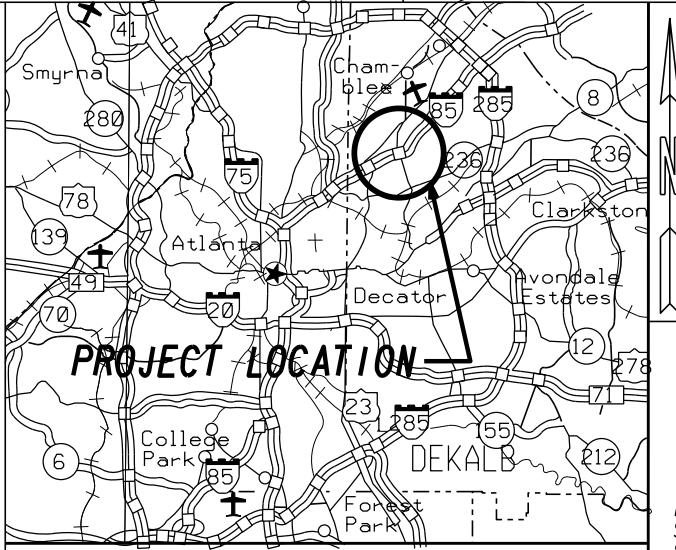


DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN INTERCHANGE RECONSTRUCTION - ZONE 1 & 2 SR 42/N.DRUID HILLS RD @ I-85 DEKALB COUNTY FEDERAL AID PROJECT

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with Part IV, of the General NPDES Permit No. GARI00002."

- (12) "I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document 'Manual for Erosion and Sediment Control in Georgia' (Manual) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the land disturbing activity was permitted, provides for sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GARI00002."
- (13) "I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and Intermittent streams and other water bodies shown on the USGS topographic map and all other field verified perennial and Intermittent streams and other water bodies, or (b) where any such specific identified perennial or Intermittent stream and other water body is not proposed to be sampled, I have determined in my professional judgment, utilizing the factors required in the General NPDES Permit No. GARI00002, that the increase in the turbidity of each specific identified sampled receiving water will be representative of the increase in the turbidity of a specific identified un-sampled receiving water."
- (11) "I certify under penalty of law that this plan was prepared after a site visit to the location described herein by myself or my authorized agent, under my direct supervision."



9 LOCATION SKETCH

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

6 BEGIN-POINT COORDINATES

Longitude: -84.3404°
Latitude: 33.8338°

MID-POINT COORDINATES

Longitude: -84.3355°
Latitude: 33.8321°

END-POINT COORDINATES

Longitude: -84.3318°
Latitude: 33.8289°

4 PRIMARY PERMITTEE

NORTH TARRANT INFRASTRUCTURE, LLC
1190 WEST DRUID HILLS DR, SUITE 135
BROOKHAVEN, GA 30329
Phone: (404) 609 - 4600
Email: cgomez@ferrovial.us

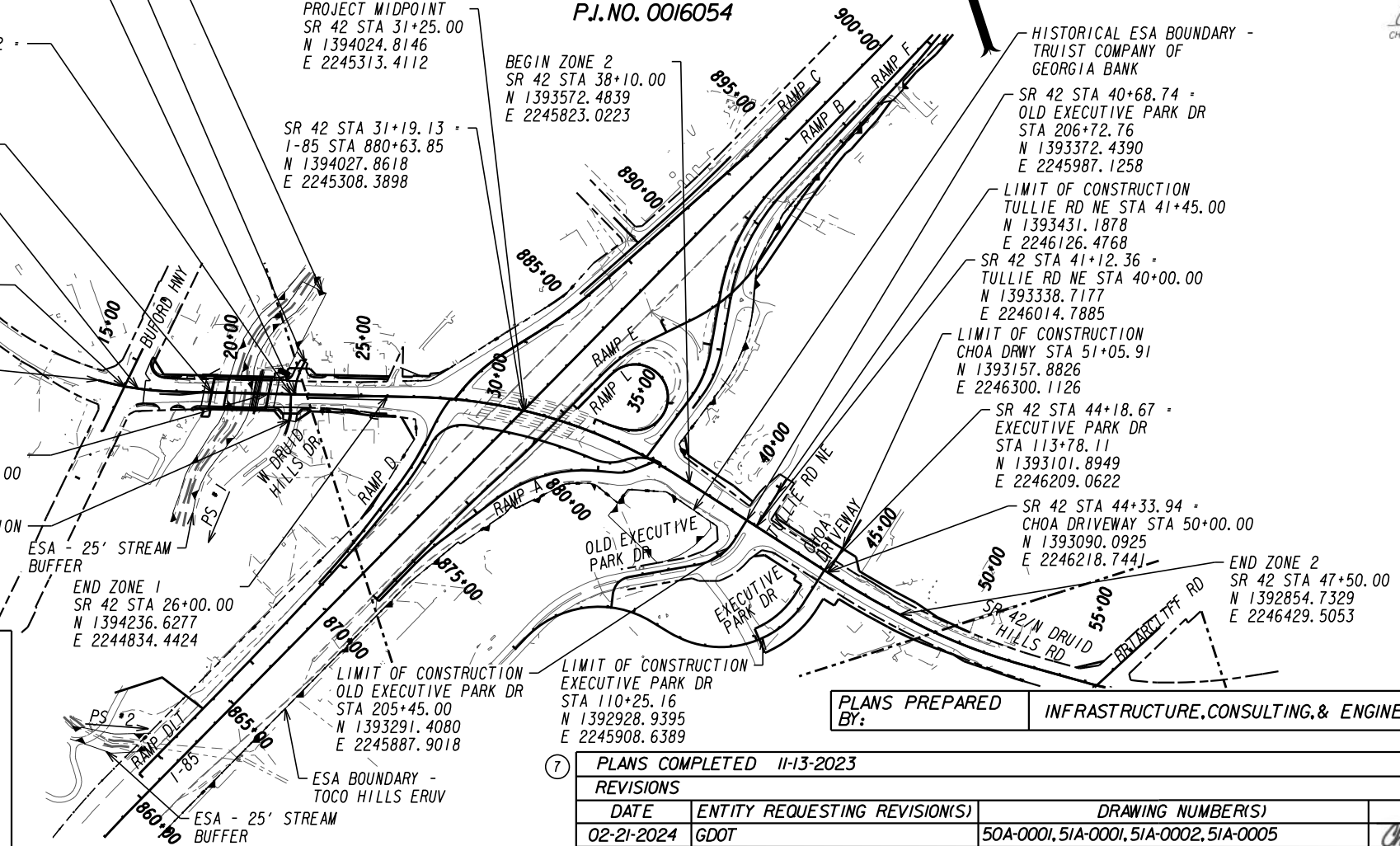
3 24 HOUR CONTACT:

CARLOS GOMEZ
Name
1190 WEST DRUID HILLS DR. SUITE 135
Street Address
BROOKHAVEN, GA 30329
City, State Zip
(404) 609 - 4600
Phone Number
CGOMEZ@FERROVIAL.US
Email Address
Contractor shall complete the information in this box.

ESA - NORTH FORK PEACHTREE CREEK GREENWAY PARCEL
LIMIT OF CONSTRUCTION SALVATION ARMY DRIVEWAY STA 91+30.00
N 1394457.3218
E 2244576.2841
SR 42 STA 22+49.53 - SALVATION ARMY DRIVEWAY STA 90+00.00
N 1394351.5779
E 2244503.3563
SR 42 STA 22+34.02 - W DRUID HILLS DR STA 10+00.00
N 1394356.6637
E 2244488.7080
BEGIN BRIDGE #1 SR 42 STA 19+34.00
LIMIT OF CONSTRUCTION BEGIN ZONE 1 SR 42 STA 16+53.93
N 1394554.4349
E 2243943.6488
SR 42 STA 16+01.87 - BUFORD HWY STA 113+89.52
N 1394578.2680
E 2243897.3759
BEGIN PROJECT SR 42 STA 15+00.00
N 1394630.8749
E 2243810.1763
END BRIDGE #1 SR 42 STA 21+49.00
LIMIT OF CONSTRUCTION W DRUID HILLS DR STA 9+00.00
N 1394263.6903
E 2244452.3110

PROJECT MIDPOINT SR 42 STA 31+25.00
N 1394024.8146
E 2245313.4112

FEDERAL ROUTE I-85
STATE ROUTE #42
P.J. NO. 0016054

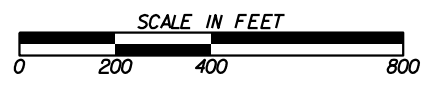


Signature: Christopher C. Thompson, PE
Professional Engineer No. 0000067301
11-15-2023



2 GSWCC LEVEL II CERTIFICATION NUMBER 000006730

north tarrant infrastructure, llc
INFRASTRUCTURE CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071



PLANS PREPARED BY: INFRASTRUCTURE CONSULTING & ENGINEERING

7 PLANS COMPLETED 11-13-2023

DATE	ENTITY REQUESTING REVISION(S)	DRAWING NUMBER(S)	SIGNATURE	GSWCC LEVEL II CERT.#
02-21-2024	GDOT	50A-0001, 51A-0001, 51A-0002, 51A-0005	Christopher Thompson	000006730
03-19-2024	GDOT & GEORGIA EPD	50A-0001, 51A-0002 TO 51A-0005, 53A-0000 TO 53A-0002, 54A-0015, 54A-0019, 54A-0023	Christopher Thompson	000006730
-	-	-	-	000006730
-	-	-	-	-
-	-	-	-	-

LENGTH OF PROJECT	DEKALB COUNTY COUNTY No. 089	DEKALB COUNTY COUNTY No. 089
	Project No. 0016054	Project No. 0016054 ZONE 1 & 2
	MILES	MILES
NET LENGTH OF ROADWAY	3.124	0.316
NET LENGTH OF BRIDGES	0.164	0.041
NET LENGTH OF PROJECT	3.288	0.357
NET LENGTH OF EXCEPTIONS	0.000	0.229
GROSS LENGTH OF PROJECT	3.288	0.586

DRAWING No. 50A-0001



ESPCP GENERAL NOTES

- 19 The escape of sediment from the project site shall be prevented by the installation of erosion and sediment control measures and practices prior to land-disturbing activities.
- 20 Erosion and sedimentation control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective control, additional erosion and sedimentation control measures shall be implemented to control or treat the sediment source.

ESPCP ALTERATIONS

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

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

CONSTRUCTION SCHEDULE AND SEQUENCE OF MAJOR ACTIVITIES

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

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

- 8 The existing site conditions for ZONE 1 consists of a 6-lane bridge over North Fork Peachtree Creek and an urban roadway with curb and gutter. The primary purpose of construction is to widen SR 42 and replace the bridge over North Fork Peachtree Creek.

The existing site conditions for ZONE 2 consists of a 6-lane urban roadway with curb and gutter along with a parking lot. The primary purpose of construction is to install temporary traffic signal for the Tullie Rd/Executive Park Dr existing intersection and proposed intersection with CHOA driveway until the permanent signal can be constructed.

- 28 The initial phase of erosion control consists of the installation of perimeter BMPs. The perimeter BMPs include the installation of perimeter silt fence and inlet sediment traps in the existing inlets.

- 29 The intermediate phase (Construction Stage I Phase 1-3) of erosion control consists of maintaining the initial phase erosion control measures and the implementation of temporary BMPs to protect new construction. Temporary BMPs include silt fence, mulch, temporary grassing, and inlet sediment traps.

The final phase of erosion control consists of the installation of permanent BMPs to stabilize the disturbed areas. These BMPs will be implemented whenever final grade has been established in any area of the project. Permanent BMPs include permanent grassing, sod, slope stabilization mats, and rip rap protection.

SITE STABILIZATION AND VEGETATION PLANTING SCHEDULE

- 21 The EPD General NPDES GARI00002 permit states that any disturbed area where construction activities have temporarily or permanently ceased shall be stabilized within 14 days of such cessation or as soon as practicable if precluded by adverse weather conditions. However in special cases, the Project Engineer may require the contractor to perform stabilization more often than 14 days.

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

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

BMP INSTALLATION AND MAINTENANCE MEASURES

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

25 PETROLEUM STORAGE, SPILLS AND LEAKS

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

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

18 WASTE DISPOSAL

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

DEWATERING AND PUMPING ACTIVITIES

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

NONSTORMWATER DISCHARGES

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

24 READY MIX CHUTE WASH DOWN

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

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

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

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

27 OTHER CONTROLS

If the Contractor elects to store building material, building products, construction waste, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials on the site, the Contractor shall provide an appropriate covering to minimize the exposure of those materials or products to precipitation and stormwater to minimize the discharge of pollutants. Minimization of exposure is not required in cases where exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of the specific material or product poses little risk to stormwater contamination or is intended for outdoor use.

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

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

26 POSTCONSTRUCTION BMPs FOR STORMWATER MANAGEMENT

All permanent postconstruction BMPs are shown in the construction plans and in the ESPCP plan. The postconstruction BMPs for this project consist of vegetation and riprap at pipe outlets for velocity dissipation and outlet stabilization. The postconstruction BMPs will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

47 SOIL SERIES INFORMATION

A project-specific soil survey and geotechnical investigation was performed for this project and can be made available upon request. Soil characteristics have been given full consideration in the hydrologic analysis, the design of channels and linings, selection of temporary BMP's, design of energy dissipaters, and in the selection of permanent vegetation and fertilizers.

The following is a summary of the soils that are expected to be found on ZONE 1 AND 2 sites:

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PIE	Pacolet sandy loam, 15 to 30 percent slopes	0.8	3.1%
TI	Toccoa sandy loam, 0 to 2 percent slopes, frequently flooded	2.4	8.7%
Ud	Urban land	24.1	88.2%
Totals for Area of Interest		27.3	100.0%

SILT FENCE INSTALLATION WITH J HOOKS AND SPURS

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

USE OF ALTERNATIVE AND/OR ADDITIONAL BMPs:

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



4940 PEACHTREE INDUSTRIAL BLVD, SUITE 310 NORCROSS, GEORGIA 30071



REVISION DATES	
2/21/2024	

ESPCP GENERAL NOTES

SR 42 @ I-85 - ZONE 1 & 2

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

49 SEDIMENT STORAGE

5 Zone 1 site has a total disturbed area of 3.10 acres. Zone 2 site has a total disturbed area of 0.15 acres. The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.

Table with 10 columns: Location, STATION/OFFSET, Total Drainage Area, Disturbed Area, Required Sediment Storage Volume, Total Storage Volume Provided, Inlet Sediment Traps, Silt Fence, and Total Volume. Rows include Outfall 1*, Outfall 2, Outfall 3**, and Total Sheet Flow.

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

*Note: Sediment Storage of 67 cy/ac drained is not achieved at this outfall due to the topographic site constraints, surrounding businesses, and limited right of way. The majority of flow at this outfall is from offsite that drains through a small proposed ditch and new pipe inlet. Contractor shall maintain ditch checks to the extent practicable during grading operations to alleviate downstream impacts. The maximum number of BMPs has been installed in an attempt to meet the requirement.

**Note: Outfall 3: 9.02 acres is diverted around the disturbed area resulting in a Total Drainage Area of 0.26 acres.

TEMPORARY SEDIMENT BASIN DETAILS:

Outfall 1- No sediment basins are used at this location. Protection is provided through the use of mulch, grassing (temporary and permanent), silt fence, and inlet sediment traps. A sediment basin is not feasible at this location due to the terrain, surrounding businesses, and impacts to right of way.

Outfall 2- No sediment basins are used at this location. The required sediment storage is met through the use of mulch, grassing (temporary and permanent), silt fence, and inlet sediment traps. A sediment basin is not feasible at this location due to the terrain, surrounding businesses, and impacts to right of way.

Outfall 3- No sediment basins are used at this location. The required sediment storage is met through the use of inlet sediment traps. A sediment basin is not feasible at this location due to the terrain, surrounding businesses, and impacts to right of way.

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

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

NPDES construction activities are considered a significant source of pollution - compliance with the Permit should lead to sediment loading for construction sites at or below applicable targets.

Table with 7 columns: Outfall ID# and Location, Reach Name, Location of the Impaired Stream Segment, Criteria Violated, Potential Cause, Category, and Numeric waste load allocation. Rows include Outfall 1, Outfall 2, and Outfall 3.

* If the TMDL Implementation Plan establishes a specific numeric waste load allocation that applies to the project discharge(s) to the impaired stream segment, then the Certified Design Professional must incorporate that allocation into the Erosion, Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation. See Appendix I for additional required BMPs for this project.

14 30 INSPECTIONS AND REPORTING

As the primary permittee, the Developer must retain the design professional who prepared the ESPCP, or an alternative design professional approved by EPD in writing, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days of installation over the entire infrastructure project. Alternatively, for linear infrastructure projects, the permittee must retain either of these personnel to inspect the initial sediment storage requirements and perimeter control BMPs for the initial segment, as defined by Part IV.A.5. of the current GARI00002 Permit, within 7 days of installation and all sediment basins within the entire linear infrastructure project within 7 days of installation. The inspecting design professional shall report the results to the primary permittee within 7 days, and the permittee must correct all deficiencies within 2 business days of receipt of the inspection report, unless on-site weather conditions are such that more time is required. Additionally, the Developer's Construction Project Engineer will be responsible for all subsequent 7 day inspections for all new BMP installations.

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

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

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

STATE-WATER BUFFER IMPACTS

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

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

The Contractor is not authorized to enter into stream buffers, except as described in the table below:

Table with 5 columns: State-Water ID# or Name, Location of Buffered Streams and State Waters, Stream Type, and Buffer Variance Required. Includes entry for PS #1 - North Fork Peachtree Creek.

31 WATER QUALITY INSPECTING AND SAMPLING PROCEDURES

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

32 RETENTION OF RECORDS

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

10 33 34 35 SAMPLING LOCATIONS AND GENERAL NOTES

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

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

Table with 2 main sections: SAMPLING INFORMATION and REPRESENTATIVE SAMPLING SCHEME. Includes columns for Primary Sampled Feature, Location, Name of Receiving Water, and various characteristics like Construction Activity, Disturbed Area, etc.

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

REVISION DATES

2/21/2024
3/19/2024

ESPCP GENERAL NOTES

SR 42 @ 1-85 - ZONE 1 & 2

Table with 4 columns: CHECKED, BACKCHECKED, CORRECTED, VERIFIED and 4 columns: DATE, DATE, DATE, DATE. Includes drawing number 51A-0002.

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD: Dekalb County SWCD

Project Name: SR 42 @ I-85 ZONE 1 & 2

Address: SR 42 @ I-85

City/County: Dekalb

Date on Plans: Monday, November 13, 2023

Name & email of person filling out checklist:

Chris Thompson (chris.thompson@ice-eng.com)

(1)

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
51A-0003	Y	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
50A-0001	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
50A-0001	Y	3 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
50A-0001	Y	4 Provide the name, address, email address, and phone number of primary permittee.
51A-0002	Y	5 Note total and disturbed acreages of the project or phase under construction.
50A-0001	Y	6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
50A-0001	Y	7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
51A-0001	Y	8 Descriptions of the nature of construction activity and existing site conditions.
50A-0001	Y	9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
51A-0002	Y	10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
50A-0001	Y	11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 21 of the permit.
50A-0001	Y	12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit. *
50A-0001	Y	13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3) page 37 of the permit as applicable. *
51A-0002	Y	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after installation." in accordance with Part IV.A.5 page 26 of the permit. *
51A-0002	Y	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
51A-0002	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51A-0001	Y	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
51A-0001	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *
51A-0001	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
51A-0001	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
51A-0001	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
51A-0002	Y	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of a Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *
51A-0002	Y	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *
51A-0001	Y	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *
51A-0001	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
51A-0001	Y	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *
51A-0001	Y	27 Description of practices to provide cover for building materials and building products on site. *
51A-0001	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
51A-0001	Y	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
51A-0002	Y	30 Provide complete requirements of Inspections and record keeping by the primary permittee. *
51A-0002	Y	31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *
51A-0002	Y	32 Provide complete details for Retention of Records as per Part IV.F. of the permit. *
51A-0002	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *
51A-0002	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *
51A-0002	Y	35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable. *
54A-SERIES	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *
ALL	Y	37 Graphic scale and North arrow.
54A-SERIES	Y	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Existing Contours USGS 1": 2000' Topographical Sheets Proposed Contours 1": 400' Centerline Profile
N/A	N	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
N/A	N	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
54A-SERIES	Y	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact
54A-SERIES	Y	42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
53A-SERIES	Y	43 Delineation and acreage of contributing drainage basins on the project site.
55A-0001	Y	44 Delineate on-site drainage and off-site watersheds using USGS 1" : 2000' topographical sheets.
53A-SERIES	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
N/A	N	46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
51A-0001	Y	47 Soil series for the project site and their delineation.
54A-SERIES	Y	48 The limits of disturbance for each phase of construction.
51A-0002	Y	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
54A-SERIES	Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
56A-SERIES	Y	51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
51A-0001	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

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

Effective January 1, 2024

REVISION DATES	
3/19/2024	

ESPCP GENERAL NOTES			
SR 42 @ I-85 - ZONE 1 & 2			
CHECKED:	DATE:	DRAWING No.	
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VERIFIED:	DATE:	51A-0003	

APPENDIX 1
THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPs FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO AN IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

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

Plan Page #	Included Y/N	
N/A	N	a. During construction activities, double the width of the 25-foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50-foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
N/A	N	b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
N/A	N	c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
51A-0005	Y	d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
51A-0001	Y	e. Use flocculants or coagulants and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Part III. D.1. of the current NPDES Permits.
N/A	N	f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24-hour period, recognizing the exceptions specified in Part IV.D.6.d. of the current NPDES Permits.
N/A	N	g. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
N/A	N	h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
N/A	N	i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
N/A	N	j. Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan. (https://epd.georgia.gov/erosion-and-sedimentation)
N/A	N	k. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
N/A	N	l. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
N/A	N	m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25-year, 24-hour rainfall event.
N/A	N	n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
N/A	N	o. Install sod for a minimum 20-foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.

51A-0001	Y	p. Conduct soil tests to identify and to implement site-specific fertilizer needs.
51A-0002	Y	q. Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3)(a) – (c); secondary permittees, Part IV.D.4.b.(3)(a) – (c); and tertiary permittees Part IV.D.4.c.(3)(a) – (c) *
N/A	N	r. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
N/A	N	s. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
N/A	N	t. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the Plan.
N/A	N	u. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Part IV.A.5 of the permit. <i>The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.</i>
N/A	N	v. Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual known as the Blue Book or an equivalent or more stringent design manual.

Effective January 1, 2024

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

REVISION DATES	
3/19/2024	

ESPCP GENERAL NOTES

SR 42 @ I-85 - ZONE 1 & 2

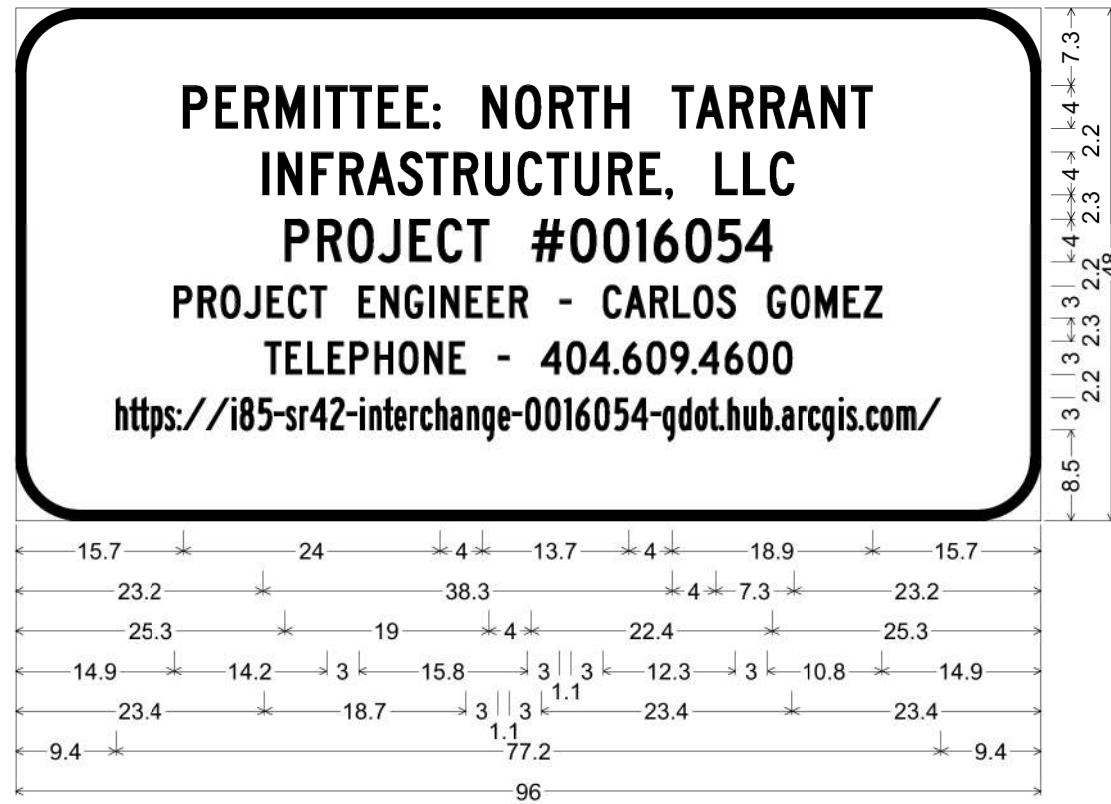
CHECKED:	DATE:	DRAWING No.
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CORRECTED:	DATE:	
VERIFIED:	DATE:	

D ESPCP SIGN

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

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

The Devel-hosted website is:
<https://i85-sr42-interchange-0016054-gdot.hub.arcgis.com>



6.0" Radius, 1.0" Border, Black on White;
"PERMITTEE: NORTH TARRANT", C 2K; "INFRASTRUCTURE, LLC", C 2K;
"PROJECT #0016054", C 2K; "PROJECT ENGINEER - CARLOS GOMEZ", C 2K;
"TELEPHONE - 404.609.4600", C 2K;
"<https://i85-sr42-interchange-0016054-gdot.hub.arcgis.com/>", B 2K;

REVISION DATES	
2/21/2024	
3/19/2024	

ESP CP GENERAL NOTES			
SR 42 @ I-85 - ZONE 1 & 2			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	51A-0005	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

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

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

NOTE:

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

GD&T	NO SCALE	REVISION DATES	EROSION CONTROL LEGEND UNIFORM CODE SHEET SHEET 1 OF 7																	
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CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716		SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS. SLOPE STABILIZATION MAY BE A ROLLED EROSION CONTROL PRODUCT (RECP) OR A HYDRAULIC EROSION CONTROL PRODUCT (HECP). SLOPE STABILIZATION SHALL BE USED ON ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50 FEET OF ALL CROSS DRAINS AND CULVERTS. NOTE: ONLY COCONUT FIBER BLANKET OR WOOD FIBER BLANKET SHALL BE USED AS SLOPE STABILIZATION WITHIN BUFFERED AREAS.
		PATTERN 	
Toc	TACKIFIERS SECTION 163, 700, 895		TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS AND ARE USED TO TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH. TACKIFIERS REQUIREMENTS, SUCH AS ANIONIC POLYACRYLAMIDES (PAM) ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS. PAM IS TYPICALLY USED BY THE CONTRACTOR FOR TEMPORARY OR PERMANENT GRASSING. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR CRITERIA.
		SYMBOL POLYACRYLAMIDE	
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171		A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, OVERFLOW WEIR, AND TURF REINFORCEMENT MATTING (TRM) SPLASHPAD PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24D FOR ADDITIONAL INFORMATION AND SPACING REQUIREMENTS. THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS AND WITHIN THE CLEAR ZONE. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		A COMPOST FILTER SOCK CHECK DAM IS COMPOSED OF A PHOTODEGRADABLE OR BIODEGRADABLE KNITTED MESH MATERIAL CONTAINING A WEED FREE FILLER MATERIAL DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THEY SHALL BE PROPERLY STAKED FOR DITCH APPLICATIONS. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR MATERIAL SPECIFICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		A BALE STRAW CHECK DAM IS COMPOSED OF BALES PREFERABLY BOUND WITH WIRE OR NYLON INSTEAD OF TWINE. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING ADJACENT BALES. THE DOWNSTREAM ROW OF BALES SHALL BE PLACED IN A TRENCH TO ALLOW THE TOP OF THE BALE'S LONG, WIDE SIDE TO BE LEVEL WITH THE GROUND AS A NON-ERODIBLE SPLASH PAD. PROPER STAKING IS ALSO REQUIRED FOR DITCH APPLICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM CONSTRUCTION DETAIL D-56 SECTION 163.603		STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE. SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	
Ch-1	VEGETATED CHANNEL STABILIZATION SECTION 700		A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
		LINE CODE 	
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
		LINE CODE 	
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
		LINE CODE 	

NOTE:

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



NO SCALE

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

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 2 OF 7

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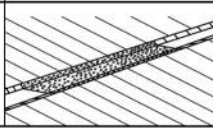
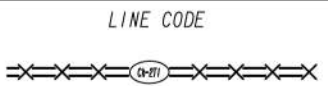
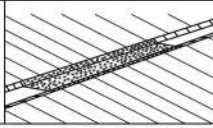
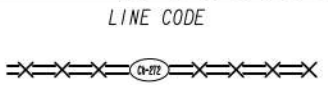
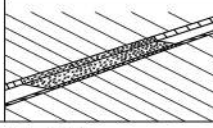
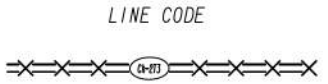
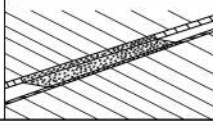
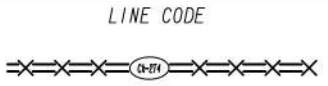
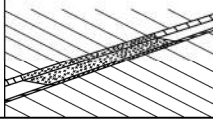
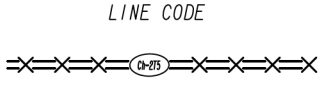
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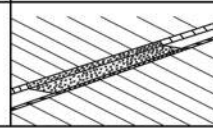

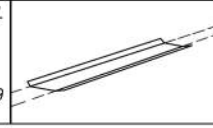
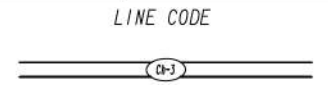
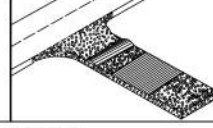

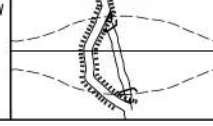

REVISION DATES	

EROSION CONTROL LEGEND
SR 42 @ 1-85 - ZONE 1 & 2

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

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T6	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. *Dp* SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
	LINE CODE		
Ch-3	CONCRETE CHANNEL STABILIZATION CONSTRUCTION DETAIL D-10, D-49 SECTION 441		CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES > 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. *Dp* SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.
	LINE CODE		
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL D-41 SECTION 163, 800		A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I.e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLAYER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS. ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
	SYMBOL		
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 0 - 2.5 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE		

NOTE:

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



NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 3 OF 7	
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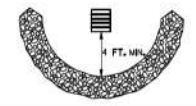



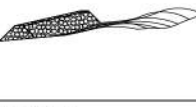



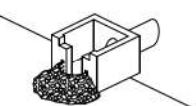

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 2.5 - 9.0 fps.
	LINE CODE 		THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dc-C	STREAM DIVERSION CHANNEL RIP-RAP & GEOTEXTILE SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIP-RAP AND GEOTEXTILE. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 9.0 - 13.0 fps.
	LINE CODE 		THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
D1-1	DIVERSION BERM CONSTRUCTION DETAIL D-47 SECTION 205		A NON-DESIGNED TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS "Dn1" OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
	LINE CODE 		
D1-2	DIVERSION CHANNEL SECTION 205		A DESIGNED TEMPORARY OR PERMANENT CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO DIVERT OFFSITE RUNOFF AWAY FROM DISTURBED AREAS WITHIN THE PROJECT AREA. CHANNEL FOR OFFSITE RUNOFF SHALL BE STABILIZED WITH APPROPRIATE CHANNEL STABILIZATION. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA. A DIVERSION CHANNEL DETAIL MUST ALSO BE PROVIDED IN THE ESPCP.
	LINE CODE 		RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL D-19 SECTION 163		A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 350 FEET ON 0% - 2% GRADES, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE TYPICAL PIPE SIZE IS A CORRUGATED 10". THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10".
	LINE CODE 		THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.

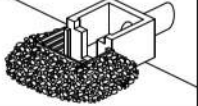


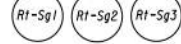
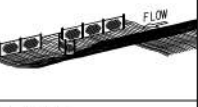



CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dn2-A	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		A CONCRETE FLUME TYPE "A" IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL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

NOTE:

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

	NO SCALE	REVISION DATES	EROSION CONTROL LEGEND UNIFORM CODE SHEET SHEET 4 OF 7																					
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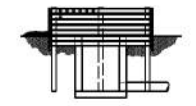

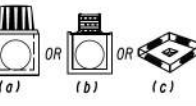

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL D-46 SECTION 163		A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS AND POST-CONSTRUCTION POND OUTLETS. IT REDUCES RUNOFF VELOCITY AND HELPS PREVENT SEDIMENT FROM LEAVING SITE PRIOR TO PERMANENT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

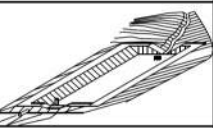
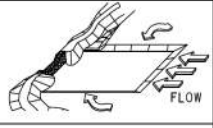
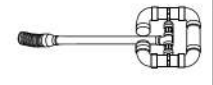
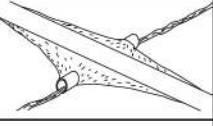
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION		
Rt-B	RETROFITTING SLOTTED BOARD DAM CONSTRUCTION DETAIL D-45 SECTION 163		A SLOTTED BOARD DAM CONSISTS OF STONE AND/OR FILTER FABRIC AND BOARDS WITH 0.5" - 1.0" SPACING TO SERVE AS A TEMPORARY SEDIMENT FILTER. PERMANENT STORMWATER DETENTION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

NOTE:

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

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

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

NOTE:

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

GDOT	NO SCALE	REVISION DATES	EROSION CONTROL LEGEND																																
		UNIFORM CODE SHEET	SHEET 6 OF 7																																
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CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332		A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 48" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY OF THE 25-YEAR STORM IS 12 fps AND GREATER.
		SYMBOL 	
St-Rp	STORM DRAIN OUTLET PROTECTION (RIP-RAP) CONSTRUCTION DETAIL D-55 SECTION 603		RIP-RAP OUTLET PROTECTION IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE, CHANNEL, OR STRUCTURE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. THE MINIMUM DESIGN OF RIP-RAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM PEAK FLOW, BUT LARGER STORMS ARE RECOMMENDED. TYPE-1 RIP-RAP AT A DEPTH OF 36" AND PLACED ON FILTER FABRIC IS PREFERRED FOR ALL d50 ≤ 1.2 FEET. TYPE-3 RIP-RAP AT A DEPTH OF 18" AND PLACED ON FILTER FABRIC MAY BE USED FOR d50 ≤ 0.7 FEET. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR REQUIRED DESIGN DIMENSIONS AND OTHER INFORMATION TO BE INCLUDED IN THE PLANS.
		PATTERN 	
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL S-7 SECTION 205		PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER. IN MOST CASES THIS BMP IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE SPECIFIED BY THE SOIL SURVEY, THEN THIS BMP SHALL BE SHOWN ON THE PLANS WHERE SERRATED SLOPES ARE TO BE USED.
		LINE CODE 	
Tc-F	TURBIDITY CURTAIN FLOATING CONSTRUCTION DETAIL D-51 SECTION 170		A FLOATING TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
		LINE CODE 	
Tc-S	TURBIDITY CURTAIN STAKED CONSTRUCTION DETAIL D-51 SECTION 170		A STAKED TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED IN SHALLOW INUNDATED AREAS. IT MAY BE USED TO PROTECT A SMALL STREAM BEING REALIGNED OR RESTORED. IN THIS CASE, CURTAIN SHOULD EXTEND TO BOTTOM OF STREAMBED. THE HEIGHT SHOULD BE LIMITED TO 5 FEET UNLESS DIRECTED AND EXTEND 2 FEET ABOVE NORMAL WATER ELEVATION. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.
		LINE CODE 	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

NOTE:

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



NO SCALE

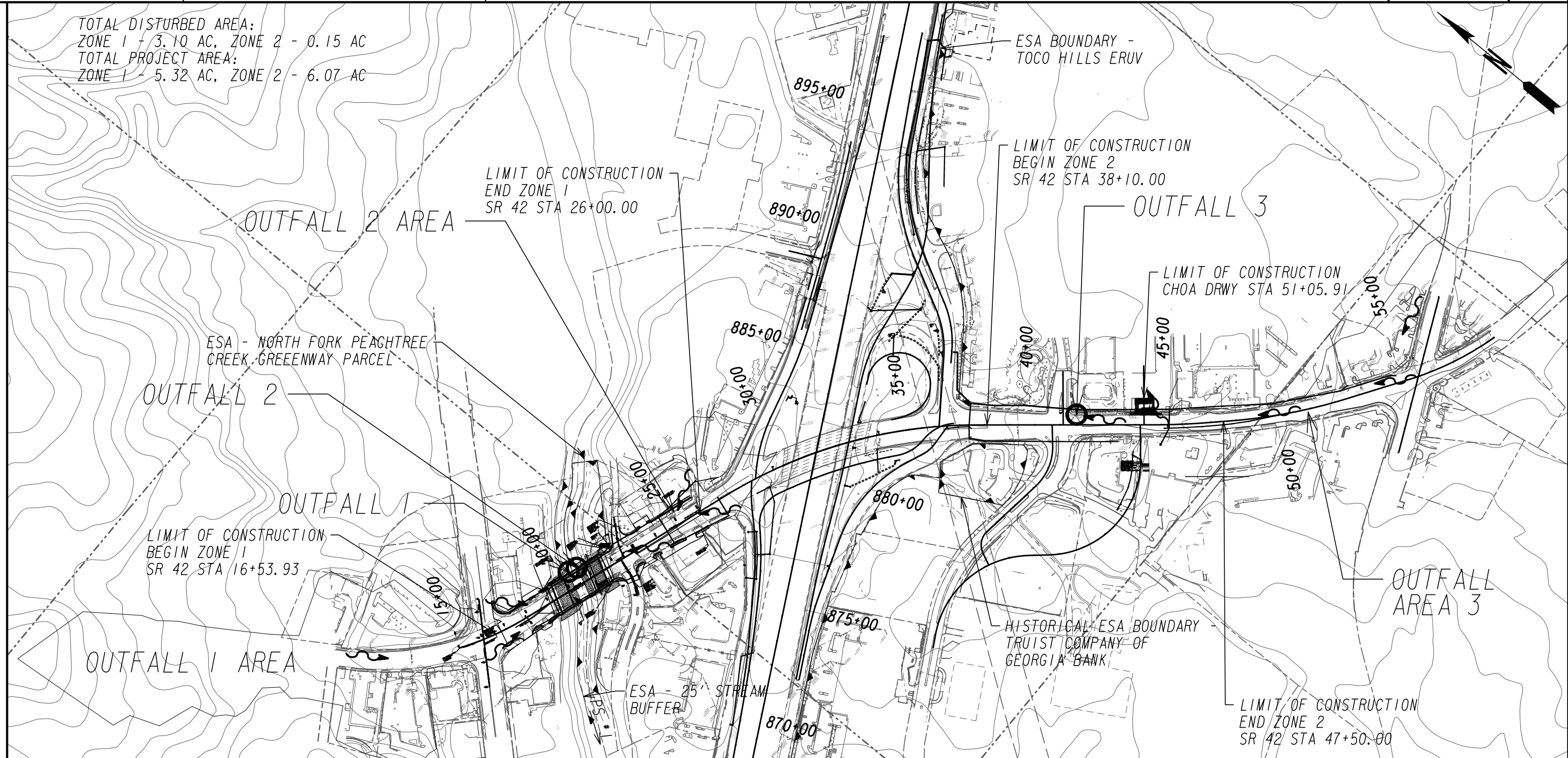
REVISION DATES	
3/2/2017	

EROSION CONTROL LEGEND			
UNIFORM CODE SHEET			
SHEET 7 OF 7			
CHECKED:	D. EABLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
			DRAWING No. 52-0007

REVISION DATES	

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52A-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

TOTAL DISTURBED AREA:
ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
TOTAL PROJECT AREA:
ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC



OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
1	SR 42	19+90	70.23' LT	84	84	110.9	110.9	128.7	128.8	147.5	147.6	3.96*	3.49*	4.03*	3.54*	17.76	17.77	1.09	0.008	Existing Channel
2	SR 42	20+85	64.80' LT	89	88	48.4	49.6	54.8	56.3	61.5	63.4	3.96*	3.49*	4.03*	3.54*	6.28	6.54	2.01	0.008	Existing Channel
3	SR 42	41+66	41.28' LT	92	92	81.1	81.1	99.7	99.7	115.8	115.7	1.7**	1.7**	0.24**	0.24**	9.28	9.28	0.03	0.019	Existing Pipe

* Value obtained from HEC-RAS model for Bridge #1 due to proximity of outfall to creek (applies to all 53 series tables)
 **Outfall includes offsite flow values from the PLN stormwater Master CHOA Hospital Report (applies to all 53 series tables)

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
 REQ'D LIMIT OF ACCESS
 REQ'D LIMIT OF ACCESS & R/W
 ORANGE BARRIER FENCE
 ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)
 TEMPORARY CONSTRUCTION PAVEMENT

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD, SUITE 310
 NORCROSS, GEORGIA 30071

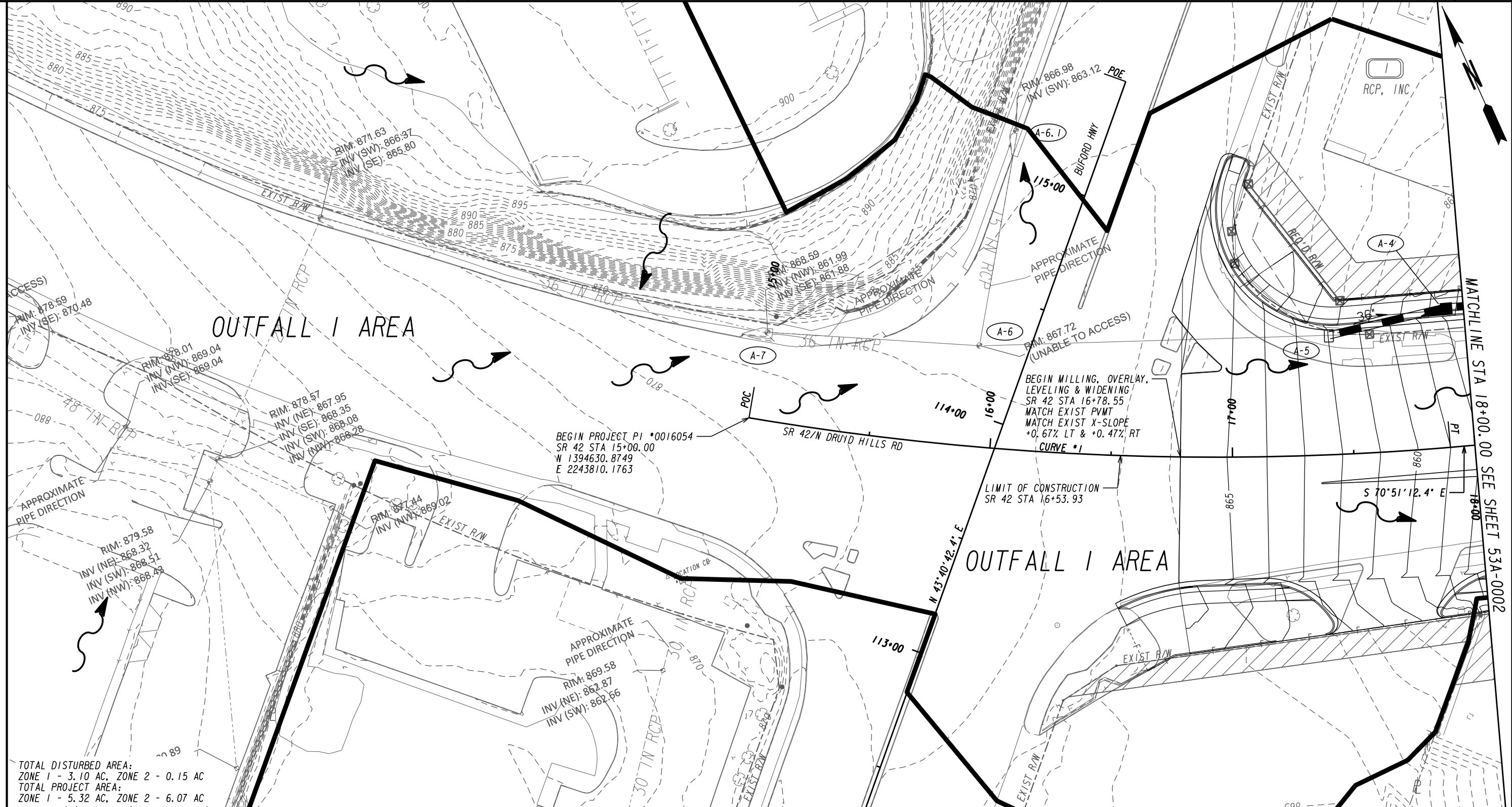
north tarrant
 infrastructure, llc

SCALE IN FEET
 0 200 400 800

REVISION DATES
 3/19/2024

EROSION CONTROL DRAINAGE AREA MAP
 SR 42 @ I-85 - ZONE 1 & 2

CHECKED: DATE: DRAWING No.
 BACKCHECKED: DATE:
 CORRECTED: DATE:
 VERIFIED: DATE: 53A-0000



TOTAL DISTURBED AREA:
 ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
 TOTAL PROJECT AREA:
 ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC

OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
1	SR 42	19+90	70.23' LT	84	84	110.9	110.9	128.7	128.8	147.5	147.6	3.96*	3.49*	4.03*	3.54*	17.76	17.77	1.09	0.008	Existing Channel

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

--- P ---
 --- C ---
 --- F ---
 --- O ---
 --- H ---
 --- B ---
 --- S ---
 --- T ---
 --- V ---

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

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD, SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

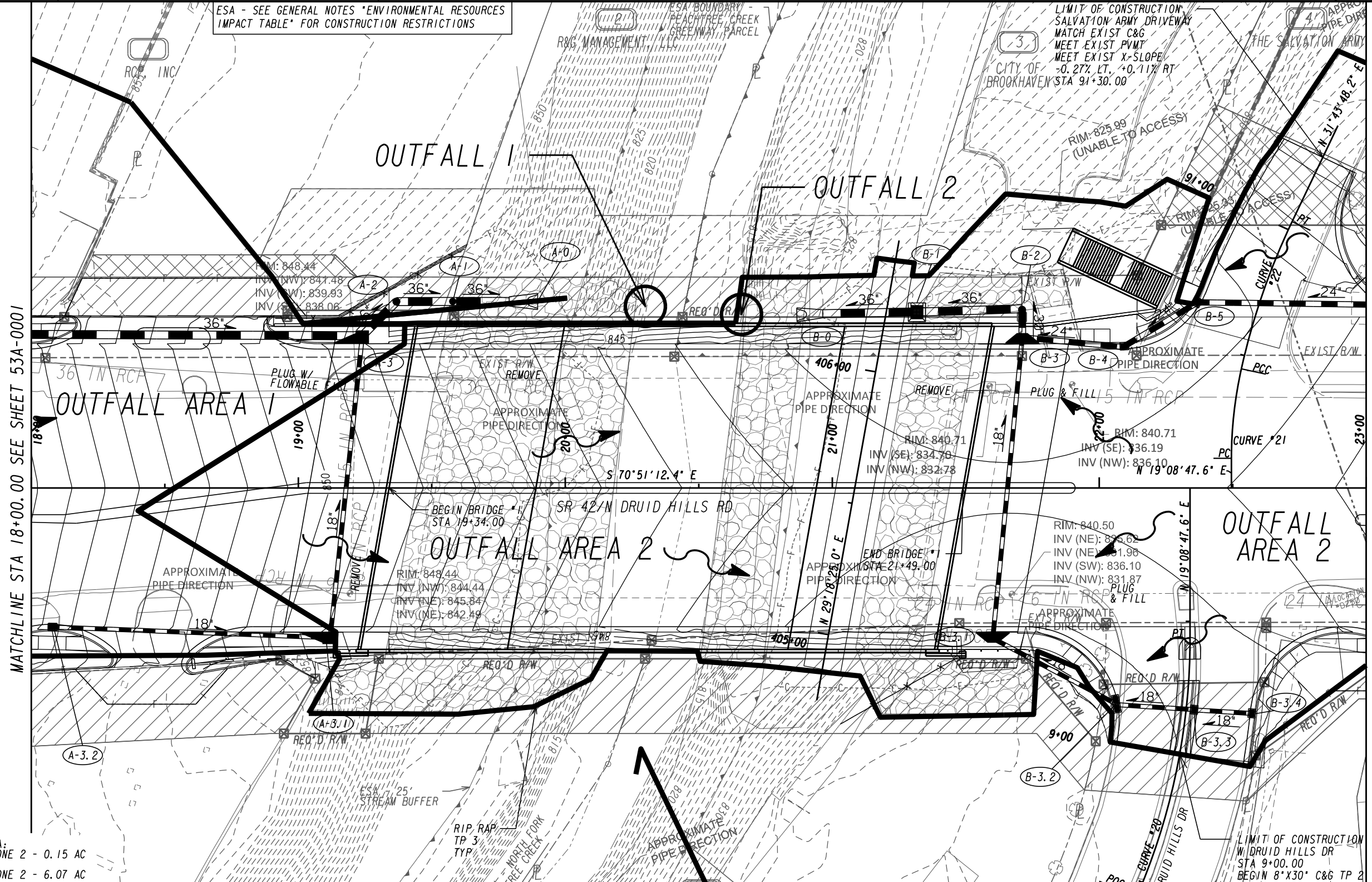
SCALE IN FEET
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REVISION DATES

3/19/2024	

EROSION CONTROL DRAINAGE AREA MAP
 SR 42 @ I-85 - ZONE 1 & 2
 STA 15+00.00 TO STA 18+00.00

CHECKED: DATE: DRAWING No.
 BACKCHECKED: DATE:
 CORRECTED: DATE:
 VERIFIED: DATE: **53A-0001**



TOTAL DISTURBED AREA:
 ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
 TOTAL PROJECT AREA:
 ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC

OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
1	SR 42	19+90	70.23' LT	84	84	110.9	110.9	128.7	128.8	147.5	147.6	3.96*	3.49*	4.03*	3.54*	17.76	17.77	1.09	0.008	Existing Channel
2	SR 42	20+85	64.80' LT	89	88	48.4	49.6	54.8	56.3	61.5	63.4	3.96*	3.49*	4.03*	3.54*	6.28	6.54	2.01	0.008	Existing Channel

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

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

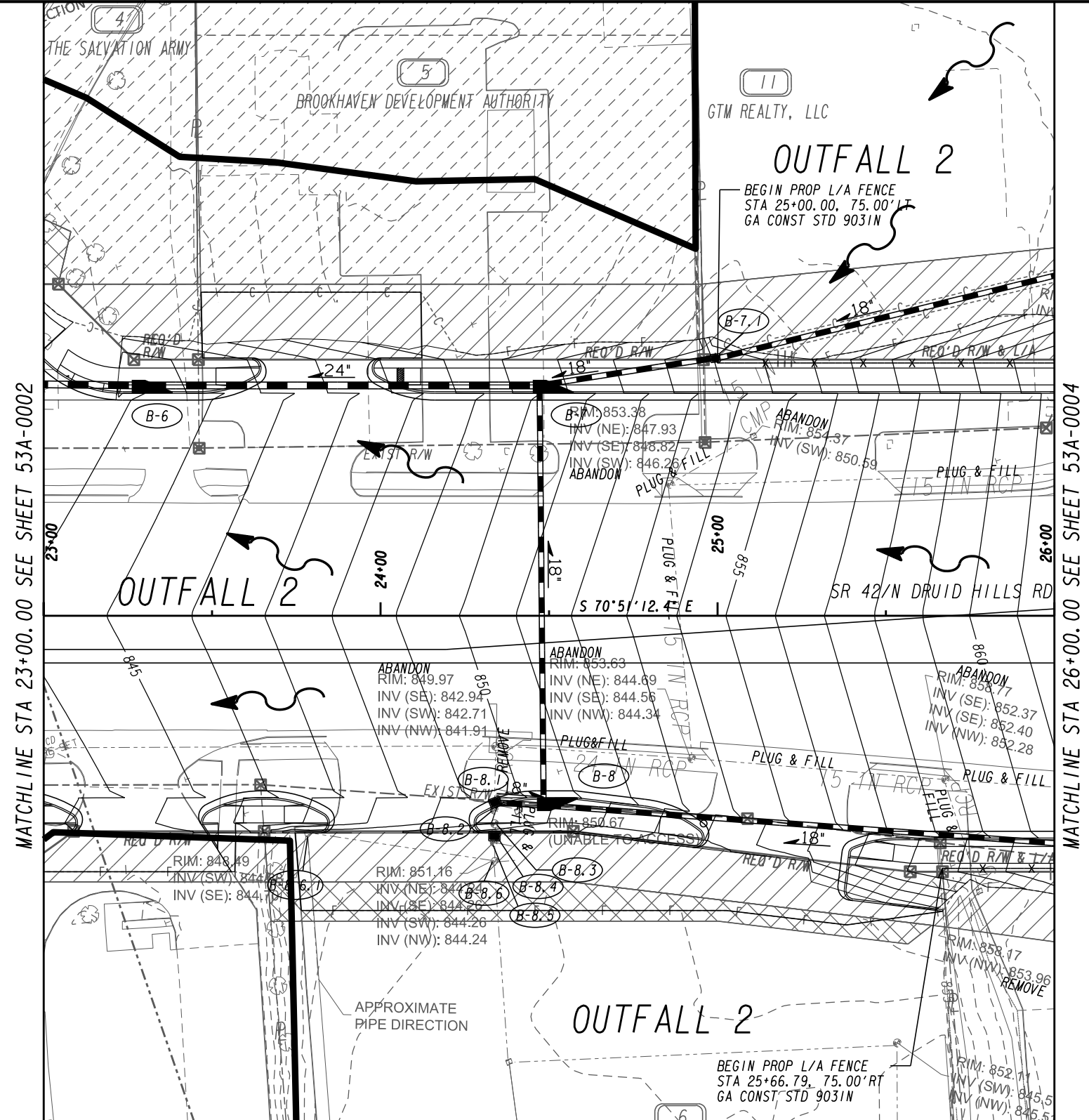
SCALE IN FEET
 0 20 40 60

REVISION DATES

3/19/2024	

EROSION CONTROL DRAINAGE AREA MAP
 SR 42 @ I-85 - ZONE 1 & 2
 STA 18+00.00 TO STA 23+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	53A-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



TOTAL DISTURBED AREA:
ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
TOTAL PROJECT AREA:
ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC

OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
2	SR 42	20+85	64.80' LT	89	88	48.4	49.6	54.8	56.3	61.5	63.4	3.96*	3.49*	4.03*	3.54*	6.28	6.54	2.01	0.008	Existing Channel

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

INFRASTRUCTURE
CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD, SUITE 310
NORCROSS, GEORGIA 30071

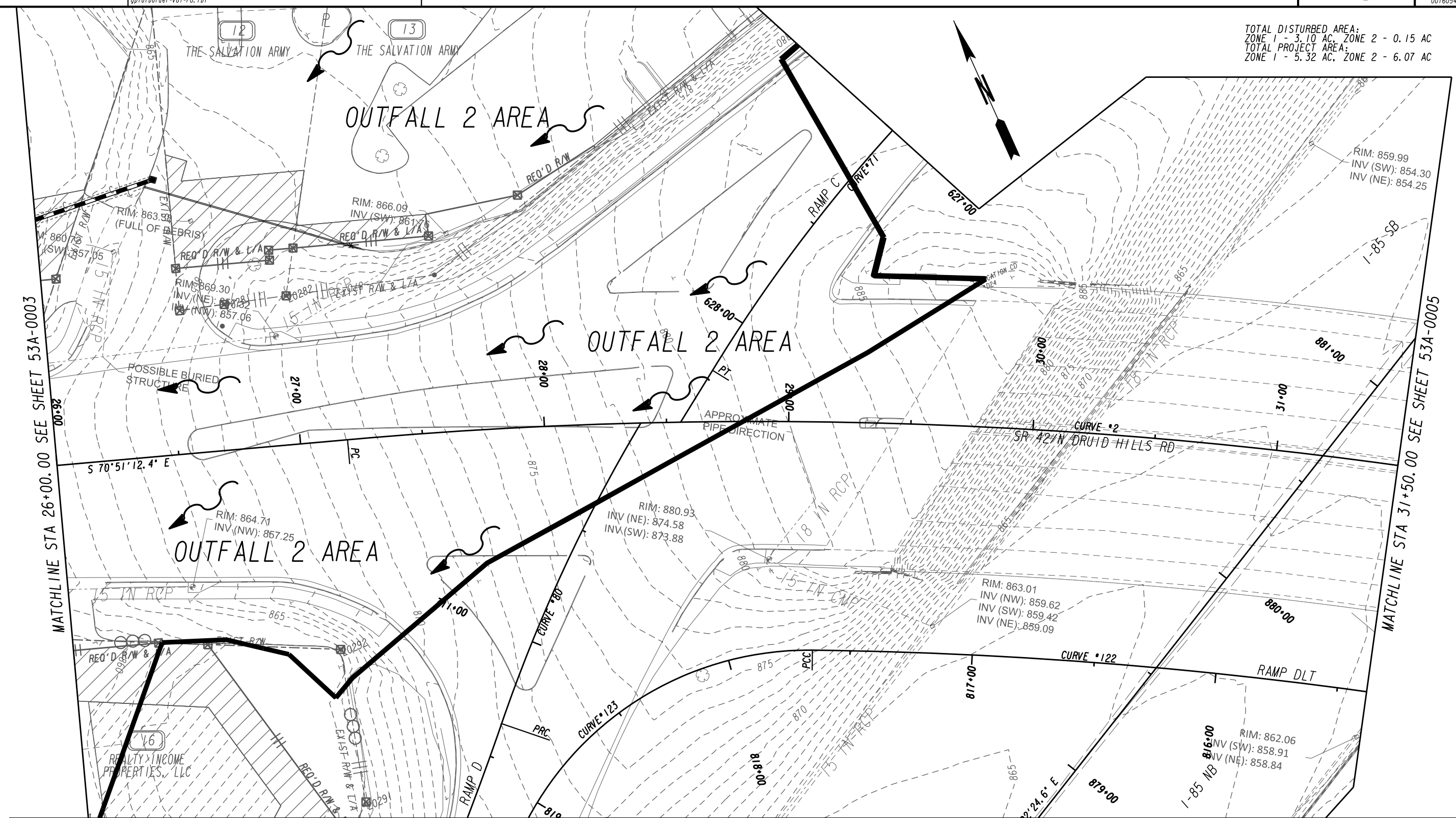
north tarrant
infrastructure, llc
SCALE IN FEET
0 20 40 60

REVISION DATES

EROSION CONTROL DRAINAGE AREA MAP
SR 42 @ I-85 - ZONE 1 & 2
STA 23+00.00 TO STA 26+00.00

CHECKED:	DATE:	DRAWING No. 53A-0003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

TOTAL DISTURBED AREA:
ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
TOTAL PROJECT AREA:
ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC



OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
2	SR 42	20+85	64.80' LT	89	88	48.4	49.6	54.8	56.3	61.5	63.4	3.96*	3.49*	4.03*	3.54*	6.28	6.54	2.01	0.008	Existing Channel

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

INFRASTRUCTURE
CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071

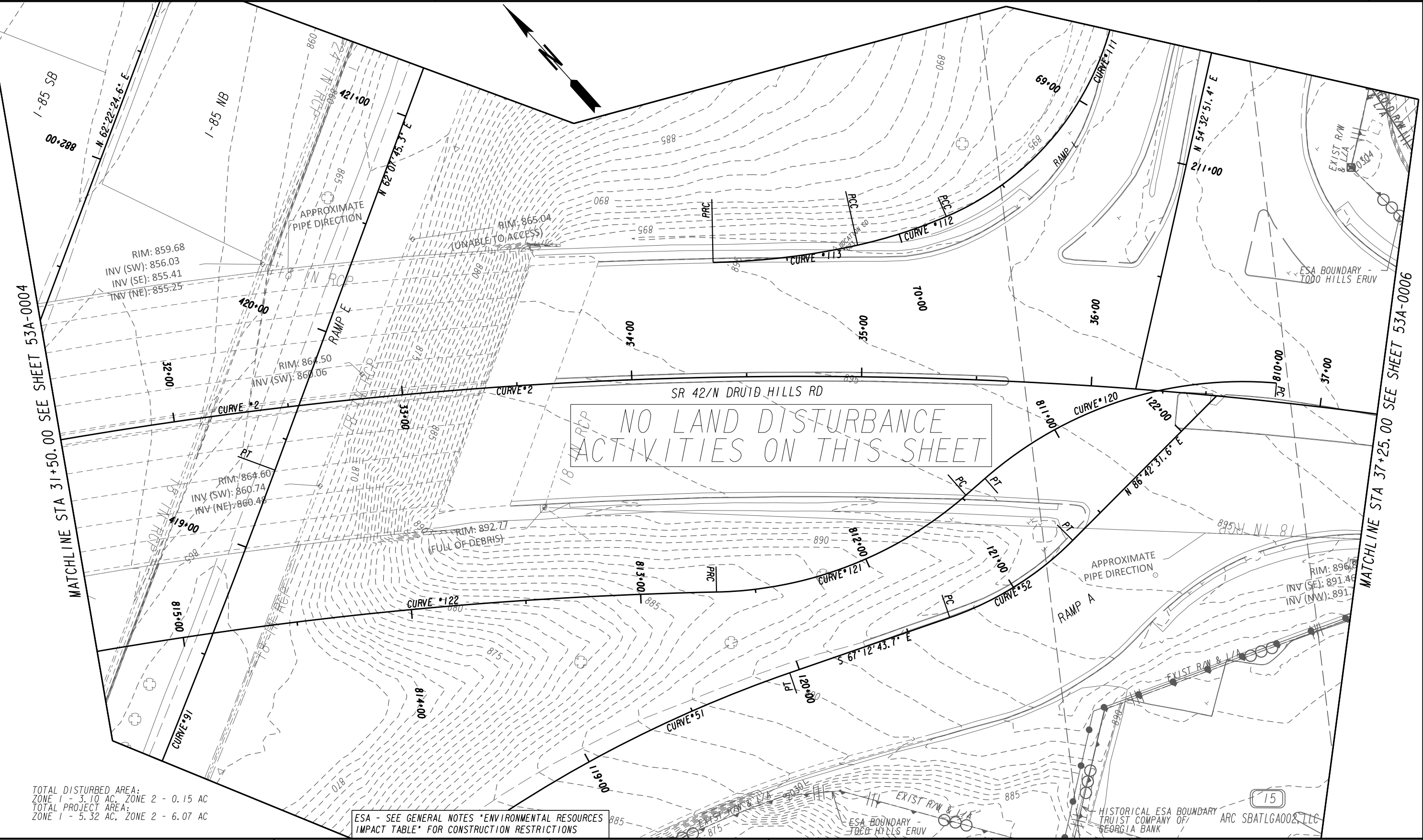
north tarrant
infrastructure, llc

SCALE IN FEET
0 20 40 80

REVISION DATES

EROSION CONTROL DRAINAGE AREA MAP
SR 42 @ I-85 - ZONE 1 & 2
STA 26+00.00 TO STA 31+50.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	53A-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NO LAND DISTURBANCE
ACTIVITIES ON THIS SHEET

TOTAL DISTURBED AREA:
ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
TOTAL PROJECT AREA:
ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC

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

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

INFRASTRUCTURE CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071

north tarrant
infrastructure, llc

SCALE IN FEET
0 20 40 80

REVISION DATES	

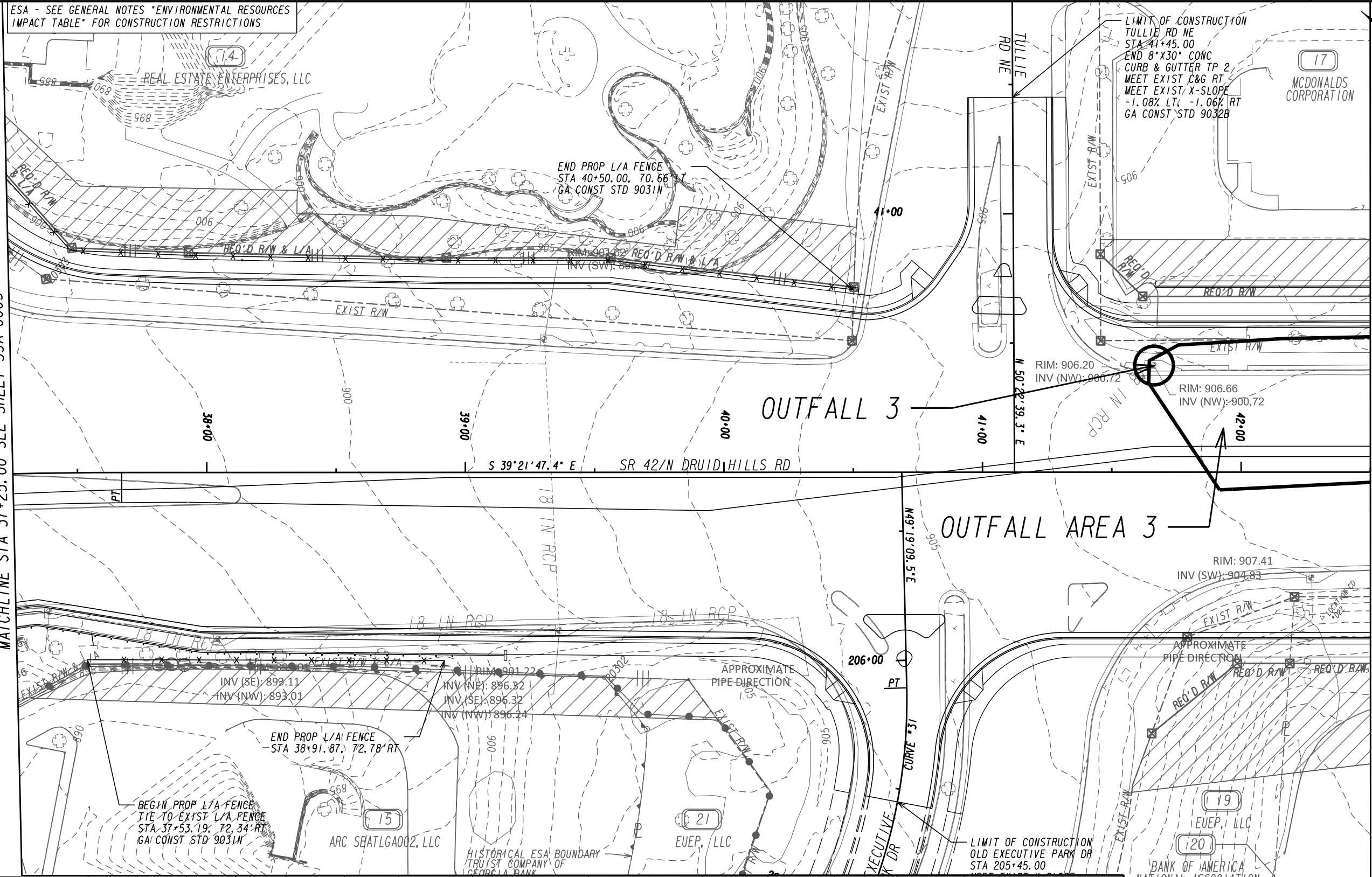
EROSION CONTROL DRAINAGE AREA MAP
SR 42 @ I-85 - ZONE 1 & 2
STA 31+50.00 TO STA 37+25.00

CHECKED:	DATE:	DRAWING No. 53A-0005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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

MATCHLINE STA 37+25.00 SEE SHEET 53A-0005

MATCHLINE STA 42+50.00 SEE SHEET 53A-0007



OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
3	SR 42	41+66	41.28'LT	92	92	81.1	81.1	99.7	99.7	115.8	115.7	1.7**	1.7**	0.24**	0.24**	9.28	9.28	0.03	0.019	Existing Pipe

TOTAL DISTURBED AREA:
ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
TOTAL PROJECT AREA:
ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC

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

INFRASTRUCTURE
CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071

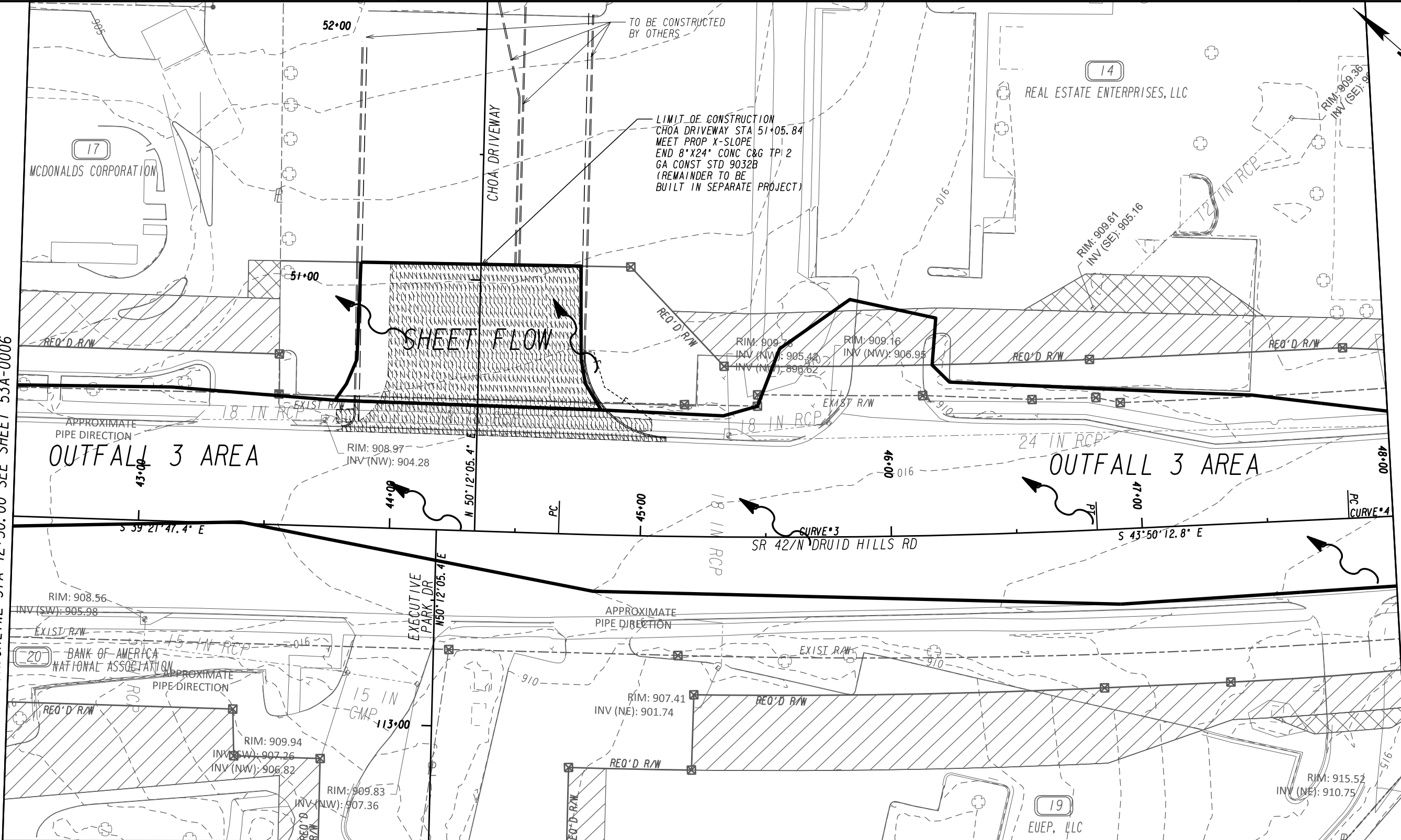
north tarrant
infrastructure, llc
SCALE IN FEET
0 20 40 60

REVISION DATES

EROSION CONTROL DRAINAGE AREA MAP
SR 42 @ I-85 - ZONE 1 & 2
STA 37+25.00 TO STA 42+50.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	53A-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	

MATCHLINE STA 42+50.00 SEE SHEET 53A-0006



OUTFALL	ALN	STA	OFFSET	CN PRE	CN POST	Q25 PRE	Q25 POST	Q50 PRE	Q50 POST	Q100 PRE	Q100 POST	V50 PRE	V50 POST	V100 PRE	V100 POST	PRE AREA	POST AREA	DISTURBED AREA	POST OUTFALL SLOPE	OUTFALL TYPE
						cfs	cfs	CFS	CFS	CFS	CFS	FT/S	FT/S	FT/S	FT/S	AC	AC	AC	FT/FT	
3	SR 42	41+66	41.28'LT	92	92	81.1	81.1	99.7	99.7	115.8	115.7	1.7**	1.7**	0.24**	0.24**	9.28	9.28	0.03	0.019	Existing Pipe

TOTAL DISTURBED AREA:
ZONE 1 - 3.10 AC, ZONE 2 - 0.15 AC
TOTAL PROJECT AREA:
ZONE 1 - 5.32 AC, ZONE 2 - 6.07 AC

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
---f--- END LIMIT OF ACCESS.....ELA
---G--- REQ'D LIMIT OF ACCESS
---H--- REQ'D LIMIT OF ACCESS & R/W
---I--- ORANGE BARRIER FENCE
---J--- ESA - ENV. SENSITIVE AREA
---K--- TEMPORARY CONSTRUCTION PAVEMENT

INFRASTRUCTURE
CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071

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infrastructure, llc

SCALE IN FEET
0 20 40 60

REVISION DATES

EROSION CONTROL DRAINAGE AREA MAP
SR 42 @ I-85 - ZONE 1 & 2
STA 42+50.00 TO STA 48+00.00

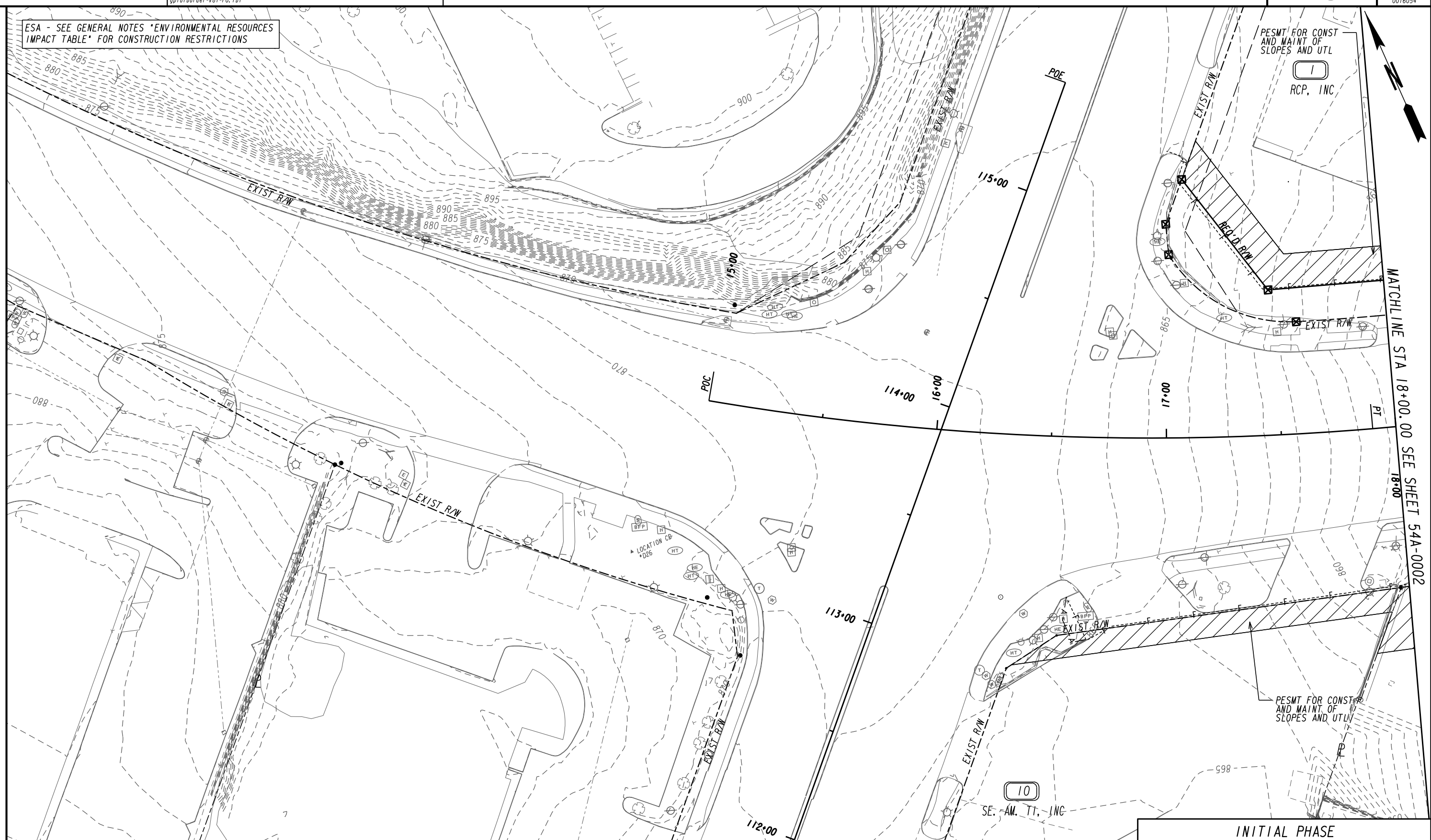
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BACKCHECKED:	DATE:	53A-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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

PESMT FOR CONST
AND MAINT OF
SLOPES AND UTL
RCP, INC

PESMT FOR CONST
AND MAINT OF
SLOPES AND UTL

MATCHLINE STA 18+00.00 SEE SHEET 54A-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

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

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

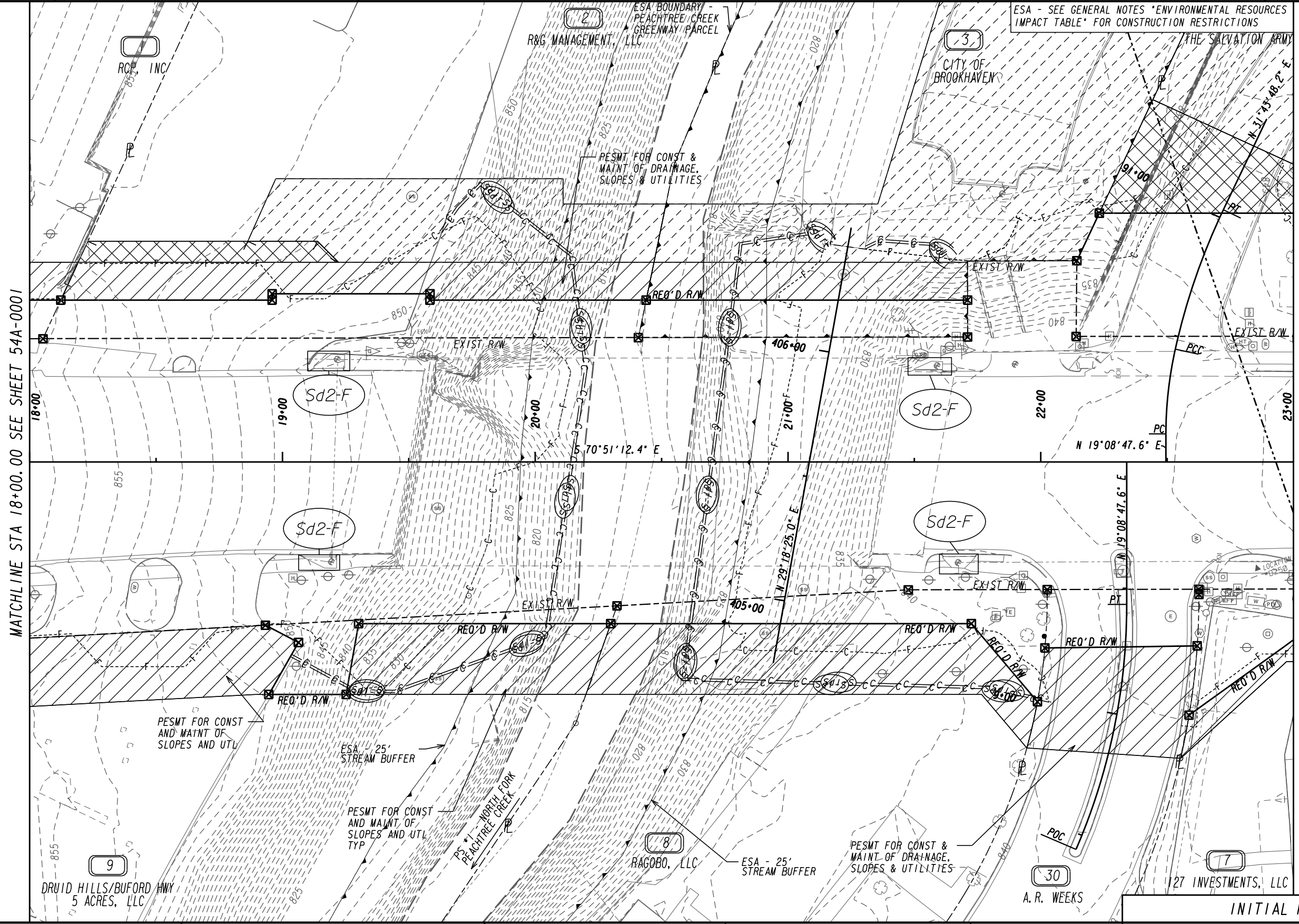
INFRASTRUCTURE
 CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

SCALE IN FEET
 0 20 40 60

REVISION DATES	

INITIAL PHASE		
BMP LOCATION DETAILS		
SR 42 @ I-85 - ZONE 1 & 2		
STA 16+53.93 TO STA 18+00.00		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 18+00.00 SEE SHEET 54A-0001

MATCHLINE STA 23+00.00 SEE SHEET 54A-0003

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

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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

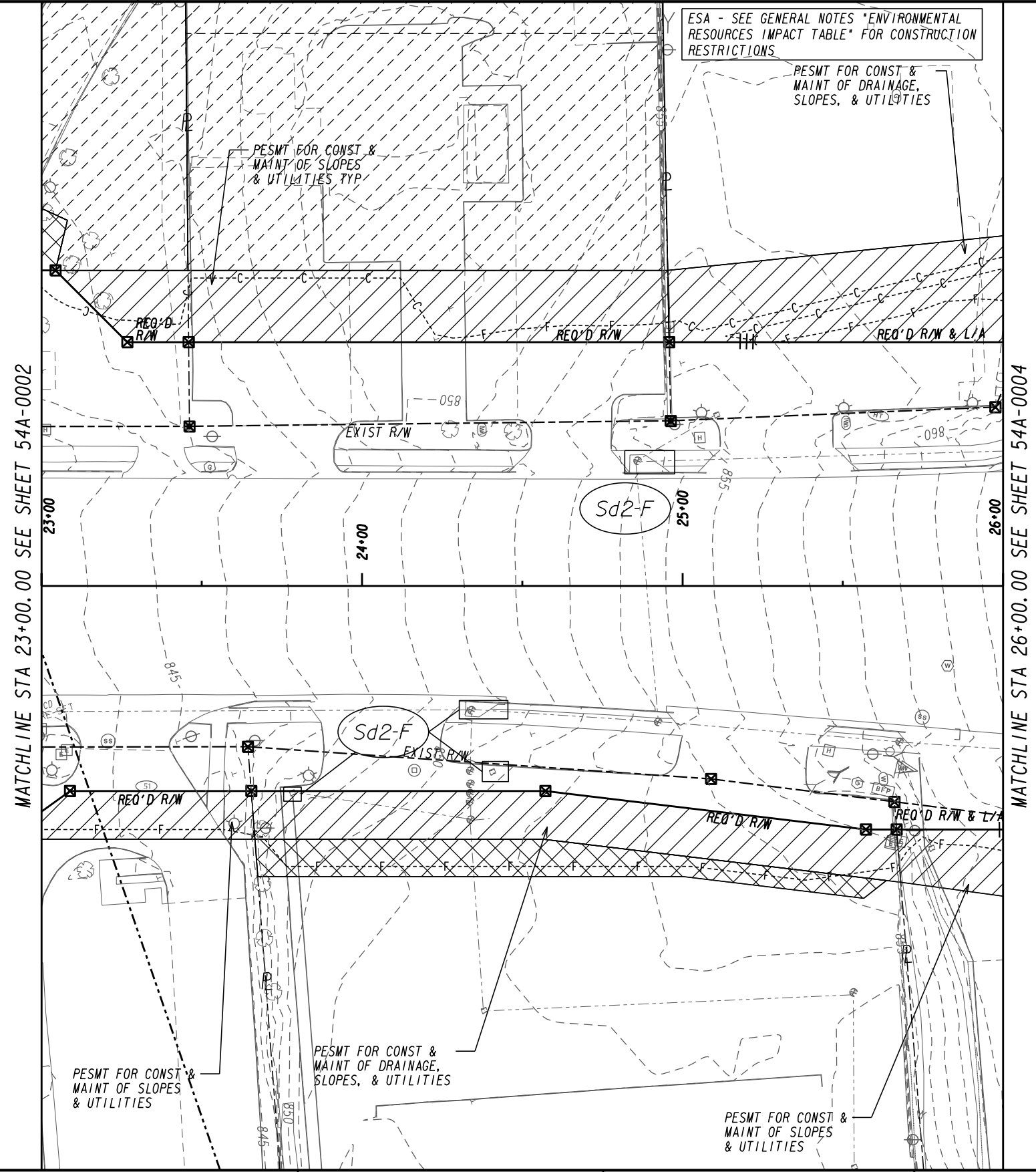
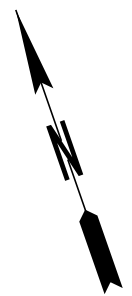
SCALE IN FEET
 0 20 40 80

REVISION	DATE

INITIAL PHASE

BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 18+00.00 TO STA. 23+00.00

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



MATCHLINE STA 23+00.00 SEE SHEET 54A-0002

MATCHLINE STA 26+00.00 SEE SHEET 54A-0004

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

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

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

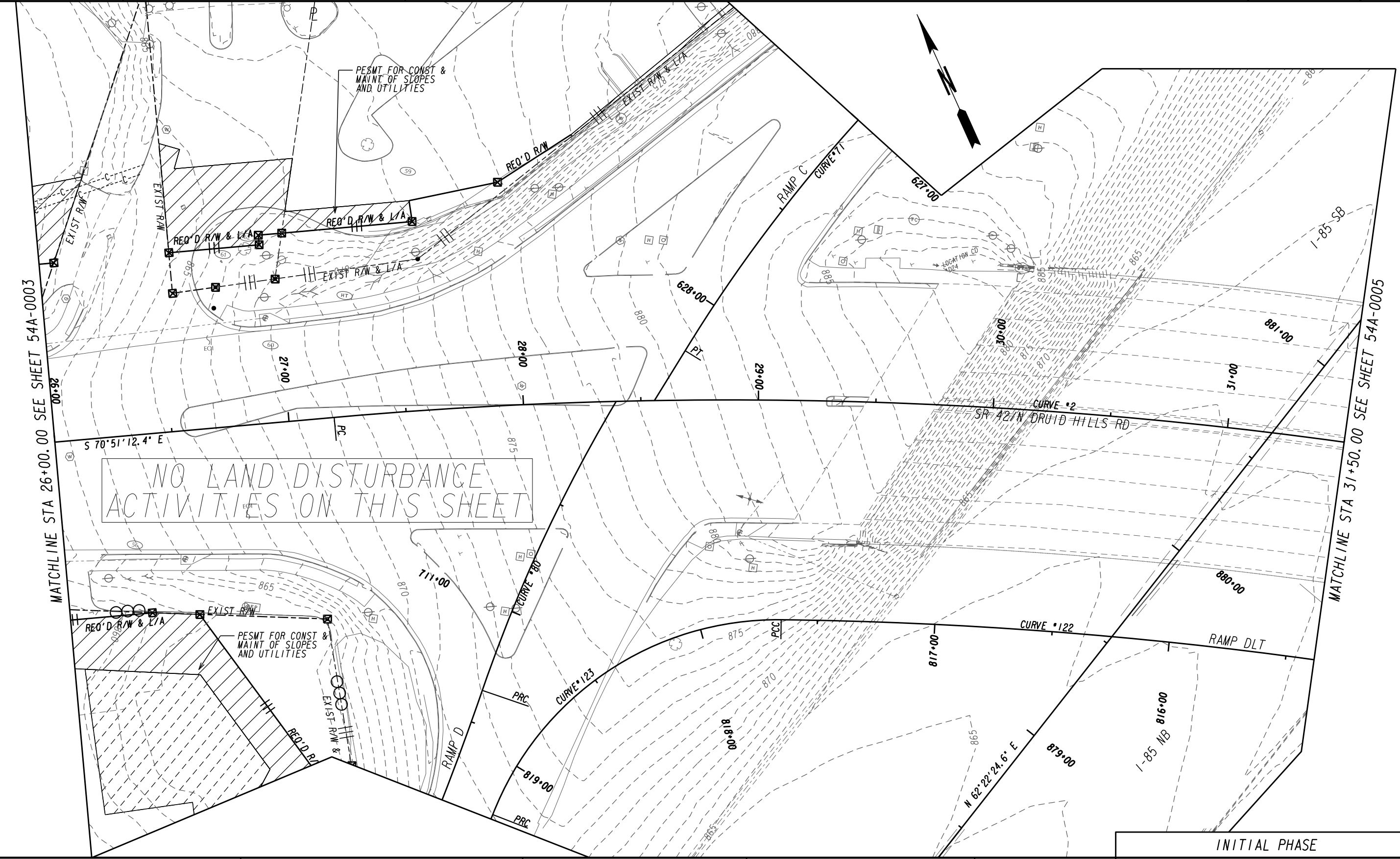
north tarrant
 infrastructure, llc

SCALE IN FEET
 0 20 40 80

REVISION DATES	

INITIAL PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 23+00.00 TO STA 26+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 26+00.00 SEE SHEET 54A-0003

MATCHLINE STA 31+50.00 SEE SHEET 54A-0005

NO LAND DISTURBANCE
ACTIVITIES ON THIS SHEET

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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

INFRASTRUCTURE
CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071

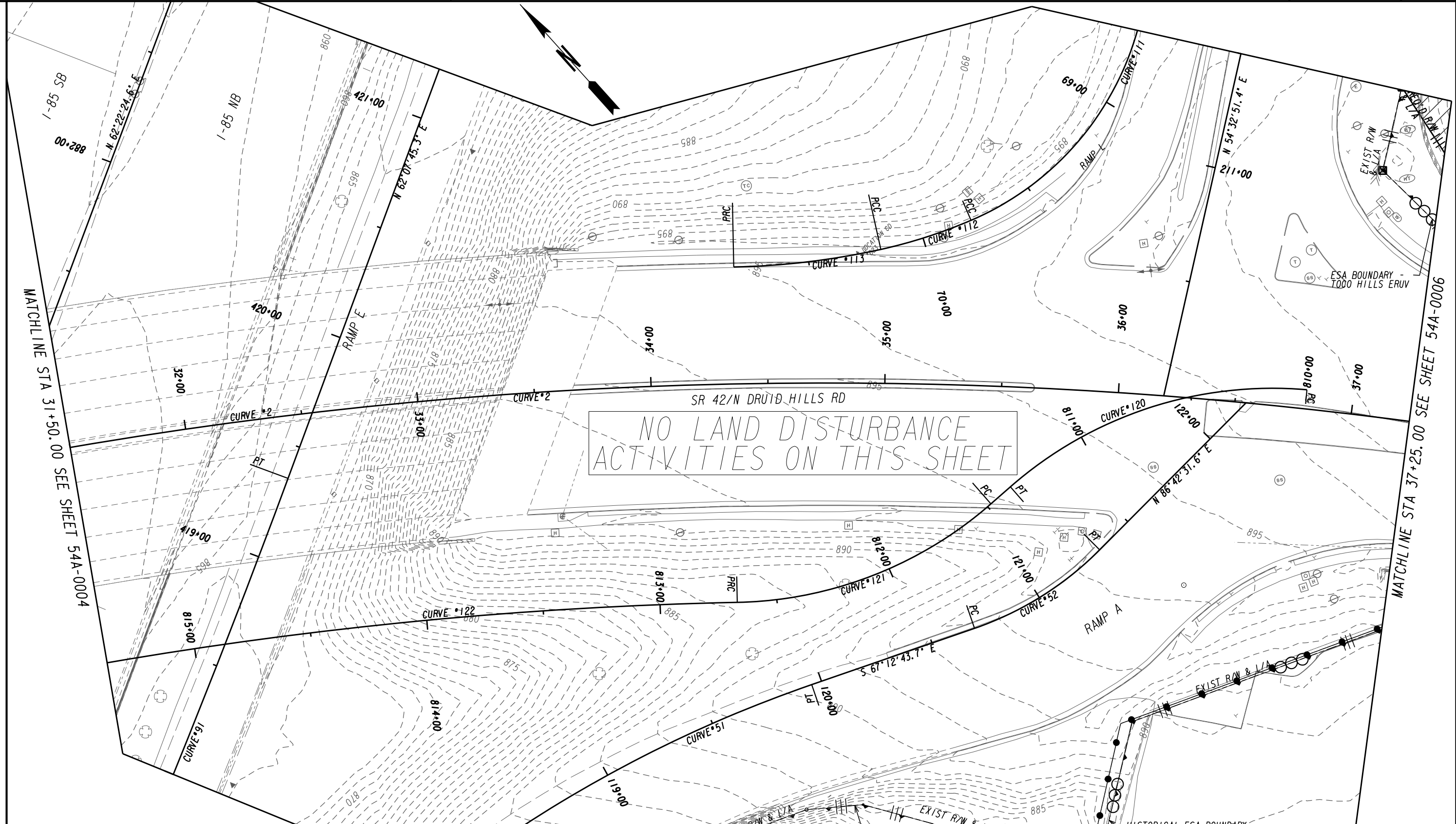
north tarrant
infrastructure, llc

SCALE IN FEET
0 20 40 80

REVISION DATES	

INITIAL PHASE
BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 26+00.00 TO STA 31+50.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NO LAND DISTURBANCE
ACTIVITIES ON THIS SHEET

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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

INFRASTRUCTURE CONSULTING & ENGINEERING
4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
NORCROSS, GEORGIA 30071

north tarrant
infrastructure, llc

SCALE IN FEET
0 20 40 80

REVISION DATES	

INITIAL PHASE

BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 31+50.00 TO STA 37+25.00

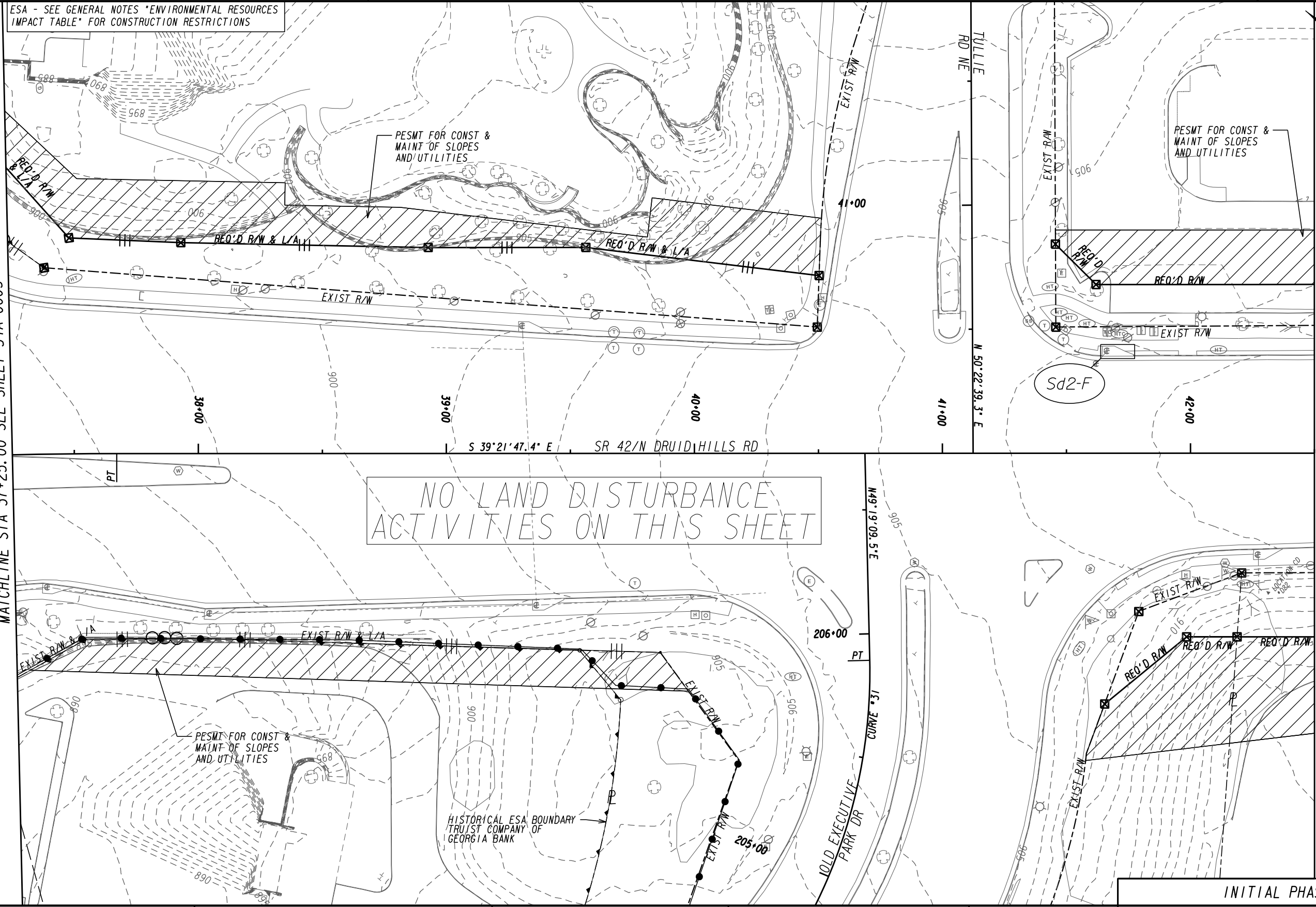
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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

MATCHLINE STA 37+25.00 SEE SHEET 54A-0005

MATCHLINE STA 42+50.00 SEE SHEET 54A-0007

NO LAND DISTURBANCE
ACTIVITIES ON THIS SHEET



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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

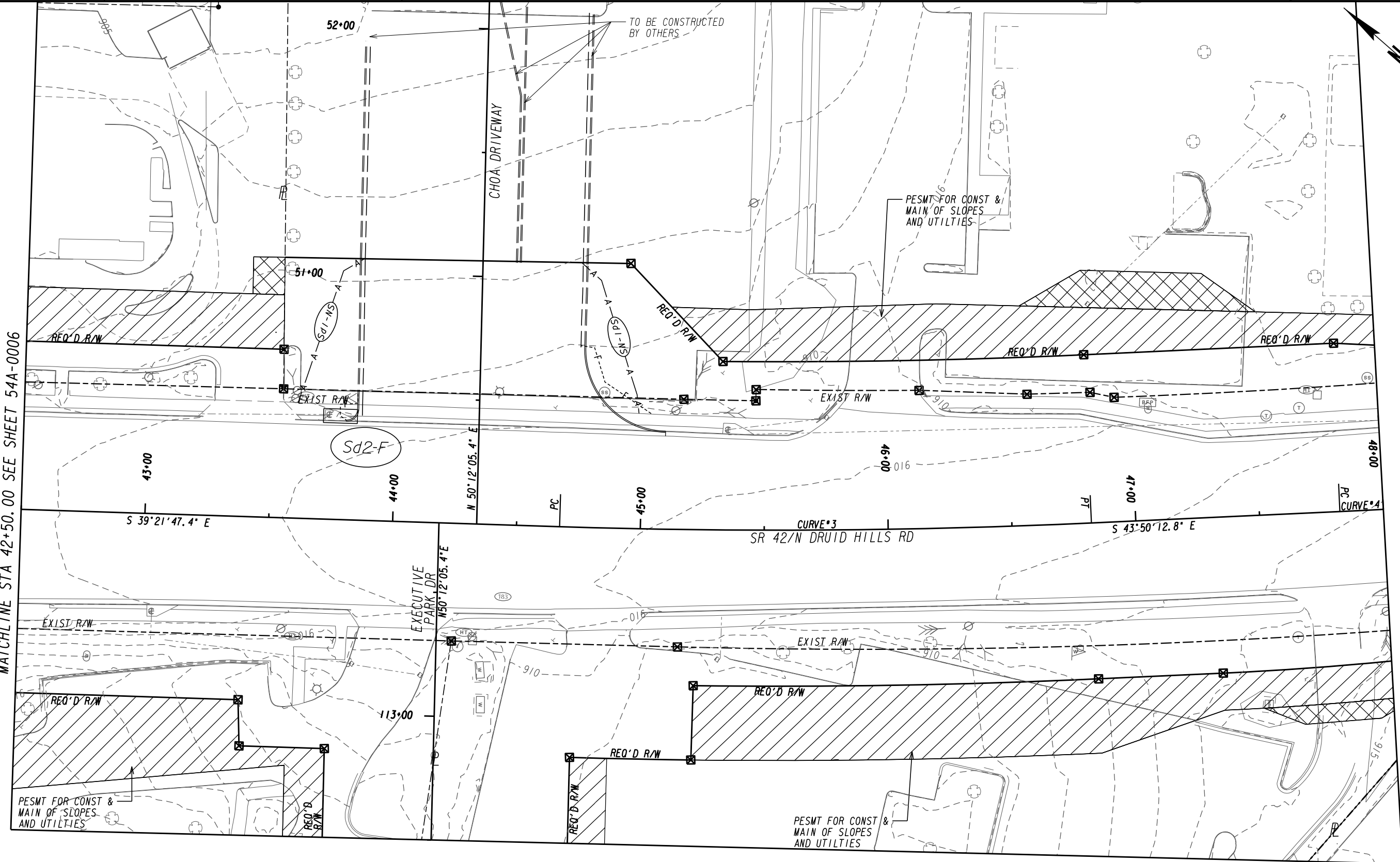
SCALE IN FEET
 0 20 40 80

REVISION DATES	

INITIAL PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 37+25.00 TO STA 42+50.00

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

MATCHLINE STA 42+50.00 SEE SHEET 54A-0006



PESMT FOR CONST & MAINT OF SLOPES AND UTILITIES

PESMT FOR CONST & MAINT OF SLOPES AND UTILITIES

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

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

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

INFRASTRUCTURE
 CONSULTING & ENGINEERING

4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

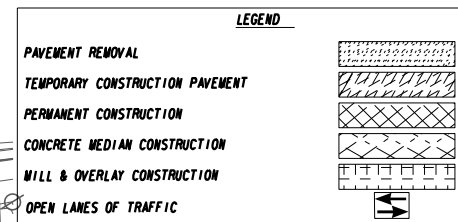
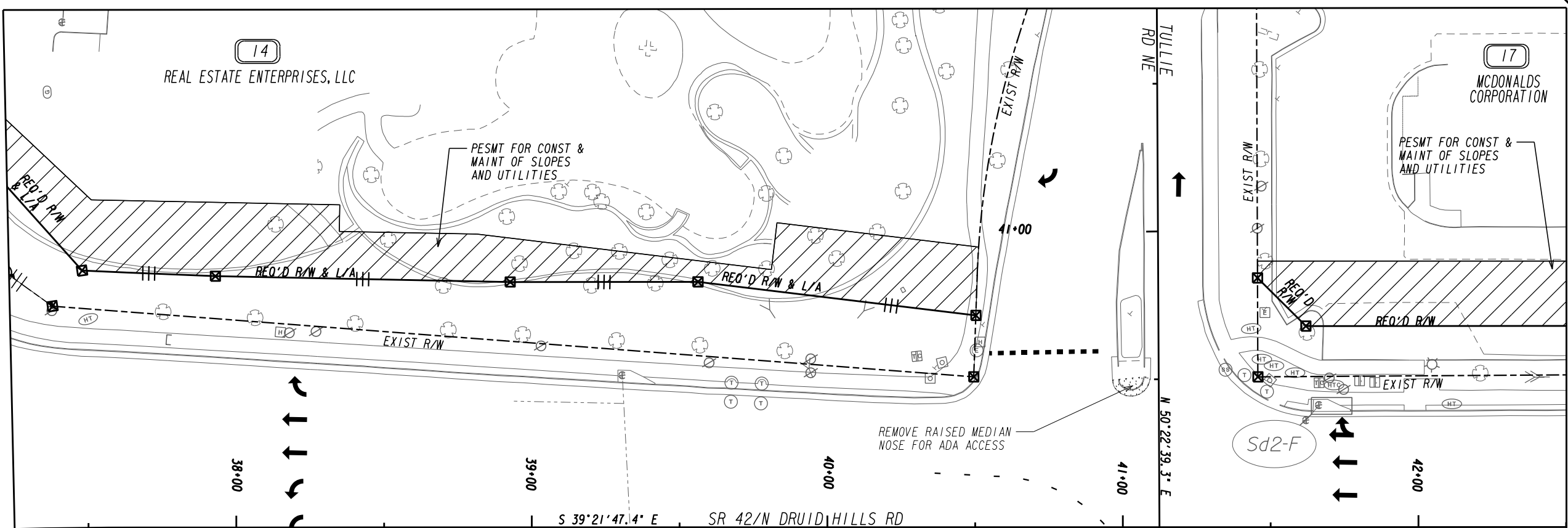
north tarrant
 infrastructure, llc

SCALE IN FEET

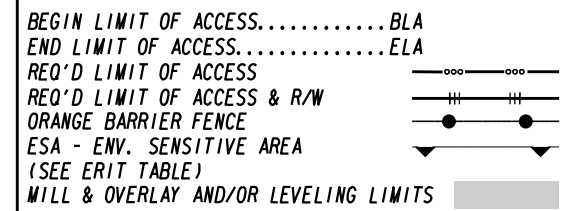
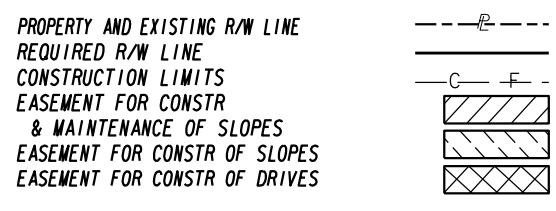
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REVISION DATES	

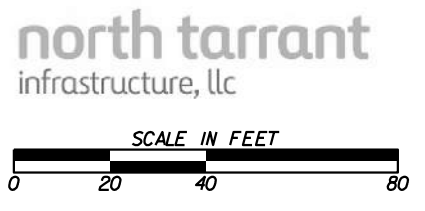
INITIAL PHASE		
BMP LOCATION DETAILS		
SR 42 @ I-85 - ZONE 1 & 2		
STA 42+50.00 TO STA 48+00.00		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	



- SR 42/N DRUID HILLS RD - ZONE 2/STAGE 0
- A. COORDINATE WITH GDOT DISTRICT 7, CHOA DEVELOPERS AND CITY OF BROOKHAVEN PRIOR TO INSTALLATION OF TEMPORARY STRIPING, MODIFICATION OF EXISTING SIGNAL AT SR 42/EXECUTIVE PARK DR/TULLIE DR INTERSECTION, AND INSTALLATION OF TEMPORARY SIGNAL AT SR 42/CHOA DRWY INTERSECTION.
 - B. INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH MUTCD CURRENT EDITION, AND TECHNICAL PROVISIONS SECTION 1B.
 - C. INSTALL TEMPORARY SIGNAL AT SR 42/CHOA DRWY INTERSECTION, INCLUDING TEMPORARY POLES, SPAN WIRE AND ANY OTHER EQUIPMENT. BAG SIGNAL HEADS AT SR 42/CHOA DRWY INTERSECTION.
 - D. AT AGREED UPON DATE COORDINATED WITH GDOT DISTRICT 7, CITY OF BROOKHAVEN AND CHOA, MODIFY EXISTING SIGNAL AT SR 42/EXECUTIVE PARK DR/TULLIE DR INTERSECTION AS SHOWN IN PLANS.
 - E. ERADICATE EXISTING STRIPING AND INSTALL TEMPORARY STRIPING AND LANE CONFIGURATION AT SR 42 INTERSECTIONS WITH TULLIE DRIVE, CHOA DRWY, AND EXECUTIVE PARK DR AS SHOWN IN PLANS, UTILIZING ALLOWABLE LANE CLOSURES AND NIGHT TIME LANE CLOSURES AS NEEDED. REMOVE BAGS OVER SIGNAL HEADS.
 - F. TEMPORARY SIGNAL TO REMAIN IN PLACE AND OPERATIONAL UNTIL PERMANENT SIGNAL IS INSTALLED AT SR 42/CHOA DRWY INTERSECTION AND EXECUTIVE PARK DR IS CONSTRUCTED AND OPEN TO TRAFFIC.



INFRASTRUCTURE
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NORCROSS, GEORGIA 30071



REVISION DATES	

INTERMEDIATE PHASE		
BMP LOCATION DETAILS		
SR 42 @ I-85 - ZONE 1 & 2		
STA 38+10.00 TO STA. 42+50.00		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

MATCHLINE STA 42+50.00 SEE SHEET 54A-0009

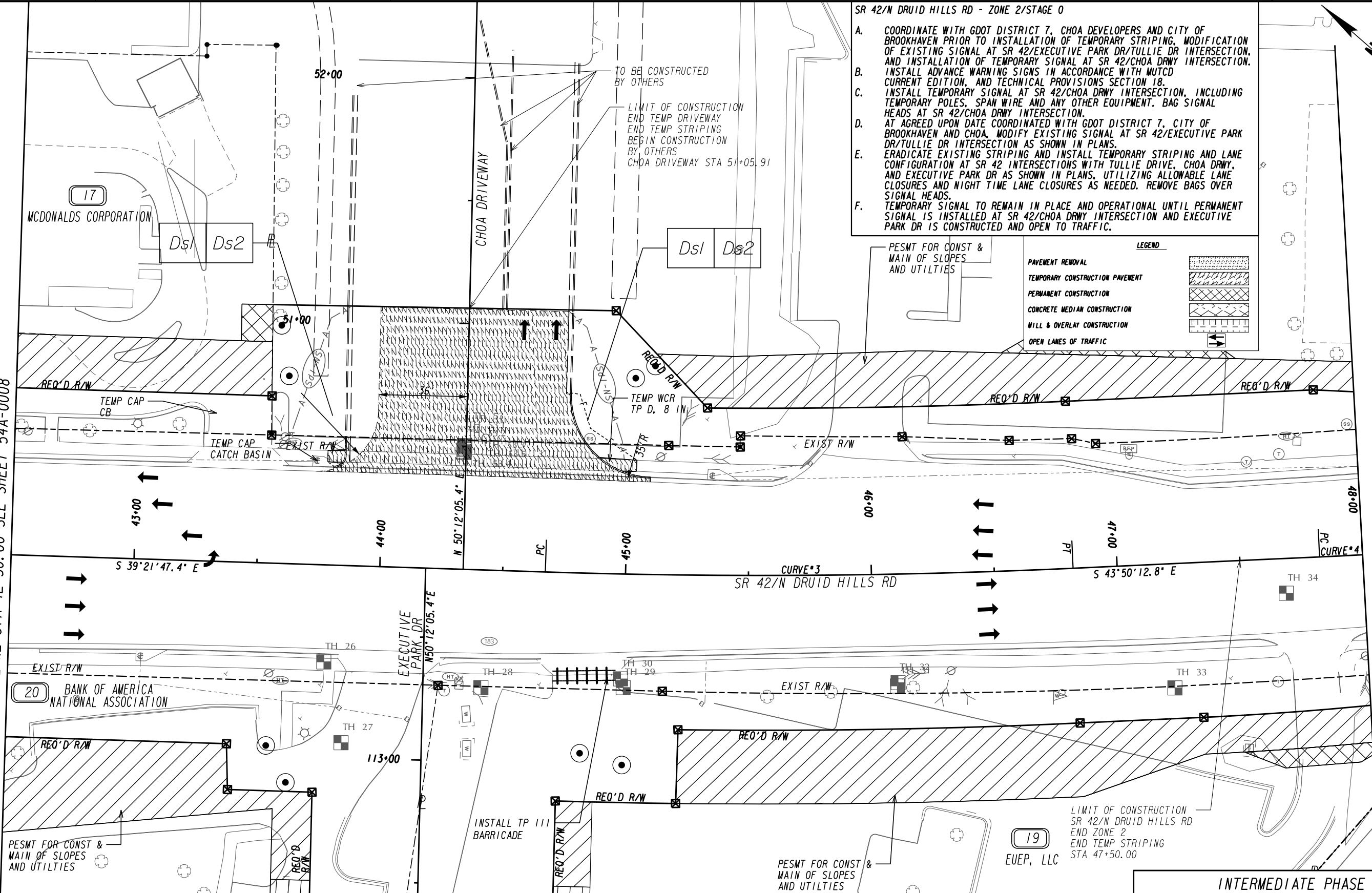
SR 42/N DRUID HILLS RD - ZONE 2/STAGE 0

- A. COORDINATE WITH GDOT DISTRICT 7, CHOA DEVELOPERS AND CITY OF BROOKHAVEN PRIOR TO INSTALLATION OF TEMPORARY STRIPING, MODIFICATION OF EXISTING SIGNAL AT SR 42/EXECUTIVE PARK DR/TULLIE DR INTERSECTION, AND INSTALLATION OF TEMPORARY SIGNAL AT SR 42/CHOA DRWY INTERSECTION.
- B. INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH MUTCD CURRENT EDITION, AND TECHNICAL PROVISIONS SECTION 18.
- C. INSTALL TEMPORARY SIGNAL AT SR 42/CHOA DRWY INTERSECTION, INCLUDING TEMPORARY POLES, SPAN WIRE AND ANY OTHER EQUIPMENT. BAG SIGNAL HEADS AT SR 42/CHOA DRWY INTERSECTION.
- D. AT AGREED UPON DATE COORDINATED WITH GDOT DISTRICT 7, CITY OF BROOKHAVEN AND CHOA, MODIFY EXISTING SIGNAL AT SR 42/EXECUTIVE PARK DR/TULLIE DR INTERSECTION AS SHOWN IN PLANS.
- E. ERADICATE EXISTING STRIPING AND INSTALL TEMPORARY STRIPING AND LANE CONFIGURATION AT SR 42 INTERSECTIONS WITH TULLIE DRIVE, CHOA DRWY, AND EXECUTIVE PARK DR AS SHOWN IN PLANS, UTILIZING ALLOWABLE LANE CLOSURES AND NIGHT TIME LANE CLOSURES AS NEEDED. REMOVE BAGS OVER SIGNAL HEADS.
- F. TEMPORARY SIGNAL TO REMAIN IN PLACE AND OPERATIONAL UNTIL PERMANENT SIGNAL IS INSTALLED AT SR 42/CHOA DRWY INTERSECTION AND EXECUTIVE PARK DR IS CONSTRUCTED AND OPEN TO TRAFFIC.

LEGEND

PAVEMENT REMOVAL	[Pattern]
TEMPORARY CONSTRUCTION PAVEMENT	[Pattern]
PERMANENT CONSTRUCTION	[Pattern]
CONCRETE MEDIAN CONSTRUCTION	[Pattern]
MILL & OVERLAY CONSTRUCTION	[Pattern]
OPEN LANES OF TRAFFIC	[Symbol]

MATCHLINE STA 42+50.00 SEE SHEET 54A-0008



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

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

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SCALE IN FEET
0 20 40 80

REVISION DATES	

INTERMEDIATE PHASE

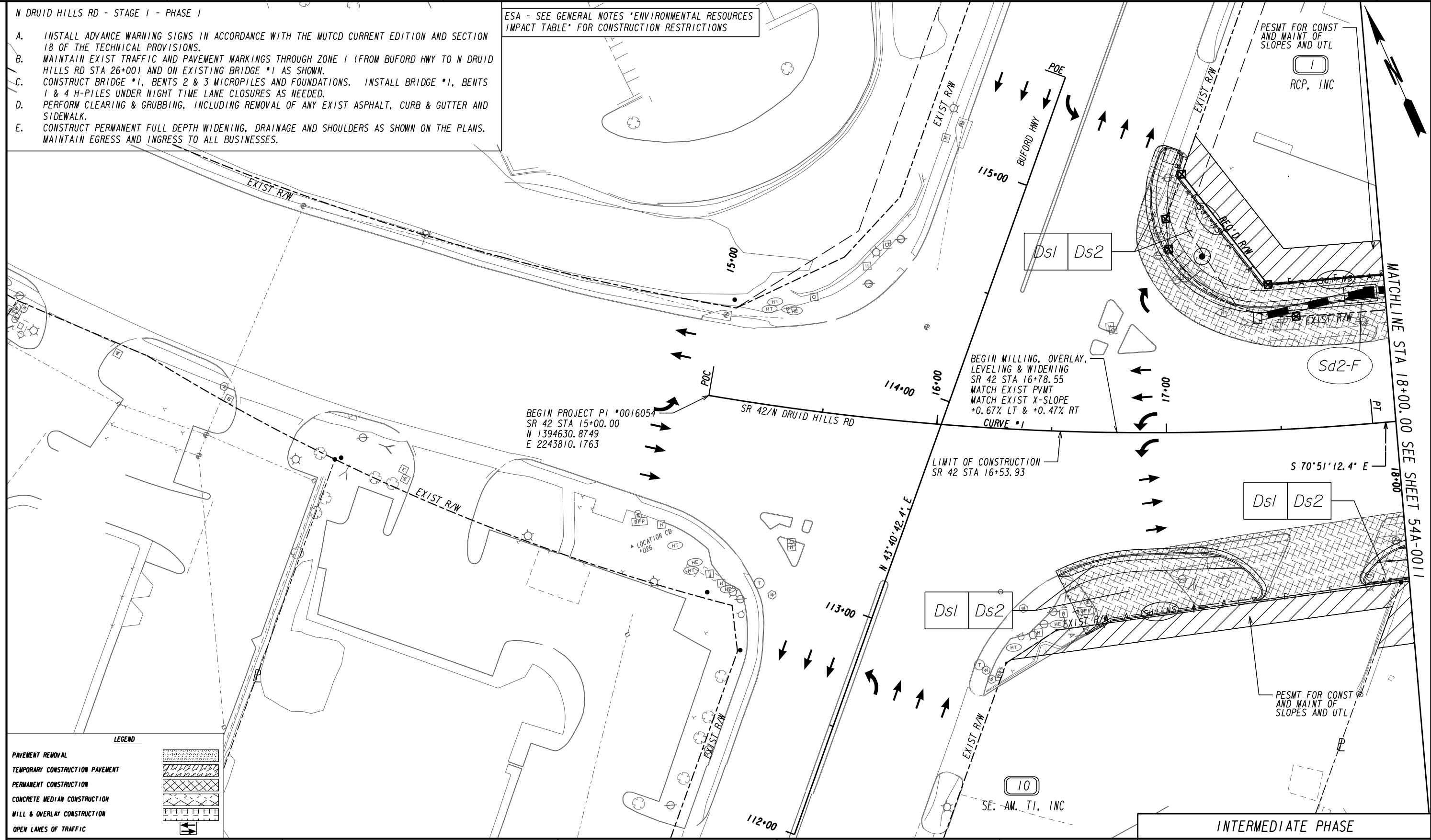
BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 42+50.00 TO STA 47+50.00

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

- N DRUID HILLS RD - STAGE 1 - PHASE 1**
- A. INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH THE MUTCD CURRENT EDITION AND SECTION 18 OF THE TECHNICAL PROVISIONS.
 - B. MAINTAIN EXIST TRAFFIC AND PAVEMENT MARKINGS THROUGH ZONE 1 (FROM BUFORD HWY TO N DRUID HILLS RD STA 26+00) AND ON EXISTING BRIDGE *1 AS SHOWN.
 - C. CONSTRUCT BRIDGE *1, BENTS 2 & 3 MICROPILES AND FOUNDATIONS. INSTALL BRIDGE *1, BENTS 1 & 4 H-PILES UNDER NIGHT TIME LANE CLOSURES AS NEEDED.
 - D. PERFORM CLEARING & GRUBBING, INCLUDING REMOVAL OF ANY EXIST ASPHALT, CURB & GUTTER AND SIDEWALK.
 - E. CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. MAINTAIN EGRESS AND INGRESS TO ALL BUSINESSES.

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

PESMT FOR CONST AND MAINT OF SLOPES AND UTL
RCP, INC



LEGEND

PAVEMENT REMOVAL	[Pattern]
TEMPORARY CONSTRUCTION PAVEMENT	[Pattern]
PERMANENT CONSTRUCTION	[Pattern]
CONCRETE MEDIAN CONSTRUCTION	[Pattern]
MILL & OVERLAY CONSTRUCTION	[Pattern]
OPEN LANES OF TRAFFIC	[Symbol]

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

BEGIN LIMIT OF ACCESS.....BLA	[Symbol]
END LIMIT OF ACCESS.....ELA	[Symbol]
REQ'D LIMIT OF ACCESS	[Symbol]
REQ'D LIMIT OF ACCESS & R/W	[Symbol]
ORANGE BARRIER FENCE	[Symbol]
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	[Symbol]
MILL & OVERLAY AND/OR LEVELING LIMITS	[Symbol]

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SCALE IN FEET
0 20 40 80

REVISION DATES	

INTERMEDIATE PHASE
BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 16+53.93 TO STA 18+00.00

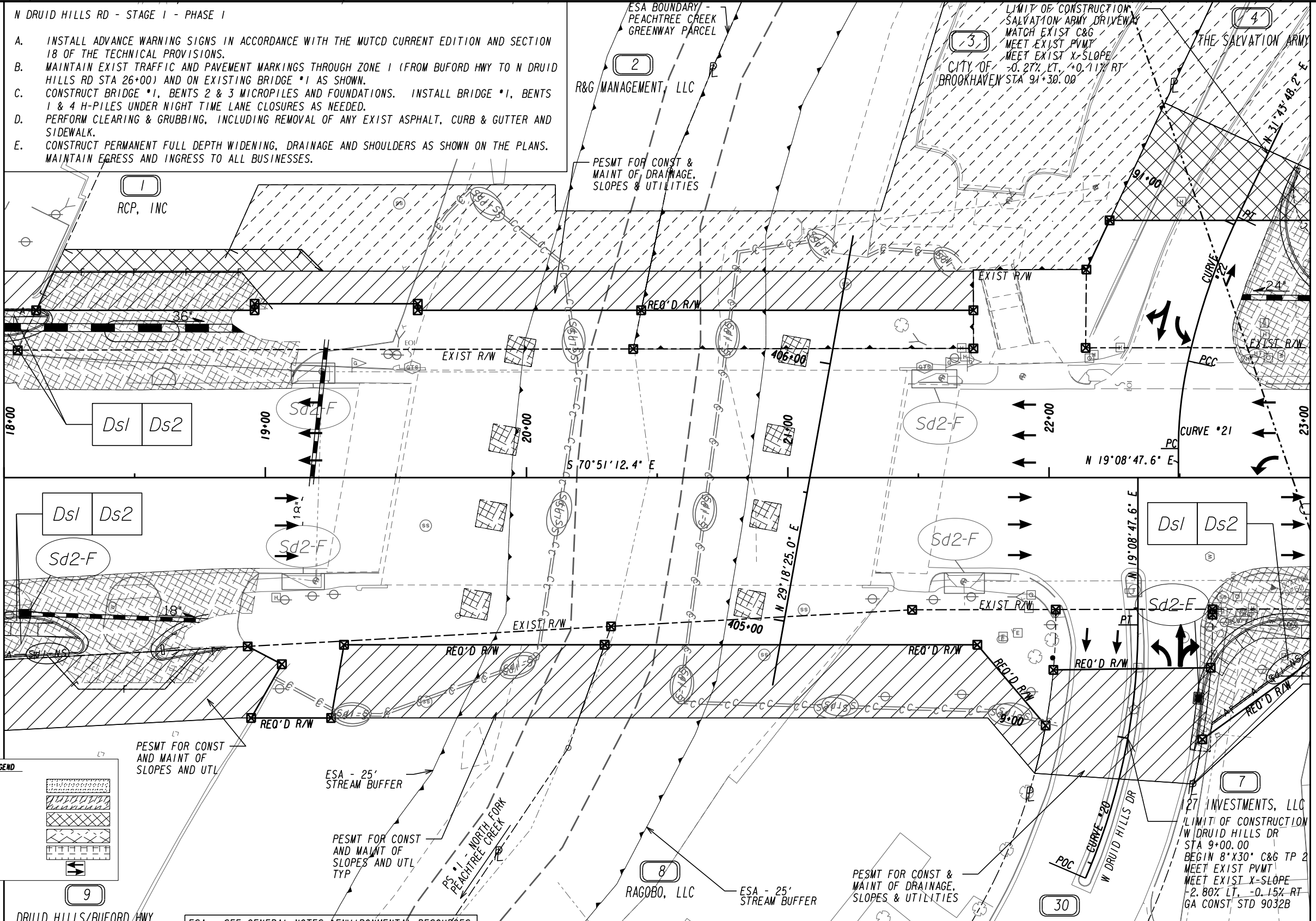
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	

N DRUID HILLS RD - STAGE 1 - PHASE 1

- A. INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH THE MUTCD CURRENT EDITION AND SECTION 18 OF THE TECHNICAL PROVISIONS.
- B. MAINTAIN EXIST TRAFFIC AND PAVEMENT MARKINGS THROUGH ZONE 1 (FROM BUFORD HWY TO N DRUID HILLS RD STA 26+00) AND ON EXISTING BRIDGE #1 AS SHOWN.
- C. CONSTRUCT BRIDGE #1, BENTS 2 & 3 MICROPILES AND FOUNDATIONS. INSTALL BRIDGE #1, BENTS 1 & 4 H-PILES UNDER NIGHT TIME LANE CLOSURES AS NEEDED.
- D. PERFORM CLEARING & GRUBBING, INCLUDING REMOVAL OF ANY EXIST ASPHALT, CURB & GUTTER AND SIDEWALK.
- E. CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. MAINTAIN EGRESS AND INGRESS TO ALL BUSINESSES.

MATCHLINE STA 18+00.00 SEE SHEET 54A-0010

MATCHLINE STA 23+00.00 SEE SHEET 54A-0012



LEGEND

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

DRUID HILLS/BUFORD HWY
5 ACRES, LLC

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

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	
REQ'D LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	
MILL & OVERLAY AND/OR LEVELING LIMITS	

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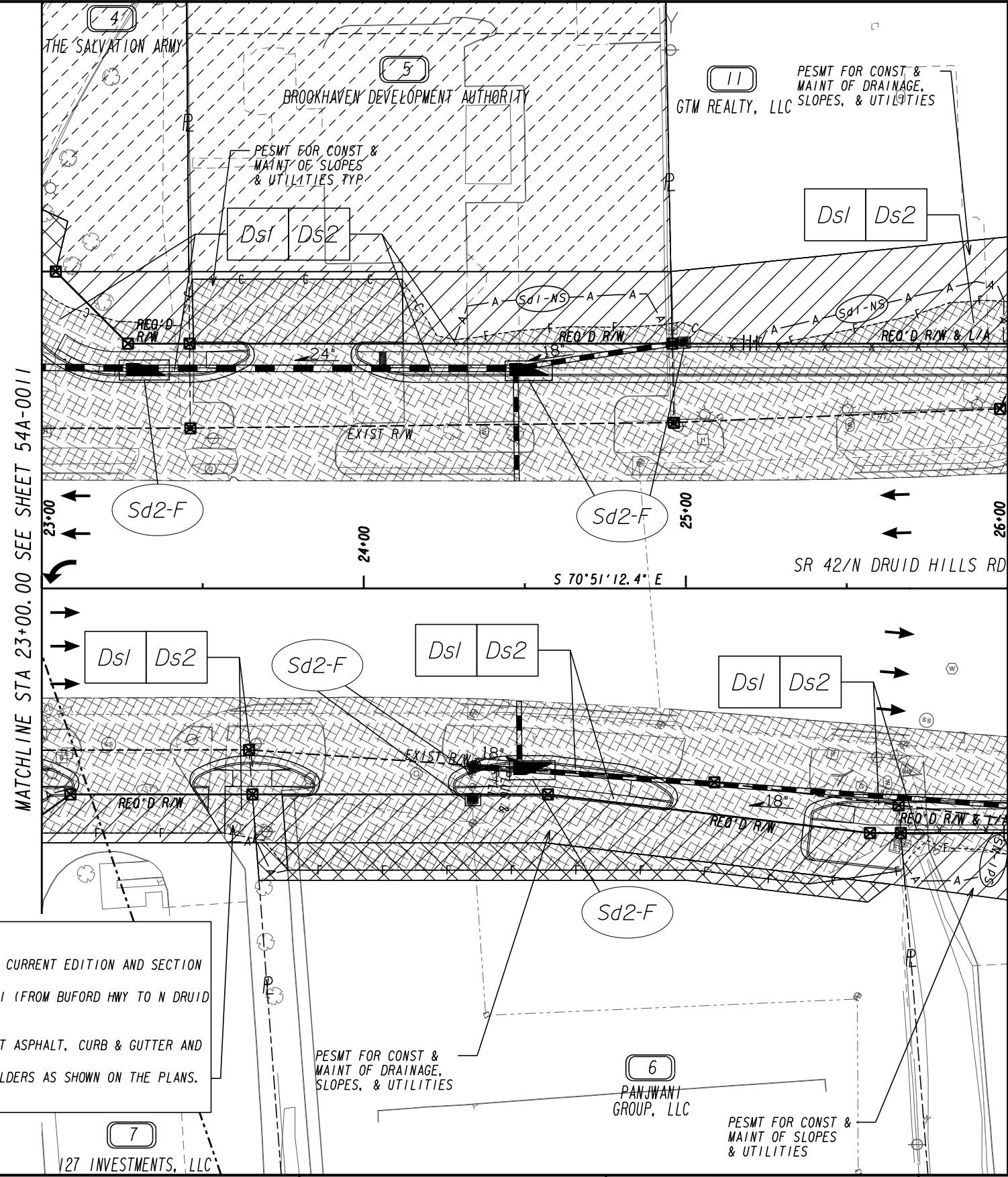
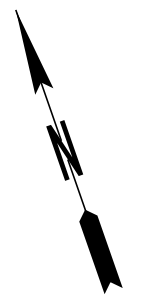
SCALE IN FEET

REVISION DATES	

INTERMEDIATE PHASE

BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 18+00.00 TO STA 23+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 23+00.00 SEE SHEET 54A-0011

MATCHLINE STA 26+00.00 SEE SHEET 54A-0013

LEGEND

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

- N DRUID HILLS RD - STAGE I - PHASE I**
- INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH THE MUTCD CURRENT EDITION AND SECTION 18 OF THE TECHNICAL PROVISIONS.
 - MAINTAIN EXIST TRAFFIC AND PAVEMENT MARKINGS THROUGH ZONE I (FROM BUFORD HWY TO N DRUID HILLS RD STA 26+00) AND ON EXISTING BRIDGE *1 AS SHOWN.
 - CONSTRUCT BRIDGE *1 FOUNDATIONS.
 - PERFORM CLEARING & GRUBBING, INCLUDING REMOVAL OF ANY EXIST ASPHALT, CURB & GUTTER AND SIDEWALK.
 - CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. MAINTAIN EGRESS AND INGRESS TO ALL BUSINESSES.

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	
REQ'D LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	
MILL & OVERLAY AND/OR LEVELING LIMITS	

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 NORCROSS, GEORGIA 30071

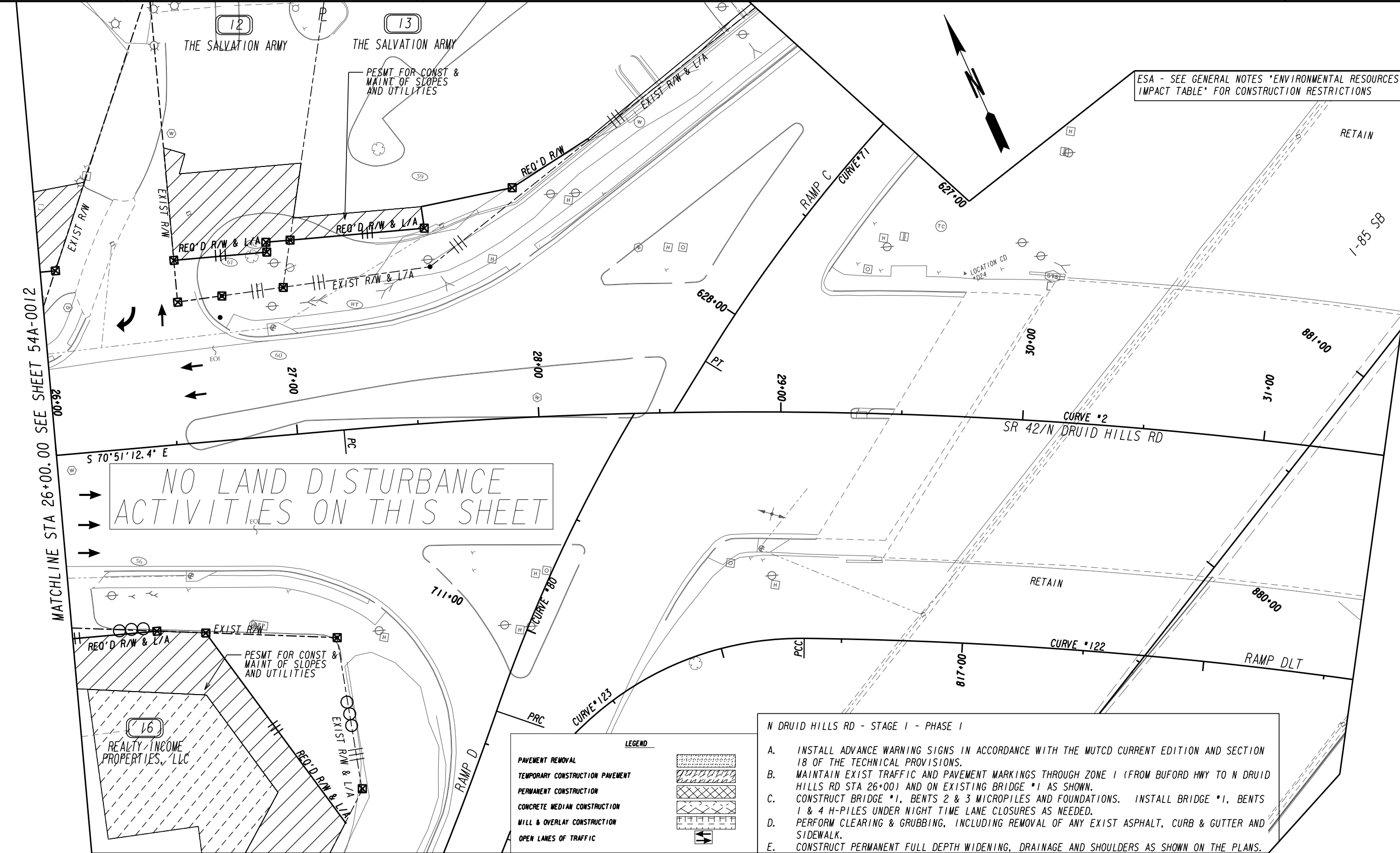
north tarrant
 infrastructure, llc

SCALE IN FEET

REVISION DATES	

INTERMEDIATE PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 23+00.00 TO STA 26+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

NO LAND DISTURBANCE
ACTIVITIES ON THIS SHEET

MATCHLINE STA 26+00.00 SEE SHEET 54A-0012

N DRUID HILLS RD - STAGE 1 - PHASE 1

- A. INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH THE MUTCD CURRENT EDITION AND SECTION 18 OF THE TECHNICAL PROVISIONS.
- B. MAINTAIN EXIST TRAFFIC AND PAVEMENT MARKINGS THROUGH ZONE 1 (FROM BUFORD HWY TO N DRUID HILLS RD STA 26+00) AND ON EXISTING BRIDGE #1 AS SHOWN.
- C. CONSTRUCT BRIDGE #1, BENTS 2 & 3 MICROPILES AND FOUNDATIONS. INSTALL BRIDGE #1, BENTS 1 & 4 H-PILES UNDER NIGHT TIME LANE CLOSURES AS NEEDED.
- D. PERFORM CLEARING & GRUBBING, INCLUDING REMOVAL OF ANY EXIST ASPHALT, CURB & GUTTER AND SIDEWALK.
- E. CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS.

LEGEND

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

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

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

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 NORCROSS, GEORGIA 30071

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SCALE IN FEET
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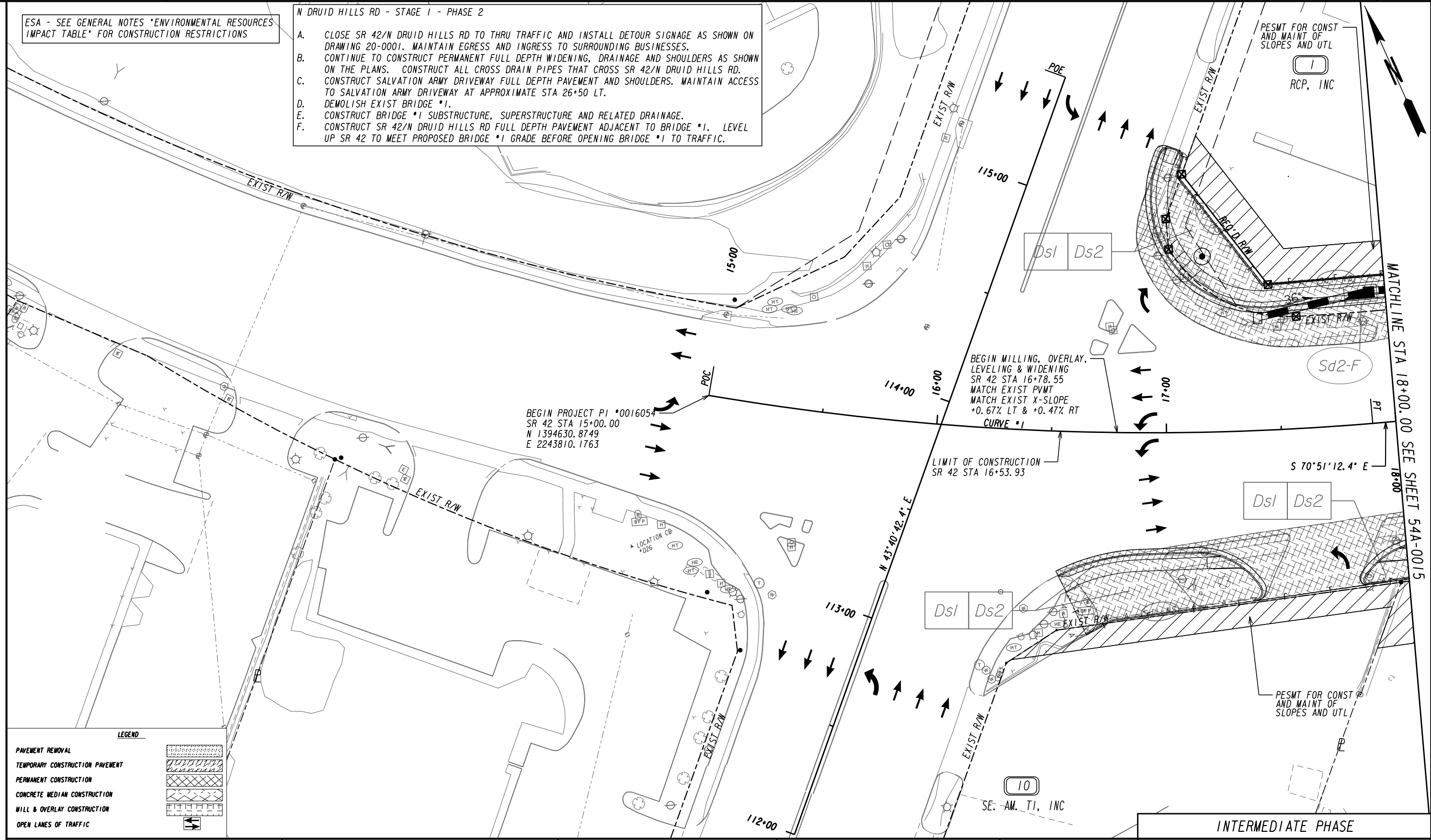
REVISION DATES	

INTERMEDIATE PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 26+00.00 TO STA 31+50.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0013
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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

- N DRUID HILLS RD - STAGE 1 - PHASE 2
- A. CLOSE SR 42/N DRUID HILLS RD TO THRU TRAFFIC AND INSTALL DETOUR SIGNAGE AS SHOWN ON DRAWING 20-0001. MAINTAIN EGRESS AND INGRESS TO SURROUNDING BUSINESSES.
 - B. CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. CONSTRUCT ALL CROSS DRAIN PIPES THAT CROSS SR 42/N DRUID HILLS RD.
 - C. CONSTRUCT SALVATION ARMY DRIVEWAY FULL DEPTH PAVEMENT AND SHOULDERS. MAINTAIN ACCESS TO SALVATION ARMY DRIVEWAY AT APPROXIMATE STA 26+50 LT.
 - D. DEMOLISH EXIST BRIDGE #1.
 - E. CONSTRUCT BRIDGE #1 SUBSTRUCTURE, SUPERSTRUCTURE AND RELATED DRAINAGE.
 - F. CONSTRUCT SR 42/N DRUID HILLS RD FULL DEPTH PAVEMENT ADJACENT TO BRIDGE #1. LEVEL UP SR 42 TO MEET PROPOSED BRIDGE #1 GRADE BEFORE OPENING BRIDGE #1 TO TRAFFIC.



BEGIN PROJECT PI *0016054
 SR 42 STA 15+00.00
 N 1394630.8749
 E 2243810.1763

BEGIN MILLING, OVERLAY,
 LEVELING & WIDENING
 SR 42 STA 16+78.55
 MATCH EXIST PVMT
 MATCH EXIST X-SLOPE
 +0.67% LT & +0.47% RT
 CURVE #1

LIMIT OF CONSTRUCTION
 SR 42 STA 16+53.93

LEGEND

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

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

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

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SCALE IN FEET
 0 20 40 80

REVISION DATES

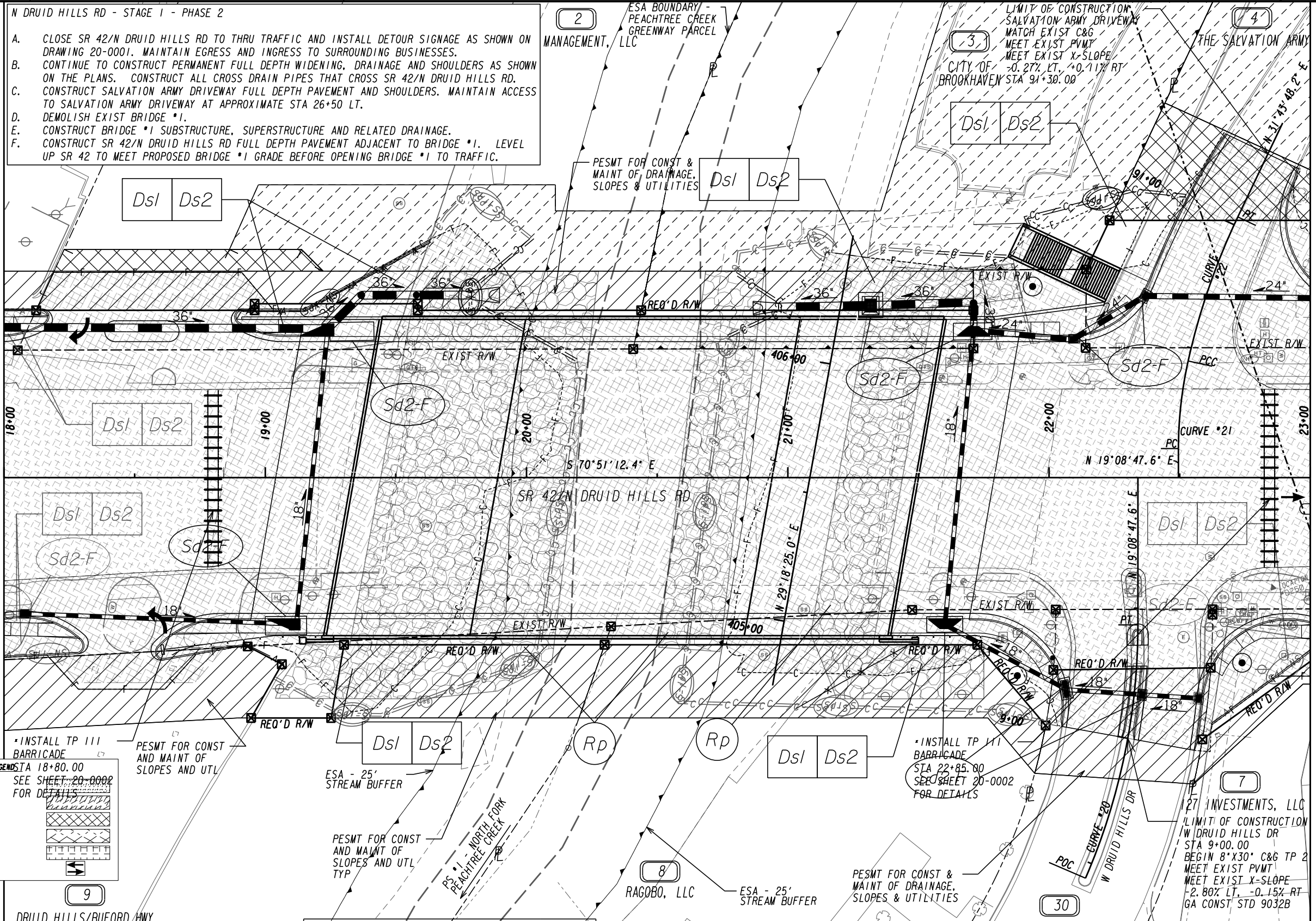
INTERMEDIATE PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 16+53.93 TO STA 18+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0014
CORRECTED:	DATE:	
VERIFIED:	DATE:	

- N DRUID HILLS RD - STAGE 1 - PHASE 2**
- A. CLOSE SR 42/N DRUID HILLS RD TO THRU TRAFFIC AND INSTALL DETOUR SIGNAGE AS SHOWN ON DRAWING 20-0001. MAINTAIN EGRESS AND INGRESS TO SURROUNDING BUSINESSES.
 - B. CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. CONSTRUCT ALL CROSS DRAIN PIPES THAT CROSS SR 42/N DRUID HILLS RD.
 - C. CONSTRUCT SALVATION ARMY DRIVEWAY FULL DEPTH PAVEMENT AND SHOULDERS. MAINTAIN ACCESS TO SALVATION ARMY DRIVEWAY AT APPROXIMATE STA 26+50 LT.
 - D. DEMOLISH EXIST BRIDGE *1.
 - E. CONSTRUCT BRIDGE *1 SUBSTRUCTURE, SUPERSTRUCTURE AND RELATED DRAINAGE.
 - F. CONSTRUCT SR 42/N DRUID HILLS RD FULL DEPTH PAVEMENT ADJACENT TO BRIDGE *1. LEVEL UP SR 42 TO MEET PROPOSED BRIDGE *1 GRADE BEFORE OPENING BRIDGE *1 TO TRAFFIC.

MATCHLINE STA 18+00.00 SEE SHEET 54A-0014

MATCHLINE STA 23+00.00 SEE SHEET 54A-0016



LEGENDS

PAVEMENT REMOVAL	[Symbol]
TEMPORARY CONSTRUCTION PAVEMENT	[Symbol]
PERMANENT CONSTRUCTION	[Symbol]
CONCRETE MEDIAN CONSTRUCTION	[Symbol]
MILL & OVERLAY CONSTRUCTION	[Symbol]
OPEN LANES OF TRAFFIC	[Symbol]

9
DRUID HILLS/BUFORD HWY
5 ACRES, LLC

ESA - SEE GENERAL NOTES / ENVIRONMENTAL RESOURCES IMPACT TABLE* FOR CONSTRUCTION RESTRICTIONS

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

BEGIN LIMIT OF ACCESS.....BLA	[Symbol]
END LIMIT OF ACCESS.....ELA	[Symbol]
REQ'D LIMIT OF ACCESS	[Symbol]
REQ'D LIMIT OF ACCESS & R/W	[Symbol]
ORANGE BARRIER FENCE	[Symbol]
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	[Symbol]
MILL & OVERLAY AND/OR LEVELING LIMITS	[Symbol]

INFRASTRUCTURE CONSULTING & ENGINEERING
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NORCROSS, GEORGIA 30071

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SCALE IN FEET
0 20 40 80

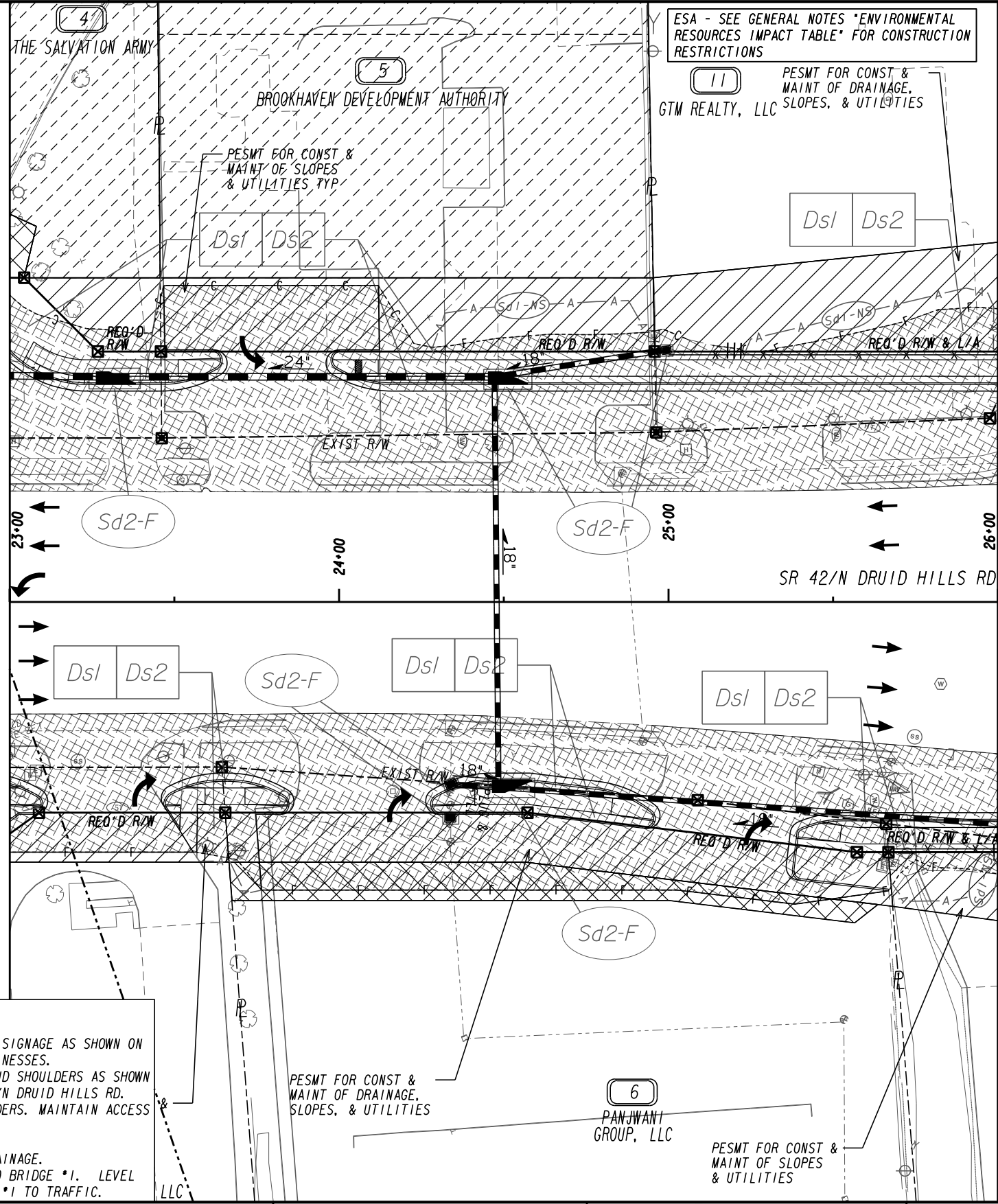
REVISION DATES

3/19/2024	

INTERMEDIATE PHASE

BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 18+00.00 TO STA 23+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 23+00.00 SEE SHEET 54A-0015

MATCHLINE STA 26+00.00 SEE SHEET 54A-0017

LEGEND

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

- N DRUID HILLS RD - STAGE 1 - PHASE 2**
- A. CLOSE SR 42/N DRUID HILLS RD TO THRU TRAFFIC AND INSTALL DETOUR SIGNAGE AS SHOWN ON DRAWING 20-0001. MAINTAIN EGRESS AND INGRESS TO SURROUNDING BUSINESSES.
 - B. CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. CONSTRUCT ALL CROSS DRAIN PIPES THAT CROSS SR 42/N DRUID HILLS RD.
 - C. CONSTRUCT SALVATION ARMY DRIVEWAY FULL DEPTH PAVEMENT AND SHOULDERS. MAINTAIN ACCESS TO SALVATION ARMY DRIVEWAY AT APPROXIMATE STA 26+50 LT.
 - D. DEMOLISH EXIST BRIDGE *1.
 - E. CONSTRUCT BRIDGE *1 SUBSTRUCTURE, SUPERSTRUCTURE AND RELATED DRAINAGE.
 - F. CONSTRUCT SR 42/N DRUID HILLS RD FULL DEPTH PAVEMENT ADJACENT TO BRIDGE *1. LEVEL UP SR 42 TO MEET PROPOSED BRIDGE *1 GRADE BEFORE OPENING BRIDGE *1 TO TRAFFIC.

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

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

INFRASTRUCTURE CONSULTING & ENGINEERING
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NORCROSS, GEORGIA 30071

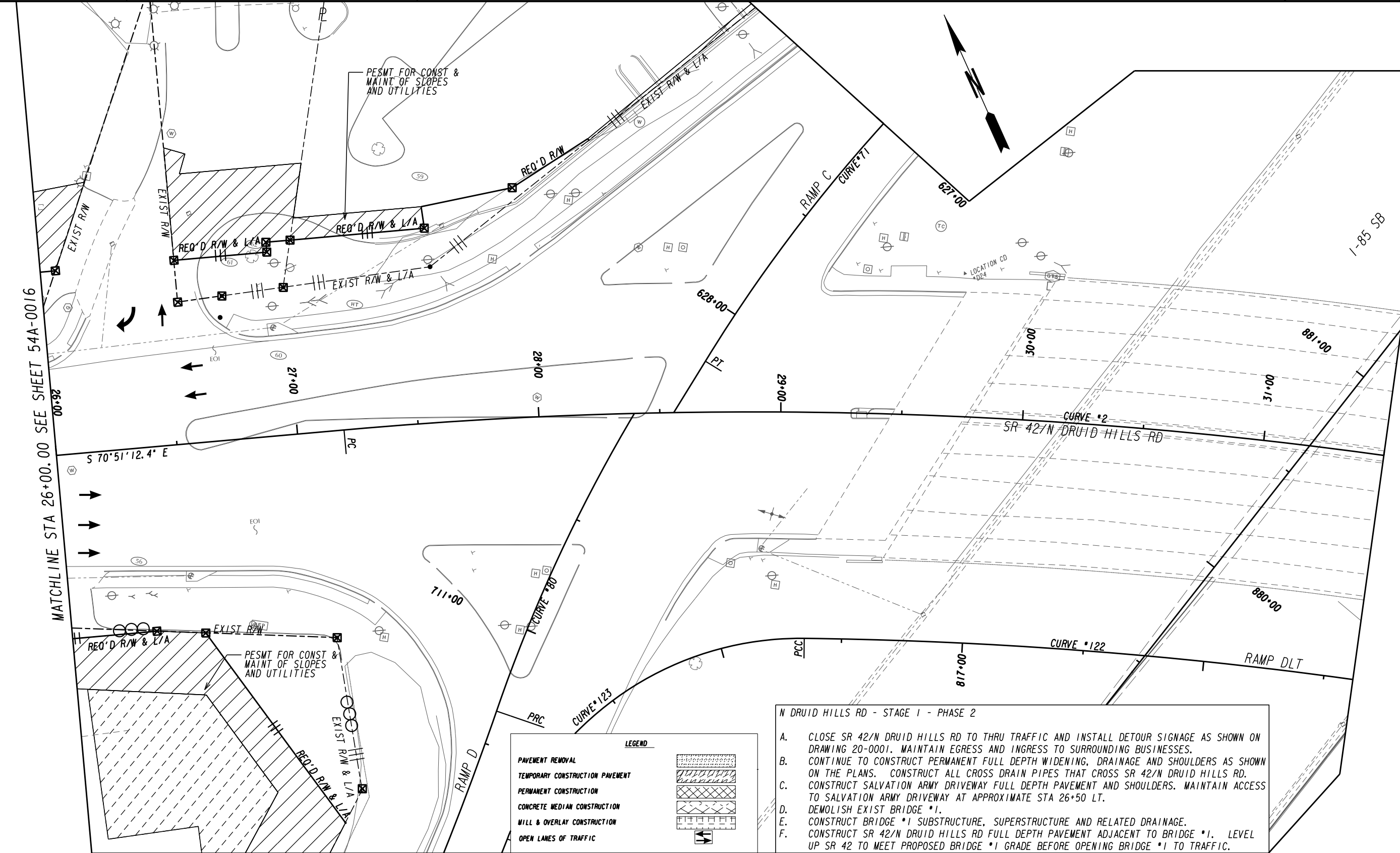
north tarrant
infrastructure, llc

SCALE IN FEET

REVISION DATES	

INTERMEDIATE PHASE
BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 23+00.00 TO STA 26+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 26+00.00 SEE SHEET 54A-0016

S 70°51'12.4" E

REQ'D R/W & L/A

EXIST R/W

PESMT FOR CONST & MAINT OF SLOPES AND UTILITIES

LEGEND

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

- N DRUID HILLS RD - STAGE I - PHASE 2**
- A. CLOSE SR 42/N DRUID HILLS RD TO THRU TRAFFIC AND INSTALL DETOUR SIGNAGE AS SHOWN ON DRAWING 20-0001. MAINTAIN EGRESS AND INGRESS TO SURROUNDING BUSINESSES.
 - B. CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS. CONSTRUCT ALL CROSS DRAIN PIPES THAT CROSS SR 42/N DRUID HILLS RD.
 - C. CONSTRUCT SALVATION ARMY DRIVEWAY FULL DEPTH PAVEMENT AND SHOULDERS. MAINTAIN ACCESS TO SALVATION ARMY DRIVEWAY AT APPROXIMATE STA 26+50 LT.
 - D. DEMOLISH EXIST BRIDGE #1.
 - E. CONSTRUCT BRIDGE #1 SUBSTRUCTURE, SUPERSTRUCTURE AND RELATED DRAINAGE.
 - F. CONSTRUCT SR 42/N DRUID HILLS RD FULL DEPTH PAVEMENT ADJACENT TO BRIDGE #1. LEVEL UP SR 42 TO MEET PROPOSED BRIDGE #1 GRADE BEFORE OPENING BRIDGE #1 TO TRAFFIC.

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

--- P ---
 --- C --- F ---
 BEGIN LIMIT OF ACCESS.....BLA
 END LIMIT OF ACCESS.....ELA
 REQ'D LIMIT OF ACCESS
 REQ'D LIMIT OF ACCESS & R/W
 ORANGE BARRIER FENCE
 ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)
 MILL & OVERLAY AND/OR LEVELING LIMITS

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

SCALE IN FEET
 0 20 40 80

REVISION DATES	

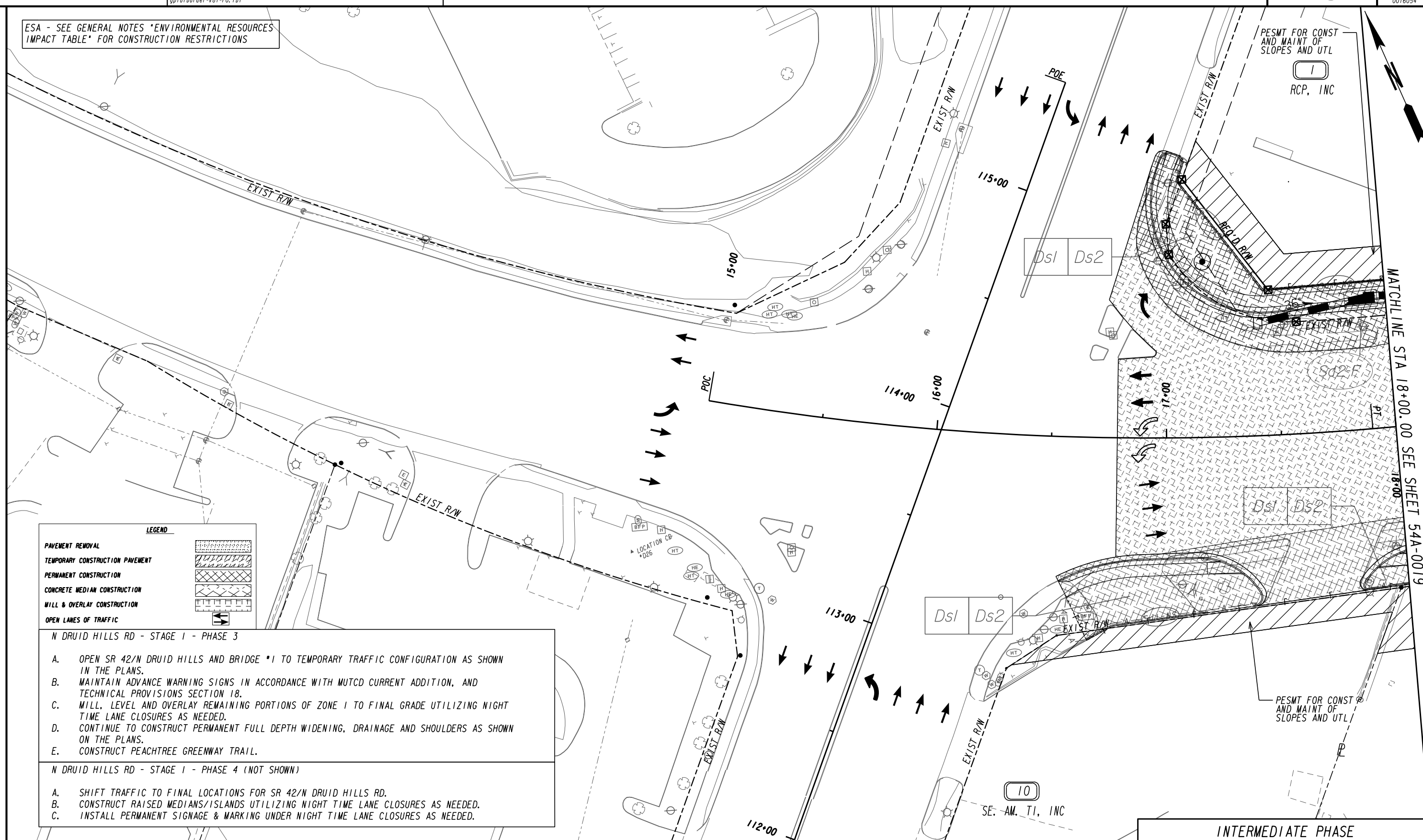
INTERMEDIATE PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 26+00.00 TO STA 31+50.00

CHECKED:	DATE:	DRAWING No. 54A-0017
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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

PESMT FOR CONST AND MAINT OF SLOPES AND UTL
RCP, INC

MATCHLINE STA 18+00.00 SEE SHEET 54A-019



LEGEND

PAVEMENT REMOVAL	[Pattern]
TEMPORARY CONSTRUCTION PAVEMENT	[Pattern]
PERMANENT CONSTRUCTION	[Pattern]
CONCRETE MEDIAN CONSTRUCTION	[Pattern]
MILL & OVERLAY CONSTRUCTION	[Pattern]
OPEN LANES OF TRAFFIC	[Symbol]

- N DRUID HILLS RD - STAGE 1 - PHASE 3**
- OPEN SR 42/N DRUID HILLS AND BRIDGE *1 TO TEMPORARY TRAFFIC CONFIGURATION AS SHOWN IN THE PLANS.
 - MAINTAIN ADVANCE WARNING SIGNS IN ACCORDANCE WITH MUTCD CURRENT ADDITION, AND TECHNICAL PROVISIONS SECTION 18.
 - MILL, LEVEL AND OVERLAY REMAINING PORTIONS OF ZONE 1 TO FINAL GRADE UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS.
 - CONSTRUCT PEACHTREE GREENWAY TRAIL.
- N DRUID HILLS RD - STAGE 1 - PHASE 4 (NOT SHOWN)**
- SHIFT TRAFFIC TO FINAL LOCATIONS FOR SR 42/N DRUID HILLS RD.
 - CONSTRUCT RAISED MEDIANS/ISLANDS UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - INSTALL PERMANENT SIGNAGE & MARKING UNDER NIGHT TIME LANE CLOSURES AS NEEDED.

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

BEGIN LIMIT OF ACCESS.....BLA	[Symbol]
END LIMIT OF ACCESS.....ELA	[Symbol]
REQ'D LIMIT OF ACCESS	[Symbol]
REQ'D LIMIT OF ACCESS & R/W	[Symbol]
ORANGE BARRIER FENCE	[Symbol]
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	[Symbol]
MILL & OVERLAY AND/OR LEVELING LIMITS	[Symbol]

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NORCROSS, GEORGIA 30071

north tarrant
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SCALE IN FEET
0 20 40 80

REVISION DATES	

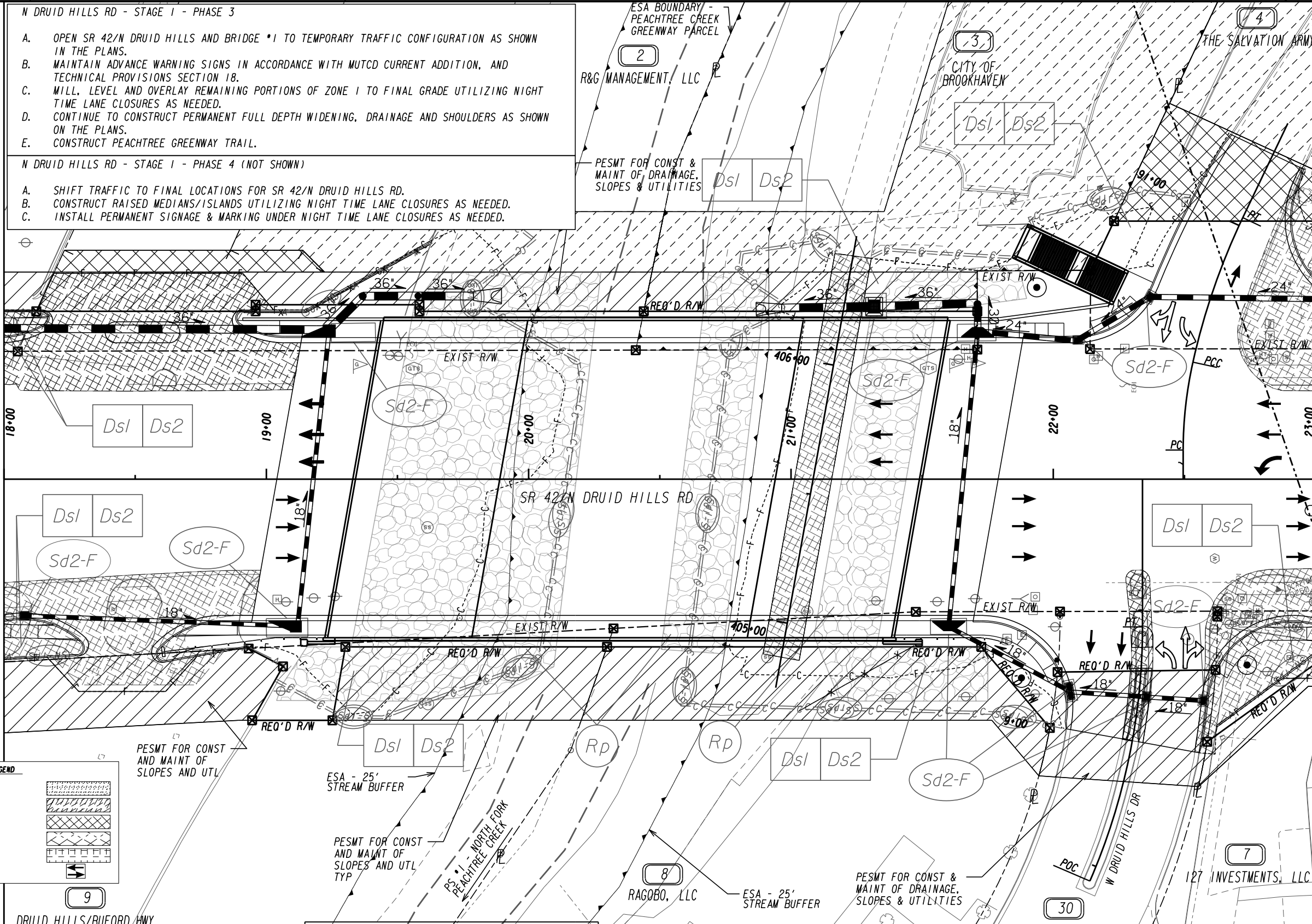
INTERMEDIATE PHASE
BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 16+53.93 TO STA 18+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0018
CORRECTED:	DATE:	
VERIFIED:	DATE:	

- N DRUID HILLS RD - STAGE 1 - PHASE 3**
- OPEN SR 42/N DRUID HILLS AND BRIDGE #1 TO TEMPORARY TRAFFIC CONFIGURATION AS SHOWN IN THE PLANS.
 - MAINTAIN ADVANCE WARNING SIGNS IN ACCORDANCE WITH MUTCD CURRENT ADDITION, AND TECHNICAL PROVISIONS SECTION 18.
 - MILL, LEVEL AND OVERLAY REMAINING PORTIONS OF ZONE 1 TO FINAL GRADE UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS.
 - CONSTRUCT PEACHTREE GREENWAY TRAIL.
- N DRUID HILLS RD - STAGE 1 - PHASE 4 (NOT SHOWN)**
- SHIFT TRAFFIC TO FINAL LOCATIONS FOR SR 42/N DRUID HILLS RD.
 - CONSTRUCT RAISED MEDIANS/ISLANDS UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - INSTALL PERMANENT SIGNAGE & MARKING UNDER NIGHT TIME LANE CLOSURES AS NEEDED.

MATCHLINE STA 18+00.00 SEE SHEET 54A-0018

MATCHLINE STA 23+00.00 SEE SHEET 54A-0020



LEGEND

PAVEMENT REMOVAL	[Pattern]
TEMPORARY CONSTRUCTION PAVEMENT	[Pattern]
PERMANENT CONSTRUCTION	[Pattern]
CONCRETE MEDIAN CONSTRUCTION	[Pattern]
MILL & OVERLAY CONSTRUCTION	[Pattern]
OPEN LANES OF TRAFFIC	[Symbol]

9
DRUID HILLS/BUFORD HWY
5 ACRES, LLC

ESA - SEE GENERAL NOTES/ENVIRONMENTAL RESOURCES IMPACT TABLE* FOR CONSTRUCTION RESTRICTIONS

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

BEGIN LIMIT OF ACCESS.....BLA	[Symbol]
END LIMIT OF ACCESS.....ELA	[Symbol]
REQ'D LIMIT OF ACCESS	[Symbol]
REQ'D LIMIT OF ACCESS & R/W	[Symbol]
ORANGE BARRIER FENCE	[Symbol]
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	[Symbol]
MILL & OVERLAY AND/OR LEVELING LIMITS	[Symbol]

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SCALE IN FEET
0 20 40 80

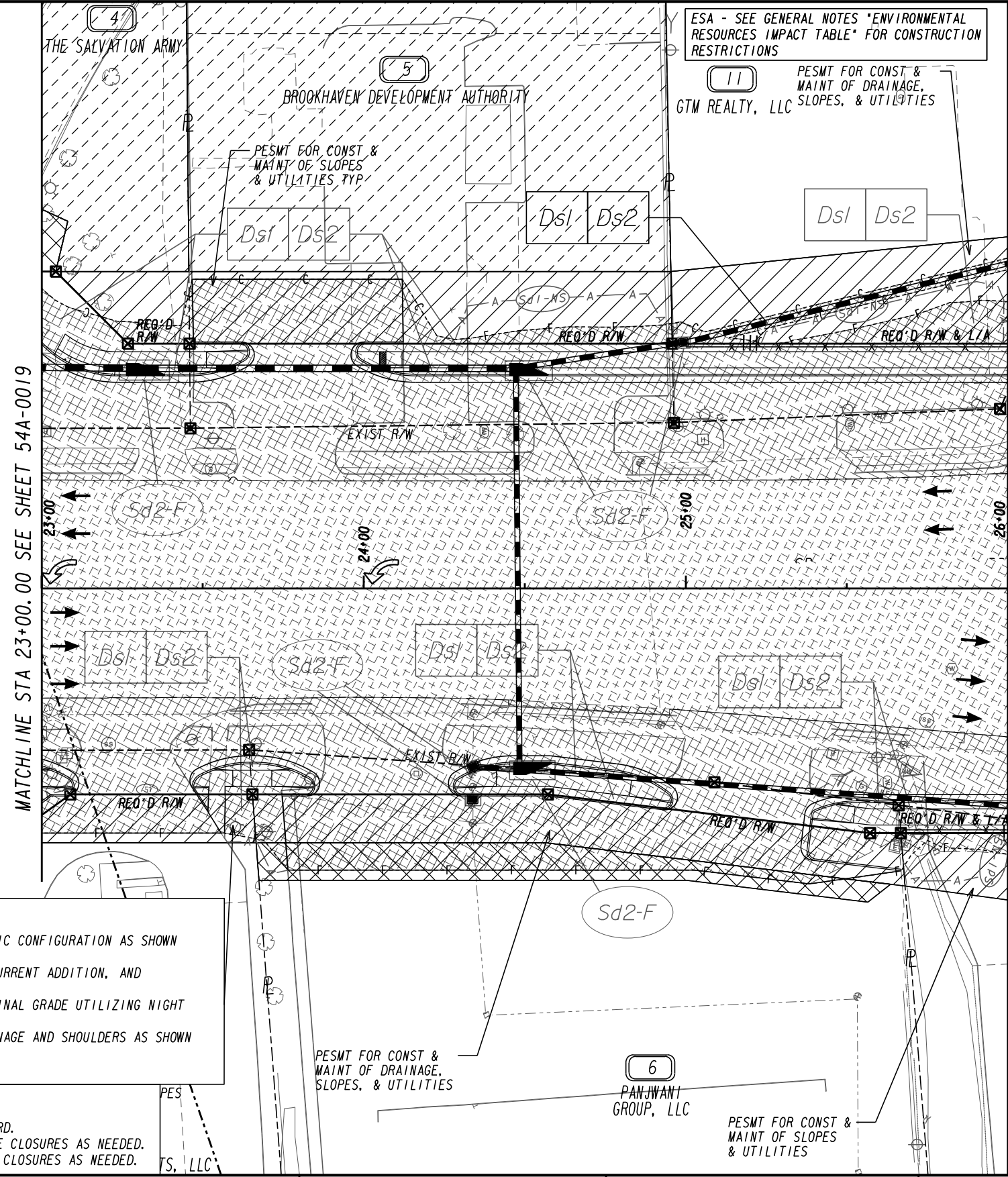
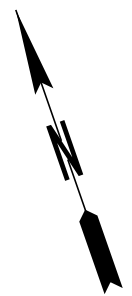
REVISION DATES

3/19/2024	

INTERMEDIATE PHASE

BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 18+00.00 TO STA 23+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0019
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LEGEND

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

- N DRUID HILLS RD - STAGE 1 - PHASE 3**
- OPEN SR 42/N DRUID HILLS AND BRIDGE *1 TO TEMPORARY TRAFFIC CONFIGURATION AS SHOWN IN THE PLANS.
 - MAINTAIN ADVANCE WARNING SIGNS IN ACCORDANCE WITH MUTCD CURRENT ADDITION, AND TECHNICAL PROVISIONS SECTION 18.
 - MILL, LEVEL AND OVERLAY REMAINING PORTIONS OF ZONE 1 TO FINAL GRADE UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS.
 - CONSTRUCT PEACHTREE GREENWAY TRAIL.

- N DRUID HILLS RD - STAGE 1 - PHASE 4 (NOT SHOWN)**
- SHIFT TRAFFIC TO FINAL LOCATIONS FOR SR 42/N DRUID HILLS RD.
 - CONSTRUCT RAISED MEDIANS/ISLANDS UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - INSTALL PERMANENT SIGNAGE & MARKING UNDER NIGHT TIME LANE CLOSURES AS NEEDED.

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	
REQ'D LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	
MILL & OVERLAY AND/OR LEVELING LIMITS	

INFRASTRUCTURE CONSULTING & ENGINEERING
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NORCROSS, GEORGIA 30071

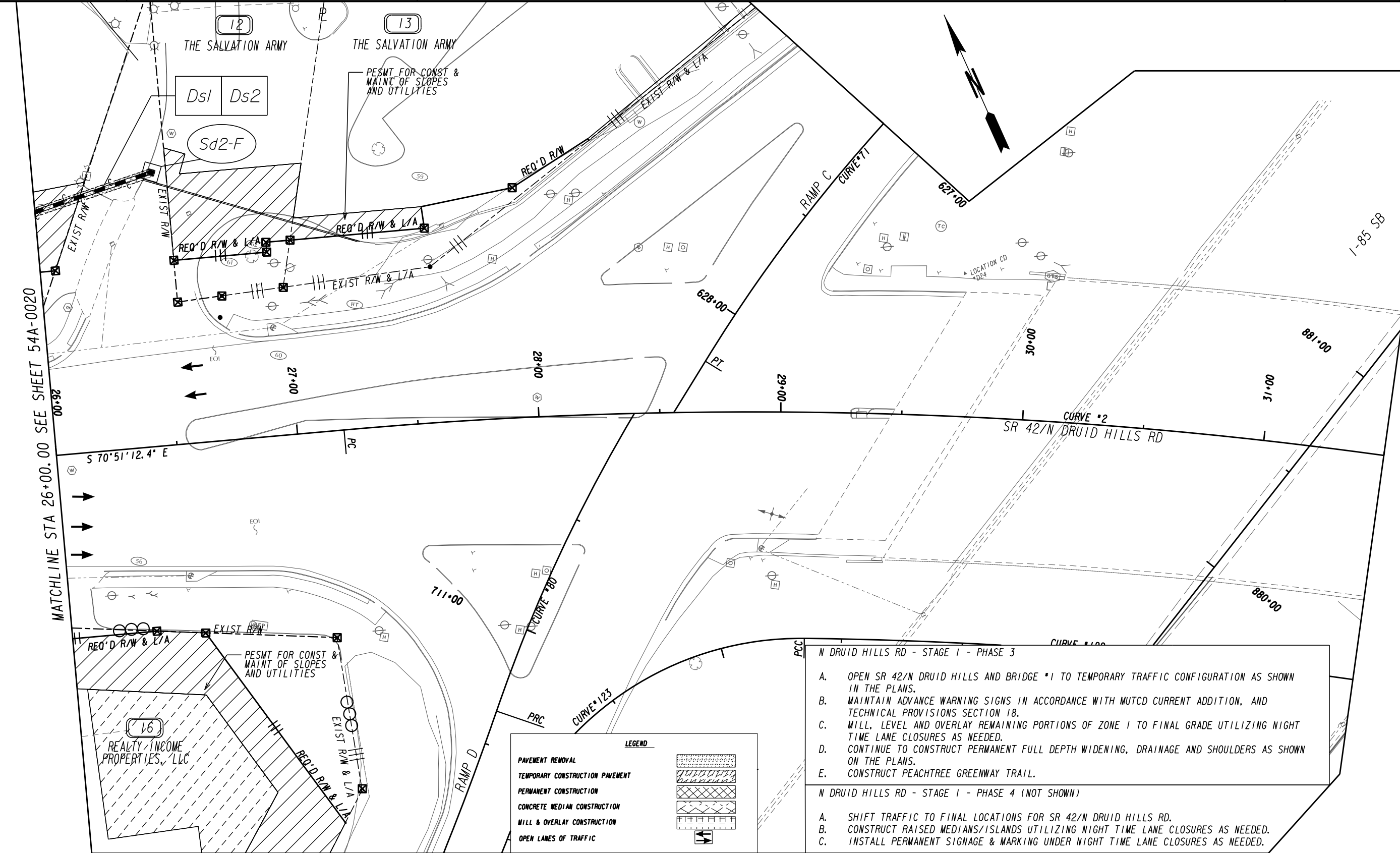
north tarrant
infrastructure, llc

SCALE IN FEET

REVISION DATES

INTERMEDIATE PHASE
BMP LOCATION DETAILS
SR 42 @ I-85 - ZONE 1 & 2
STA 23+00.00 TO STA 26+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0020
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 26+00.00 SEE SHEET 54A-0020

LEGEND

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

- N DRUID HILLS RD - STAGE 1 - PHASE 3**
- OPEN SR 42/N DRUID HILLS AND BRIDGE *1 TO TEMPORARY TRAFFIC CONFIGURATION AS SHOWN IN THE PLANS.
 - MAINTAIN ADVANCE WARNING SIGNS IN ACCORDANCE WITH MUTCD CURRENT ADDITION, AND TECHNICAL PROVISIONS SECTION 18.
 - MILL, LEVEL AND OVERLAY REMAINING PORTIONS OF ZONE 1 TO FINAL GRADE UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - CONTINUE TO CONSTRUCT PERMANENT FULL DEPTH WIDENING, DRAINAGE AND SHOULDERS AS SHOWN ON THE PLANS.
 - CONSTRUCT PEACHTREE GREENWAY TRAIL.
- N DRUID HILLS RD - STAGE 1 - PHASE 4 (NOT SHOWN)**
- SHIFT TRAFFIC TO FINAL LOCATIONS FOR SR 42/N DRUID HILLS RD.
 - CONSTRUCT RAISED MEDIANS/ISLANDS UTILIZING NIGHT TIME LANE CLOSURES AS NEEDED.
 - INSTALL PERMANENT SIGNAGE & MARKING UNDER NIGHT TIME LANE CLOSURES AS NEEDED.

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

---p--- BEGIN LIMIT OF ACCESS.....BLA
 ---f--- END LIMIT OF ACCESS.....ELA
 ---c--- REQ'D LIMIT OF ACCESS
 ---f--- REQ'D LIMIT OF ACCESS & R/W
 ---h--- ORANGE BARRIER FENCE
 ---s--- ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)
 ---x--- MILL & OVERLAY AND/OR LEVELING LIMITS

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 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

SCALE IN FEET
 0 20 40 80

REVISION DATES	

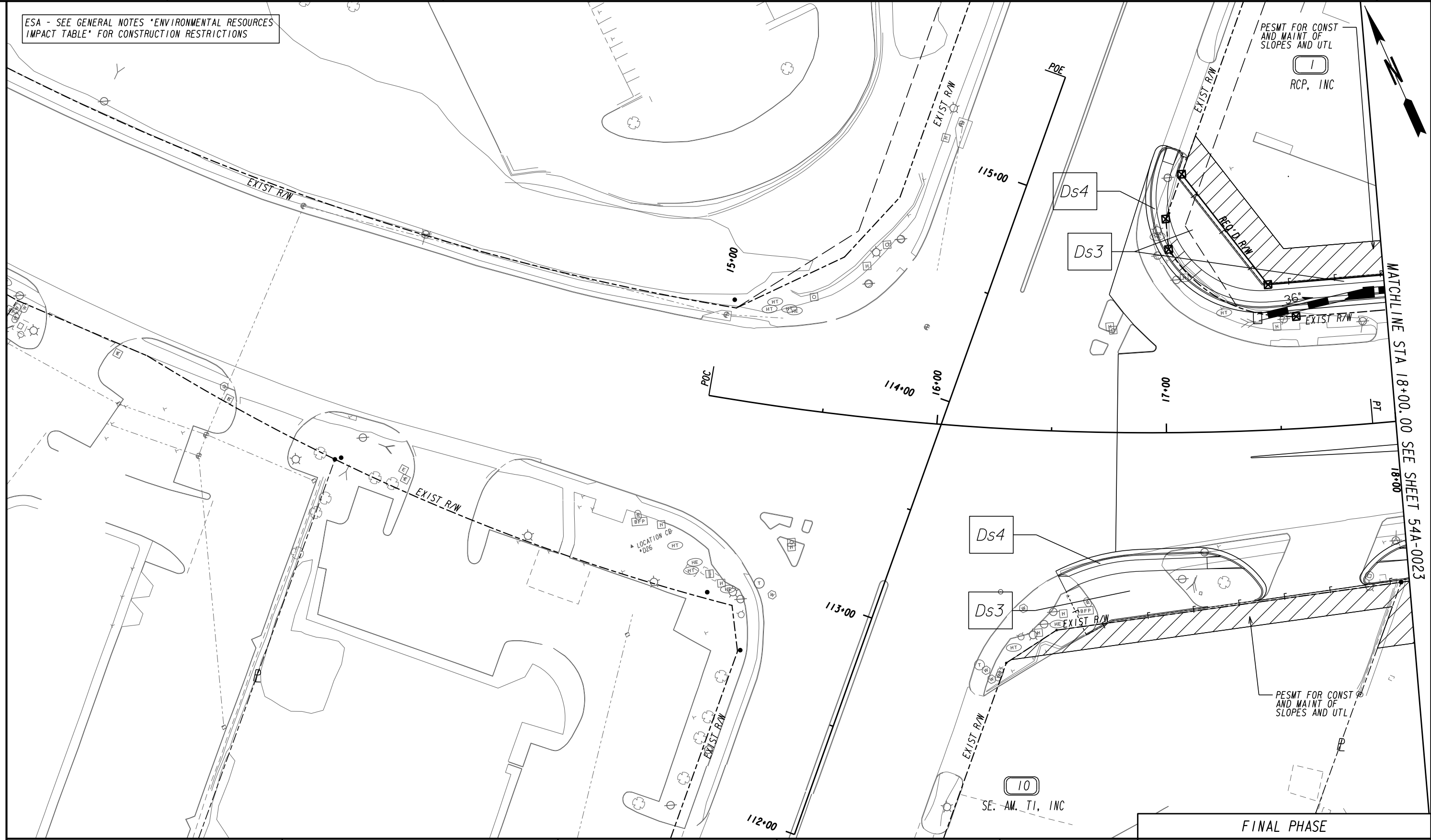
INTERMEDIATE PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 26+00.00 TO STA 31+50.00

CHECKED:	DATE:	DRAWING No. 54A-0021
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

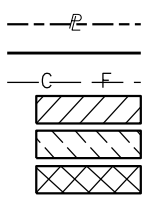
ESA - SEE GENERAL NOTES "ENVIRONMENTAL RESOURCES IMPACT TABLE" FOR CONSTRUCTION RESTRICTIONS

PESMT FOR CONST AND MAINT OF SLOPES AND UTL
RCP, INC

MATCHLINE STA 18+00.00 SEE SHEET 54A-0023



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
 REQ'D LIMIT OF ACCESS
 REQ'D LIMIT OF ACCESS & R/W
 ORANGE BARRIER FENCE
 ESA - ENV. SENSITIVE AREA
 (SEE ERIT TABLE)
 MILL & OVERLAY AND/OR LEVELING LIMITS

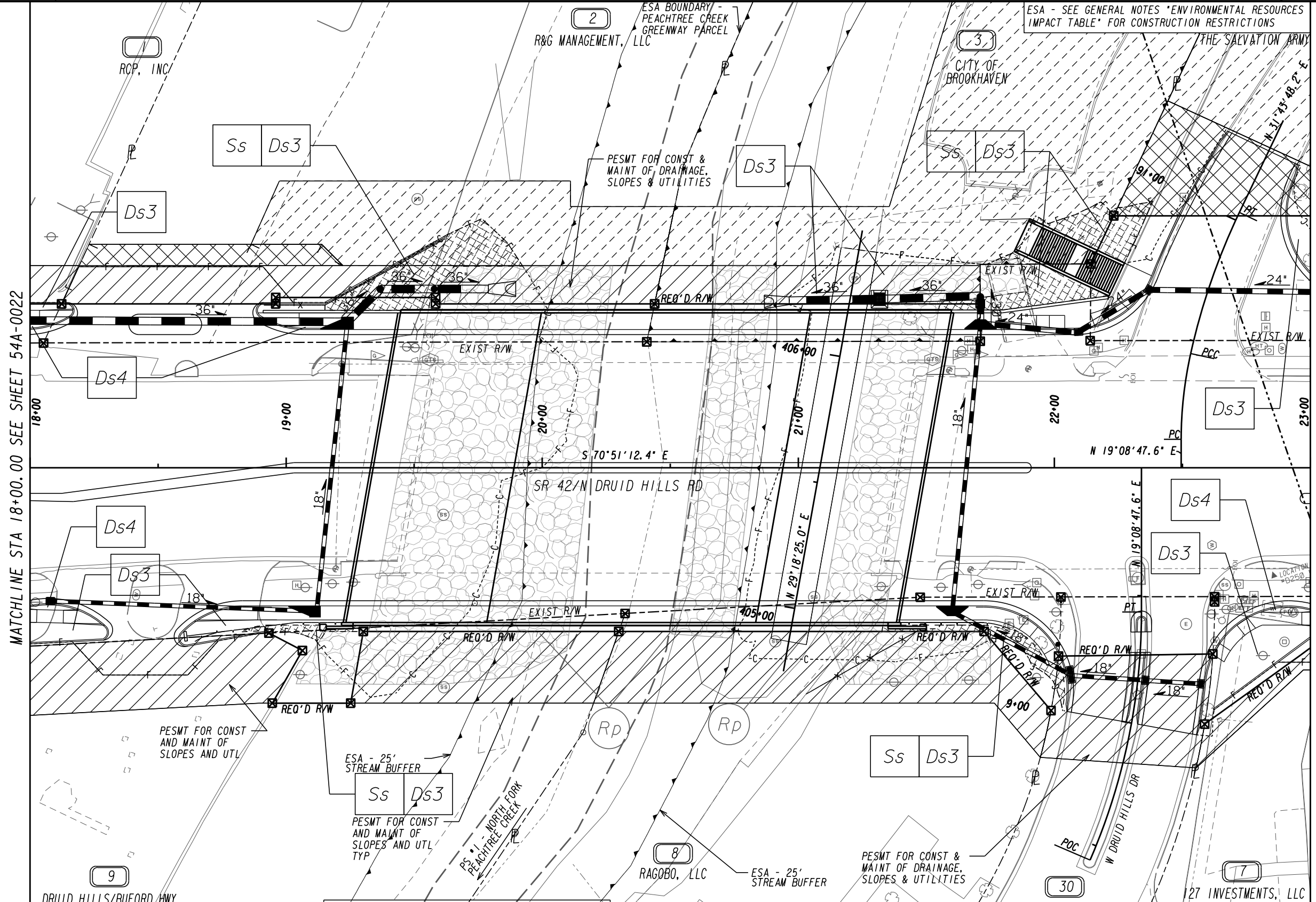
INFRASTRUCTURE
 CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc
 SCALE IN FEET
 0 20 40 60

REVISION DATES	

FINAL PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 16+53.93 TO STA 18+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0022
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 18+00.00 SEE SHEET 54A-0022

MATCHLINE STA 23+00.00 SEE SHEET 54A-0024



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

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

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
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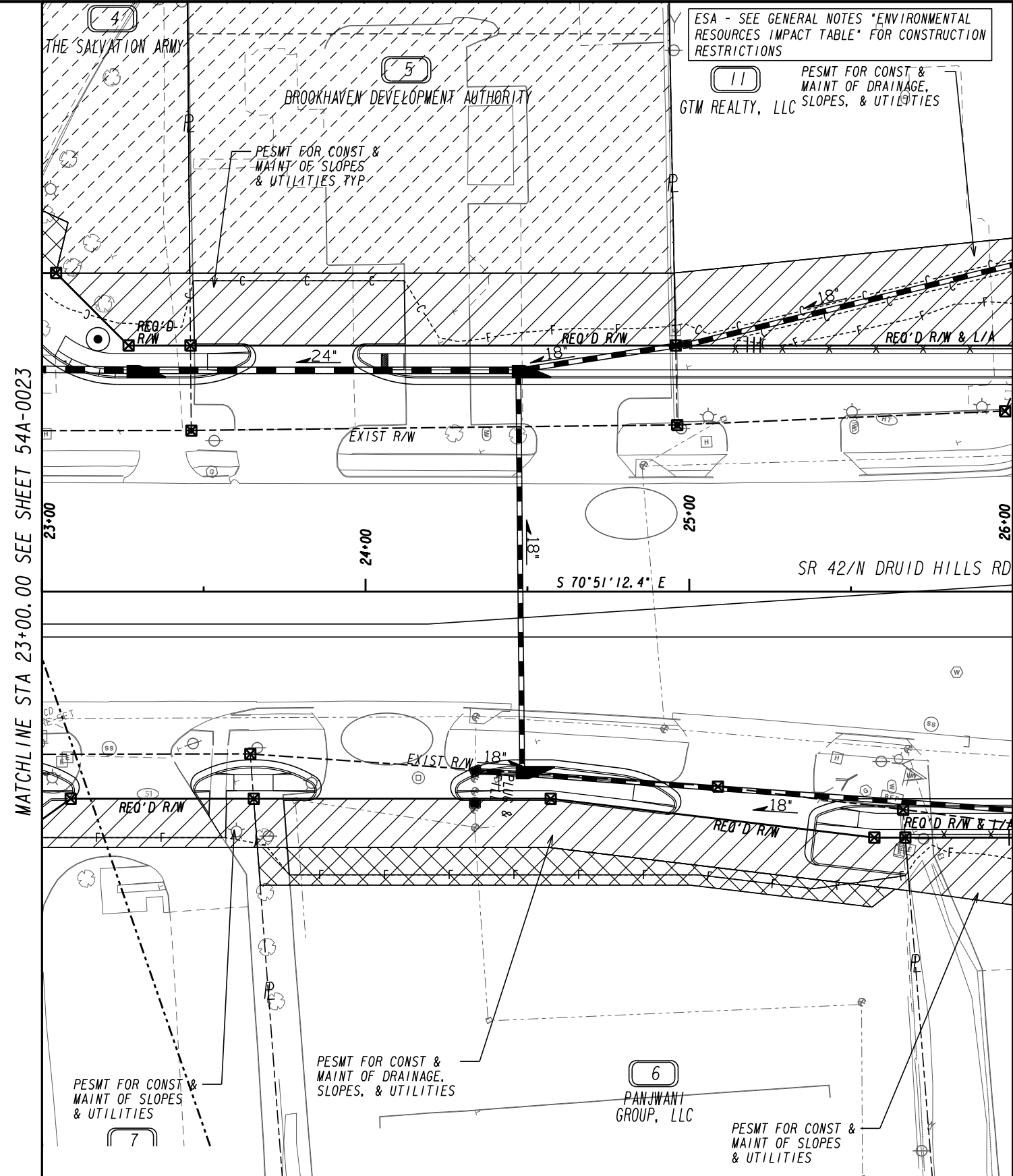
SCALE IN FEET
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REVISION DATES	
3/19/2024	

FINAL PHASE

BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 18+00.00 TO STA. 23+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0023
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

11 PESMT FOR CONST & MAINT OF DRAINAGE, SLOPES, & UTILITIES
GTM REALTY, LLC

4

THE SALVATION ARMY

5

BROOKHAVEN DEVELOPMENT AUTHORITY

PESMT FOR CONST & MAINT OF SLOPES & UTILITIES, TYP

7

PESMT FOR CONST & MAINT OF SLOPES & UTILITIES

6

PANJWANI GROUP, LLC

PESMT FOR CONST & MAINT OF SLOPES & UTILITIES

6

PANJWANI GROUP, LLC

PESMT FOR CONST & MAINT OF SLOPES & UTILITIES

MATCHLINE STA 23+00.00 SEE SHEET 54A-0023



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	XXXX

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

INFRASTRUCTURE CONSULTING & ENGINEERING

4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
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SCALE IN FEET

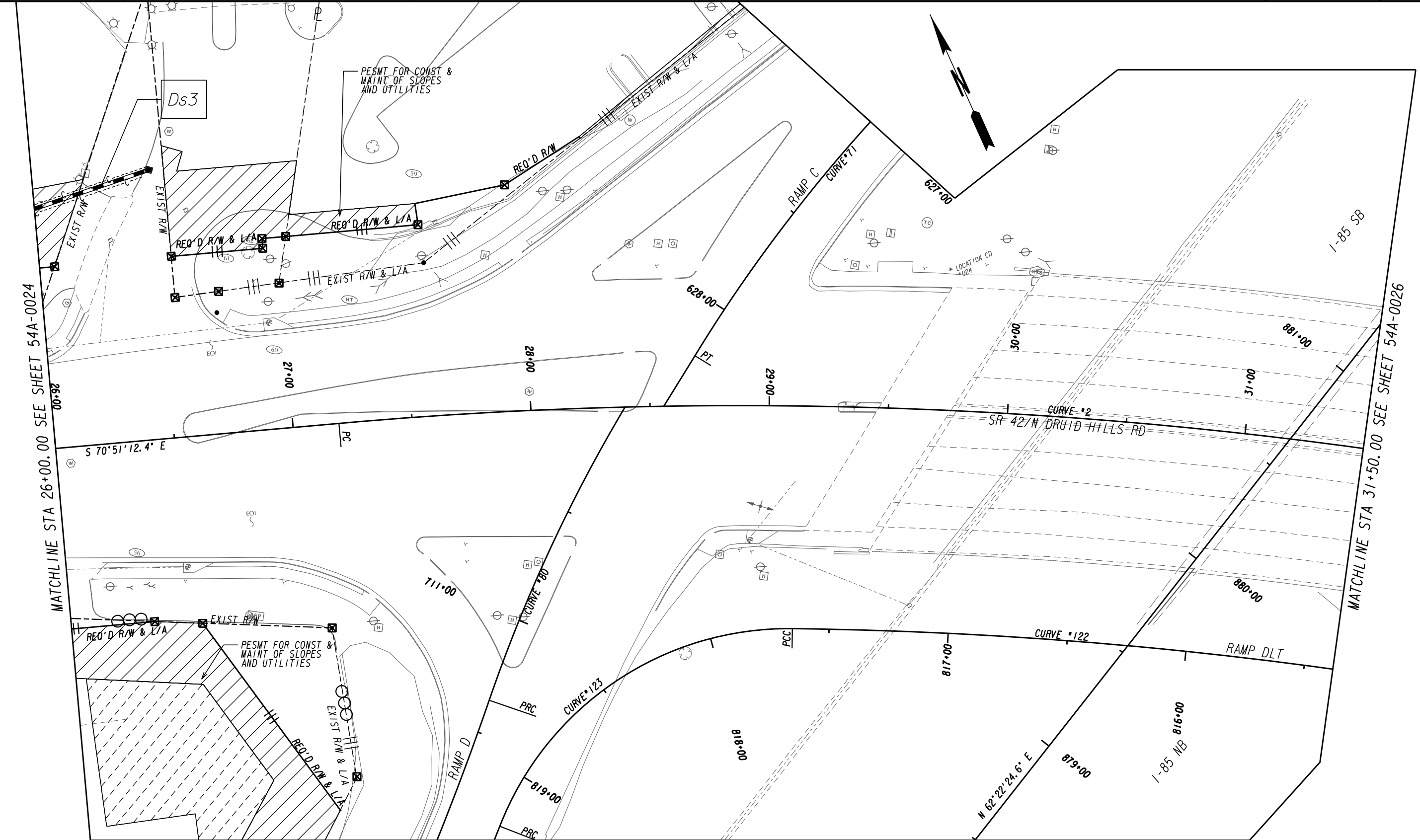
REVISION DATES	

FINAL PHASE

BMP LOCATION DETAILS

SR 42 @ I-85 - ZONE 1 & 2
STA 23+00.00 TO STA. 26+00.00

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54A-0023
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 26+00.00 SEE SHEET 54A-0024

MATCHLINE STA 31+50.00 SEE SHEET 54A-0026

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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

INFRASTRUCTURE CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

SCALE IN FEET
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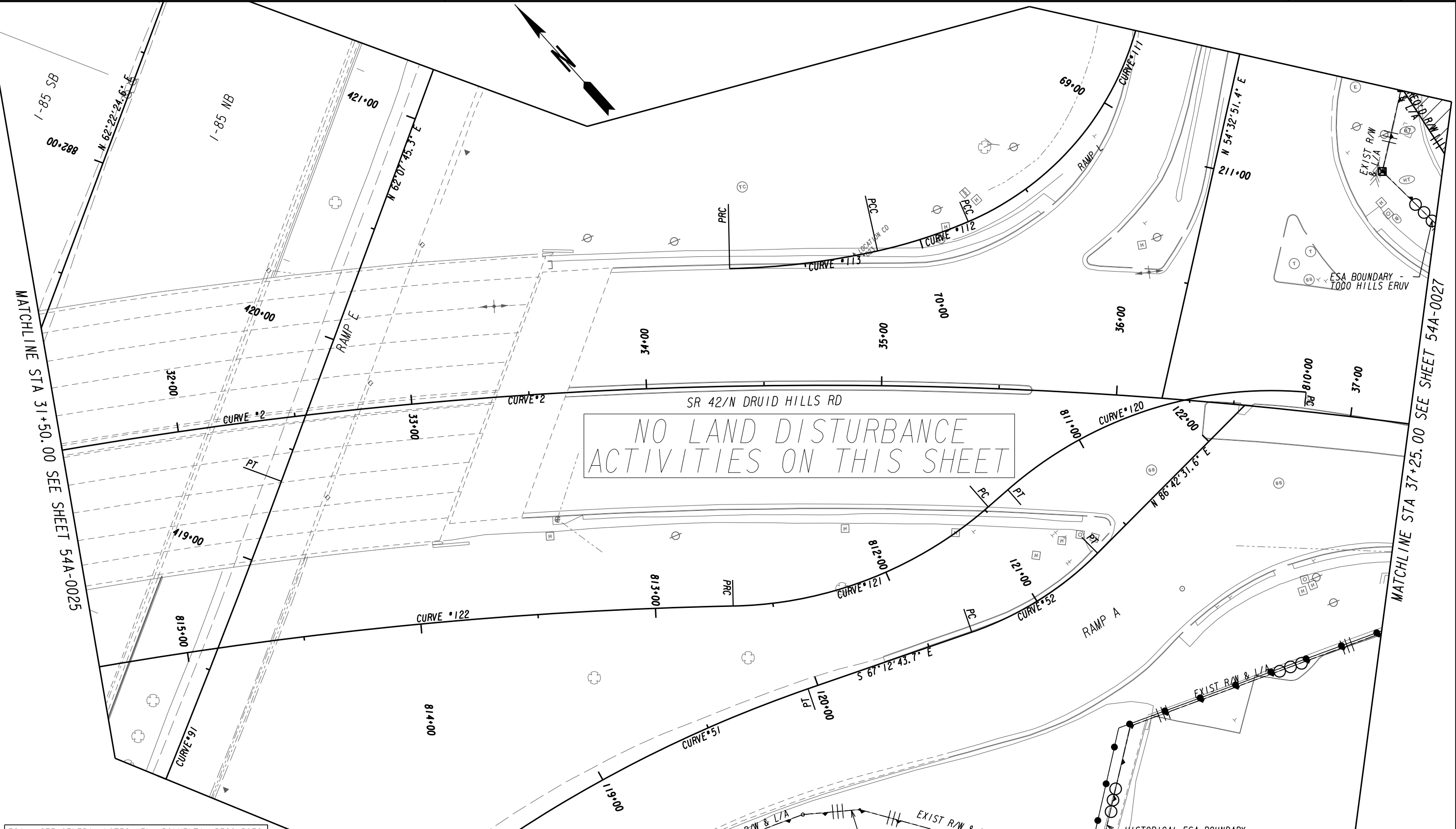
REVISION DATES	

FINAL PHASE

BMP LOCATION DETAILS

SR 42 @ I-85 - ZONE 1 & 2
 STA 26+00.00 TO STA 31+50.00

CHECKED:	DATE:	DRAWING No. 54A-0025
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

INFRASTRUCTURE CONSULTING & ENGINEERING
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 NORCROSS, GEORGIA 30071

north tarrant
 infrastructure, llc

SCALE IN FEET
 0 20 40 80

REVISION DATES	

FINAL PHASE

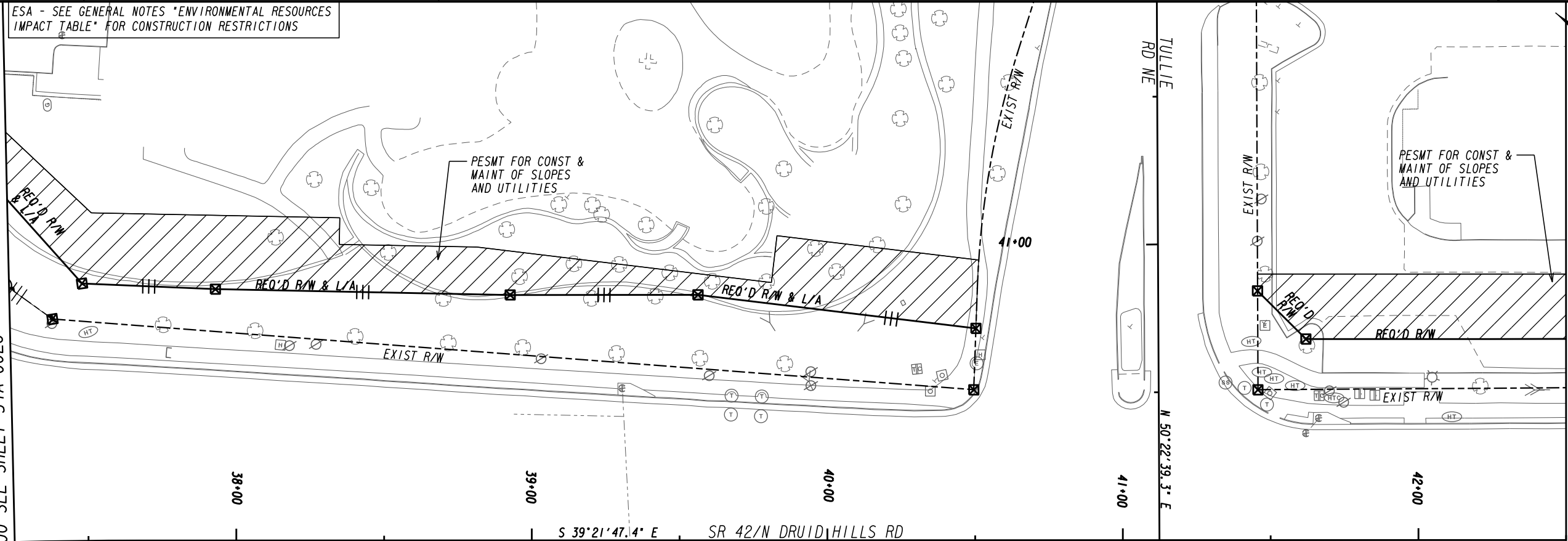
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 31+50.00 TO STA 37+25.00

CHECKED:	DATE:	DRAWING No. 54A-0026
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

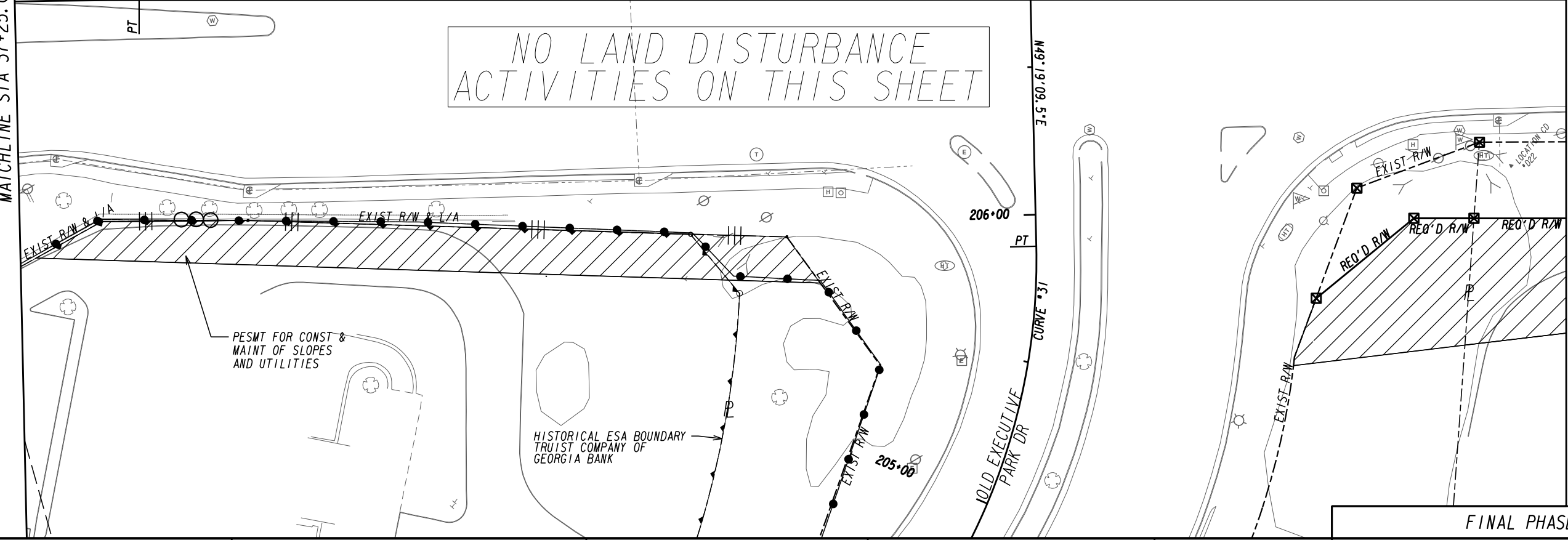
ESA - SEE GENERAL NOTES "ENVIRONMENTAL RESOURCES
IMPACT TABLE" FOR CONSTRUCTION RESTRICTIONS

MATCHLINE STA 37+25.00 SEE SHEET 54A-0026

MATCHLINE STA 42+50.00 SEE SHEET 54A-0028



NO LAND DISTURBANCE
ACTIVITIES ON THIS SHEET



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	---
REQ'D LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---
MILL & OVERLAY AND/OR LEVELING LIMITS	---

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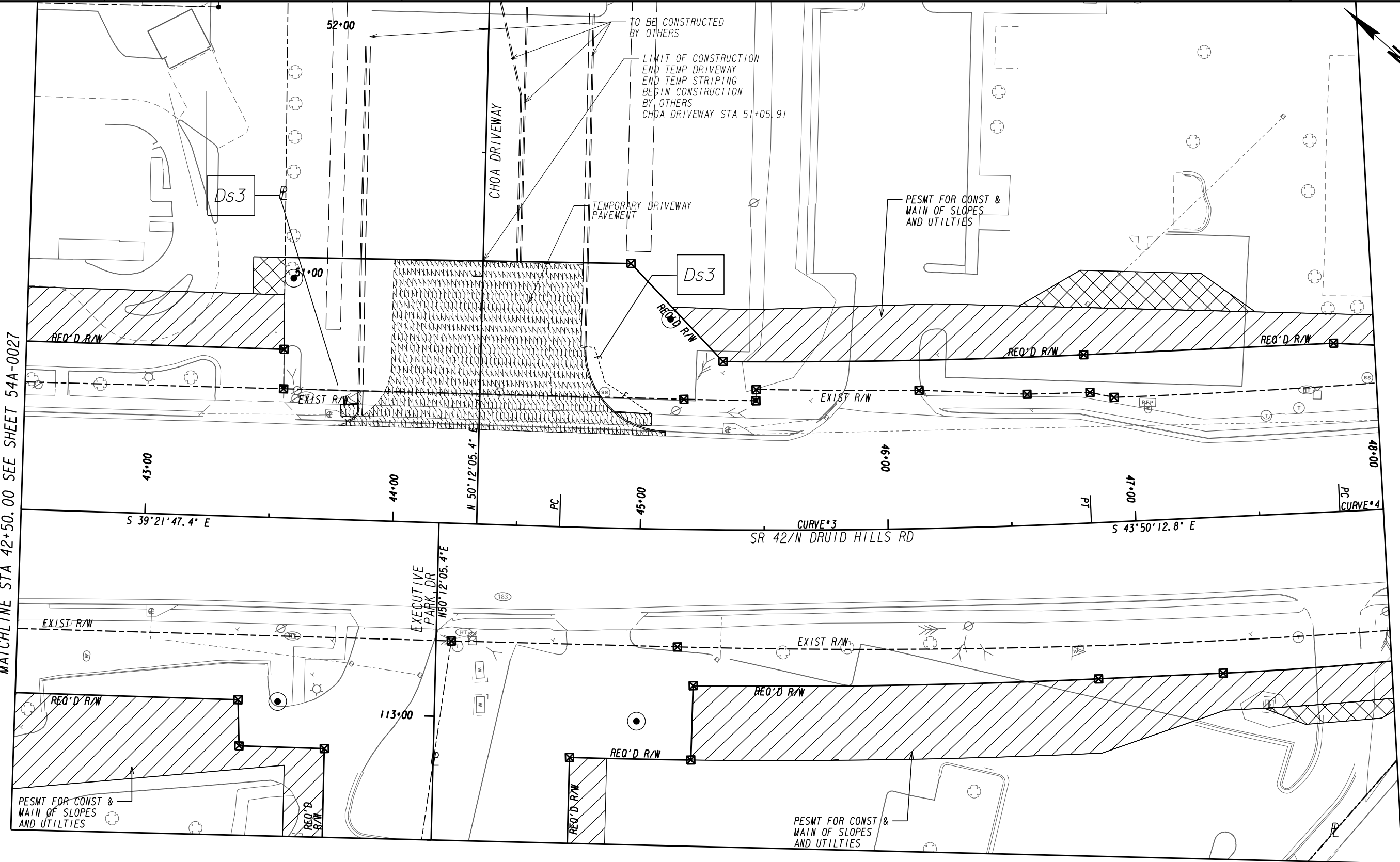
SCALE IN FEET
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REVISION DATES	

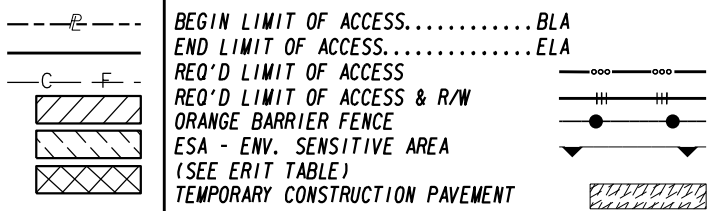
FINAL PHASE
BMP LOCATION DETAILS
 SR 42 @ I-85 - ZONE 1 & 2
 STA 37+25.00 TO STA 42+50.00

CHECKED:	DATE:	DRAWING No. 54A-0027
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

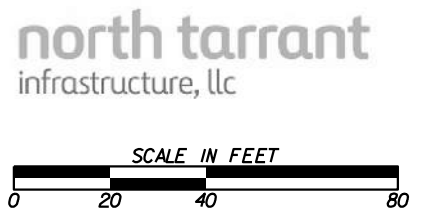
MATCHLINE STA 42+50.00 SEE SHEET 54A-0027



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



INFRASTRUCTURE
 CONSULTING & ENGINEERING
 4940 PEACHTREE INDUSTRIAL BLVD., SUITE 310
 NORCROSS, GEORGIA 30071



REVISION DATES	

FINAL PHASE

BMP LOCATION DETAILS

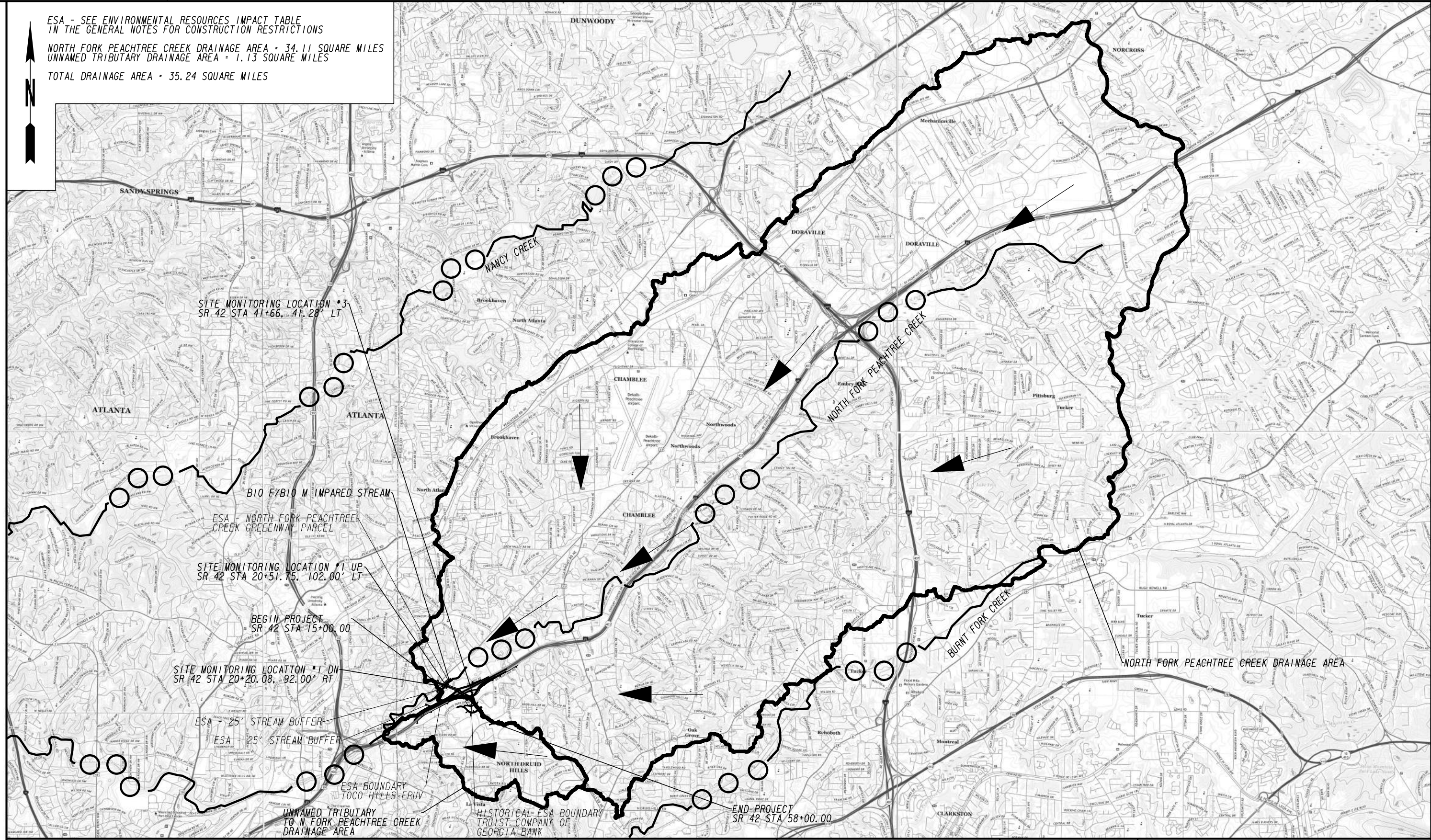
SR 42 @ I-85 - ZONE 1 & 2
 STA 42+50.00 TO STA 48+00.00

CHECKED:	DATE:	DRAWING No. 54A-0028
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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

NORTH FORK PEACHTREE CREEK DRAINAGE AREA = 34.11 SQUARE MILES
UNNAMED TRIBUTARY DRAINAGE AREA = 1.13 SQUARE MILES

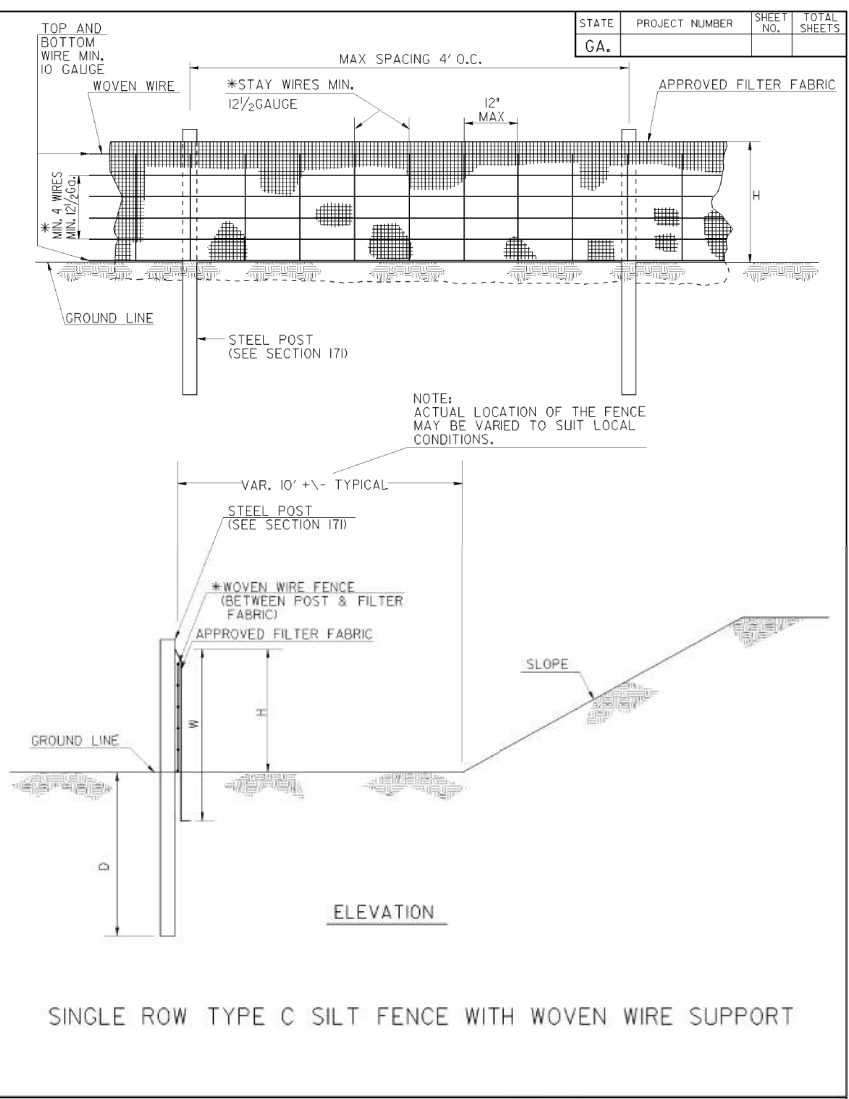
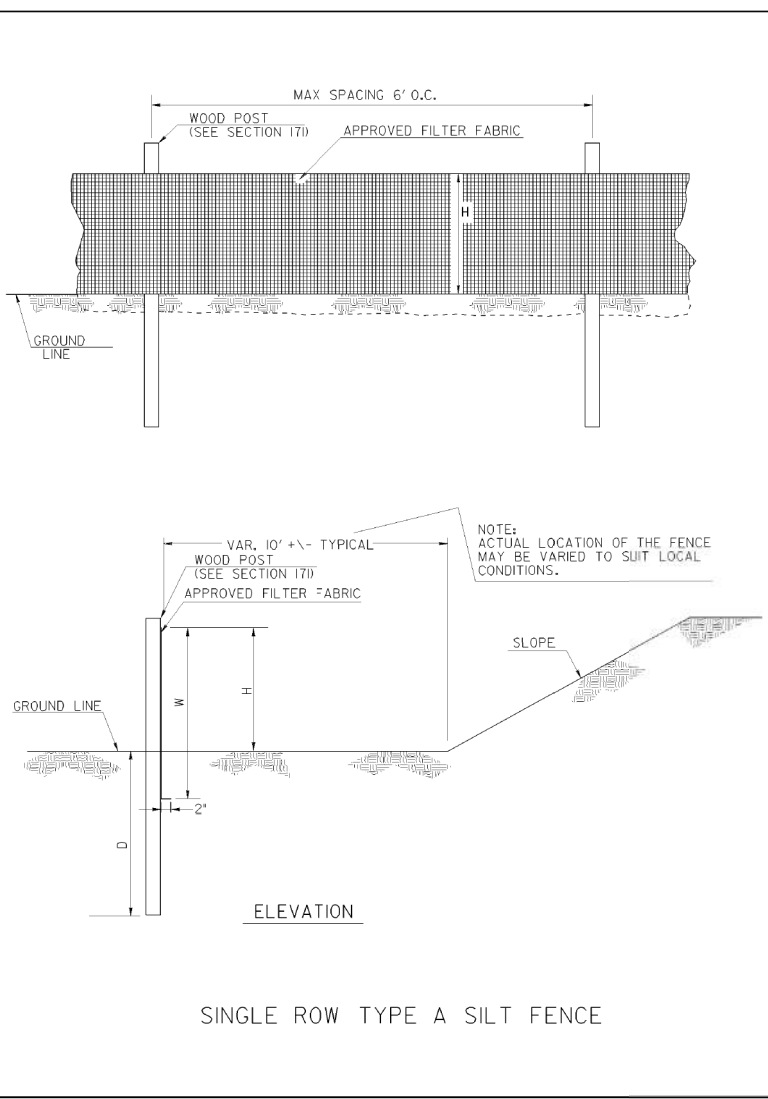
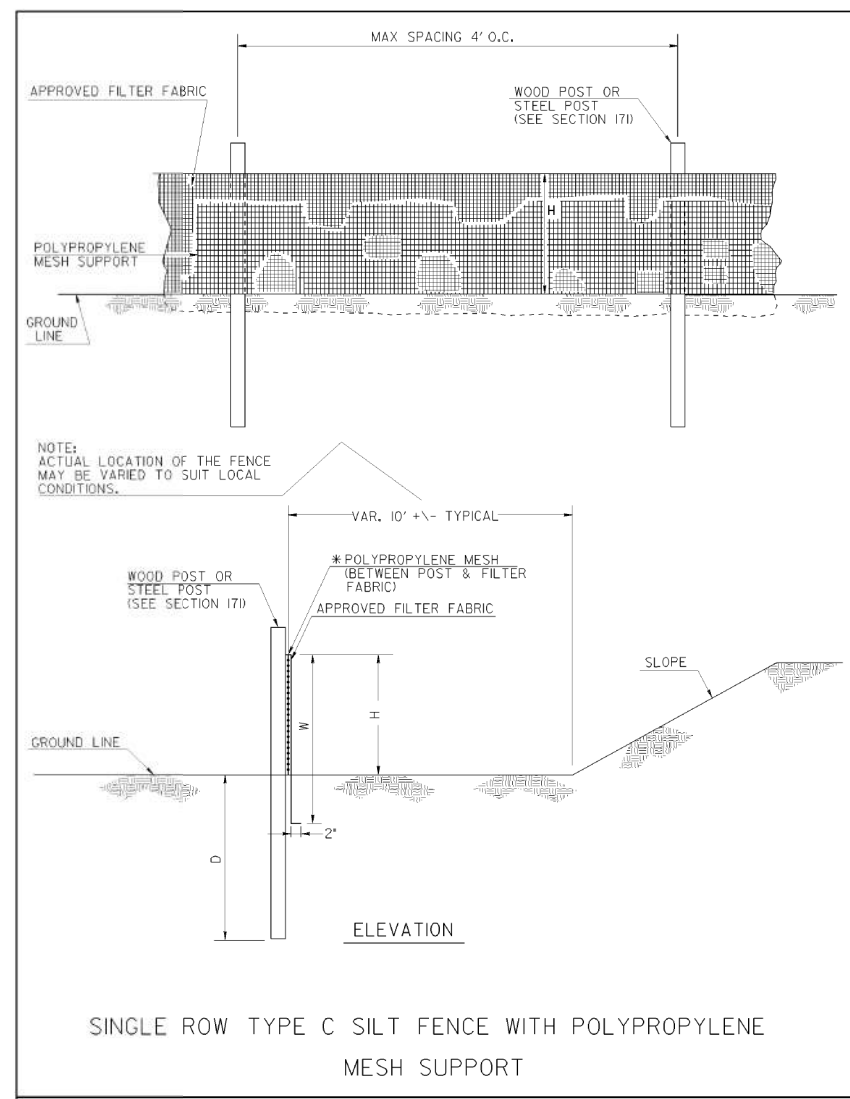
TOTAL DRAINAGE AREA = 35.24 SQUARE MILES



REVISION DATES	

WATERSHED MAP SITE MONITORING PLAN		
SR 42 @ I-85		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	55A-0001
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VERIFIED:	DATE:	

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

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

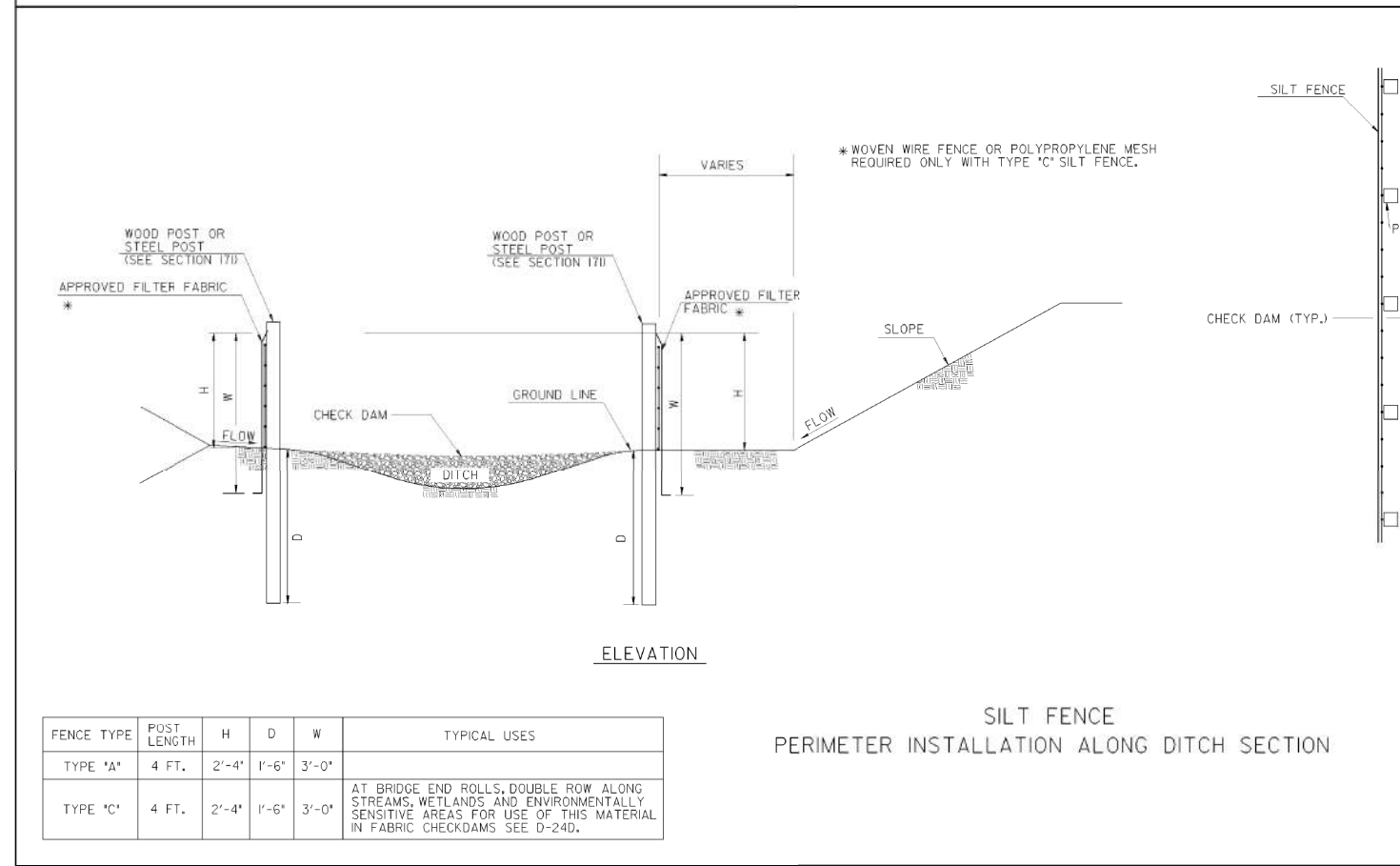
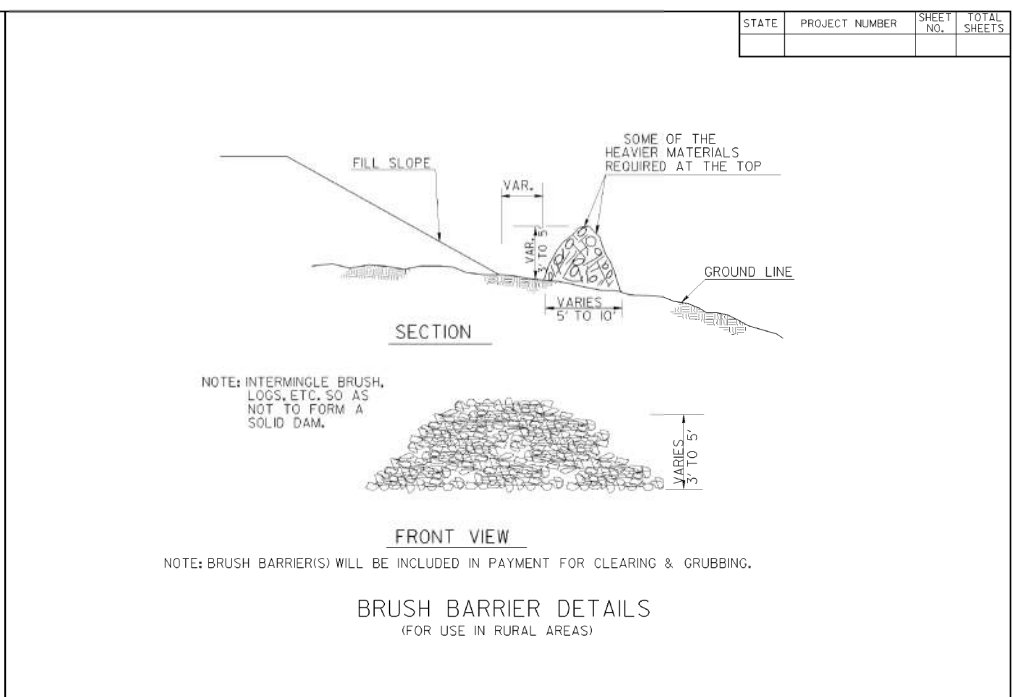
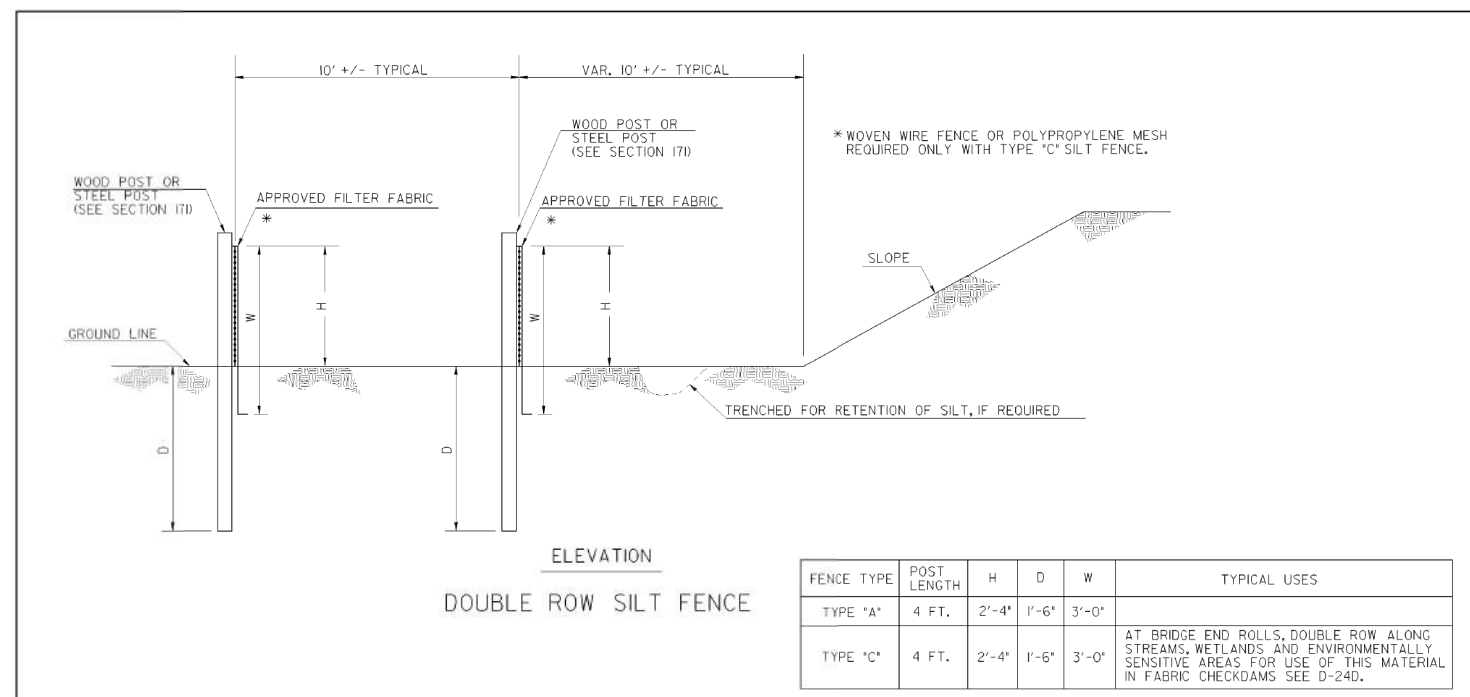
DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAILS	
BY		TEMPORARY SILT FENCE	
NO SCALE		REV. AND REDRAWN JAN. 2011	
		NUMBER D-24A (SHEET 1 OF 4)	

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REVISION DATES	
2/20/2023	

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VERIFIED:	DATE:	

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NOTE: TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.

DATE	REVISION	BY

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
TEMPORARY SILT FENCE
BERM DITCH, INSTALLATION, BRUSH BARRIER

NO SCALE REV. AND REDRAWN JAN. 2011

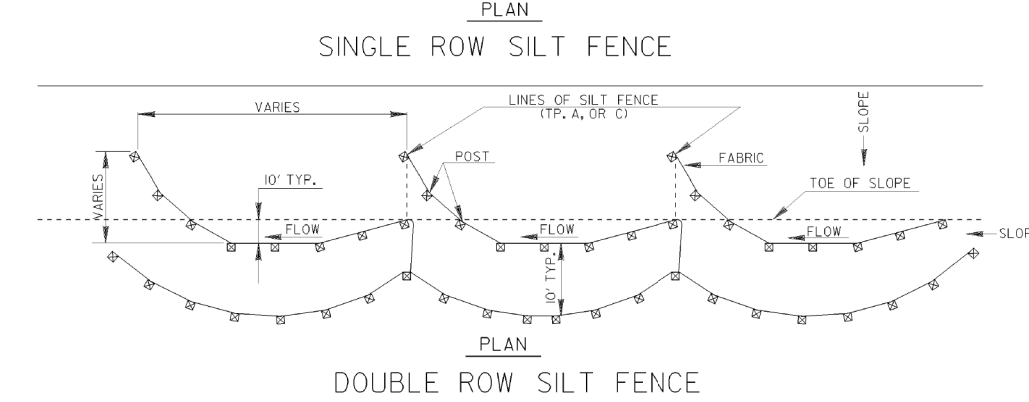
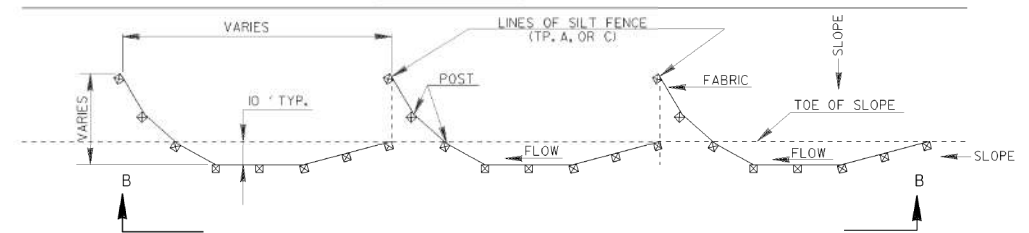
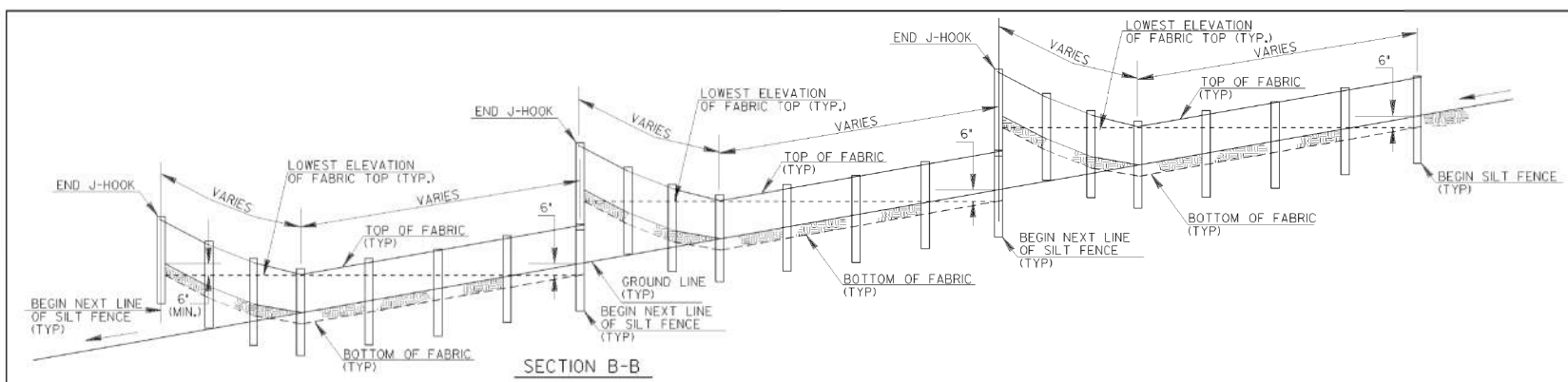
NUMBER
D-24B
(SHEET 2 OF 4)

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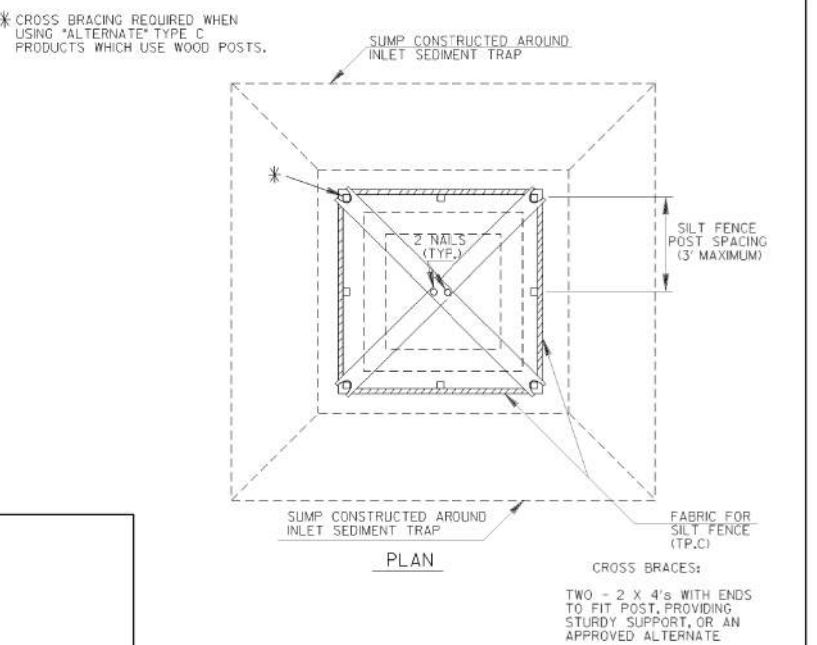
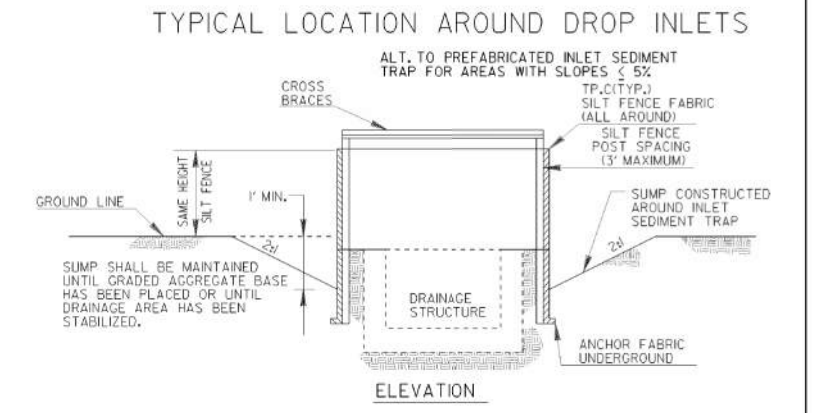
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TYPICAL J HOOK SPACING		
SLOPE PERCENT	TYPE OF SILT FENCE	MINIMUM SPACING (FEET)
1% TO 2%	TYPE A	100' ±
2% TO 3%	TYPE A	50' ±
3% TO 4%	TYPE C	50' ±
4% TO 5%	TYPE C	25' ±

- NOTE:
- IF THE GRADE IS BETWEEN 0 TO 1 PERCENT, THE SILT FENCE SHALL BE PLACED ACROSS THE DITCH.
 - TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



- NOTE: PAYMENT AS INLET SEDIMENT TRAP PER EACH.
- NOTE: SEE SEPARATE SHEET ENTITLED 'TEMPORARY SILT FENCE DETAILS' FOR SILT FENCE ERECTION DETAILS.

NOTE: THE DRAINAGE AREA ENTERING THE INLET SEDIMENT TRAP SHALL BE NO GREATER THAN ONE ACRE.

TYPICAL CONSTRUCTION SEQUENCE FOR INLET SEDIMENT TRAP ALTERNATE

- EXCAVATE APPROXIMATELY 4' TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
- PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
- SLIDE THE FILTER OVER THE FRAME.
- FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
- BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.

NOTE: INLET SEDIMENT TRAP ALTERNATE SHALL BE AS APPROVED BY THE GA.D.O.T. OFFICE OF MATERIALS & RESEARCH. DETAILS & SPECIFICATIONS NOT SHOWN ARE PER THE MANUFACTURER'S REQUIREMENTS.

(PLASTIC ALTERNATE)

NON-WOVEN FILTER COVER (SEC. 881.2.05)

1/4" MIN. THICK HIGH DENSITY POLYETHYLENE FRAME (OR APPROVED ALTERNATE)

BASE OF FRAME SHAPED & SIZED TO FIT INLET TOP

SIDE VIEW

(METAL ALTERNATE)

2'-0" OF 24" CMP OR SMOOTH STEEL WITH 2" MIN. DIA. HOLES AT RANDOM PATTERN AT 6" MAX. SPACING (HOLES MAY BE TORCHED)

1/4" THICK METAL PLATE TO FIT D.I.

SIDE VIEW

TOP VIEW

NOTE: WHERE INLET SEDIMENT TRAPS ARE SPECIFIED, EITHER THE PLASTIC ALTERNATE (LEFT) OR THE METAL ALTERNATE (RIGHT) MAY BE USED AS APPROVED BY THE ENGINEER.

NOTE: INLET SEDIMENT TRAP AND INLET TO BE BUILT CONTINUOUS WITH PIPE

NOTE: PAYMENT AS INLET SEDIMENT TRAP PER EACH

NOTE: SEE SEPARATE DETAILS FOR SILT FENCE AROUND DROP INLETS.

INLET SEDIMENT TRAP - FOR DROP INLETS

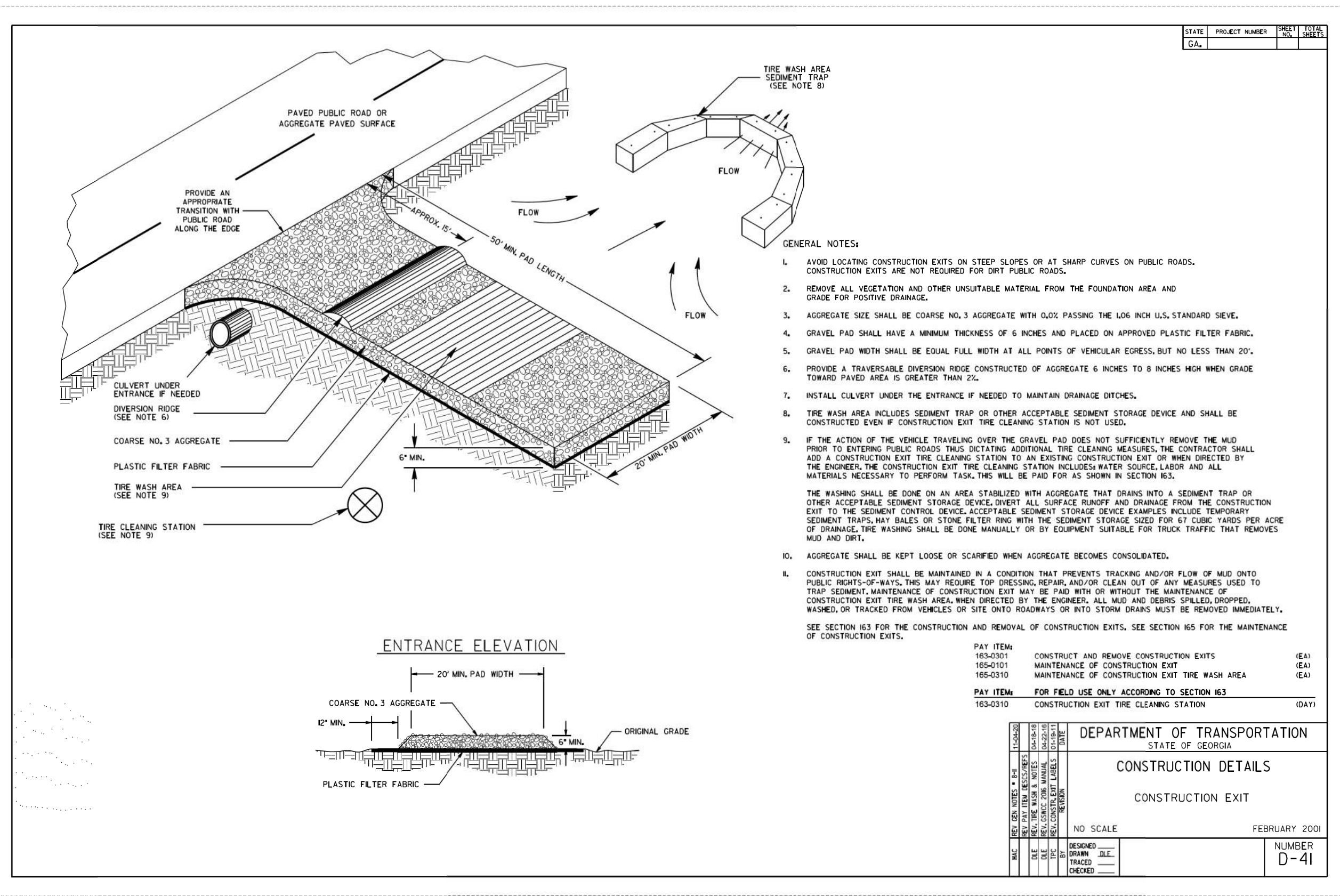
DATE		REVISION		BY	
DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA					
CONSTRUCTION DETAILS TEMPORARY SILT FENCE J-HOOK, INLET SEDIMENT TRAPS					
NO SCALE				JANUARY 2011	
				NUMBER D-24C (SHEET 3 OF 4)	

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REVISION DATES	
2/20/2023	

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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

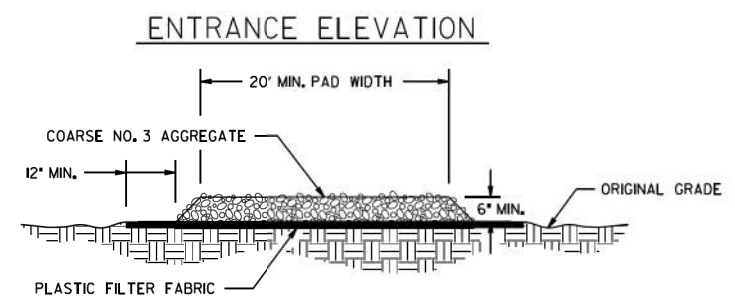


GENERAL NOTES:

1. AVOID LOCATING CONSTRUCTION EXITS ON STEEP SLOPES OR AT SHARP CURVES ON PUBLIC ROADS. CONSTRUCTION EXITS ARE NOT REQUIRED FOR DIRT PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE COARSE NO. 3 AGGREGATE WITH 0.0% PASSING THE 1.06 INCH U.S. STANDARD SIEVE.
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES AND PLACED ON APPROVED PLASTIC FILTER FABRIC.
5. GRAVEL PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. PROVIDE A TRAVERSABLE DIVERSION RIDGE CONSTRUCTED OF AGGREGATE 6 INCHES TO 8 INCHES HIGH WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL CULVERT UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. TIRE WASH AREA INCLUDES SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE AND SHALL BE CONSTRUCTED EVEN IF CONSTRUCTION EXIT TIRE CLEANING STATION IS NOT USED.
9. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD PRIOR TO ENTERING PUBLIC ROADS THUS DICTATING ADDITIONAL TIRE CLEANING MEASURES, THE CONTRACTOR SHALL ADD A CONSTRUCTION EXIT TIRE CLEANING STATION TO AN EXISTING CONSTRUCTION EXIT OR WHEN DIRECTED BY THE ENGINEER, THE CONSTRUCTION EXIT TIRE CLEANING STATION INCLUDES: WATER SOURCE, LABOR AND ALL MATERIALS NECESSARY TO PERFORM TASK. THIS WILL BE PAID FOR AS SHOWN IN SECTION I63.

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

SEE SECTION I63 FOR THE CONSTRUCTION AND REMOVAL OF CONSTRUCTION EXITS. SEE SECTION I65 FOR THE MAINTENANCE OF CONSTRUCTION EXITS.



PAY ITEM:

163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXITS	(EA)
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	(EA)
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA	(EA)

PAY ITEM: FOR FIELD USE ONLY ACCORDING TO SECTION I63

163-0310	CONSTRUCTION EXIT TIRE CLEANING STATION	(DAY)
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REV. GEN. NOTES # B-J		11-04-20
REV. PAY ITEM	DESCR./REFS	DATE
DLE	REV. TIRE WASH & NOTES	04-18-18
DLE	REV. GSICC 2016 MANUAL	04-22-18
TFC	REV. CONSTR. EXIT LABELS	01-19-11
BY	REVISION	DATE
DESIGNED	DLE	
DRAWN	DLE	
TRACED		
CHECKED		

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

CONSTRUCTION EXIT

NO SCALE

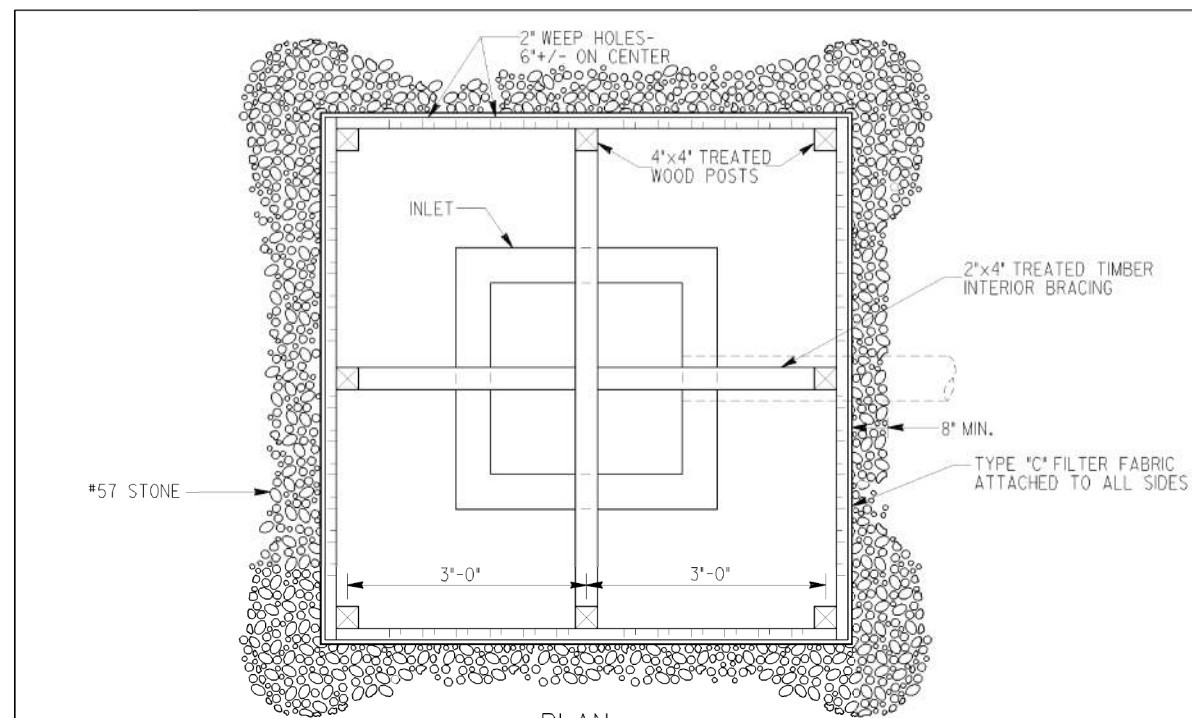
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NUMBER
D-41

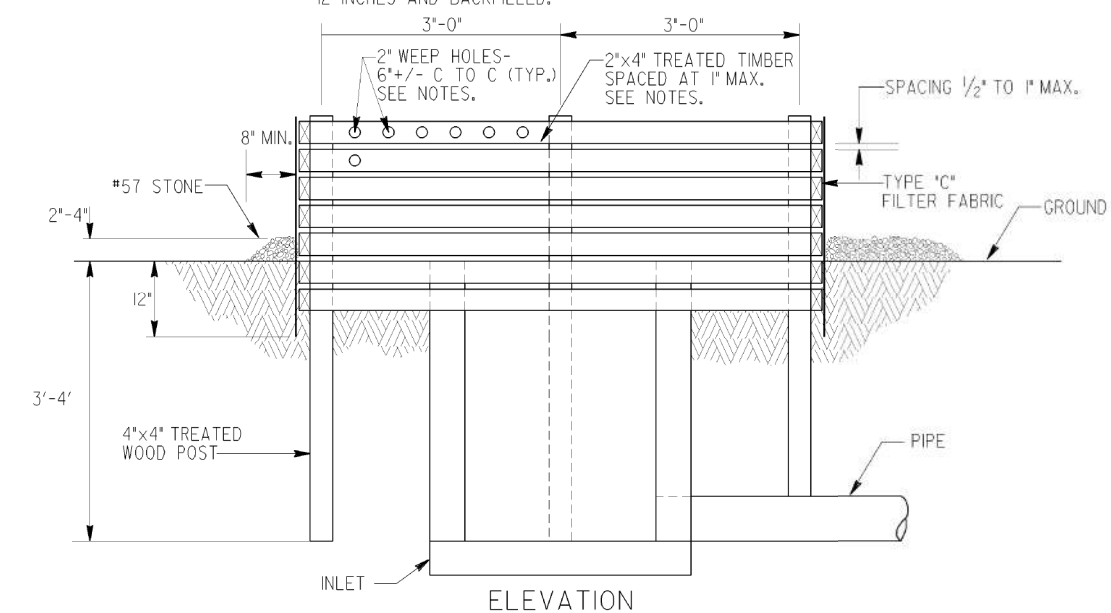
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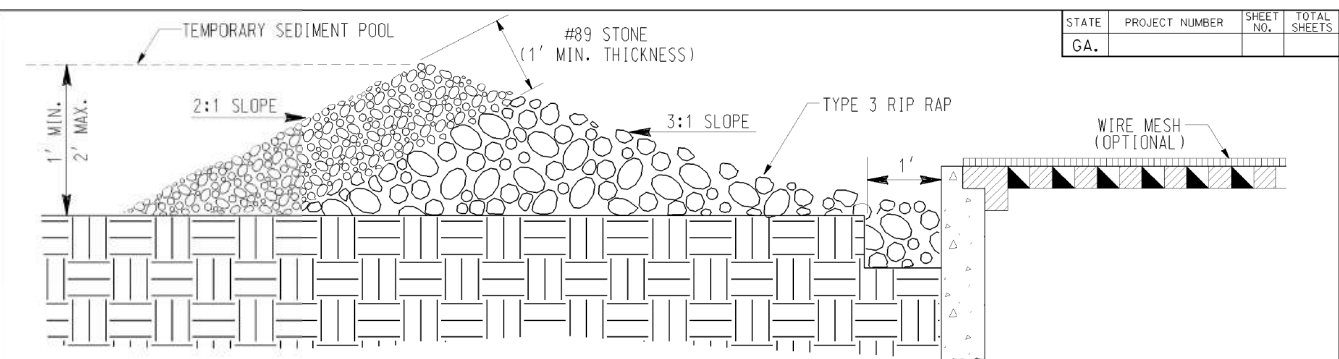
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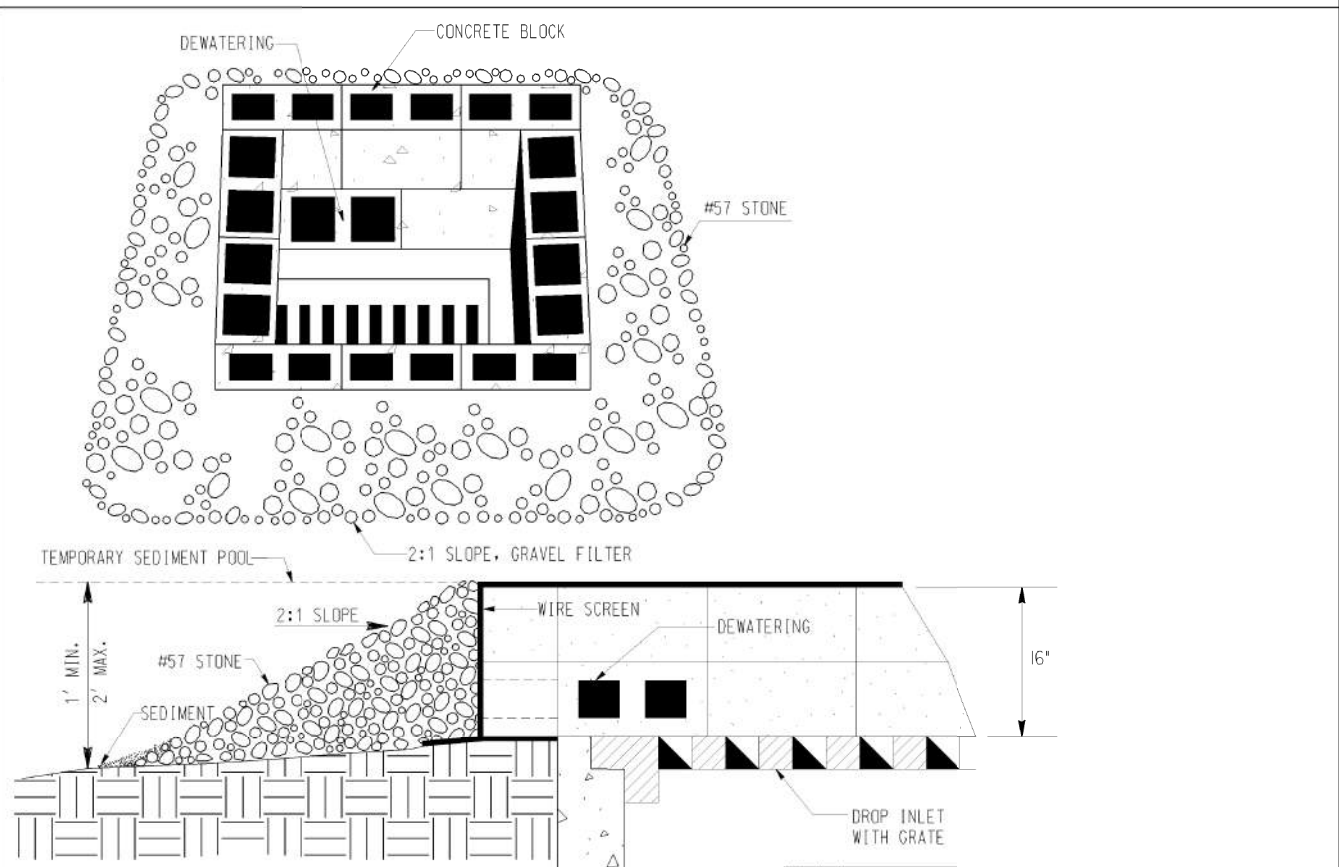
NOTES:
 BAFFLE BOX SHALL BE CONSTRUCTED OF 2"x4" TREATED TIMBER SPACED A MAXIMUM OF 1" APART OR OF PLYWOOD WITH WEEP HOLES 2" IN DIAMETER PLACED APPROXIMATELY 6" ON CENTER VERTICALLY AND HORIZONTALLY.
 GRAVEL SHALL BE PLACED OUTSIDE THE BOX, ALL AROUND THE INLET, TO A DEPTH OF 2 TO 4 INCHES. THE ENTIRE BOX SHALL BE WRAPPED IN TYPE "C" FILTER FABRIC THAT SHALL BE ENTRENCHED 12 INCHES AND BACKFILLED.



BAFFLE BOX (Sd2-B)



GRAVEL DROP INLET PROTECTION (GRAVEL DONUT) Sd2-G



BLOCK & GRAVEL DROP INLET PROTECTION (Sd2-Bg)

BASIS OF PAYMENT:
 CONSTRUCT AND REMOVE INLET SEDIMENT TRAP _____ EACH

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

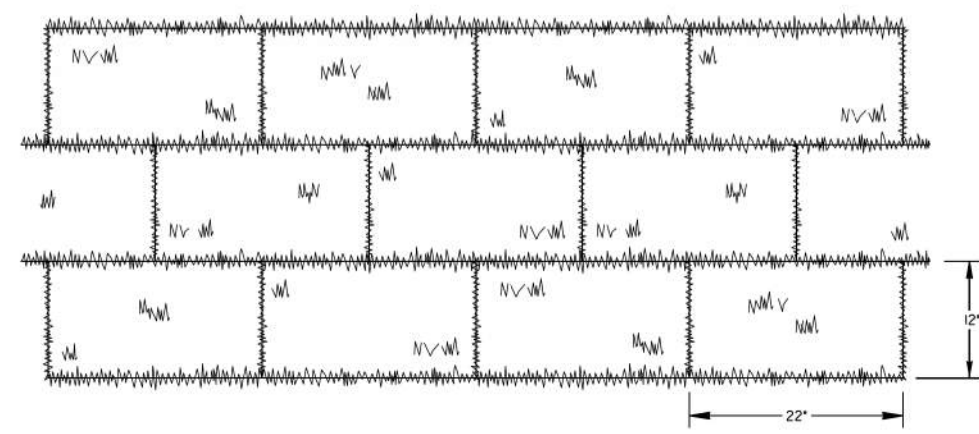
DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAIL INLET SEDIMENT TRAPS BAFFLE BOX Sd2-B BLOCK AND GRAVEL DROP INLET PROTECTION Sd2-Bg GRAVEL DROP INLET PROTECTION Sd2-G NO SCALE	
BY		MAY 2008 NUMBER D-42	

REVISION DATES	
2/20/2023	

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BACKCHECKED:	DATE:	56A-0005
CORRECTED:	DATE:	
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STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

SOD LAYOUT

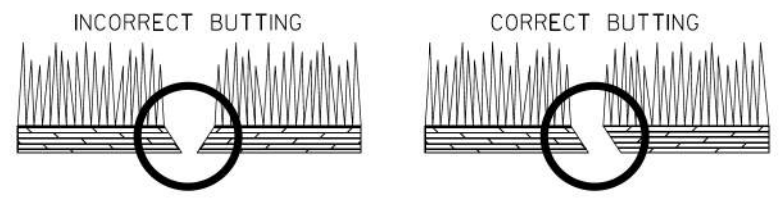


NOTE: SOD MAY BE EITHER 12" WIDE BY 22" LONG BLOCKS OR 2" WIDE BY 52" LONG ROLLS.

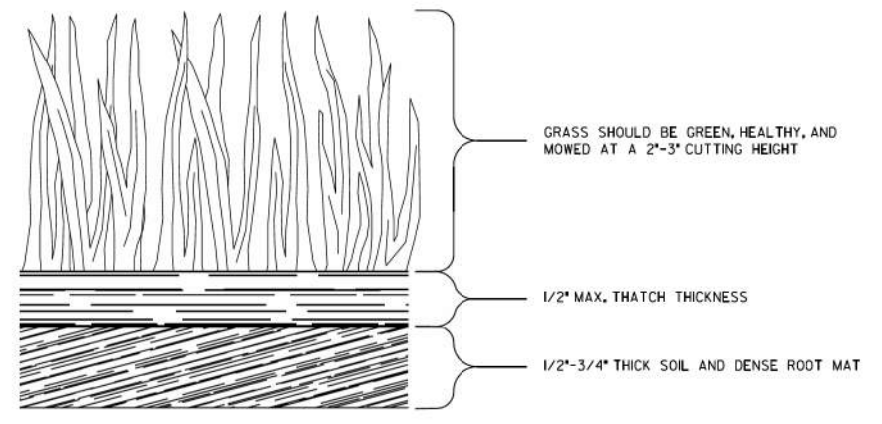
GENERAL NOTES:

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

ABUTTING SOD



SOD APPEARANCE



PAY ITEM:
700-9300 SOD (SY)

DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
REVISION	CONSTRUCTION DETAILS SOD INSTALLATION
NO SCALE	4-22-2016
DESIGNED	NUMBER D-54
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TRACED	
CHECKED	

REVISION DATES	
2/20/2023	

CHECKED:	DATE:	DRAWING No.
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VERIFIED:	DATE:	

PI#: 0016054
February 28, 2024



Jeffrey W. Cown, Director

Watershed Protection Branch
2 Martin Luther King, Jr. Drive
Suite 1470A, East Tower
Atlanta, Georgia 30334
404-463-1511

February 28, 2024

Infrastructure Consulting Engineering
Roadway Design
4940 Peachtree Industrial Blvd.
Suite 310
Norcross, Georgia 30071
Attention: Christopher Thompson, P.E.

Re: ES&PC Plan Review
PI Number:
Project Name:
DeKalb County – Initial Review

Dear Mr. Thompson:

In accordance with the General NPDES Permit No. GAR100002 for Storm Water Discharges Associated with Construction Activities for Infrastructure Projects, issued by the Georgia Environmental Protection Division in August 2018, this ES&PC Plan received December 4, 2023 has been reviewed for deficiencies in the identification of waters of the state, NPDES permit requirements, and potential encroachment of land disturbing activities within 25 feet immediately adjacent to the banks of waters of the state where vegetation has been wrested by normal stream flow and/or wave action.

EPD reviews the ES&PC Plan for deficiencies using the applicable checklist established by the State Soil and Water Conservation Commission. This letter addresses any deficiencies found with the submitted Plan. The primary permittee shall make the required changes to the Plan and resubmit to EPD. Failure to incorporate the required changes, per the permit, and maintain the latest version of the Plan on the project site will constitute non-compliance with the permit.

EPD personnel have not been to the project site prior to the date of this letter. Therefore, the plan review is based solely on information provided on the ES&PC plan and any supporting documents submitted to EPD. Based upon this plan review, EPD has determined the following:

- (1) The project **does not** have deficiencies in the identification of waters of the state.
- (2) The project **will not** require a stream buffer variance from the EPD.
- (3) The project **does** have deficiencies in NPDES permit requirements.

Checklist item #33/43: The station number for 1 up is not consistent

- a. From cross referencing - station number for 1 up is not consistent on the sampling table with what is shown on the drainage area map.

PI#: 0016054
February 28, 2024

The station/offsets will be revised to be labeled consistently throughout ESPCP for outfall 1. However, the station for sampling location 1 UP is labeled correctly and is not the same as the location for outfall 1. The plans are proposing a receiving water sampling for North Fork Peachtree Creek instead of outfall sampling for outfalls 1 and 2.

- b. Checklist item #33/44: Please provide an electronic file with readable column for the drainage in square miles on the sampling table to cross check with the watershed map (55-series).
Will update sampling table to have readable columns.
- c. Checklist item #43/49: The drainage area calculations are not consistent with what is shown on the sediment storage table.
The drainage areas listed in sediment storage table and 53 series will be verified and revised to be consistent.
- d. Checklist MISC: On the intermediate phase (54-series) - it does not seem like there is any riprap at any of the end pipes – is that supposed to be that way? Please advise.
Rip Rap was shown in final phase, it will be moved to the intermediate phase and shown already constructed in the following phases.

****Please Note:** A Request of Signature Certification Cover letter needs returned with comments feedback and revised plans on your company letterhead and accompany – an example:

I, (insert name), certify that the revised ES&PC Plan has been reviewed by myself (a Level II certified design professional other than the preparer of the plan) to ensure that the deficiencies noted in the review letter have been addressed.

EPD reserves the right to change this determination if information that conflicts with the original submittal is obtained during a later site inspection. **It is not necessary to resubmit the plan for review. Ensure the corrections are made and submit a copy of the revised sheet(s) in pdf format to me via email. If there are any unforeseen impacts that may occur with correcting the requested deficiencies, please notify the reviewer immediately to discuss.**

If you have any questions or need additional information, please do not hesitate to contact me at (678) 218-2943 or via e-mail at ra-jendra-hunter@dnr.ga.gov.

Sincerely,

Rá-Jendra C. Hunter
Rá-Jendra C. Hunter
Environmental Specialist
Erosion and Sedimentation Control Unit

cc: Tyler McIntosh, I.C.E.