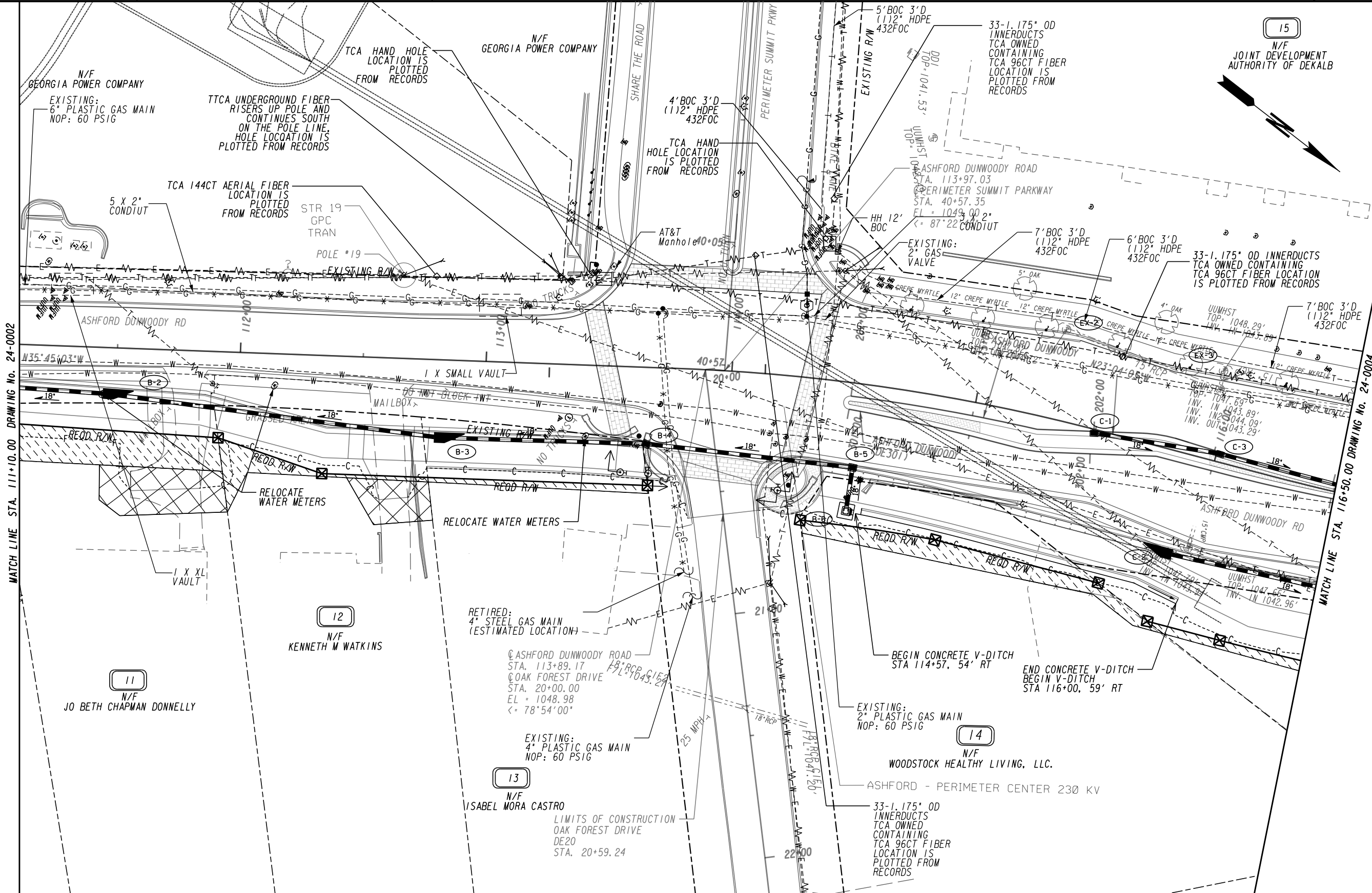
---BLA--- BEGIN LIMIT OF ACCESS.....BLA
 ---ELA--- END LIMIT OF ACCESS.....ELA
 ---LA--- LIMIT OF ACCESS
 ---RA--- REQ'D R/W & LIMIT OF ACCESS
 ---OF--- ORANGE BARRIER FENCE
 ---SA--- ESA - ENV. SENSITIVE AREA



| REVISION DATES | |
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CENTRAL DEKALB PERIMETER CID
ASHFORD DUNWOODY ROAD IMPROVEMENTS
UTILITY PLANS

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| BACKCHECKED: | DATE: | 24-0002 |
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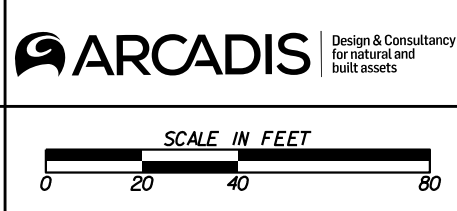


MATCH LINE STA. 111+10.00 DRAWING No. 24-0002

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

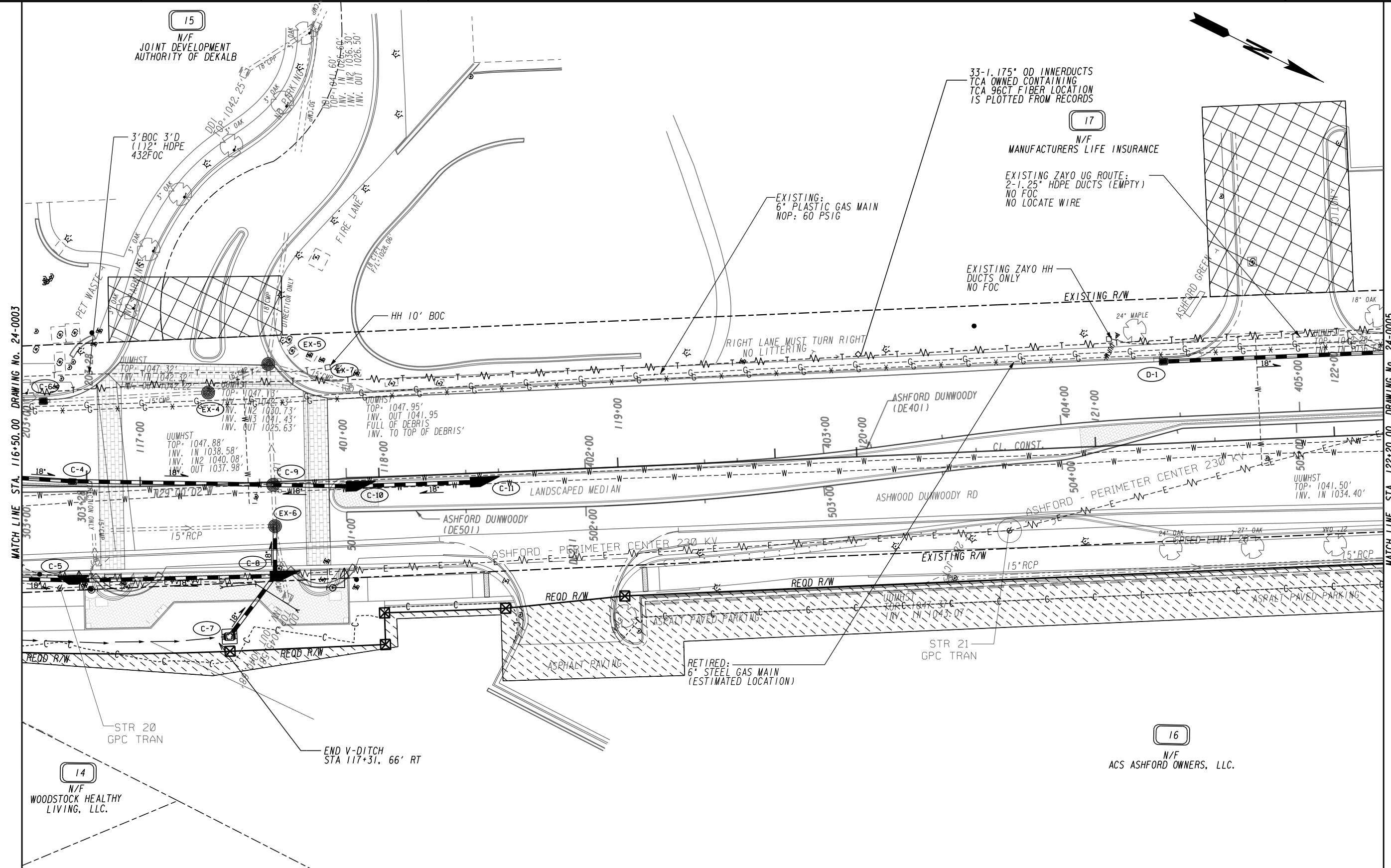
PROPERTY AND EXISTING R/W LINE
 REQUIRED R/W LINE
 CONSTRUCTION LIMITS
 EASEMENT FOR CONSTR
 & MAINTENANCE OF SLOPES
 EASEMENT FOR CONSTR OF SLOPES
 EASEMENT FOR CONSTR OF DRIVES

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



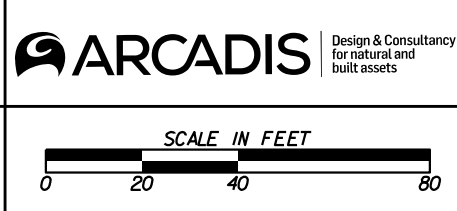
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| CENTRAL DEKALB PERIMETER CID | | |
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| ASHFORD DUNWOODY ROAD IMPROVEMENTS | | |
| UTILITY PLANS | | |
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| BACKCHECKED: | DATE: | 24-0003 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |



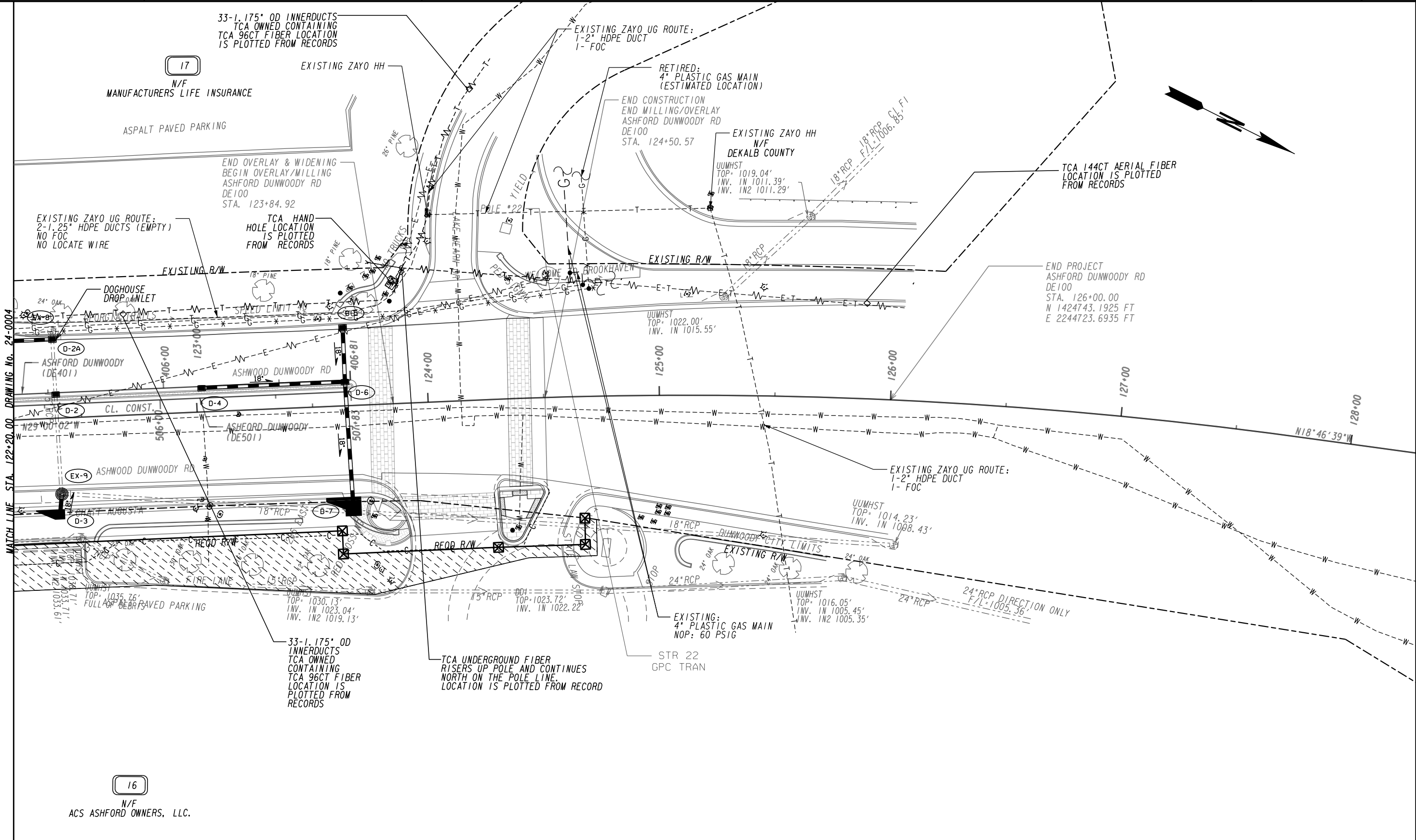
PROPERTY AND EXISTING R/W LINE
 REQUIRED R/W LINE
 CONSTRUCTION LIMITS
 EASEMENT FOR CONSTR
 & MAINTENANCE OF SLOPES
 EASEMENT FOR CONSTR OF SLOPES
 EASEMENT FOR CONSTR OF DRIVES

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



| REVISION DATES | |
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| CENTRAL DEKALB PERIMETER CID | | |
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| ASHFORD DUNWOODY ROAD IMPROVEMENTS | | |
| UTILITY PLANS | | |
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| BACKCHECKED: | DATE: | 24-0004 |
| CORRECTED: | DATE: | |
| VERIFIED: | DATE: | |



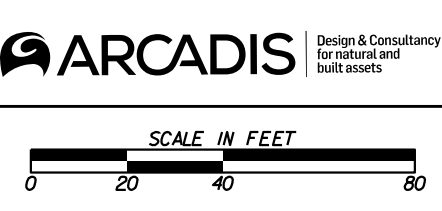
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| <p>PROPERTY AND EXISTING R/W LINE</p> <p>REQUIRED R/W LINE</p> <p>CONSTRUCTION LIMITS</p> <p>EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES</p> <p>EASEMENT FOR CONSTR OF SLOPES</p> <p>EASEMENT FOR CONSTR OF DRIVES</p> | <p>--- P ---</p> <p>--- C ---</p> <p>--- F ---</p> <p>--- H ---</p> <p>--- B ---</p> <p>--- S ---</p> |
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| <p>BEGIN LIMIT OF ACCESS.....BLA</p> <p>END LIMIT OF ACCESS.....ELA</p> <p>LIMIT OF ACCESS</p> <p>REQ'D R/W & LIMIT OF ACCESS</p> <p>ORANGE BARRIER FENCE</p> <p>ESA - ENV. SENSITIVE AREA</p> | <p>--- O ---</p> <p>--- H ---</p> <p>--- B ---</p> <p>--- S ---</p> |
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Brookhaven GEORGIA

ARCADIS Design & Consultancy for natural and built assets

PERIMETER COMMUNITY IMPROVEMENT DISTRICT



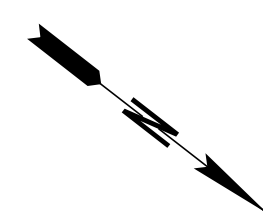
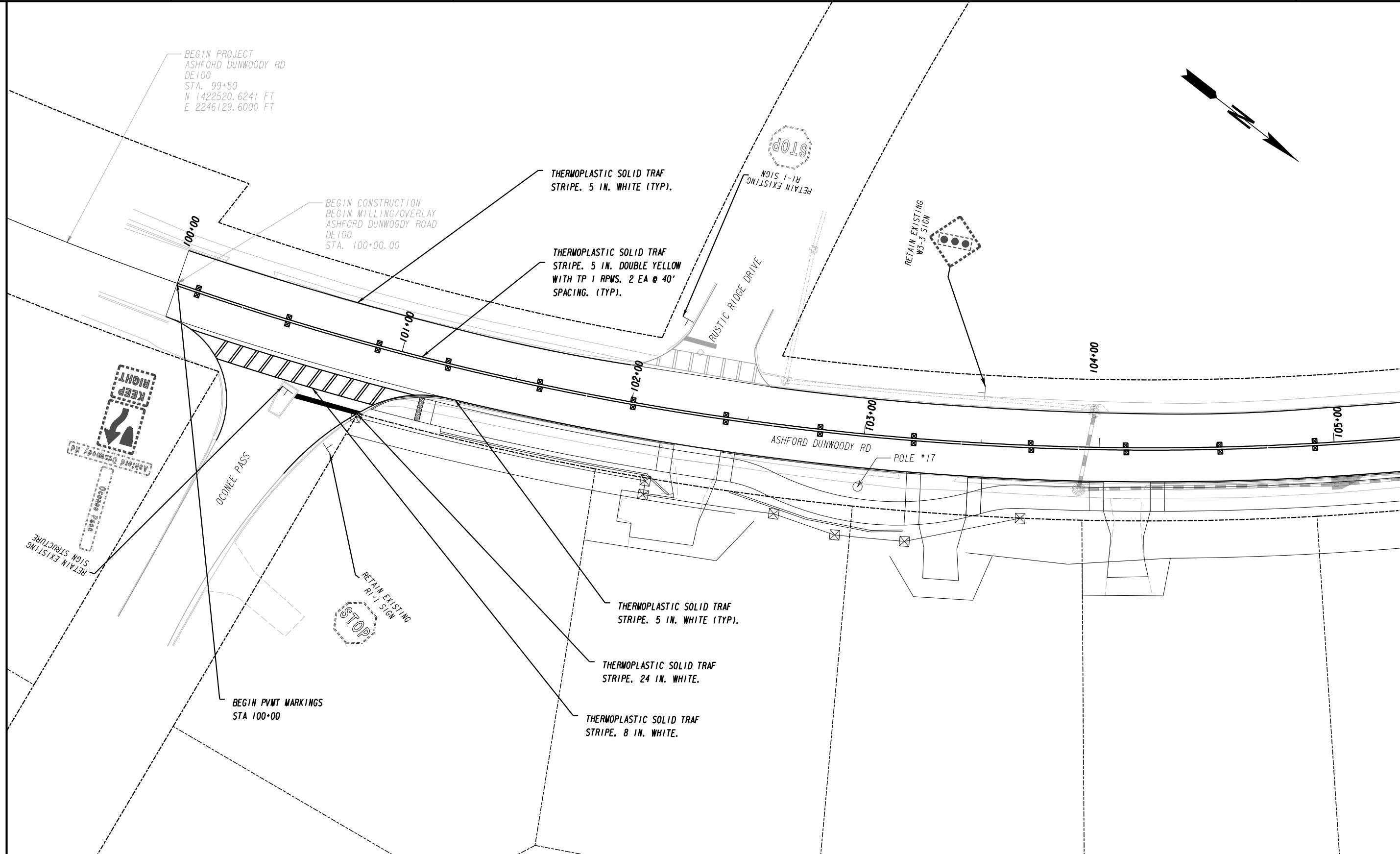
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CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS

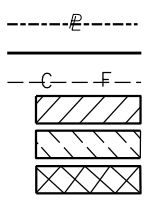
UTILITY PLANS

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| BACKCHECKED: | DATE: | 24-0005 |
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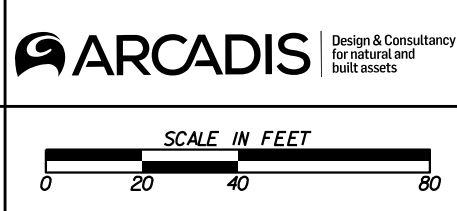
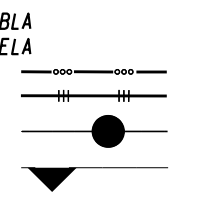


MATCH LINE STA. 105+30.25 DRAWING No. 26-0002

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



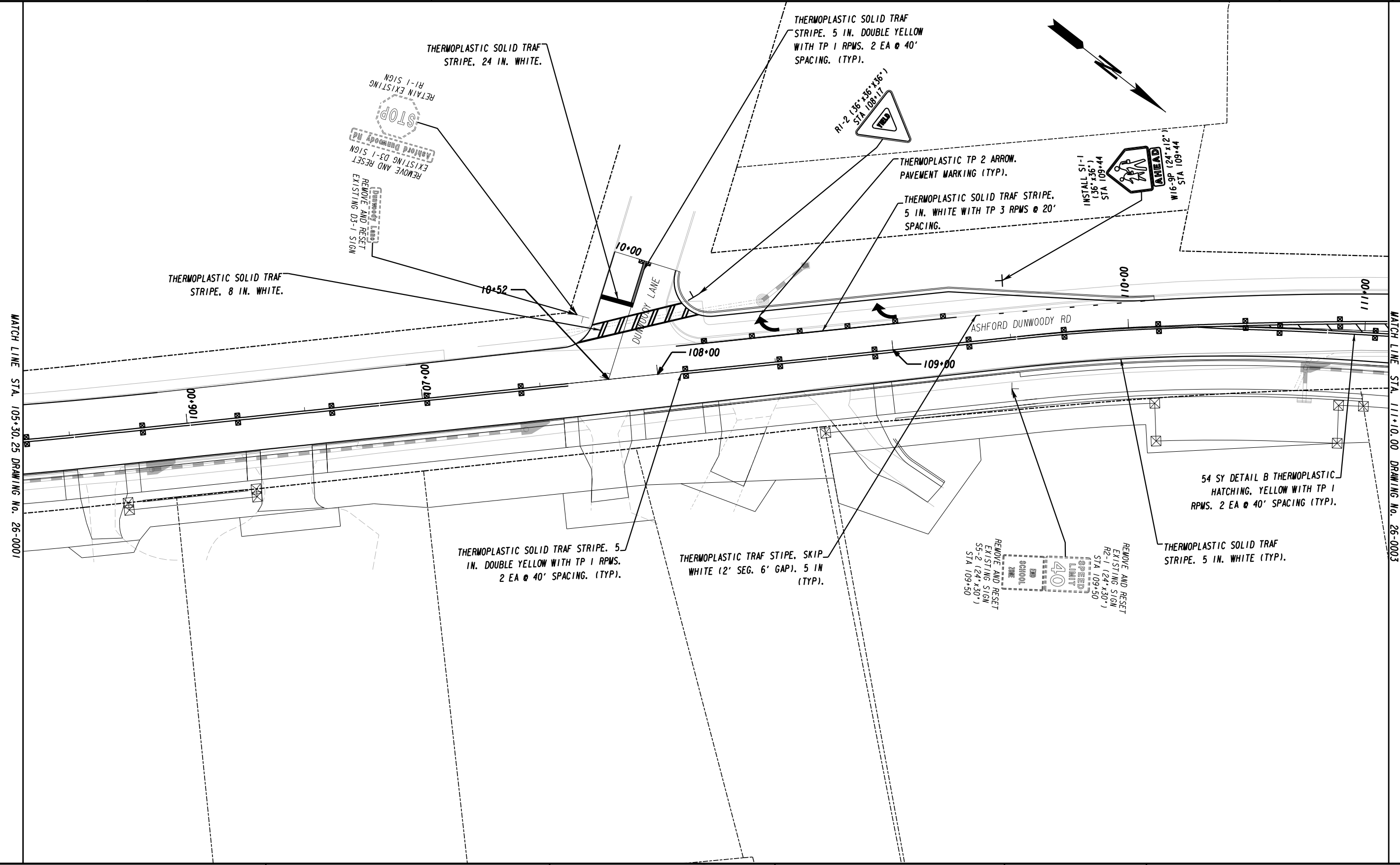
BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)



| REVISION DATES | |
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SIGNING AND MARKING PLANS
PERIMETER CID ASHFORD DUNWOODY RD

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

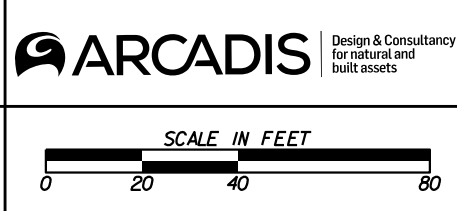


PROPERTY AND EXISTING R/W LINE
 REQUIRED R/W LINE
 CONSTRUCTION LIMITS
 EASEMENT FOR CONSTR
 & MAINTENANCE OF SLOPES
 EASEMENT FOR CONSTR OF SLOPES
 EASEMENT FOR CONSTR OF DRIVES

-----e-----
 ---C---F---
 [Hatched Box]
 [Hatched Box]
 [Hatched Box]

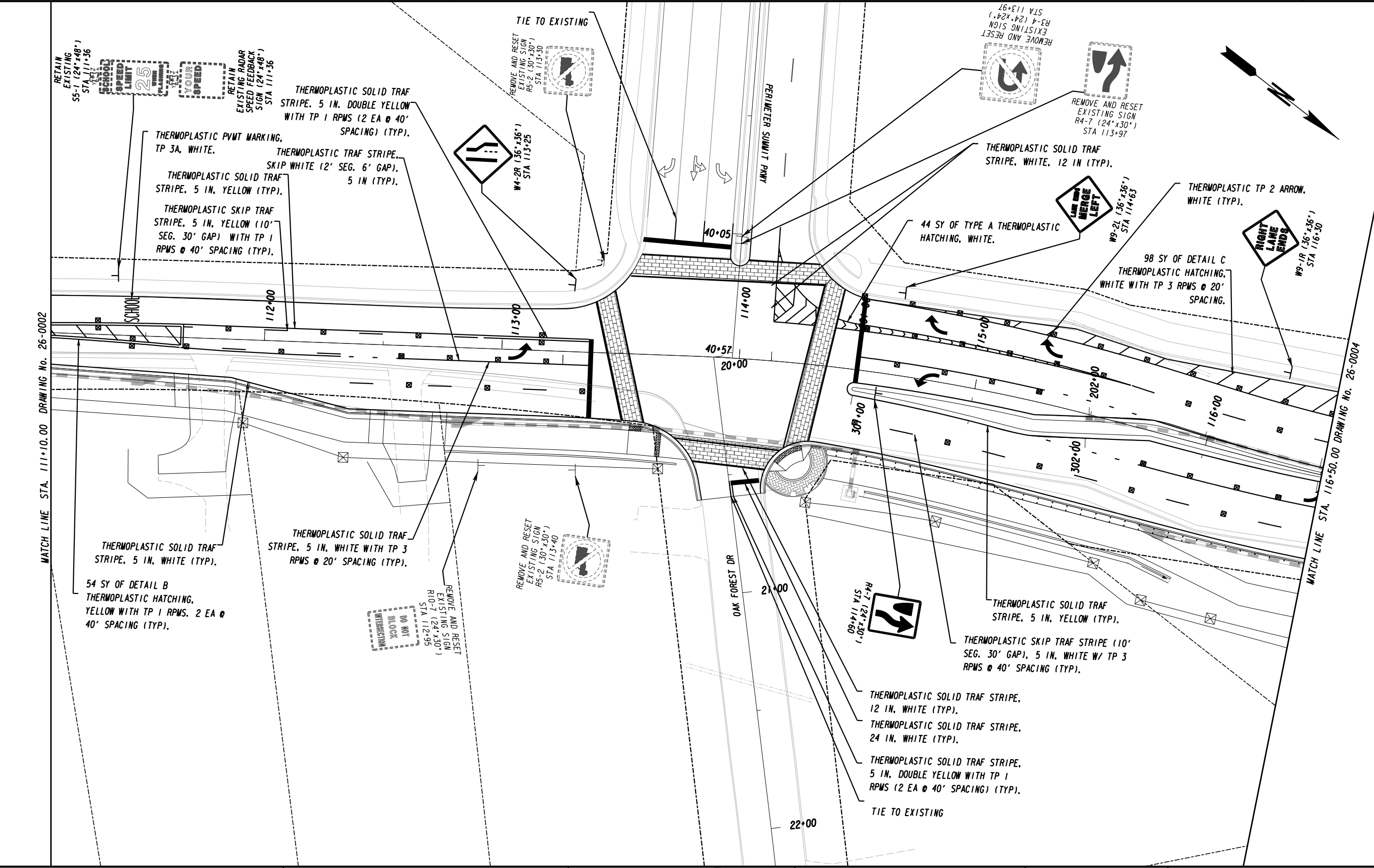
BEGIN LIMIT OF ACCESS.....BLA
 END LIMIT OF ACCESS.....ELA
 LIMIT OF ACCESS
 REQ'D R/W & LIMIT OF ACCESS
 ORANGE BARRIER FENCE
 ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)

[Symbol: Dashed line with dots]
 [Symbol: Solid line with dots]
 [Symbol: Solid line with vertical bars]
 [Symbol: Solid line with a circle]
 [Symbol: Solid line with a triangle]



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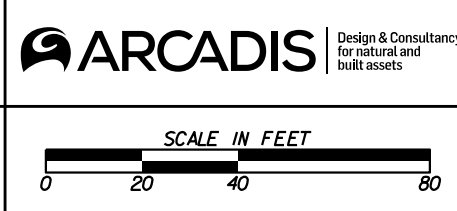
| SIGNING AND MARKING PLANS | | | |
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| PERIMETER CID ASHFORD DUNWOODY RD | | | |
| CHECKED: | | DATE: | |
| BACKCHECKED: | | DATE: | |
| CORRECTED: | | DATE: | |
| VERIFIED: | | DATE: | |
| DRAWING No. | | | 26-0002 |



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

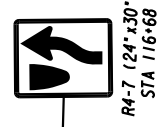
BEGIN LIMIT OF ACCESS.....BLA
 END LIMIT OF ACCESS.....ELA
 LIMIT OF ACCESS
 REQ'D R/W & LIMIT OF ACCESS
 ORANGE BARRIER FENCE
 ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)



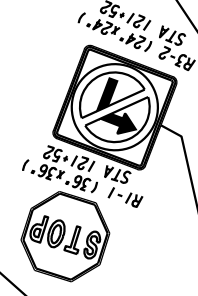
| REVISION DATES | |
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| SIGNING AND MARKING PLANS | | | |
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| PERIMETER CID ASHFORD DUNWOODY RD | | | |
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| BACKCHECKED: | DATE: | 26-0003 | |
| CORRECTED: | DATE: | | |
| VERIFIED: | DATE: | | |

98 SY OF DETAIL C
THERMOPLASTIC HATCHING,
WHITE WITH TP 3 RPMS @ 20'
SPACING.



117 SY OF THERMOPLASTIC
HATCHING, DETAIL B, YELLOW
WITH TP 1 RPMS.



THERMOPLASTIC TRAF STRIPE, SKIP
WHITE (2' SEG 6' GAP), 5 IN (TYP).

THERMOPLASTIC SKIP TRAF
STRIPE (10' SEG, 30' GAP), 5
IN, WHITE W/ TP 3 RPMS @ 40'
SPACING (TYP).

THERMOPLASTIC SOLID TRAF
STRIPE, 8 IN WHITE (TYP).



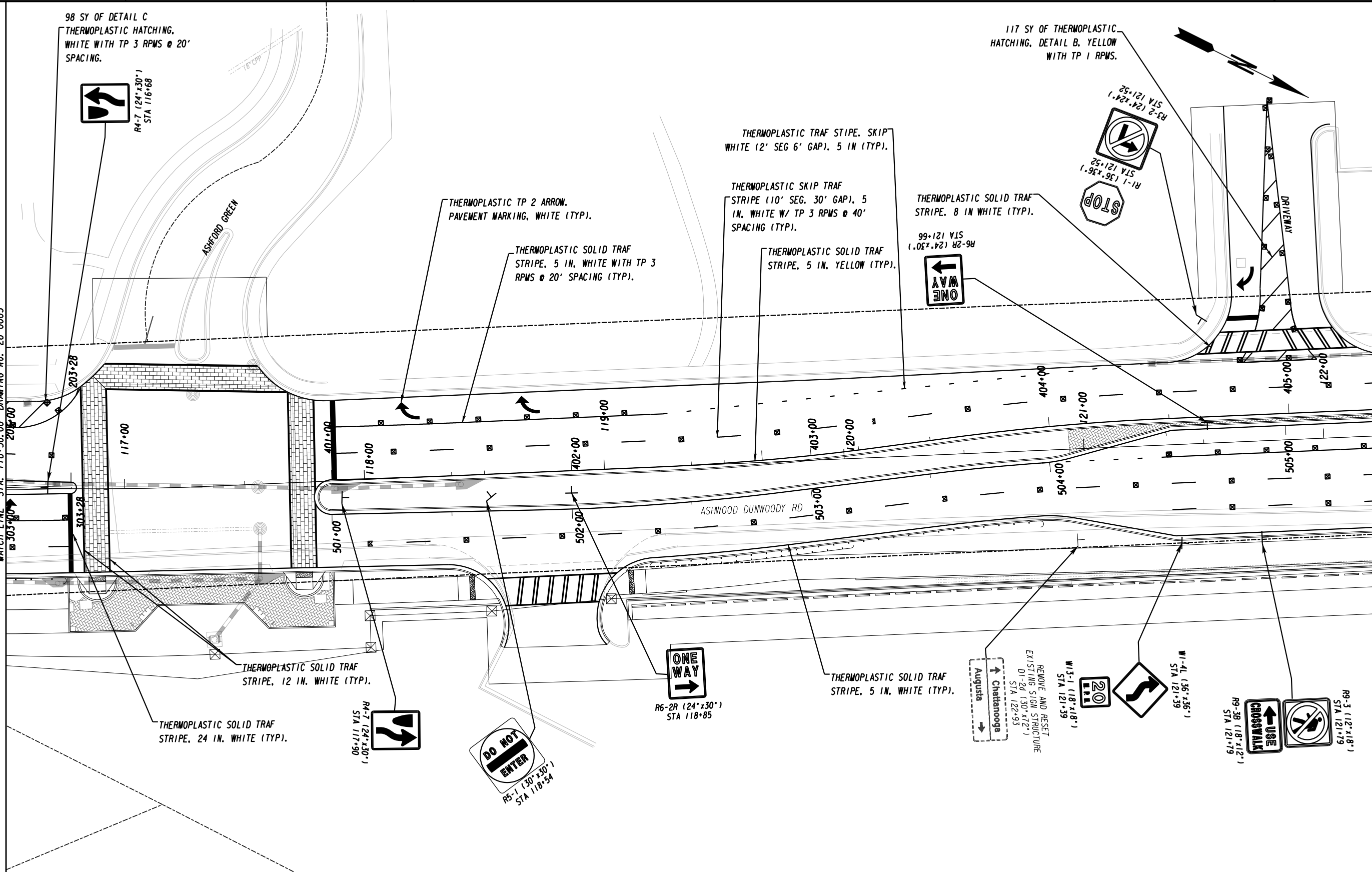
THERMOPLASTIC TP 2 ARROW,
PAVEMENT MARKING, WHITE (TYP).

THERMOPLASTIC SOLID TRAF
STRIPE, 5 IN, WHITE WITH TP 3
RPMS @ 20' SPACING (TYP).

THERMOPLASTIC SOLID TRAF
STRIPE, 5 IN, YELLOW (TYP).

MATCH LINE STA. 116+50.00 DRAWING No. 26-0003

MATCH LINE STA. 122+20.00 DRAWING No. 26-0005

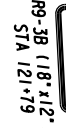
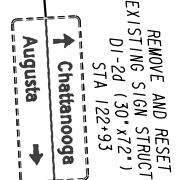


THERMOPLASTIC SOLID TRAF
STRIPE, 12 IN. WHITE (TYP).

THERMOPLASTIC SOLID TRAF
STRIPE, 24 IN. WHITE (TYP).

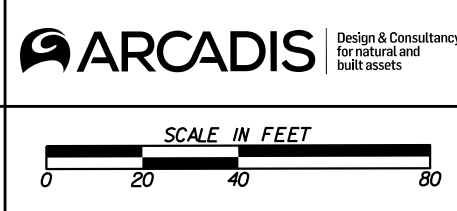


THERMOPLASTIC SOLID TRAF
STRIPE, 5 IN. WHITE (TYP).



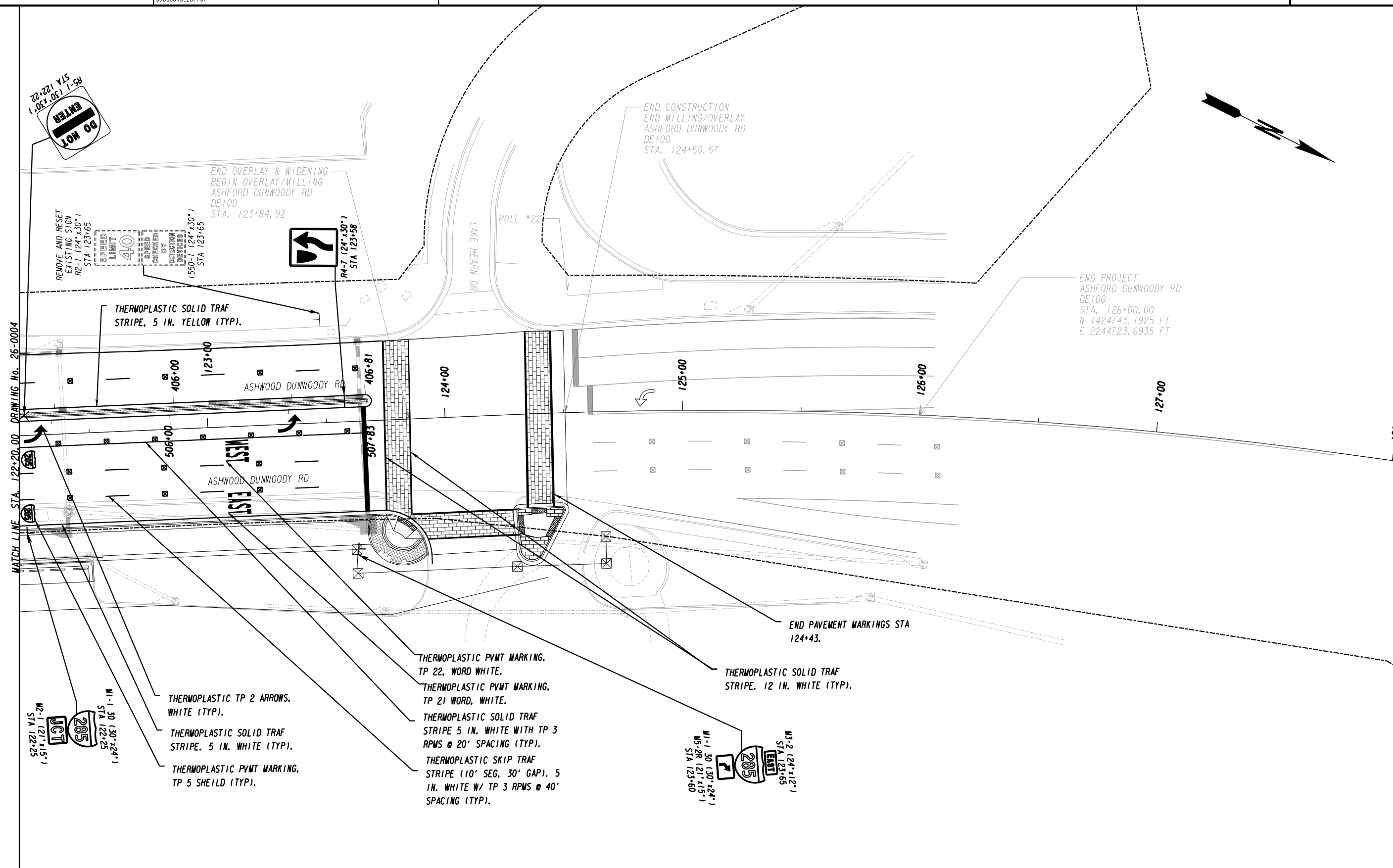
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|---------------------------------------------|-------------|
| PROPERTY AND EXISTING R/W LINE | -----e----- |
| REQUIRED R/W LINE | -----f----- |
| CONSTRUCTION LIMITS | -----g----- |
| EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES | -----h----- |
| EASEMENT FOR CONSTR OF SLOPES | -----i----- |
| EASEMENT FOR CONSTR OF DRIVES | -----j----- |

| | |
|--------------------------------------------|-------------|
| BEGIN LIMIT OF ACCESS.....BLA | -----k----- |
| END LIMIT OF ACCESS.....ELA | -----l----- |
| LIMIT OF ACCESS | -----m----- |
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| ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE) | -----p----- |

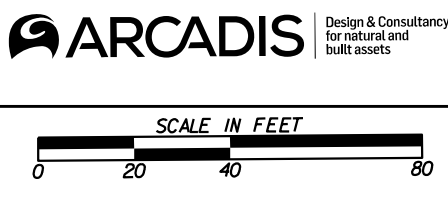
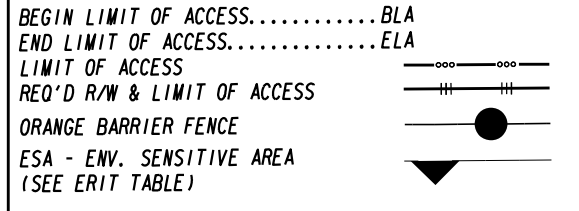


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| SIGNING AND MARKING PLANS | | | |
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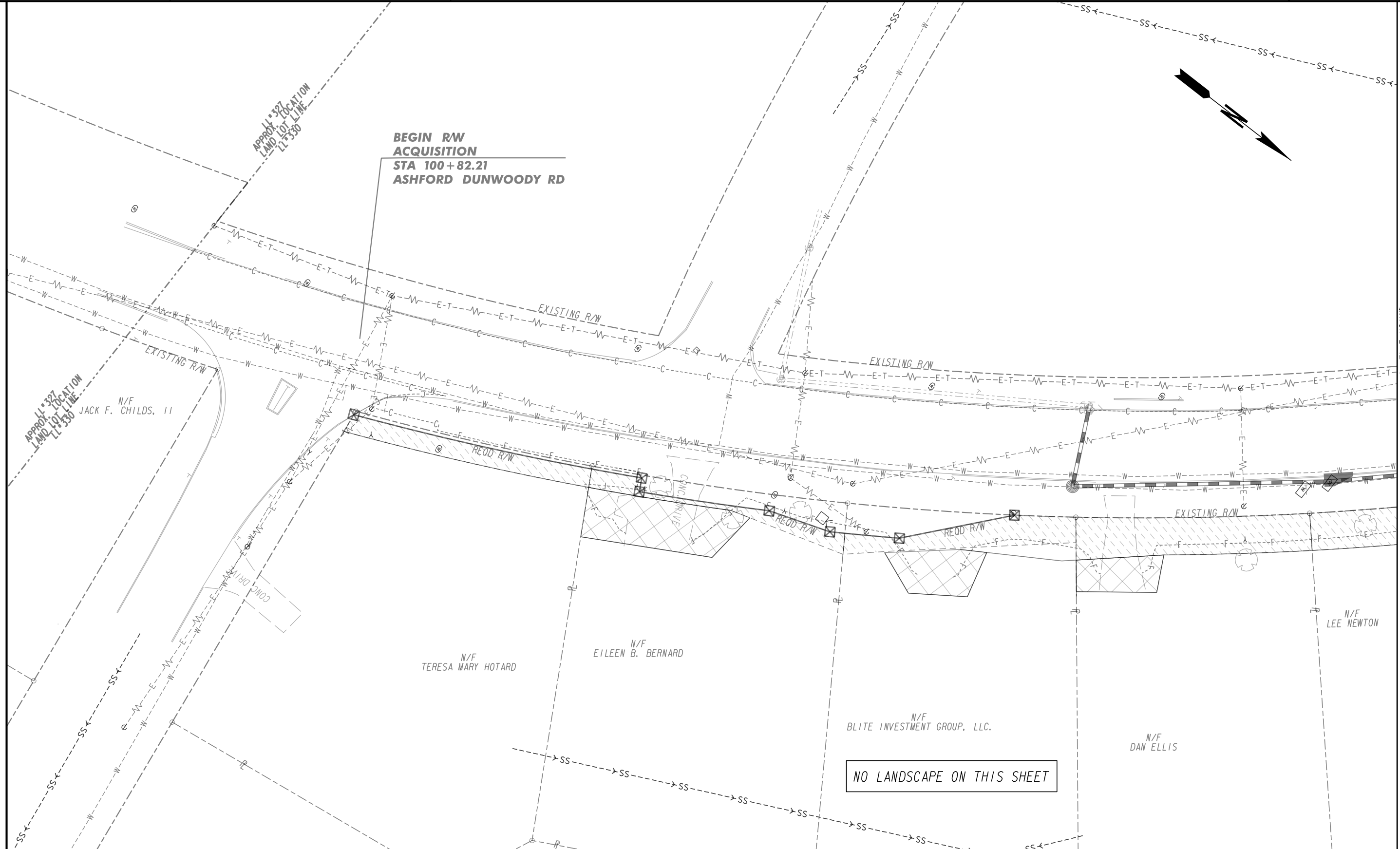


PROPERTY AND EXISTING R/W LINE
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 & MAINTENANCE OF SLOPES
 EASEMENT FOR CONSTR OF SLOPES
 EASEMENT FOR CONSTR OF DRIVES



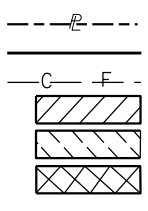
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| SIGNING AND MARKING PLANS | | |
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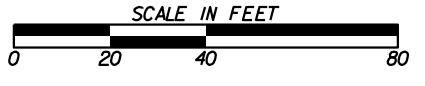
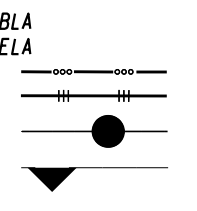


MATCH LINE STA. 105+30.25 DRAWING No. 29-0002

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



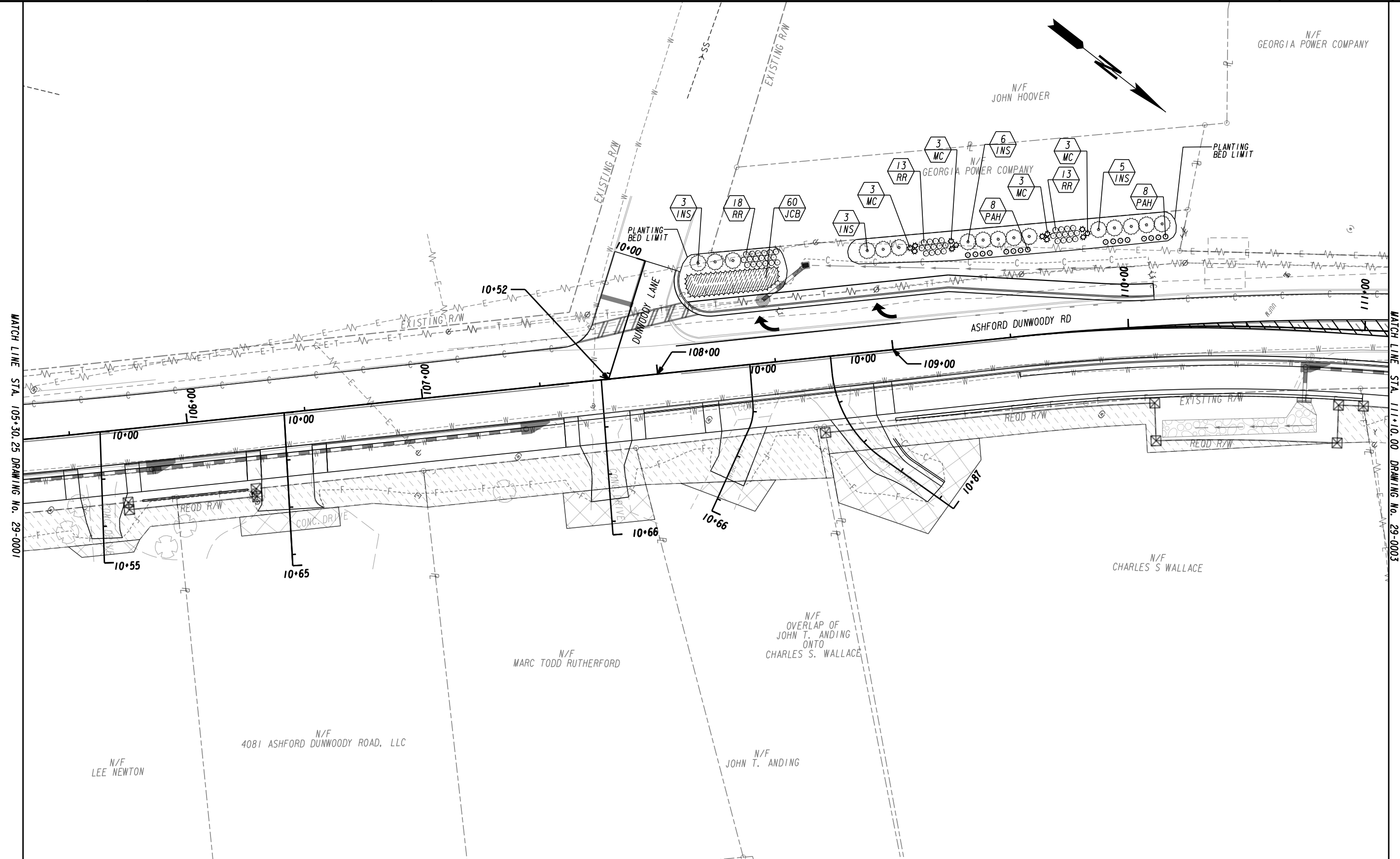
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 ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)



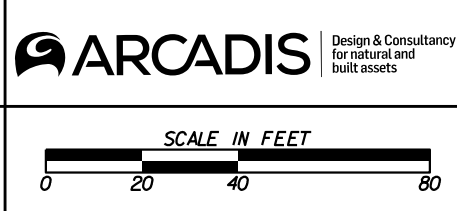
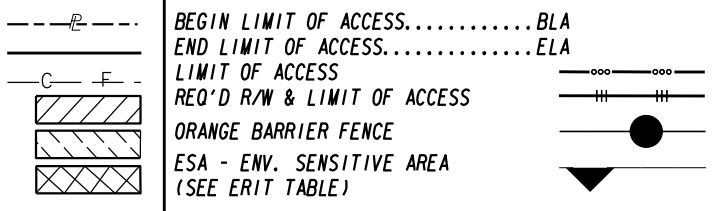
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LANDSCAPING PLANS
ASHFORD DUNWOODY ROAD IMPROVEMENTS

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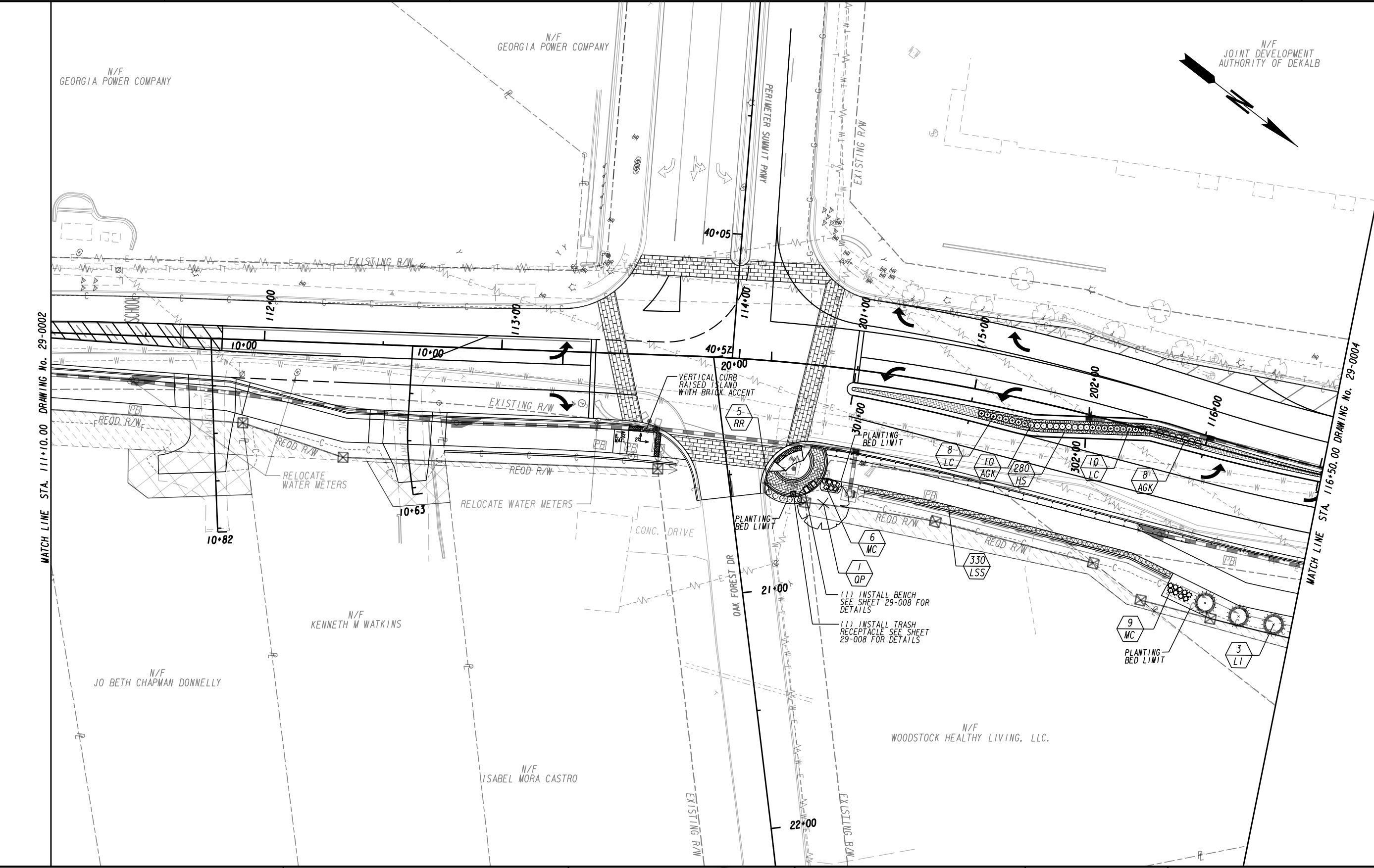


PROPERTY AND EXISTING R/W LINE
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 CONSTRUCTION LIMITS
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| LANDSCAPING PLANS ASHFORD DUNWOODY ROAD IMPROVEMENTS | | |
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| PROPERTY AND EXISTING R/W LINE | |
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| BEGIN LIMIT OF ACCESS.....BLA | |
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| ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE) | |

Brookhaven GEORGIA

PERIMETER COMMUNITY IMPROVEMENT DISTRICT

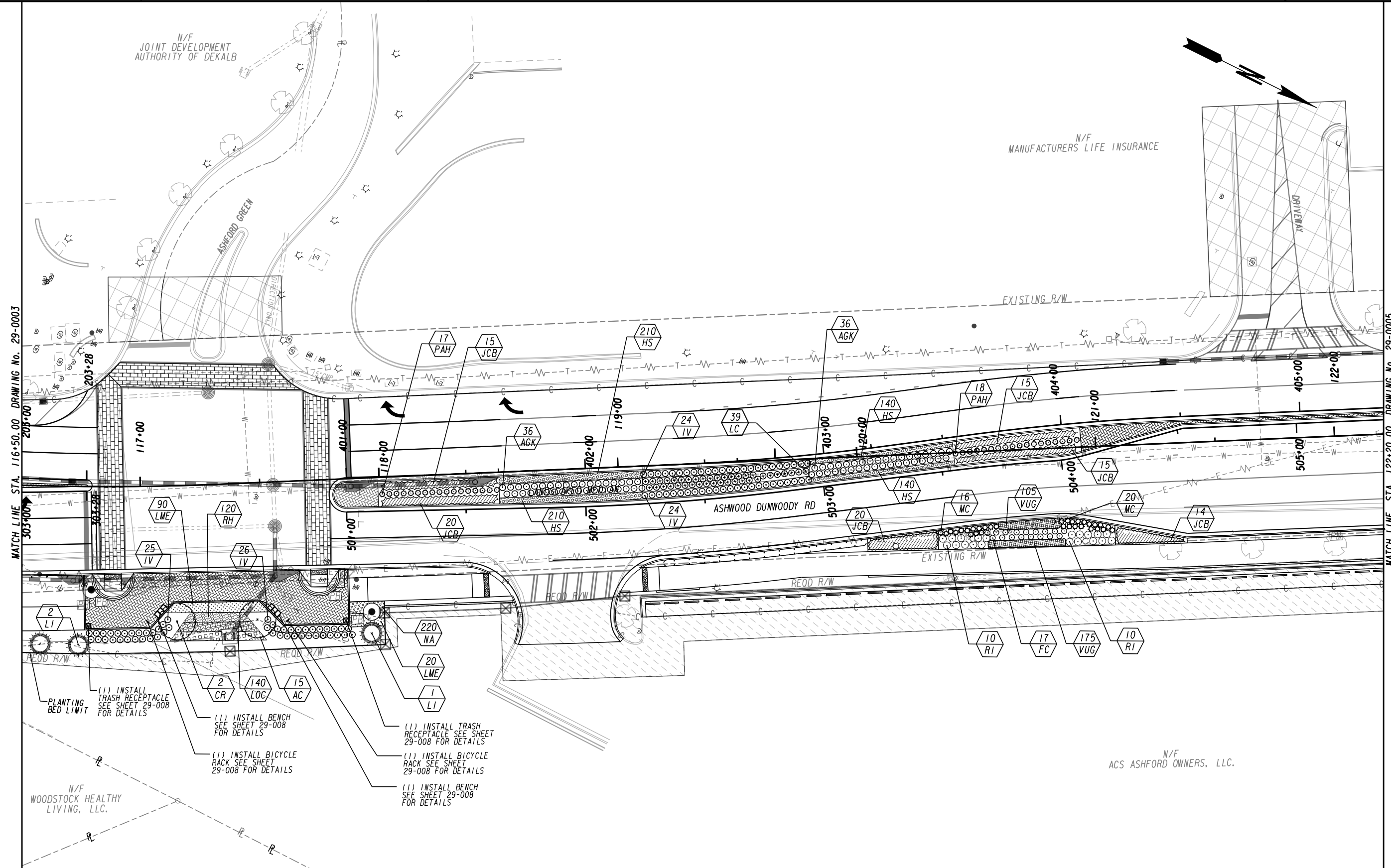
ARCADIS Design & Consultancy for natural and built assets

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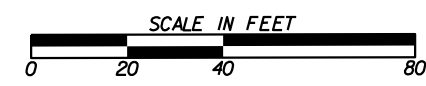
LANDSCAPING PLANS
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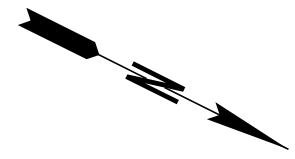
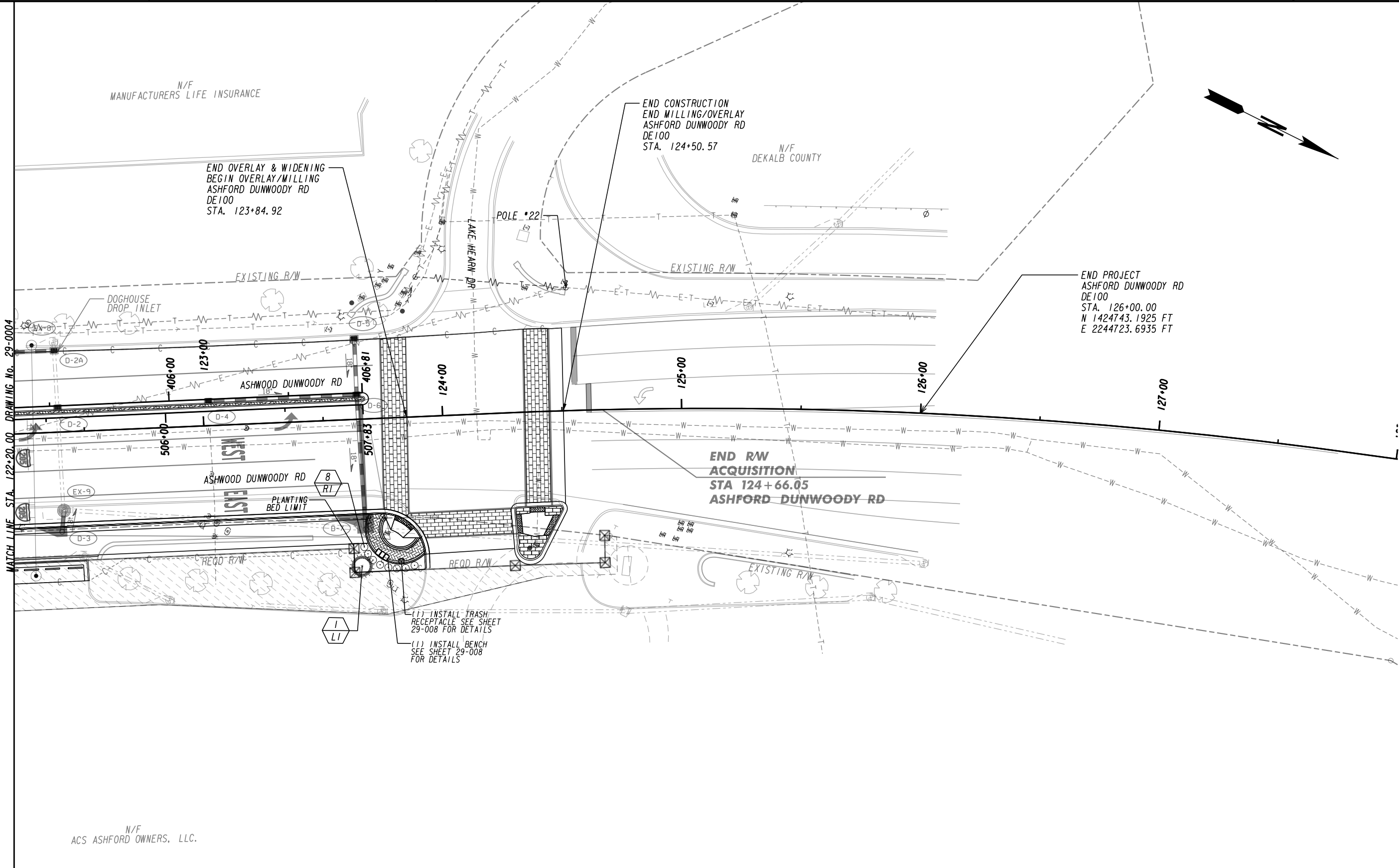
PROPERTY AND EXISTING R/W LINE
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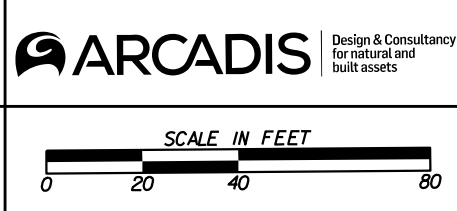
| LANDSCAPING PLANS ASHFORD DUNWOODY ROAD IMPROVEMENTS | | | |
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(1) INSTALL TRASH RECEPTACLE SEE SHEET 29-008 FOR DETAILS
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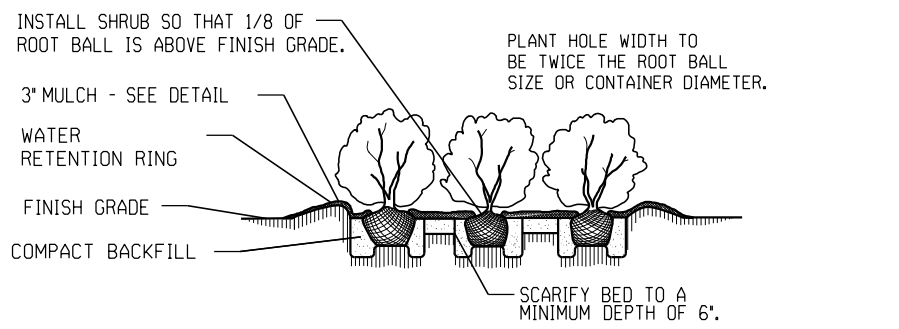
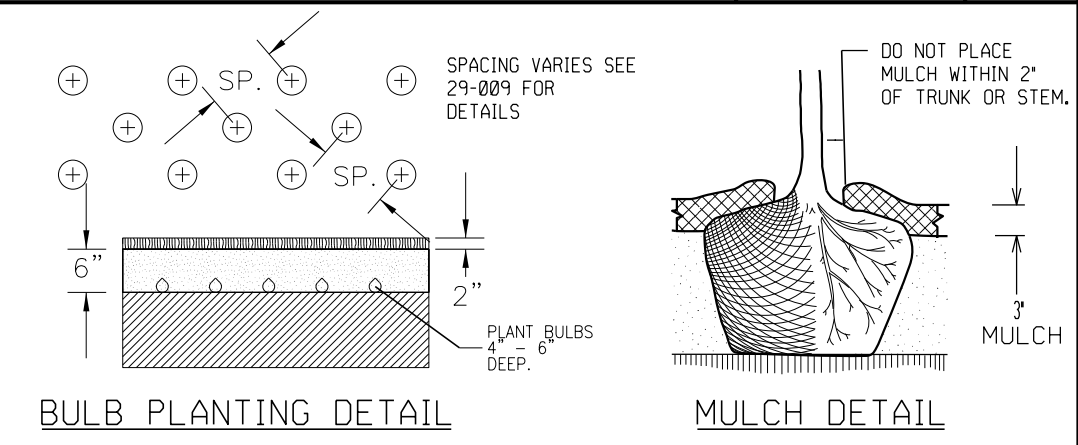
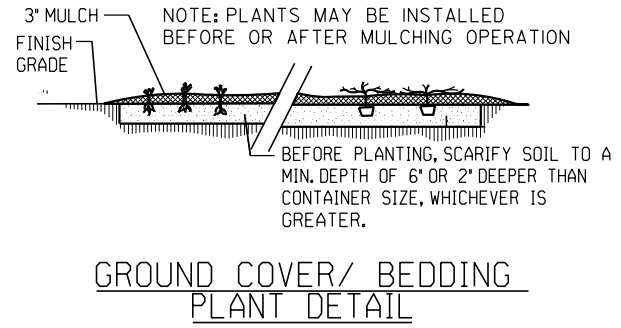
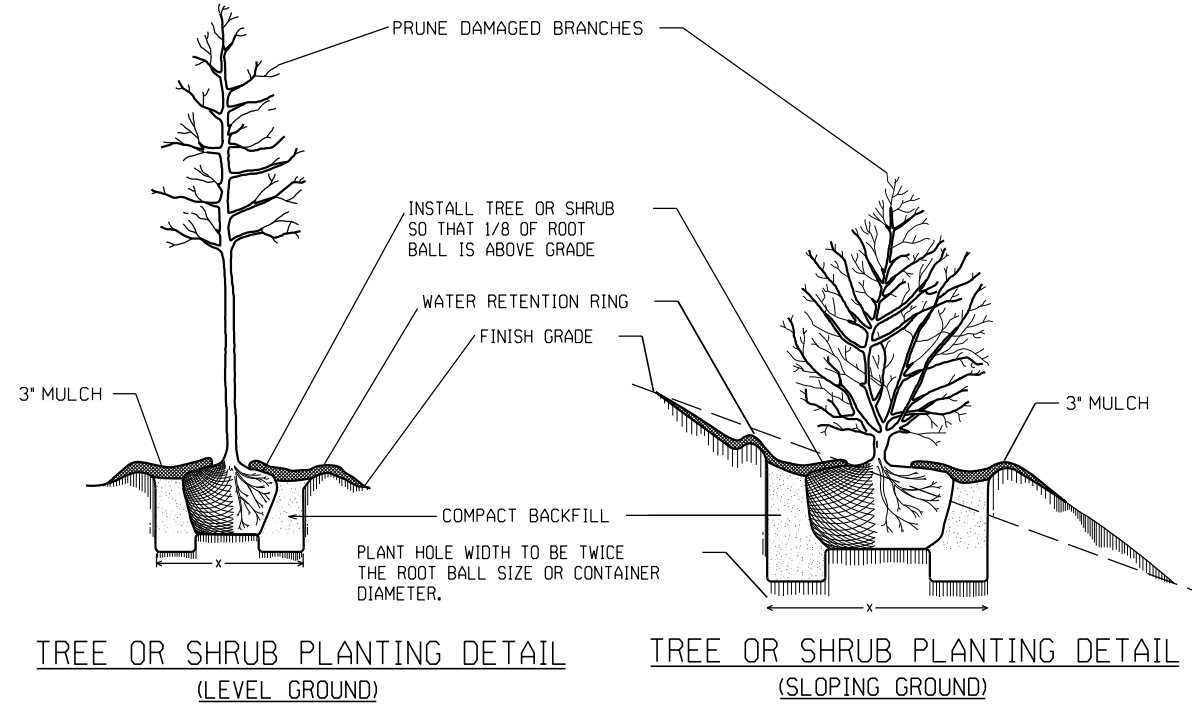
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| PROPERTY AND EXISTING R/W LINE | |
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| BEGIN LIMIT OF ACCESS.....BLA | |
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| LIMIT OF ACCESS | |
| REQ'D R/W & LIMIT OF ACCESS | |
| ORANGE BARRIER FENCE | |
| ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE) | |



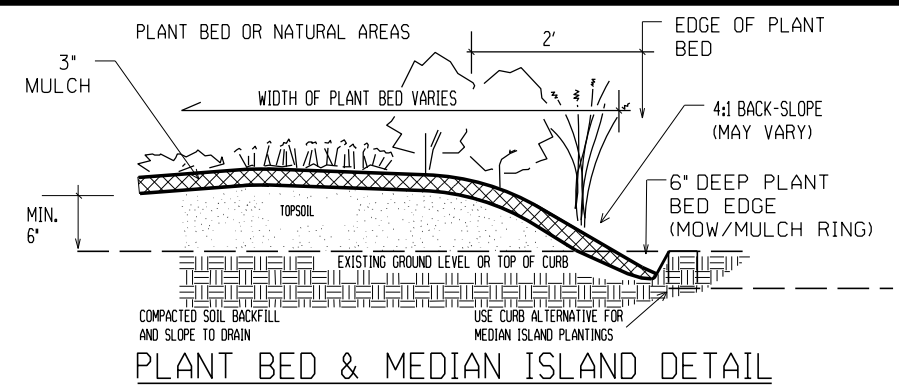
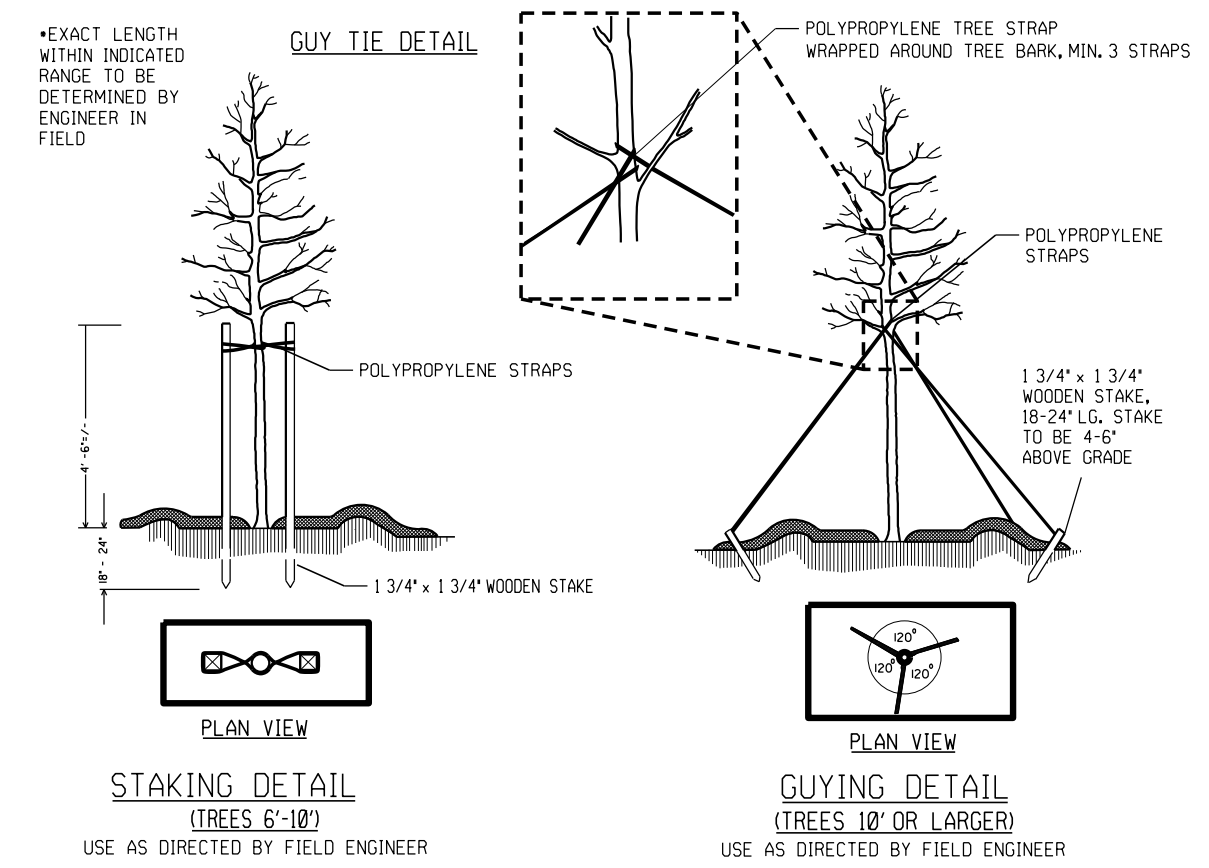
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| LANDSCAPING PLANS | | |
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NOTES:

- SCHEDULE FOR PLANT HOLE SIZE: PLANT HOLE WIDTH (X) TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
- SEE STANDARD SPECIFICATIONS FOR PLANT BED FUMIGATION AND HERBICIDAL TREATMENT.
- APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
- REMOVE WIRE BASKET AND FOLD BURLAP BACK FROM TOP OF ROOT BALL BEFORE BACKFILLING IS COMPLETE.
- ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.
- DO NOT ATTEMPT TO STRAIGHTEN A TREE THAT HAS BEEN PLANTED AT AN ANGLE WITH THE USE OF STAKING OR GUYING. DIG TREE AND REPLANT TO UPRIGHT POSITION.
- ALL SHRUBS AND SPREADING GROUND COVERS SHALL BE LOCATED A MINIMUM OF THREE (3) FEET FROM THE EDGE OF BEDS. SHRUBS AND GROUND COVERS NEED TO BE PLACED AT LEAST THREE (3) FEET FROM THE EDGE OF BEDS TO ALLOW FOR MATURE GROWTH AND TO AVOID CONFLICTS WITH PEDESTRIAN TRAFFIC, CURBS, OR GRASSED AREAS.



PLANTING MIX NOTE:
 MODERATELY SLOW DRAINING SOIL FOR TREES AND SHRUB BEDS

- A MIX OF IMPORTED TOPSOIL, COARSE SAND AND COMPOST. THE APPROXIMATE MIX RATIO SHALL BE: MIX COMPONENT % BY MOIST VOLUME IMPORTED TOPSOIL UNSCREENED 45-50% COARSE SAND 40-45% COMPOST 10%.
- FINAL TESTED ORGANIC MATTER BETWEEN 2.75 AND 4% (BY DRY WEIGHT).
- MIX THE COARSE SAND AND COMPOST TOGETHER FIRST AND THEN ADD TO THE TOPSOIL. MIX WITH A LOADER BUCKET TO LOOSELY INCORPORATE THE TOPSOIL INTO THE COARSE SAND/COMPOST MIX. DO NOT OVER MIX! DO NOT MIX WITH A SOIL BLENDING MACHINE. DO NOT SCREEN THE SOIL. CLUMPS OF SOIL, COMPOST AND COARSE SAND WILL BE PERMITTED IN THE OVERALL MIX.
- AT THE TIME OF FINAL GRADING, ADD FERTILIZER IF REQUIRED TO THE PLANTING SOIL AT RATES RECOMMENDED BY THE TESTING RESULTS FOR THE PLANTS TO BE GROWN.
- PROVIDE A TWO GALLON SAMPLE WITH TESTING DATA THAT INCLUDES RECOMMENDATIONS FOR CHEMICAL ADDITIVES FOR THE TYPES OF PLANTS TO BE GROWN. SAMPLES AND TESTING DATA SHALL BE SUBMITTED AT THE SAME TIME.

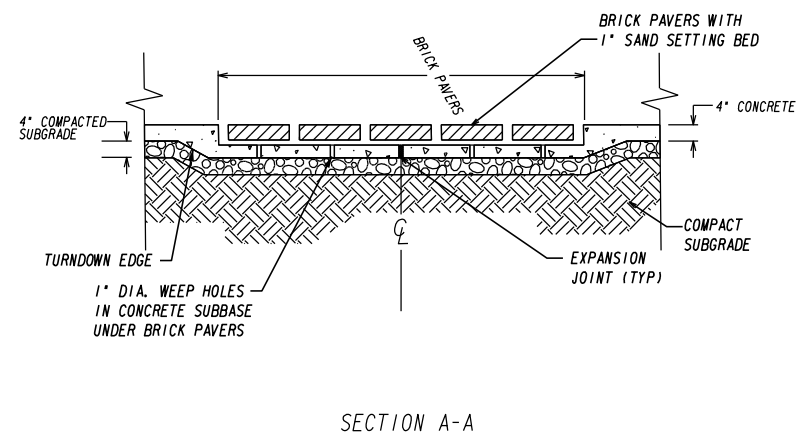


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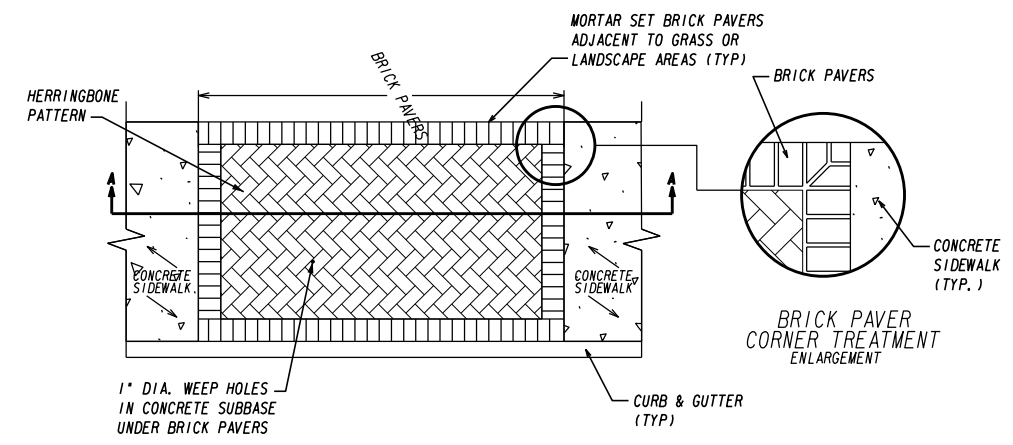
| REVISION DATES | |
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LANDSCAPING DETAILS
ASHFORD DUNWOODY ROAD IMPROVEMENTS

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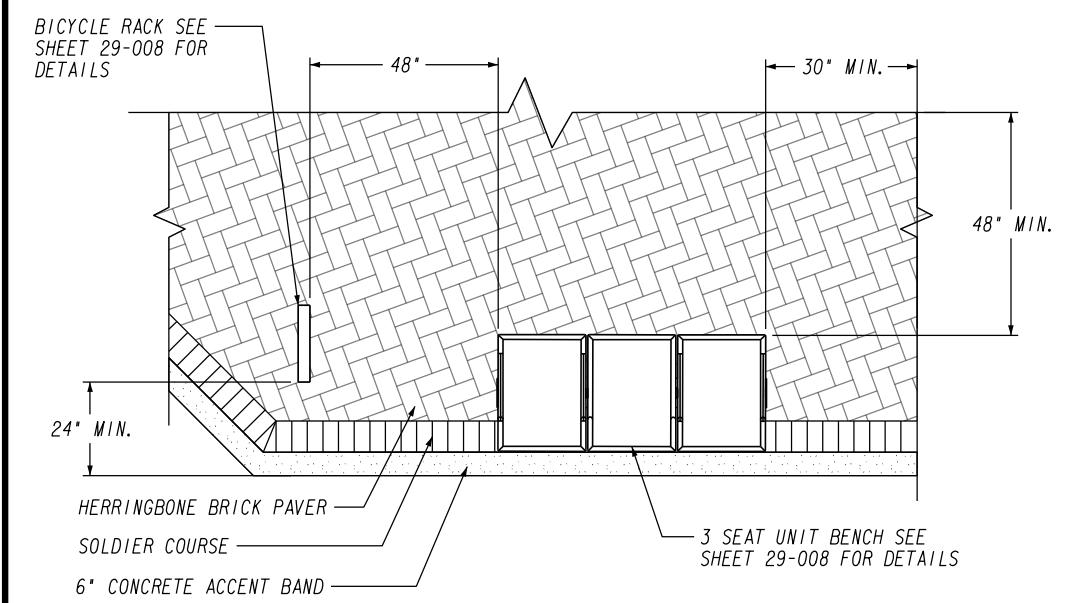


SECTION A-A

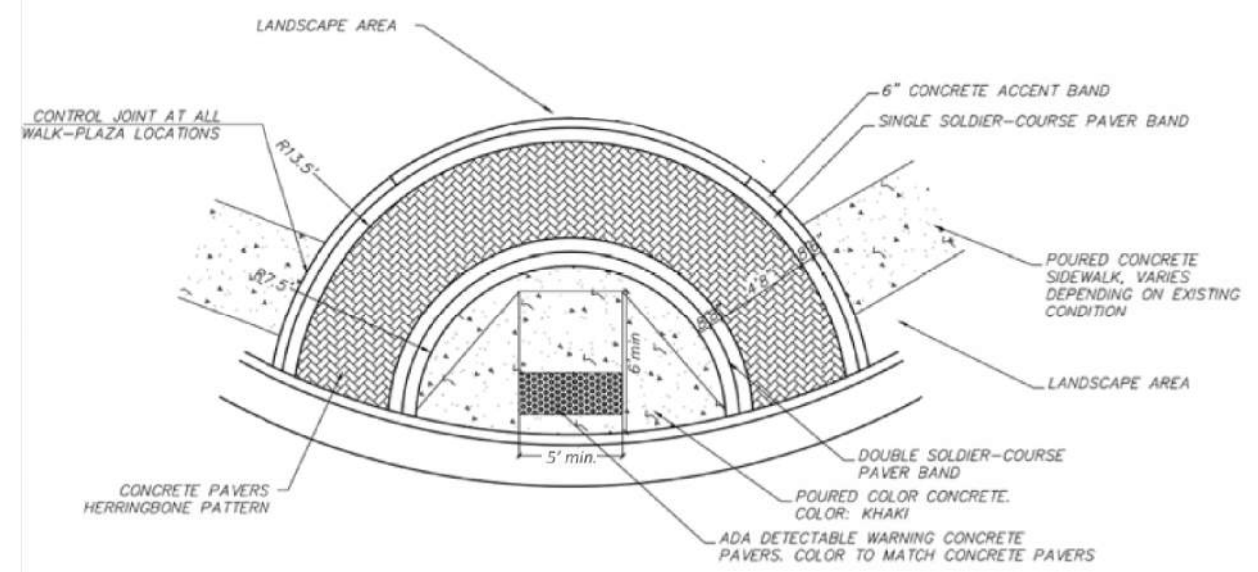


PLAN VIEW

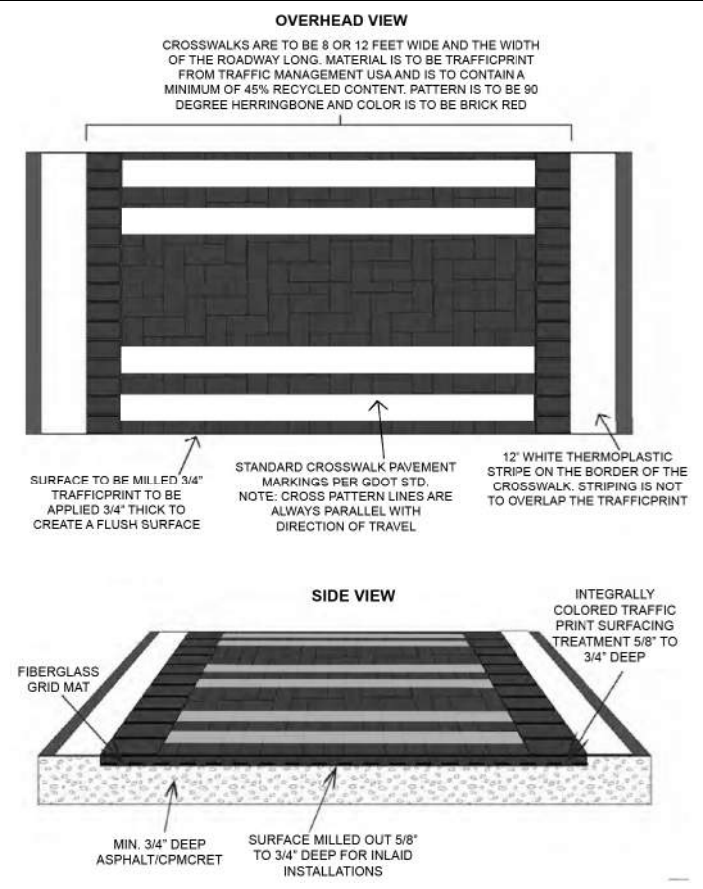
1. BRICK PAVER AREA



2. BENCH AND BICYCLE RACK PLACEMENT



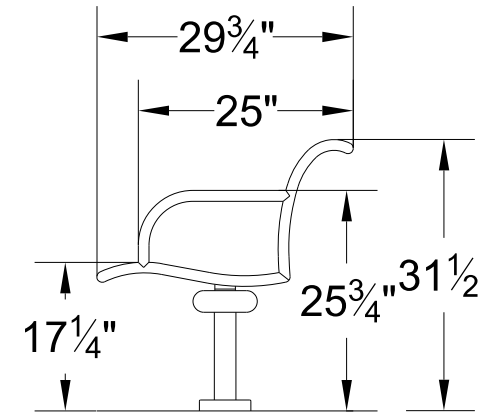
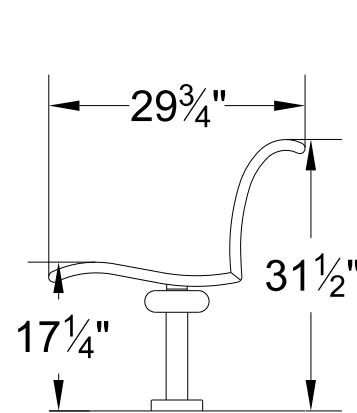
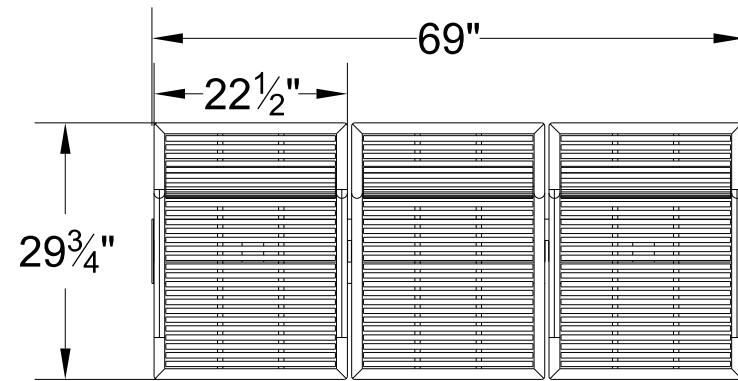
3. PEDESTRIAN PLAZA



4. DECORATIVE CROSSWALKS WITH 12" THERMOPLASTIC BAND

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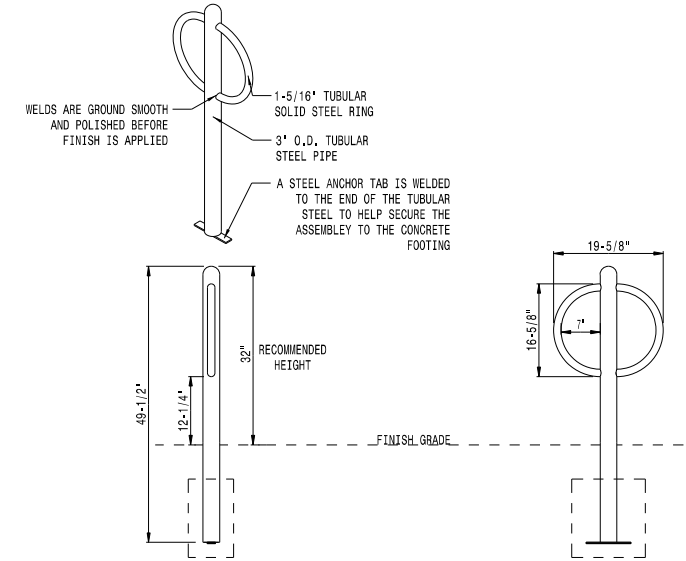
landscapeforms® Drawing: PD0031
 Dimensions are in Inches[mm]
 U.S. Patent Nos. D381,536; D383,627

FINISH
 BLACK POWDERCOAT

1. BACKED, 3 SEAT UNIT BENCH, END ARMS & SINGLE INTERMEDIATE ARMS



* ALL DIMENSIONS ARE IN INCHES *
 TOLL FREE (USA & CANADA): 1-888-ANTI-RAM (888-288-4726)
 410-288-3375 ; FAX 410-470-0175
 P.O. BOX 307, DUNKIRK, MD 20754 U.S.A.
 INFO@SECURESITEDESIGN.COM
 WWW.SECURESITEDESIGN.COM



MATERIAL: TUBULAR STEEL WITH BLACK POWDERCOATING OVER GALVANIZED FINISH
 MOUNTING: STANDARD EMBEDDED IN-GROUND
 NOTE: BRICK SHOULD BE CUT TO BE FLUSH AROUND POST

- NOTES:
- DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
 - ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PREHEATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
 - THIS SECURE SITE DESIGN, L.L.C. PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
 - THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

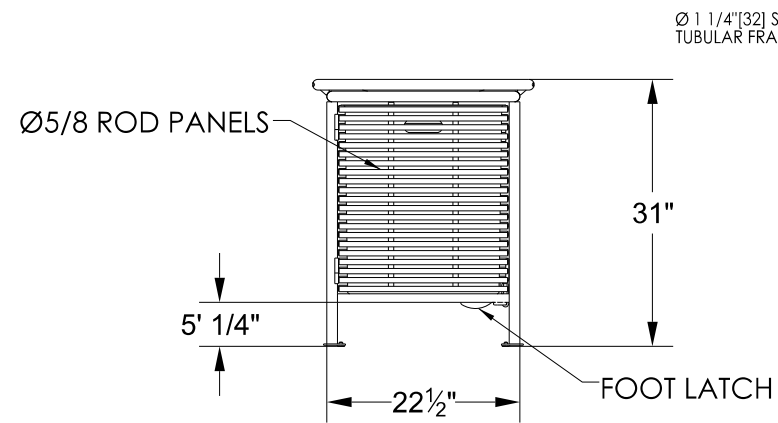
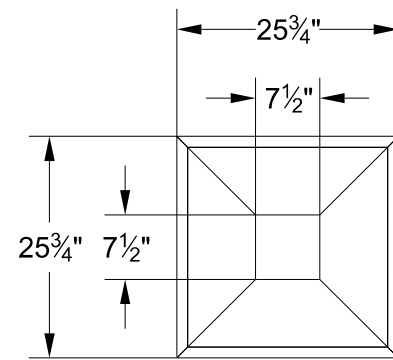
BRBS-103
 CYCLESENTRY SERIES BIKE RACK
 SHOWN: STANDARD IN-GROUND MOUNT

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 REV. 8/8/13 DRAWN C.R.K 2013-882

3. BICYCLE RACK

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GLIDES CAN BE REMOVED FOR SURFACE MOUNTING. (4) Ø 7/16" HOLES PROVIDED. NON-CORROSIVE ANCHORS NOT INCLUDED.

landscapeforms® Drawing: PD357-01
 Dimensions are in inches [mm]
 U.S. Patent Nos. D381,158; D381,157

SURFACE MOUNT
 FINISH
 BLACK POWDERCOAT

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2. TRASH RECEPTACLE, TOP OPENING
























N. T. S.

REVISION DATES

LANDSCAPING DETAILS ASHFORD DUNWOODY ROAD IMPROVEMENTS

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SUMMARY OF LANDSCAPING QUANTITIES

| QTY. | UNIT | SYMBOL | BOTANICAL NAME | COMMON NAME | PLANTING SIZE/ CAL. | PLANTING HEIGHT | PLANTING SPREAD | MATURE HEIGHT | MATURE SPREAD | B. & B. / CONT. | SPACING | COMMENTS | |
|---------------------------------|------|--------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|-----------------|-----------------|---------------|---------------|-----------------|----------|----------|------------------------------------------------------------------|
| TREE | | | | | | | | | | | | | |
| 1 | EA. | QP |  QUERCUS PHELLOS 'QPSTA' | HIGHTOWER WILLOW OAK | 3 1/2" CAL. | 20' | 20'-30' | 40'-60' | 20'-40' | B. & B. | 30" O.C. | | |
| 2 | EA. | CR |  CHIONANTHUS RETUSUS | CHINESE FRINGE TREE | 2 1/2" CAL. | 12' | 15' | 15'-20' | 20'-25' | B. & B. | 20" O.C. | | |
| 17 | EA. | INS |  ILEX 'NELLIE R. STEVENS' | NELLIE R. STEVENS HOLLY | 5' HT. | 5'-6' | 8' | 15'-20' | 10'-12' | B. & B. | 6" O.C. | | |
| 7 | EA. | LI |  LAGERSTROEMIA INDICA 'WHIT II' | 'DYNAMITE' CRAPE MYRTLE | 2 1/2" CAL. | 8' | 10' | 10'-15' | 12'-15' | B. & B. | 15" O.C. | | |
| SHRUB | | | | | | | | | | | | | |
| 17 | EA. | FC |  FORSYTHIA X 'COURTASOL' | GOLD TIDE FORSYTHIA | 5 GAL. | | | 24"-30" | 2'-4' | CONT. | 4" O.C. | | |
| 28 | EA. | RI |  RHAPHIOLEPIS INDICA 'SNOW WHITE' | INDIAN HAWTHORN SNOW WHITE | 3 GAL. | | | 3'-6' | 3'-6' | CONT. | 4" O.C. | | |
| 90 | EA. | AGK |  ABELIA X GRANDIFLORA 'KALEIDOSCOPE' | GLOSSY ABELIA 'KALEIDOSCOPE' | 3 GAL. | | | 24"-30" | 36"-42" | CONT. | 40" O.C. | | |
| 99 | EA. | IV |  ILEX VOMITORIA 'STOKE'S DWARF' | DWARF YAUPON HOLLY 'STOKES DWARF' | 7 GAL. | | | 24"-30" | 3'-4' | CONT. | 3" O.C. | | |
| 57 | EA. | LC |  LOROPETALUM CHINENSE 'PIILC-III' PP25471 | LOROPETALUM CHINENSE 'PURPLE DAYDREAM' | 3 GAL. | | | 24"-30" | 3'-4' | CONT. | 3" O.C. | | |
| 49 | EA. | RR |  ROSA 'RADRAZZ' KNOCK OUT | RADRAZZ KNOCKOUT ROSE | 5 GAL. | | | 3'-4' | 3'-4' | CONT. | 30" O.C. | | |
| ORNAMENTAL GRASSES/ GROUNDCOVER | | | | | | | | | | | | | |
| 63 | EA. | MC |  MUHLENBERGIA CAPILLARIS | PINK MUHLY GRASS | 3 GAL. | | | 3'-4' | 2'-3' | CONT. | 24" O.C. | | |
| 51 | EA. | PAH |  PENNISETUM ALOPECUROIDES 'HAMELN' | HAMELN DWARF FOUNTAIN GRASS | 3 GAL. | | | 2'-3' | 1'-2' | CONT. | 36" O.C. | | |
| 420 | EA. | LSS |  LIRIOPE SPICATA SILVER DRAGON | BIG BLUE LIRIOPE SILVER DRAGON LIRIOPE | 1 GAL. | | | 12"-16" | 8"-12" | CONT. | 12" O.C. | | |
| 110 | EA. | LME |  LIRIOPE MUSCARI 'EMERALD GODDESS' | EMERALD GODDESS LIRIOPE | 1 GAL. | | | 18"-24" | 24"-30" | CONT. | 18" O.C. | | |
| 980 | EA. | HS |  HEMEROCALLIS SPP | DAYLILIES STELLA D 'ORO' | 1 GAL. | | | 10"-12" | 10"-12" | CONT. | 12" O.C. | | |
| 159 | EA. | JCB |  JUNIPERUS CONFERTA 'BLUE PACIFIC' | BLUE PACIFIC JUNIPER | 3 GAL. | | | 6"-12" | 5' - 6' | CONT. | 3" O.C. | | |
| 220 | EA. | NA |  NARCISSUS | DAFFODILS | 1 GAL. | | | 12"-16" | 5"-6" | CONT. | 6" O.C. | | |
| 120 | EA. | RH |  RUDBECKIA HIRTA | BLACK-EYED SUSAN | 1 GAL. | | | 1'-2' | 12"-18" | CONT. | 12" O.C. | | |
| 140 | EA. | LOC |  LOBELIA CARDINALIS L. | CARDINAL FLOWER | 1 GAL. | | | 2'-4' | 1'-2' | CONT. | 12" O.C. | | |
| 15 | EA. | AC |  AMSONIA CILIATA | BLUESTAR | 1 GAL. | | | 24"-36" | 24"-30" | CONT. | 36" O.C. | | |
| 175 | EA. | VUG |  VERONICA UMBROSA 'GEORGIA BLUE' | GEORGIA BLUE VERONICA | 1 GAL. | | | 4"-6" | 6"-8" | CONT. | 12" O.C. | | |
| MISCELLANEOUS ITEMS | | | | | | | | | | | | | |
| 150 | CY | N/A | LANDSCAPE MULCH - TRIPLE SHREDDED HARDWOOD MULCH, 3" DEPTH | | | | | | | | | | |
| 300 | CY | N/A | PLANT MIX TOPSOIL 6" | | | | | | | | | | |
| 4 | EA. | N/A | BENCH (3 SEAT UNIT) | | | | | | | | | | END ARMS AND SINGLE INTERMEDIATE ARMS BY LANDSCAPE FORMS |
| 4 | EA. | N/A | TRASH RECEPTACLE | | | | | | | | | | TOP OPENING, 30 GAL. CAPACITY PRESIDIO LITTER BY LANDSCAPE FORMS |
| 2 | EA. | N/A | BICYCLE RACK | | | | | | | | | | BICYCLE RACK BY VICTOR STANLEY |

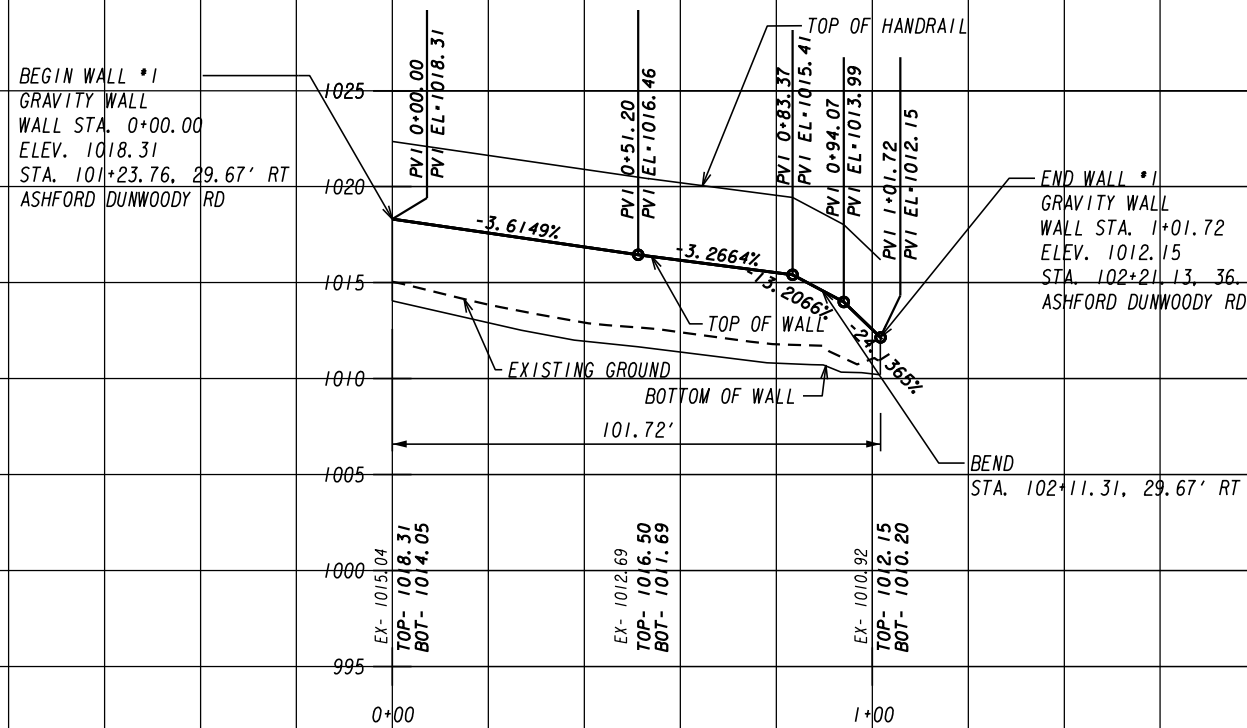


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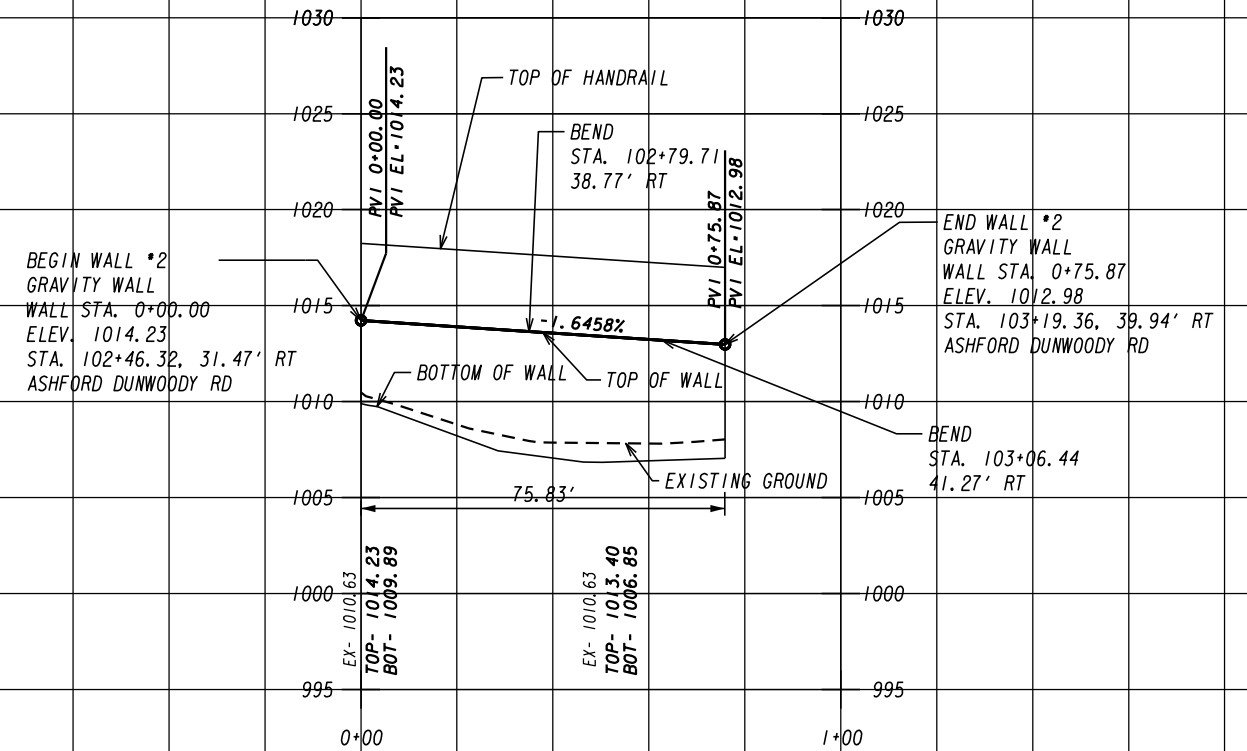
LANDSCAPING QUANTITIES
ASHFORD DUNWOODY ROAD IMPROVEMENTS

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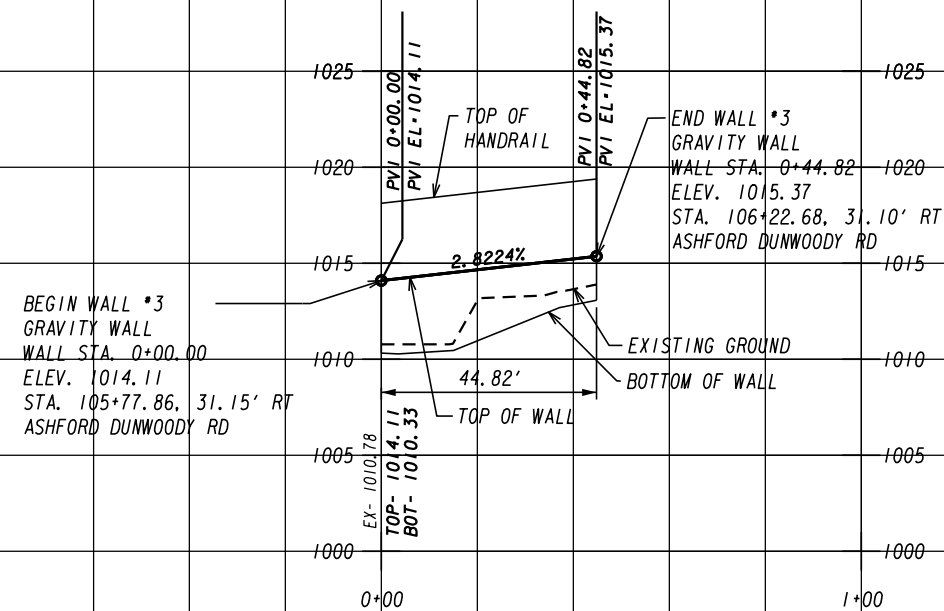
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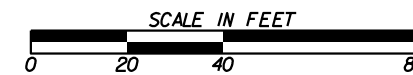
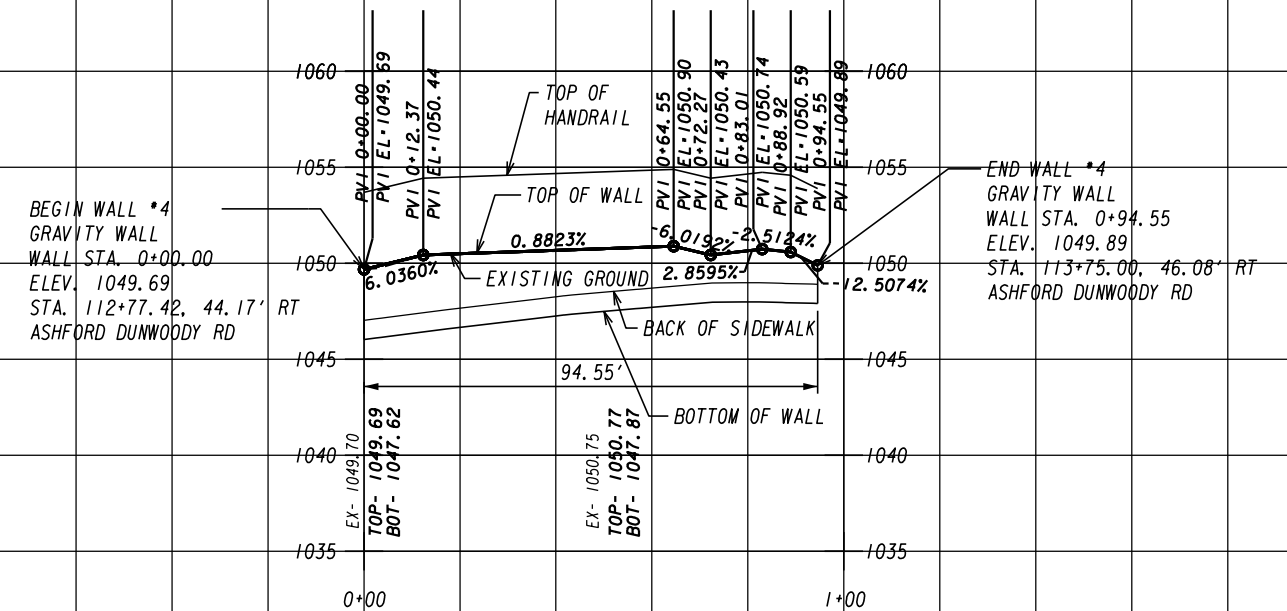
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GRAVITY WALL #3



GRAVITY WALL #4



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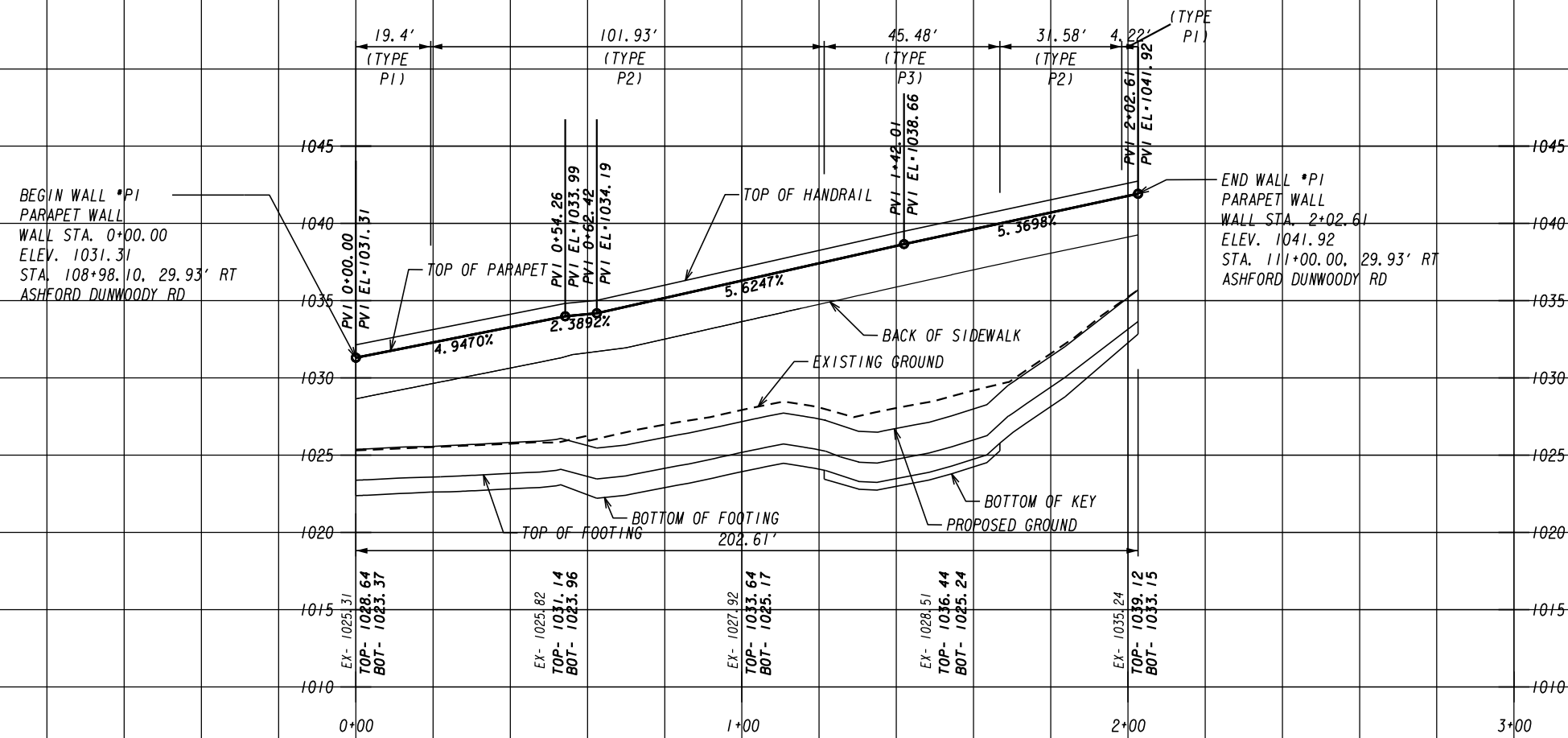
CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS

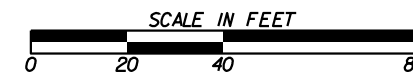
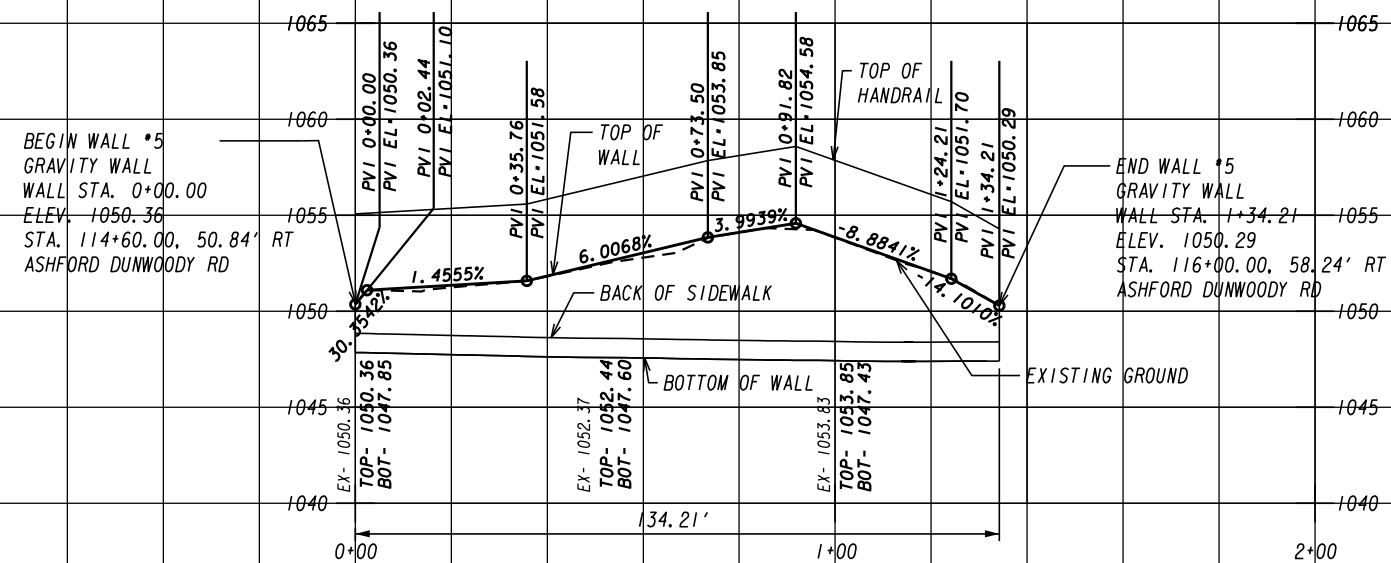
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PARAPET WALL # 1



GRAVITY WALL # 5



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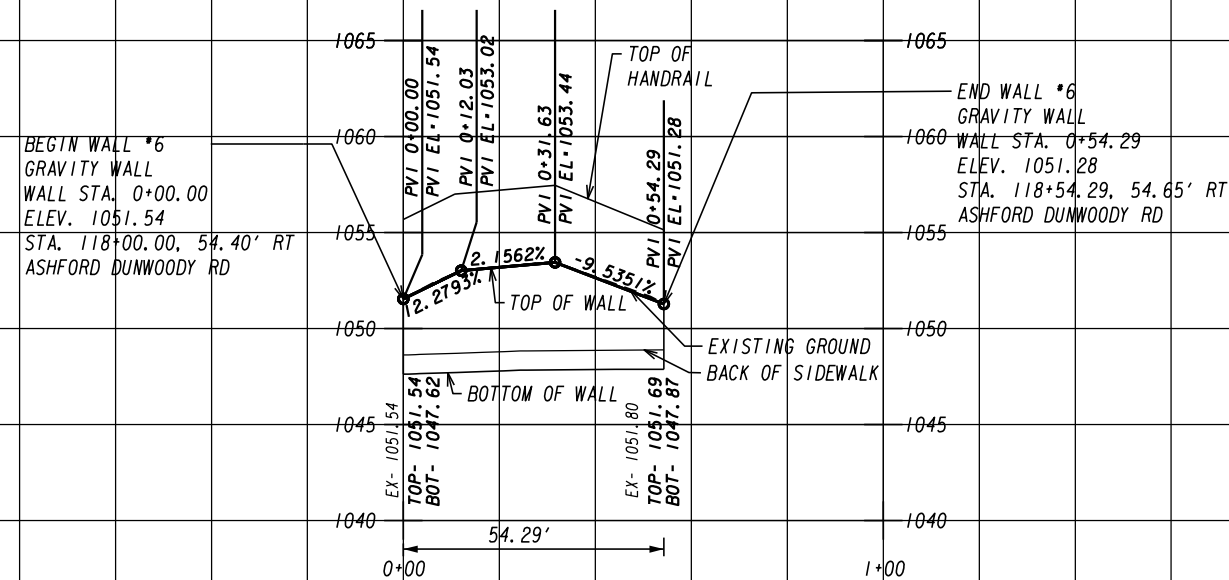
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ASHFORD DUNWOODY ROAD IMPROVEMENTS

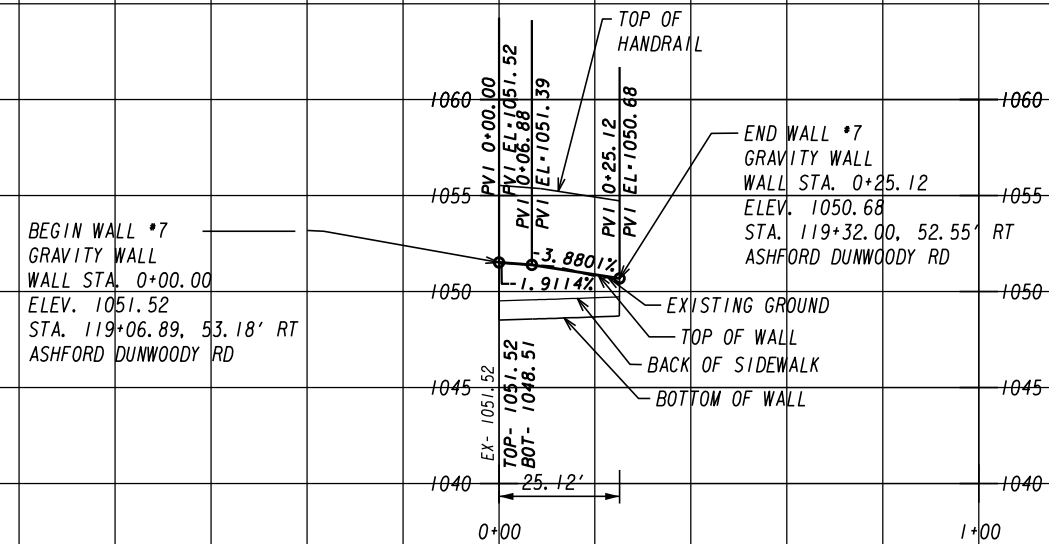
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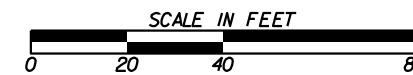
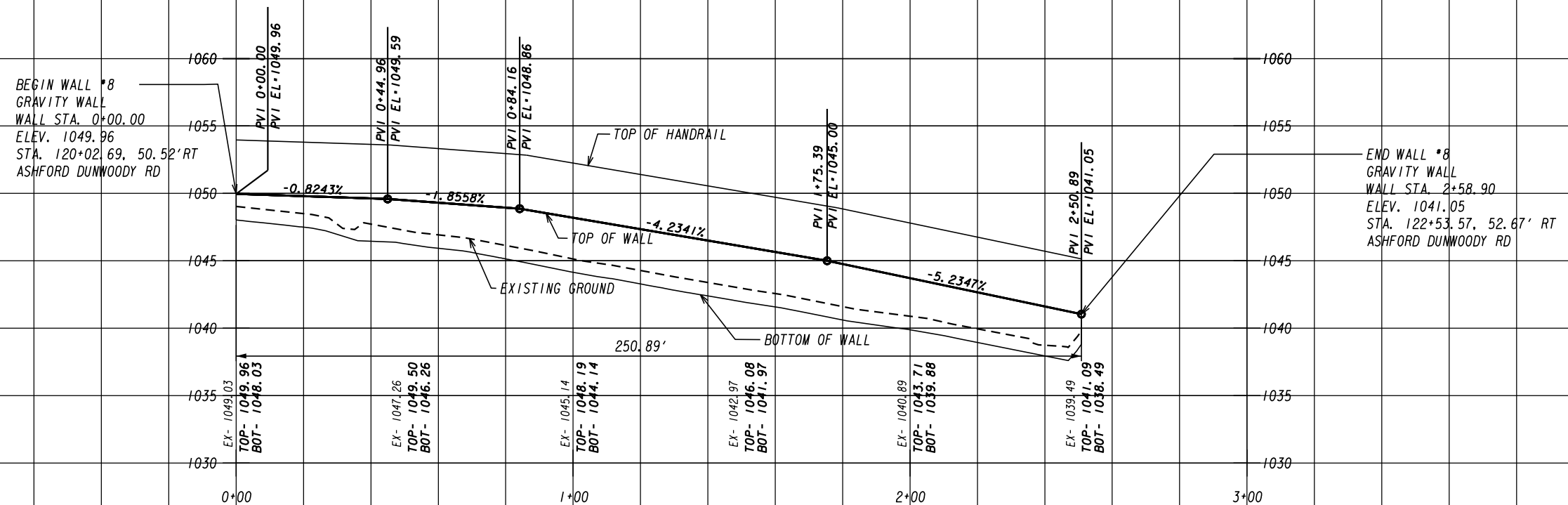
GRAVITY WALL #6



GRAVITY WALL #7



GRAVITY WALL #8



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CENTRAL DEKALB PERIMETER CID

ASHFORD DUNWOODY ROAD IMPROVEMENTS

RETAINING WALL ENVELOPES

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