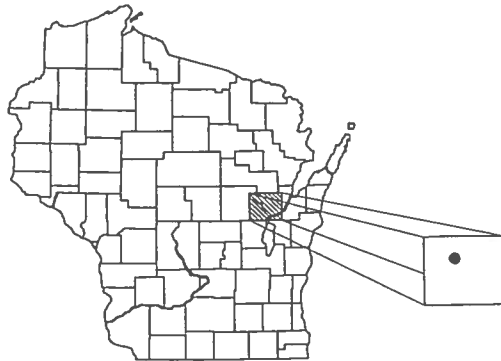


INDEX OF SHEETS

Sheet No.	1	Title
Sheet No.		Typical Sections and Details
Sheet No.		Estimate of Quantities
Sheet No.		Miscellaneous Quantities
Sheet No.		Plan and Profile
Sheet No.		Standard Detail Drawings
Sheet No.		Sign Plates
Sheet No.		Structure Plans

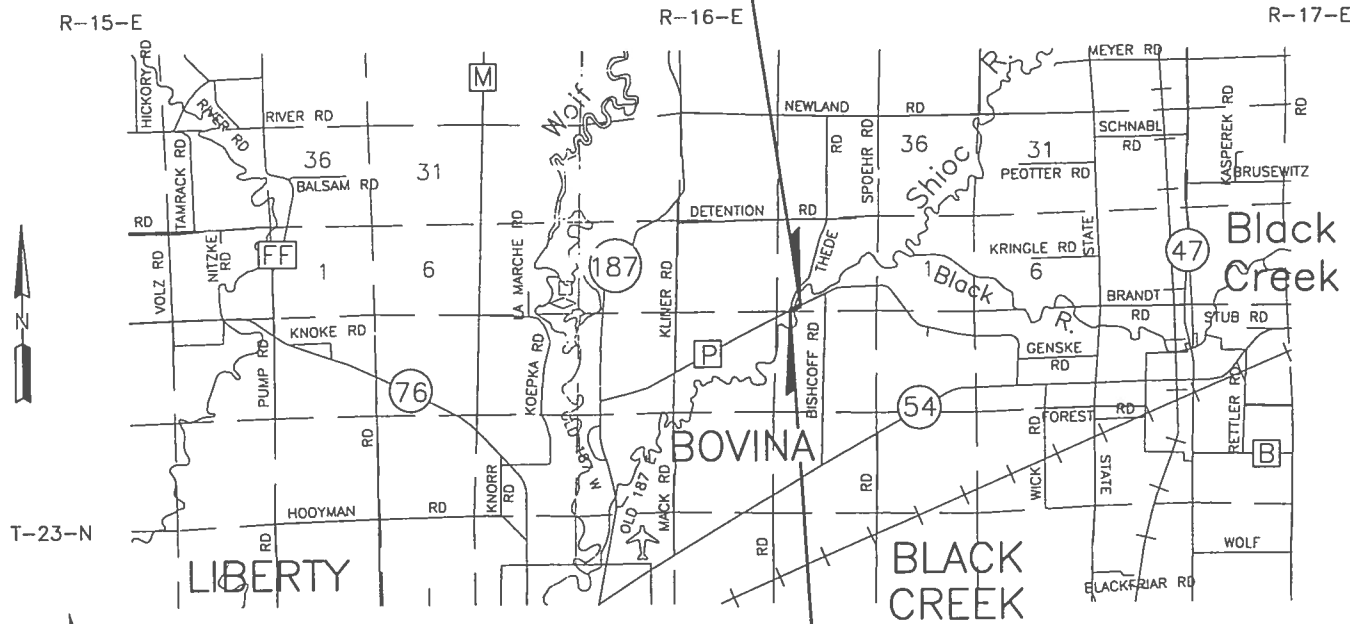
TOTAL SHEETS =



OUTAGAMIE COUNTY
HIGHWAY DEPARTMENT
REHABILITATION - MAINTENANCE PROJECT
STH 187 TO STH 54 ROAD
(SHIOC RIVER BRIDGE AND APPROACHES)
CTH P
OUTAGAMIE COUNTY

P-44-0927

END PROJECT
STA. 11+70

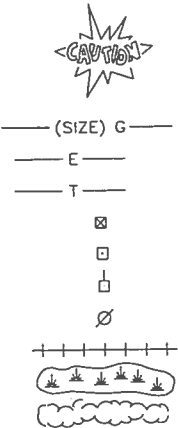


BEGIN PROJECT
STA. 9+80

CONVENTIONAL SIGNS

COUNTY LINE	---
CORPORATE LIMITS	////
PROPERTY LINE	-.-.-
LOT LINE	----
LIMITED HIGHWAY EASEMENT	-.-.-
EXISTING RIGHT OF WAY	----
NEW RIGHT OF WAY	----
REFERENCE LINE	----
SLOPE INTERCEPT	----
ORIGINAL GROUND	----
MARSH OR ROCK PROFILE	----
CULVERT IN PLACE	----
CULVERT REQUIRED	----
CULVERT REQUIRED (Profile)	----

COMBUSTIBLE FLUIDS (UNDER PRESSURE)	----
UNDERGROUND UTILITIES	----
GAS	----
ELECTRIC	----
TELEPHONE	----
SERVICE PEDESTAL	----
CABLE MARKER	----
POWER POLE	----
TELEPHONE POLE	----
RAILROADS	----
MARSH(WETLANDS)	----
WOODED AREA	----



SCALE 0 1 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 0.036 MI. (RURAL)

COORDINATES ON THIS PLAN ARE ASSUMED.

ROMENESKO ENGINEERING, LLC

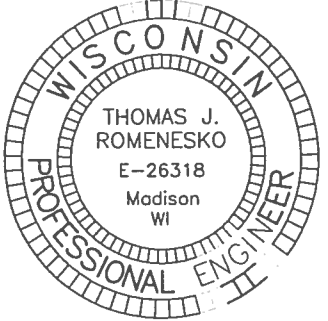
213 JACKSON STREET
SAUK CITY, WI. 53583
(608) 644-1502
FAX (608) 644-1602
romenesko@charter.net

ACCEPTED FOR

COUNTY of OUTAGAMIE

DATE: (Commissioner)

ORIGINAL PLANS PREPARED
BY
ROMENESKO ENGINEERING
MADISON, WISCONSIN



DATE: (Signature)

PREPARED BY
Surveyor MOORE SURVEYING
Designer ROMENESKO ENGINEERING

P-5

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

STEEL THRIE BEAM STRUCTURE APPROACH

STA. TO STA.	LOCATION	L.F.
9+54 - 9+87	RT.	33
11+32 - 11+65	RT.	33
11+42 - 11+75	LT.	33
TOTAL		99

STEEL PLATE BEAM GUARD, CLASS A

STA. TO STA.	LOCATION	L.F.
9+70 - 9+97	LT.	37.5
11+65 - 11+77	RT.	12.0
11+75 - 12+12.5	LT.	37.5
TOTAL		87.0

STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL

STA. TO STA.	LOCATION	EACH
9+04 - 9+54	RT.	1
11+77 - 12+27	RT.	1
12+12.5 - 12+62.5	LT.	1
TOTAL		3

REMOVING GUARDRAIL

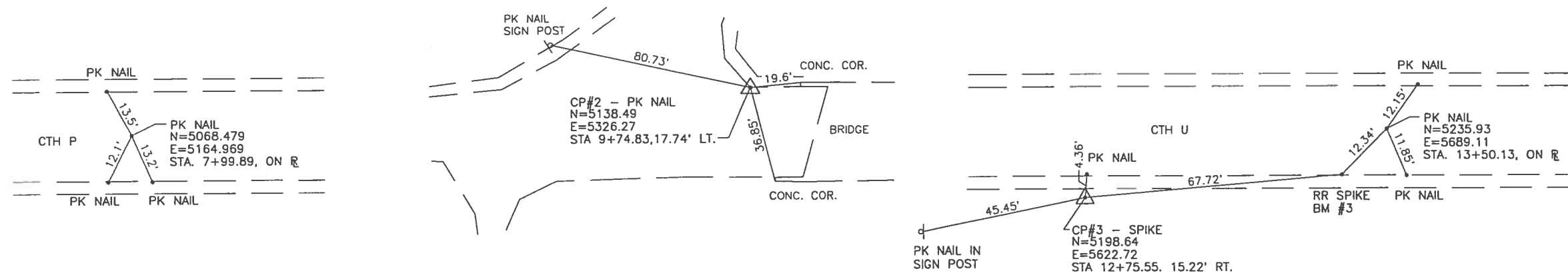
STA. TO STA.	LOCATION	L.F.
9+07 - 9+83	RT.	76
11+33 - 12+32	RT.	99
11+43 - 12+65	LT.	122
TOTAL		297

ANCHORAGES FOR STEEL PLATE BEAM GUARD, TYPE 2

STATION	LOCATION	EACH
9+70	LT.	1
TOTAL		1

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

WHEN PORTIONS OF EXISTING PAVEMENTS ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAWCUT JOINT THROUGH THE ASPHALT SO THAT REMOVAL OF THE PAVEMENT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTIONS.



CONTROL POINT TIES

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	PE	PRIVATE ENTRANCE
ASPH	ASPHALT	PVC	POINT OF VERTICAL CURVATURE
BLDG	BUILDING	PVI	POINT OF VERTICAL INTERSECTION
CE	COMMERCIAL ENTRANCE	PVT	POINT OF VERTICAL TANGENCY
CL	CENTER LINE	R	RANGE
CONC	CONCRETE	RT	RIGHT
CP	CULVERT PIPE	R/W	RIGHT OF WAY
CWT	HUNDREDWEIGHT	REQ'D	REQUIRED
CY	CUBIC YARD	SHLDR	SHOULDER
E	EAST	S	SOUTH
ELEV	ELEVATION	SF	SQUARE YARD
FE	FIELD ENTRANCE	SF	SQUARE FOOT
FT	FOOT	STA	STATION
GRAV	GRAVEL	SE	SUPERELEVATION
HW 100	HUNDRED YEAR HIGH WATER	TYP	TYPICAL
LF	LINEAR FOOT	UNCL	UNCLASSIFIED
LT	LEFT	VAR	VARIABLE
MAX	MAXIMUM	VC	VERTICAL CURVE
MI	MILE	W	WEST
MIN	MINIMUM	X	EAST GRID COORDINATE
N	NORTH	Y	NORTH GRID COORDINATE
NOR	NORMAL		

 TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGER'S HOTLINE
1-800-242-8511
TOLL FREE

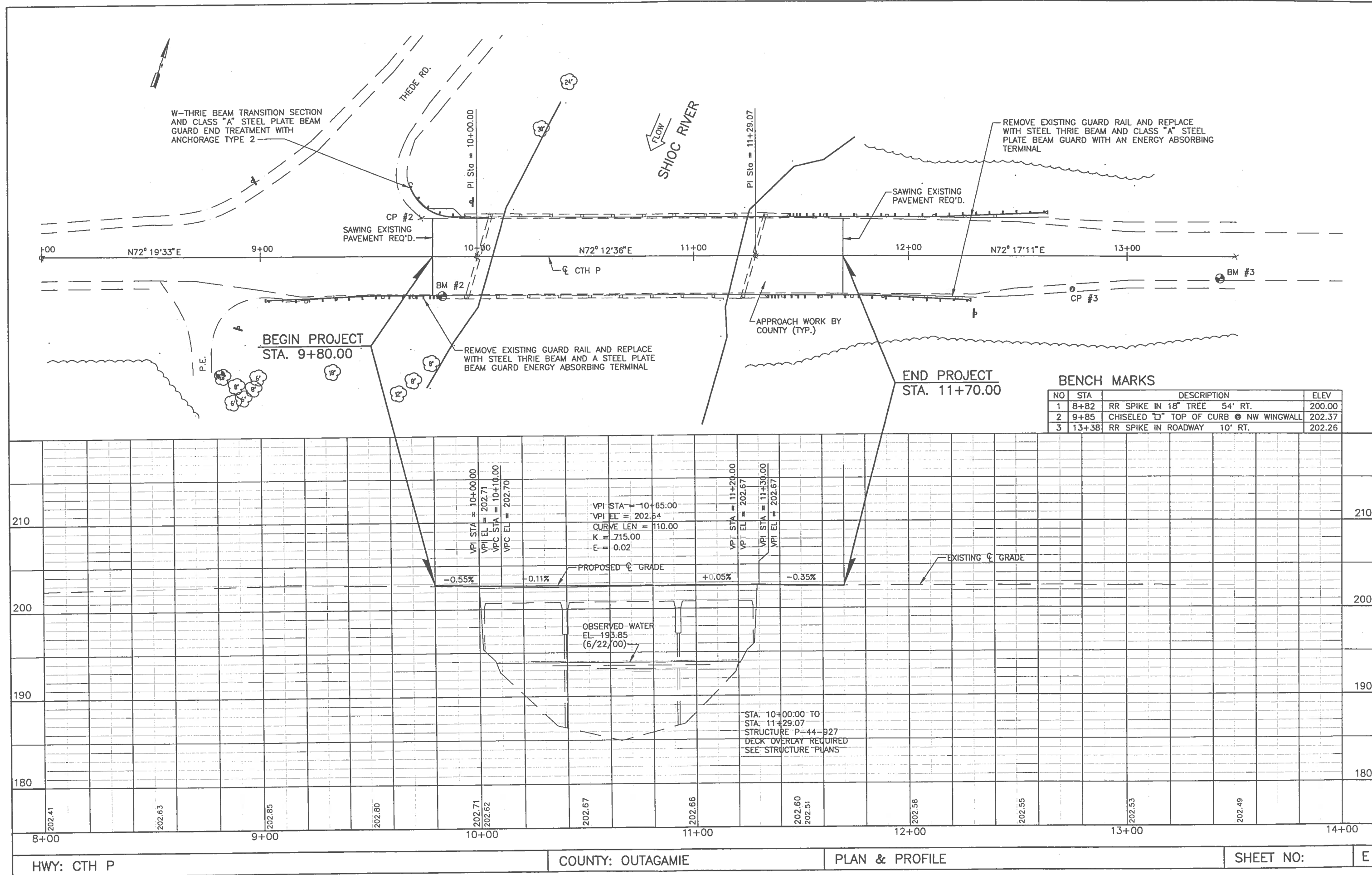
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

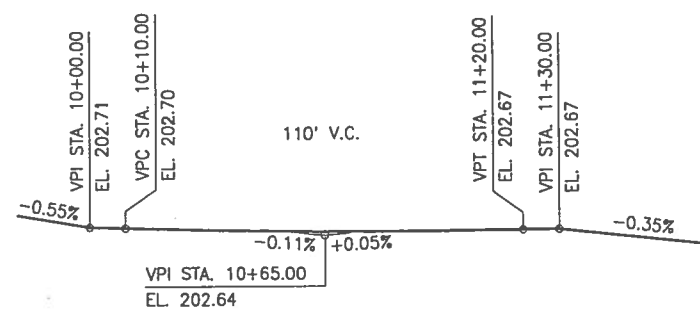
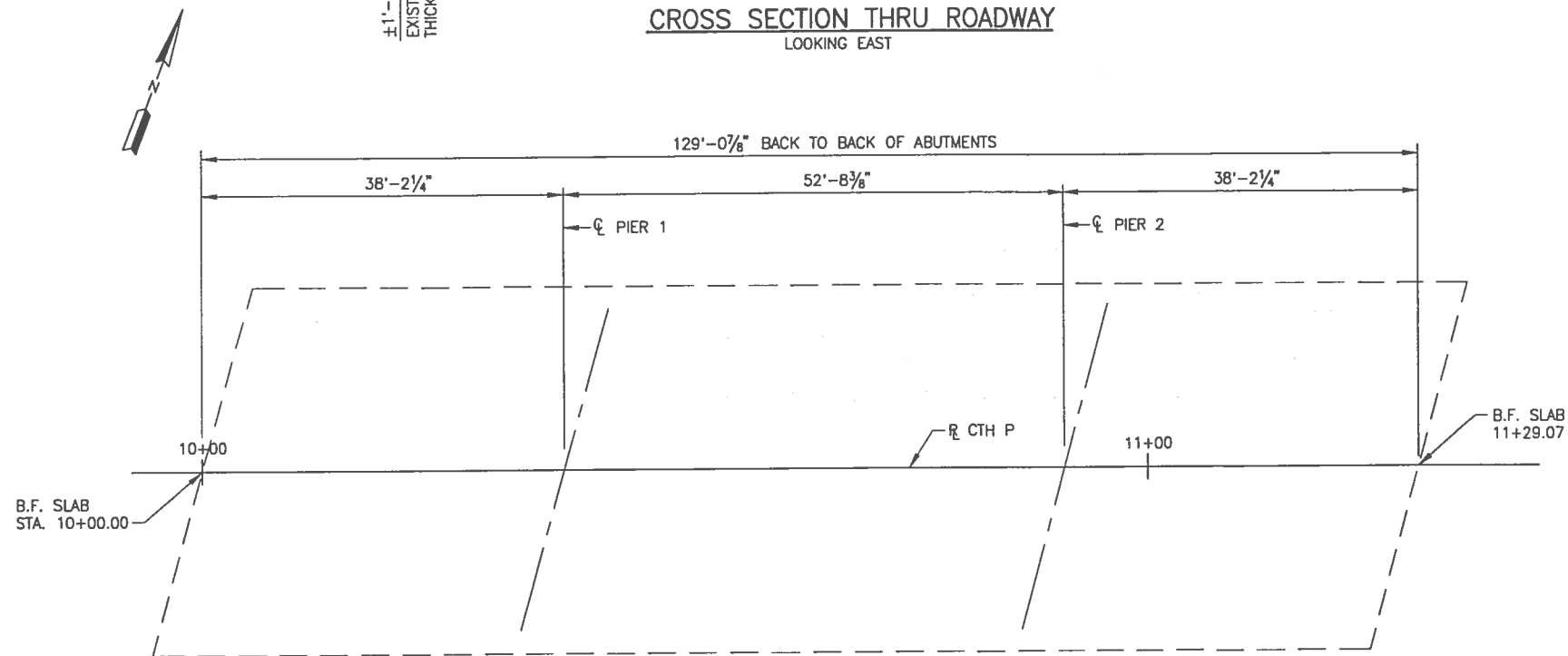
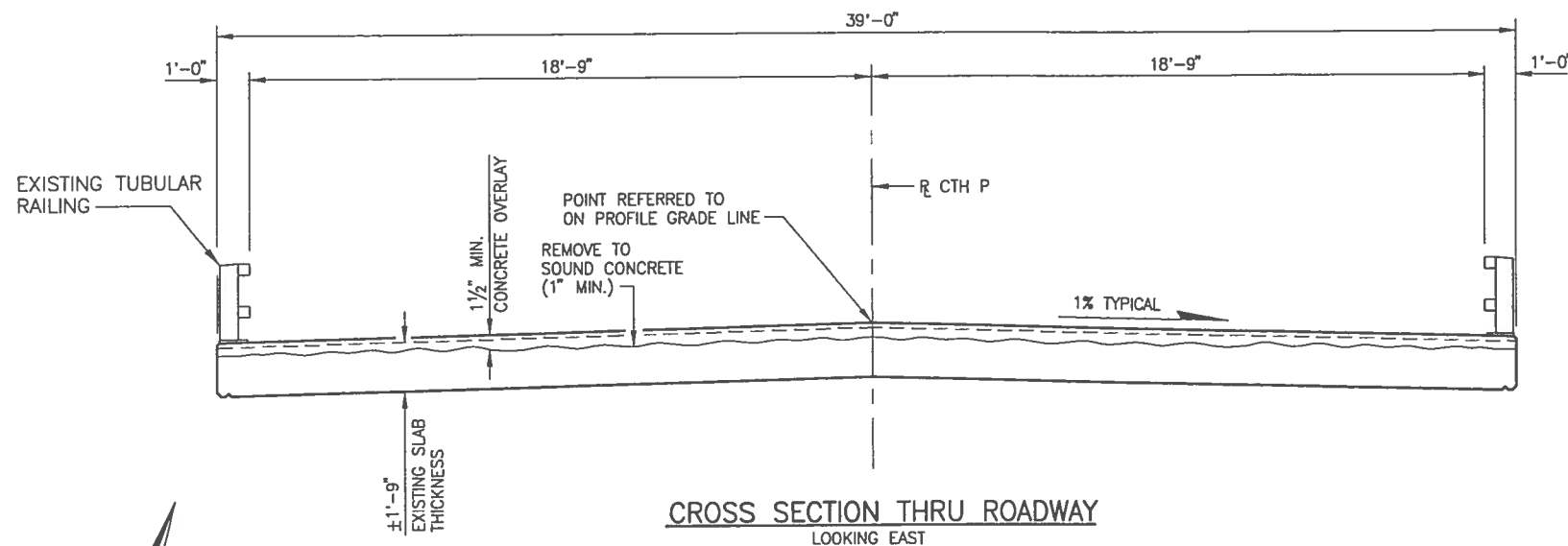
WISCONSIN STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORKING DAYS
NOTICE BEFORE YOU EXCAVATE.

DESIGN CONTACTS

ROMENESKO ENGINEERING, LLC
213 JACKSON ST.
SAUK CITY, WI 53583

ATTN: VICKI ROMENESKO
(608) 644-1502
FAX (608) 644-1602
romenesko@charter.net





BENCH MARKS

NO	STA	DESCRIPTION	ELEV
1	8+82	RR SPIKE IN 18" TREE 54' RT.	200.00
2	9+85	CHISELED "I" TOP OF CURB @ NW WINGWALL	202.37
3	13+38	RR SPIKE IN ROADWAY 10' RT.	202.26

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
 DIMENSIONS SHOWN ARE BASED ON FIELD MEASUREMENTS.
 THE CONCRETE OVERLAY THICKNESS SHALL BE 1 1/2" MINIMUM AND 3 1/2" MAXIMUM. ADJUST 1% CROSS SLOPE TO MAINTAIN THIS RANGE OF DEPTH IF NECESSARY.
 ALL CONCRETE REMOVAL NOT COVERED BY CONCRETE OVERLAY SHALL BE DEFINED BY A 1 INCH DEEP SAW CUT.

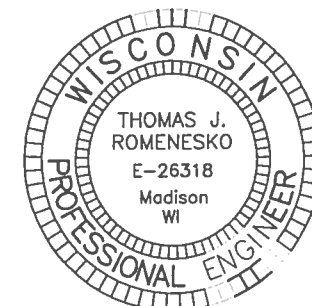
DESIGN DATA

ULTIMATE DESIGN STRESSES:
 CONCRETE MASONRY SUPERSTRUCTURE $f'_c = 4,000$ P.S.I.

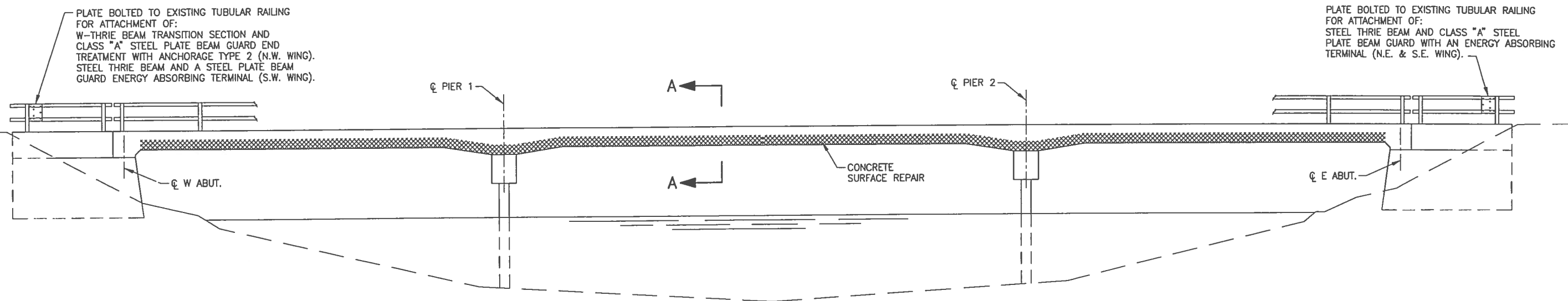
TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	TOTAL
CONCRETE MASONRY, OVERLAY, DECKS	C.Y.	32
CLEANING, DECKS	S.Y.	560
PREPARATION, DECKS, TYPE 1	S.Y.	125
PREPARATION, DECKS, TYPE 2	S.Y.	42
PROTECTIVE SURFACE TREATMENT	S.Y.	560
CONCRETE SURFACE REPAIR	S.F.	500
PAINTING, EPOXY SYSTEM, STRUCTURE P-44-927	L.S.	1

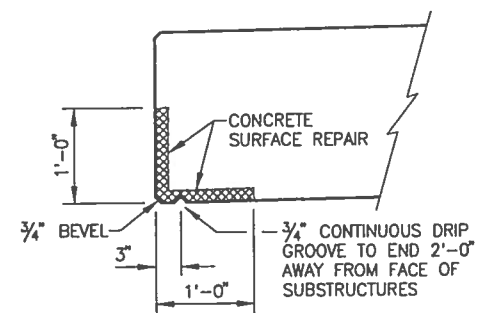
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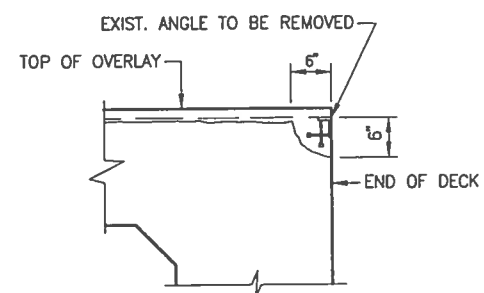
No.	Date.	Revision	By
Designed By	TR	Design Ck'd. VR	Drawn By TL
Plans Checked TR			
GENERAL PLAN			SHEET 1 OF 2



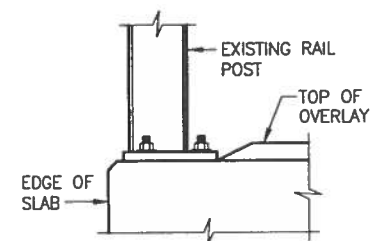
ELEVATION



PARTIAL VIEW A-A
(TYPICAL EACH SIDE OF DECK)



SECTION AT END OF SLAB
CONCRETE OVERLAY



SECTION THROUGH RAILING

No.	Date.	Revision				By
Designed By	TR	Design Ck'd.	VR	Drawn By	TL	Plans Checked TR
DETAILS						SHEET 2 OF 2