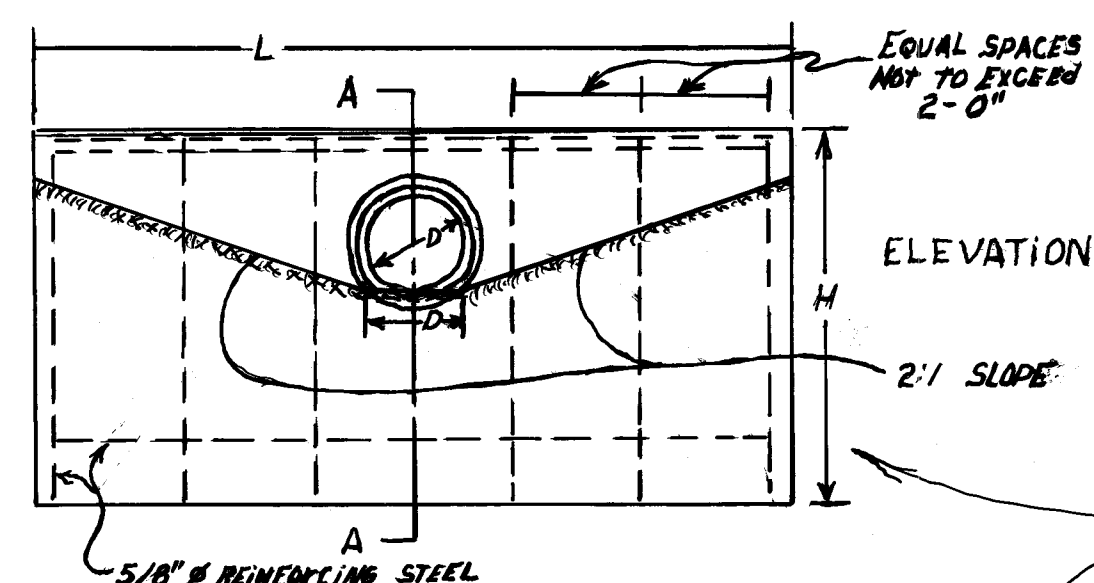
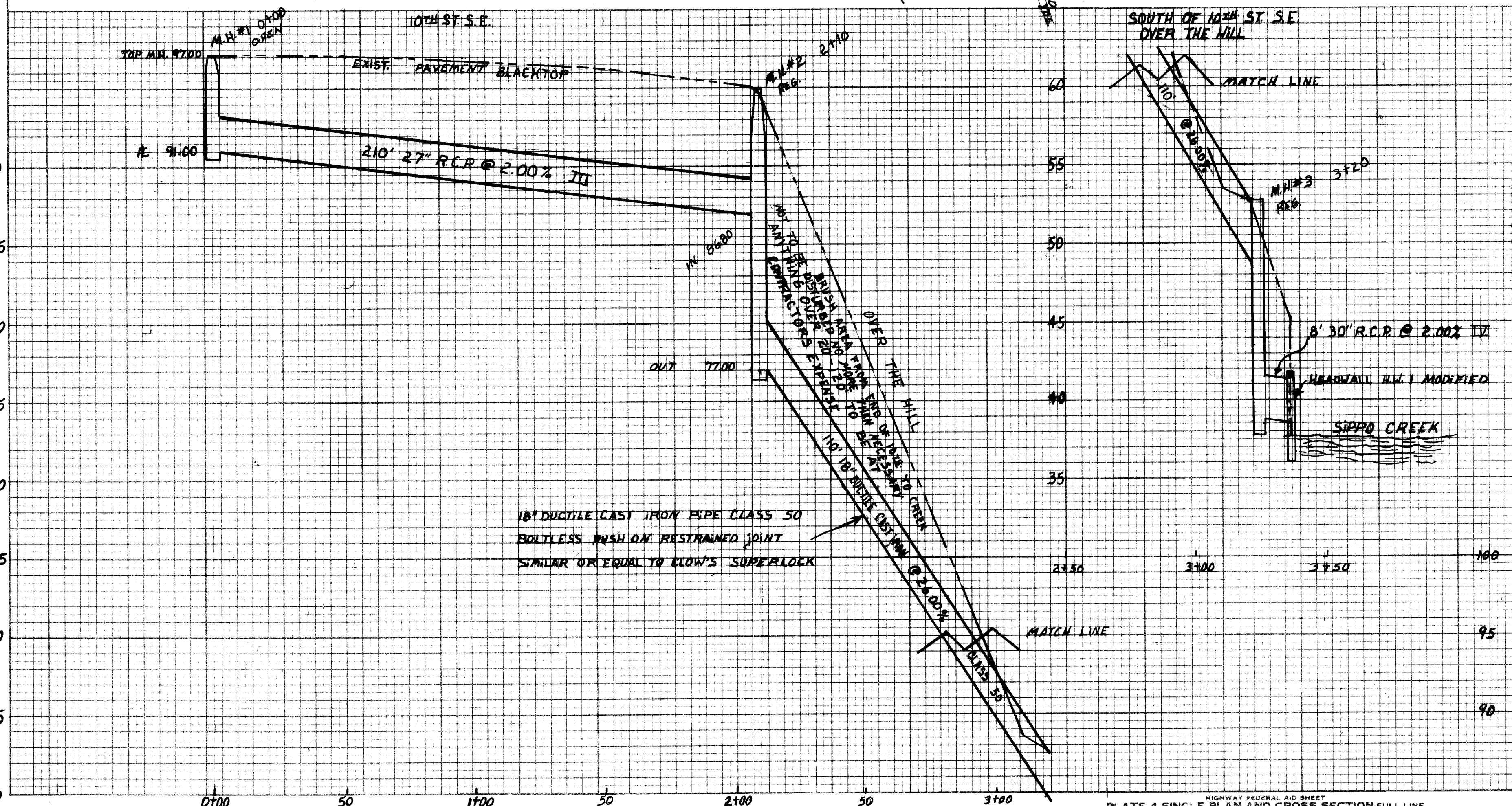
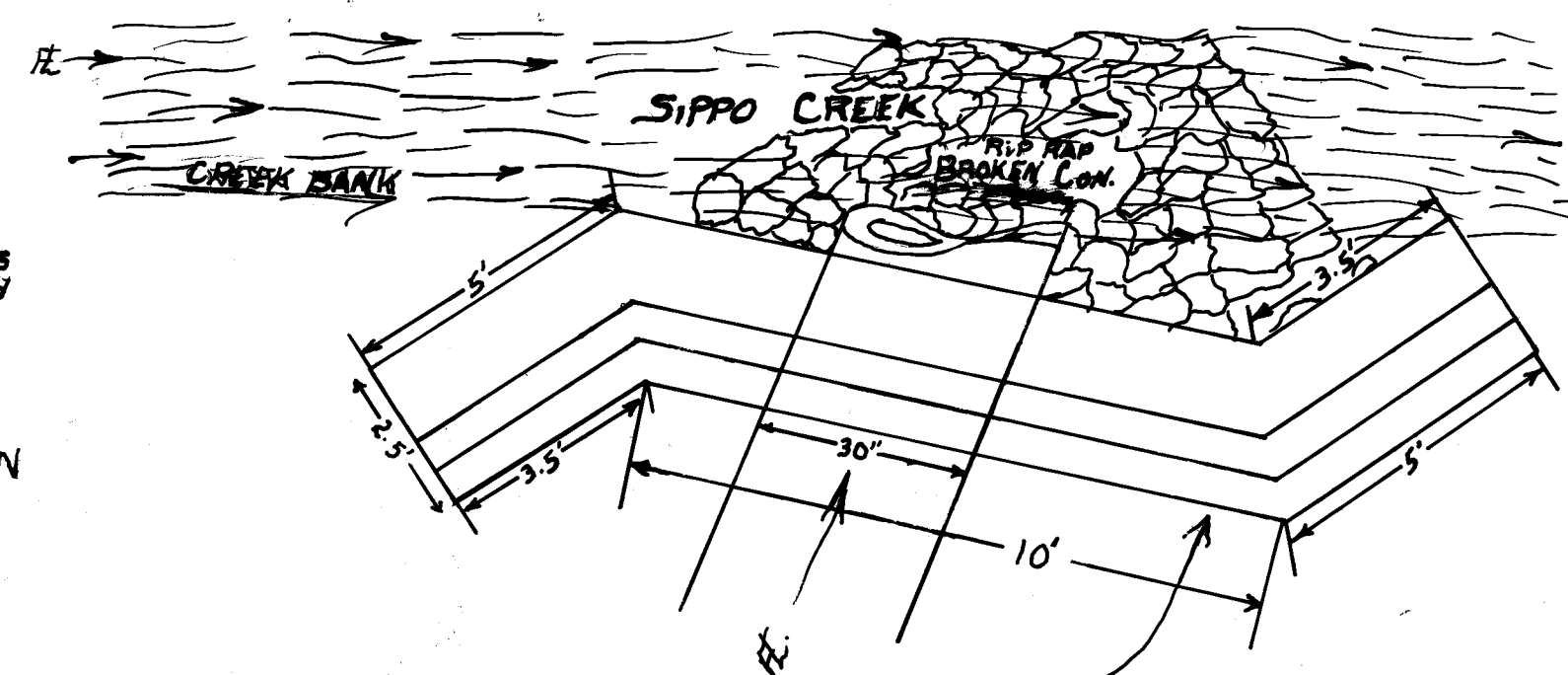


ORIGINAL SURVEY	SURVEYED BY	DATE
NOTEBOOK	PLOTTED	
NO	TEMPLATE	
	AREAS	
	AREAS CHECKED	



1. ALL CONSTRUCTION TO BE CITY OF MASSILLON STANDARDS & SPECIFICATIONS
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE WORK IS DONE
3. CONSTRUCTION SIGNS: CONTRACTOR SHALL ERECT & MAINTAIN ALL NECESSARY SIGNS BARRICADES & LIGHTS. THIS IS TO BE INCLUDED IN THE BASE PRICE OF THE PIPE
4. BACKFILL TO BE COMPACTED PER SPECIFICATIONS, IF UNSUITABLE, GRANULAR BACKFILL MAY BE ORDERED BY THE ENGINEER.
5. COST OF COMPACTION PER LIN. FT. SHALL BE INCLUDED IN THE PRICE OF PIPE
6. ALL CATCH BASINS & MANHOLES TO BE MASSILLON CITY STANDARD TYPE A OR B
7. BACKFILL MUST BE AT OPTIMUM MOISTURE
8. BEDDING IS TO BE INCLUDED IN THE PRICE OF PIPE; SEE SKETCH FOR STANDARD
9. ALL STREET REPAIR TO BE AS PER DETAIL
10. MORTAR JOINTS OR MASTIC JOINTS ARE PERMISSIBLE IN THE CONCRETE PIPE
11. WHEN CONFLICT ARISES OVER THE INTERPRETATION OF NOTES & DETAILS, THE NOTES AND DETAILS IN THE DRAWINGS TAKE PREFERENCE.
12. SEEDING TO BE ONE POUND INOCULATED CROWN VETCH SEED (CORNILIA VARIA) AND ONE POUND OF PERENNIAL RYEGRASS (LOLIUM PERENNE) PER 1,000 SQ. FT. FERTILIZER SHALL BE AT THE RATE OF 20 LBS. OF 12-12-12 PER 1,000 SQ. FT. SEEDING AREA SHALL BE MULCHED WITH 1 1/2" OF STRAW OR HAY. AFTER PLACING OF THE SEEDS, MULCH JUTE MATTING SHALL BE PLACED OVER THE ENTIRE SEEDING AREA AND THOROUGHLY WATERED TO THE SATISFACTION OF THE ENGINEER. THE LATEST STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL BE USED. ITEM 659 FOR SEEDING AND MULCHING AND ITEM 667 FOR JUTE MATTING NOT TO EXCEED 2,500 SQ. FT.
13. HARD SURFACE STREET TO HAVE 9" SHOULDER CUT, 8" 1-2-4-6 BAG MIX CON. 2" BLACKTOP
14. ALL HOUSE LATERALS, SEWER, WATER & GAS IF CUT OR BY CONTRACTOR TO BE RESTORED AT NO EXPENSE TO THE CITY
15. USE STATE TYPE & STRAIGHT CURB 6"-10"
16. TRAFFIC FOR LOCAL RESIDENTS TO BE MAINTAINED AT ALL TIMES
17. GRUBBING ITEM IS TO INCLUDE ALL TREES, REGARDLESS OF SIZE.



HEADWALL - HW 1 MODIFIED

D = DIAMETER OF PIPE
C = CURVE
S = SPAN OF PIPE
T = THICKNESS OF BARREL
L = LENGTH OF HEADWALL
H = HEIGHT OF HEADWALL
L CIRCULAR SECTIONS
H CIRCULAR ARCH
H CIRCULAR SECTIONS
H ELLIPTICAL OR PIPE ARCH

SEE STANDARDS FOR FURTHER DETAILS

CITY OF MASSILLON, OHIO

STORM SEWER

WELLMAN & 10TH ST. S.E.

DR BY: W.M.D. LEWIS | DEPT. OF PUBLIC SERVICES
CITY ENG. ROBERT WAGONER | ENGINEERING DEPARTMENT

SCALE 1" = 30' | DATE 7-14-83