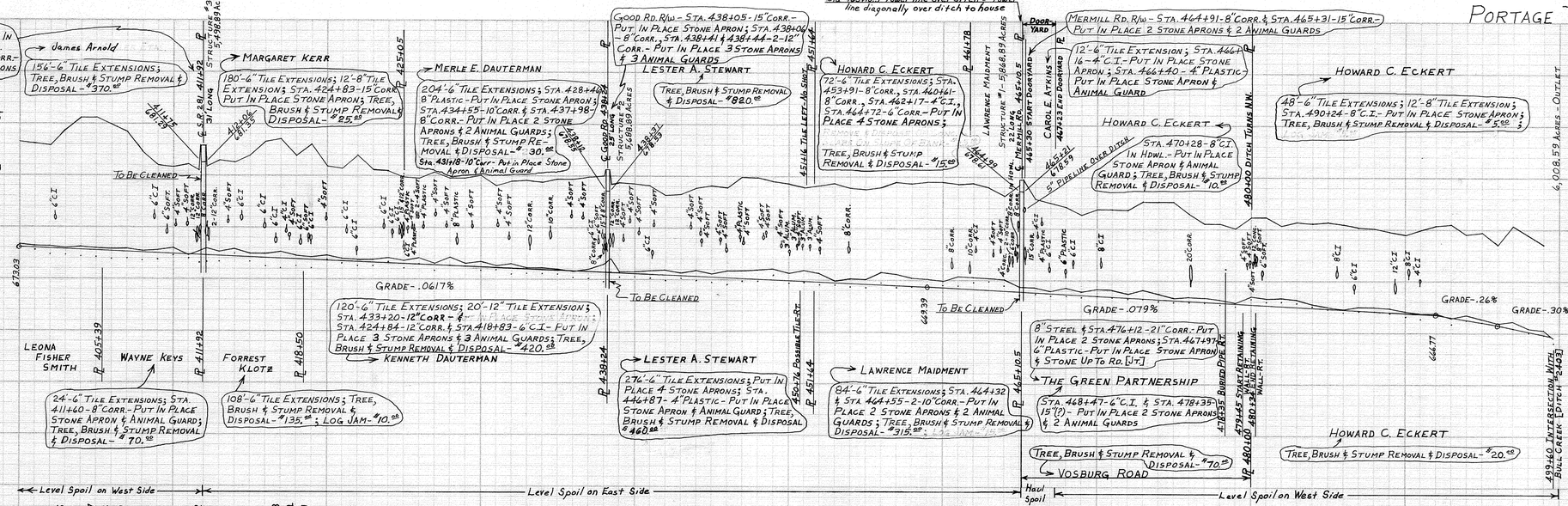
PORTAGE TWP. TR. DITCH #2435

B.M. #13 – STA. 412± "D" CUT S.E. COR. EAST ABUT. CONC. BR. @ S.R. 281 ELEV. – 682.57

B.M. #14 – STA. 438+12 "D" CUT S.E. COR. EAST ABUT. CONC. BR. @ GOOD RD. ELEV. – 681.30

B.M. #15 – STA. 465+21 "D" CUT N. PT. N.E. WING CONC. BR. @ MERMILL & VOSBURG RD. ELEV. – 679.50

B.M. #16 – STA. 479+45 S. PT. S.E. WING OF RETAINING WALL ELEV. – 676.33



STATION	HUB	GRADE	CUT
400	68323	673.03	10.20
401	68309	672.97	10.12
402	68289	672.91	9.98
403	68439	672.84	11.55
404	68559	672.78	12.81
405	68559	672.72	12.87
406	68490	672.66	12.24
407	68420	672.60	11.60
408	68230	672.54	9.76
409	68100	672.47	8.53
410	68080	672.41	8.39
411	68110	672.35	8.75
412	68291	672.29	10.06
413	68146	672.23	9.23
414	68126	672.17	9.07
415	68196	672.10	9.86
416	68326	672.04	11.22
417	68356	671.98	11.58
418	68196	671.92	10.04
419	68306	671.86	11.20
420	68089	671.80	9.09
421	68069	671.73	8.96
422	68199	671.67	10.32
423	68059	671.61	8.98
424	68049	671.55	8.94
425	67989	671.49	8.40
426	67974	671.43	8.31
427	68034	671.36	8.98
428	67974	671.30	8.44
429	67974	671.24	8.50
430	68004	671.18	8.86
431	67904	671.12	7.92
432	67949	671.06	8.43
433	67959	670.99	8.60
434	67939	670.93	8.46
435	67969	670.87	8.82
436	67969	670.81	8.88
437	67990	670.75	9.15
438	68000	670.69	9.31
439	67995	670.62	8.73
440	67925	670.56	8.09
441	67905	670.50	8.55
442	67815	670.44	7.71
443	67825	670.38	7.87
444	67887	670.32	8.55
445	67907	670.25	8.82
446	67887	670.19	8.68
447	67997	670.13	9.84
448	67987	670.07	9.80
449	67944	670.01	9.43
450	67924	669.95	9.29
451	67894	669.88	9.06
452	67914	669.82	9.32
453	67934	669.76	9.58
454	67887	669.70	9.17
455	67877	669.64	9.13
456	67897	669.58	9.39
457	67947	669.51	9.96
458	67929	669.45	9.84
459	67949	669.39	10.10
460	67949	669.31	10.18
461	67929	669.23	10.06
462	67939	669.15	10.24
463	67898	669.07	9.91
464	67818	668.99	9.19
465	67928	668.91	10.37
466	67889	668.83	9.06
467	67849	668.75	8.74
468	67809	668.68	8.41
469	67639	668.60	7.79
470	67689	668.52	8.37
471	67689	668.44	8.45
472	67682	668.36	8.46
473	67642	668.28	8.34
474	67642	668.20	8.42
475	67642	668.12	8.50
476	67652	668.04	8.48
477	67557	667.96	7.61
478	67557	667.88	7.69
479	67507	667.80	7.27
480	67617	667.72	8.45
481	67617	667.64	8.53
482	67537	667.56	7.81
483	67567	667.48	8.19
484	67557	667.41	8.16
485	67567	667.33	8.34
486	67547	667.25	8.22
487	67517	667.17	8.00
488	67507	667.09	7.98
489	67477	667.01	7.76
490	67447	666.93	7.54
491	67397	666.85	8.12
492	67537	666.77	8.60
493	67553	666.51	9.02
494	67453	666.25	8.28
495	67473	665.99	8.74
496	67353	665.73	7.80
497	67533	665.43	9.90
498	67443	665.13	9.30
499	67353	664.83	8.70
		664.65	

3a.) Hancock-Wood Elec. Co-op Inc.

E) Sta. 465+10.5 Power line over ditch & Power line diagonally over ditch to house
F) Sta. 359+02 Power line over ditch
G) Sta. 184+89 Power line over ditch
H) Sta. 153+56 Power line over ditch

UTILITIES AND PUBLIC SERVICES

THE CONTRACTOR SHALL NOTIFY, AT LEAST FIVE [5] WORKING DAYS BEFORE DIGGING, ALL PUBLIC SERVICE CORPORATIONS AND PRIVATE OWNERS HAVING PIPE, WIRES, POLES, CONDUITS, MANHOLES OR OTHER STRUCTURES WHICH ARE AFFECTED AND NOT SHOWN ON THESE PLANS.

UTILITY OWNERSHIP

1) BUCKEYE PIPELINE CO. PHONE - 655-2381
P.O. BOX 127
ROCK RIDGE RD.
CYGNET, OHIO 43413
A) STA. 465+30-5" PIPELINE OVER DITCH [ABANDONED]
B) STA. 224+26.5 & STA. 224+28-2-8" GAS LINES & 3 BURIED LINES
C) STA. 95+34.5-12" PETROLEUM PIPELINE BURIED THRU DITCH CROSS-SECTION.

2) SUBURBAN FUEL GAS, INC. PHONE - 655-2345
FRONT ST.
CYGNET, OHIO 43413
ATTN.: JOE WHITE
STA. 298+97 GAS LINE OVER DITCH.

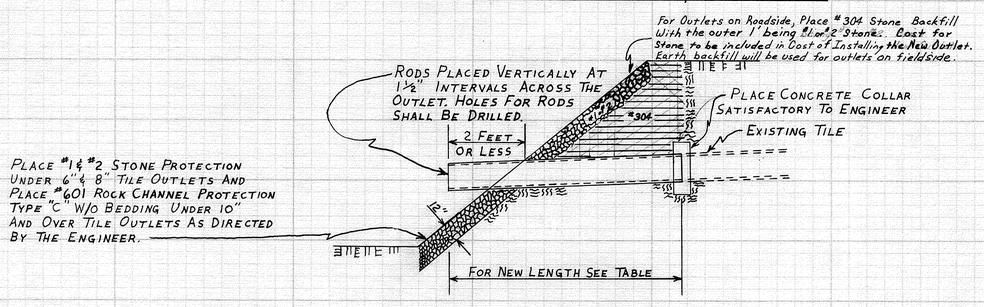
3) HANCOCK-WOOD ELECTRIC CO-OP, INC. [Cont. - see 3a]
2451 GRANT RD. PHONE - 257-3241
NORTH BALTIMORE, OHIO 45872
ATTN.: PETE MAIN
A) STA. 226+03 POWER LINE OVER DITCH
B) STA. 187+00 POWER LINES OVER DITCH
C) STA. 61+50 - STA. 102+99 POWER LINES & POLES SETTING ON TOP WEST SIDE OF DITCH BANK [FIELD SIDE]
D) STA. 0+00 - STA. 20+90.5 POWER LINES & POLES SETTING ON TOP EAST SIDE OF DITCH BANK [FIELD SIDE]

4) UNITED TELEPHONE SERVICE PHONE - 335-4526
146 NORTH FULTON
WAUSEON, OHIO 43567
ATTN.: TIM TAYLOR
A) STA. 225+03 TELEPHONE LINE OVER DITCH
B) STA. 102+00 - STA. 121+37.5 TELEPHONE LINE & POLES SETTING ON TOP WEST SIDE OF DITCH BANK [FIELD SIDE]
C) STA. 49+00± BURIED CABLE THRU DITCH CROSS-SECTION

5) W.H. DENNIS & SONS GAS LINE PHONE - 454-2531
P.O. BOX 111
210 BEALL DRIVE
BLOOMDALE, OHIO 44817
ATTN.: FRANK BARNHART SR.
STA. 107+80 GAS LINE CROSSES UNDER ROSENDALE RD. FROM WEST SIDE TO EAST SIDE; STA. 102+25 - STA. 107+80 GAS LINE BURIED BETWEEN EAST DITCH BANK & ROSENDALE RD.; STA. 102+25 - 3" GAS LINE CROSSES DITCH FROM WEST SIDE TO EAST SIDE OF DITCH BANK; STA. 81+99 - STA. 102+25 GAS LINE LOCATED ON TOP WEST DITCH BANK [FIELD SIDE]; STA. 81+99 GAS LINE CROSSES DITCH FROM THE EAST TO THE WEST SIDE OF DITCH BANK [FIELD SIDE (Abandoned)]

OHIO UTILITIES PROTECTION SERVICE PHONE NUMBER 800-362-2764, CALLING THIS NUMBER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITIES WHO MAY NOT BE PART OF THIS ALERT NUMBER.

PIPE REPLACEMENT TABLE & DETAIL

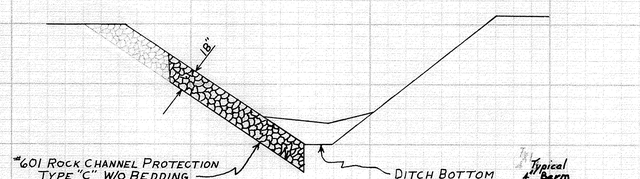


	EXISTING TILE SIZE		
	6" & UNDER	8"	10" & OVER
NEW TILE SIZE REPLACEMENT	6"	8"	10" & OVER
NEW TILE LENGTHS REPLACEMENT	12 FEET	12 FEET	20 FEET

NOTE:

REMOVE SUFFICIENT LENGTH OF EXISTING TILE OR PIPE AS DIRECTED BY THE ENGINEER. COST OF THE CONCRETE COLLAR, STONE PROTECTION, VERTICAL RODS, REMOVAL AND DISPOSAL OF EXISTING PIPE SHALL BE INCLUDED IN THE COST OF NEW PIPE. SIZE OF THE NEW TYPE "F" [707.12] OR TYPE "E" [711.29] CONDUIT SHALL BE EQUAL TO EXISTING. HOWEVER, ALL 3", 4" & 5" EXISTING PIPE SHALL USE 6" AS PIPE REPLACEMENT.

ROCK CHANNEL PROTECTION DETAIL



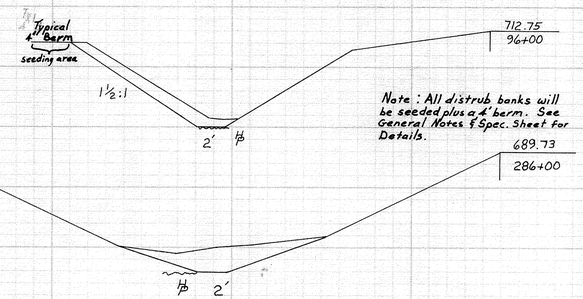
#601 ROCK CHANNEL PROTECTION TYPE "C" W/O BEDDING

LOCATIONS WILL BE DETERMINED IN THE FIELD. THE TENTATIVE LOCATIONS ARE AS FOLLOWS:

STA. 499+00 – 499+60	60 LIN. FT.	47 YD³
STA. 490+ – 491+	50 LIN. FT.	42 YD³
STA. 489+ – 490+	48 LIN. FT.	41 YD³
STA. 488+ – 489+	30 LIN. FT.	19 YD³
STA. 453+91	12 LIN. FT.	8 YD³
STA. 351+65 – 352+	90 LIN. FT.	55 YD³
STA. 327+50 – 328+	50 LIN. FT.	34 YD³
STA. 321+ – 322+	75 LIN. FT.	63 YD³
STA. 320+ – 321+	50 LIN. FT.	36 YD³
STA. 316+ – 317+	100 LIN. FT.	69 YD³
STA. 259+ – 260+	100 LIN. FT.	57 YD³
STA. 254+ – 255+	25 LIN. FT.	15 YD³
STA. 234+ – 235+	80 LIN. FT.	64 YD³
		380 YD³

EASEMENT FOR CONSTRUCTION

THE TEMPORARY EASEMENT FOR CONSTRUCTION SHALL BE 100 FEET MEASURED AT RIGHT ANGLES PERPENDICULAR TO THE CREST OF THE COMPLETED DITCH BANK ON BOTH SIDES OR THE MINIMUM NECESSARY IN ORDER TO ACCOMPLISH THE WORK. IF ALONG A ROAD, THE EASEMENT SHALL BE ON THE FIELD SIDE ONLY UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



Note: All distrub banks will be seeded plus a 4' berm. See General Notes & Spec. Sheet for Details.

"TYPICAL CROSS-SECTIONS"