

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
65	672+00	SPIKE IN 12" ELM	190' LT 839.65
66	673+68	" " 12" APPLE	78' RT 846.00
67	686+38	" " 10" BOX ELDER	180' LT 848.07
68	691+30	" " 10" ASH	110' LT 850.52

STA. 670+30 "A" PE RT.
18" X 32' CULV. PIPE IN PLACE (REMOVE)
30" X 32' CULV. PIPE REQ'D.

STA. 672+20 "C" PE LT.
ENTR. GRADE REQ'D.

STA. 670+55.8 "A" RT.
SPECIAL TYPE INL REQ'D.
ELEV'S TO BE DETERMINED IN FIELD
18" X 92' C.P. REQ'D.

NOTE:
SEE SHEET NO. 2, 3, 4, 5 FOR CONSTRUCTION & LINE SHIFT DETAILS.

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

THE EXACT LOCATION OF PE, PIPES AND R/W MARKER POSTS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. C.U.Y.S. OF FILL AS SHOWN ON PLAN SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASS. EXCAV. AND WAS COMPUTED WITH A SHRINKAGE ALLOWANCE VARYING FROM 15% TO 25%.

MAIN LINE (ULTIMATE)

PI. = 690+00.65
L = 176'-36"
Δ = 3°-24'
D = 0°-30'
T = 340.10'
LC = 690.00'
SE = 0.02'/FT.

MAIN LINE CONSTR.

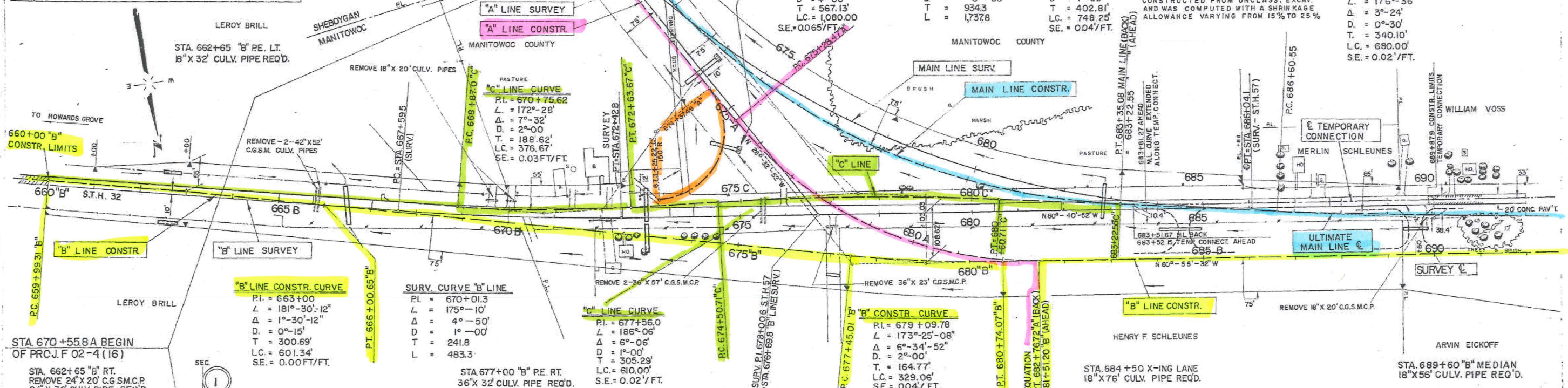
PI. = 678+22.21
L = 136'-48"
Δ = 43°-12'
D = 4°-00'
T = 567.13'
LC = 1,080.00'
SE = 0.065'/FT.

SURV. CURVE STH. 57

PI. = 678+00.6
L = 127'-52"
Δ = 52°-08'
D = 3°-00'
T = 934.3
L = 1,737.8

"A" LINE CURVE

PI. = 679+31.28
L = 127'-37'-20"
Δ = 52°-22'-40"
D = 7°-00'
T = 402.81'
LC = 748.25'
SE = 0.04'/FT.



24" X 32" CULV. PIPE REQ'D.

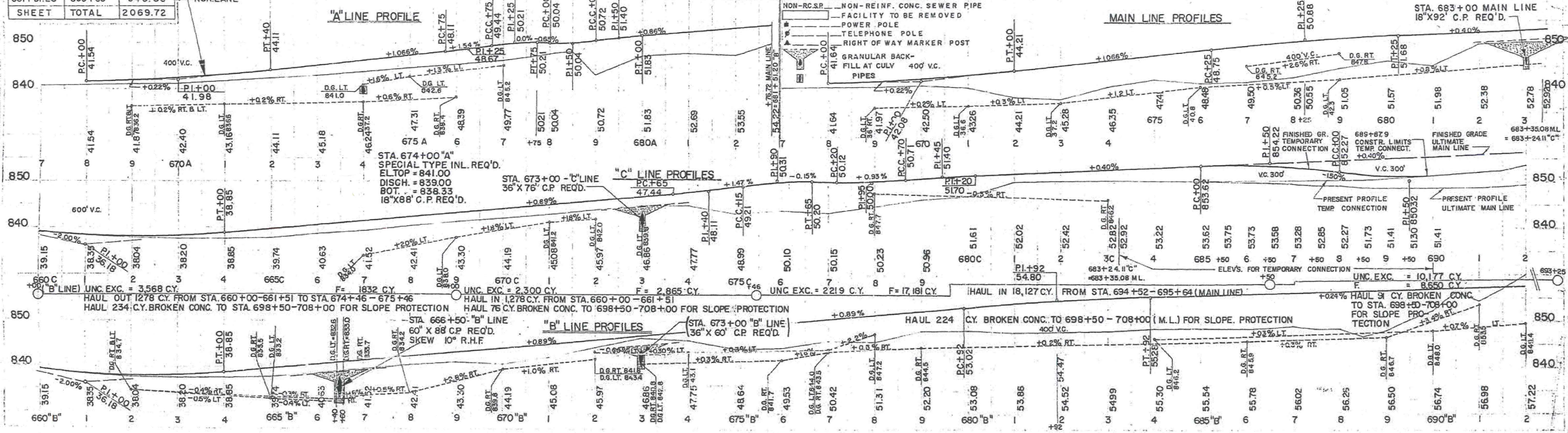
NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
670+55.8	682+76.72	1220.92
681+51.20	690+00	848.80
SHEET	TOTAL	2069.72

UNC. EXC. = 134 CY
F = 3/18 CY
HAUL IN 3,553 CY FROM STA. 694+52-694+64 (M.L.)

- LEGEND**
- UNC. EXC. - UNCLASSIFIED EXCAV.
 - F - FILL
 - M.E. - MARSH EXCAVATION
 - P.E. - PRIVATE ENTRANCE
 - R.C.C.P. - REINFORCED CONC. CULV. PIPE
 - NON-R.C.C.P. - NON-REINFORCED CONC. SEWER PIPE
 - FACILITY TO BE REMOVED
 - POWER POLE
 - TELEPHONE POLE
 - RIGHT OF WAY MARKER POST
 - GRANULAR BACK-FILL AT CULV. 400' V.C.
 - PIPES

UNC. EXC. = 449 CY
F = 8,294 CY
HAUL IN 9,390 CY FROM STA. 693+25 - 694+52

UNC. EXC. = 529 CY
F = 3,396 CY
HAUL IN 3,501 CY FROM STA. 693+25 - 694+52



STA. 674+00 "A" SPECIAL TYPE INL REQ'D.
ELTOP = 841.00
DISCH. = 839.00
BOT. = 838.33
18" X 88' C.P. REQ'D.

STA. 673+00 "C" LINE 36" X 76' C.P. REQ'D.

STA. 673+00 "B" LINE 36" X 60' C.P. REQ'D.

HAUL OUT 1278 CY FROM STA. 660+00-681+51 TO STA. 674+46-675+46
HAUL 234 CY BROKEN CONC. TO STA. 698+50-708+00 FOR SLOPE PROTECTION

UNC. EXC. = 3,568 CY
F = 1832 CY
HAUL IN 1,278 CY FROM STA. 660+00-681+51

UNC. EXC. = 2,300 CY
F = 2,865 CY
HAUL IN 1,278 CY FROM STA. 660+00-681+51

UNC. EXC. = 2,219 CY
F = 17,181 CY
HAUL IN 18,127 CY FROM STA. 694+52-695+64 (MAIN LINE)

HAUL 224 CY BROKEN CONC. TO 698+50-708+00 (M.L.) FOR SLOPE PROTECTION

UNC. EXC. = 10,177 CY
F = 8,650 CY
HAUL IN 1,527 CY FROM STA. 694+52-695+64 (MAIN LINE)