

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

ER-532 (17)

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	ER-532 (17)

1/4

HOL-76-9.61

# HOL-76-9.61

## HOLMES COUNTY VILLAGE OF MILLERSBURG

1971 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF HIGHWAYS, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

THE RIGHT OF WAY FOR THIS IMPROVEMENT WILL BE PROVIDED BY THE STATE OF OHIO.

I HEREBY APPROVE THESE PLANS AND DECLARE THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

CONVENTIONAL SIGNS

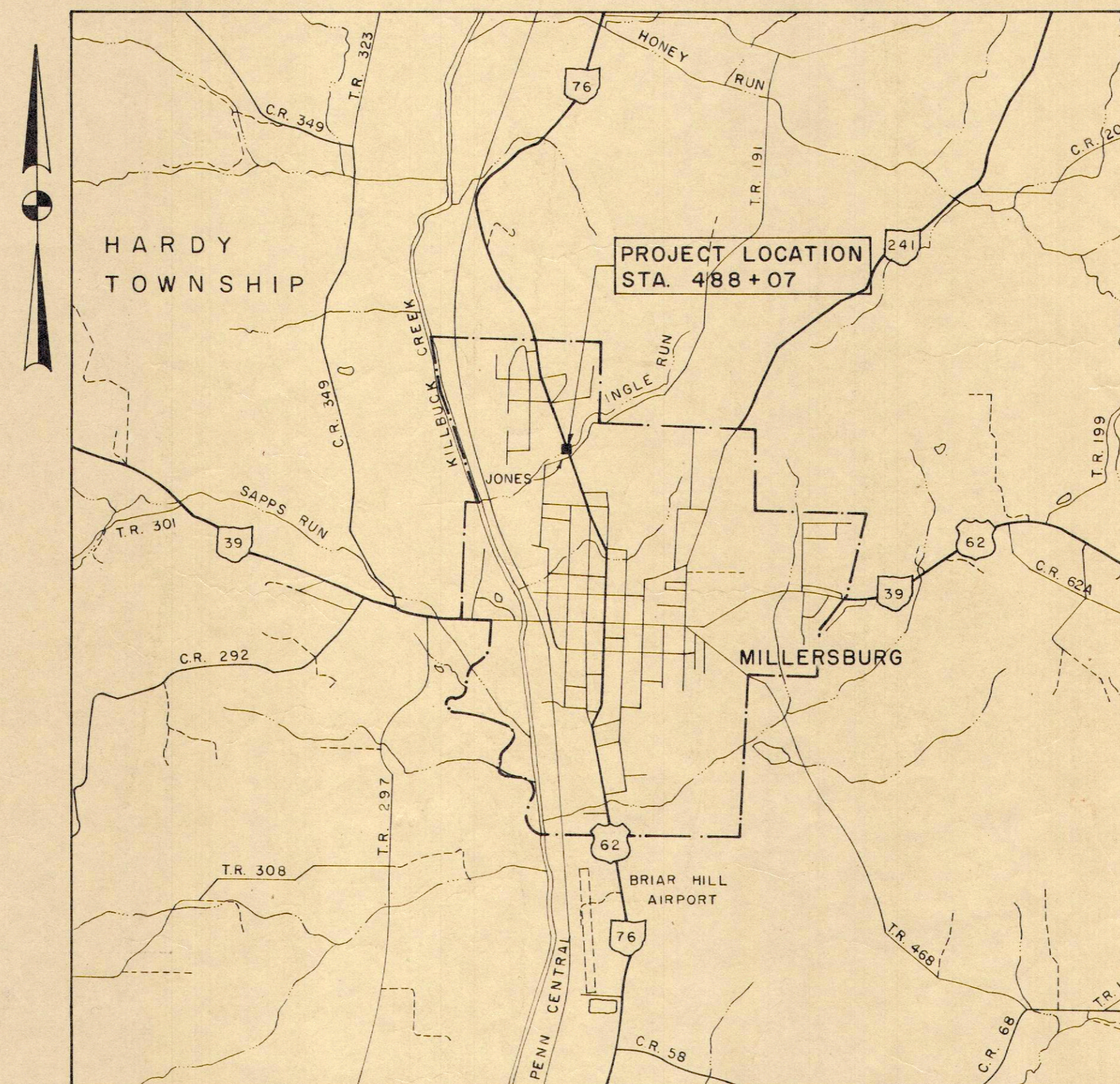
COUNTY LINE	-----
CORPORATION LINE	=====
TOWNSHIP LINE	-----
SECTION LINE	-----
PROPERTY LINE	-----
CENTER LINE	-----
RAILROAD	-----
FENCE LINE	-----
GAS AND WATER MAINS	-----
GROUND LINE	-----
EMBANKMENT SLOPES	-----
TREES AND STUMPS	-----
TREES TO BE REMOVED	-----
POLE LINE	-----
HYDRANTS	-----
MANHOLES	-----
CATCH BASINS	-----
VALVES	-----
RIGHT OF WAY	-----
GUARD RAIL	-----
PIPE - CONDUIT	-----

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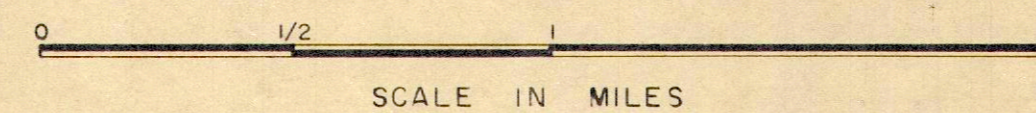
TITLE SHEET	1
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CROSS SECTIONS AND QUANTITIES	4
RIGHT OF WAY AND DESIGN DESIGNATION	2

LINE DATA

BEGIN WORK	STA. 487+83.5
END WORK	STA. 488+38.5
NET LENGTH OF WORK	55 LIN. FT. = 0.01 MILES



LOCATION MAP



PORTION TO BE IMPROVED  
STATE ROADS  
OTHER ROADS

STANDARD CONSTRUCTION DRAWINGS			
HW-4	1-1-70	MC-4	8-13-69
FACI-1	9-15-67	MC-3	6-20-69
FACI-2	6-1-65		

APPROVED DATE	KARL SNYDER - HOLMES COUNTY ENGINEER
APPROVED DATE	DIVISION DEPUTY DIRECTOR
APPROVED DATE	ENGINEER OF LOCATION & DESIGN
APPROVED DATE	DEPUTY DIRECTOR OF DESIGN & CONSTRUCTION
APPROVED DATE	DEPUTY DIRECTOR OF RIGHT-OF-WAY
APPROVED DATE	DEPUTY DIRECTOR OF PLANNING & PROGRAMMING
APPROVED DATE	FIRST ASSISTANT DIRECTOR
APPROVED DATE	DIRECTOR OF HIGHWAYS

ENGINEERING ASSOCIATES LTD.  
CONSULTING ENGINEERS  
WOOSTER, OHIO

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

FILE NO.	HOLMES CO.: HOL-76-9.61
	DATE OF LETTING _____
	CONTRACT NO. _____



# VILLAGE OF MILLERSBURG

Documentation  
 Calc. by: DWS 2-2-71  
 Checked by: DGC 2-3-71

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

HCL-76-9.61

### SUMMARY OF ADDITIONAL RIGHT OF WAY REQUIRED

PARCEL NO.	OWNER	DEED RECORD BOOK	DEED RECORD PAGE	DEED AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	REMARKS	TYPE FUNDS
1-X	The Flexible Co.	116	353	2.25 Ac.	0	0.098 Ac.	0	0.098 Ac.	Correct Flood Damage Lot # 585	
2-X	Albert W. Appleby	151	583	1.72 Ac.	0	0.069 Ac.		0.069 Ac.	Correct Flood Damage	

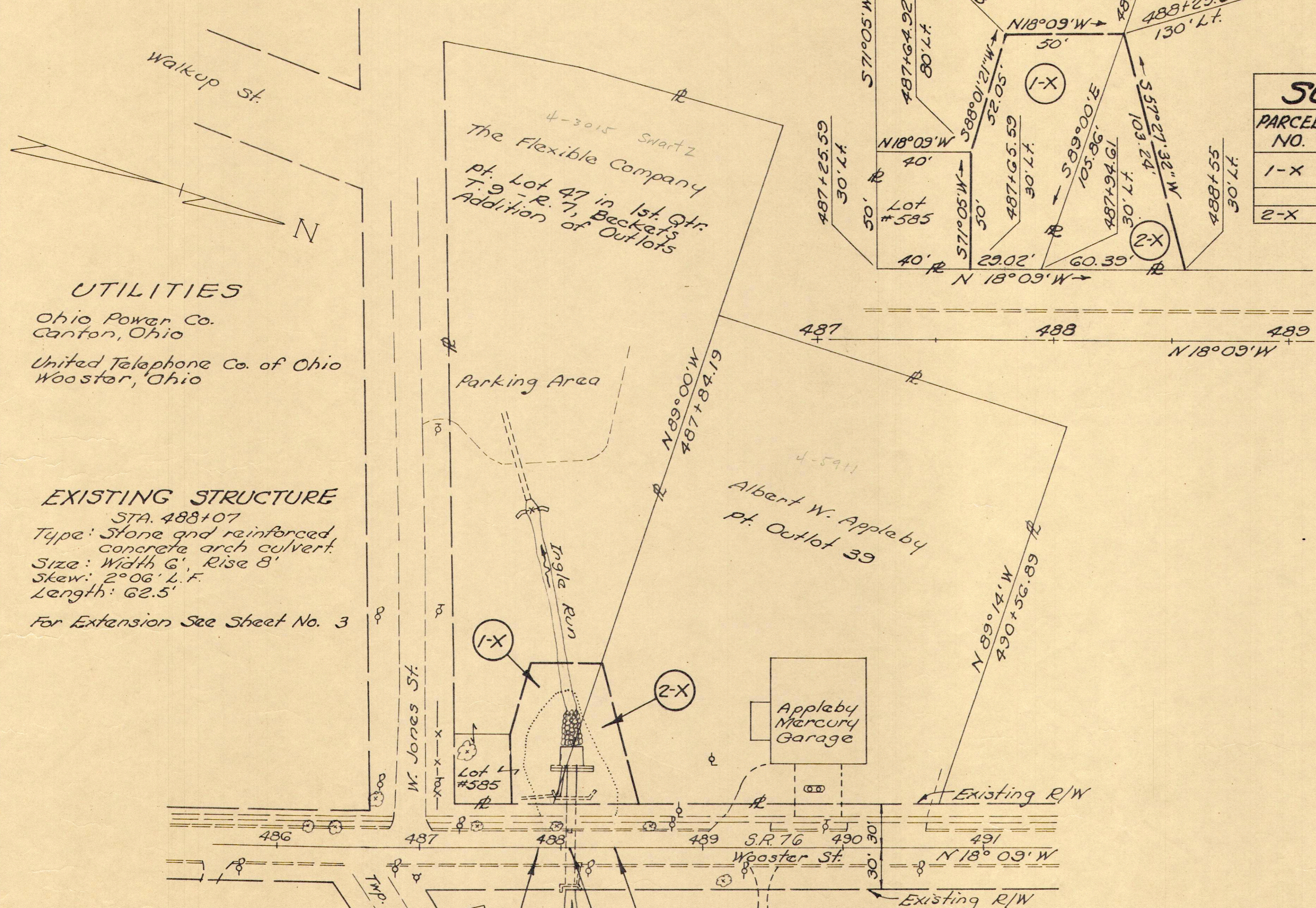
### GENERAL NOTES

**FIELD OFFICE:** The Contractor shall provide a suitable field office having a minimum of 150 sq. ft. of floor space and in addition to the requirements of item 619, he shall provide and maintain sanitary provisions as per 107.06. All the above is included in the lump sum price bid for item 619, Field Office.

**CONSTRUCTION LAYOUT STAKES:** See note in proposal describing the work included in this lump sum pay item.

**TRAFFIC:** Two way traffic shall be maintained at all times in accordance with the requirements of item 614.

**ELEVATION DATUM:** All elevations are based on the USGS datum.



**EXISTING STRUCTURE**  
 STA. 488+07  
 Type: Stone and reinforced concrete arch culvert.  
 Size: Width 6', Rise 8'  
 Skew: 2° 06' L.F.  
 Length: 62.5'  
 For Extension See Sheet No. 3

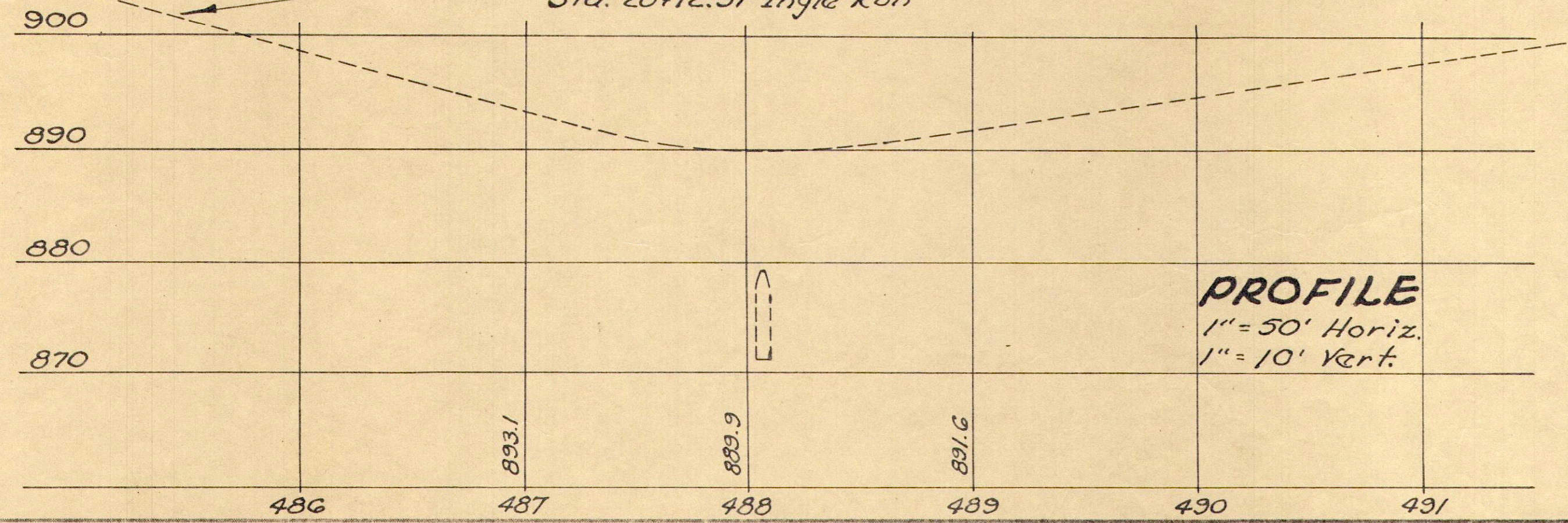
**PLAN**  
 1" = 50'

B.M. Sta. 486+98  
 Top of Hydrant, 33' R.L. &  
 Elevation 897.59

STA. 487+83.5  
 BEGIN WORK

STA. 488+38.5  
 END WORK

Sta. 488+07 S.R. 76 =  
 Sta. 20+12.51 Ingle Run



**PROFILE**  
 1" = 50' Horiz.  
 1" = 10' Vert.

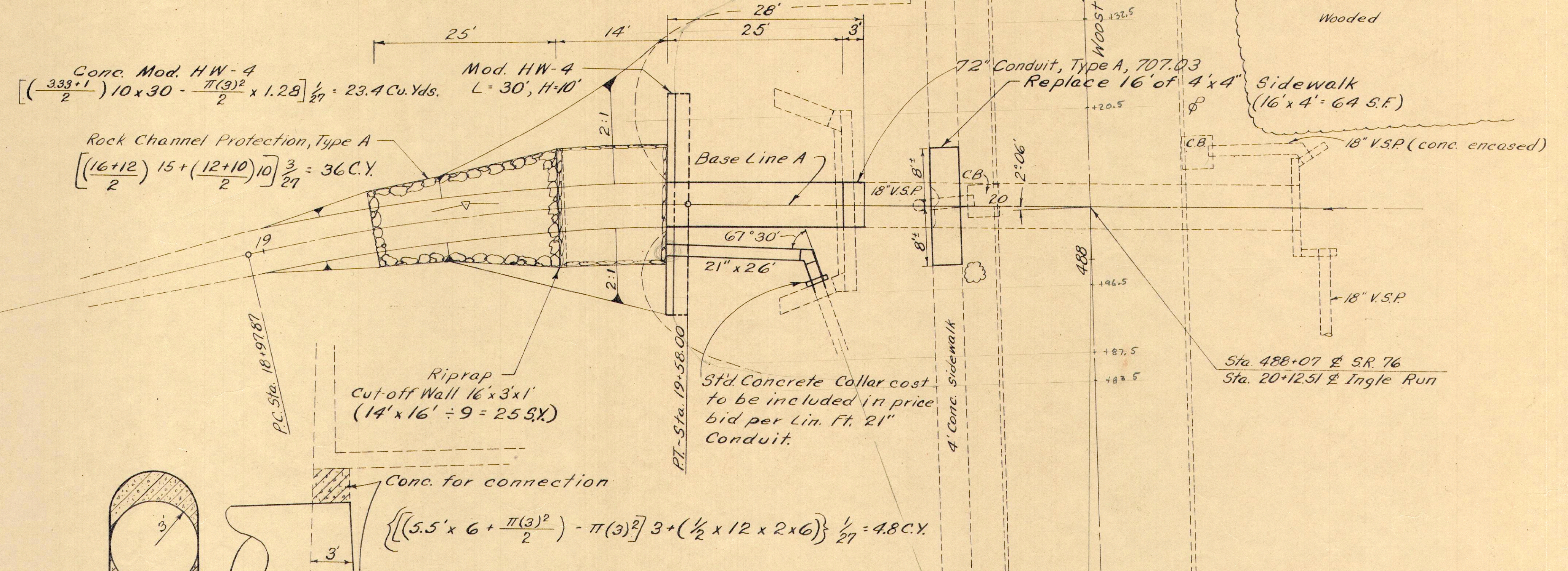
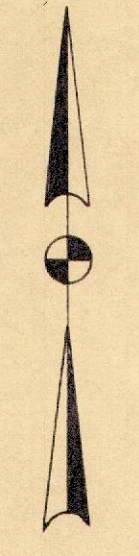
### GENERAL SUMMARY

ITEM	TOTAL	UNIT	DESCRIPTION
202	7	Cu Yd.	Portions of structure removed
203	9	Cu Yd.	Excavation
203	478	Cu Yd.	Embankment
601	36	Cu Yd.	Rock channel protection, Type A
601	25	Sq Yd.	Riprap, 6" reinforced concrete slab
602	28.2	Cu Yd.	Concrete masonry
603	28	Lin Ft.	72" conduit, Type A, 707.03
603	26	Lin Ft.	21" conduit, Type C, 706.02, CI IV
608	64	Sq Ft.	Concrete walk
659	4.38	Sq Yd.	Seeding and mulching
659	0.05	Ton	Commercial fertilizer
659	0.23	Ton	Agricultural liming
619	Lump	Sum	Field office
614	Lump	Sum	Maintaining traffic



**CURVE DATA & INGLE RUN**  
 P.I. = Sta. 19+28.07  
 Δ = 13°15'  
 D = 22°02'13"  
 R = 260'  
 T = 30.20'  
 L = 60.13'  
 E = 1.74'

Drive and parking area  
Flexible Co.



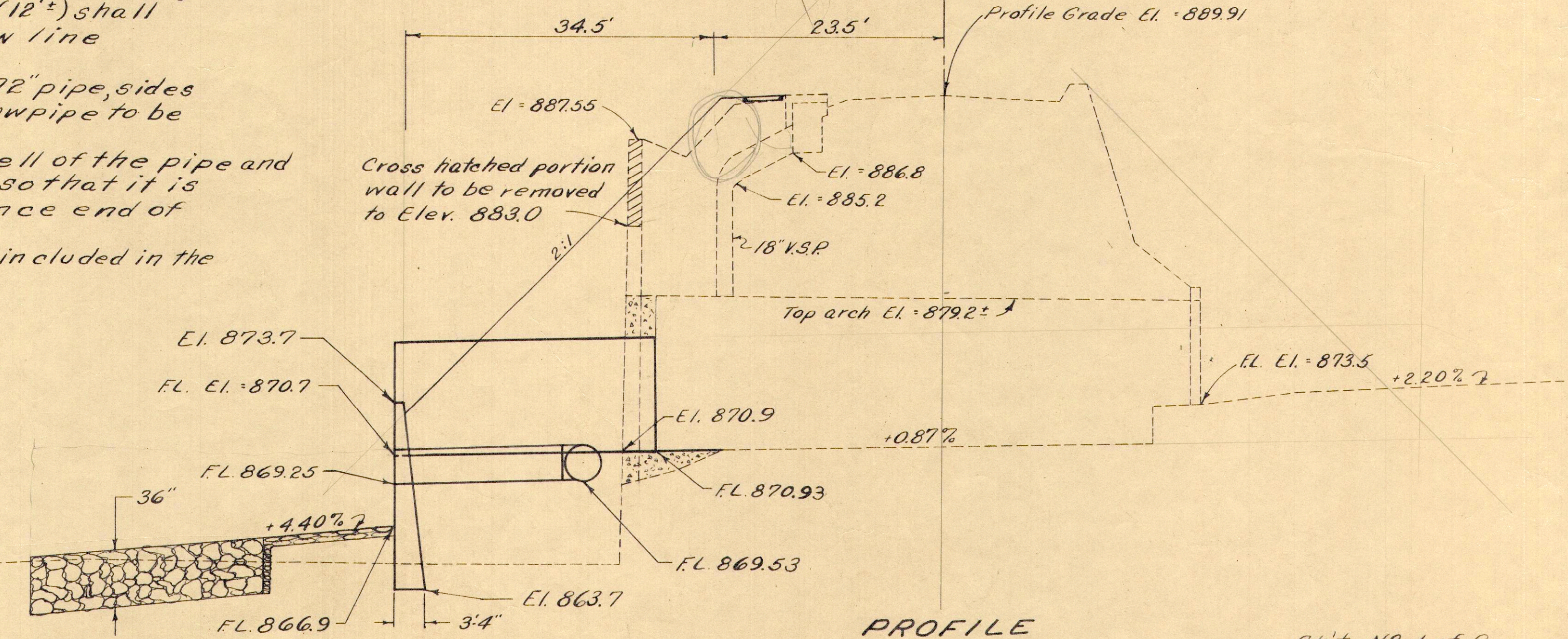
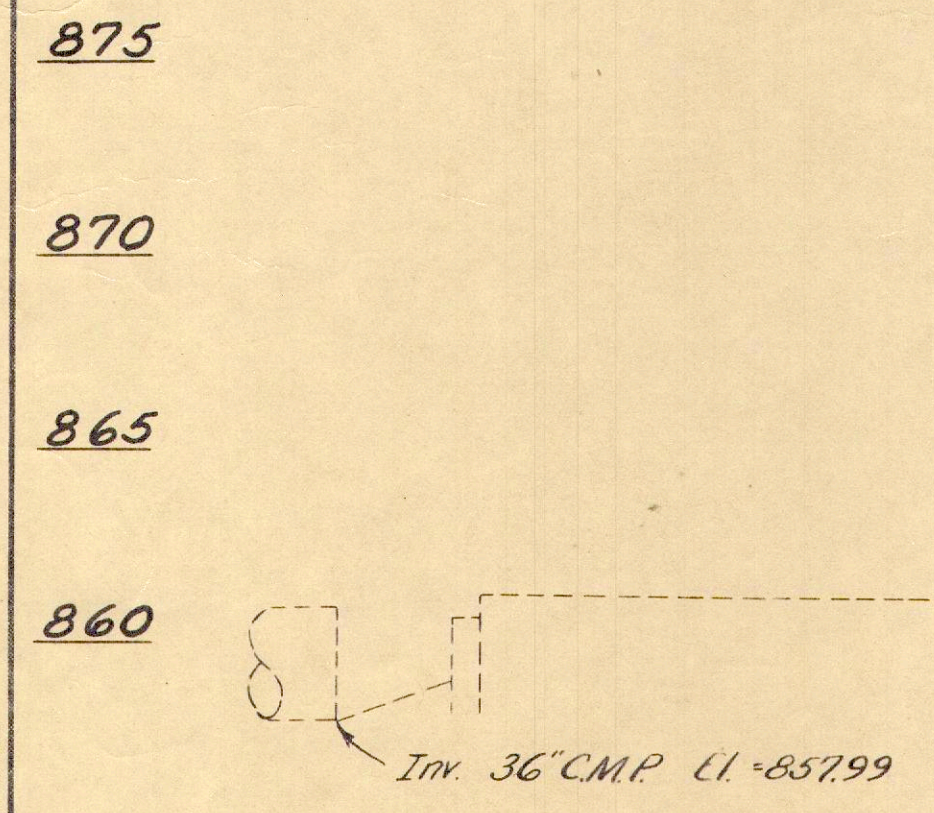
**PIPE CONNECTION DETAIL**  
 Scale: 0 5

**NOTE:** Class C Concrete shall be used in the following connection. Floor of existing structure at outlet (12'±) shall be built-up to fit the existing continuous flow line grade.

Due to 2" corrugations of proposed 72" pipe, sides of existing culvert shall be grooved-out to allow pipe to be extended 3' into the culvert.

The remaining opening between shell of the pipe and culvert walls shall be sealed with concrete so that it is flush with face of head wall and entrance end of proposed 72" pipe. See detail above.

Cost of grooving walls for pipe shall be included in the unit price bid for the 72" Conduit.



**PROFILE**  
 488+07  
 889.91  
 SCALE: Horiz. 0 5 10 20  
 Vert. 0 5 10

Documentation  
 Calc. by: DWS 2-2-71  
 Checked by: DGC 2-3-71

**STA. 488+07**  
**72" x 28' STD. PIPE CONDUIT EXTENSION**

BRUNING 44-560 10843



