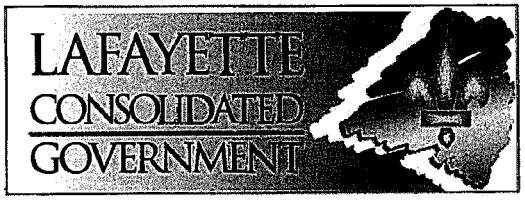
KIDDER ROAD BRIDGE REPLACEMENT PROJECT

For

Lafayette City-Parish Consolidated Government
Lafayette, Louisiana



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DEPARTMENT OF PUBLIC WORKS
CAPITAL IMPROVEMENT AND DEVELOPMENT DIVISION
Lafayette, Louisiana

STATE OF LOUISIANA
RONALD B. DESORMEAUX III
License No. 32170
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
11-15-2011

Prepared By
DOMINGUE SZABO
& ASSOCIATES, INCORPORATED
CONSULTING ENGINEERS & LAND SURVEYORS
Lafayette, Louisiana

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PROJECT DESCRIPTION

KIDDER ROAD BRIDGE REPLACEMENT PROJECT

The project consists of the removal and replacement of an existing timber bridge at Kidder Road in Lafayette Parish, LA. The existing bridge and timber pilings have deteriorated and are being replaced in this project with a precast concrete bridge and prestressed, precast concrete pilings.

The bank of the stream crossing beneath the bridge, Bayou Carencro, Lateral 1, will be shaped and protected using articulating block mat. The existing slope is steep and/or bulkheaded, and considered less stable than desirable, especially due to its proximity to the bridge and approach slab.

The River bottom beneath the proposed bridge will also be protected by installation of riprap to help prevent scour beneath the articulating block mat.

Other improvements include new subsurface drainage piping and inlets to further facilitate drainage to the stream and minimize erosion.

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PROPOSED SITE PLAN
FOR
KIDDER ROAD BRIDGE
REPLACEMENT
Lafayette Parish, LA

Scale: 1"=30' Date: 11/15/2011

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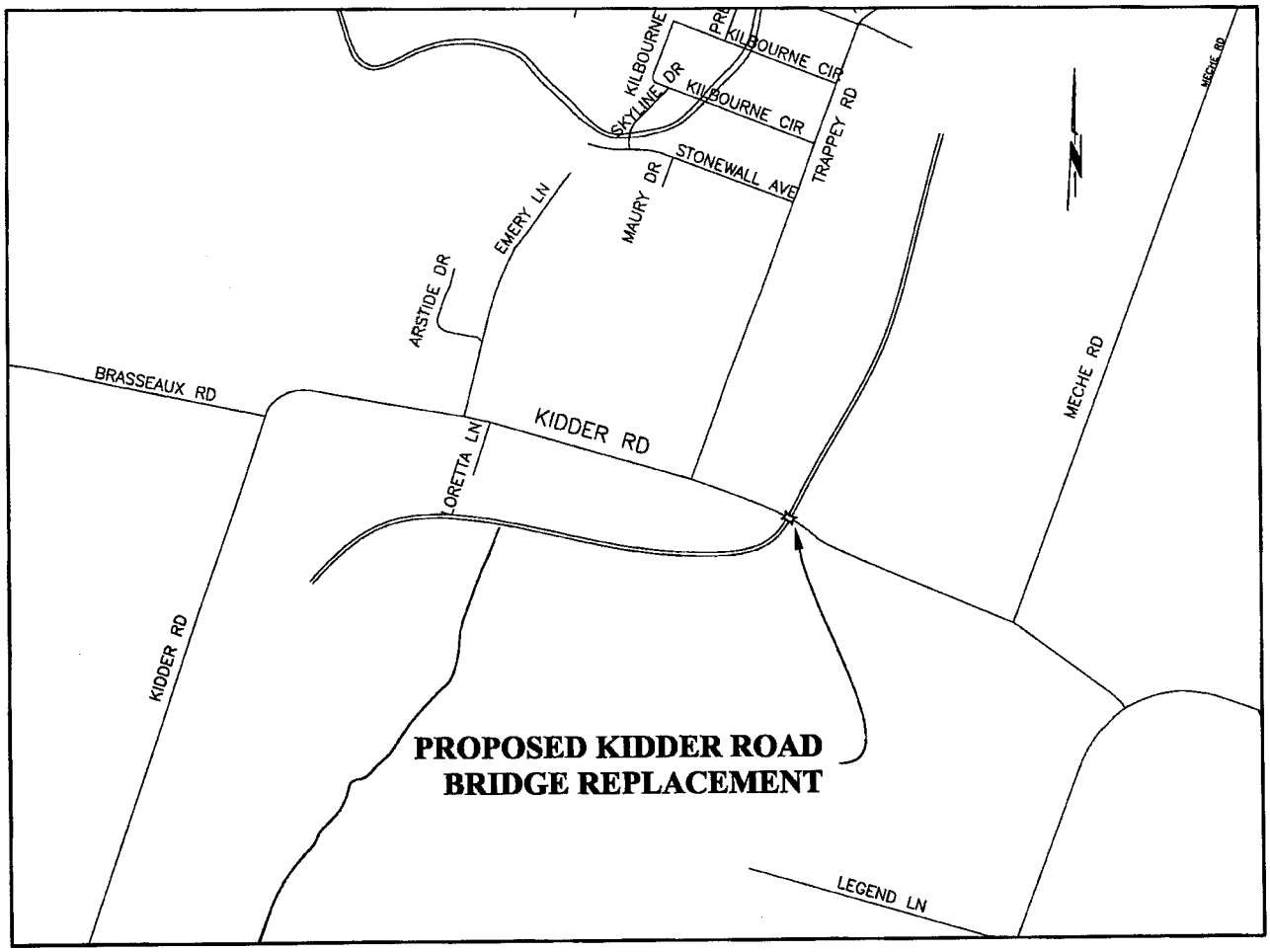
PROPOSED KIDDER RD.
BRIDGE REPLACMENT

VICINITY MAP
SCALE: 1"=1 MILE



PROJECT LOCATION MAP
FOR
KIDDER ROAD BRIDGE REPLACEMENT

Lafayette Parish, LA
SCALE: 1"=1000' 11/15/2011

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NOTES:
1. All structures, facilities, well and pipelines/flowlines shall be removed within 120 days of abandonment of the facilities for the herein permitted use. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.
2. All structures will be marked and lighted in accordance with U.S. Coast Guard regulations.
3. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P.O. Box 94275, Baton Rouge LA 70804 and to the Louisiana Department of Natural Resources, Coastal Management Division, P.O. Box 44487, Baton Rouge, LA 70804-4487.
4. Permittee shall contact Louisiana ONE CALL at 1-800-272-3020 forty-eight hours prior to excavation or demolition.

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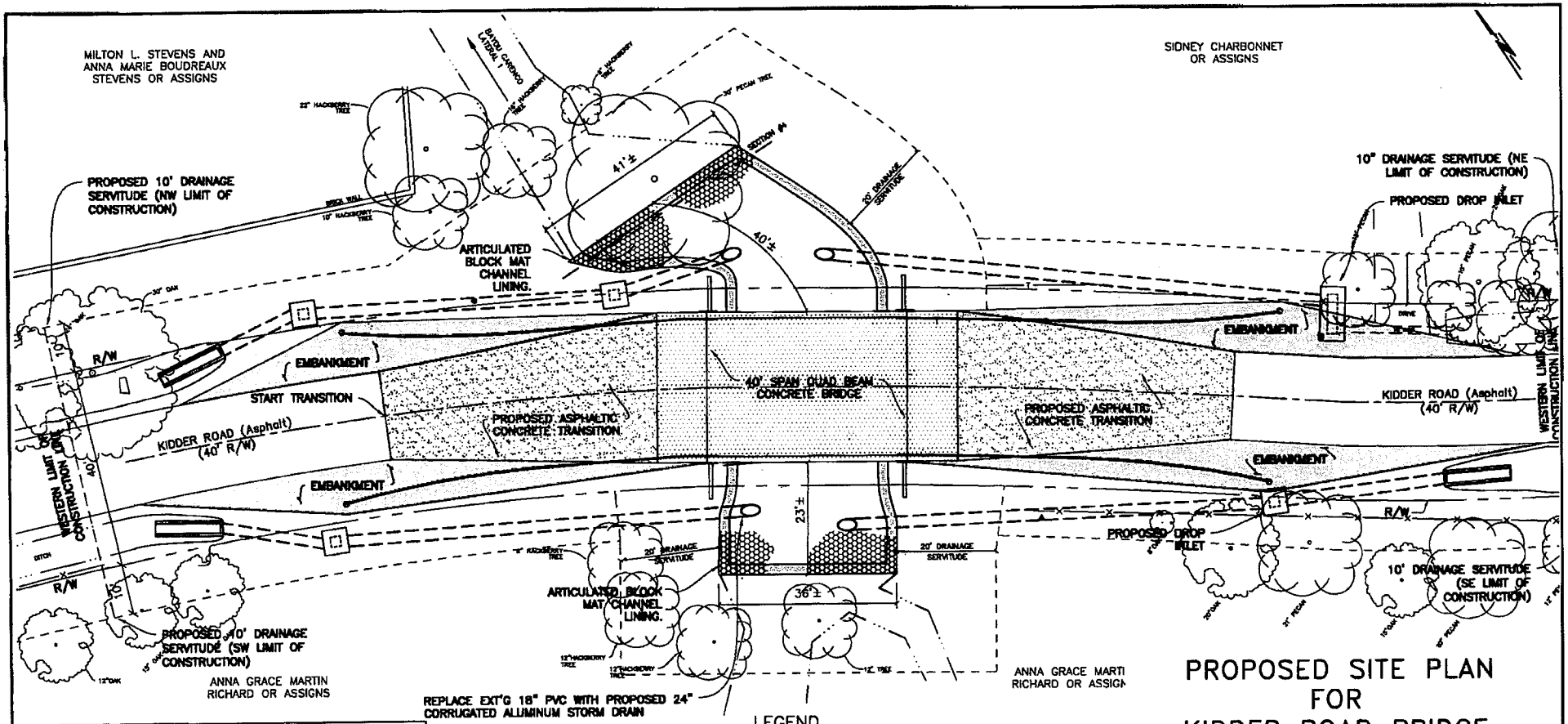

PROJECT LIMIT INFORMATION TABLE		
PROJECT LIMIT	NORTH COORD. (NAD 83) LA SOUTH 1702	EAST COORD. (NAD 83) LA SOUTH 1702
NORTHEAST LIMIT	675459.24	3065136.42
NORTHWEST LIMIT	675626.64	3064883.09
SOUTHWEST LIMIT	675571.49	3064859.47
SOUTHEAST LIMIT	675409.10	3065103.46

LEGEND

- RIGHT-OF-WAY
- COULEE OR DITCH BANK
- PROPOSED PROJECT LIMIT LINE
- PROPOSED 10' DRAINAGE SERVITUDE LINE
- PROPOSED BRIDGE DECK
- PROPOSED APPROACH SLAB
- PROPOSED ASPHALTIC CONCRETE TRANSITION PAVEMENT
- PROPOSED 4" THICK ASPHALTIC PAVEMENT WIDENING

NOTES:

1. THIS DRAWING IS TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.
2. TOTAL PROJECT LENGTH = ±300'.
3. TOTAL ANTICIPATED ACREAGE TO BE IMPACTED = 0.522 ACRES.
4. ALL WORK ON THE SUBJECT PROPERTY WILL BE LIMITED TO WITHIN THE ROAD RIGHT-OF-WAY AND SERVITUDES AS SHOWN.

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Lafayette Parish, LA

Scale: 1"=30' Date: 11/15/2011

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Scale in Feet

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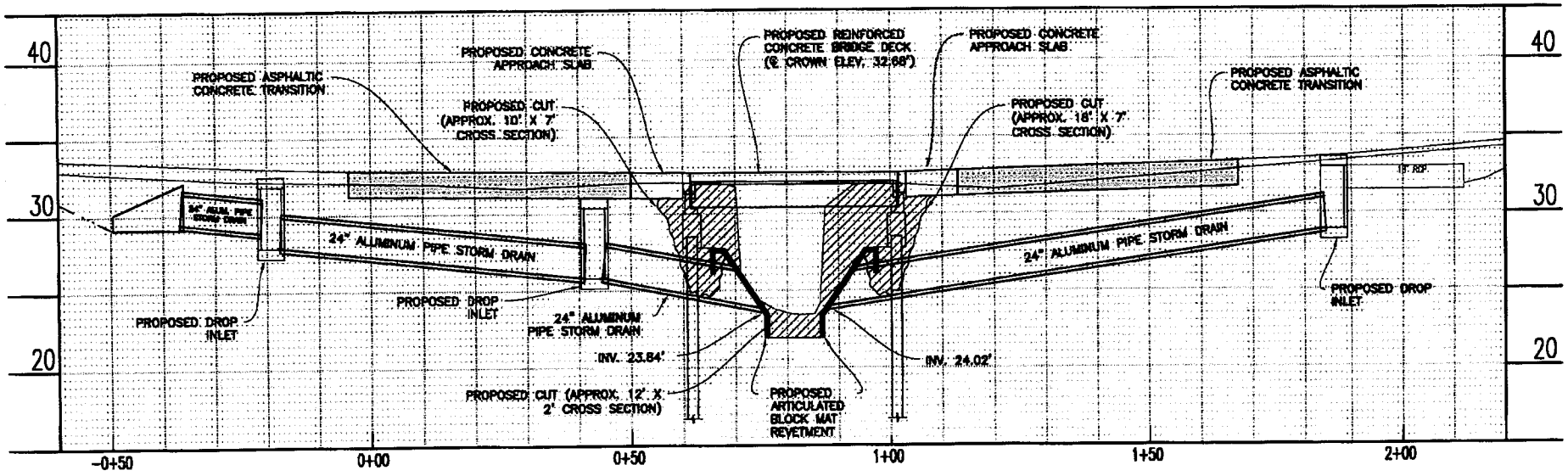

LEGEND

PROPOSED CUT SECTION

NOTES:
1. THIS DRAWING IS TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.
2. VERTICAL DATUM: NAVD 88.
3. TOTAL ANTICIPATED CUT VOLUME = 450 CU. YDS.
4. TOTAL ANTICIPATED FILL VOLUME PLACED IN CHANNEL (INCLUDING ALL EROSION CONTROL MATERIALS) = 115 CU. YDS.

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TYPICAL SECTION AT BRIDGE FOR KIDDER ROAD BRIDGE REPLACEMENT

Lafayette Parish, LA

Scale: 1"=30' (horiz.) 1"=10' (vert.) Date: 11/15/2011

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Scale in Feet

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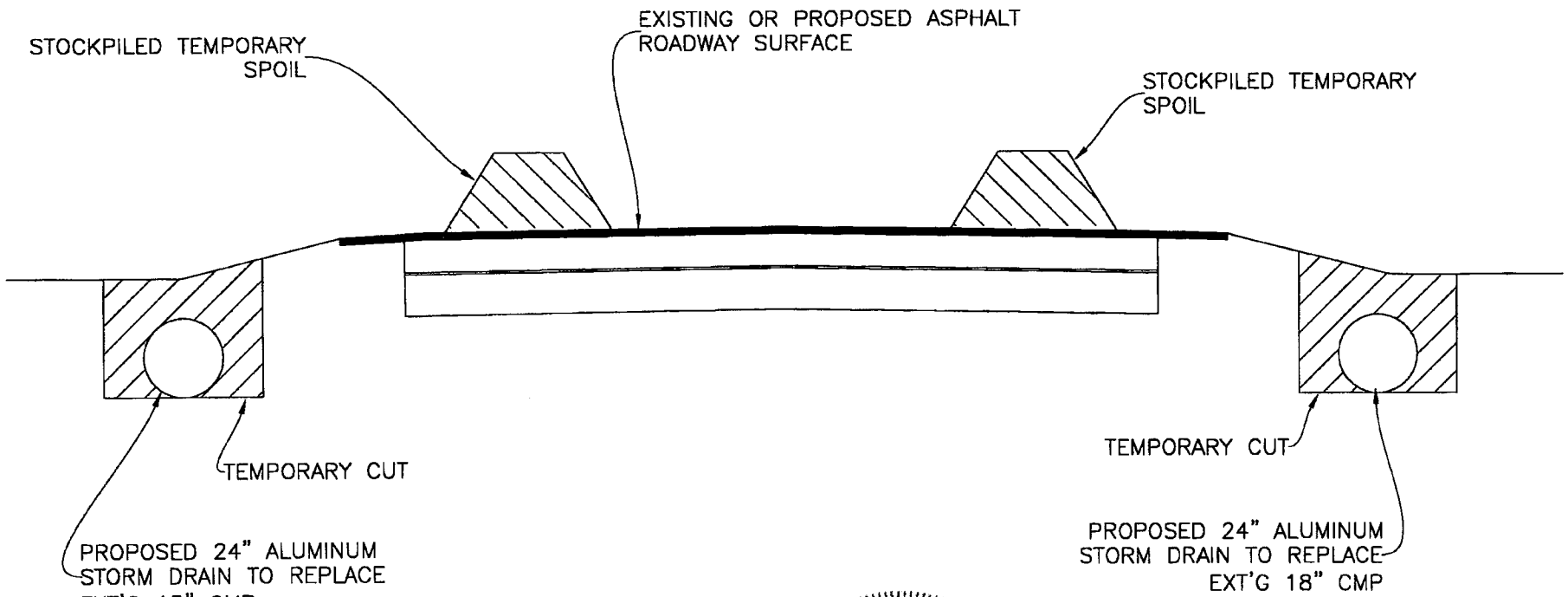

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TYPICAL ROADWAY SECTION FOR KIDDER ROAD BRIDGE REPLACEMENTS

Lafayette Parish, LA

Scale: 1/4"=1'-0" Date: 11/15/2011

NOTES:

1. ALL TEMPORARY SPOIL MATERIAL WILL BE STOCKPILED ON PAVED ROADWAY, WHICH WILL BE CLOSED TO TRAFFIC DURING BRIDGE CONSTRUCTION.
2. TOTAL ANTICIPATED TEMPORARY SPOIL = 85 CU. YDS.

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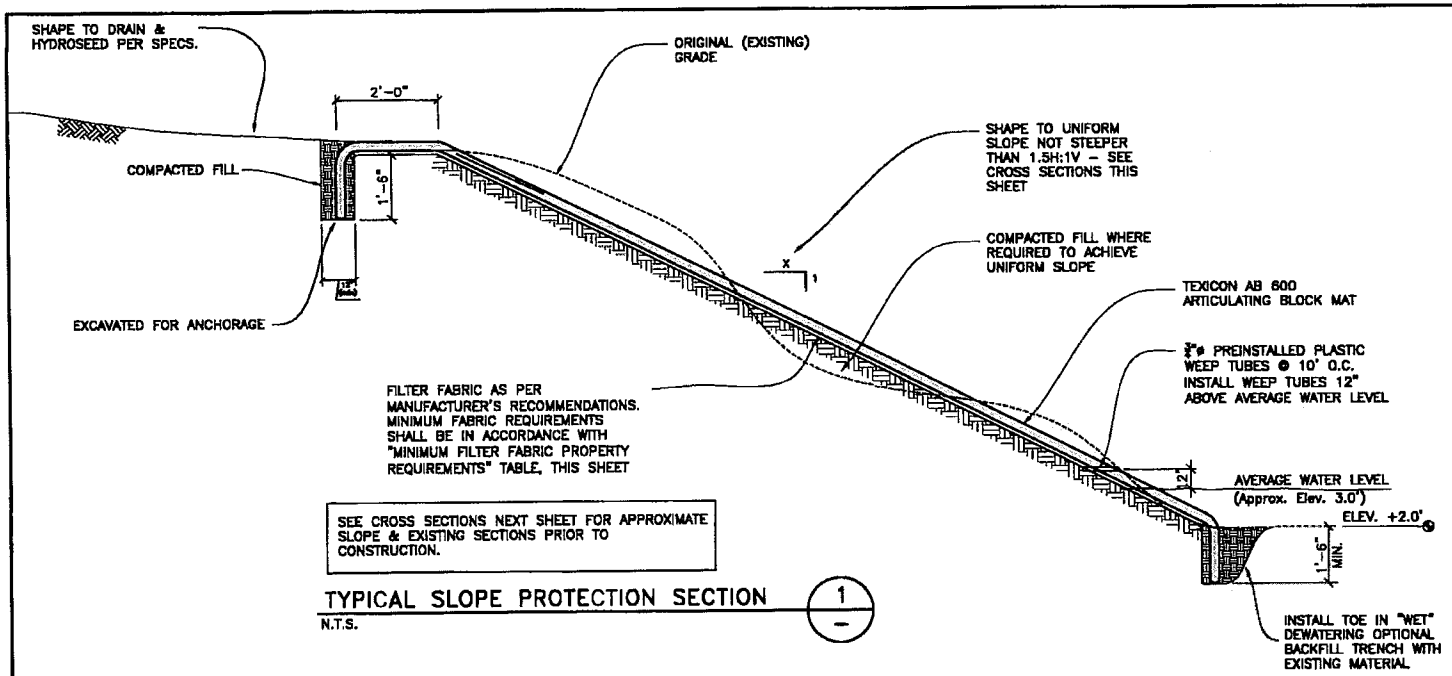
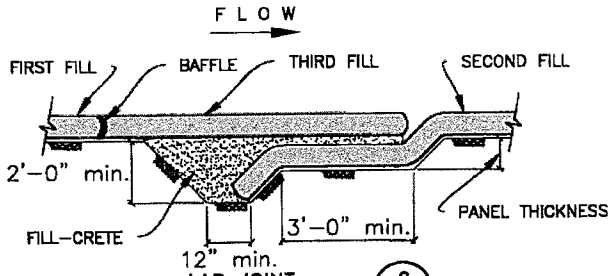


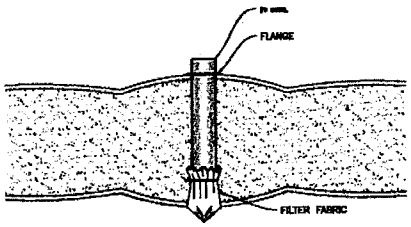
TYPICAL SLOPE PROTECTION SECTION 1

N.T.S.



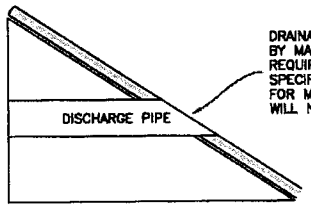
LAP JOINT 2

NOTE:
IF THE CONVENTIONAL JOINING OF PANELS, BY FIELD SEWING OF ADJACENT PANELS IS IMPRACTICAL OR IF SITE CONDITIONS OR PROJECT DESIGN PRECLUDE A CONTINUOUS LINING OR MAT, A LAP JOINT MAY BE EMPLOYED. ADJACENT PANELS MAY BE OVERLAPPED EITHER TRANSVERSE TO OR LONGITUDINAL TO THE INSTALLATION. IN ALL CASES, THE LAP MUST BE SHINGLED TO CORRESPOND WITH THE DIRECTION OF FLOW.



WEEP TUBE 3

N.T.S.



DRAINAGE PIPING IS TO BE MITERED BY MANUFACTURER PRIOR TO ANY REQUIRED COATING AS PER SPECIFICATIONS. FIELD CUTTING PIPE FOR MITERING AT ABM PENETRATIONS WILL NOT BE ALLOWED.

SECTION

NOTE:
FABRIC FORMS SHOULD BE TAILORED IN THE FIELD TO FIT AROUND PIPES, PILES, CULVERTS, TREES AND OTHER APPURTENANCES. AN OPENING SHOULD BE CUT IN THE FABRIC FORM THAT IS SLIGHTLY SMALLER THAN THE OBJECT AND THE PERIMETER OF THE OPENING IS SEWN CLOSED. WHEN THE FABRIC FORM PANEL IS PLACED, THE TAILORED OPENING IS EITHER SLID OVER OR WRAPPED AROUND THE OBJECT. AS FINE AGGREGATE CONCRETE IS PUMPED INTO THE SECTION OF THE PANEL WITH THE TAILORED OPENING, IT WILL FORM SNUGLY AROUND THE OBJECT.

DISCHARGE PIPE PASSING THROUGH MAT 4

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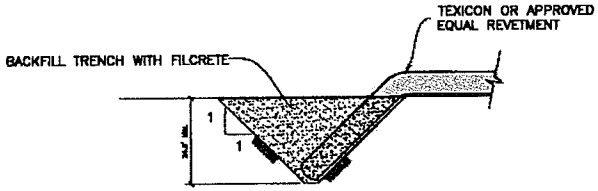

UPSTREAM/DOWNSTREAM TERMINATION 5

NTS

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TYPICAL DETAILS FOR KIDDER ROAD BRIDGE REPLACEMENT

Lafayette Parish, LA

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