

R-2576 Mid-Currituck Bridge

Attachment 6:

Submerged Aquatic Vegetation (SAV) Impact Drawings

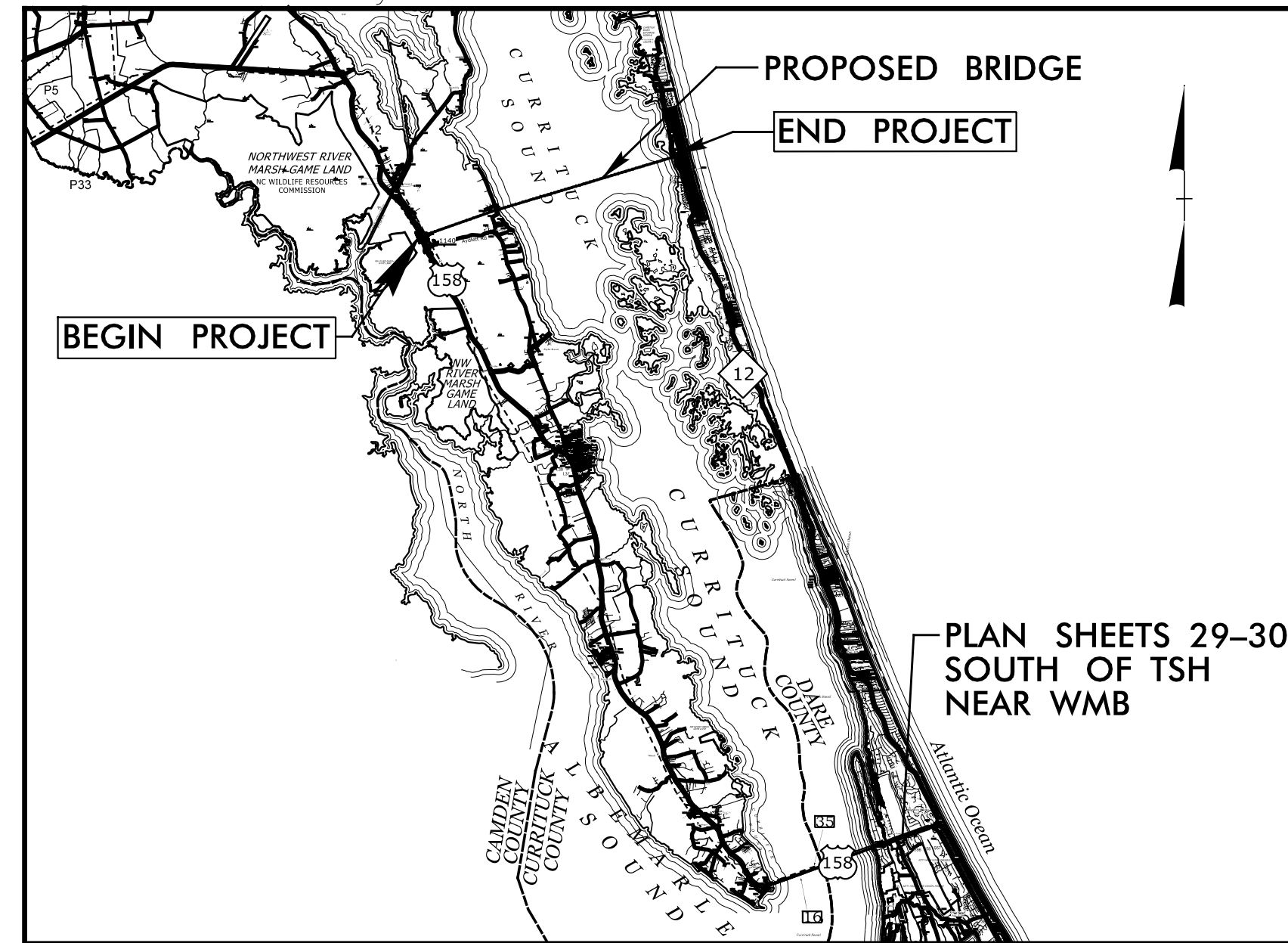
09/28/2019

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols
See Sheet 1C For Survey Control Sheet

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2576	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34470.1.TA1	BRSTP-000(494)	P.E.	

TIP PROJECT: R-2576

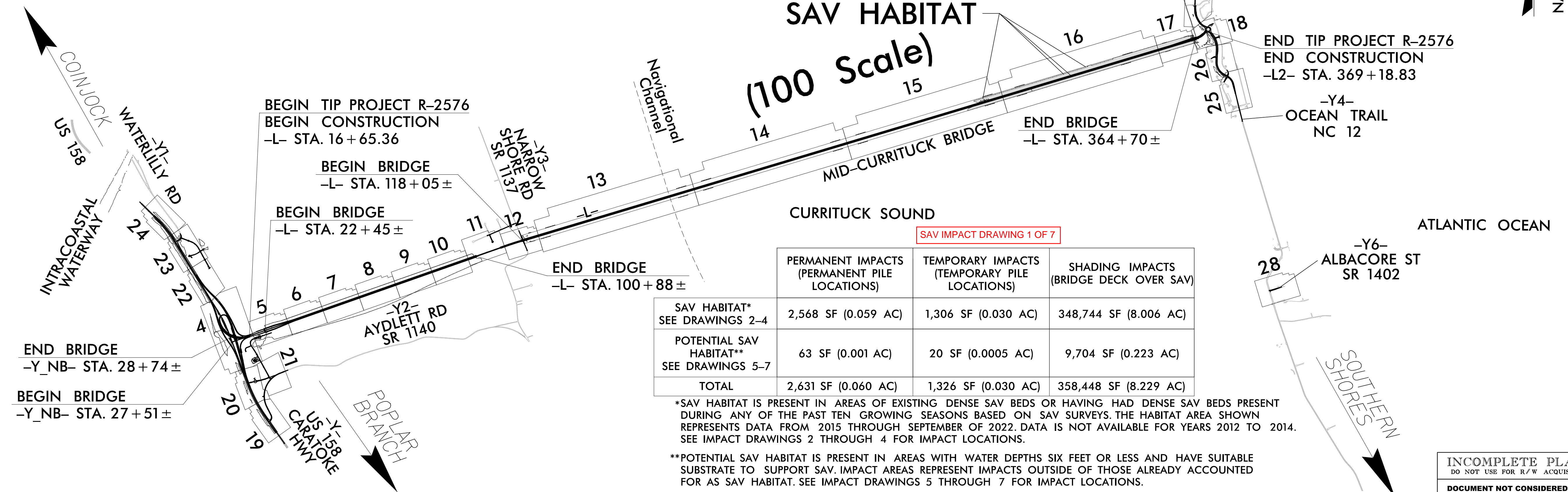


VICINITY MAP

75% PLANS

LOCATION: MID-CURRITUCK BRIDGE FROM US 158 SOUTH OF COINJOCK TO NC 12 SOUTH OF COROLLA

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURES



SAV IMPACT DRAWING 1 OF 7

	PERMANENT IMPACTS (PERMANENT PILE LOCATIONS)	TEMPORARY IMPACTS (TEMPORARY PILE LOCATIONS)	SHADING IMPACTS (BRIDGE DECK OVER SAV)
SAV HABITAT* SEE DRAWINGS 2-4	2,568 SF (0.059 AC)	1,306 SF (0.030 AC)	348,744 SF (8.006 AC)
POTENTIAL SAV HABITAT** SEE DRAWINGS 5-7	63 SF (0.001 AC)	20 SF (0.0005 AC)	9,704 SF (0.223 AC)
TOTAL	2,631 SF (0.060 AC)	1,326 SF (0.030 AC)	358,448 SF (8.229 AC)

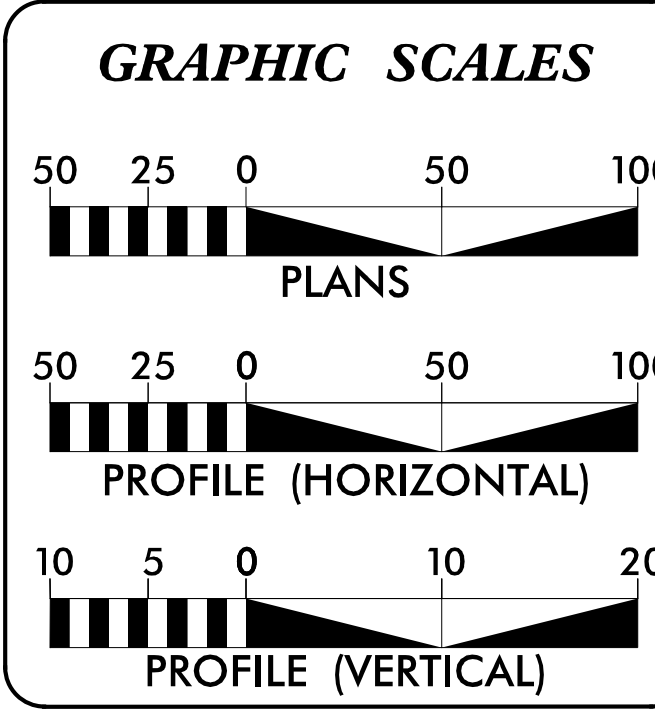
*SAV HABITAT IS PRESENT IN AREAS OF EXISTING DENSE SAV BEDS OR HAVING HAD DENSE SAV BEDS PRESENT DURING ANY OF THE PAST TEN GROWING SEASONS BASED ON SAV SURVEYS. THE HABITAT AREA SHOWN REPRESENTS DATA FROM 2015 THROUGH SEPTEMBER OF 2022. DATA IS NOT AVAILABLE FOR YEARS 2012 TO 2014. SEE IMPACT DRAWINGS 2 THROUGH 4 FOR IMPACT LOCATIONS.

**POTENTIAL SAV HABITAT IS PRESENT IN AREAS WITH WATER DEPTHS SIX FEET OR LESS AND HAVE SUITABLE SUBSTRATE TO SUPPORT SAV. IMPACT AREAS REPRESENT IMPACTS OUTSIDE OF THOSE ALREADY ACCOUNTED FOR AS SAV HABITAT. SEE IMPACT DRAWINGS 5 THROUGH 7 FOR IMPACT LOCATIONS.

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD —

CONTRACT:



DESIGN DATA

# ADT 2020 =	11,800
ADT 2040 =	18,000
K =	9 %
D =	60 %
T =	7 % *
V =	60 MPH
* (TTST=2) + (DUAL=1) + (RV=4)	
FUNC CLASS =	ARTERIAL STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2576	= 0.524 Miles
LENGTH STRUCTURES	= 6.153 Miles
TOTAL LENGTH TIP PROJECT R-2576	= 6.677 Miles

PROJECT LEVEL TRAFFIC FORECAST (JUNE 2016) (SUMMER WEEKEND)

Prepared In the Office of:

LOCHNER
1223 Jones Franklin Rd.
Raleigh, NC 27606
Phone: 919.851.8107
Fax: 919.851.8107

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FY 2024

LETTING DATE:
FY 2024

BRIAN K. EASON, PE
PROJECT ENGINEER

CHRISTINA L. YOKELEY, PE
PROJECT DESIGN ENGINEER

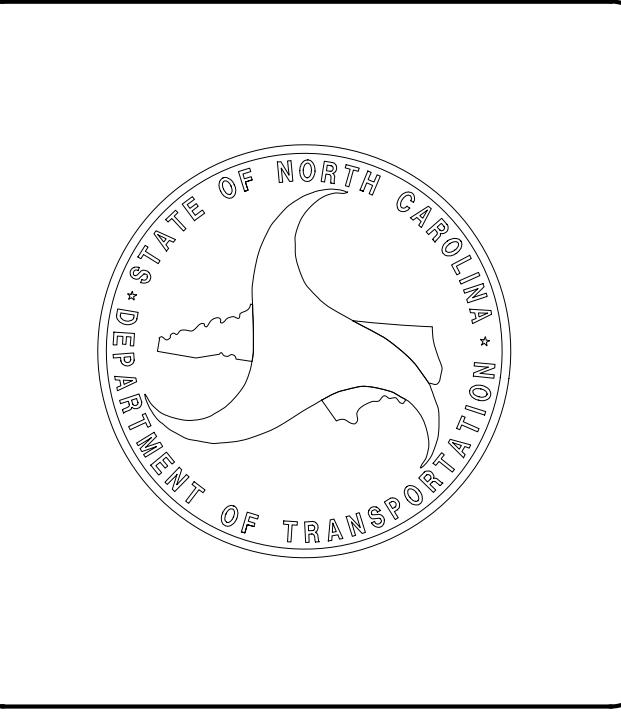
DENNIS JERNIGAN, PE
NCDOT /NCTA

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER


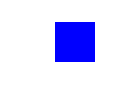
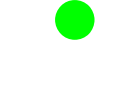
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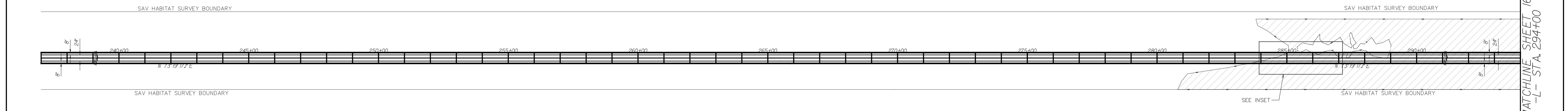
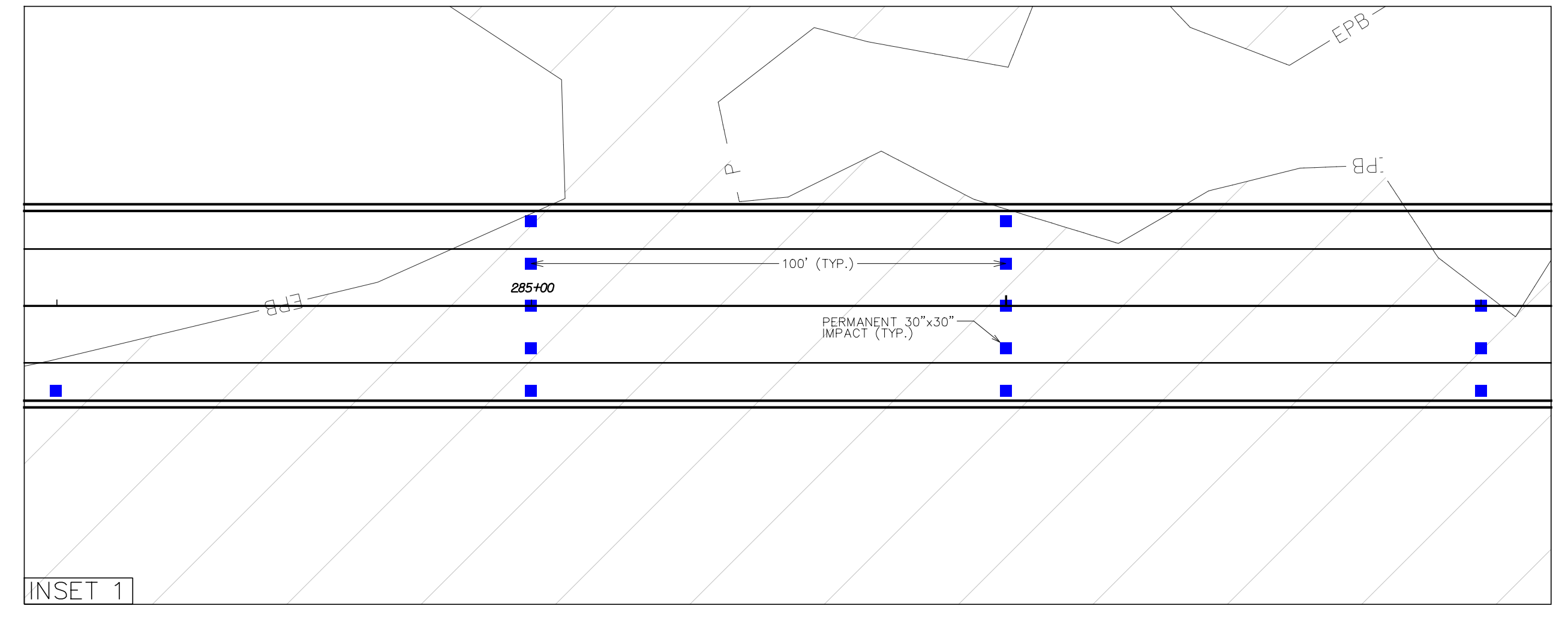


10/20/2023
R2576_rdy-TSH_SAV.dgn
ACHHO

REVISIONS

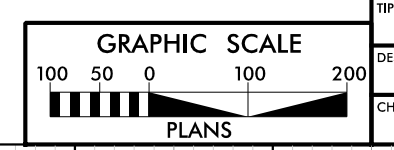
LEGEND

-  SAV HABITAT
-  PERMANENT PILE IMPACTS
-  TEMPORARY PILE IMPACTS

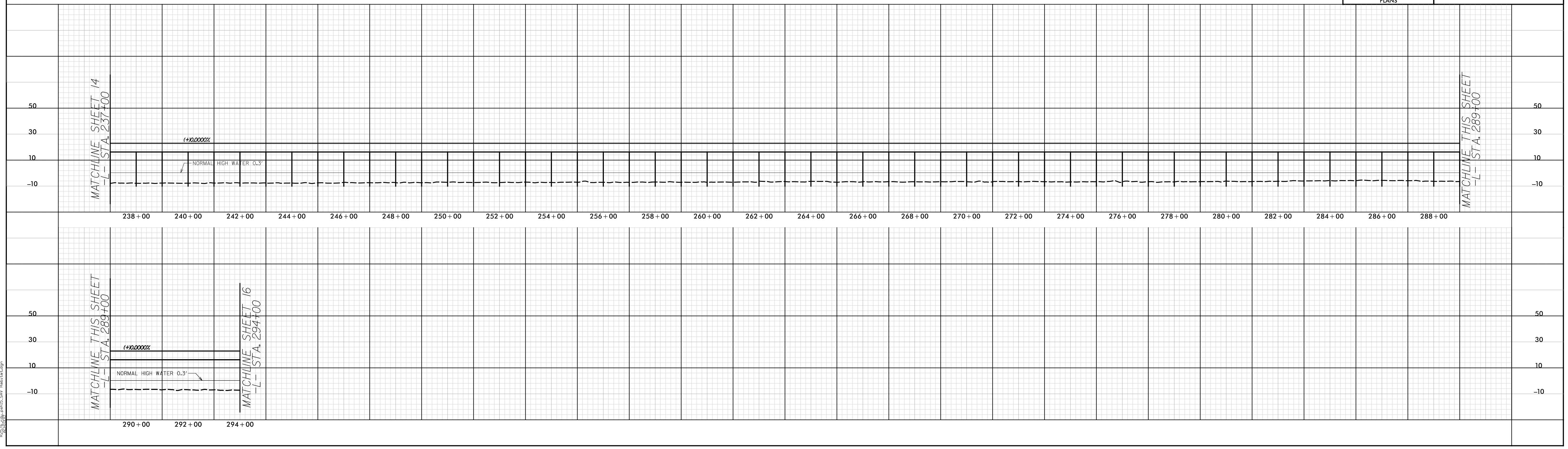


SAV IMPACT DRAWING 2 OF 7

SAV HABITAT:
 AREAS OF EXISTING DENSE SAV BEDS OR HAVING HAD
 DENSE SAV BEDS PRESENT DURING ANY OF THE PAST TEN
 GROWING SEASONS BASED ON SAV SURVEYS.
 THE HABITAT AREA SHOWN REPRESENTS DATA FROM 2015 THROUGH
 SEPTEMBER OF 2022. DATA IS NOT AVAILABLE FOR YEARS 2012 TO 2014.




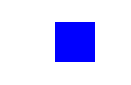
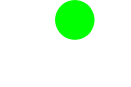
LOCATION:	
TIP NO.:	COUNTY:
DESIGNED BY:	
CHECKED BY:	DATE:

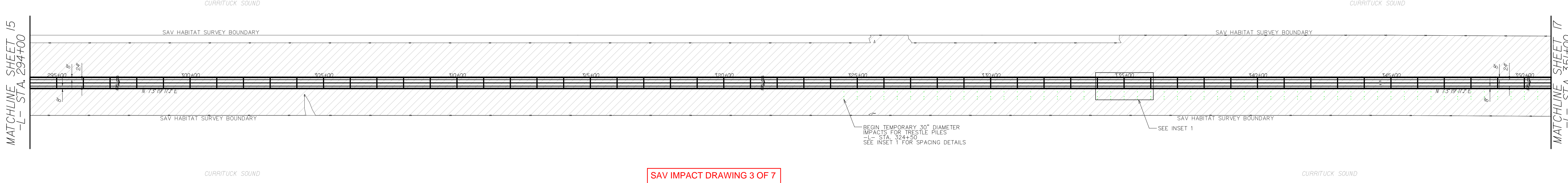
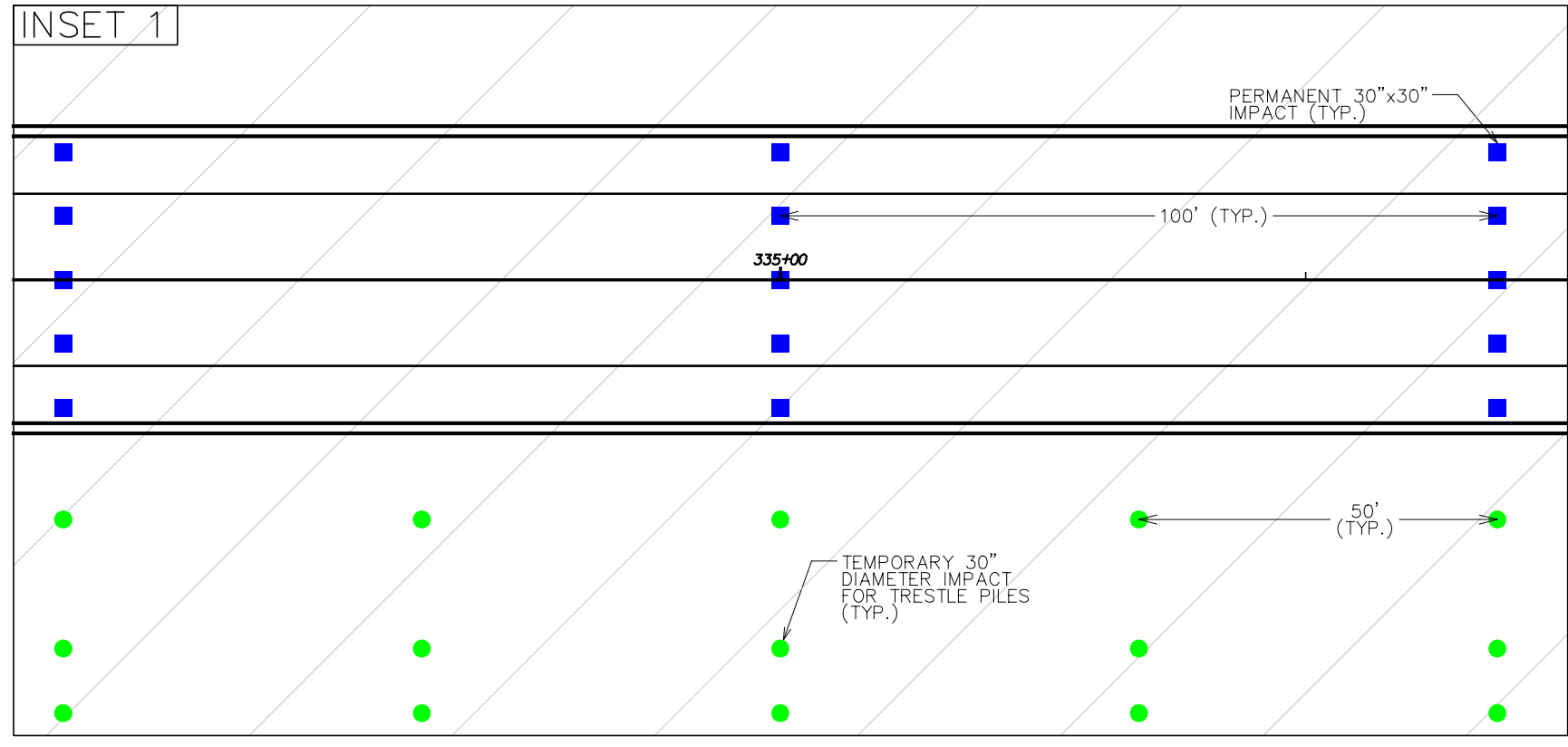


10/20/2023 10:30 AM 15 SAV Habitat.dwg

REVISIONS

LEGEND

-  SAV HABITAT
-  PERMANENT PILE IMPACTS
-  TEMPORARY PILE IMPACTS

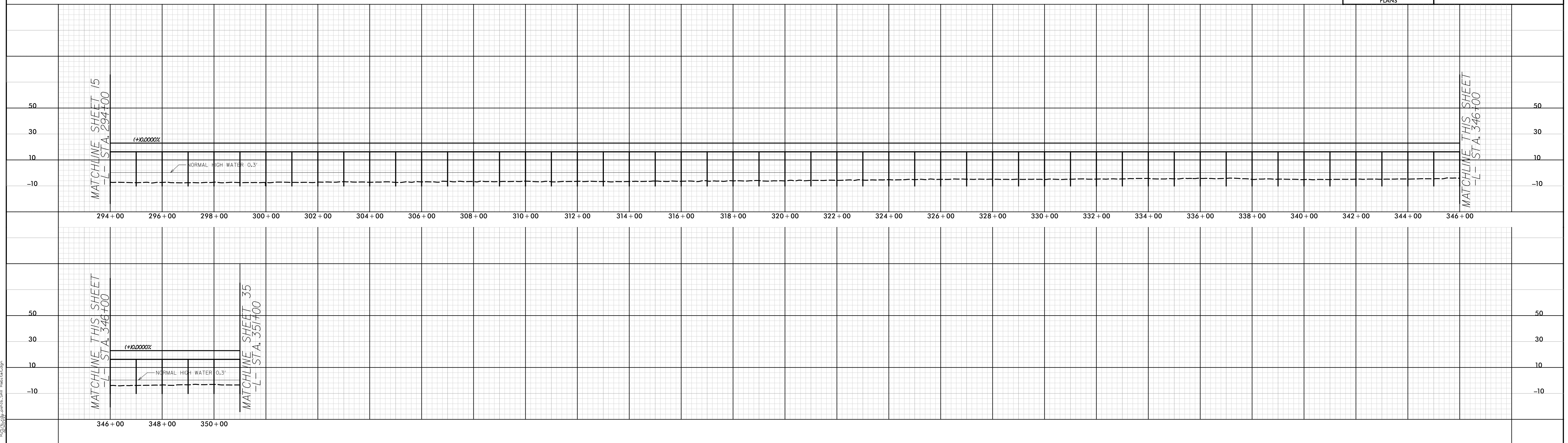


SAV IMPACT DRAWING 3 OF 7

SAV HABITAT:
 AREAS OF EXISTING DENSE SAV BEDS OR HAVING HAD
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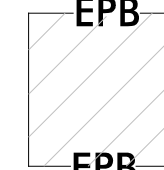

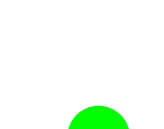
GRAPHIC SCALE
 100 50 0 100 200
 PLANS

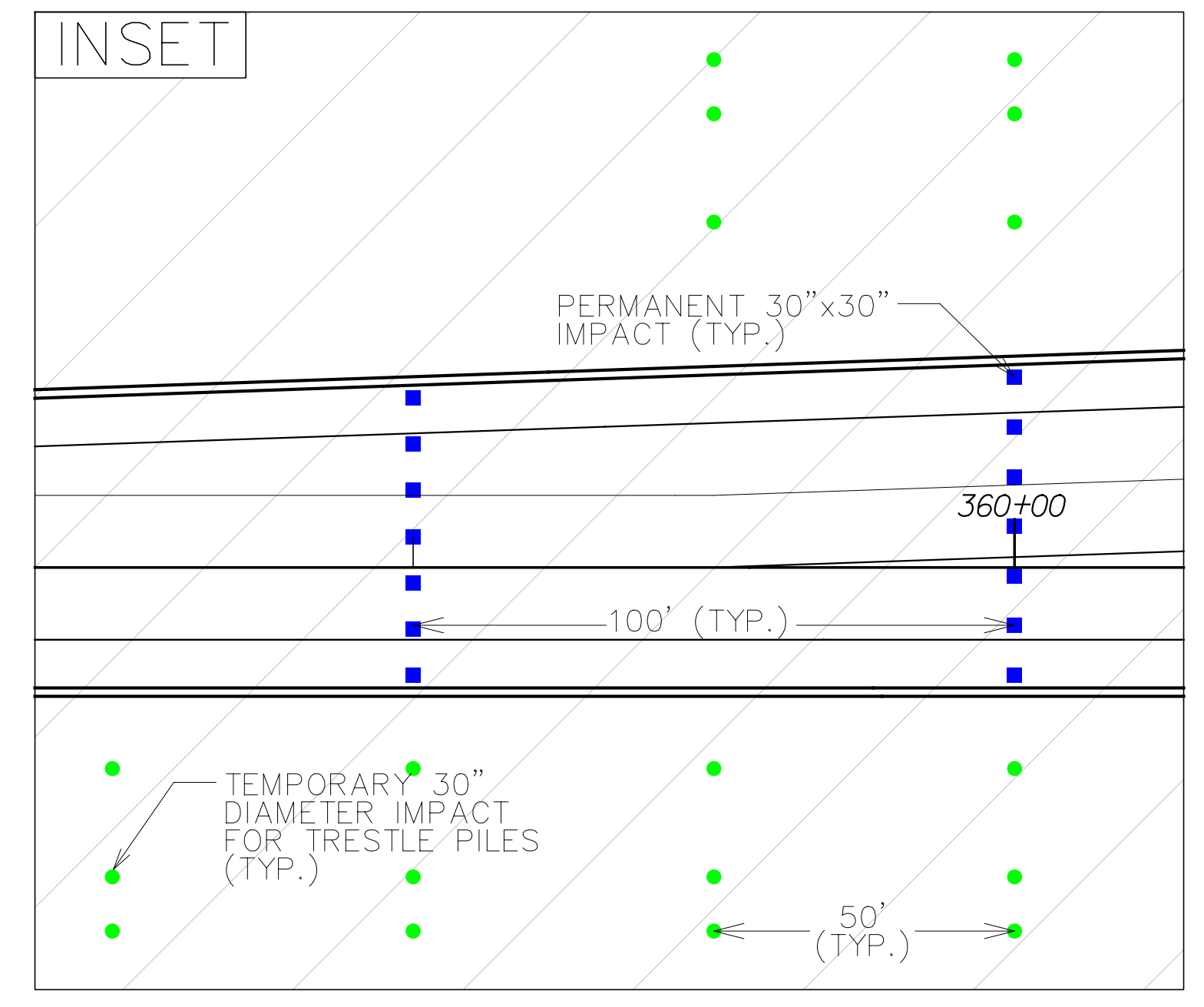
LOCATION: _____
 TIP NO.: _____ COUNTY: _____
 DESIGNED BY: _____
 CHECKED BY: _____ DATE: _____



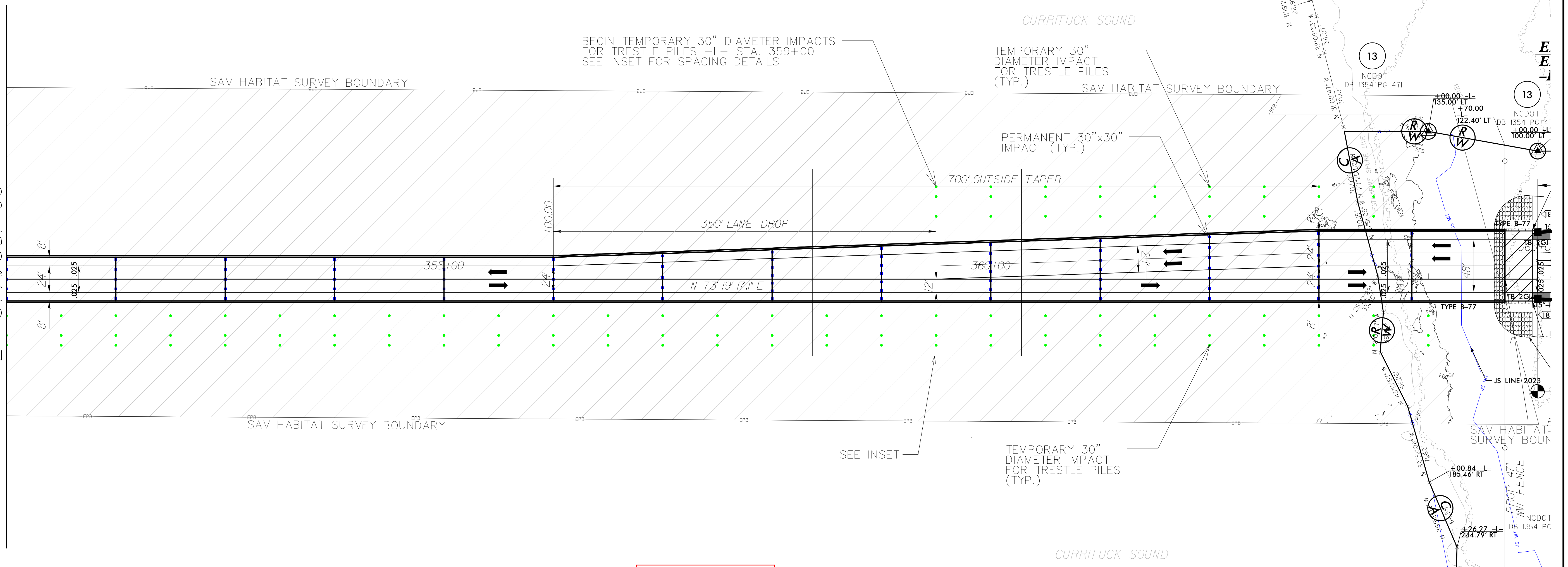
10/20/2023 10:00 AM H:\Projects\2023\16-2576\16-2576_SAV_Habitat.dwg

PROJECT REFERENCE NO. <i>R-2576</i>	SHEET NO. <i>17</i>
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

LEGEND	
	SAV HABITAT
	PERMANENT PILE IMPACTS
	TEMPORARY PILE IMPACTS



MATCHLINE SHEET 16
-L- STA. 351+00



SAV IMPACT DRAWING 4 OF 7

SAV HABITAT:
AREAS OF EXISTING DENSE SAV BEDS OR HAVING HAD DENSE SAV BEDS PRESENT DURING ANY OF THE PAST TEN GROWING SEASONS BASED ON SAV SURVEYS.

THE HABITAT AREA SHOWN REPRESENTS DATA FROM 2015 THROUGH SEPTEMBER OF 2022. DATA IS NOT AVAILABLE FOR YEARS 2012 TO 2014.

SEE SHEET 2D-I FOR DITCH DETAILS
SEE SHEET 35 FOR -L- PROFILE

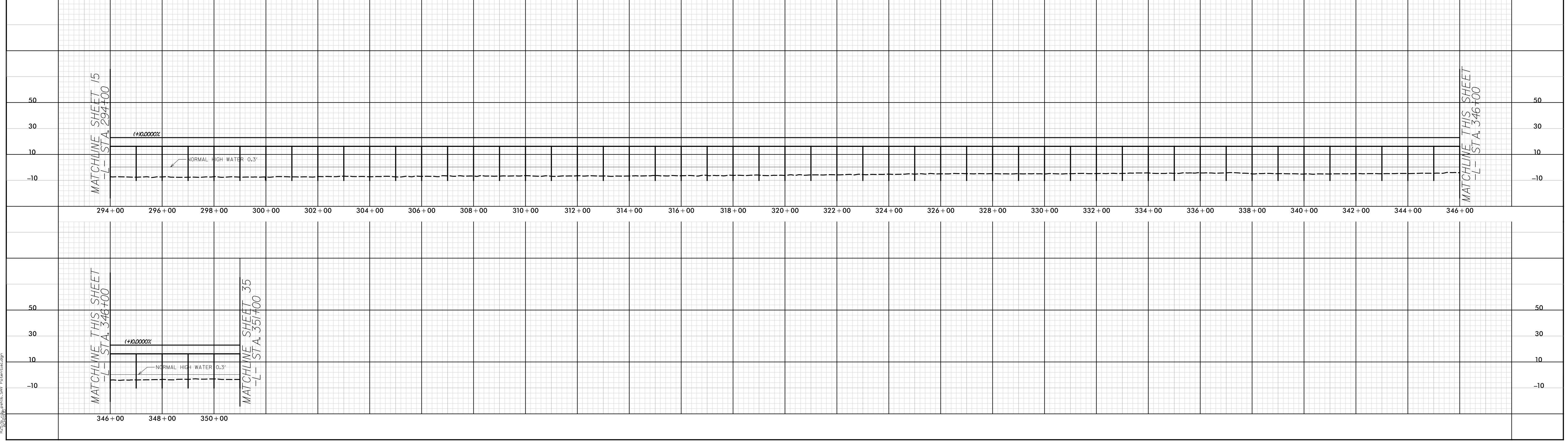
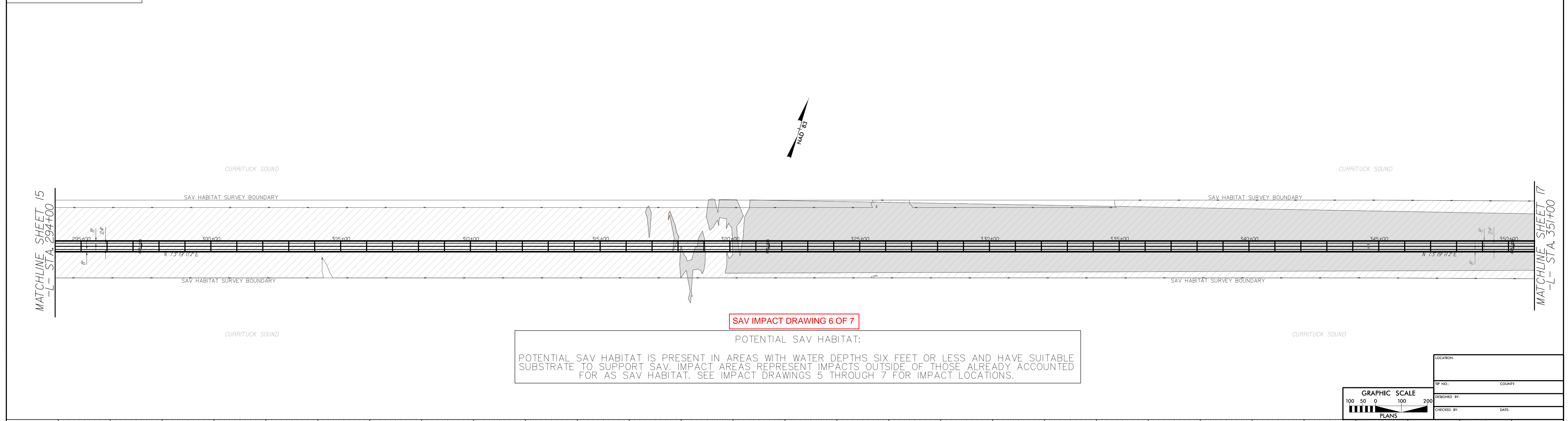
REVISIONS

LEGEND

■ WATER DEPTH 6 FT OR LESS

▨ EPB SAV HABITAT

NOTE:
 NO PERMANENT NOR TEMPORARY
 POTENTIAL PILE IMPACTS ARE
 SHOWN ON THIS SHEET



GRAPHIC SCALE
 100 50 0 100 200
 PLANS

LOCATION: _____
 TIP NO.: _____ COUNTY: _____
 DESIGNED BY: _____
 CHECKED BY: _____ DATE: _____

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