POTENTIAL SITE ACCESS ROUTE. 15' WIDE TEMPORARY ACCESS DRIVE WITH CONSTRUCTION ENTRANCE.

EXISTING SUBMERGED WOODEN STRUCTURE (TO BE REMOVED)

EXISTING DAM (TO BE REMOVED)

SITE FEATURES:
- ✗ Vehicle Parking, Equipment Fueling and Maintenance (Units = _______)
- ✗ Material Handling/Loading Area (Units = _______)

LEGEND:
- ➔ Access Route

SWPPP DREDGE PLAN

3% DREDGE SEDIMENT QUANTITIES

<table>
<thead>
<tr>
<th>DREDGE AREA NO.</th>
<th>APPROX. CUT (CY)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>1065</td>
<td>INSIDE GRADING AREA G2</td>
</tr>
<tr>
<td>D2</td>
<td>1550</td>
<td>INSIDE GRADING AREA G2</td>
</tr>
<tr>
<td>D3</td>
<td>3100</td>
<td>PARTIALLY INSIDE GRADING AREA G3 &amp; G4</td>
</tr>
<tr>
<td>D4</td>
<td>620</td>
<td>INSIDE GRADING AREA G3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>5325</strong></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: DREDGE QUANTITIES REFLECT ONLY DREDGING EXCAVATION VOLUMES PRIOR TO PROPOSED RIVER RESTORATION GRADING. DREDGED AREAS SHALL BE FILLED PER THE PROPOSED RIVER GRADING (REFER TO RIVER RESTORATION GRADING PLANS ON SHEET 17).

GENERAL DREDGE ACTIVITY SEQUENCE

1. NATIVE WOODY DEBRIS LOG JAM AT DAM SITE.
2. IMPLEMENT WATER MANAGEMENT PLAN / DEWATERING TRENCH PER SHEET 9.
3. DREDGE SELECTED LOCATIONS IN ORDER OF PRIORITY ZONE # 1-4. MORE OR LESS SEDIMENT MAY BE DREDGED BASED ON ACTUAL SITE CONDITIONS AND AVAILABLE BUDGET. NOTE, SEDIMENT AREAS SHOWN OUTSIDE OF PRIORITY DREDGE ZONES HAS BEEN DEEMED TO REMAIN BASED ON THE SEDIMENT SAMPLING STUDY.
4. UTILIZE SILT CURTAIN AND/OR OIL BOOM AS NEEDED ADJACENT TO THE DREDGE OPERATION.
5. DREDGE DEPTHS PER CROSS-SECTIONS ON SHEETS 11-13.
6. UTILIZE DEFINED UPLAND AREA(S) FOR DREDGE SPOIL PLACEMENT PER SHEET 14.
GENERAL DAM REMOVAL KEYNOTES

1. ACCESS AND STAGING FROM THE NORTH BANK, REMOVE FROM SOUTH TO NORTH (INSTEAD, DAM REMOVAL TO TAKE PLACE SUBSEQUENT TO DREDGING ACTIVITY).
2. CONCRETE DEBRIS TO BE PLACED BENEATH PLANNED RESTORATION AREAS.
GENERAL - RIVER RESTORATION ACTIVITY SEQUENCE:
1. RIVER RESTORATION GRADING ACTIVITY SHALL BE IMPLEMENTED AFTER DREDGE ACTIVITY COMPLETED.
2. RIVER RESTORATION GRADING SHALL TAKE PLACE IN ORDER OF WORK AREA #1-4 (REFER TO PLAN PROFILE AND CROSS-SECTION SHEETS 18-28).
3. EACH RIVER RESTORATION WORK AREA MAY BE MODIFIED IN THE FIELD BASED ON SITE CONDITIONS AND AVAILABLE MATERIALS.
4. BANK STABILIZATION TECHNIQUES MAY INCLUDE MIXED ROCK/MATERIALS AND/or BRUSH LAYERING.
5. RIVER RESTORATION ACTIVITY MAY BE MORE OR LESS THAN SHOWN BASED ON AVAILABLE PROJECT BUDGET.

RIVER RESTORATION GRADING QUANTITIES

<table>
<thead>
<tr>
<th>WORK AREA</th>
<th>BASE APPROX. CUT (CY)</th>
<th>BASE APPROX. FILL (CY)</th>
<th>OPTIONAL APPROX. CUT (CY)</th>
<th>OPTIONAL APPROX. FILL (CY)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1400</td>
<td>1800</td>
<td>-</td>
<td>-</td>
<td>NO DREDGE WORK</td>
</tr>
<tr>
<td>2</td>
<td>3220</td>
<td>3600</td>
<td>585</td>
<td>2705</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>2620</td>
<td>1360</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>3570</td>
<td>1505</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOTAL</td>
<td>11300</td>
<td>8375</td>
<td>585</td>
<td>7105</td>
<td>-</td>
</tr>
</tbody>
</table>

NOTES:
1. GRADING QUANTITIES WERE DETERMINED USING POST-DREDGE RIVER BED SURFACE.
2. CUT/FILL QUANTITIES REFLECT GRADING TO SUBGRADE (NOT INCLUDING ROCK PLACEMENT PER BANK STABILIZATION DETAIL ON SHEET 29).
PROP. RIVER THALWEG

PROP. BANKFULL

PROP. GRADE CONTROL

GRADE CONTROL FEATURE (SEE SHEET 29)

ABANDONED STORM OUTFALL; CONFIRM AND SEAL OFF. ACTIVE STORM OUTFALL SHALL BE EXTENDED WITH NEW END TREATMENT.

PROPOSED BANK STABILIZATION RESTORATION.

FOR RIVER CROSS SECTIONS, SEE SHEETS 24-28.

RESTORATION KEYNOTES

GRADE CONTROL FEATURE (SEE SHEET 29)

ABANDONED STORM OUTFALL; CONFIRM AND SEAL OFF. ACTIVE STORM OUTFALL SHALL BE EXTENDED WITH NEW END TREATMENT.

PROPOSED BANK STABILIZATION RESTORATION.

FOR RIVER CROSS SECTIONS, SEE SHEETS 24-28.

RIVER RESTORATION
PLAN AND PROFILE
WORK AREA 4
BEGIN RIFFLE
STA. 523+53.81
ELEV. 808.65

EX. SUBMERGED WOOD STRUCTURE, ELEV. = 811.29' ± (TO BE REMOVED TO ELEV. = 809.00', BASE TO BE REUSED FOR GRADE CONTROL.

ABANDONED STORM OUTFALL; CONFIRM AND SEAL OFF. ACTIVE STORM OUTFALL SHALL BE EXTENDED WITH NEW END TREATMENT.

PROPOSED BANK STABILIZATION RESTORATION.

FOR RIVER CROSS SECTIONS, SEE SHEETS 24-28.
ABANDONED STORM OUTFALL, CONFIRM AND SEAL OFF, ACTING STORM OUTFALL SHALL BE EXTENDED WITH NEW END TREATMENT.

PROPOSED BANK STABILIZATION RESTORATION.

RESTORATION KEYNOTES

OPTIONAL RIVER RESTORATION
GRADING WORK AREA

LEGEND

1. OPTIONAL RIVER RESTORATION
2. GRADING WORK AREA

PROPOSED RIVER THALWEG

PROPOSED BANKFULL

PREVIOUS RIVER THALWEG

FOR RIVER CROSS SECTIONS, SEE SHEETS 24-28.

RESTORATION PLAN AND PROFILE
WORK AREA 2

RIVER RESTORATION

OPTIONAL RIVER RESTORATION
GRADING WORK AREA
RIVER RESTORATION PLAN AND PROFILE
WORK AREA 2 EAST

REV.
DESCRIPTION

PROP. RIVER THALWEG
PROP. BANKFULL

RESTORATION KEYNOTES
ABANDONED STORM OUTFALL; CONFIRM AND SEAL OFF. ACTIVE STORM OUTFALL SHALL BE EXTENDED WITH NEW END TREATMENT.
PROPOSED BANK STABILIZATION RESTORATION.

FOR RIVER CROSS SECTIONS, SEE SHEETS 3A&B.