

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:

- A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit
- · A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit
- A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.

Additional submittals may include the following, if applicable:

- Appropriate Section 404 documentation from U.S. Army Corps of Engineers
- Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction
- Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements
- · Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

MSR1	0	_			_
NUMBER TO BE	ASSIGN	ED	BY	STA	TE)

ADDITION TO THE	OWNED -	PRIME CONTRACTOR		
APPLICANT IS THE:	V OWNER _	JI KINE CONTRACTOR		
	OWNER CON	TACT INFORMATION		
OWNER CONTACT PERSON	Kevin Hahn			
OWNER COMPANY LEGAL	NAME: Southern Sta	ates Utility Trailer Sales, Inc.		
OWNER STREET OR P.O. BO	X: 550 U.S. Fronta	age Road		
OWNER CITY: Richland		STATE: MS	ZIP: 392	18
OWNER PHONE #: (601)6	13-1660	OWNER EMAIL: khahn@ssutilit	y.com	
		OR CONTACT INFORMATIO		
		:		
PRIME CONTRACTOR STRE	ET OR P.O. BOX:		ZID.	
PRIME CONTRACTOR CITY	:	STATE:	ZIP:	
PRIME CONTRACTOR PHO	NE #: ()	PRIME CONTRACTOR EMAIL:_		
	FACILITY	SITE INFORMATION		
FACILITY SITE NAME: New	Building and Site Expan	sion		
FACILITY SITE NAME: New Building and Site Expansion FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)				
CTREET. 550 U.S. From	tage Road	* *		
CITY: Richland	STATE: MS	COUNTY: Rankin	ZIP:	39218
EACH ITY SITE TRIDAL IA	ND ID (N/A If not anni	icable): NA		
LATITUDE: 32 degrees 14 minutes 17 seconds LONGITUDE: 90 degrees 9 minutes 50 seconds				
LAT & LONG DATA SOURC	E (GPS (Please GPS Project	Entrance/Start Point) or Map Interpolation):		
TOTAL ACREAGE THAT W	ILL BE DISTURBED 1	ı: <u>+/-</u> 7.2		
IS THIS PART OF A LARGE			YES \square	NO 🗵
IF YES, NAME OF LARGER AND PERMIT COVER	COMMON PLAN OF AGE NUMBER: MSR1	DEVELOPMENT:		
ESTIMATED CONSTRUCTION	ON PROJECT START	DATE:	2020-08-01	-
			2021-08-01	
ESTIMATED CONSTRUCTI			YYYY-MM-DD	ī
DESCRIPTION OF CONSTRUCTION ACTIVITY: Building construction, grading, and utility installation.				
PROPOSED DESCRIPTION Truck Trailer Storage	OF PROPERTY USE A	AFTER CONSTRUCTION HAS BEE	N COMPLETED:	
SIC Code	NAICS Code			

NEAREST NAMED RECEIVING STREAM: Richland Creek					
IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nst/page/TWB_Total_Maximum_Daily_Load_Section)					
HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT?	YES□	NO☑			
ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES YES \square NO \square WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY?					
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): SWPPP Attached					
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?	YES□	NO☑			
IF YES, INDICATE THE TYPE OF FLOCCULANT. ANIONIC POLYACRYLING OTHER					
IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATAND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE?	TION OF INTR YES □	ODUCTION NO			

 $^{^{1}}$ Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LC	NOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?	YES 🗆	NO ☑		
IF YE	S, CHECK ALL THAT APPLY: AIR HAZARDOUS WASTE	□ PRETREATMEN			
	□ WATER STATE OPERATING □ INDIVIDUAL NPDES	□ OTHER:			
IS TH OF A	E PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANC NY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch f	CE YES 🗆	NO □		
IF TH DOCU	E PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PRUMENTATION THAT:	OVIDE APPROPRIAT	E		
•	The project has been approved by individual permit, or				
•	The work will be covered by a nationwide permit and NO NOTIFICATION to the	Corps is required, or			
•	The work will be covered by a nationwide or general permit and NOTIFICATION	to the Corps is required	L		
IS A L (If yes	IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.)				
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.					
Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.					
	Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date:)				
	Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.				
	Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.				
INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:					
City of Richland					

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Applicant¹ (owner or prime contractor)

Date Signed

KEVIN HAHN

CFO

Printed Name¹

Title

¹This application shall be signed as follows:

- For a corporation, by a responsible corporate officer.
- · For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.

For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

Please submit the LCNOI form to:

Chief, Environmental Permits Division

MS Department of Environmental Quality, Office of Pollution Control

P.O. Box 2261

Jackson, Mississippi 39225

Storm Water Pollution Prevention Plan

For

SOUTHERN STATES UTILITY TRAILER SALES, INC.

Located in Richland, Mississippi

Prepared By:

BENCHMARK ENGINEERING & SURVEYING, LLC

101 Highpointe Court, Suite B Brandon, MS 39042 Office 601-591-1077 660 Katherine Drive, Suite 302 Flowood, MS 39232 Office 601-627-7780

www.benchmarkms.net

Site Information

Southern States Utility Trailer Sales is working on a site expansion that will include a new building along with more trailer parking. The site is located in Richland, MS just South of Southern State's existing location. The total disturbed area is +/- 7.2 acres. The existing topography of the land consists of flat, slow sloping wetlands with elevations ranging around 267'/268' and a base flood elevation of 272'. In this case it is simply not feasible to fill areas with enough material in order for some kind of retention/detention to be implemented. In order to treat and contain the post construction storm water runoff, grassed swales are being implemented. Approximately 2,314 linear feet of grassed swale will be used. According to the Geotechnical report provided by Burns Cooley Dennis, Inc. for the site, the ground surface was found to be underlain with silty clays. According to the Soil Survey, the soils primarily consist of Tippo silt loam, with some Gillsburg silt loam and Guyton Silt Loam. All three of these soil types have a slow surface runoff, a low shrink-swell potential, and a slight erosion hazard.

Vegetative Controls

Topsoil will be stockpiled on site for future use in landscaping. All cut slopes will be at or below a 3:1 slope and 3:1 cut slopes will be disked prior to seeding. Any disturbed areas that will be left undisturbed for fourteen or more days will be seeded with temporary seeding immediately. After final grading, all disturbed areas that are thought to remain undisturbed for fourteen or more days will be seeded with permanent seeding or landscaped per the landscaping plans immediately. The temporary seeding species will be determined by the time of year it is to be installed. Disturbed areas that are to be revegetated shall avoid soil compaction.

Structural Controls

Upslope waters will be diverted around disturbed areas if at all possible. Rip-rap will be placed at all new culvert inlet/outlet locations. Silt fence will be installed along the toe of all slopes where work will disturb upstream areas. Additional fencing will be added as necessary to control sediment per the phase of the construction. Wattles or other approved inlet protection devices will be installed at all upstream ends of storm drain pipes. Wattles will be installed in the centerline of graded ditches until such time as they can be removed.

Housekeeping Practices

An equipment/materials staging area will be constructed at a location determined by the contractor only if the Contractor has a need for this area. Such area shall be surrounded with silt fencing. A suitable container for trash will be provided. Portable sanitary facilities will be provided for the construction workers. A concrete washout area will be provided at a location determined by the contractor. All major equipment maintenance and repair will be done offsite. In the event that minor equipment maintenance and repair is required onsite, it will be performed in the equipment/materials staging area. Refueling of equipment will take place in the equipment/materials staging area. Portable sanitary facilities will be inspected weekly and emptied or replaced as needed. The equipment/materials staging area will be inspected weekly and after storm events; perimeter controls, containment structures and covers will be repaired or replaced as needed.

Post Construction/Storm Water Management Measures

Hay bales, wattles or rip-rap will be placed at concentrated storm water discharge points to prevent erosion from high velocities until permanent ground cover is established. Permanent rip-rap will be placed at concentrated storm water discharge points at locations shown on the plans to prevent erosion from high runoff velocities. Silt fence will be placed as shown on the plans as a minimum and additionally as necessary to impede silt laden runoff from leaving the site. A permanent ditch liner will be placed in the graded ditch that drains to the retention basin as shown on the plans.

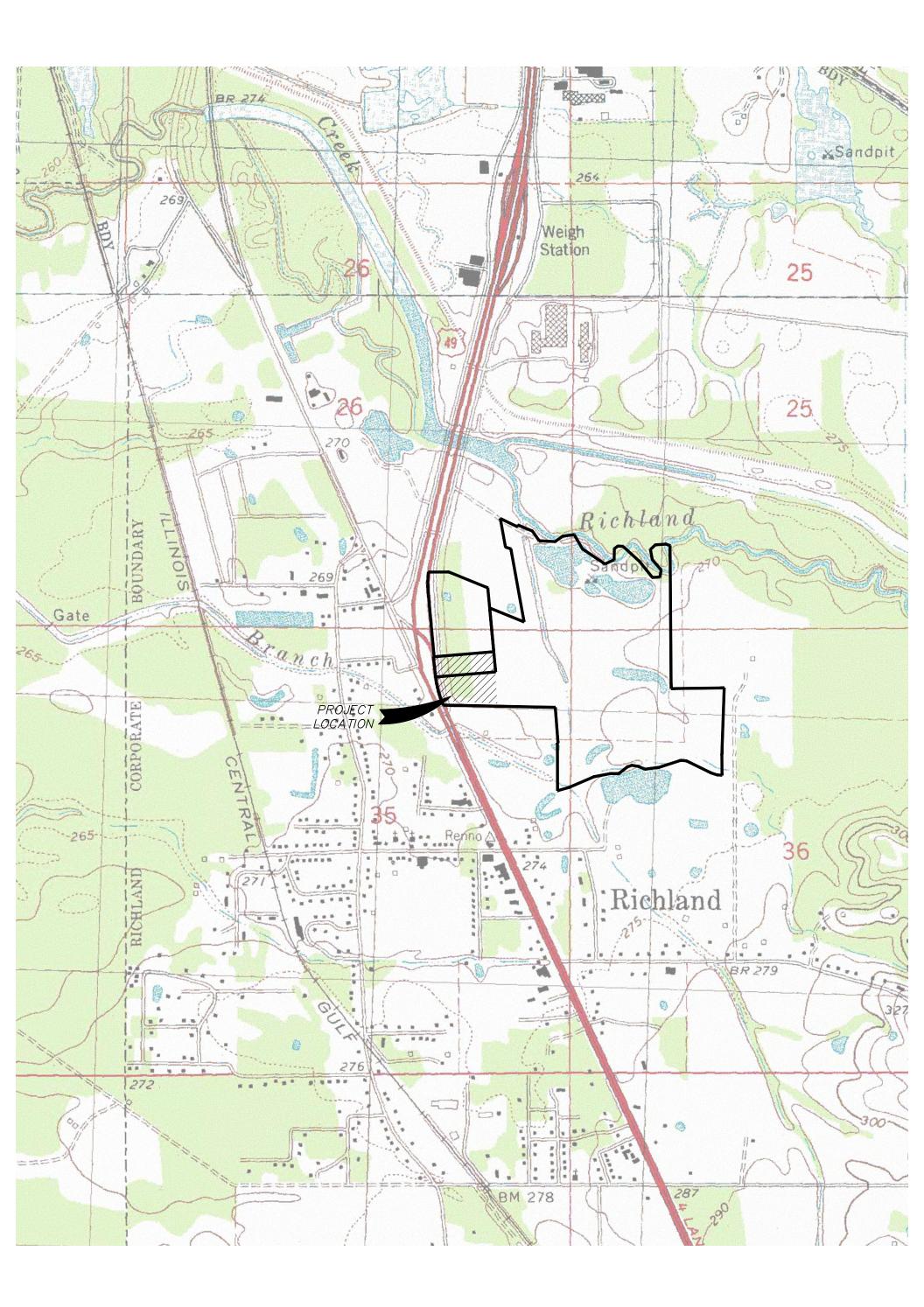
Implementation Sequence

- 1. Install sanitary facilities and trash containers.
- 2. Set up equipment and materials staging area if needed by the contractor for project.
- 3. Begin demolition operations.
- 4. Install silt fencing along the downstream boundary of any areas that will be disturbed.
- 5. Begin grading operations to get the project site to rough grade. Place additional temporary measures as required during the grading operations to control runoff.
- Begin installing site improvements such as storm drain, water & sewer lines, etc.
- 7. Complete building pad and begin paving operations.
- 8. Fine grade the remainder of the disturbed areas of the site.
- 9. Stabilize the project site with solid sod and permanent seed & mulch, see plans for sod/seeding limits, and install any other permanent erosion control measures that may not be in place.

10. Remove all temporary erosion control measures in drainage basins once improvements req'd. In these plans has been completed and areas disturbed during installation of such has been stabilized within said basin with 90% vegetative cover.

Maintenance Plan

Check all disturbed areas, erosion and sediment controls after each rainfall that produces a discharge, but not less than once per week. Make needed repairs within 24 hours or as soon as conditions allow. Remove sediment from the silt fences when accumulated sediment has reached 50% capacity. Replace non-functional silt fence. Maintain all vegetated areas to provide proper ground cover – reseed, fertilize and mulch. Remove all temporary erosion control measures in drainage basin once improvements required in the construction plans have been completed and areas disturbed during installation of such has been stabilized within said basin with 90% vegetative cover.





MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Sandy Spot

Severely Eroded Spot

Saline Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Rankin County, Mississippi Survey Area Data: Version 16, Jun 3, 2020

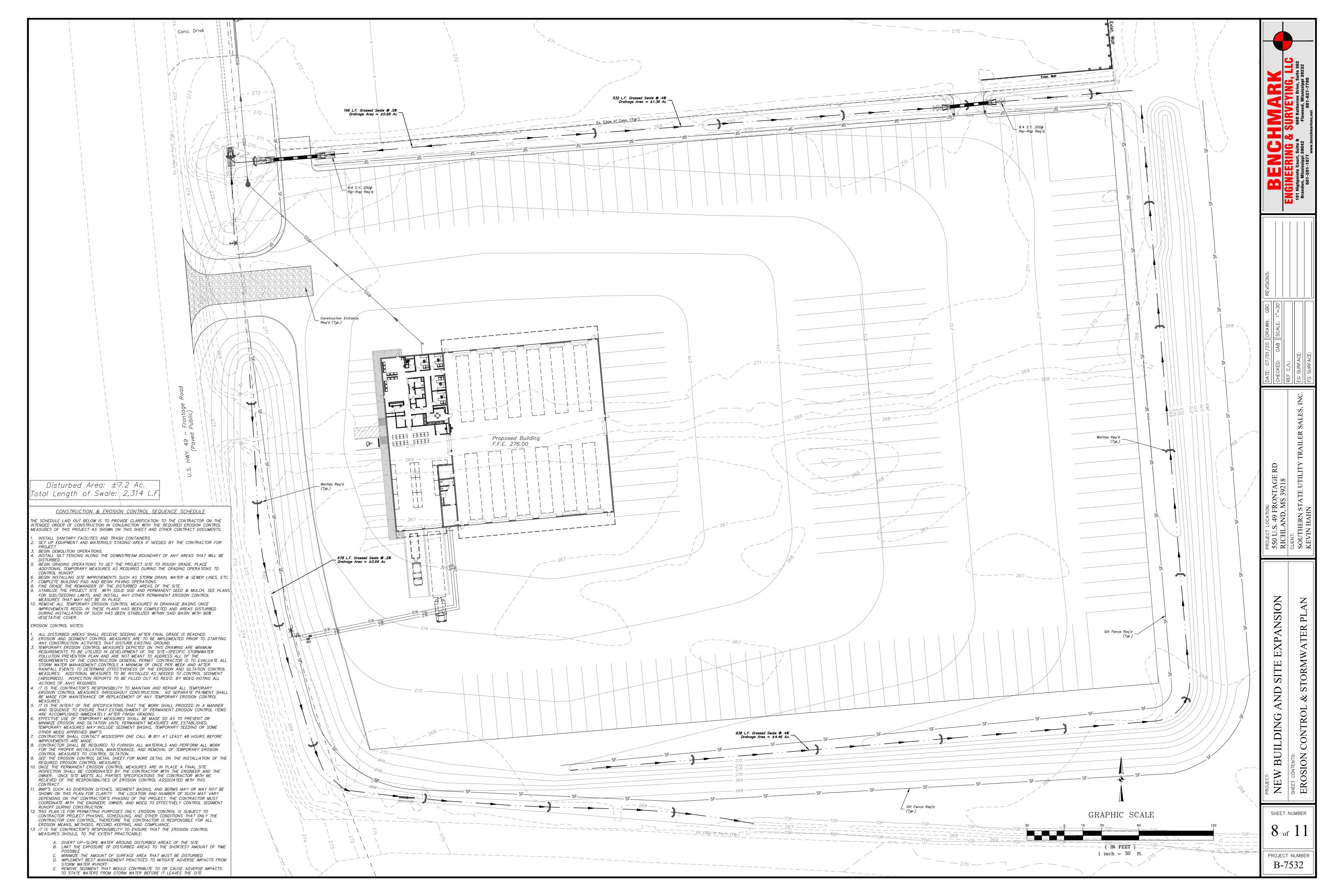
Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

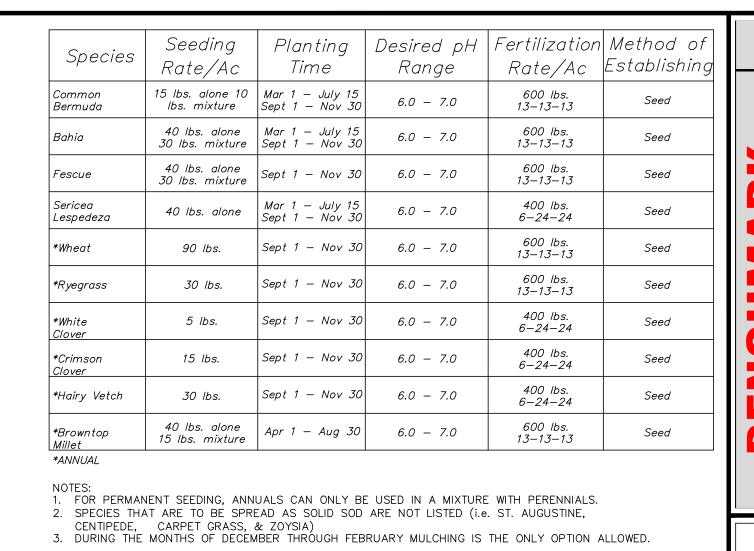
Date(s) aerial images were photographed: Dec 3, 2018—Jan 21, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

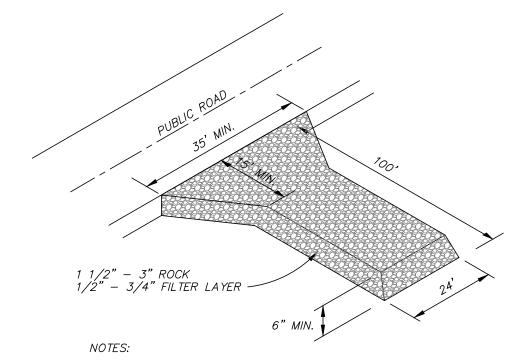
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
5	Gillsburg silt loam, 0 to 2 percent slopes, occasionally flooded	0.2	1.5%
22A	Tippo silt loam, 0 to 2 percent slopes, occasionally flooded	9.6	94.4%
23	Guyton silt loam, 0 to 1 percent slopes, occasionally flooded	0.4	4.1%
Totals for Area of Interest	,	10.2	100.0%



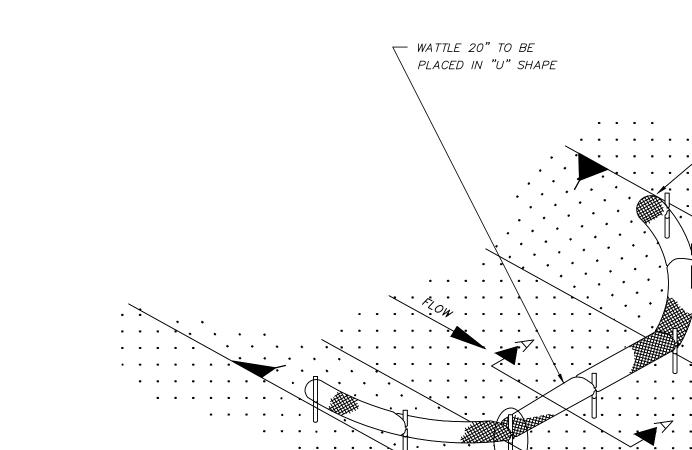


GENERAL RECOMMENDATIONS FOR TEMPORARY/PERMANENT SEEDING



- 1. VEHICLE TRACKING MAT SHALL BE LOCATED AT EVERY ENTRANCE/EXIT TO THE
- CONSTRUCTION SITE. 2. VEHICLE TRACKING MAT SHALL BE MAINTAINED BY CONTRACTOR AS NEEDED TO
- PREVENT ANY MATERIAL FROM BEING TRACKED ONTO CITY STREET. 3. SEDIMENT AND OTHER MATERIAL SPILLED, DROPPED OR TRACKED ONTO CITY
- STREET SHALL BE IMMEDIATELY REMOVED BY CONTRACTOR. 4. DIMENSIONS SHOWN ABOVE ARE TYPICAL IF CONDITIONS ALLOW. ANY REVISIONS TO DIMENSIONS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

TEMPORARY CONSTRUCTION ENTRANCE DETAIL



DITCH

ВОТТОМ —

— SEE ELEVATION DETAIL FOR HEIGHT OF WATTLE ENDS WOOD STAKE AT TOE OF SLOPE, BOTH SIDES -

NOTE: END POINTS "A" MUST BE HIGHER

THAN FLOWLINE POINT "B"

ELEVATION DETAIL

-PREFABRICATED MATERIAL ATTACHED

- COMPACTED BACKFILL

TYPE II MATERIAL REQUIREMENTS.

3/4" FOR WOODEN STAKES.

1. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN

2. STEEL POSTS SHALL BE 4' (MIN.) IN HEIGHT AND OF

3. FENCE SHALL BE FASTENED WITH NOT LESS THAN 9

GAGE STAPLES 1" LONG FOR WOODEN POSTS AND

COMPACTED BACKFILL

FABRIC MATERIAL

ANCHORED IN TRENCH

- APPROXIMATE 6" X 6" TRENCH

HE SELF FASTENER ANGLE`STEÉL TYPE.

4. ALLOW A 6" OVERLAP OF FABRIC AT JOINTS.

_STEEL T-POST

RUNOFF

WIDTH AND SHALL BE WIRE BACKED OR MEET MDOT

TO STEEL T-POSTS

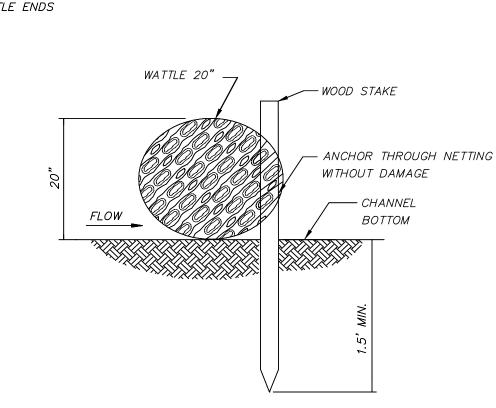
← 6' MAX. ← ►

SILT FENCE DETAIL

FABRIC MATERIAL ATTACHED TO STEEL

T-POSTS

SILT FENCE DETAILS



SECTION A-A

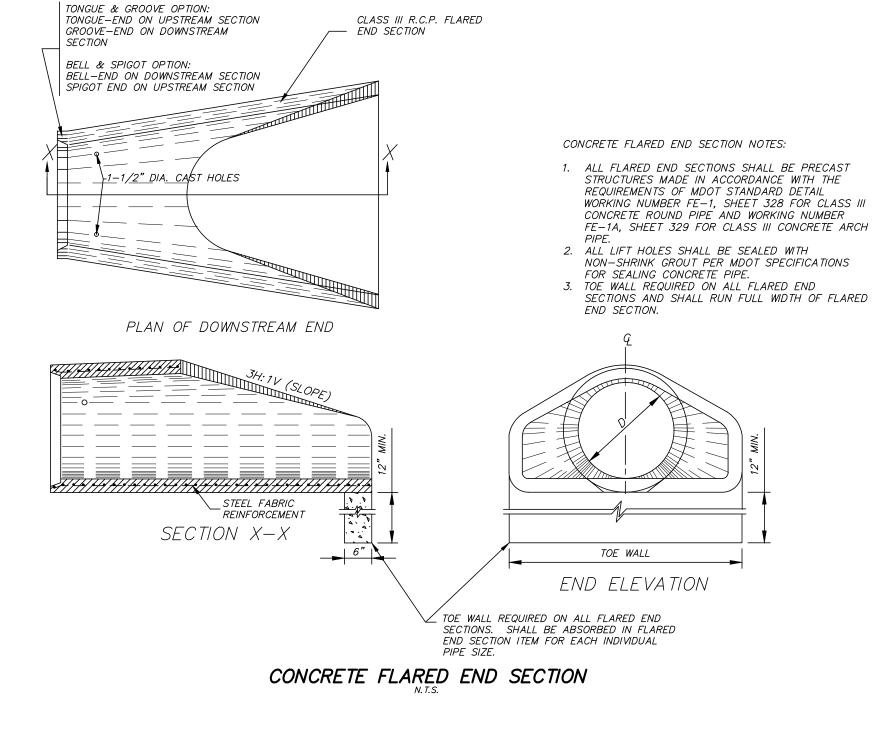
DETAIL (DITCH CHECK)

- 1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4
- 2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
- 3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
- 4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT

WATTLE DITCH CHECK SELECTION GUIDELINES

TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.



ROCK LINER FILTER FABRIC

PLAN

RIP-RAP ROCK BLANKET (AS-

∼RIP-RAP w/ FILTER FABRIC, SIZE AS

SPECIFIED ON PLAN)

KEYED INTO RIPRAP

TEMPORARY WATTLE INLET PROTECTION _

UPSTREAM END DURING CONSTRUCTION

CHECKS STAKED AS REQ'D. BY

MANUFACTURER REQUIRED ON

* SEE PLANS FOR DIMENSION FOR PIPES OVER 42"

RIP-RAP w/ FILTER - FABRIC, SIŹE AS REQUIRED PER DRAWINGS DOWNSTREAM ELEVATION REQUIRED PER DRAWINGS 1. RIP-RAP TREATMENT REQUIRED AT ALL CULVERTS UPSTREAM AND DOWNSTREAM ENDS. 2. RIP-RAP TREATMENT ON UPSTREAM AND DOWNSTREAM ENDS SHALL TOTALLY SURROUND CULVERT TO A MINIMUM OF 12" ABOVE THE TOP OF 3. SEE CHART FOR DIMENSIONS FOR D & W UNLESS OTHERWISE SHOWN ON

4. EROSION CONTROL BLANKETS OR OTHER MEANS FOR PROTECTION MAY

6. RIP-RAP DIMENSIONS SHOWN ON THE SCHEDULE ARE TYPICAL AND MAY

-AND WIDTH IF APPLICABLE 6" MIN.

TYPICAL RIP-RAP TREATMENT DIMENSIONS

42" | 12 | 8

30"

5 4

8 5

10 6 10 7

TYPE V FILTER FABRIC BETWEEN RIPRAP SOILS

TYPICAL RIP-RAP SECTION AT STORM DRAIN CULVERT

BE ADJUSTED BY ENGINEER AT NO COST TO THE OWNER. CULVERT RIP-RAP OUTLET PROTECTION

BE USED WITH APPROVAL OF ENGINEER.

5. RIP-RAP WILL BE PAID FOR BY THE SQUARE YARD.

THE DRAWINGS.

WATTLE DITCH CHECK

SITE EROSION BUILDIN DRAIN SHEET NUMBER

550
RIC
CLIEN
SOU

XPANSION

DETAIL

PROJECT NUMBER B-7532