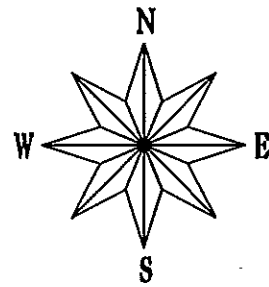


Madison, Wisconsin



CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

YAHARA RIVER SHORELINE REPAIR & OLBRICH CANOE LAUNCH

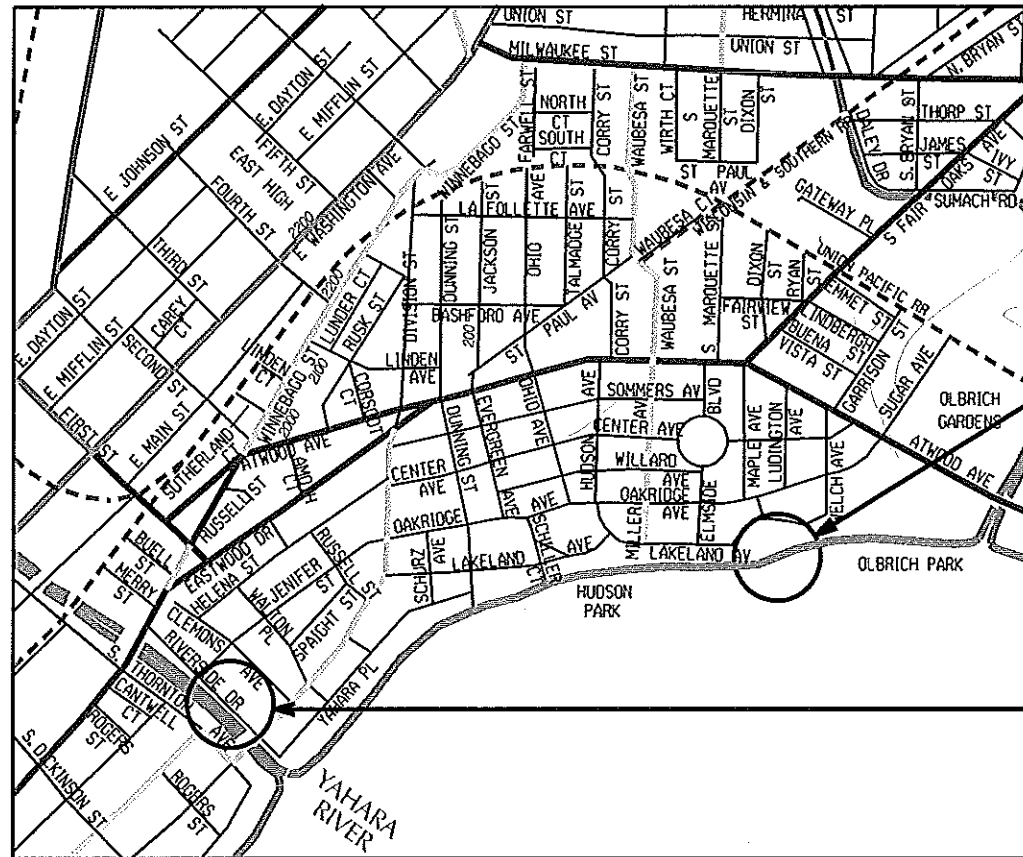
PROJECT NO. 53W1182 /53W1735
CONTRACT NO. 6831

NOTE: FIELD VERIFY UTILITIES

STORM SEWER	
SANITARY SEWER	
WATER	
POWER POLE	
RAILROAD	

INDEX OF SHEETS

SHEET NO. D1-D2	DETAILS
SHEET NO. ECI-EC4	EROSION CONTROL PLAN
SHEET NO. P1-P4	PLAN/PROFILE
SHEET NO. P5	STORM SCHEDULE
SHEET NO. XI-X18	CROSS-SECTIONS



OLBRICH PARK
CANOE LAUNCH

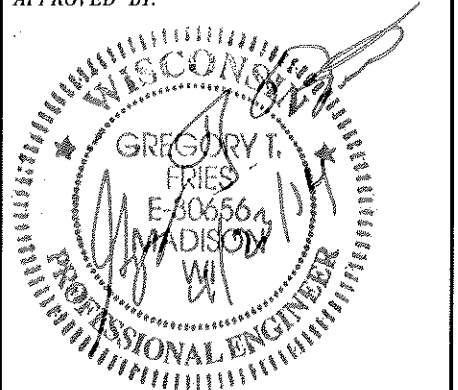
YAHARA RIVER
SHORELINE REPAIR

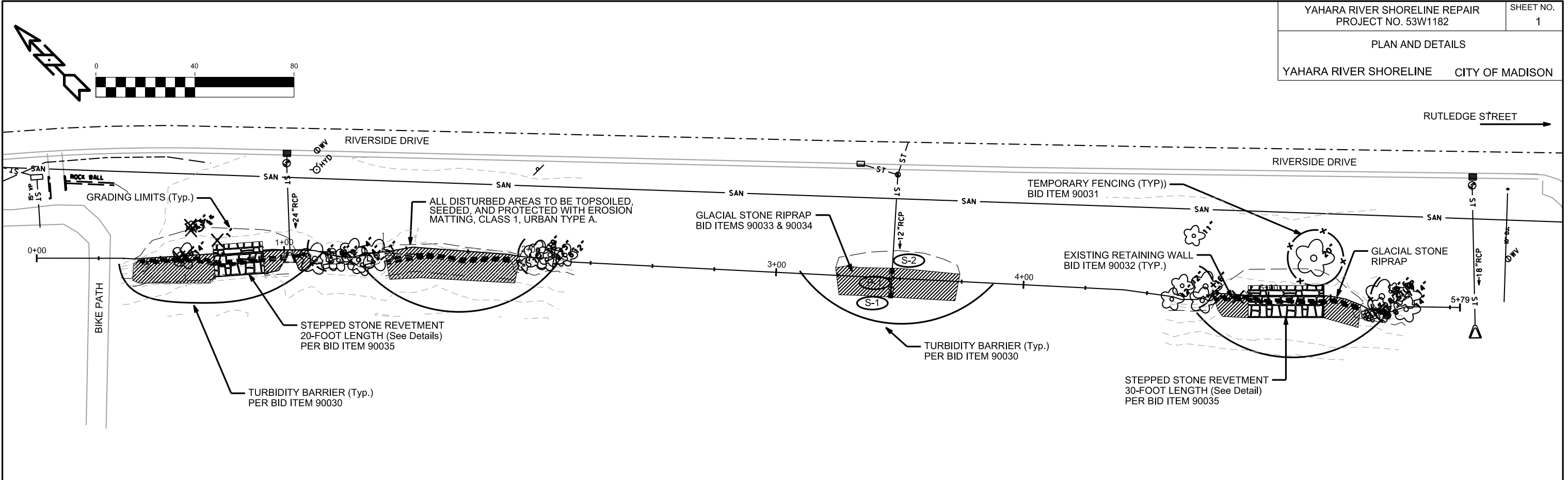
STREET PROJECT APPROVED
MARCH 5, 2014
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

DESIGN
APPROVED BY:

Michael R. Dancy 4/24/14
City Engineer Date

STORM SEWER
APPROVED BY:

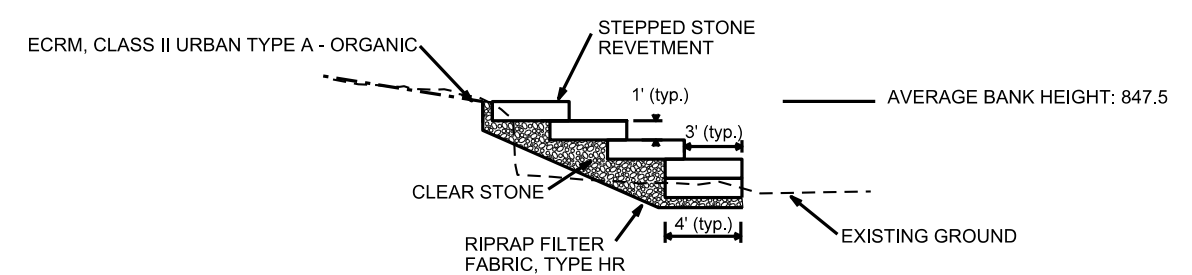




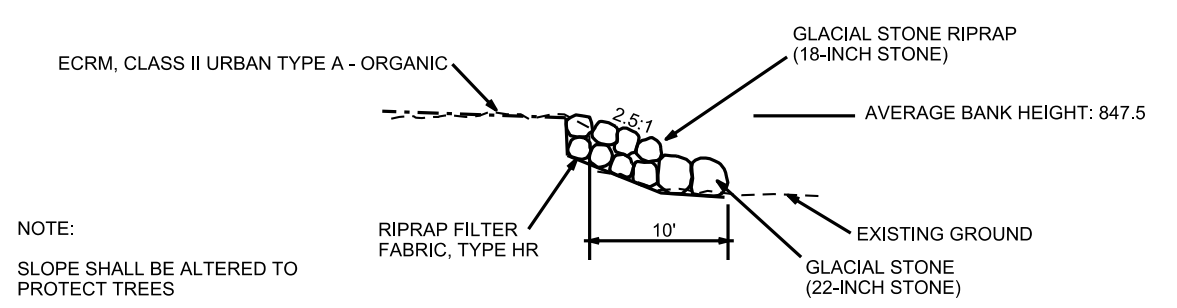
STORM SEWER SCHEDULE

STRUCTURE	STATION	LOCATION	TYPE	I.E.	NOTES			
S-1	3+46.66	RT - 7+73	12" APRON ENDWALL	845.24	STATIONING TO END OF APRON ENDWALL W/ APRON ENDWALL GATE			
S-2	3+46.75	LT - 3.07	CONCRETE COLLAR	845.46	CONCRETE COLLAR CAN BE PLACED WERE APPROPRIATE FOR FIELD CONDITIONS			
PIPE	FROM	TO	LGTH	DISCH I.E.	INVERT I.E.	SLOPE	PIPE/TYPE	NOTES
P-1	S-1	S-2	10	845.32 +/-	845.46 +/- (FIELD)	1.36% (FIELD)	24" RCP	PIPE REPLACEMENT IS INTENDED TO PROVIDE AN ACCEPTABLE CONNECTION FOR S-1. REPLACE ONLY THAT NECESSARY TO FIELD-FIT S-1

STEPPED STONE REVETMENT DETAIL



GLACIAL STONE RIPRAP DETAIL



NOTE:
SLOPE SHALL BE ALTERED TO PROTECT TREES

EROSION CONTROL NOTES:

- 1) EROSION MATTING, CLASS I URBAN TYPE A - ORGANIC SHALL BE INSTALLED IN ALL OTHER DISTURBED AREAS.
- 2) ALL DISTURBED AREAS SHALL BE RESTORED WITH 4 INCHES OF TOPSOIL, TERRACE SEED MIX, AND EROSION MATTING, UNLESS OTHERWISE NOTED.
- 3) SILT FENCE OR SILT SOCK SHALL BE INSTALLED AS DIRECTED AND AT THE DISCRETION OF THE CONSTRUCTION ENGINEER.
- 4) TEMPORARY POLYMER STABILIZATION SHALL BE PLACED AS DIRECTED BY THE CONSTRUCTION ENGINEER.
- 5) SILT FENCE SHALL BE PLACED DOWNSTREAM OF ALL STOCKPILE AREAS.
- 6) THE PROJECT SITE SHALL BE INSPECTED WITHIN 24 HOURS OF A RAINFALL EXCEEDING 0.5" AND WEEKLY BY CITY STAFF.
- 7) ALL EQUIPMENT BROUGHT ON SITE SHALL BE DECONTAMINATED FOR INVASIVE SPECIES AND VIRUSES.
- 8) THE CONTRACTOR SHALL CHOOSE THE START DATE OF THE PROJECT BASED ON ANTICIPATED WEATHER CONDITIONS AND RIVER LEVEL.

PLOT SCALE: _____ PLOT NAME: _____ REV. DATE: _____ ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

YAHARA RIVER

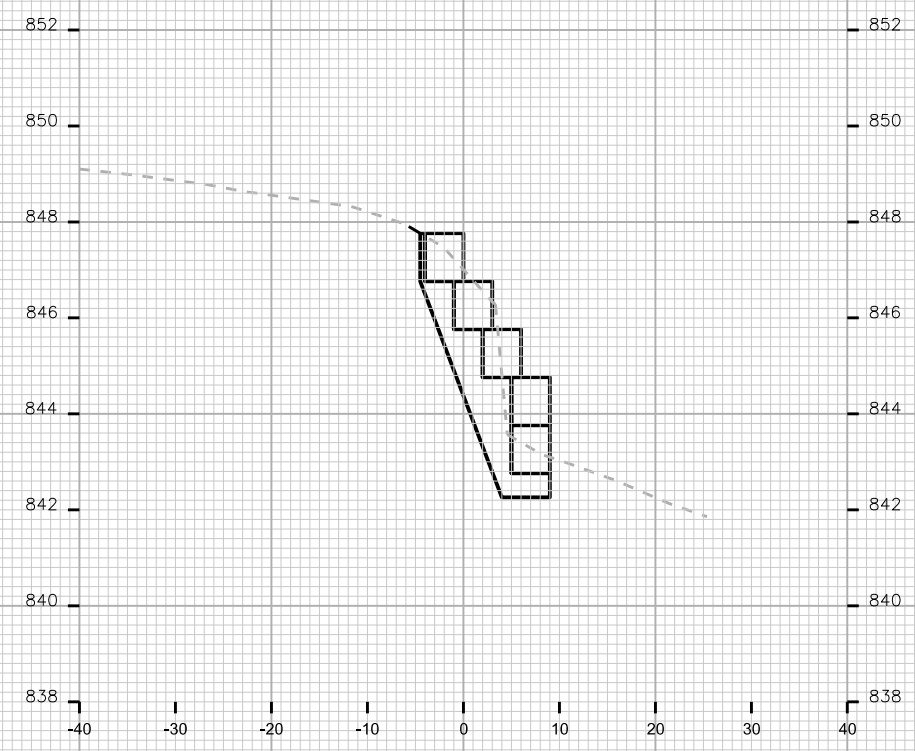
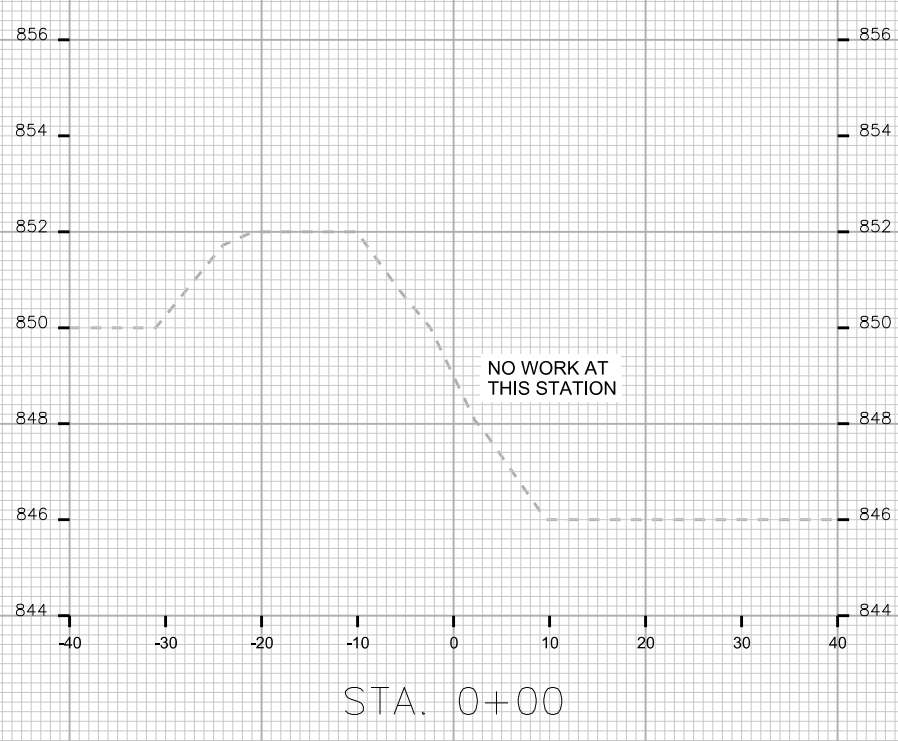
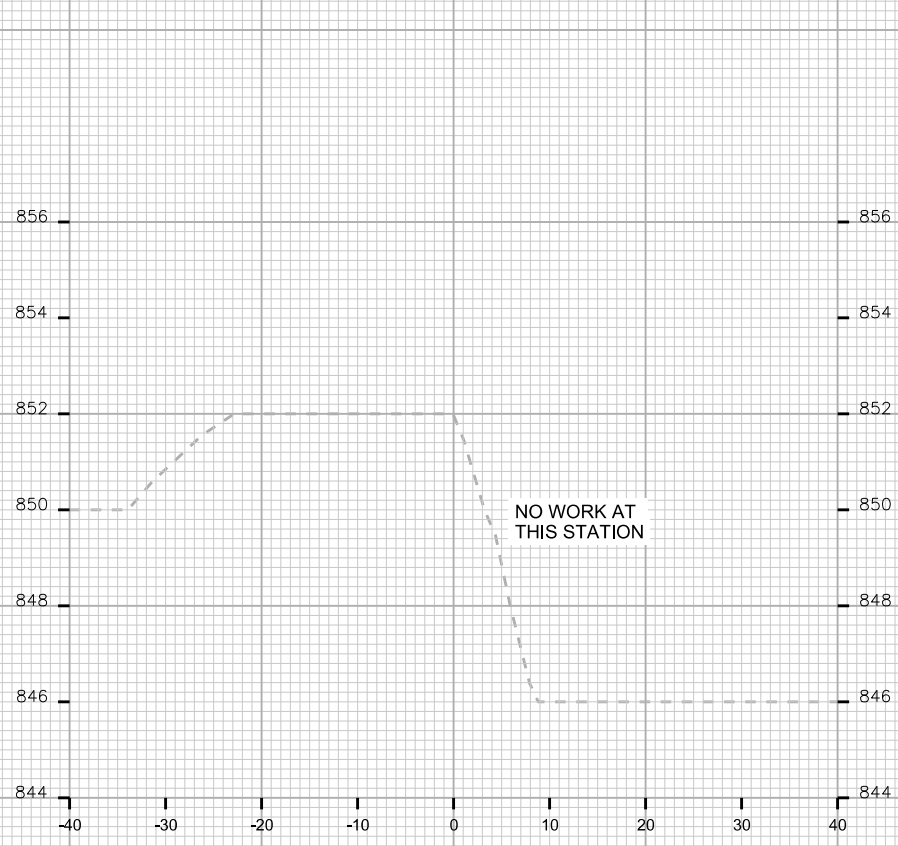
CITY OF MADISON

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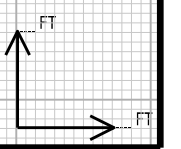
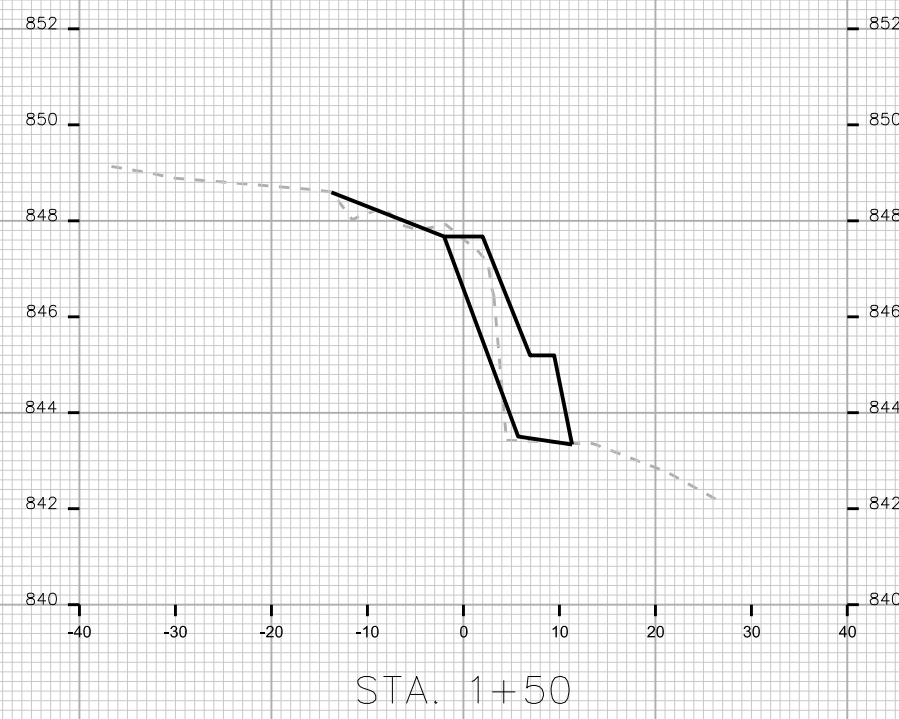
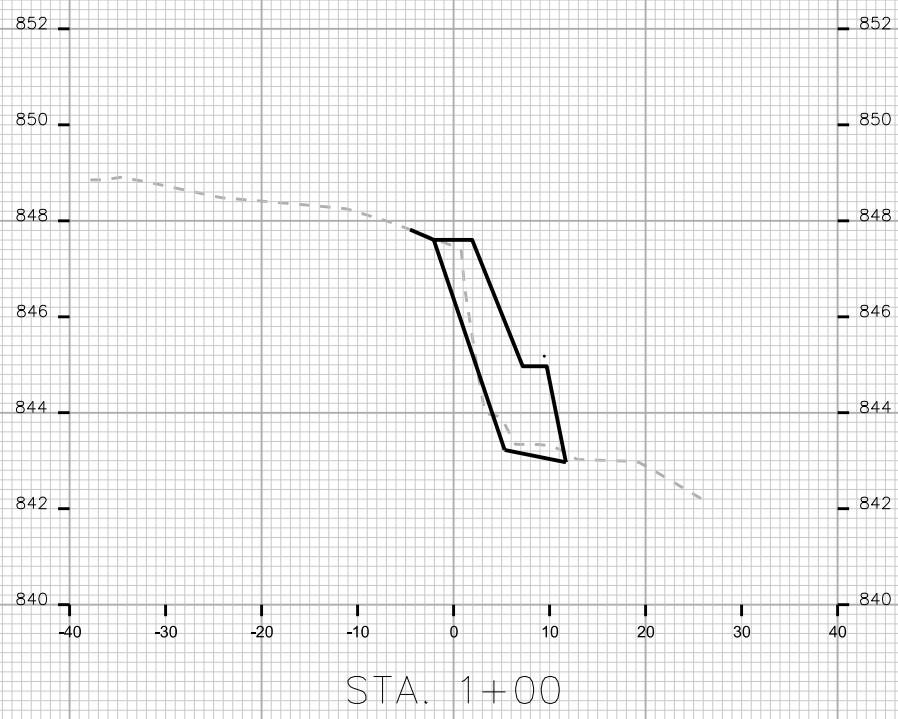
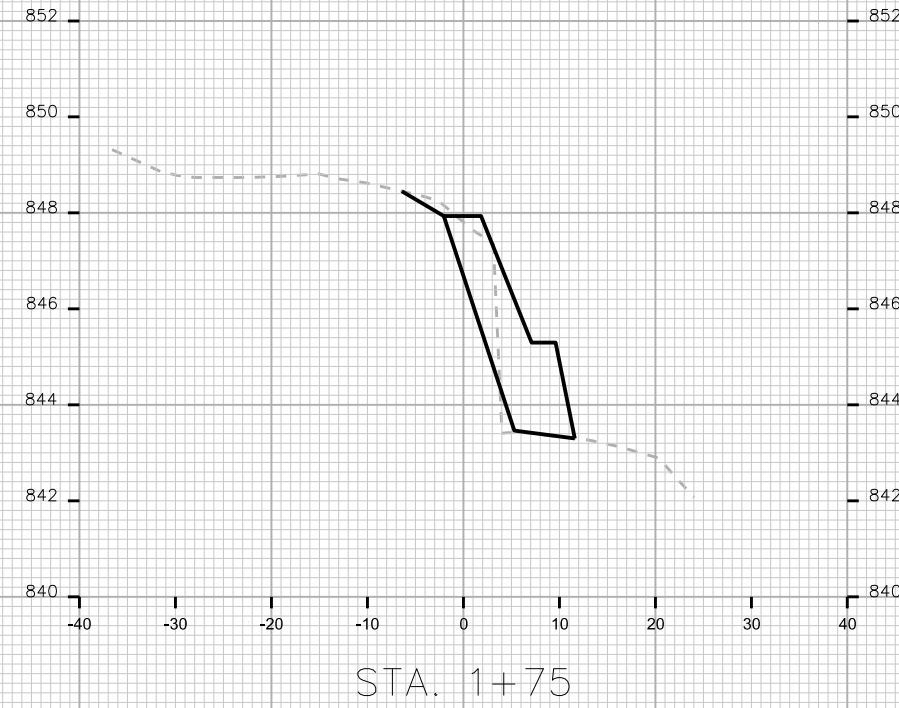
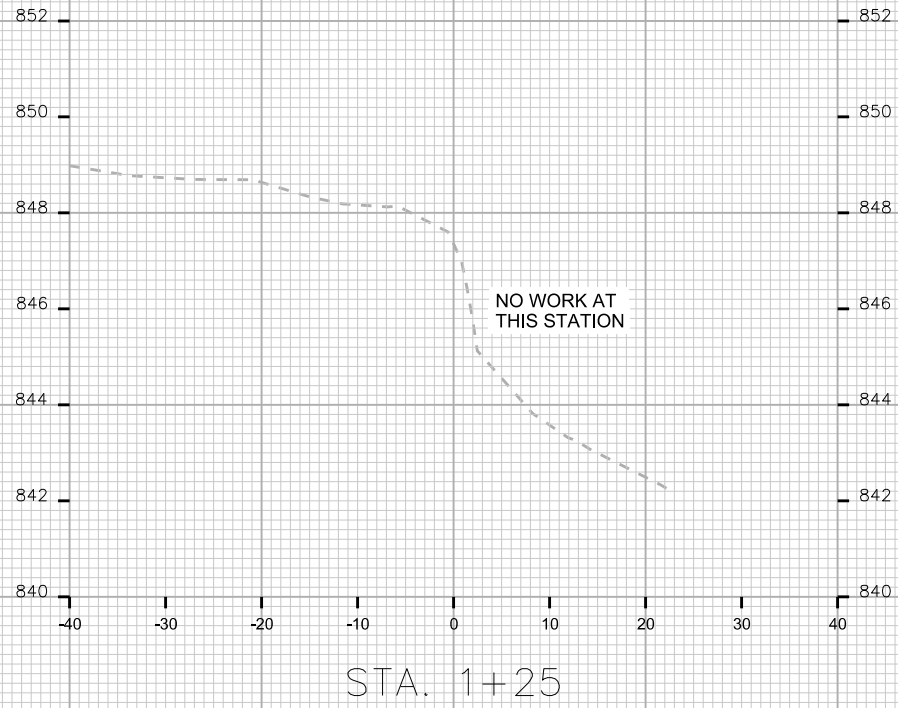
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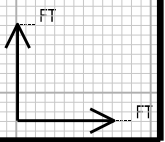
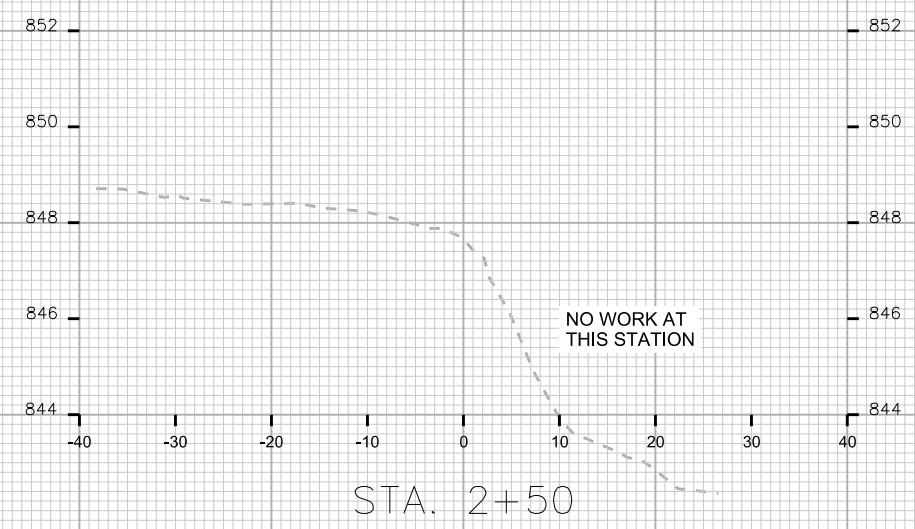
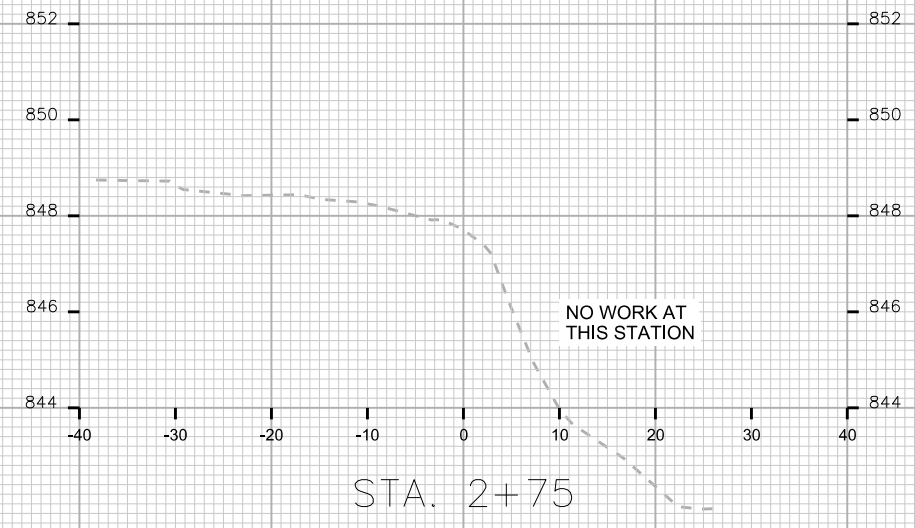
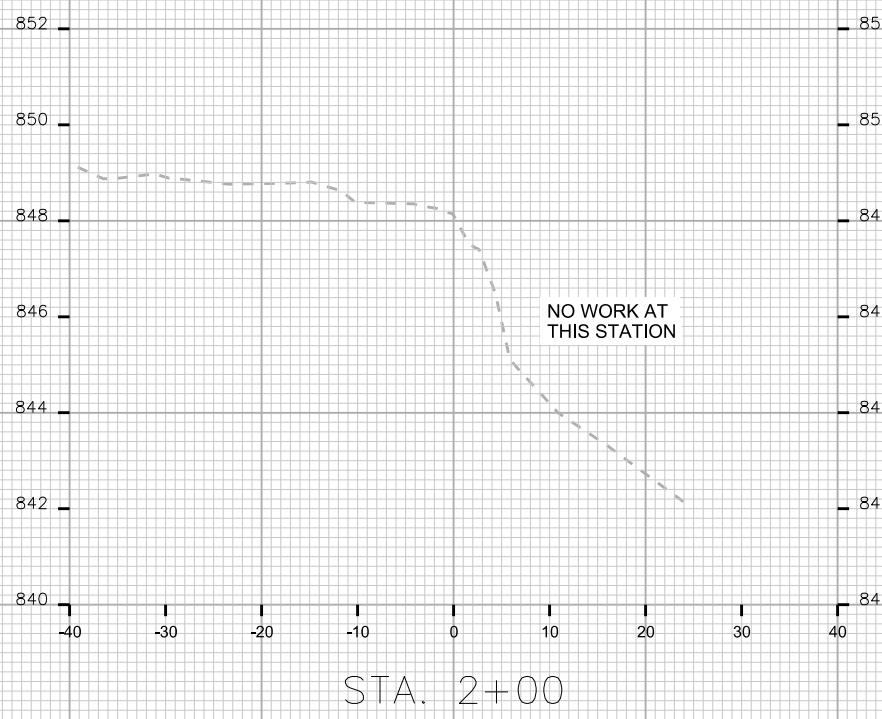
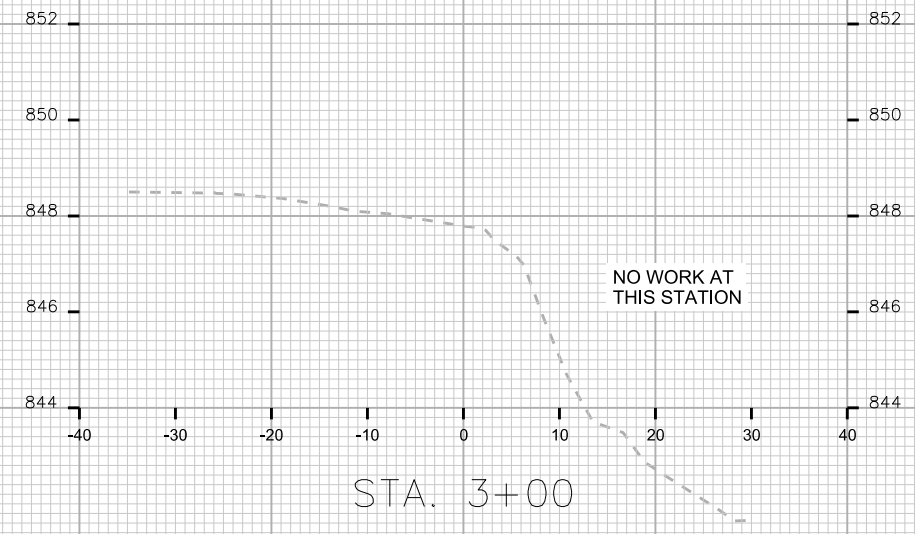
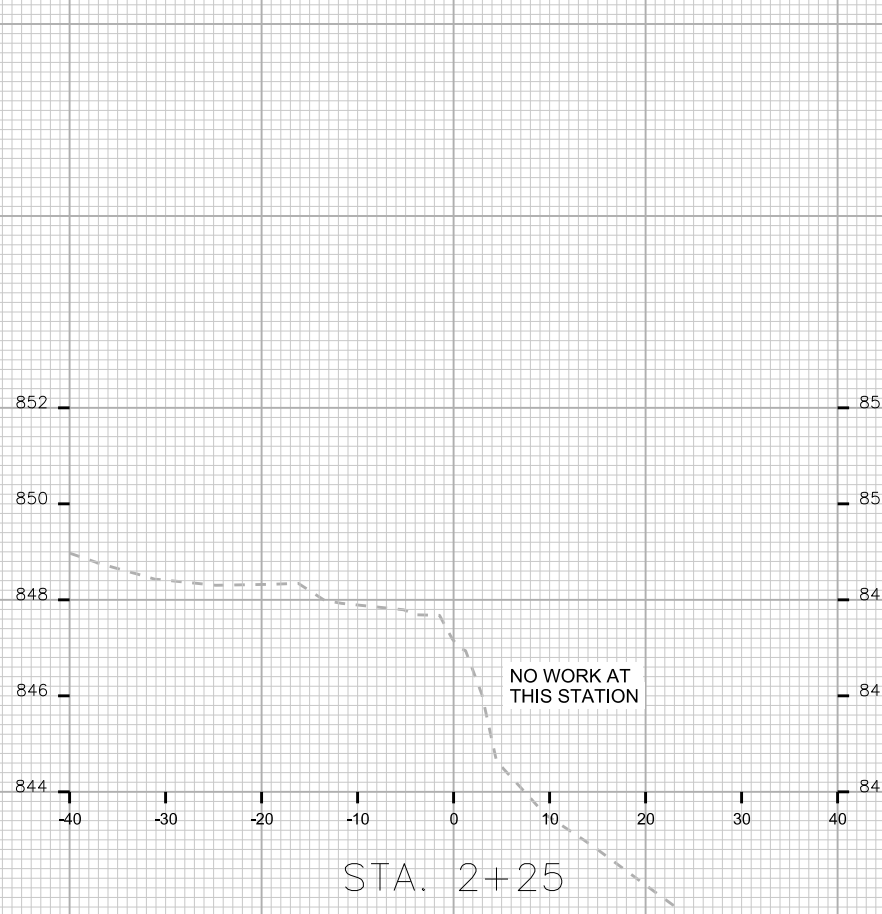
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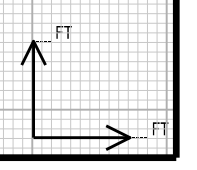
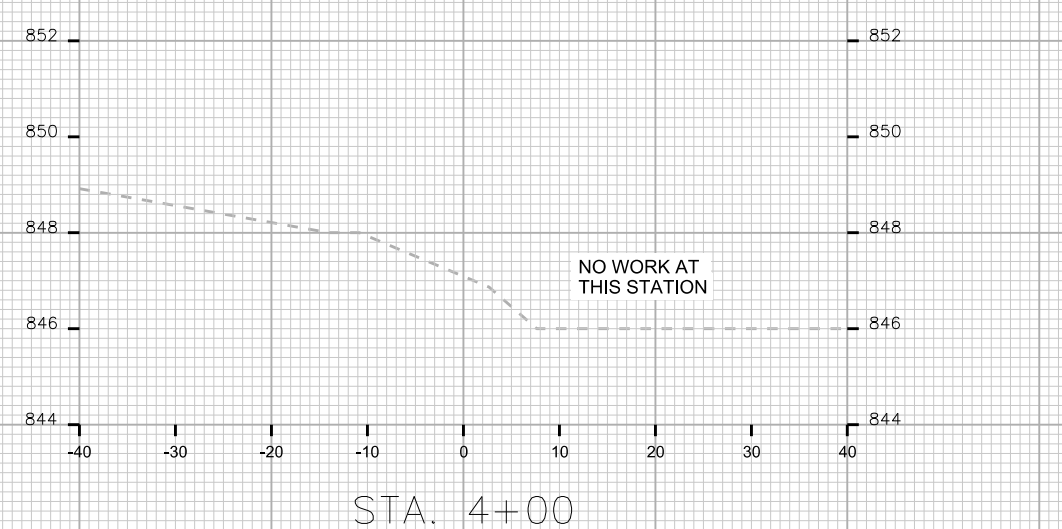
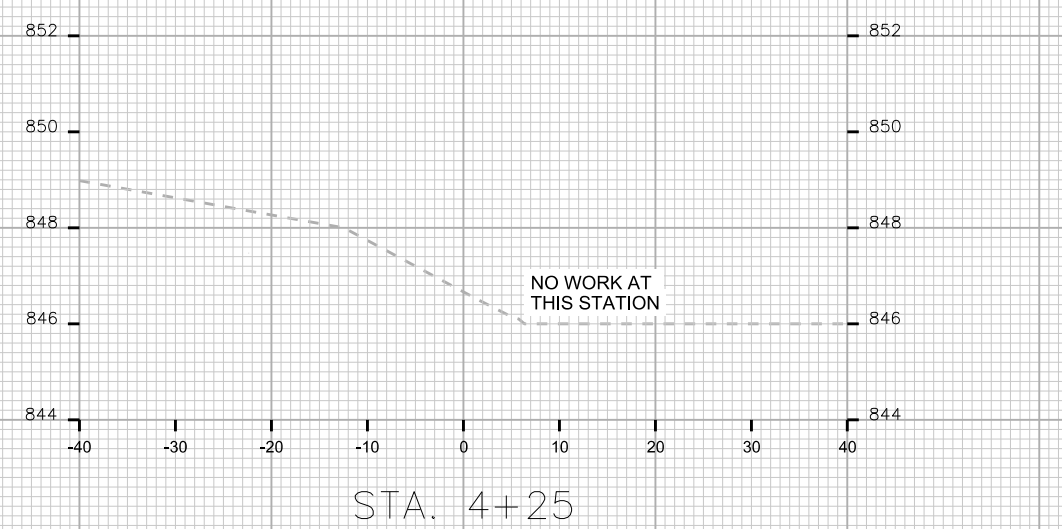
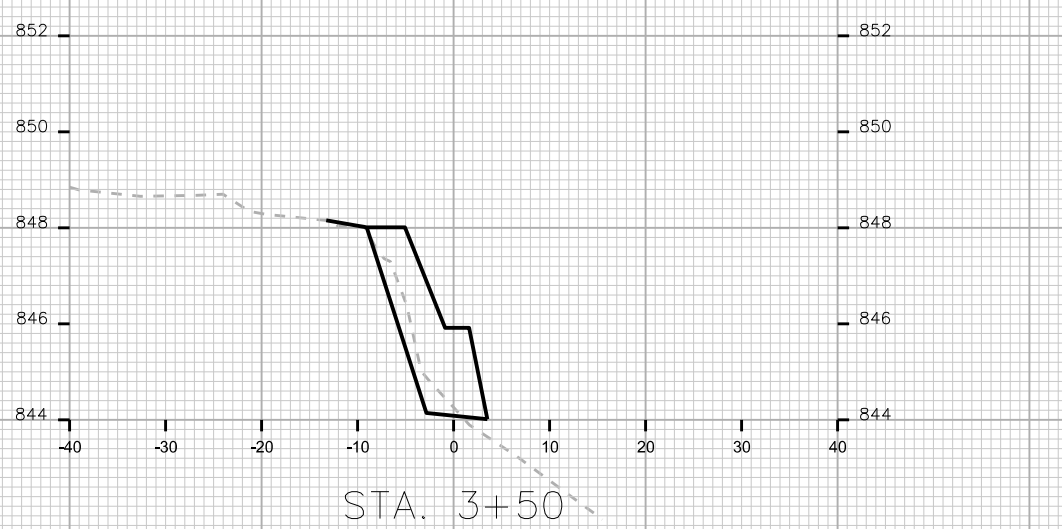
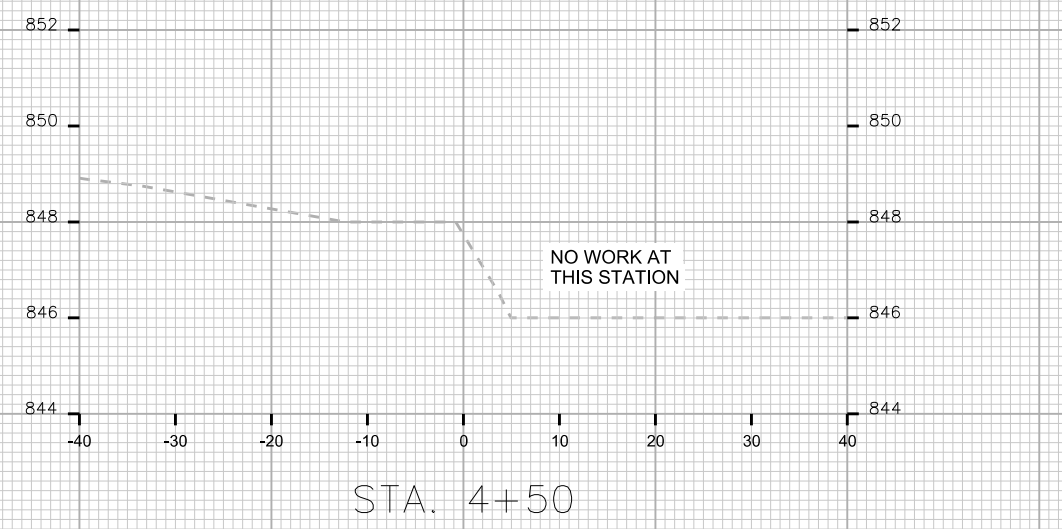
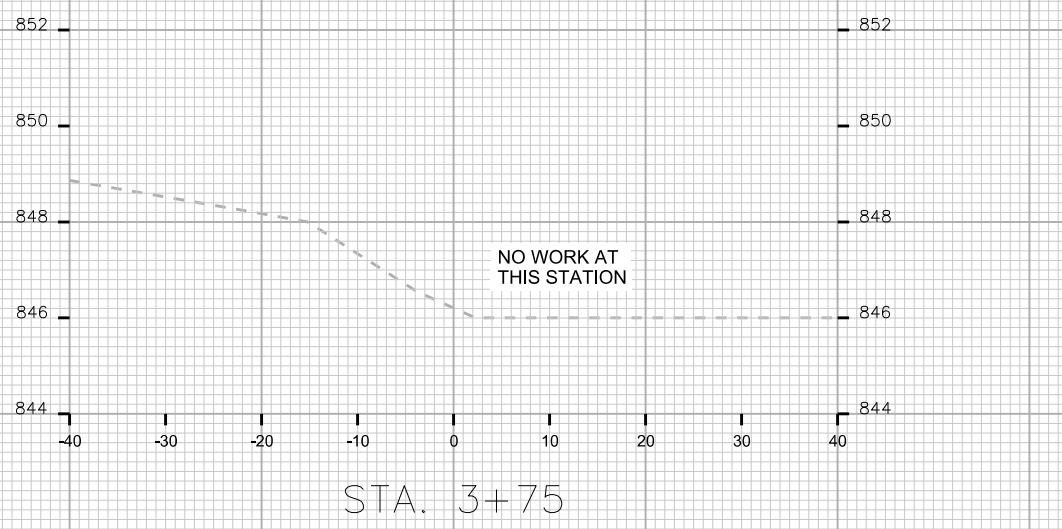
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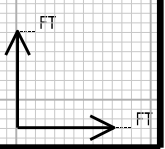
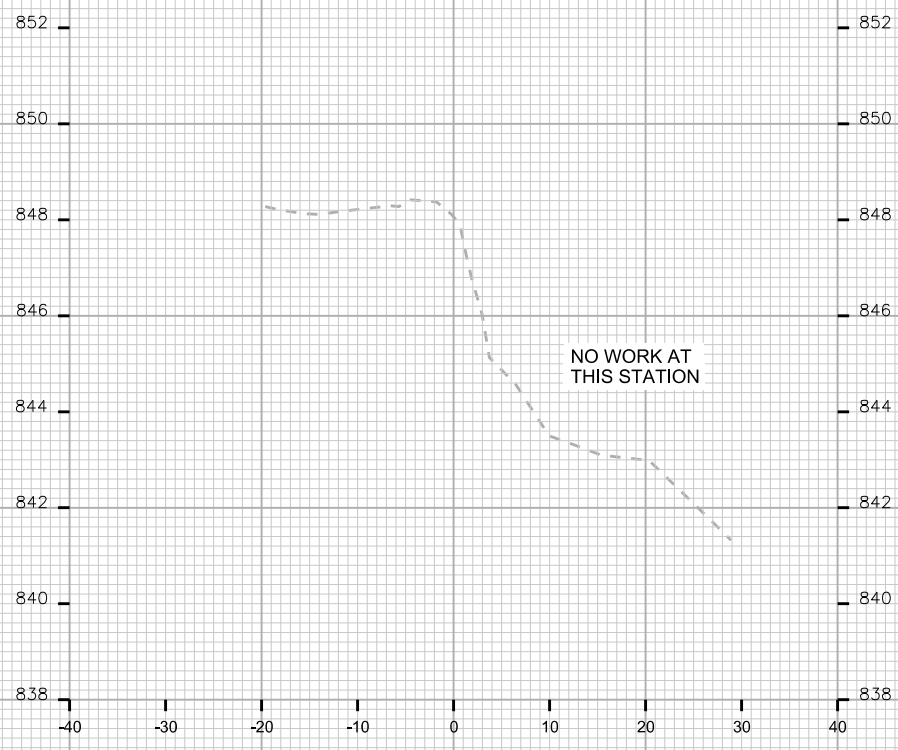
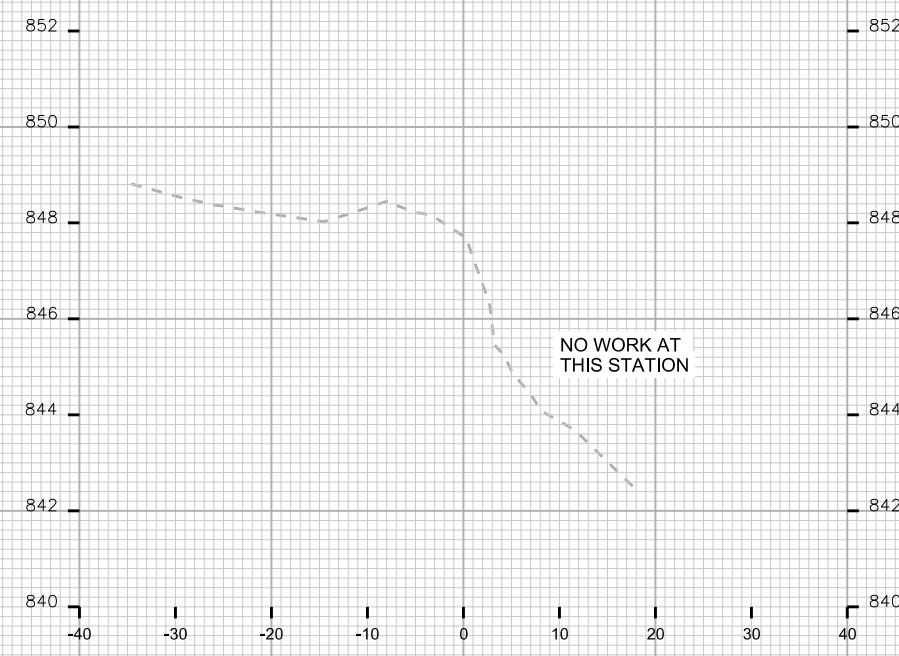
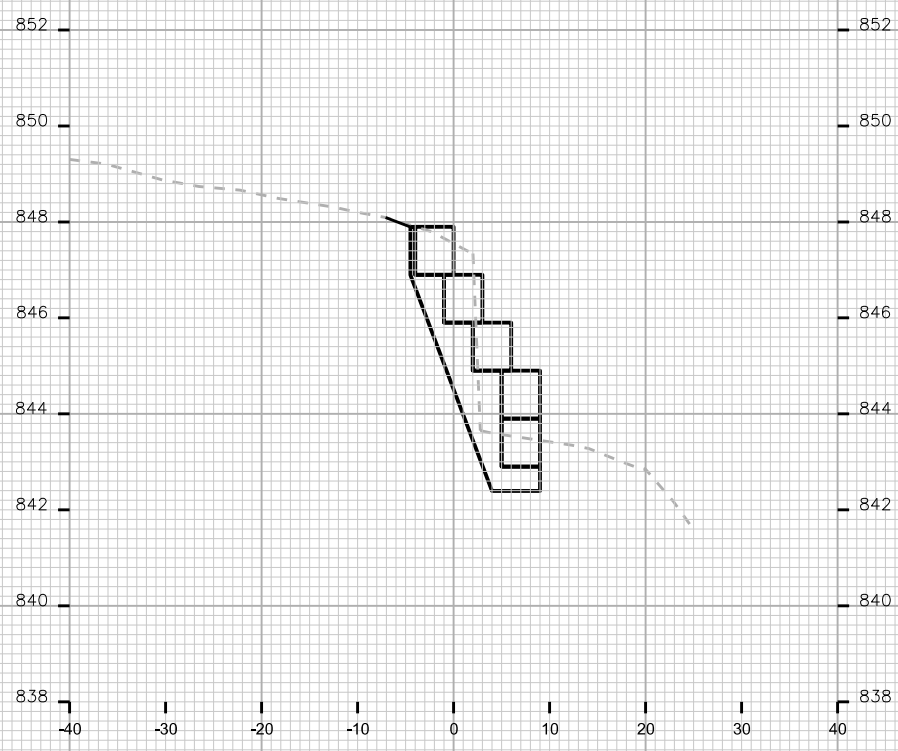
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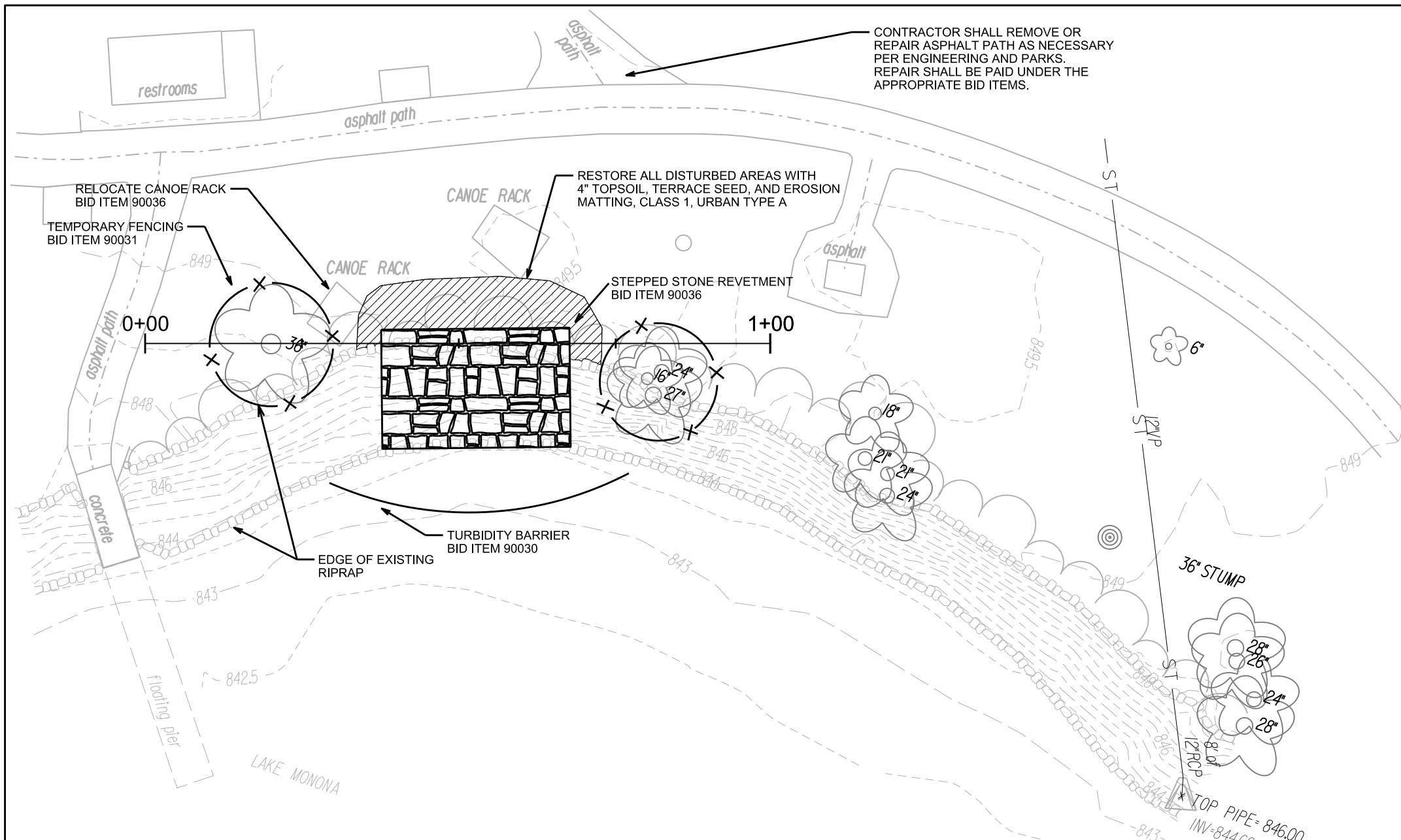
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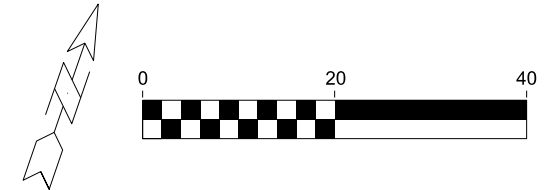
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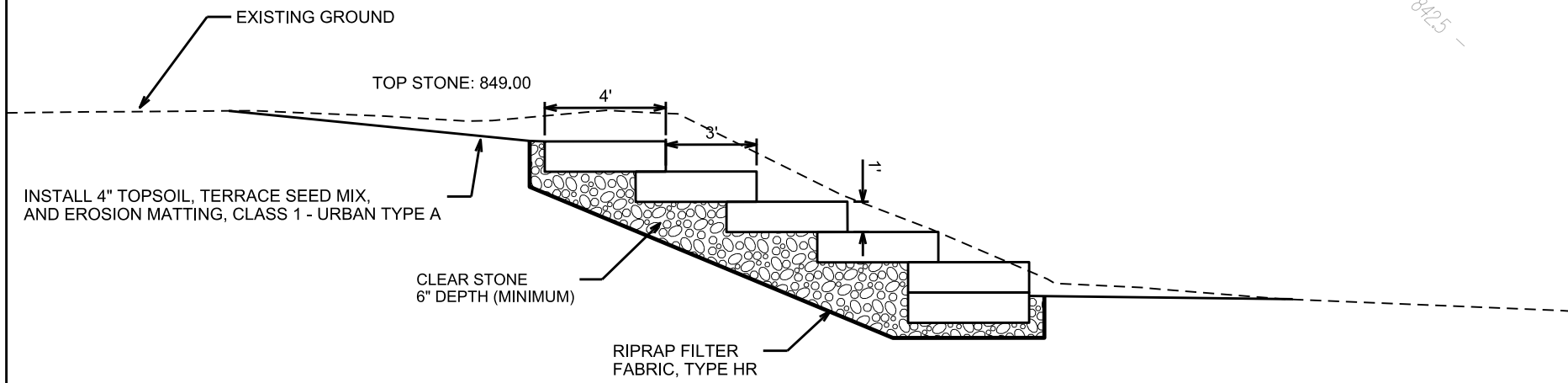




CONTRACTOR SHALL REMOVE OR
REPAIR ASPHALT PATH AS NECESSARY
PER ENGINEERING AND PARKS.
REPAIR SHALL BE PAID UNDER THE
APPROPRIATE BID ITEMS.



STEPPED STONE REVETMENT DETAIL
STATION 0+50



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