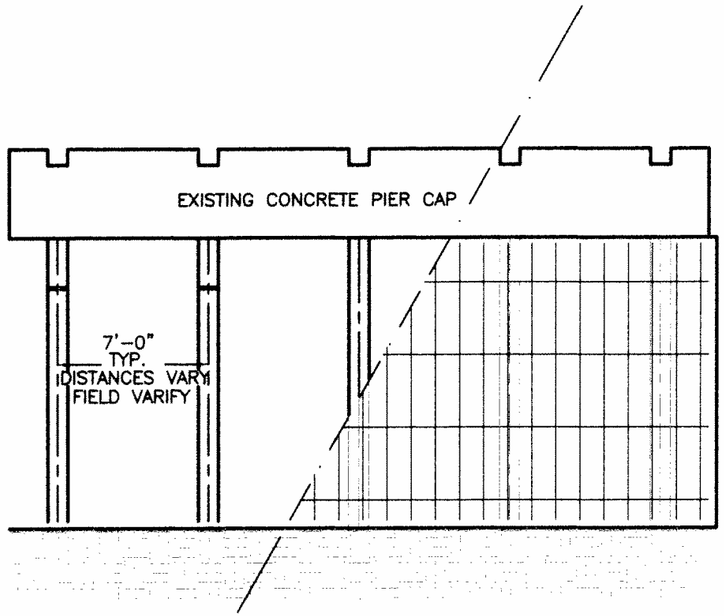
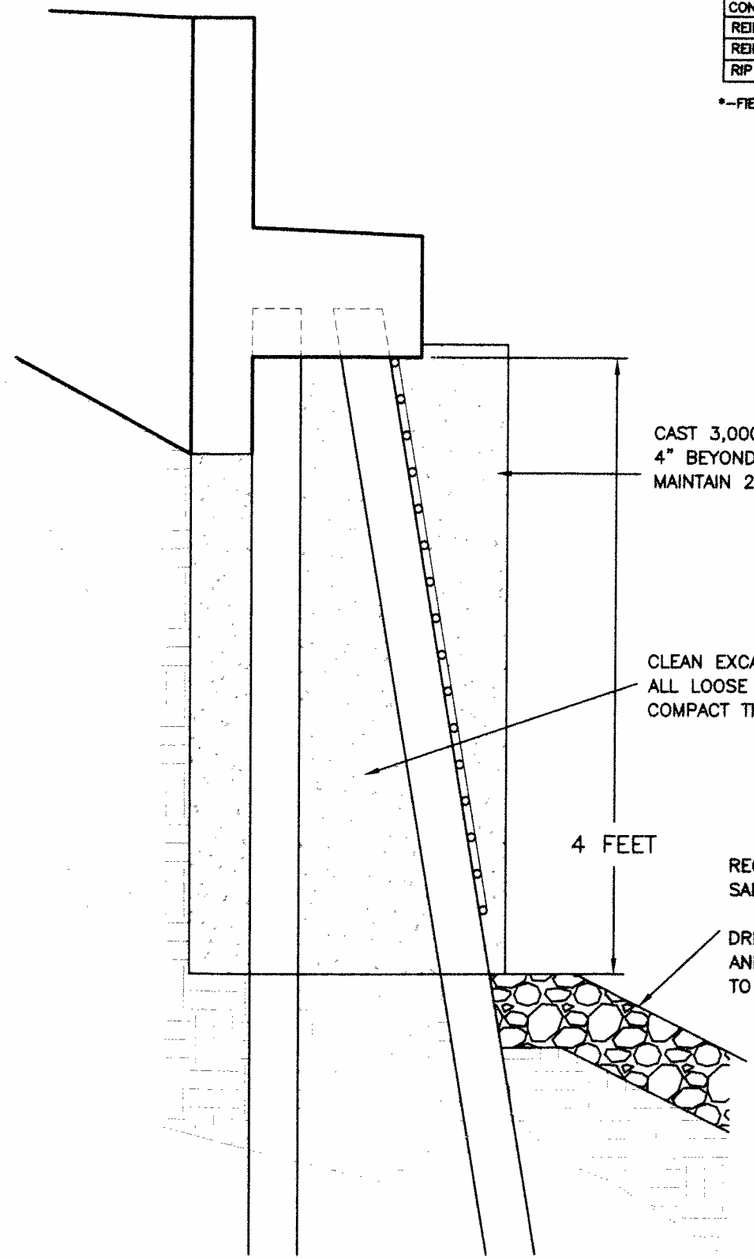
ITEM	DESCRIPTION	QTY		TOTAL
CONCRETE (Class A)	3,000 PSI A/E			24 CY
REINFORCEMENT	#5 REBAR	16	20'-0"	320 LF
REINFORCEMENT	#4 REBAR	20	*20'-0"	*400 LF
RIP RAP	NEW OR RECYCLED		24" MIN	200 TON

*-FIELD CUT AND WELD #4 TO EXISTING PILES TO TIE REINFORCEMENT AND FORMS





1. EXCAVATE 4' BELOW THE BOTTOM OF THE ABUTMENT, FULL WIDTH TO EXPOSE ALL THE STEEL PILINGS. REMOVE ALL LOOSE MATERIALS AND POWER WASH PILES UNTIL CLEAN. COMPACT THE WORK AREA SUBGRADE.

2. PREPARE WELDING SURFACES BY WIRE BRUSH OR GRINDING THE PILE TO EXPOSE FRESH BASE METAL PRIOR TO WELDING.

3. REINFORCEMENT –HORZ. #5 REBAR SPACED 12" ON CENTER
VERT. #4 REBAR SPACED 9" ON CENTER

4. NOTE – THE EXISTING PILES ARE DRIVEN IN THE STANDARD OFFSET PATTERN, ALL DIMENSIONS MUST BE FIELD VARIFIED. WELD #4 REBAR TO THE EXISTING PILES TO ANCHOR FORMWORK AND SUPPORT REINFORCEMENT AS NEEDED.

5. CAST NEW FOOTING EXTENSION USING 3,000 PSI, AIR ENTRAINED CONCRETE. MAINTAIN A MINIMUM 2" COVER OVER THE REINFORCING BARS.

5. DRESS THE CUTSLOPE FACE WITH 200 TON RIP RAP
24" MIN. BLANKET THICKNESS

WAGONER COUNTY BRIDGE REPAIR STANDARD PLANS FOR:
NBI 21011 & NBI 21012 & NBI 21013
LOCAL 152 LOCAL 149 LOCAL 151

BRIDGE 21011 IS LOCATED OVER ADAMS CREEK ON 273RD EAST AVENUE NEAR EAST 48TH STREET.

BRIDGE 21012 IS LOCATED OVER ADAMS CREEK ON 305TH EAST AVENUE NEAR EAST 51ST STREET.

BRIDGE 21013 IS LOCATED OVER ADAMS CREEK ON 241ST EAST AVENUE NEAR EAST 65TH STREET.

LICENSED PROFESSIONAL ENGINEER
MONTY L. PROCTOR
05/01/2014
23098
OKLAHOMA

DESIGN	MLP	
DRAWN	MLP	
CHECKED	MLP	
APPROVED	MLP	
REVISED		

WAGONER COUNTY ENGINEER
STATE OF OKLAHOMA

DISTRICT 1

ABUTMENT FOOTING EXTENSION

NTS

SHEET NO. 1