PROJECT REFERENCE	SHEET NO.
B-5687 – WARREN 43	UO-1

Prepared in the Office of:

THE WOOTEN COMPANY
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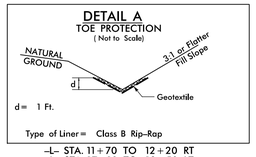
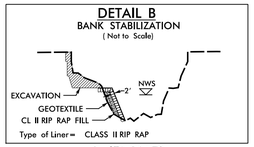
GRAPHIC SCALE 25' 0 25' 50'

UTILITIES BY OTHERS

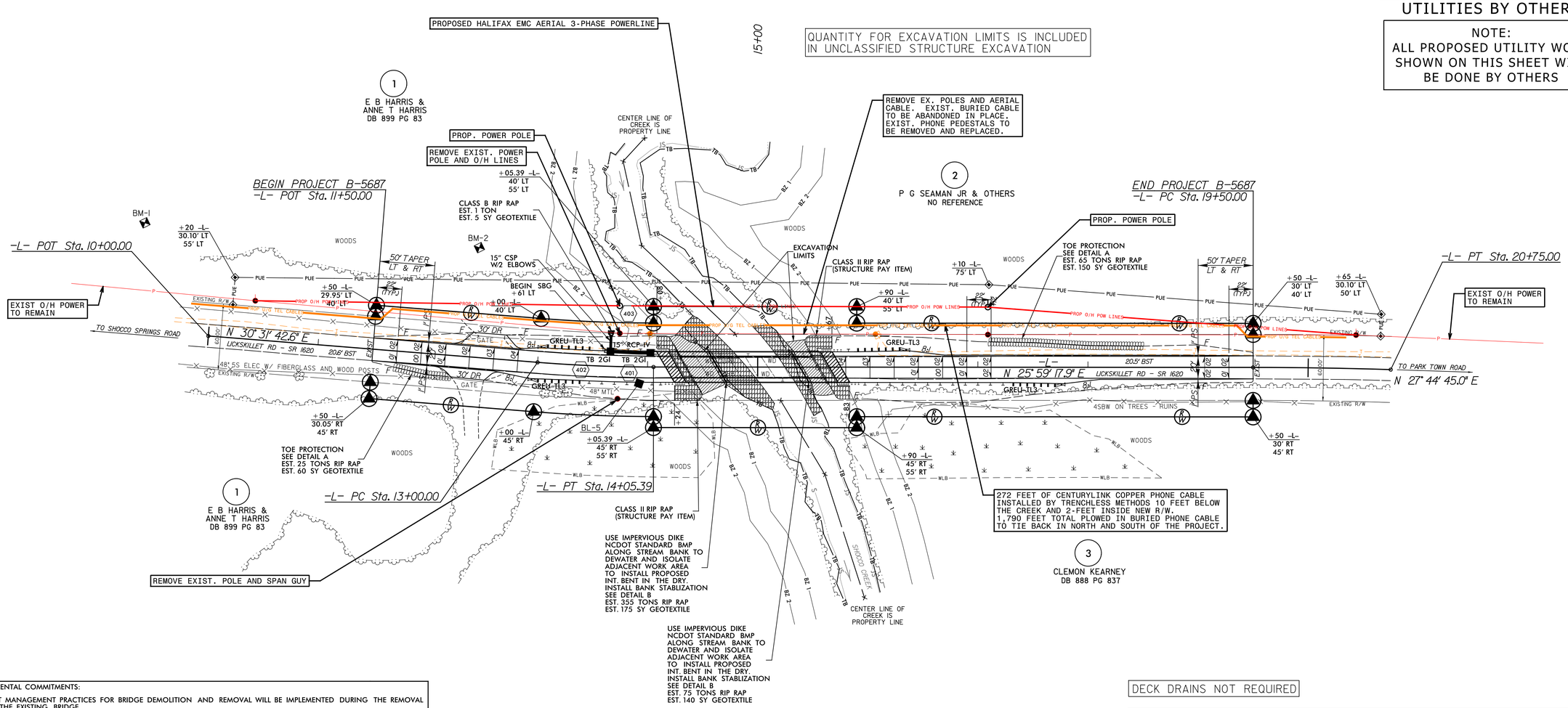
NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS



-L- STA. 11+70 TO 12+20 RT
-L- STA. 17+10 TO 18+50 LT



-L- STA. 14+70
-L- STA. 15+35



ENVIRONMENTAL COMMITMENTS:

- BEST MANAGEMENT PRACTICES FOR BRIDGE DEMOLITION AND REMOVAL WILL BE IMPLEMENTED DURING THE REMOVAL OF THE EXISTING BRIDGE.
- THE BRIDGE WILL BE REMOVED FROM THE TOP DOWN, FIRST REMOVING THE ASPHALT WITH CONTAINMENT MEASURES IN PLACE TO PREVENT ASPHALT FROM DROPPING INTO THE STREAM. THE METHOD OF CONTAINMENT WILL BE PROPOSED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THIS WILL BE FOLLOWED BY REMOVAL OF THE DECKING, GIRDERS, ETC., AND FINALLY THE WOODEN PILES. AN ATTEMPT WILL BE MADE TO REMOVE THE PILES; HOWEVER, IF THIS CANNOT BE ACCOMPLISHED WITH MINIMAL SUBSTRATE DISTURBANCE, THE PILES WILL BE PINCHED OFF ONE FOOT BELOW THE MUD LINE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL NOT BE ALLOWED TO DRAG REMOVED TIMBER PILES ON OR ACROSS THE STREAMBED.
- IF STILL PRESENT AT THE TIME OF CONSTRUCTION, A FALLEN TREE CROSSING THE STREAM BELOW THE EXISTING BRIDGE WILL BE REMOVED TO PREVENT POTENTIAL BANK EROSION CAUSED BY THE TREE. THE ENGINEER WILL EVALUATE IF THE ROOT BALL CAN REMAIN IN PLACE. THE REMOVAL OF THE TREE IS CONSIDERED INCIDENTAL TO CLEARING AND GRUBBING.
- EXISTING TIMBER ABUTMENTS WILL BE COMPLETELY REMOVED.

ENVIRONMENTAL COMMITMENTS:

-THERE SHALL BE NO IMPACTS TO THE STREAM CHANNEL OR CLEARING/GRUBBING OF TREES OR VEGETATION ALONG THE STREAMBANK FROM ANY UTILITY WORK.

- CONTRACTOR WILL USE NCDOT APPROVED EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES AND MAINTAIN THEM AS NECESSARY ON THE DEPARTMENT'S RIGHT OF WAY OR LEGALLY OBTAINED EASEMENTS. THE METHODS FOR EROSION CONTROL FOR THIS PROJECT MUST MEET EXPECTATIONS OF DESIGN STANDARDS IN SENSITIVE WATERSHEDS.

-IN AREAS IDENTIFIED AS ENVIRONMENTALLY SENSITIVE AREAS, EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY FOLLOWING LAND DISTURBING ACTIVITIES.

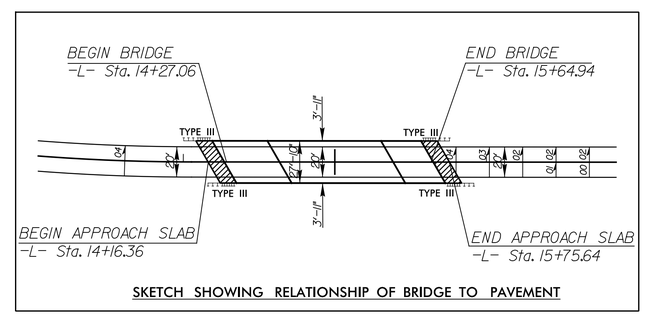
-CONTACT THE RESIDENT ENGINEER AND DIVISION ENVIRONMENTAL OFFICER PRIOR TO ANY WORK CONDUCTED IN THE DEPARTMENT'S RIGHT OF WAY OR LEGALLY OBTAINED EASEMENTS.

IMPERVIOUS DIKE SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF THE EXISTING STRUCTURE

-L-

PI Sta 13+52.72	PI Sta 20+12.50
Δ = 4° 32' 24.7" (LT)	Δ = 1° 45' 27.1" (RT)
D = 4° 18' 28.6"	D = 1° 24' 21.7"
L = 105.39'	L = 125.00'
T = 52.72'	T = 62.50'
R = 1,330.00'	R = 4,075.00'

DECK DRAINS NOT REQUIRED



SKETCH SHOWING RELATIONSHIP OF BRIDGE TO PAVEMENT

FOR STRUCTURE PLANS SEE SHEETS S-1 THRU S-24

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jharris