

LIMITATION OF ACCESS:-

THIS IMPROVEMENT, BETWEEN STA. 1452+98.58 TO STA. 1480+16.80, HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR OF HIGHWAYS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 1178-21, GENERAL CODE OF OHIO.

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
HAN-23-0.00 HAN-12-27.54

FED. DIVISION	STATE	FEDERAL AID PROJECT	TYPE FUNDS
2	OHIO	U-657(2) U-646(2) U-1002(1)	POST WAR

HANCOCK COUNTY	SENECA COUNTY	WOOD COUNTY
HAN-23-0.00	SEN-23-(11.68)(12.38-12.62)	WOO-23-0.00
HAN-12-27.54	SEN-12-(0.00-0.68)	
	SEN-18-1.45	

Federal Projects No. U-646(1) and U-657(1) appearing elsewhere in these plans shall be considered as U-646(2) and U-657(2).

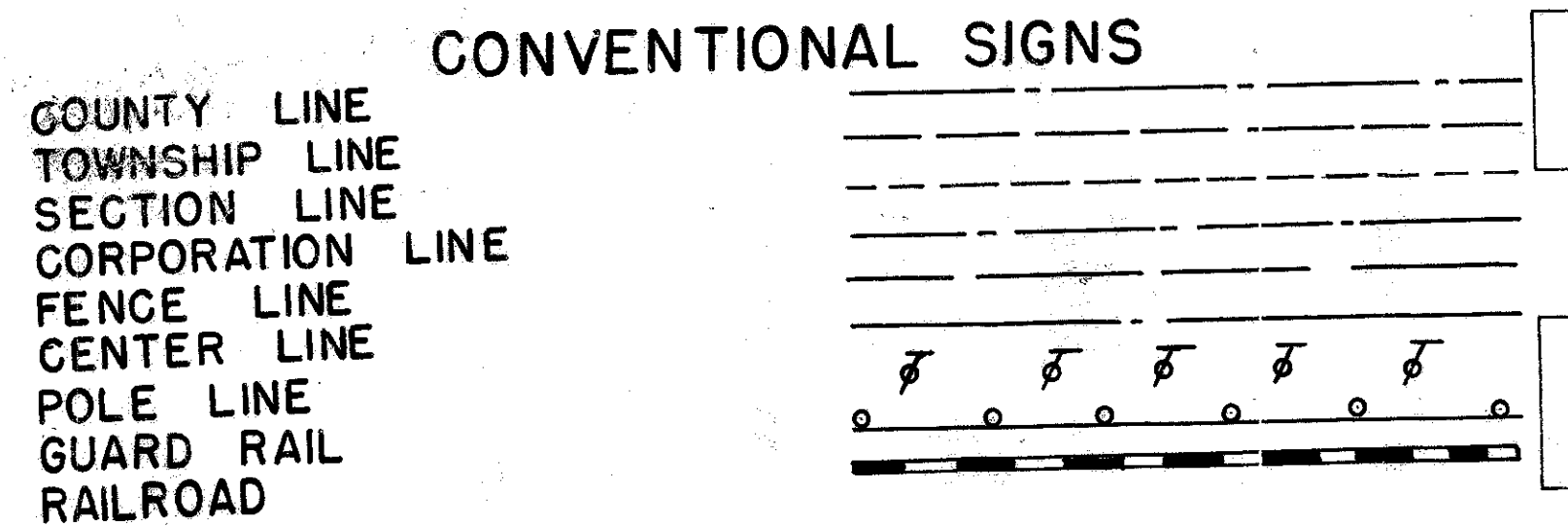
SEN-23-(11.68)(12.38-12.62) SEN-12-(0.00-0.68) SEN-18-1.45

WOO-23-0.00

HANCOCK, SENECA, & WOOD COUNTIES
PERRY TOWNSHIP
CITY OF FOSTORIA

CONSTRUCTION BUREAU
JUL 15 1955
GROUND PHOTOGRAPH

PART 3
FOR PART 1 SEE SEN-23-12.00
FOR PART 2 SEE SEN-23-(11.00-11.50) SEN-18-1.32

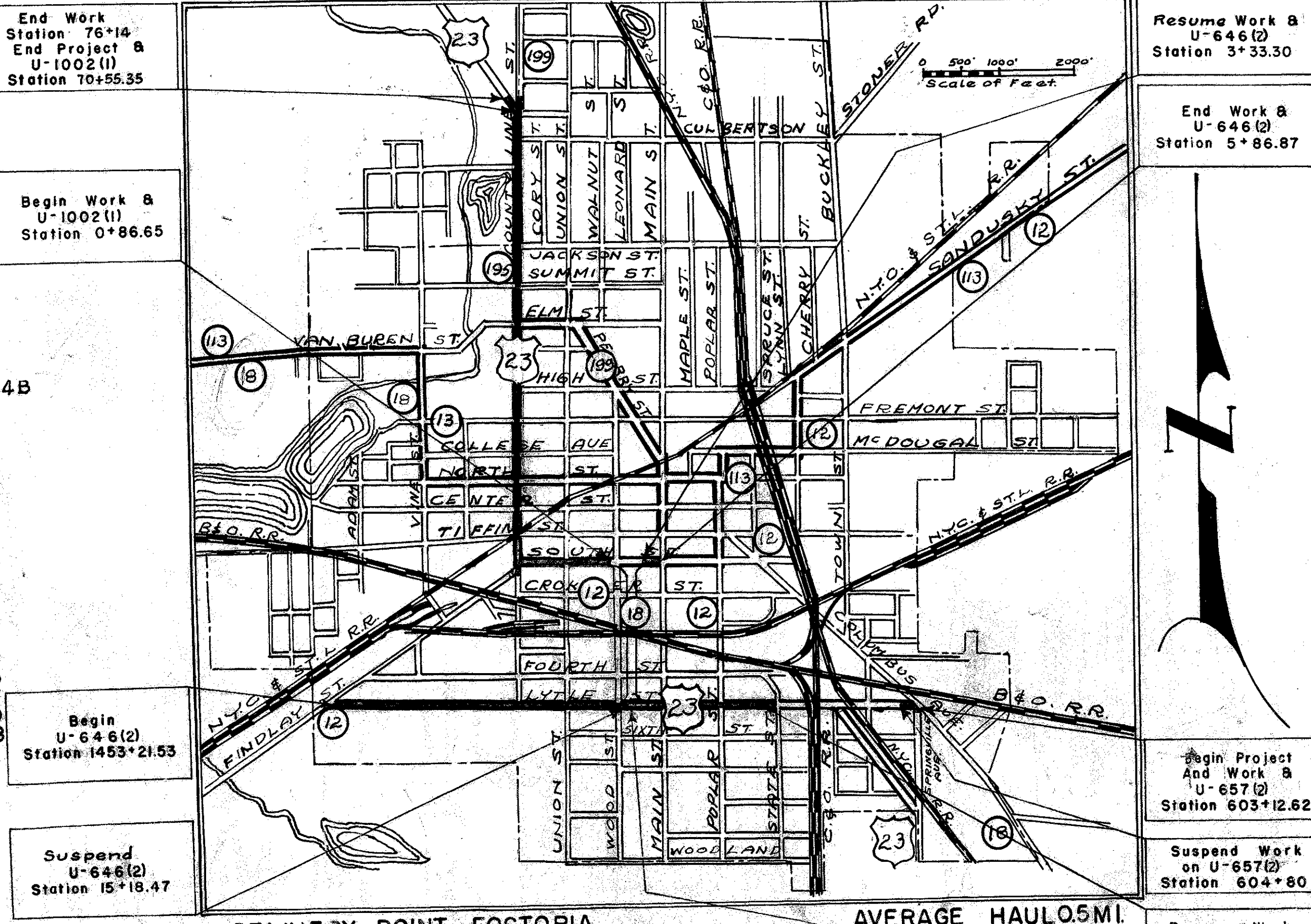


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CROSS SECTIONS U-1002(1)	

LINE DATA

Begin Project & U-657(2) Sta. 603+12.62
End U-657(2) Sta. 641+41.07
Gross Length=3828.45 Lin. Ft.
No Additions
Deductions: Sta. 604+80 to 624+18 [UG-657(1)]=1938.00 Lin. Ft.
Net Length = 3828.45 - 1938.00 = 1890.45 Lin. Ft. or 0.358 Mi.
Begin U-646(2) Sta. 1453+21.53 ON W. LYTLE ST.
Station Equation Sta. 1430+16.80 = Sta. 0+00
Suspend U-646(2) Sta. 15+18.47 = STA. 0+00 MIDDLEBLOCK
Gross Length = Net Length = 2695.27 + 1518.47 = 4213.74 Lin. Ft.
or 0.798 Mi.
Resume U-646(2) Sta. 3+33.30 ON SOUTH ST. = STA. 19+89.88 UG-646(1)
End U-646(2) Sta. 5+86.87
Gross Length = Net Length = 253.57 Lin. Ft. or 0.048 Mi. FROM ABOVE TOTAL NET LENGTH U-646(2) = 4467.31 Lin. Ft. or 0.846 Mi.
Begin U-1002(1) Sta. 0+86.65
End U-1002(1) Sta. 70+55.35 End Project
End Work Sta. 76+14 U-1002(1) Appr.
Gross Length = 666.70 Lin. Ft.
Deduct For Rail Road Sta. 17+09.04 to 17+19.74 = 10.70 Lin. Ft.
Station Equation: 13+52.66 (South St) = 13+49.54 (County Line St.)
Addition: 3.12 Lin. Ft. Deduction: 10.70 Lin. Ft.
Net Length U-1002(1) = 696.12 + 3.12 - 10.70 = 696.12 Lin. Ft. or 1.318 Mi.
Net Length of Work = 696.12 + 558.65 Lin. Ft. = 1254.77 Lin. Ft. or 1.424 Miles
Net Length of Project: 1890.45 + 4213.74 + 253.57 + 696.12 = 13,318.38 Lin. Ft. or 2.522 Mi.
Net Length of Work, 1890.45 + 4213.74 + 253.57 + 7519.77 = 13,877.53 Lin. Ft. or 2.628 Mi.



LOCATION PLAN
Scale 1"=1000'

PORTION TO BE IMPROVED
STATE HIGHWAYS
OTHER ROADS

SCALES

PLAN	1"=20'
PROFILE HORIZONTAL	1"=20'
PROFILE VERTICAL	1"=5'
CROSS SECTION	1"=5'

Revised Sheets 5 & 21
12/14/50

SUPPLEMENTAL SPECIFICATIONS		STANDARD DRAWINGS	
5	5-28-48	B-7-1R	5-22-50
31	6-13-49	L-3	4-1-50
S-303	12-20-46	L-3-A	4-1-50
M-110.23	Rev. 1-3-47	I-1,2,3,4&5	2-20-45
L-109.12	Rev. 7-15-50	I-8 C.B. 1-2 A&B	12-15-41
T-171.19	Rev. 7-31-50	I-8 C.B. No. 3	12-15-41
		I-8 C.B. No. 3-A	12-15-41
		I-8 C.B. No. 6	12-15-41
		G-8.07	2-7-50
		I-15 No. 1	3-1-47
		I-15 No. 2	6-17-49
		L-1	4-1-50
		I-8 M.H. No. 1	5-1-47
		I-8 M.H. No. 3	7-1-47
		I-8 M.H. No. 3-A	7-1-47
		I-12	3-15-48
		L.J. No. 1	7-1-50
		T.J. No. 1	7-1-50
		T.J. No. 2	7-1-50
		T.J. No. 3	7-1-50
		BT 50.70 E. No. 1	10-1-47

The Standard Specifications of the State of Ohio, Department of Highways, including changes and Supplemental Specifications listed in the proposal shall govern this project.

The right of way necessary for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the Highway and that detours will be provided on city streets.

- Approved George V. Luber
Date: 7/18/50 Division Deputy Director.
- Approved _____
Date: _____ Chief Engineer, Bureau of Maintenance.
- Approved Richard Post
Date: 9-18-50 Chief Engineer, Bureau of Bridges & R.R. Crossings.
- Approved K. L. Rottmann
Date: 7-21-50 Chief Engineer, Bureau of Location & Design.
- Approved V. F. Schaudin
Date: 9-21-50 First Asst. Director & Chief Engineer.
- Approved _____
Date: 9-21-50 Director of Highways.
- Print Approved Carl C. Shupe, Director Service and Safety
Date: 9-25-50 For The City of Fostoria.
- Print Approved A.C. Clarke, Chief Engineer
Date: 9/27/50 For The Baltimore and Ohio Railroad Company

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL:

DISTRICT ENGINEER DATE:

APPROVED:

DIVISION ENGINEER DATE:

HANCOCK COUNTY, SENECA COUNTY, WOOD COUNTY
SEC. 1178-21, GENERAL CODE OF OHIO
FILE NO. _____
DATE OF LETTING _____
CONTRACT NO. _____

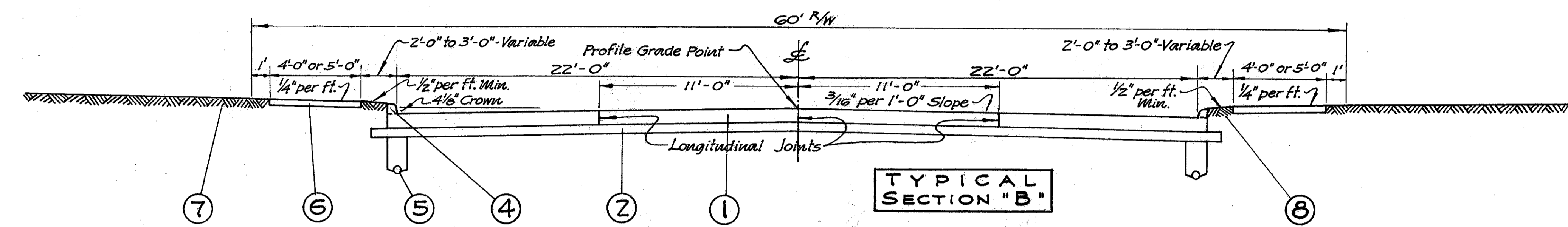
Rev. 10-4-50
Rev. 9-27-50

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-648(1) U-1002(1)	POST WAR

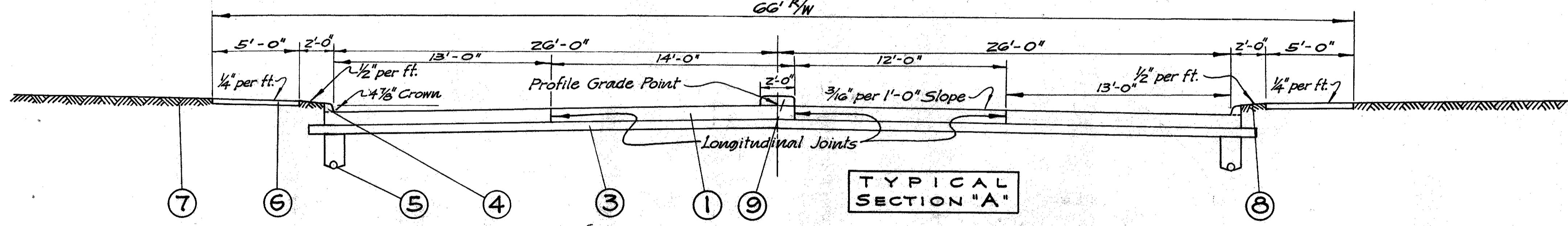
HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-0.00

TYPICAL SECTIONS

TYPE T-71

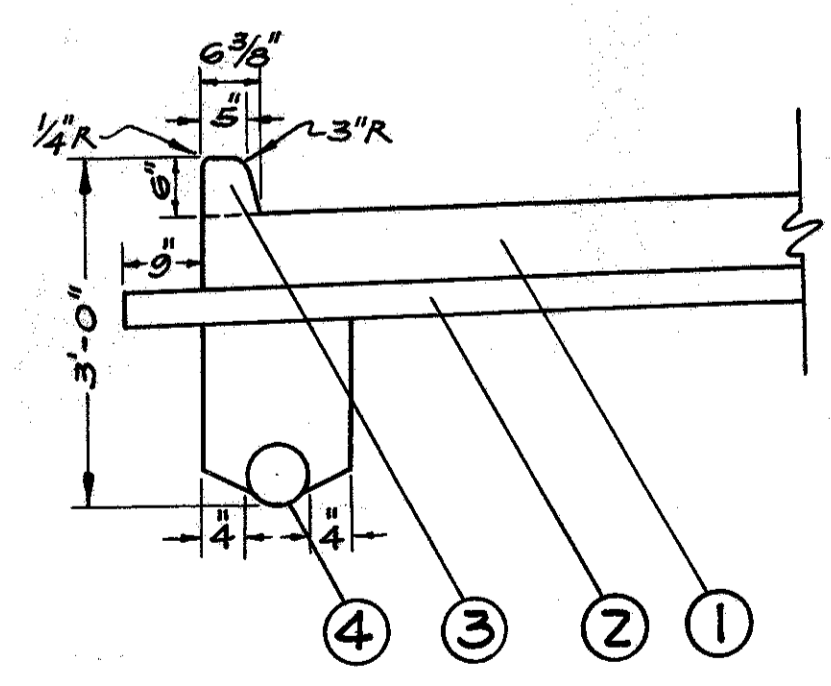


The above Typical Section applies on County Line St. from Sta. 14+40.66 to Sta. 36+50 = 2209.34 Lin. Ft. - (Municipal) U-1002(1) - Code T221
Deduct for Railroad Crossing Sta. 17+09.04 to Sta. 17+19.74 = 10.70 Lin. Ft.
Net Length = 2198.64 Lin. Ft.
66' W



The above Typical Section applies on South Street
on Lytle Street

Stationing East : Sta. 3+33.30 to Sta. 5+86.07 = 253.57 Lin. Ft. (Municipal) U-646(1)	} Code T221
Stationing West : Sta. 0+86.65 to Sta. 12+65.49 = 1178.84 Lin. Ft. (Municipal) U-1002(1)	
Station 1455+09.32 to Station 1480+16.80 = 2507.48 Lin. Ft.	} Code T221
Station 0+00 to Station 15+18.47 = 1518.47 Lin. Ft.	
Total U-646(2) = 4025.95 Lin. Ft.	
Station 624+55 to Station 641+41.07 = 1686.07 Lin. Ft.	
Total U-657(1) = 1686.07 Lin. Ft.	



DETAIL
6" TYPE 4-A CONCRETE CURB (Modified)

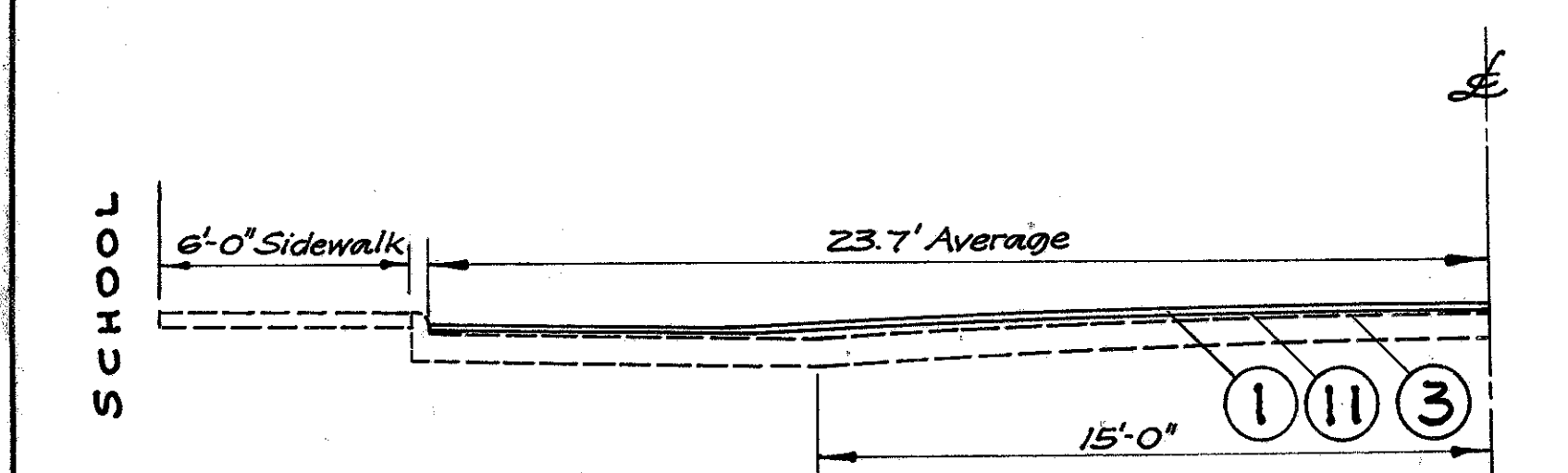
- ① Item T-71 , 9" Reinforced Portland Cement Concrete Pavement.
- ② Item SS-5 , 4" Blanket Course.
- ③ Item SS-5 , 6" Blanket Course.
- ④ Item I-12 , Standard 4-A Concrete Curb. (Modified)
- ⑤ Item I-4 , 6" Pipe Underdrain.
- ⑥ Item I-13 , 4" Concrete Sidewalk.
- ⑦ Item L-9 , Seeding and Protecting , Type "A"
- ⑧ Item L-10 , Sodding
- ⑨ Special , Precast Concrete Traffic Divider.

FED. RD. DIVISION	STATE	FEDERAL PROJECT	AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)		POST WAR

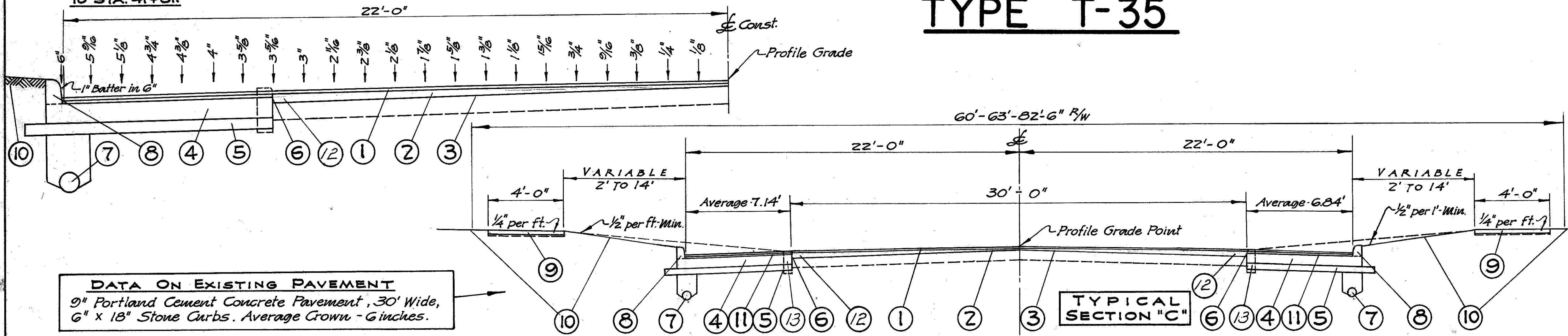
HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23(11.68)(1238)(2.62)
HAN-12-27.54 SEN-12(1000)(0.68)
WOOD COUNTY SEN-18(1.45)
WOO-23-0.00

TYPICAL SECTIONS

TYPE T-35



THE ABOVE SECTION APPLIES ON THE LEFT SIDE FROM STA. 38+20 TO STA. 41+81.

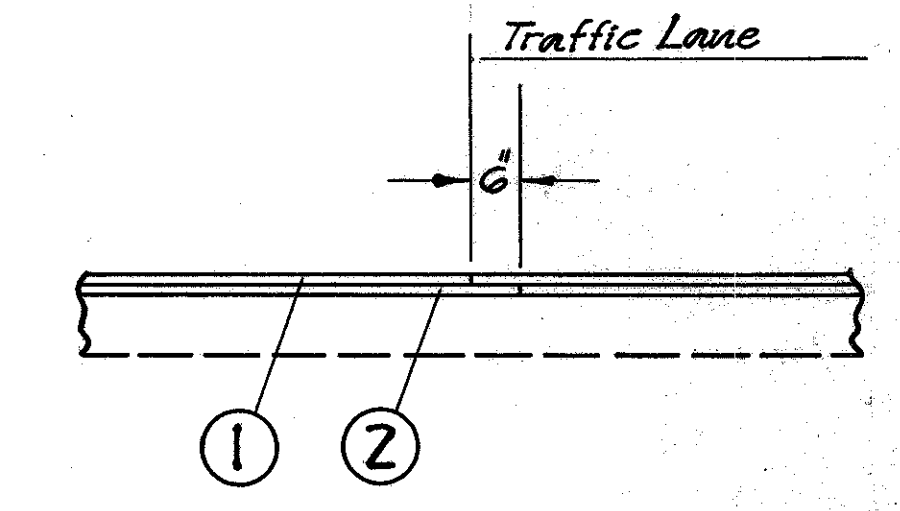


DATA ON EXISTING PAVEMENT
9" Portland Cement Concrete Pavement, 30' Wide,
6" x 18" Stone Curbs. Average Crown - 6 inches.

TYPICAL SECTION "C"

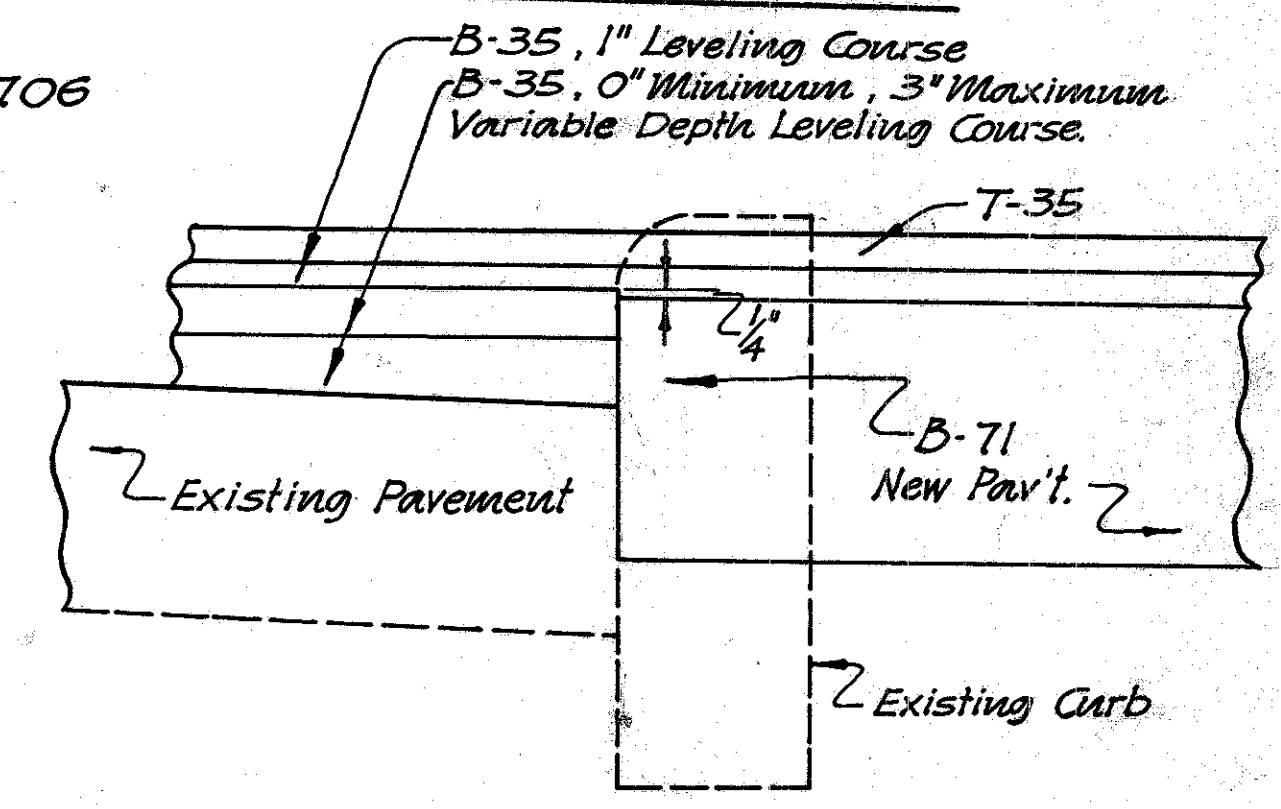
The above Typical Section applies on County Line Street from Sta. 36+50 to Sta. 54+40.5 = 1790.5 Lin. Ft. (Municipal) U-1002(1) - Code 6706

- ① Item T-35, 1" Asphaltic Concrete Surface Course, Type "C". (70-80)
- ② Item B-35, 1" Minimum Thickness Asphaltic Concrete Leveling Course.
- ③ Item T-30, Bituminous Tack Coat, using Bituminous Material Sec. M-5.5, SS-1 or MS-2, applied at the rate of 0.10 gal. per sq. yd. including sand cover.
- ④ Item B-71, 8" Reinforced Portland Cement Concrete Base Course.
- ⑤ Item SS-5, 4" Blanket Course. (as per plan.)
- ⑥ Item E-8, Sealing (only).
- ⑦ Item I-4, 6" Pipe Underdrain.
- ⑧ Item I-12, Type 4-A Concrete Curb (Modified).
- ⑨ Item I-13, 4" Concrete Sidewalk.
- ⑩ Item L-9, Seeding and Protecting, Type "A".
- ⑪ Item B-35, 1" Uniform Thickness Asphaltic Concrete Leveling Course.
- ⑫ Item B-35, 0" Min, 3" Max Variable Depth Leveling Course.
- ⑬ Item E-8, Removal and Disposal (or storage) of Existing Curb.

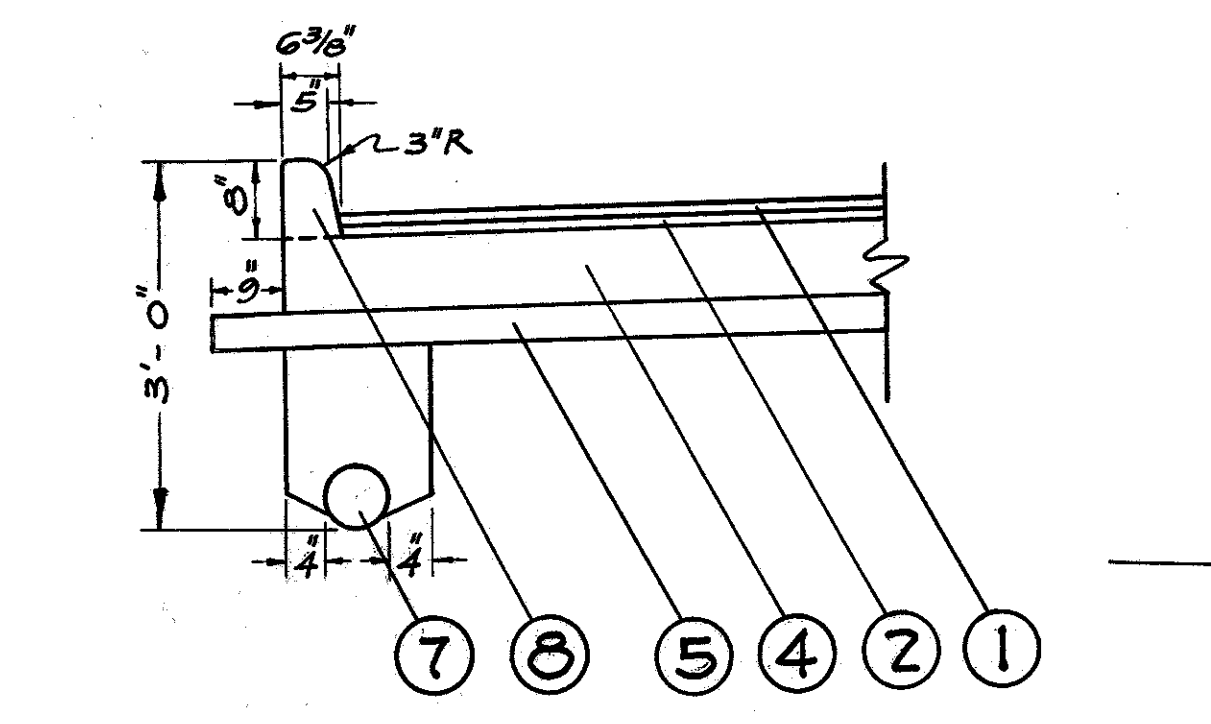


DETAIL SHOWING METHOD OF LAPPING LONGITUDINAL JOINTS.

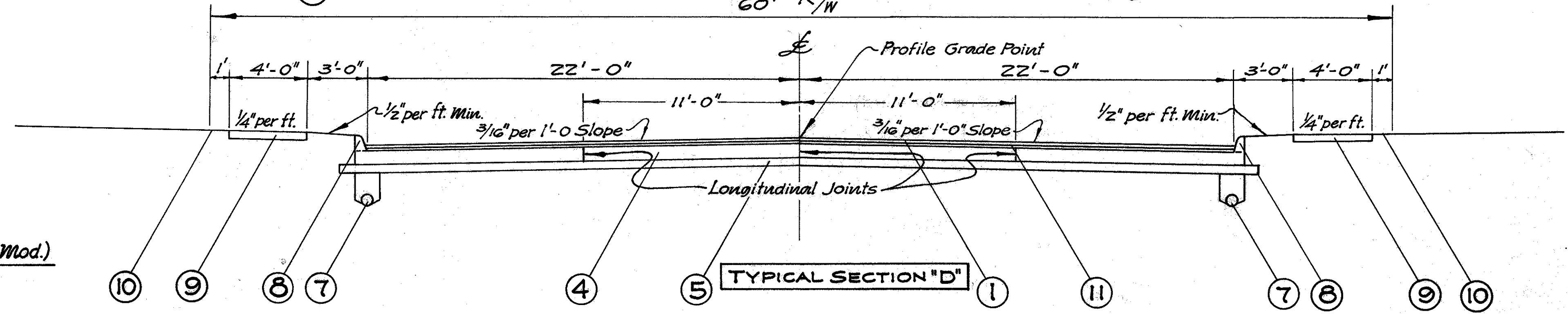
DETAIL OF COURSES AT BASE WIDENING



The variable depth leveling course shall be finished parallel to and 2" below the finished surface course.



DETAIL 8" TYPE 4-A CONCRETE CURB (Mod.)

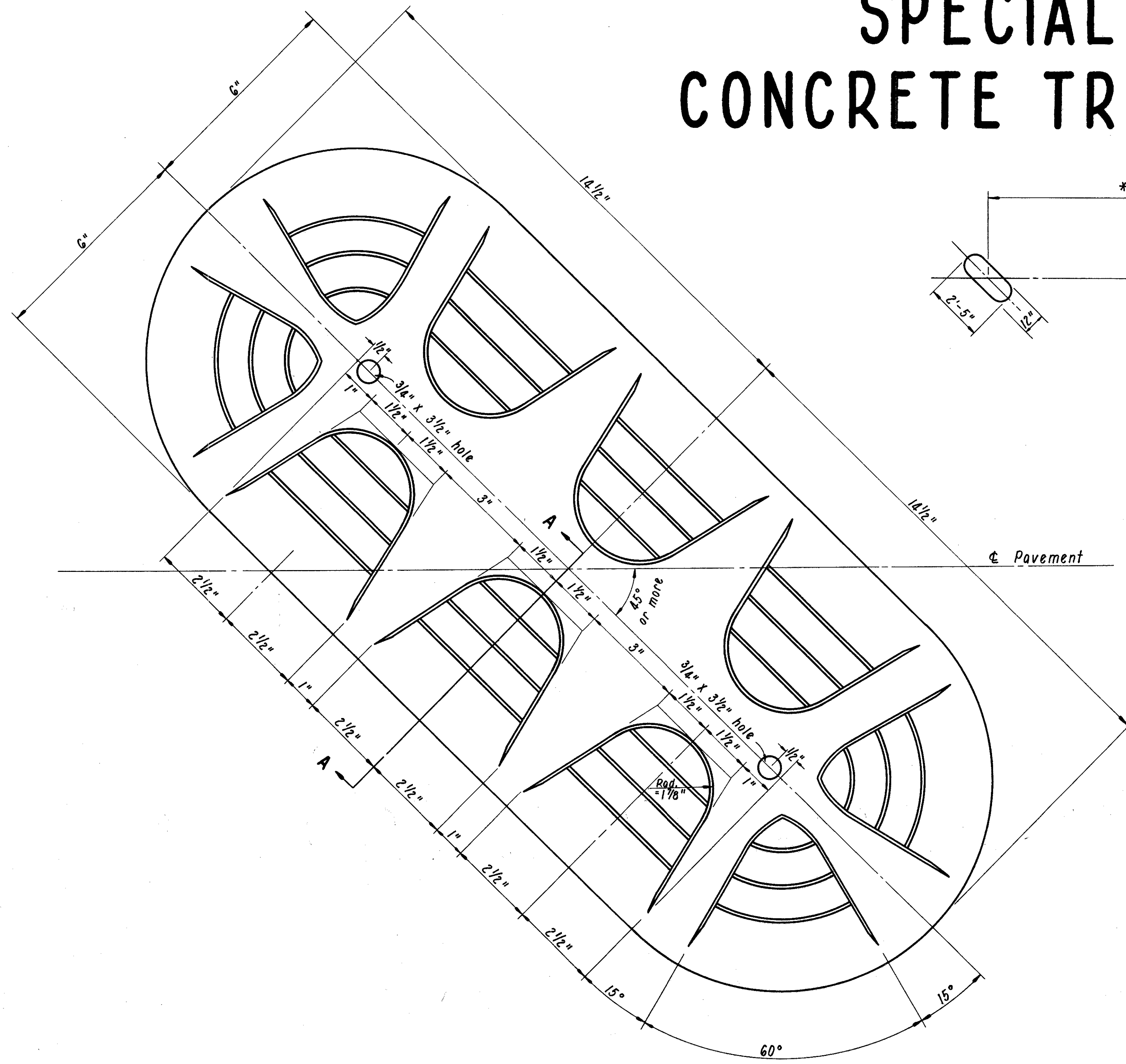


The above Typical Section applies on County Line Street - Sta. 54+40.5 to Sta. 70+13.53 = 1573.03 Lin. Ft. (Municipal) U-1002(1) - Code 6706.

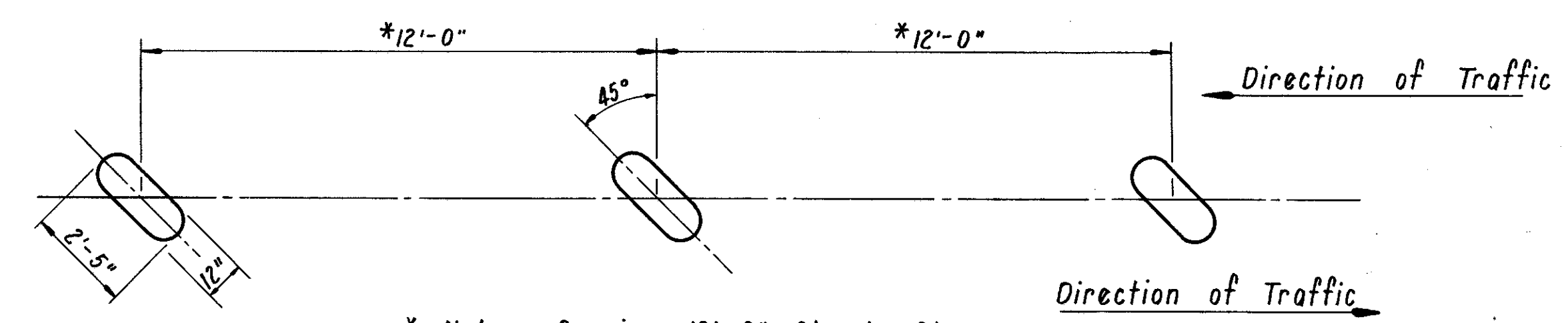
FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	FISCAL YEAR
2	OHIO	U-657 (1) U-646 (2) U-646 (1) U-1002 (1)	POST WAR

HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23 (11.68) (12.38) (12.62)
HAN-12-27.54 SEN-12 (00.00) (0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-0.00

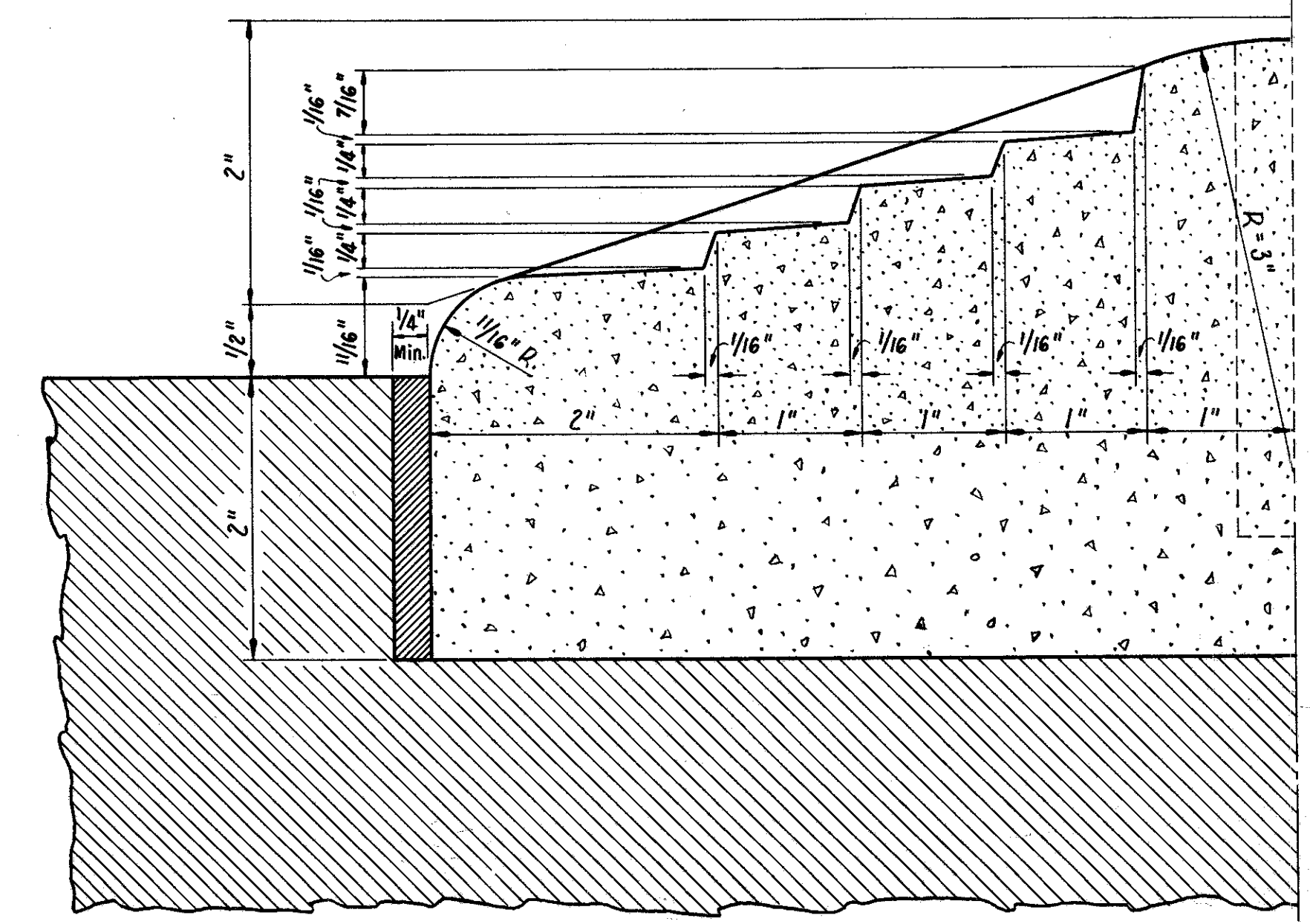
SPECIAL PRECAST CONCRETE TRAFFIC DIVIDERS



PLAN
Scale - Half Size



* Note: Spacing 12'-0" Ctr. to Ctr. except where otherwise shown on plans.



SECTION A-A
Scale - Full Size

WHEN PLACED IN BITUMINOUS CONCRETE:
The dividers shall not be placed until the bituminous concrete surface has been completed. The opening remaining between the bituminous concrete and the traffic dividers shall be filled with the same type bituminous material used in the mix, care being exercised to keep the traffic divider free of any material tending to deface them.

WHEN PLACED IN PORTLAND CEMENT CONCRETE:
Openings into which the traffic dividers are to be set shall be formed by a method acceptable to the Engineer at the time the concrete pavement is placed. The opening remaining between the concrete pavement and the traffic dividers shall be filled with 1:2 cement mortar or Sec. M-5.1 bituminous material.

RAISED CURB INLET

FED. RD. DIVISION	STATE	FEDERAL AID PROJECT	TYPE FUNDS
2	OHIO	U-657(2) U-646(2) U-1002(1)	POST WAR

4B
98

SENECA COUNTY, HANCOCK COUNTY, WOOD COUNTY
 SEN-23-(11.68)(2381262) HAN-23-0.00 WOO-23-0.00
 SEN-12-(0.00)(0.68) HAN-12-27.54
 SEN-18-(1.45)

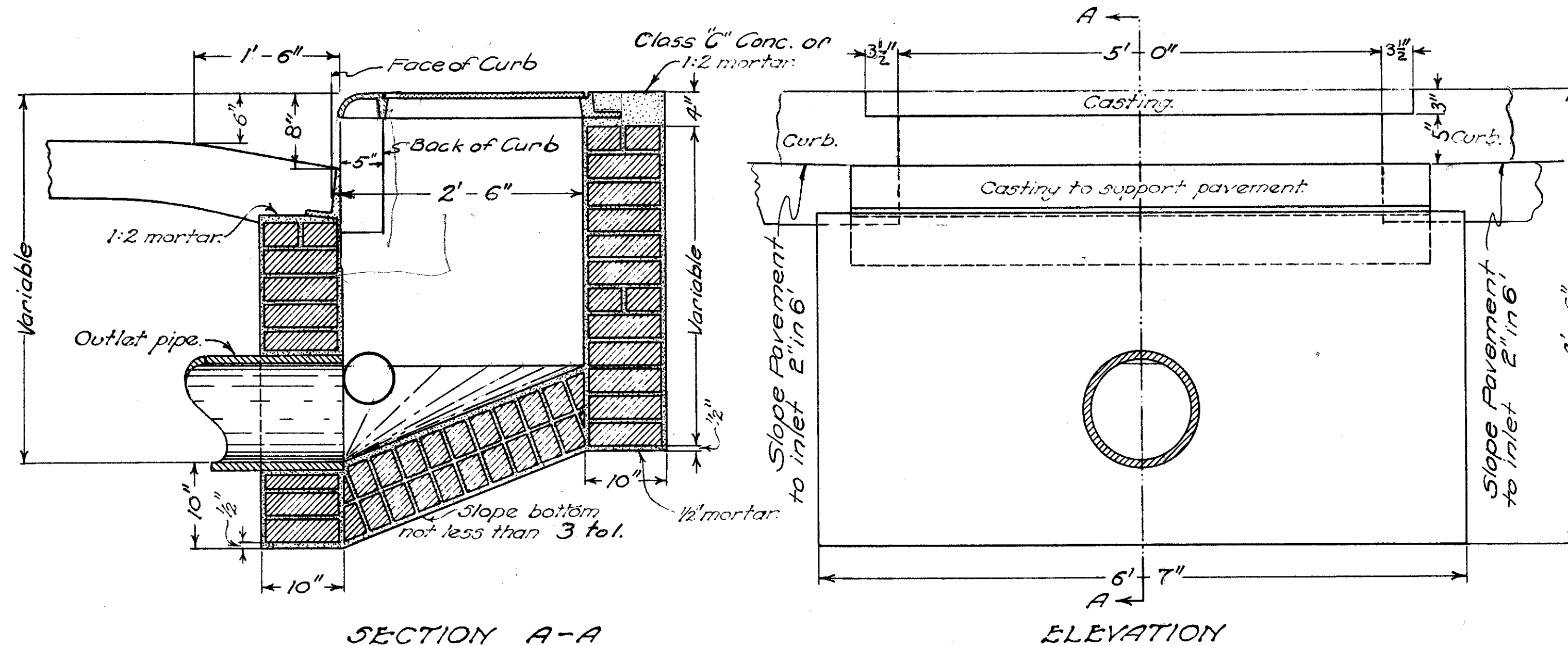
NOTES

CASTINGS shall be of cast iron in accordance with Material Details. The design shall be essentially the same and equally as strong as those shown hereon, and shall be given one coat of asphaltum paint as per specifications. Weight approximately 675 pounds.

After casting has been set, the space between the webs shall be filled with Class C Concrete.

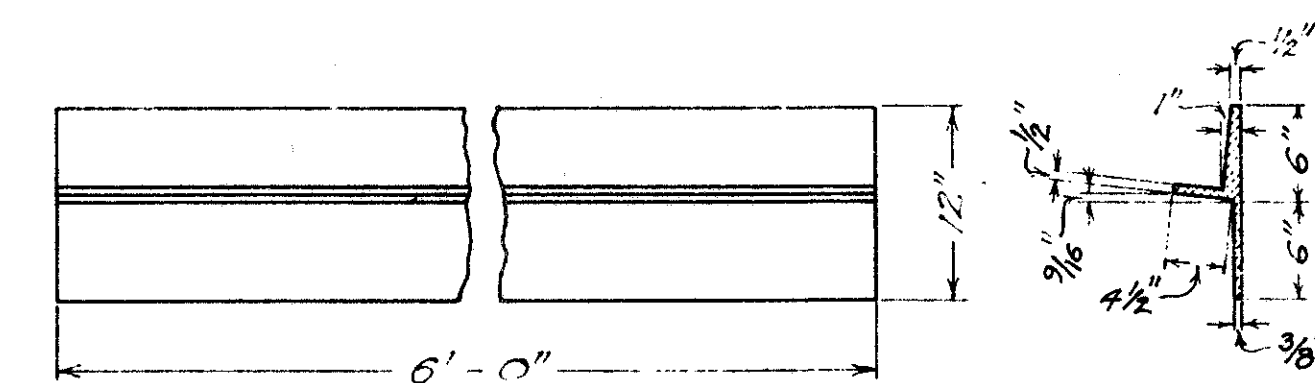
CONSTRUCTION:- Inlets shall be constructed of brick laid in Portland cement mortar with every sixth course a stretcher course, and to be plastered on the inside and outside with 1-2 cement mortar 1/2" thick.

In case of side inlet, or outlet, bottom of inlet shall be shaped accordingly.

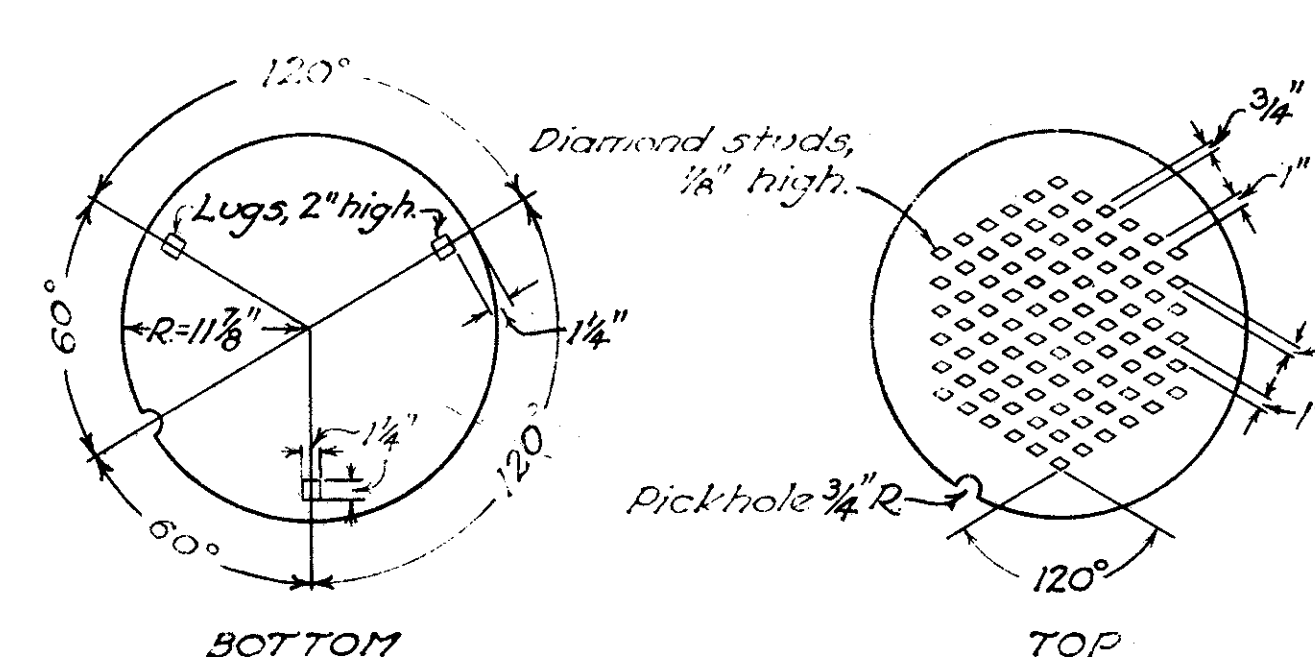


SECTION A-A

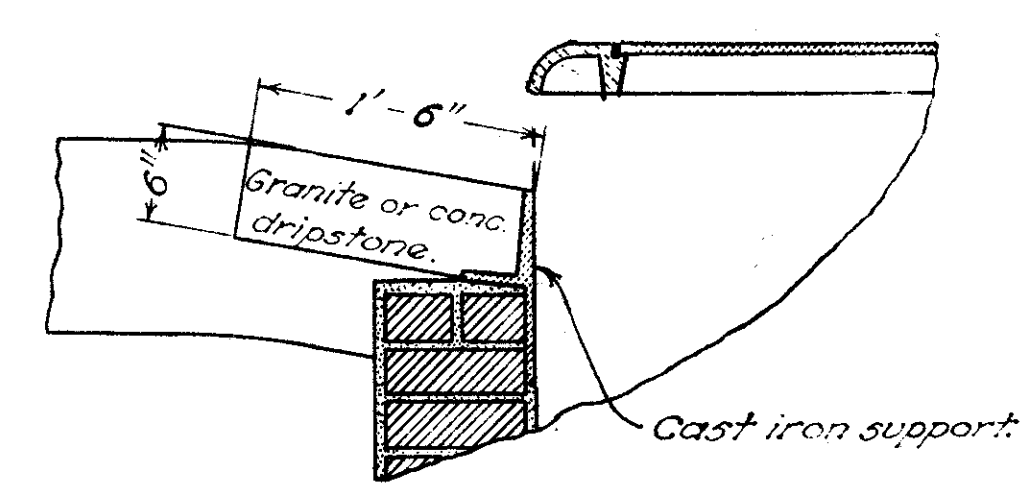
ELEVATION



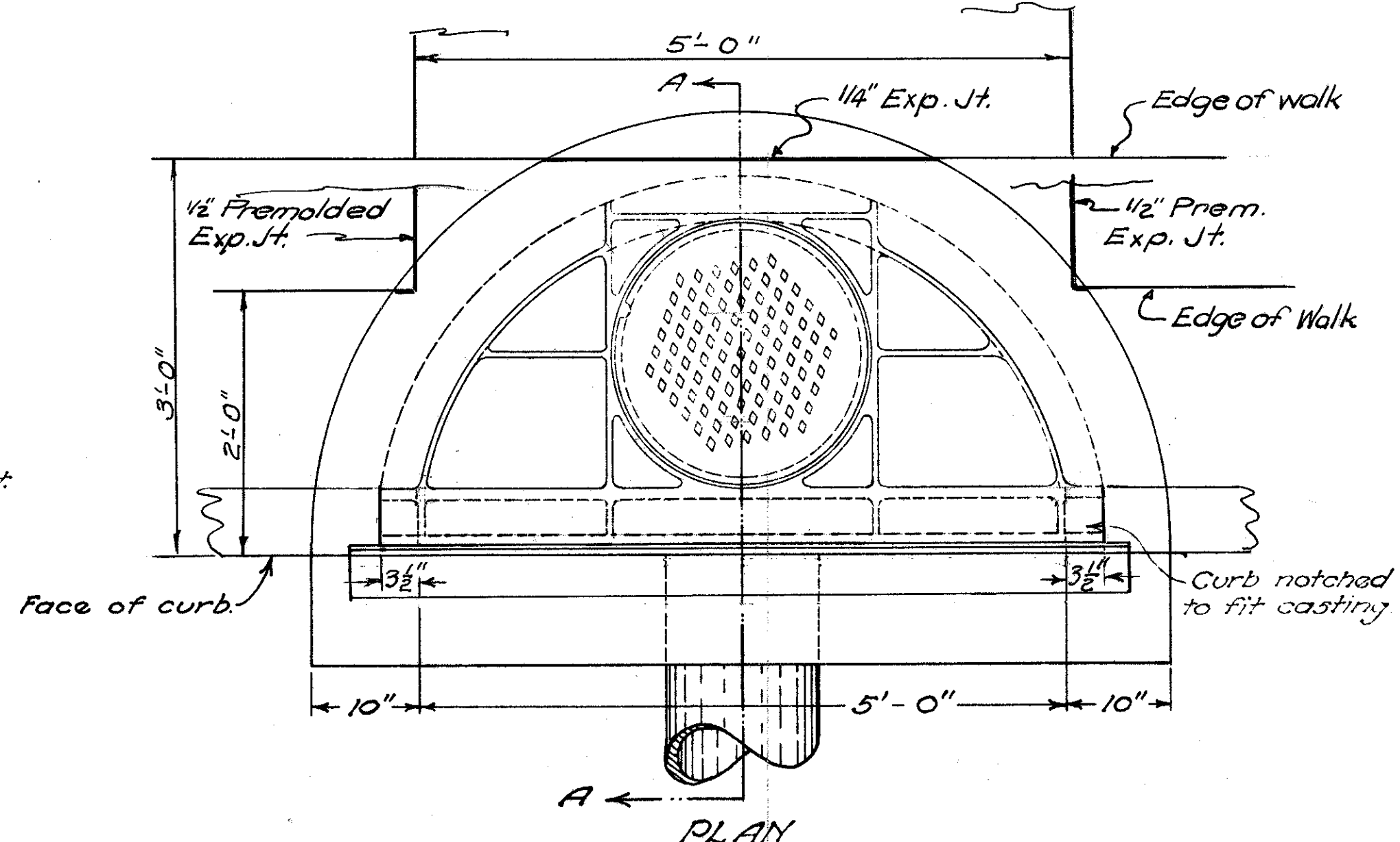
DETAIL OF PAVEMENT SUPPORT
Approximate weight 160#



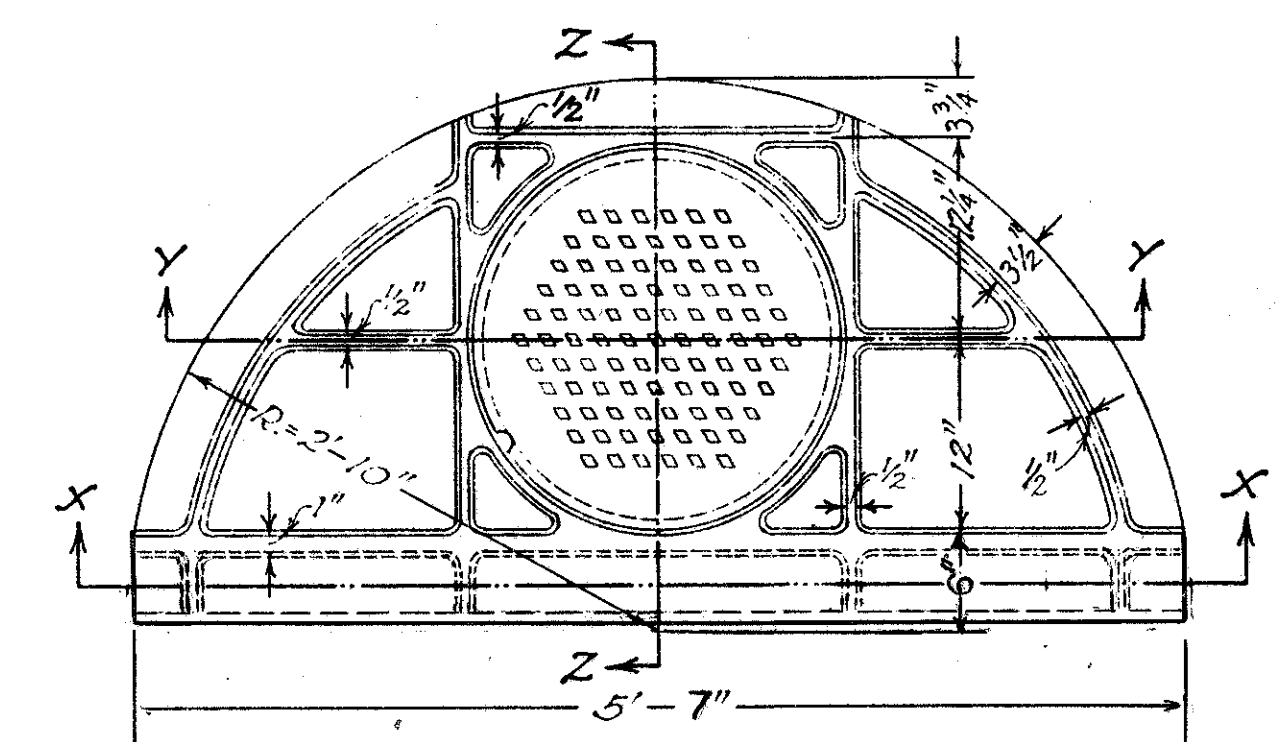
DETAIL OF COVER



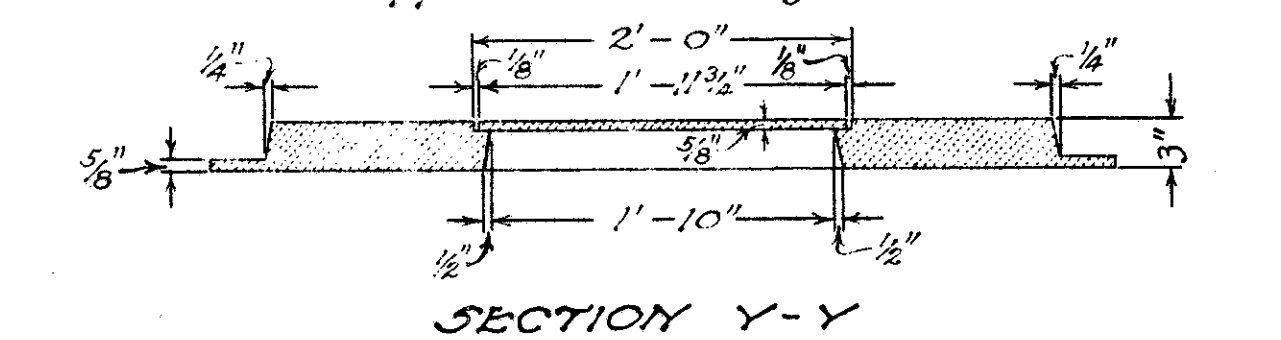
SECTION OF DRIPSTONE
For macadam or unpaved streets.



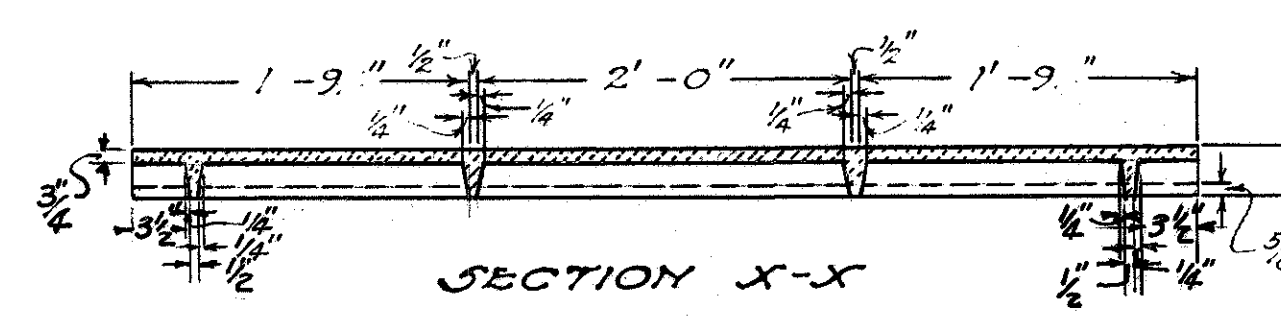
PLAN



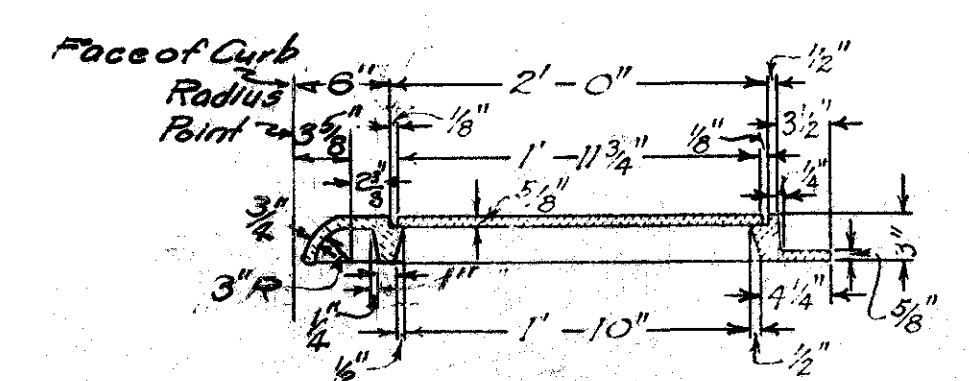
PLAN OF CASTING
Approximate weight = 515#



SECTION Y-Y



SECTION X-X



SECTION Z-Z

CURB INLET

I-8 I.
No. 6

GENERAL SUMMARY

ITEM	CODE 7221				TOTAL CODE 6706	CODE 6708	TOTAL CODES 6708	COUNTY LINE SEWER	TOTAL PROJECT	UNIT	DESCRIPTION				
	U-646(2)		U-1002(1)									U-1002(1)	U-1002(1)	U-1002(1)	U-1002(1)
	(1)	(2)	(4)	(5)											
E-1	4918	14851	5102	24871	1745	5757	12,604	29373	Cu.Yds.	Roadway Excavation					
E-8	699	1576	12070	14,345	1390	552	14,012	16,287	Sq.Yds.	Removal and Disposal of Existing Pavement					
E-8	3933	2583	7226	13,742	3722		10,948	17,464	Lin.Ft.	Removal and Disposal of Existing Curb					
E-8	16,177	15,933	36,094	68,204	14,132	3,357	53,577	85,687	Sq.Ft.	Removal and Disposal of Existing Sidewalk					
E-8	190	422	45	657	3647	17	3709	4,321	Lin.Ft.	Sealing only					
E-9	Lump	Lump	Lump	Lump	Lump	Lump	Lump	Lump	Lump	Removal of Trees and Stumps					
E-11	11	29	23	63	2	5	30	70	M Gals	Water					
I-10			27	27	11		38	38	Sq.Yds.	Riprap, Type "B"					
I-13	17,709	16,175	29,628	62,512	11,767	8573	48,908	82,792	Sq.Ft.	4" Concrete Sidewalks					
I-13			219	219	15		234	234	Sq.Ft.	Concrete Steps as per plan (6" Riser, 12" Tread)					
I-15		8	9	28	6		162.5	162.5	Lin.Ft.	Guard Rail, Steel Beam Type (Deep)					
I-17							24	43	Cu.Yds.	Side Approaches, Mail Box Turnouts, and Berm Material					
L-9	3453	14,254	4693	19,400	3848	3606	12,147	26,854	Sq.Yds.	Seeding and Protecting, Type A as per plan					
L-9	0.35	1.05	0.54	1.94	0.41		1.32	2.72	Tons	Commercial Fertilizer (10-6-4)					
L-10	450	398	1323	2171	298	950	2571	3419	Sq.Yds.	Sodding					
SS-5	2136	4725	2853	9716	440	1254	4549	11,410	Cu.Yds.	Classified Embankment Material					
I-2	350	800	700	1250	200	150	1050	1600	Lin.Ft.	6" Pipe for Storm Sewers					
I-2	6	24	100	100	27	229	356	30	Lin.Ft.	8" Pipe for Storm Sewers					
I-2	478		478	478	228	228	1198	706	Lin.Ft.	12" Pipe for Storm Sewers					
I-2	42	768	810	810	294	950	950	1198	Lin.Ft.	18" Pipe for Storm Sewers					
I-2	893		893	893	243	243		1760	Lin.Ft.	21" Pipe for Storm Sewers					
I-2	2036		1129	3165	15		1129	893	Lin.Ft.	24" Pipe for Storm Sewers					
I-2			546	546			546	3165	Lin.Ft.	30" Pipe for Storm Sewers					
I-2			48	48			48	546	Lin.Ft.	36" Pipe for Storm Sewers					
I-2			12	12			12	48	Lin.Ft.	60" Special Standard strength Reinforced Concrete Culvert Pipes, Sec.M-6.6(b) for Storm Sewer (Radius Pipe)					
I-2	376	654	945	1975	694	698	2337	3367	Lin.Ft.	8" Pipe for Storm Sewers Under Pavement					
I-2	49		5	54	281	286	286	335	Lin.Ft.	12" Pipe for Storm Sewers Under Pavement					
I-2	360		360	360	238	7	243	605	Lin.Ft.	15" Pipe for Storm Sewers Under Pavement					
I-2	85	157	242	242	243	243		243	Lin.Ft.	18" Pipe for Storm Sewers Under Pavement					
I-2	72	67	161	228			161	242	Lin.Ft.	21" Pipe for Storm Sewers Under Pavement					
I-2	67		112	112			112	228	Lin.Ft.	24" Pipe for Storm Sewers Under Pavement					
I-2			2085	2085			2085	1848	Lin.Ft.	30" Pipe for Storm Sewers Under Pavement					
I-2			32	32			32	2085	Lin.Ft.	36" Pipe for Storm Sewers Under Pavement					
I-2			140	140			140	276	Lin.Ft.	48" Pipe for Storm Sewers Under Pavement					
I-3	4231	8501	7130	19,862	3268	3784	14,882	26,914	Lin.Ft.	60" Extra Strength Reinf. Conc. Curb Pipe Sec.M-6.6(c) for Storm Sewer under R.R.					
I-4		292		292				292	Lin.Ft.	48" Extra Strength Reinf. Conc. Curb Pipe Sec.M-6.6(c) for Storm Sewer under Railroad as per plan					
I-4	4		3	4			3	4	Each	4" Pipe for Roadway Drainage					
I-5	2		3	5			3	5	Each	6" Pipe Underdrains					
I-8		1		1			1	1	Each	6" Pipe Underdrains					
I-8	7	12	12	31	2		14	33	Each	12" Pipe Specials for Storm Sewer under Pavement					
I-8	4	3	2	5			3	5	Each	Standard No. 1-2 B Catch Basin					
I-8	4	3	2	5			3	5	Each	Standard No. 3 Catch Basin					
I-8	2	2	2	4			2	4	Each	Standard No. 3-A Catch Basin					
I-8	2	2	2	4			2	4	Each	Standard No. 3-A Catch Basin Modified as per plan					
I-8	17	17	17	17	13	15	45	45	Each	No. 6 Curb Inlet as per plan					
I-8	3	2	2	7	8	4	14	19	Each	Standard No. 1 Manhole					
I-8	3	10	7	14	3		7	11	Each	Standard No. 1 Manhole, Modified as per plan					
I-8							4	17	Each	Standard No. 3 Inlet Manhole					
I-8	8	8	13	29	3	1	4	4	Each	Inlets Adjusted to Grade					
I-8	8	8	13	29	3	3	24	40	Each	Manholes Adjusted to Grade					
I-8	4	3	2	5	2	4	2	2	Each	Manhole Boxes Adjusted to Grade					
I-8	6	4	20	30	4	4	24	6	Each	Standard No. 1 Manhole Castings Heavy Type as per plan					
I-8	17	10	33	60	7	9	49	34	Each	Manholes Abandoned					
I-8	5	8	13	13	1		1	14	Each	Inlets Abandoned					
E-2			41	41			41	41	Cu.Yds.	Catch Basins Abandoned					
S-1			23.4	23.4			23.4	41	Cu.Yds.	Excavation for Structures					
S-4			1208	1208			1208	23.4	Pounds	Concrete for Structures, Class "C"					
S-24			Lump (22)	Lump (22)	Lump (2)		Lump (24)	1208	Lump	Reinforcing Steel					
S-303			4	4			4	Lump (24)	4	Removal of Existing Structures (Concrete, Stone, and Brick Steps)					
								4	Lin.Ft.	Premolded Sealing Strip					
T-30					953	1069	2024	2024	Gallons	P A V E M E N T					
T-70	286	256	700	1242	479	656	1895	2427	Sq.Yds.	Bifluorinated Tack Coat, See M-5.5, SS-1 or MS-2,					
T-71	12,458	27,582	21,393	61,433			21,393	61,433	Sq.Yds.	6" Portland Cement Concrete Pavement					
T-80	14	8	50	72			50	72	Sq.Yds.	9" Reinforced Portland Cement Concrete Pavement					
B-20	5	7	200	200	265	310	575	1012	Sq.Yds.	Brick Wearing Course, As Per Plan					
B-35			2	14	418	300	718	603	Cu.Yds.	10" Waterbound Macadam Base (2.5" Courses)					
B-70					68	68	68	738	Cu.Yds.	Asphaltic Concrete Surface Course, Type "C" (70-80)					
B-71	71	8422	74	145	3671	19,927	18,598	18,598	Sq.Yds.	Asphaltic Concrete Leveling Course (70-80)					
I-12	3697	150	6269	18,388	2850	3489	6269	18,388	Lin.Ft.	8" Reinforced Portland Cement Concrete Base Course					
I-12	150	44	44	150	203	247	247	187	Lin.Ft.	Concrete Curb, Type G					
I-12	157	394	107	652	11	118	118	187	Lin.Ft.	Concrete Curb, Type 4-A Modified as per plan					
Special								247	Lin.Ft.	Concrete Curb, Type 4-A Modified as per plan					
								663	Each	Special Precast Concrete Traffic Dividers					

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	POST WAR

HANCOCK COUNTY SENeca COUNTY
 HAN-23-000 SEN-23(1168)12.38112.62
 WOOD COUNTY SEN-12-2754 SEN-12(10.00)(0.68)
 WOO-23-0-00 SEN-18-(1.45)

PAVEMENT COMPUTATIONS

CODE 7221

U-657 (1)

T-71, 9" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT

From Typical Section "A":
 $\frac{1686.07 \times 53}{9} = 9929.08 \text{ Sq. Yds.}$
 From Extra Pavement Table = 2528.8 Sq. Yds.
 Total = $12457.88 \text{ Sq. Yds., Use } 12458 \text{ Sq. Yds.}$

SS-5, CLASSIFIED EMBANKMENT MATERIAL, 6" COURSE

From Typical Section "A":
 $\frac{1686.07 \times 54.5}{9} \times \frac{6}{36} = 1701.68 \text{ Cu. Yds.}$
 From Extra Pavement Table = 434.70 Cu. Yds.
 Total = $2136.38 \text{ Cu. Yds., Use } 2136 \text{ Cu. Yds.}$

U-646 (2)

T-71, 9" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT

From Typical Section "A":
 $\frac{4025.95 \times 53}{9} = 23708.37 \text{ Sq. Yds.}$
 From Extra Pavement Table = 2374.30 Sq. Yds.
 Total = $26082.67 \text{ Sq. Yds., Use } 26083 \text{ Sq. Yds.}$

SS-5, CLASSIFIED EMBANKMENT MATERIAL, 6" COURSE

From Typical Section "A":
 $\frac{4025.95 \times 54.5}{9} \times \frac{6}{36} = 4063.23 \text{ Cu. Yds.}$
 Add from Extra Pavement Table = 404.50 Cu. Yds.
 Total = $4467.73 \text{ Cu. Yds., Use } 4468 \text{ Cu. Yds.}$

U-646 (1)

T-71, 9" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT

From Typical Section "A":
 $\frac{253.57 \times 53}{9} = 1493.25 \text{ Sq. Yds.}$
 From Extra Pavement Table = 5.4 Sq. Yds.
 Total = $1498.65 \text{ Sq. Yds., Use } 1499 \text{ Sq. Yds.}$

SS-5, CLASSIFIED EMBANKMENT MATERIAL, 6" COURSE

From Typical Section "A":
 $\frac{253.57 \times 54.5}{9} \times \frac{6}{36} = 255.92 \text{ Cu. Yds.}$
 From Extra Pavement Table = 1.00 Cu. Yds.
 Total = $256.92 \text{ Cu. Yds., Use } 257 \text{ Cu. Yds.}$

E-8, REMOVAL AND DISPOSAL OF EXISTING PAVEMENT (Brick on Concrete)

Sta. 3+33.30 to Sta. 5+86.87, Average Width = 30.2 Ft.
 $\frac{253.57 \times 30.2}{9} = 850.87 \text{ Sq. Yds.}$
 From Recap Table = 272.80 Sq. Yds.
 Total = $1123.67 \text{ Sq. Yds., Use } 1124 \text{ Sq. Yds.}$

U-1002 (1)

T-71, 9" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT

From Typical Section "A" and "B":
 "A" $\frac{1178.84 \times 53}{9} = 6942.06 \text{ Sq. Yds.}$
 "B" $\frac{2198.64 \times 45}{9} = 10993.20 \text{ Sq. Yds.}$
 Add from Extra Pavement Table = 3457.40 Sq. Yds.
 Total = $21392.66 \text{ Sq. Yds., Use } 21393 \text{ Sq. Yds.}$

SS-5, CLASSIFIED EMBANKMENT MATERIAL, 6" COURSE

From Typical Section "A", 6" Course.
 From Typical Section "B", 4" Course.
 "A" $\frac{1178.84 \times 54.5}{9} \times \frac{6}{36} = 1189.76 \text{ Cu. Yds.}$
 From Extra Pavement Table = 41.40 Cu. Yds.
 Total 6" Course = 1231.16 Cu. Yds.

"B" $\frac{2198.64 \times 46.5}{9} \times \frac{4}{36} = 1262.18 \text{ Cu. Yds.}$

From Extra Pavement Table = 361.80 Cu. Yds.
 Total 4" Course = 1623.98 Cu. Yds.

Total SS-5 = $1231.16 + 1623.98 = 2855.14 \text{ Cu. Yds., Use } 2855 \text{ Cu. Yds.}$

U-1002 (1) CONT'D.

E-8 REMOVAL AND DISPOSAL OF EXISTING PAVEMENT

On South St. Sta. 0+86.65 to Sta. 12+65.49
 Average width 30.2 lin. Ft.
 On County Line Street, Sta. 17+50 to 36+28 (Brick) and Sta. 36+28 to 36+50 (Concrete)
 Average Widths: 24.36 Lin. Ft. (Brick) and 30.2 Lin. Ft. (Concrete).
 $\frac{1178.84 \times 30.2}{9} + \frac{1878 \times 24.36}{9} + \frac{22 \times 30.2}{9} = 9112.6 \text{ Sq. Yds.}$
 Add from Recap Table = 2957.7 Sq. Yds.
 Total = $12070.3 \text{ Sq. Yds., Use } 12,070 \text{ Sq. Yds.}$

CODE 6706

U-1002 (1)

T-35, ASPHALTIC CONCRETE SURFACE COURSE, TYPE "C" (70-80)

From Typical Section "C":
 $\frac{1790.5 \times 44}{9} = 8753.56 \text{ Sq. Yds.}$
 From Extra Pavement Table = 794.70 Sq. Yds.
 Total = 9547.26 Sq. Yds.
 Volume: $9547.26 \times \frac{1}{36} = 265.2 \text{ Cu. Yds., Use } 265 \text{ Cu. Yds.}$

B-35, ASPHALTIC CONCRETE LEVELING COURSES.

1" UNIFORM THICKNESS Ave. width = $7.14 + 6.84 = 13.98 \text{ Lin. Ft.}$
 From Typical Section "C":
 $\frac{1790.5 \times 13.98}{9} = 2781.24 \text{ Sq. Yds.}$
 From Extra Pavement Table = 794.70 Sq. Yds.
 Total = 3579.94 Sq. Yds.

Volume: $3579.94 \times \frac{1}{36} = 99.44 \text{ Cu. Yds.}$
 1" MINIMUM THICKNESS Ave. width = 30.02 Lin. Ft.
 $\frac{1790.5 \times 30.02}{9} = 5972.31 \text{ Sq. Yds.}$
 $\frac{5972.31 \times \frac{1}{36}}{9} = 165.90 \text{ Cu. Yds.}$

In order to correct crown deficiencies and to remove surface irregularities, the quantities of 135.64 Cu. Yds. and 16.95 Cu. Yds. are added, based on 400 Cu. Yds. and 50 Cu. Yds. per mile respectively.
 Total B-35 = $99.44 + 165.90 + 135.64 + 16.95 = 417.93 \text{ Cu. Yds., Use } 418 \text{ Cu. Yds.}$

T-30, BITUMINOUS TACK COAT, USING BITUMINOUS MATERIAL SEC. M5.5,

SS-1 OR MS-2, APPLIED AT THE RATE OF 0.10 GALLONS PER SQ. YD., INCLUDING SAND COVER.
 Area same as for B-35 above: $3579.94 + 5972.31 = 9552.25 \text{ Sq. Yds.}$
 $9552.25 \times 0.10 = 955.225 \text{ Gallons, Use } 955 \text{ Gallons}$

B-71, REINFORCED PORTLAND CEMENT CONCRETE BASE

From Typical Section "C":
 $\frac{1790.5 \times 14.98}{9} = 2980.19 \text{ Sq. Yds.}$
 From Extra Pavement Table = 690.30 Sq. Yds.
 Total = $3670.49 \text{ Sq. Yds., Use } 3671 \text{ Sq. Yds.}$

SS-5, CLASSIFIED EMBANKMENT MATERIAL, (4" COURSE)

From Typical Section "C":
 $\frac{1790.5 \times 16.48}{9} \times \frac{4}{36} = 364.29 \text{ Cu. Yds.}$
 From Extra Pavement Table = 73.60 Cu. Yds.
 Total = $437.89 \text{ Cu. Yds., Use } 440 \text{ Cu. Yds.}$

E-8, SEALING (ONLY)

From Typical Section "C":
 $1790.5 \times 2 = 3581 \text{ Lin. Ft.}$
 From Extra Pavement Table = 66 Lin. Ft.
 Total = $3647 \text{ Lin. Ft., Use } 3647 \text{ Lin. Ft.}$

CODE 6708

U-1002 (1)

T-35, 1" ASPHALTIC CONCRETE SURFACE COURSE, TYPE "C" (70-80)

From Typical Section "D":
 $\frac{1573.03 \times 44}{9} = 7690.4 \text{ Sq. Yds.}$
 From Extra Pavement Table = 3095.9 Sq. Yds.
 Total = 10786.3 Sq. Yds.
 * Volume: $10786.3 \times \frac{1}{36} = 299.62 \text{ Cu. Yds., Use } 300 \text{ Cu. Yds.}$
 $300.0 + 10 \text{ Cu. Yds. From Extra Pavt. table} = 310$

B-35, 1" UNIFORM THICKNESS ASPHALTIC CONCRETE LEVELING COURSE.

* Same Volume as for T-35 above: $300.0 \text{ Cu. Yds., Use } 300 \text{ Cu. Yds.}$

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	POST WAR

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(1168)12.38(12.62)
 HAN-12-27.54 SEN-12(10.00)10.68
 WOOD COUNTY SEN-18(145)

U-1002 (1) CONT'D.

T-30, BITUMINOUS TACK COAT, USING BITUMINOUS MATERIAL SEC. M5.5, SS-1 OR MS-2, APPLIED AT THE RATE OF 0.10 GALLONS PER SQ. YD. INCLUDING SAND COVER.

Area = $\frac{1573.03 \times 44}{9} = 7690.4 \text{ Sq. Yds.}$
 From Extra Pavement Table = 2997.9 Sq. Yds.
 Total = 10688.3 Sq. Yds.
 Volume: $10688.3 \times 0.10 = 1068.8 \text{ Gallons, Use } 1069 \text{ Gallons}$

B-71, 8" REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT

From Typical Section "D":
 $\frac{1573.03 \times 45}{9} = 7865.15 \text{ Sq. Yds.}$
 From Extra Pavement Table = 3062.10 Sq. Yds.
 Total = $10927.25 \text{ Sq. Yds., Use } 10,927 \text{ Sq. Yds.}$

SS-5, CLASSIFIED EMBANKMENT MATERIAL

From Typical Section "D":
 $\frac{1573.03 \times 46.5}{9} \times \frac{4}{36} = 903.0 \text{ Cu. Yds.}$
 From Extra Pavement Table = 350.9 Cu. Yds.
 Total = $1253.9 \text{ Cu. Yds., Use } 1254 \text{ Cu. Yds.}$

GENERAL NOTES

UTILITIES: All work required to relocate or adjust, etc., all gas, oil, telephone, telegraph, electric, water, or other services to the new grade and alignment shall be completed by the utilities in question.

CONTROL POINTS: Before construction operations begin, the Engineer will reference all existing monuments, R.R. spikes, iron bolts in the survey line. Upon completion, the Engineer will re-establish all these control points in the new pavement.

TREE REMOVALS: No trees shall be removed until specifically marked for removal. Particular care shall be taken to protect all trees not marked for removal.

PRIVATE DRIVES AND ALLEYS: Curb shall be omitted at private drives and alleys for the length "C" shown in the Side Approach Table. For construction notes and details, see Sheet No. 16.

HAND FINISHING: Hand finishing will be permitted only in areas inaccessible for the finishing machine.

SODDING: Areas between the public sidewalk and curb shall be sodded, except on U-1002(1) between Stations 41+98 and 53+80 on left, and Stations 44+45 and 53+80 on right (County Line Street).

SEEDING: The following seed mixture shall be used:

Kentucky Blue	40%
Creeping Red Fescue	30%
Perennial Rye	15%
White Dutch Clover	15%

PAVEMENT AND SIDEWALK REMOVAL: Pavement Removal may be concrete, brick, or brick on concrete. Bituminous Macadam or Surface-treated Macadam is included in Roadway Excavation, E-1. Sidewalk removal may be concrete, brick or stone.

REMOVAL AND STORAGE: The following items shall be removed and stored at the City of Fostoria storage yard: Stone sidewalks, stone curb, all cast removed from inlets, catch basins, and manholes to be abandoned.

PAVEMENT REPLACEMENT: At various locations on U-1002(1) for the purpose of laying storm sewers, Pavement Removal and Pavement Replacement Quantities are provided. On County Line Street sewer project, Pavement Replacement shall consist of 1" T-35 Asphaltic Concrete Surface Course, Type "C", 1" B-35 Asphaltic Concrete Leveling Course, and 10" Waterbound Macadam Base (2-5" Courses) Between Stations 36+50 and 54+40.5 on U-1002(1) Code 6T06, Pavement Replacement shall consist of B-70, 8" Portland Cement Concrete Pavement. On Item 96-D in Storm Sewer Table, Pavement Replacement in Parking Lot shall consist of 10" Waterbound Macadam Base (2-5" Courses).

CATCH BASIN MODIFICATIONS: The Standard No. 3-A Catch Basins (Modified) shall be modified as shown in the detail on Sheet No. 20.

MANHOLE MODIFICATIONS: The Standard No. 1 Manhole (Modified) shall be modified as shown in the detail on Sheet No. 20.

FILLING MAJOR DEPRESSIONS: Major depressions in the existing pavement shall be filled and compacted with bituminous concrete leveling material in advance of placing the regular leveling course. These depressions shall be filled in layers not to exceed 3 inches in depth when compacted.

RESETTING CASTINGS: This item shall be performed after completion of the leveling course and prior to placing the surface course. Compaction of the material around castings inaccessible to rollers shall be in accordance with the requirements of Sec. T-50.21.

PIPE UNDERDRAINS: The 6" or 8" pipe underdrains, including porous backfill, shall be laid 3'-0" below top of curb or to grades set by the Engineer. The 6" or 8" pipe underdrains shall outlet at each catch basin.

I-2 PIPE CONNECTIONS: Where pipe connections are intended to be made by cutting into the main carrying line without the use of pipe specials, the work involved in making such connections shall be included in the price bid per lineal feet of I-2 Pipe for Storm Sewers. Quantities of 6" pipe (I-2) are shown in the Storm Sewer tables to provide for connections of existing drain lines to the main carrying line.

SODDING AT CATCH BASINS: Sod shall be placed at Catch Basins as directed by the Engineer. Estimated Quantity = 6 Sq. Yds. per Catch Basin. 1 C.B. x 6 = 6 Sq. Yds.

PAVEMENT JOINTS: The joints as shown on the plans and typical sections shall govern. No Construction, Longitudinal, Key or Expansion Joint shall be less than 2' in length. The arrangement of the joints as shown on the plans at intersections, may be varied to facilitate construction if approved by the Engineer. The joint details as shown on the plans at intersections are minimum requirements.

PAVEMENT JOINTS: (Continued)

LEGEND

	Key Joint without tie bars.
	Expansion Joint
	Longitudinal or Construction Joint.

DETOURS: The detours on City Streets shall be provided by the City of Fostoria.

LIMITATIONS OF OPERATIONS: The attention of the Contractor is specifically called to Sec. G-9.07 of the Construction and Materials Specifications, regarding the Cooperation between Contractors, and the conduct of the Work regarding Traffic.

MANHOLE CASTINGS ONLY: This Item is to be used where the casting of the existing manhole, that was to be adjusted to grade, is too light to be in paved areas. This replacement will not be used where the existing casting was broken by the Contractor. It is estimated that 6-Standard No. 1 Manhole Castings (Heavy) will be required.

UTILITIES COORDINATION: The Contractor shall cooperate with the City of Fostoria in the removal and replacement of all public utilities, including city water and power lines, sanitary sewers and other city utilities. The work shall be so coordinated as to avoid delays to the Contractor.

The City of Fostoria shall install any new water lines or other public utilities and install or relocate any street lighting deemed necessary by the city.

I-4 PIPE UNDERDRAINS: In the following locations I-4 pipe underdrains shall be lowered to minimum depth of 4.0 feet or a maximum depth of 5.5 feet below the finished pavement grade where an outlet can be provided in accordance with the plan and where rock will not be encountered.

County Line St. Sta. 20+00 - 51+00.

The I-4 pipe underdrains shall be placed immediately following rough grading in order to insure stabilization of the subgrade prior to placement of the pavement and sub-base.

Except in the specific areas noted above, the I-4 drains shall be non-performed as directed by the Engineer, provided Laboratory tests indicate that the SS-5 sub-base material is sufficiently dense that drainage of the course is unnecessary. An average coefficient of permeability of 2 feet per day or less shall be considered to indicate a dense sub-base material.

T-90 -

Suitable brick removed from the existing pavement may be used to construct the brick wearing course.

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657 (1) U-646(2) U-646(1) U-1002(1)	POST WAR

HANCOCK COUNTY SENeca COUNTY
HAN - 23-0.00 SEN-23-11.68 | 12.38 | 12.62
WOOD COUNTY SEN-12(0.00) | 0.68
WOO-23-0.00 SEN-18-11.45

7
98

EXTRA PAVEMENT "P"

FED. RD. DIVISION	STATE	FEDERAL PROJECT	AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	U-646(2) U-1002(1)	POST WAR

HANCOCK COUNTY SENEGA COUNTY
 HAN-23-0.00 SEN-23-(1.68)(2.38)(2.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

SPECIAL PRECAST CONCRETE TRAFFIC DIVIDERS

SHEET NO.	REF. NO.	INTERSECTION		T-30 Tack Coat Sq. Yds.	T-35		B-35 1" Uniform Thickness Leveling Course Sq. Yds.	T-71 9" Reinforced Port. Cem. Concrete Pavement Sq. Yds.	B-71 8" Reinforced Port. Cem. Concrete Base Course Sq. Yds.	T-90 Brick Wearing Course Relaid Sq. Yds.	SS-5		B-20 2-5" Waterbd. Macadam Base Courses Sq. Yds.	E-8				I-4 6" Pipe Under-drain Lin. Ft.	I-5 Pipe Special 6" on 6" Tee Each	I-12 Type 6 Concrete Curb Lin. Ft.	I-12		I-13 4" Concrete Sidewalk Sq. Ft.	L-10 Sodding Sq. Yds.					
					1" Surface Course Sq. Yds.	Extra Material Variable Thickness Cu. Yds.					4" Blanket Course Cu. Yds.	6" Blanket Course Cu. Yds.		Pavement Removal Sq. Yds.	Curb Removal Lin. Ft.	Sidewalk Removal Sq. Ft.	Sealing Lin. Ft.				Type 4-A (Mod.) Concrete Curb 6" Lin. Ft.	Type 4-A (Mod.) Concrete Curb 8" Lin. Ft.							
U-657(1) LYTLE ST. EAST OF MID-BLK.																													
22	1-P	Lytle	Springville		5			1617.6				230.9				203.5	1473.5	160				801.7		70.9	814.7		2768.7		
23	1.5-P	Lytle	Transition					222.8				38.7				80.7						74.0			74.5		12		
24	2-P	Lytle	Poplar					267.5		4		41.6			61.3	209.5	658.5	30				188.5			185.4		623.0		
25	3-P	Lytle	Main					420.9		10		70.5			561.9	383.3	1172.0					317.3	4		248.2		764.0		
Totals - U-657(1)		to Summary			5					14								190				4	70.9						
		to Recap																											
		to Pmnt. Comp.						2528.8				434.7			623.2	877.0	3304.0					1381.5			1322.8		4155.7	12	
U-646(2) LYTLE ST. WEST OF MID-BLK.																													
33	4-P	Lytle	Findlay		5			1618.5				277.9						320				152.0			578.7				
37	5-P	Lytle	Co. Line					246.9				41.4					100.0					188.5			185.4		262.7		
38	6-P	Lytle	Union					248.9		8		41.7			411.5	233.3	880					188.5			185.4		568		
39	7-P	Lytle	Wood					260.0				43.5				277.3	947	52				188.5			185.4		592		
Totals - U-646(2)		to Summary			5					8								372											
		to Recap																											
		to Pmnt. Comp.						2374.3				404.5			411.5	510.6	1927.0						717.5			1134.9		1422.7	
U-646(1) SOUTH ST. EAST OF MID-BLK.																													
48	8-P	South	Main		2			54				1.0			4.8	52.0	353.8	50				31.4			15	15	144.8		
Totals - U-646(1)		to Summary			2							1.0			4.8	52.0	353.8	50				31.4			15	15	144.8		
		to Recap																											
		to Pmnt. Comp.						54				1.0			4.8	52.0	353.8	50				31.4			15	15	144.8		
U-1002(1) SOUTH ST. WEST OF MID-BLK.																													
50	9-P	South	Union					246.9		8		41.4			219.3	272.8	883.8					188.5			185.4		315		
36	10-P	South	County Line		2			1732.5				197.3			190.0		1979.0	45				462.0			462.0		1914.5		
		County Line St. North of South St.																											
53	11-P	County Line	Tiffin					281.7				31.3			455.0	341.0*	693.0					149			169.5		771.5		
53	12-P	County Line	Center					220.6		10		24.5			226.8	228	801.0					148			148.0		421.3	9	
54	13-P	County Line	North					422.7		10		47.3			341.3	342.7	1180.0					251.2			248.2		805.3	6	
54	14-P	County Line	College					195.0		8		21.7			194.4	224.0	772.8					136			136		356.0	10	
55	15-P	County Line	Fremont					260.5		10		28.9			262.4	257.4	795.0					135			135		360.0	10	
56	16-P	County Line	High					97.5		4		10.8			88.5	108.4	313.5					65			65		144.0	6	
Totals Code 7221		to Summary			2					50								45											
		to Recap																											
		to Pmnt. Comp.						3457.4				361.8	41.4		1977.7	1774.3	7418.1					1534.7			1549.1		5287.6	41	
57	17-P	County Line	Sta. 38+22 Lt. to Sta. 41+80 Lt.					67.6										66.0											
57	18-P	County Line	Liberty					59.1				6.6			60.2	84.6	211.0					62.8			61.3	176.0	7		
57	19-P	County Line	Elm					192.9				21.5			165.9	184.4	614.0					157.1			153.9	419.0			
58	20-P	County Line	Summit					346.6				52.4			443.4	308.1	1180.0					266.5			266.5	782.0			
59	21-P	County Line	Jackson					128.5				26.6			191.0	92.8	408.0					90.0			89.0	296.0	6		
Totals Code 6706		to Summary																											
		to Recap																											
		to Pmnt. Comp.						794.7	794.7		794.7	690.3	736			860.5	735.9	2413.0					576.4			589.7	1673.0	13	
60	22-P	County Line	Park Ave					96.5				10.7													77	60.0	3		
61	23-P	County Line	Calbertson					301.7				35.2													108.5	500.0	9		
62	24-P	County Line	U.S. 23 Ash					2599.7				305.0													1004.1		12		
63	25-P	County Line	Transition					98.0																					
Totals Code 6708		to Summary											107																
		to Recap																											
		to Pmnt. Comp.						2997.9	3095.9		10	3095.9	3062.1	350.0				274					769.9			1189.6	560.0	24	

* - Includes 171 Lin. Ft. of Header Curb.
 ** - Areas to be deducted.
 No widening on left from Sta. 38+22 to Sta. 41+51. (See Typical Section "D".)

SIDE APPROACHES "A"

SHEET REF. No.	STATION	E-6 REMOVAL AND DISPOSAL OF EXIST. PAVEMENT Sq. Yds.	T-70 6" CONCRETE PAVEMENT Sq. Yds.	WIDTH OF APPROACH AT WALK LIN. FT.	SIDEWALK DEDUCTION Sq. Ft.	SIDEWALK REMOVAL DEDUCTION Sq. Ft.	"C" CURB DEDUCTION LIN. FT.	SOD DEDUCTION Sq. Yds.	SEEDING DEDUCTION Sq. Yds.	I-17 Cu. Yds.	"L" LIN. FT.	"W" WIDTH OF BACK OF WALK LIN. FT.	E-1 EXCAVATION Cu. Yds.	TYPE OF DRIVE	I-12 TYPE 4A CONCRETE CURBS LIN. FT.	REMARKS
22	1A U-657(1)		14.2	31	186		32 1/2	5.7		4.0	5	10		A		
23	2A 603+40	Lt.	13.9	12	60		16	2.3		0.4				A		
23	3A 624+31	Lt.	9.9	14	70		18	2.7		0.4				A		
24	4A 625+53	Lt.	9.9	14	70		18	2.7		0.4				A		
	5A 625+53	Lt.	9.9	14	70		18	2.7		0.4				A		
	6A 625+04	Rt.	21.5	12	60		16	2.3		0.3				A		
	7A 627+15	Rt.	16.6	12	60		16	2.3		0.4				A		
	8A 627+00	Rt.	15.9	12	60		16	2.3		0.4				A		
	9A 627+08	Lt.	9.9	14	70		18	2.7		0.4				A		
	10A 631+00	Lt.	9.9	14	70		18	2.7		0.4				A		
24	11A 631+00	Lt.	9.9	14	70		18	2.7		0.4				A		
25	12A 632+27	Rt.	9.9	14	70		18	2.7		0.4				A		
	13A 632+27	Lt.	9.9	14	70		18	2.7		0.4				A		
	14A 633+55	Rt.	9.9	14	70		18	2.7		0.4				A		
	15A 633+55	Lt.	9.9	14	70		18	2.7		0.4				A		
	16A 634+86	Rt.	12.7	18	90		22	3.3		0.5				A		
	17A 634+86	Lt.	12.7	18	90		22	3.3		0.5				A		
25	18A 635+08	Lt.	1.1	12	60		16	2.7		0.4				A		
26	19A 636+17	Rt.	3.3	12	60		16	2.7		0.4				A		
	20A 639+27	Lt.	12.0	20	100		24	3.7		0.4				A		
	21A 639+14	Lt.	12.7	18	90		22	3.3		0.4				A		
	22A 639+14	Rt.	12.7	18	90		22	3.3		0.4				A		
	23A 640+32	Lt.	9.9	14	70		18	2.7		0.4				A		
	24A 640+32	Rt.	9.9	14	70		18	2.7		0.4				A		
26	25A 640+83	Lt.	5.5	12	60		16	2.3		0.4				A		
	Totals U-657(1) to Recap		75.9		1906		475	71.9		11.1						
	Totals U-657(1) to Summary		285.8													
	U-646(2)															
33	26A 1453+00	Rt.					16*			2.0				A		
37	27A 1478+08	Lt.					16*			2.0				A		
38	28A 3+84.5	Rt.	3.5	12	60		16	2.3		0.3				A		
39	29A 3+20	Lt.	8.4	12	60		16	2.3		0.3				A		
	30A 3+77	Rt.	8.4	12	60		16	2.3		0.3				A		
	31A 4+22	Lt.	8.4	12	60		16	2.3		0.3				A		
	32A 4+81	Rt.	8.4	12	60		16	2.3		0.3				A		
	33A 7+63	Rt.	8.5	12	60		16	2.3		0.3				A		
38	34A 7+73	Lt.	8.4	12	60		16	2.3		0.3				A		
39	35A 8+32	Lt.	8.4	12	60		16	2.3		0.3				A		
	36A 8+54	Rt.	8.4	12	60		16	2.3		0.3				A		
	37A 9+48	Lt.	19.6	12	60		16	2.3		0.3				A		
	38A 10+01	Lt.	8.4	12	60		16	2.3		0.3				A		
	39A 10+44	Lt.	8.4	12	60		16	2.3		0.3				A		
	40A 10+86	Rt.	3.3	11	60		16	2.3		0.3				A		
39	41A 11+48	Rt.	8.4	12	60		16	2.3		0.3				A		
39	42A 11+83	Rt.	5.8	12	60		16	2.3		0.4				A		
40	43A 15+11	Rt.	9.9	14	70		18	2.7		0.4				A		
	Totals U-646(2) to Recap		40.7		970		258	37.2		7.9						
	Totals U-646(2) to Summary		160.2													
	U-646(1)															
49	44A 3+86	Rt.	48.6	18	117		22							A		
48	45A 3+94 to 4+30	Rt.	76.0	40	260		43							A		
48	46A 4+60 to 5+08	Rt.	95.4	43	280		45							A		
48	47A 4+36	Lt.	48.0	18	130		30							A		
	Totals U-646(1) to Recap		268.0		787		140									
	Totals U-646(1) to Summary		95.0													
	U-1002(1) - CODE 7221															
49	48A 0+90.5	Rt.	14.5	14	70		18	2.7	11	0.3	5.5	10	2.4	A		
49	49A 1+10	Lt.	8.4	12	60		16	2.3	21	0.3	5	16	1.4	A		
49	50A 1+60	Rt.	22.6	18	90		22	3.3	9	0.4	4	10' to 9'	1.6	A		
49	51A 1+78	Lt.	26.0	14	70		18	2.7	11	0.6	5	8	2.1	A		
50	52A 2+13	Rt.	10.1	12	60		16	2.3	10	0.6	5	8	2.1	A		
50	53A 3+05	Rt.	22.6	12	60		16	2.3	8	0.6	5	8	2.1	A		
50	54A 3+62	Lt.	16.5	12	60		16	2.3	9	0.6	5	8	2.1	A		
50	55A 4+72	Lt.	16.0	12	60		16	2.3	5	0.6	5	8	2.1	A		
50	56A 5+23	Rt.	21.0	18	90		22	3.3	5	0.6	5	16	3.6	A		
50	57A 5+45	Lt.	34.3	18	90		22	3.3	16	0.3	10	8.5	2.9	A		
50	58A 5+86	Rt.	20.5	12	60		16	2.3	8	0.3	7	11.5	3.1	A		
51	59A 8+03	Lt.	11.3	8.4	60		16	2.3	4	0.3	5	7.5	2.1	A		
60A	8+04	Rt.	24.4	14	70		18	2.7	6	0.6	5	7.5	2.1	A		
61A	8+62 to 8+86	Rt.	37.3	20	100		24	3.7	22	0.6	7	11.5	3.1	A		
62A	8+74	Lt.	14.2	12	60		16	2.3	6	0.6	5	7.5	2.1	A		
63A	9+67	Lt.	24.3	18	90		22	3.3	18	0.3	5	7.5	2.1	A		
64A	9+72	Rt.	13.5	12	60		16	2.3	10	0.3	5	7.5	2.1	A		
65A	10+26	Rt.	18.9	14	70		18	2.7	18	0.6	5	7.5	2.1	A		
66A	11+22	Rt.	12.8	12	60		16	2.3	7	0.6	5	6.5	2.0	A		
67A	11+43	Lt.	24.4	18	90		22	3.3	6	0.6	5	6.5	2.0	A		
68A	11+77	Rt.	11.0	12	60		16	2.3	7	0.3	5	7	1.4	A		
69A	12+57	Lt.	8.4	12	60		16	2.3	8	0.3	5	7	1.4	A		
51	685A 12+37 to 14+52	Rt.	270.0	35	485		492		8	0.3	5	7	1.4	A		
	Totals U-1002(1)		1250.0	35	485		492		8	0.3	5	7	1.4	A		
	COUNTY LINE ST.															
52	70A 13+79	Lt.	9.4	12	60		16	2.3	9	0.3	5	8	1.6	A		
71A	14+47	Lt.	9.4	12	60		16	2.3	8	0.3	5	8	1.6	A		
72A	14+87	Rt.	4.4	12	60		16	2.3	4	0.3	5	8	1.6	A		
73A	15+35	Rt.	7.4	18	90		22	3.3	4	0.3	5	8	1.6	A		
52	74A 15+52	Lt.	4.2	12	60		16	2.3	4	0.3	5	8	1.6	A		
53	75A 18+40	Rt.	15.6	12	60		16	2.3	4	0.3	5	8	1.6	A		
53	76A 19+36	Rt.	8.0	12	60		16	2.3	4	0.3	5	8	1.6	A		
53	77A 21+62	Lt.	15.8	12	60		16	2.3	4	0.3	5	8	1.6	A		
54	78A 22+09	Rt.	16.2	12	60		16	2.3	4	0.3	5	8	1.6	A		
54	79A 22+76	Lt.	13.0	12	60		16	2.3	4	0.3	5	8	1.6	A		
54	80A 24+68	Lt.	12.5	12	60		16	2.								

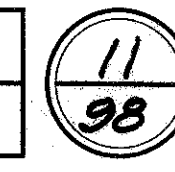
SIDEWALKS "S"

SHEET NO.	REF. NO.	STATION	SIDE	E-8 SIDEWALK REMOVAL SQ. FT.		I-13 CONCRETE SIDEWALK SQ. FT.	STATION	SIDE	E-8 SIDEWALK REMOVAL SQ. FT.		I-13 CONCRETE SIDEWALK SQ. FT.	STATION	SIDE	E-8 SIDEWALK REMOVAL SQ. FT.		I-13 CONCRETE SIDEWALK SQ. FT.
				FROM	TO				FROM	TO				FROM	TO	
23		U-657 (1) LYTLE STREET - EAST OF MIDBLOCK														
	23	624+18	Lt.	625+00	Lt.	410										
	23	624+18	Rt.	625+00	Rt.	410										
	24	625+00	Lt.	625+15	Lt.	10										
	24	625+15	Rt.	625+25	Rt.	28										
	24	625+25	Lt.	625+35	Lt.	15										
	24	625+35	Rt.	625+45	Rt.	10										
	24	625+45	Lt.	626+14	Lt.	10										
	24	626+14	Rt.	626+56	Rt.	35										
	24	626+56	Lt.	627+17	Lt.	28										
	24	627+17	Rt.	627+60	Rt.	20										
	24	627+60	Lt.	627+60	Lt.	25										
	24	627+60	Rt.	627+76	Rt.	24										
	24	627+76	Lt.	628+10	Lt.	15										
	24	628+10	Rt.	628+19	Rt.	21										
	24	628+19	Lt.	629+04	Lt.	18										
	24	629+04	Rt.	629+04	Rt.	1432										
	24	629+04	Lt.	630+00	Lt.	1616										
	24	630+00	Rt.	631+00	Rt.	411										
	24	631+00	Lt.	631+00	Lt.	416										
	24	631+00	Rt.	631+10	Rt.	5										
	24	631+10	Lt.	631+32	Lt.	52										
	24	631+32	Rt.	631+45	Rt.	7										
	24	631+45	Lt.	631+80	Lt.	26										
	24	631+80	Rt.	631+90	Rt.	19										
	24	631+90	Lt.	631+93	Lt.	27										
	24	631+93	Rt.	632+10	Rt.	19										
	24	632+10	Lt.	632+50	Lt.	47										
	24	632+50	Rt.	632+50	Rt.	27										
	24	632+50	Lt.	633+15	Lt.	14										
	24	633+15	Rt.	633+35	Rt.	15										
	24	633+35	Lt.	633+83	Lt.	57										
	24	633+83	Rt.	633+86	Rt.	41										
	24	633+86	Lt.	633+99	Lt.	14										
	24	633+99	Rt.	634+50	Rt.	21										
	24	634+50	Lt.	634+59	Lt.	15										
	24	634+59	Rt.	635+19	Rt.	14										
	24	635+19	Lt.	635+81	Lt.	14										
	24	635+81	Rt.	635+88	Rt.	14										
	24	635+88	Lt.	636+11	Lt.	9										
	24	636+11	Rt.	636+11	Rt.	2153										
	24	636+11	Lt.	636+38	Lt.	2691										
	24	636+38	Rt.	640+44	Rt.	1183										
	24	640+44	Lt.	641+41	Lt.	1572										
	24	641+41	Rt.	641+41	Rt.	19										
	24	641+41	Lt.	641+41	Lt.	23										
	24	641+41	Rt.	641+41	Rt.	46										
	24	641+41	Lt.	641+56	Lt.	13										
	24	641+56	Rt.	641+77	Rt.	23										
	24	641+77	Lt.	641+92	Lt.	16										
	24	641+92	Rt.	641+92	Rt.	21										
	24	641+92	Lt.	641+92	Lt.	23										
	24	641+92	Rt.	641+92	Rt.	21										
	24	641+92	Lt.	641+92	Lt.	12										
	24	641+92	Rt.	641+92	Rt.	51										
	24	641+92	Lt.	641+92	Lt.	24										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+92	Lt.	10										
	24	641+92	Rt.	641+92	Rt.	10										
	24	641+92	Lt.	641+9												

SIDE APPROACHES "A" (Continued)

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-1168(12.38)(2.62)
 HAN-12-27.54 SEN-12(000)(0.68)
 WOOD COUNTY SEN-18(1.45)

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-667(1) U-646(2) U-646(1) U-1002(1)	POST WAR



SHEET No.	REF. No.	STATION	SIDE	E-8 REMOVAL AND DISPOSAL OF EXIST. PAVEMENT Sq. Yds.	T-70 6" CONCRETE PAVEMENT Sq. Yds.	"D" WIDTH OF APPROACH AT WALK LIN. FT.	SIDEWALK DEDUCTION Sq. FT.	SIDEWALK REMOVAL DEDUCTION Sq. FT.	"G" CURB DEDUCTION LIN. FT.	SOD DEDUCTION Sq. Yds.	SEEDING DEDUCTION Sq. Yds.	I-17 Cu. Yds.	"L" LIN. FT.	"W" WIDTH BACK OF WALK LIN. FT.	E-1 EXCAVATION Cu. Yds.	TYPE OF DRIVE	I-12 TYPE 4-A CONCRETE CURB 4" LIN. FT.	I-12 TYPE 6 CONCRETE CURB 6" LIN. FT.	REMARKS
CODE 6706																			
56	92A	36+55	Lt.	37.5	27.5	23	92		27	9.2	12.0		5	7.5	5.5	A			
	93A	37+01	Lt.	2.2	24.9	12	48		16	5.8	4.4		5	8	2.5	A			
	94A	37+09	Rt.	19.4	15.0	12	48		16	5.9	4.2		5	7.5	2.4	A			
	95A	37+83	Lt.		10.4	12	48		16	4.4	4.4	0.3			1.7	A			
	96A	38+03	Rt.	31.4	17.5	17.5			26.5	12.6	9.2	0.4			2.7	B			
56	97A	39+36	Rt.	27.4	16.8	13.5			22.5	9.0	6.0	0.4			2.7	B	23		
57	98A	40+02	Rt.	35.4	21.8	13.5	54		22.5	8.8	7.0		5	12.5	3.3	B			
	99A	41+88	Lt.	34.5	20.0	17.5						0.4			2.3	B	31		
	100A	41+94	Rt.	11.0	10.4	12	48		16	5.4	4.4	0.2			1.7	A			
	101A	42+65	Lt.		16.1	11	44		20		15.6	0.2			2.2	B			
	102A	42+93	Rt.		8.8	12	48		16		8.3	0.2			1.4	A			
	103A	43+49	Lt.		16.4	11	44		20		11.5	0.2			1.7	B			
	104A	45+15	Lt.	29.5	21.2	11	44		20		16.3		5	8	2.1	B			
57	105A	45+71	Lt.	24.7	21.4	11	44		20		16.5		5	8.5	3.0	B			
58	106A	46+60	Lt.	27.0	25.2	18	72		27		20.1	0.4			2.5	B	28		
	107A	46+69	Rt.	39.5	37.0	18	72		27		36.5	0.4			5.6	B	41		
	108A	50+87	Rt.	4.2	19.3	11	44		20		14.0	0.2			2.5	B			
	109A	51+65	Lt.	48.6	36.7	17.5	70	66	26.5		35.5	0.4			6.0	B	40		
58	110A	51+65	Rt.	49.5	39.6	17.5	70	66	26.5		38.5	0.4			6.8	B	40		
	111A	52+45	Lt.		24.1	11	44		20		19.2				3.2	B			
	112A	53+26	Lt.		24.1	11	44		20		19.2				3.2	B			
	139A	54+07	Lt.	45.2	24.4	25			34		14.0	2.0			4.0	B			
Totals to Summary				Code	478.6							6.1					203		
Totals to Recap				6706	467.0		978	132	459.5	61.1	316.8				69.5				
CODE 6708																			
59	113A	55+16	Rt.		21.5	17	68		26	14	9.0				1.8	B			
	114A	55+91	Lt.		8.8	12	48		16	3.9	4.4	0.2			1.5	A			
	115A	56+07	Rt.		15.2	11	44		20	9.1	4.4	0.5			1.8	B			
	116A	56+58	Rt.	7.0	15.2	11	44	32	20	9.1	4.4				0.6	B			
	117A	57+23	Lt.		8.8	12	48		16	3.9	5.5	0.2			1.5	A			
59	118A	57+47	Lt.		8.8	12	48		16	3.9	5.5	0.2			1.5	A			
60	119A	58+02	Rt.		26.3	15	60		24	19.7	7.9	0.4			2.3	B			
	120A	59+17	Rt.		26.3	15	60		24	19.7	7.9	0.4			2.4	B			
	121A	59+42	Lt.		8.8	12	48		16		14.3	0.4			1.5	A			
	122A	60+53	Rt.	2.2	24.6	11	44		20	15.8	4.9		5	7	2.6	B			
	123A	61+39	Rt.		34.4	21	84		30	22.5	8.4	0.2	5	8	3.7	B			
	124A	62+09	Rt.		20.7	11	44		20	15.8	4.9	0.2			1.9	B			
60	125A	63+70	Rt.		20.7	11	44		20	15.8	4.9	0.3			1.9	B			
61	126A	64+94	Rt.		20.9	11	44		20	15.8	4.9	0.3			1.9	B			
	127A	65+12	Lt.		8.8	12	48		16		14.3	0.3			1.5	A			
	128A	65+51	Rt.		20.7	11	44		20	15.8	4.9	0.3			2.0	B			
	129A	65+97	Lt.		8.8	12	48		16		14.3	0.3			1.5	A			
	130A	66+04	Rt.		26.3	15	60		24	19.7	7.9	0.3			2.3	B			
	131A	66+21	Lt.		8.8	12	48		16	3.9	5.5	0.3			1.5	A			
	132A	67+76	Lt.		8.8	12	48		16	3.9	5.5	0.3			1.5	A			
	133A	67+88 to 69+25	Rt.	54.3	166.2	32	520		59		147.0				27.7	B	42		
	134A	69+31	Rt.		13.3	12			17		10.0	0.3			2.2	B			
	135A	68+62	Lt.		29.4	40	160		44	7.0	35.0	1.0			4.9	A			
61	136A	69+12	Lt.		27.7	36	144		40	6.7	32.0	1.0			4.6	A			
62	137A	71+97	Rt.		15.9	13	52		22		13.0	0.5			2.7	B			
62	138A	70+50	Lt.								9.0	1.5							
61	140A	67+58	Rt.		60.0											B			
Totals to Summary				Code	552.2	655.7						9.4					42		
Totals to Recap				6708			1900	32	641	226.0	389.7				79.3				
62	139A	70+50	Lt.																
				* - Drop Curb for 16 Lin. Ft.															

SIDEWALKS "S" (Continued)

SHEET No.	REF. No.	STATION		SIDE	E-8 SIDEWALK REMOVAL Sq. FT.	I-13 CONCRETE SIDEWALK	I-13 CONCRETE STEPS		I-12 TYPE 6 CONCRETE CURB LIN. FT.	S-24 REMOVAL OF STEPS (UNIT) EACH
		FROM	TO				No.	WIDTH LIN. FT.		
Sub Totals from Preceding Sheet					27,374	24,871		219.0	62	22
56	164-S	34+20		Rt.	28	14				
	165-S	34+56		Rt.	28	14			12	
	166-S	34+72		Lt.	28	14				
	167-S	35+35		Lt.	28	16				
	168-S	36+29		Lt.	44	18				
		34+00	35+577	Rt.	632	632				
		34+00	36+50	Lt.	1250	1000				
56		36+32	36+50	Rt.	81	72				
Totals to Summary				Code			219.0	74	22	
Totals to Recap				7221	29,493	26,951				
CODE 6706										
56	169-S	37+42		Rt.	22	23				
	170-S	38+45		Rt.	24	12				
	171-S	38+88		Rt.	24	12				
		36+50	37+88	Lt.	690	552				
		36+50	37+95	Rt.	653	580				
		38+11.5	39+30	Rt.	474	474				
56		39+425	40+00	Rt.	230	230				
57		40+00	40+90	Rt.	360	360				
	172-S	40+31		Rt.	33	11				
		41+48	43+91.40	Rt.	974	974				
		41+97	43+91.40	Lt.	974	974				
	173-S	42+31		Lt.	29	17				
	174-S	43+67		Lt.	29	23				
		44+65.40	46+00	Rt.	538	538				
57		44+65.40	46+00	Lt.	538	538				
58		46+00	48+82	Lt.	1128	1128				
		46+00	48+67	Rt.	1078	1078				
	175-S	48+77		Lt.	0				1	
	176-S	48+77		Rt.	0		3	5	15	1
		49+65.55	52+00	Rt.	1172	939				
58		49+58	52+00	Lt.	1211	968				
59		52+00	54+40.5	Lt.	848	848				
		52+00	53+70.45	Rt.	682	682				
	177-S	52+62		Lt.	32	19				
	178-S	52+93		Lt.	78	42				
59	179-S	53+43		Lt.	30	50				
Totals to Summary				Code			15		2	

CURB AND PIPE UNDERDRAINS

EARTHWORK

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	POST WAR

HANCOCK COUNTY SENECA COUNTY
HAN - 23-0.00 SEN - 23(11.68)(12.38)(12.62)
HAN - 12-27.54 SEN - 12(10.00)(0.68)
WOOD COUNTY SEN - 18(1.45)
WOO - 23-0.00

SHEET No.	STATION		W-D-V	E-8 REMOVAL OF EXIST. CURB LIN. FT.	I-4 6" PIPE UNDER- DRAIN LIN. FT.	I-4 8" PIPE UNDER- DRAIN LIN. FT.	I-12 TYPE 4-A (MOD.) CONCRETE CURB 6" LIN. FT.	I-12 TYPE 4-A (MOD.) CONCRETE CURB 8" LIN. FT.
	FROM	TO						
U-657(1) LYTLE ST. EAST OF MIDDLEBLOCK								
23	G24+55	G25+00	Rt	45	45		45	
23	G24+55	G25+00	Lt	45	45		45	
24	G25+00	G29+03.85	Rt	407	399		399	
	G25+00	G29+03.85	Lt	417	399		399	
	G29+03.15	G31+00	Rt	119	112		112	
24	G29+04	G31+00	Lt	111	106		106	
25	G31+00	G36+38.15	Rt	584	533		533	
25	G31+00	G36+38.15	Lt	581	533		533	
26	G37+48.15	G40+43.86	Rt	324	289		289	
26	G37+48.15	G41+41.07	Lt	423	388		388	
Totals	to Recap			3056	2849		2849	
Totals	to Summary			U-657(1)				
U-646(2) LYTLE ST. WEST OF MIDDLEBLOCK								
33	H55+02.3	H58+00	Rt		237	50	285	
33	H55+02.3	H58+00	Lt		285		285	
34	H58+00	H64+00	Rt		585		585	
34	H58+00	H64+00	Lt		585		585	
35	H64+00	H70+00	Rt		591		591	
35	H64+00	H70+00	Lt		591		591	
36	H70+00	H76+00	Rt		594		594	
36	H70+00	H76+00	Lt		594		594	
37	H76+00	H79+74.80	Rt		369		369	
37	H76+00	H79+74.80	Lt		369		369	
37	0+42	2+00	Rt		155		155	
37	0+42	2+00	Lt		155		155	
38	2+00	G+15.75	Rt		407		407	
	2+00	G+15.75	Lt		407		407	
	7+00.05	8+00	Rt		100		100	
	7+00.05	8+00	Lt		100		100	
39	8+00	13+15.47	Rt		515.5	503.5	503.5	
39	8+00	13+15.47	Lt		515.5	503.5	503.5	
40	H+01.47	H+20.26	Lt		123	19	19	
40	H+01.47	H+18.47	Rt		123	117	117	
Totals	to Recap			1477	7267	50	7315	
Totals	to Summary			U-646(2)				
U-646(1) SOUTH ST. EAST OF MIDDLEBLOCK								
49	3+33.30	4+00	Rt		66.7		66.7	
49	3+33.30	4+00	Lt		66.7		66.7	
48	4+00	5+76.87	Rt		217	176.9	176.9	
48	4+00	4+45	Lt		62	45	45	
48	4+45	5+74	Lt		129	129	135	
Totals	to Recap			542.7	484.3		358.3	135
Totals	to Summary			U-646(1)				
U-1002(1) SOUTH ST. WEST OF MIDDLEBLOCK								
49	0+86.65	2+00	Rt		126	113.5	113.5	
49	0+86.65	2+00	Lt		130	113.5	113.5	
50	2+00	G+58.4	Rt		436	443	446	
50	2+00	G+58.4	Lt		493	443	446	
50	7+42.4	8+00	Rt		69	57.5	57.5	
50	7+42.4	8+00	Lt		56.5	52.5	51.5	
51	8+00	12+65.49	Rt		440.5	461.5	460.5	
51	8+00	13+00.92	Lt		455	496	495	
COUNTY LINE STREET								
52	H+40.24	H+00	Rt		59	160	160	
52	H+40.24	H+00	Lt		47	160	160	
53	H+00	H+50	Rt		50	50	50	
	H+00	H+37	Lt			37		
	H+43	20+05	Rt		262	252	252	
53	H+43	20+05	Lt		262	252	252	

SHEET No.	STATION		W-D-V	E-8 REMOVAL OF EXIST. CURB LIN. FT.	I-4 6" PIPE UNDER- DRAIN LIN. FT.	I-12 TYPE 4-A (MOD.) CONCRETE CURB 6" LIN. FT.	I-12 TYPE 4-A (MOD.) CONCRETE CURB 8" LIN. FT.
	FROM	TO					
COUNTY LINE STREET							
53	20+84	22+00	Rt		116	116	116
53	20+84	22+00	Lt		116	116	116
54	22+00	23+28	Rt		128	123	123
	22+00	23+28	Lt		128	123	123
	24+38	26+82.5	Rt		244.5	239.5	239.5
	24+38	26+82.5	Lt		244.5	239.5	239.5
	27+56.8	28+00	Rt		432	432	432
54	27+56.8	28+00	Lt		432	432	432
55	28+00	31+40	Rt		351	335	335
	28+00	31+40	Lt		351	335	335
	32+20	34+00	Rt		195	180	180
55	32+20	34+00	Lt		180	180	180
56	34+00	35+57.7	Rt		157.7	157.7	157.7
56	34+00	36+50	Lt		250	245	245
56	36+32	36+50	Rt		18	18	18
Totals	to Recap			5452.1	5595.6		5588.6
Totals	to Summary			Code 7221			
56	36+50	38+22	Lt		176	167	167
56	36+50	40+00	Rt		387	345	345
57	40+00	40+90	Rt		91	90	90
	41+50	41+74	Lt		46		19
	42+02.5	43+91.40	Lt		214.5	175	184
	41+48	43+91.40	Rt		2435	238.5	238.5
	44+68.40	46+00	Rt		135	130	130
57	44+68.40	46+00	Lt		135	130	130
58	46+00	48+82	Lt		301	277	277
	46+00	48+67	Rt		286	262	262
	49+56.3	52+00	Lt		286	237	237
58	49+56.35	52+00	Rt		278	232	232
59	52+00	54+40.5	Lt		236.3	240	240
59	52+00	53+70.45	Rt		170.5	168	168
Totals	to Recap			29858	2691.5		2719.5
Totals	to Summary			Code 6706			
59	54+41.45	58+00	Rt		345.5		345.5
59	54+40.5	58+00	Lt		349.5		349.5
60	58+00	63+75	Lt		595		570
60	58+00	64+00	Rt		595		595
61	64+49	70+00	Lt		588		539
	64+00	67+05	Rt		300		300
61	67+85.4	70+00	Rt		214.6		214.6
62	70+00	70+13.53	Rt		13.5		13.5
62	70+00	70+13.53	Lt		13.5		13.5
Totals	to Recap				3014.6		2940.6
Totals	to Summary			Code 6708			

SHEET No.	STATION		EXCAVATION CU. YDS.	EMBANK- MENT CU. YDS.	EMBANK- MENT + 20% CU. YDS.
	FROM	TO			
U-657(1) LYTLE ST. EAST OF MIDDLEBLOCK					
22	603+12.62	604+80	751	144	173
24	624+18	631+00	1764	23	28
25	631+00	637+00	1301	30	36
26	637+00	641+41.07	1102	24	29
Totals	U-657(1) to Summary		4918	221	266
U-646(2) LYTLE ST. WEST OF MIDDLEBLOCK					
33	H53+21.53	H58+00	749	307	368
34	H58+00	H64+00	1917	151	181
35	H64+00	H70+00	1299	346	415
36	H70+00	H76+00	1503	124	149
37	H76+00	2+00	1966	120	144
38	2+00	8+00	1842	59	71
39	8+00	14+00	1718	38	46
40	H+00	H+18.47	258	10	12
Totals	U-646(2) to Summary		11252	1155	1386
U-646(1) SOUTH ST. EAST OF MIDDLEBLOCK					
48	3+33.30	5+76.87	599	0	0
Totals	U-646(1) to Summary		599	0	0
U-1002(1) SOUTH ST. WEST OF MIDDLEBLOCK					
50	0+86.65	8+00	876	361	433
51	8+00	13+50	883	568	681
COUNTY LINE STREET					
52,53	13+50	17+09.04	1104	17	20
53	17+19.74	22+00	549	230	276
54	22+00	28+00	687	315	378
55,56	28+00	36+50	922	489	587
Totals	Code 7221 to Recap		5021*	1980	2375
56,57	36+50	46+00	704	62	74
58,59	46+00	54+40.5	971	50	60
Totals	Code 6706 to Recap		1675*	112	134
59,60	54+40.5	64+00	2591	56	67
61,62	64+00	74+00	2781	209	251
63	70+50	75+00	306	104	125
Totals	Code 6708 to Recap		5678*	360	443

* E-1, Excavation Only to Recap.

SEEDING SODDING

SHEET No.	STATION		L-9 SEEDING AND PROTECTING TYPE A Sq. Yds.	SHEET No.	STATION		L-10 SODDING Sq. Yds.
	FROM	TO			FROM	TO	
U-657(1) LYTLE ST. EAST OF MIDDLEBLOCK							
27	603+12.62	604+80	1234	22	603+77	604+80	Lt 17.2
28	624+18	625+00	486	23	624+18	625+00	Rt 13.7
29	628+00	632+00	543	23	624+18	625+00	Lt 13.7
30	632+00	637+00	453	24	625+00	629+03.85	Rt 67.2
31	637+00	641+41.07	737	24	625+00	629+00	Lt 66.7
24,25	629+03.15	636+38.15	Rt 108.3	24,25	629+03.15	636+38.15	Lt 108.3
24,25	629+03.15	636+38.15	Lt 108.0	24,25	629+03.15	636+38.15	Rt 108.0
26	637+48.15	641+41.07	Rt 49.3	26	637+48.15	641+41.07	Lt 65.4
Totals	U-657(1) to Summary		3453	Totals	U-657(1) to Recap		509.5
U-646(2) LYTLE ST. WEST OF MIDDLEBLOCK							
41	H53+21.53	H58+00	1032				

STORM SEWERS "D"

HANCOCK COUNTY
 HAN-23-000
 HAN-12-27.54
 WOOD COUNTY
 WOO-23-0.00

SENECA COUNTY
 SEN-23(11.68)(12.38)(12.62)
 SEN-12(0.00)(0.68)
 SEN-18-(1.45)

FED. RD. DIVISION	STATE	FEDERAL PROJECT	AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)		POST WAR

15
98

SHEET No.	REF. No.	SIDE	STATION		I-2 PIPE FOR STORM SEWERS LIN. FT.							I-2 PIPE FOR STORM SEWERS UNDER PAVEMENT LIN. FT.						I-8 CATCH BASINS EACH					I-8 INLETS & MANHOLES ADJUSTED TO GRADE EACH			I-16 STRUCTURES ABANDONED EACH			E-8 REMOVAL EXIST. PAVT. SQ.YDS.	B-70 6" CONC. PAVT FOR PAVEMENT REPLACEMENT SQ.YDS.	I-5 PIPE SPEC. 12" 45" BEND EACH	I-10 TYPE B RIPRAP SQ.YDS.	I-8 STD. NO. MANHOLE CASTINGS HEAVY EACH													
			FROM	TO	12"	21"	36"	60"	18"	24"	6"	12"	15"	18"	21"	36"	48"	60"	3	3-A MOD.	3-A MOD.	6	6	1	1 MOD.	3	INLET	M. H.						INLET	C. B.	M. H.										
			Totals Carried Forward - Code 6706		304							633 281 243						U-1002 (1)																												
58,89	116-D	Both	52+00									40																																		
59	117-D	Both	52+00	54+40.5														238																												
59	118-D	Rt.	53+97	54+40.5	27													21					2																							
			Estimated Quantity																																											
			Estimated Quantity		200																																									
			Totals to Recap									200						694 281 238 243					2																							
			Totals to Summary		27 304							200						694 281 238 243					2																							
59,90	119-D	Both	54+40.5	54+55	10							40						2																												
59	120-D	Lt.	54+40.5	57+05								252						7					2																							
59,91	121-D	Both	57+05									40						2																												
60	122-D	Rt.	59+08																																											
60,93	123-D	Both	62+60									44						2																												
60	124-D	Lt.	62+60	64+00	123							15																																		
61	125-D	Lt.	64+00	64+97	55							40																																		
61,94	126-D	Both	64+78	64+97								45						1					1																							
61	127-D	Lt.	64+97	67+30	228																																									
	128-D	Both	66+98	67+70								93						2					1																							
61	129-D	Lt.	67+30	70+00	268																																									
62	130-D	Lt.	70+00	70+28	26																																									
	131-D	Both	70+28	70+51	20							43						2					1																							
	133-D	Rt.	71+90									4						1																												
62	132-D	Both	70+46	71+29																																										
			U.S. 23																																											
63	134-D	Lt.	70+28	72+75	225																		1																							
63,98	135-D	Both	72+72	72+75	21							82						3																												
63	136-D	Lt.	72+75	75+00	223																																									
67	137-D	Lt.	75+00	76+14	502																		1																							
			Estimated Quantity																																											
			Estimated Quantity		150																																									
			Totals to Recap									150						693					7																							
			Totals to Summary		229 294							228 950						150					693			7																				

WALL & RAIL SUMMARY

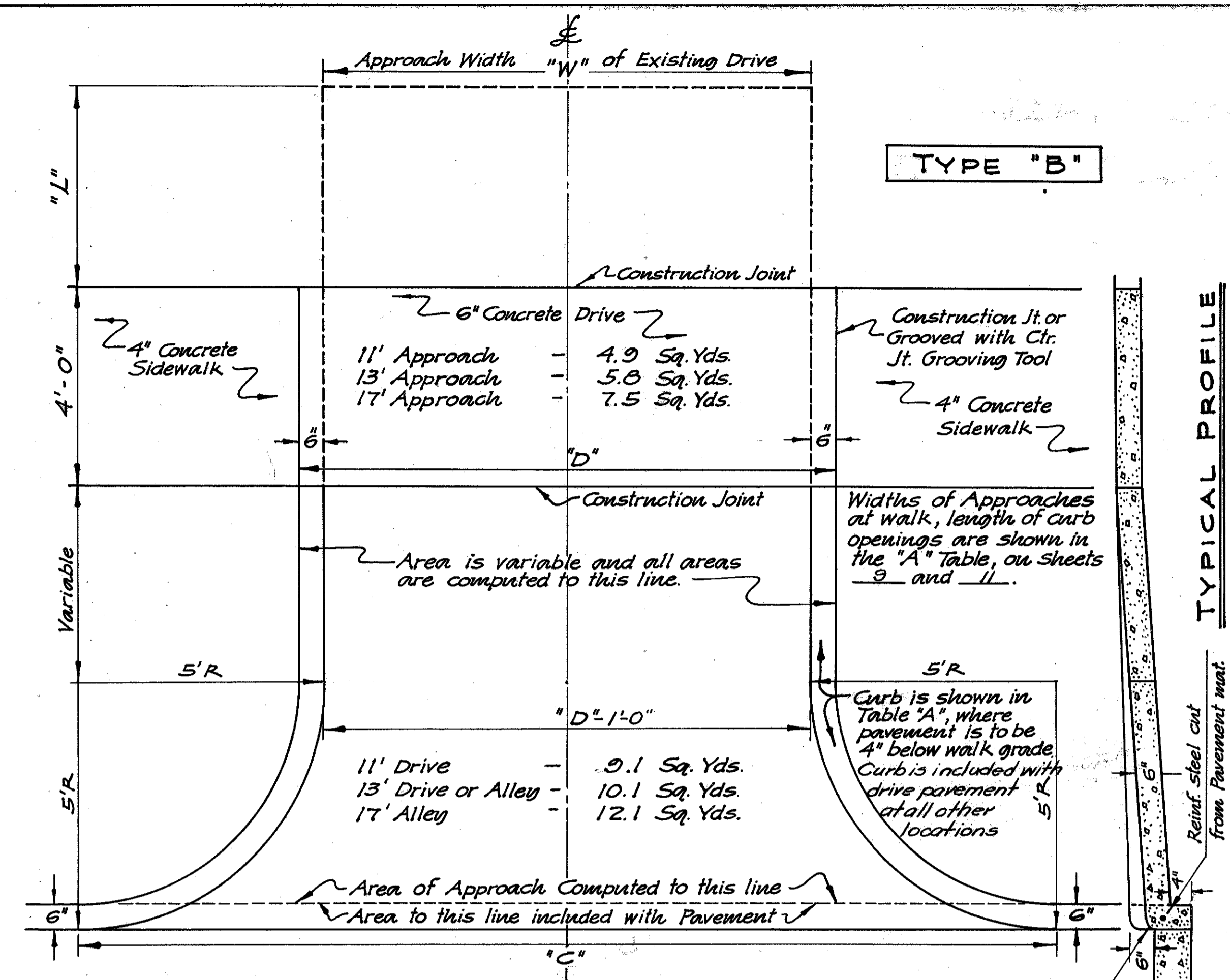
SHEET No.	STATION		I-3 4" PIPE FOR RETAINING WALL DRAINAGE LIN. FT.	E-2 EXCAVATION FOR STRUCTURES CU. YDS.	S-1 CONC. FOR STRUCTURES CLASS "C" CU. YDS.	S-4 REINFORCING STEEL POUNDS	I-15 GUARD RAIL LIN. FT.
	FROM	TO					
19	1+10	1+31	130	41	22.6	1188	
Totals to Summary			Code 7221	130	41	22.6	1188
	62+00	63+62.5					162.5
Totals to Summary			Code 6708				162.5

MONUMENT BOXES "M" ADJUSTED TO GRADE

SHEET No.	STATION	MONUMENT BOX ADJUSTED TO GRADE (I-8) EACH
57	49+28.40	1
58	57+07.45	1
TOTALS TO SUMMARY		2
U-1002(1) CODE 6708		

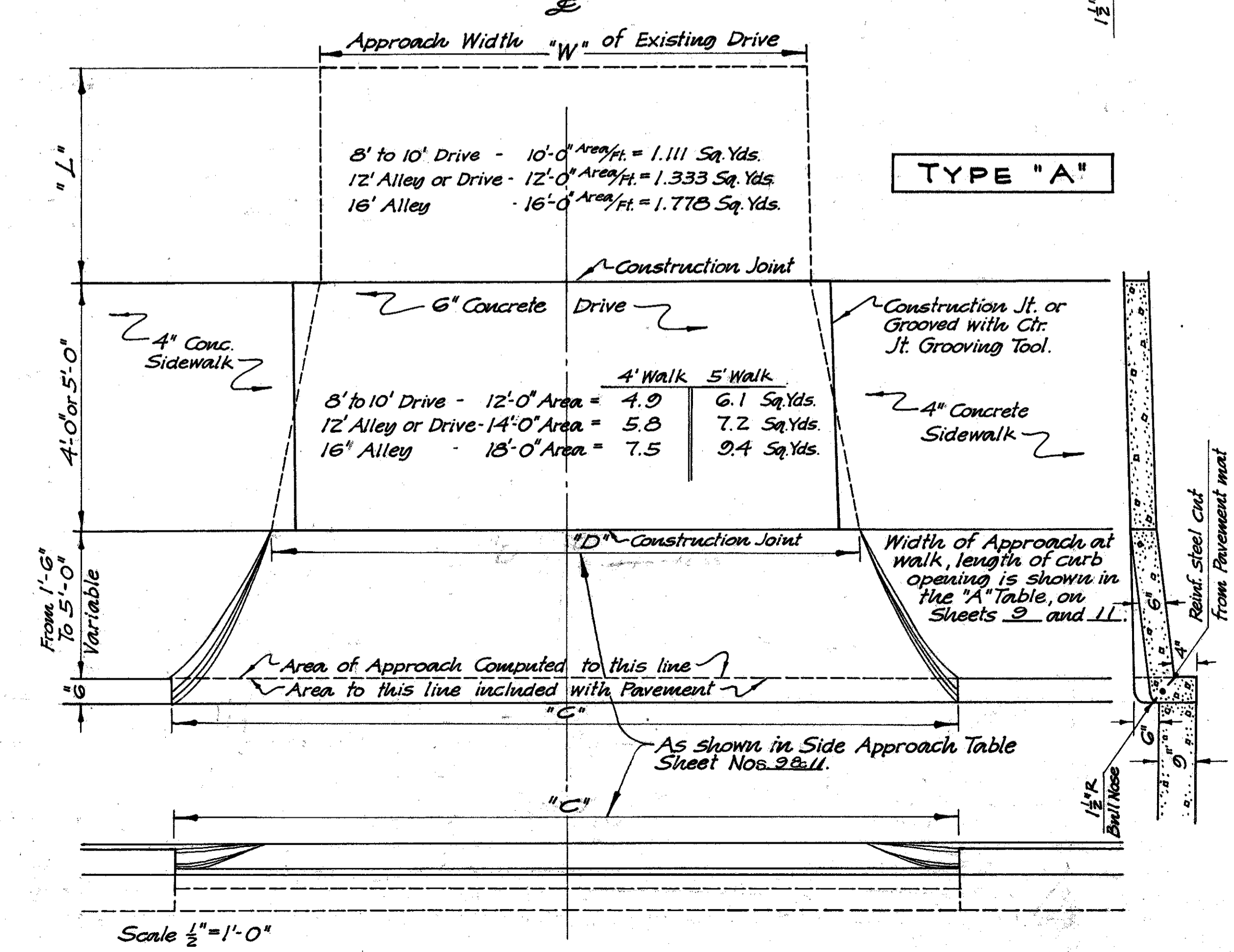
RECAP TABLE

CODE	FED. NO.	SHEET No.	TABLE	E-6			I-4 PIPE UNDERDRAIN LIN. FT.		I-12		I-13	L-9	L-10	E-1	
				REMOVAL & DISPOSAL OF EXISTING PAVEMENT SQ. YDS.	REMOVAL & DISPOSAL OF EXISTING CURB LIN. FT.	REMOVAL & DISPOSAL OF EXISTING SIDEWALK SQ. FT.	6"		8"	TYPE 4-A 6" CURB MODIFIED LIN. FT.	TYPE 4-A 8" CURB MODIFIED LIN. FT.	4" CONCRETE SIDEWALKS SQ. FT.	SEEDING AND PROTECTING TYPE A SQ. YDS.	SODDING SQ. YDS.	EXCAVATION CU. YDS.
U-657(1)	9	A		75.9											
	8	P		623.2	877.0	330.4	1381.5								
	10	S				12,873									
	12	Curb			3056.0		2849		2849						
	12	Sodding											509.5		
Totals to Summary				699.1	3933.0	16,177	4230.5		3696.8		17,708.7		449.6		
U-646(2)	9	A		40.7											
	8	P		411.5	510.6	1927.0	717.5								
	10	S				9030.0									
	12	Curb			1477.0		7267.0	50	7315.0						
	12	Sodding											429.3		
Totals to Summary				452.2	1987.6	10,957	7984.5	292	8191.9		13,824.7		398.1		
U-646(1)	9	A		268.0											
	8	P		4.8	52.0	353.8	31.4								
	10	S				4622.0									
	12	Curb			542.7		484.9		355.3	135.0					
	12	Excavation													
Totals to Summary				272.8	594.7	4975.8	515.7		230.3	150.0	2349.8				
U-1002(1)	9	A		980.0		-817.0									
	8	P		1977.7	1774.3	7418.1	1534.7								
	11	S				29,493.0									
	12	Curb			5452.1		5595.6		5588.6						
	12	Sodding											1449.4		
	12	Excavation												5021.0	
	12	Seeding											5052		
Totals to Summary				2957.7	7226.4	36,094.1	7130.3		6268.7		28,627.6	4693	1323.3	5101.5	
U-6706	11	A		467.0		-132.0									
	8	P		860.5	735.9	2413.0	576.4								
	11	S				11,851.0									
	12	Curb			2985.8		2691.5		2719.5						
	12	Sodding											346.1		
	12	Excavation												1675.0	
	12	Seeding											4165		
Totals to Summary				1389.5	3721.7	14,132.0	3267.9		2849.7	11,767.0	3848.2	298.0	1744.5		
U-6708	11	A				-32									
	8	P				274	769.9								
	11	S				3109									
	12	Curb					3014.6		2940.6						
	12	Sodding											1151.7		
	12	Seeding												5678.0	
Totals to Summary						3351	3784.5		3489.2	8513.0	3606.3	949.7	5757.3		



DETAILS OF DRIVE AND ALLEY APPROACHES

Scale 1/2" = 1'-0"



TREE & STUMP SCHEDULE

U-1002 (1)

COUNTY LINE STREET

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	POST WAR

17
98

HANCOCK COUNTY SENeca COUNTY
HAN-23-000 SEN-23-1198(2.38)(2.62)
HAN-12-27.54 SEN-12-(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-000

STA.	DESCRIPTION	DIST.	DISPOSAL	STA.	DESCRIPTION	DIST.	DISPOSAL	STA.	DESCRIPTION	DIST.	DISPOSAL	STA.	DESCRIPTION	DIST.	DISPOSAL	STA.	DESCRIPTION	DIST.	DISPOSAL
13+87	HEDGE	27LT	E-1 REMOVE	26+36	12" MAPLE	18RT	E-9 REMOVE	39+89	20" MAPLE	24RT	E-9 REMOVE	35+74	36" MAPLE	33RT	E-9 REMOVE	70+25	12" MAPLE	26RT	NO WORK
+97	24" MAPLE	18LT	E-9 REMOVE	+61	24" MAPLE	23LT	E-9 REMOVE	40+21	18" ELM	20RT	E-9 REMOVE		CODE 7221			+30	BRUSH	29LT	NO WORK
-14+16	18" MAPLE	16LT	E-9 REMOVE	+73	10" MAPLE	18RT	E-1 REMOVE	+45	14" ELM	20RT	E-9 REMOVE					+51	18" STUMP	23RT	E-9 REMOVE
+50	HEDGE	27RT	E-1 REMOVE	+79	30" MAPLE	23LT	E-9 REMOVE	+85	8" MAPLE	20RT	E-1 REMOVE					71+18	15" BOX ELDER	31RT	NO WORK
+60	24" APPLE	16LT	E-9 REMOVE	27+61	HEDGE	31LT	NO WORK	+89	10" BOX ELDER	19RT	E-1 REMOVE					+35	15" BOX ELDER	31RT	NO WORK
+69	12" MAPLE	20RT	E-9 REMOVE	+63	12" MAPLE	19RT	E-9 REMOVE	41+57	24" BOX ELDER	24RT	E-9 REMOVE					+56	14" MAPLE	31RT	NO WORK
+90	20" MAPLE	18LT	E-9 REMOVE	+87	14" BOX ELDER	20LT	E-9 REMOVE	+77	26" STUMP	24RT	E-9 REMOVE					+76	14" MAPLE	31RT	NO WORK
15+05	20" STUMP	18LT	E-9 REMOVE	27+61	12" BOX ELDER	20LT	E-9 REMOVE	42+05	28" STUMP	24LT	E-9 REMOVE					73+05	36" OAK	26RT	NO WORK
+06	12" MAPLE	20RT	E-9 REMOVE	+15	12" BOX ELDER	20LT	E-9 REMOVE	+13	15" MAPLE	24RT	E-9 REMOVE					73+07	HEDGE	29RT	NO WORK
+30	18" WALNUT	18LT	E-9 REMOVE	+32	28" MAPLE	20RT	E-9 REMOVE	+27	10" MAPLE	24LT	E-1 REMOVE					73+91	6" MAPLE	35RT	NO WORK
+54	26" MAPLE	20RT	E-9 REMOVE	+32	28" MAPLE	21RT	E-9 REMOVE	+46	24" STUMP	24LT	E-9 REMOVE					+64	12" TREE HEAVEN	33RT	NO WORK
+75	18" MAPLE	20RT	E-9 REMOVE	+35	14" BOX ELDER	20LT	E-9 REMOVE	+46	6" MAPLE	23RT	E-1 REMOVE					+79	12" TREE HEAVEN	34RT	NO WORK
+94	18" MAPLE	21RT	E-9 REMOVE	+52	20" MAPLE	21RT	E-9 REMOVE	+73	6" MAPLE	26LT	E-1 REMOVE					+83	10" ELM	39LT	NO WORK
16+15	20" MAPLE	20RT	E-9 REMOVE	+59	26" MAPLE	22LT	E-9 REMOVE	+76	14" MAPLE	23RT	E-9 REMOVE					74+08	14" MAPLE	39LT	NO WORK
+57	18" MAPLE	20RT	E-9 REMOVE	+78	12" MAPLE	21RT	E-9 REMOVE	+91	10" MAPLE	26LT	E-1 REMOVE					+42	12" TREE HEAVEN	33RT	NO WORK
+70	18" MAPLE	28RT	E-9 REMOVE	+97	24" MAPLE	23LT	E-9 REMOVE	43+12	8" MAPLE	25LT	E-1 REMOVE					+65	8" TREE HEAVEN	33RT	NO WORK
17+54	SHRUBS	RT	E-1 REMOVE	29+13	18" MAPLE	23LT	E-9 REMOVE	+14	28" MAPLE	23RT	E-9 REMOVE					+92	14" TREE HEAVEN	31RT	NO WORK
+56	22" MAPLE	44LT	NO WORK	+23	20" MAPLE	20RT	E-9 REMOVE	+43	7" MAPLE	26LT	E-1 REMOVE					75+34	14" MAPLE	35RT	NO WORK
+66	28" COTTONWOOD	47RT	NO WORK	+32	24" MAPLE	22LT	E-9 REMOVE	+49	28" MAPLE	23RT	E-9 REMOVE								
+80	8" MAPLE	21RT	E-1 REMOVE	+66	28" MAPLE	22LT	E-9 REMOVE	+60	15" ELM	23LT	E-9 REMOVE								
+95	14" MAPLE	43LT	NO WORK	30+33	26" MAPLE	22LT	E-9 REMOVE	+84	28" MAPLE	23RT	E-9 REMOVE								
18+25	20" MAPLE	20RT	E-9 REMOVE	+45	8" BOX ELDER	17RT	E-1 REMOVE	99+06	26" MAPLE	34RT	NO WORK								
+34	22" MAPLE	21LT	E-9 REMOVE	+98	8" BOX ELDER	22LT	E-1 REMOVE	+76	15" MAPLE	23LT	E-9 REMOVE								
+44	20" MAPLE	20RT	E-9 REMOVE	+58	10" BOX ELDER	18RT	E-1 REMOVE	+93	15" MAPLE	23LT	E-9 REMOVE								
+73	24" MAPLE	20LT	E-9 REMOVE	31+06	28" MAPLE	21RT	E-9 REMOVE	45+20	14" MAPLE	24LT	E-9 REMOVE								
+87	28" MAPLE	21RT	E-9 REMOVE	+15	20" MAPLE	22LT	E-9 REMOVE	+52	14" MAPLE	24LT	E-9 REMOVE								
19+04	20" WALNUT	20LT	E-9 REMOVE	+45	18" MAPLE	23LT	E-9 REMOVE	+66	16" MAPLE	24LT	E-9 REMOVE								
+06	20" MAPLE	21RT	E-9 REMOVE	35	30" MAPLE	21RT	E-9 REMOVE	+91	28" WALNUT	33RT	NO WORK								
+26	20" MAPLE	21RT	E-9 REMOVE	32+01	8" ELM	18LT	E-1 REMOVE	+93	18" MAPLE	24LT	E-9 REMOVE								
+32	20" WALNUT	20LT	E-9 REMOVE	+26	20" MAPLE	21LT	E-9 REMOVE	46+18	10" ELM	25LT	E-1 REMOVE								
+46	24" MAPLE	21RT	E-9 REMOVE	+35	15" MAPLE	23RT	E-9 REMOVE	+21	3" BOX ELDER	33RT	NO WORK								
+54	2" WALNUT	20LT	E-1 REMOVE	+42	20" MAPLE	21LT	E-9 REMOVE	+41	14" BOX ELDER	25LT	E-9 REMOVE								
+65	15" MAPLE	21RT	E-9 REMOVE	+45	BUSH	15LT	E-1 REMOVE	+83	14" MAPLE	25LT	E-9 REMOVE								
+75	2" MAPLE	19LT	E-1 REMOVE	+56	16" MAPLE	23RT	E-9 REMOVE	+90	14" BOX ELDER	31RT	NO WORK								
20+00	4" MAPLE	19LT	E-1 REMOVE	+74	BUSH	15LT	E-1 REMOVE	47+05	14" MAPLE	25LT	E-9 REMOVE								
+06	16" MAPLE	21RT	E-9 REMOVE	+78	18" MAPLE	23LT	E-9 REMOVE	+19	12" POPLAR	31RT	NO WORK								
+25	18" MAPLE	37LT	NO WORK	+84	6" CATALPA	18LT	E-1 REMOVE	+24	14" MAPLE	25LT	E-9 REMOVE								
20+77	HEDGE	30RT	NO WORK	+95	BUSH	18LT	E-1 REMOVE	+42	14" MAPLE	25LT	E-9 REMOVE								
+87	14" MAPLE	19RT	E-9 REMOVE	33+01	18" MAPLE	23RT	E-9 REMOVE	+42	14" BOX ELDER	31RT	NO WORK								
21+05	18" MAPLE	23LT	E-9 REMOVE	+09	BUSH	18LT	E-1 REMOVE	48+19	26" MAPLE	27LT	NO WORK								
+15	10" MAPLE	20RT	E-1 REMOVE	+23	12" WALNUT	18LT	E-9 REMOVE	+60	26" MAPLE	26LT	NO WORK								
+24	30" MAPLE	22LT	E-9 REMOVE	+23	22" MAPLE	23RT	E-9 REMOVE	49+91	24" MAPLE	25LT	E-9 REMOVE								
+42	22" MAPLE	23LT	E-9 REMOVE	+32	BUSH	17LT	E-1 REMOVE	50+28	24" MAPLE	24LT	E-9 REMOVE								
+43	14" MAPLE	19RT	E-9 REMOVE	+46	26" MAPLE	24RT	E-9 REMOVE	+58	6" WALNUT	33RT	NO WORK								
+71	12" MAPLE	19RT	E-9 REMOVE	+59	10" CATALPA	23RT	E-1 REMOVE	+65	30" MAPLE	23LT	E-9 REMOVE								
+79	30" MAPLE	22LT	E-9 REMOVE	+67	BUSH	17LT	E-1 REMOVE	+79	14" MAPLE	32RT	NO WORK								
+97	26" MAPLE	22LT	E-9 REMOVE	+74	12" CATALPA	17LT	E-9 REMOVE	51+06	12" MAPLE	27LT	NO WORK								
22+00	12" MAPLE	21RT	E-9 REMOVE	+83	BUSH	16LT	E-1 REMOVE	+16	12" ELM	31RT	NO WORK								
+21	30" MAPLE	22LT	E-9 REMOVE	+91	8" HICKORY	17LT	E-1 REMOVE	+31	14" MAPLE	31RT	NO WORK								
+25	24" ELM	21RT	E-9 REMOVE	34+00	BUSH	16LT	E-1 REMOVE	+37	8" MAPLE	27LT	NO WORK								
+38	14" MAPLE	23LT	E-9 REMOVE	+21	BUSH	16LT	E-1 REMOVE	+78	18" MAPLE	33RT	NO WORK								
+51	18" MAPLE	22RT	E-9 REMOVE	+47	26" MAPLE	22LT	E-9 REMOVE	+87	7" ELM	27LT	NO WORK								
+52	28" MAPLE	23LT	E-9 REMOVE	+62	12" MAPLE	23RT	E-9 REMOVE	52+13	20" MAPLE	22LT	E-9 REMOVE								
+68	20" MAPLE	22RT	E-9 REMOVE	+82	24" MAPLE	22LT	E-9 REMOVE	+13	18" MAPLE	32RT	NO WORK								
+98	30" MAPLE	23LT	E-9 REMOVE	35+03	28" MAPLE	24RT	E-9 REMOVE	+37	20" MAPLE	21LT	E-9 REMOVE								
23+02	30" MAPLE	21RT	E-9 REMOVE	36+09	28" MAPLE	22LT	E-9 REMOVE	+60	7" MAPLE	22LT	E-1 REMOVE								
+35	18" MAPLE	22RT	E-9 REMOVE	+29	24" MAPLE	22LT	E-9 REMOVE	+63	26" MAPLE	32RT	NO WORK								
+45	32" MAPLE	22LT	E-9 REMOVE	+30	18" MAPLE	23RT	E-9 REMOVE	+83	26" MAPLE	21LT	E-9 REMOVE								
+51	28" MAPLE	21RT	E-9 REMOVE	+55	18" MAPLE	23RT	E-9 REMOVE	53+00	12" MAPLE	26LT	NO WORK								
24+28	14" BOX ELDER	17RT	E-9 REMOVE	+75	14" ELM	22LT	E-9 REMOVE	+10	20" MAPLE	32RT	NO WORK								
+52	12" BOX ELDER	17RT	E-9 REMOVE	+84	20" MAPLE	23RT	E-9 REMOVE	+32	20" BOX ELDER	26LT	NO WORK								
+55	12" CATALPA	18LT	E-9 REMOVE	37+17	36" MAPLE	23LT	E-9 REMOVE	+33	12" MAPLE	31RT	NO WORK								
24+57	HEDGE	28RT	E-1 REMOVE	+45	14" MAPLE	24RT	E-9 REMOVE	+65	20" BOX ELDER	25LT	E-9 REMOVE								
24+73	3" MAPLE	16RT	E-1 REMOVE	+48	8" MAPLE	23LT	E-1 REMOVE	+70	14" MAPLE	31RT	NO WORK								
25+10	30" MAPLE	21LT	E-9 REMOVE	+65	10" MAPLE	24RT	E-1 REMOVE	54+43	24" MAPLE	21LT	E-9 REMOVE								
25+36	20" MAPLE	21LT	E-9 REMOVE	+69	14" ELM	22LT	E-9 REMOVE	+59	12" MAPLE	24RT	E-9 REMOVE								
+23	HEDGE	31LT	NO WORK	+87	14" ELM	24RT	E-9 REMOVE	+76	24" MAPLE	21LT	E-9 REMOVE								
+69	10" MAPLE	19RT	E-1 REMOVE	37+08	HEDGE	32LT	NO WORK	+82	12" MAPLE	24RT	E-9 REMOVE								
+89	30" MAPLE	23LT	E-9 REMOVE	38+18	24" MAPLE	24RT	E-9 REMOVE	55+06	12" MAPLE	24RT	E-9 REMOVE								
26+01	14" MAPLE	18RT	E-9 REMOVE	+41	26" MAPLE	24RT	E-9 REMOVE	+08	24" MAPLE	21LT	E-9 REMOVE								
+18	30" MAPLE	23LT	E-9 REMOVE	39+22	18" MAPLE	23RT	E-9 REMOVE	+31	12" MAPLE	23RT	E-9 REMOVE								
				+49	20" MAPLE	25RT	E-9 REMOVE	+76	12" MAPLE	23RT	E-9 REMOVE								

SOUTH STREET U-1002(1) CODE 7221

STA.	DESCRIPTION	DIST.	DISPOSAL	STA.	DESCRIPTION	DIST.	DISPOSAL	STA.	DESCRIPTION	DIST.	DISPOSAL
1+68	HEDGE	46RT	NO WORK	73+07	HEDGE	29RT	NO WORK				
1+78	18" MAPLE	22RT	E-9 REMOVE	73+91	6" MAPLE	35RT	NO WORK				
+96	18" MAPLE	22RT	E-9 REMOVE	+64	12" TREE HEAVEN	33RT	NO WORK				
2+30	HEDGE	45RT	NO WORK	+79	12" TREE HEAVEN	34RT	NO WORK				
+41	28" MAPLE	21RT	NO WORK	+83	10" ELM	39LT	NO WORK				
+50	15" ASH	25LT	E-9 REMOVE	74+08	14" MAPLE	39LT	NO WORK				
+69	24" MAPLE	21RT	E-9 REMOVE	+42	12" TREE HEAVEN	33RT	NO WORK				
+85	20" ELM	26LT	E-9 REMOVE	+65	8" TREE HEAVEN	33RT	NO WORK				
+97	24" MAPLE	21RT	E-9 REMOVE	+92	14" TREE HEAVEN	31RT	NO WORK				
3+50	18" MAPLE	21RT	E-9 REMOVE								
+74	22" MAPLE	21RT	E-9 REMOVE								
+84	24" MAPLE	26LT	E-9 REMOVE								
+96	15" MAPLE	21RT	E-9 REMOVE								
4+19	22" MAPLE	21RT	E-9 REMOVE								
+21	22" MAPLE	26LT	E-9 REMOVE								
+49	24" MAPLE	21RT	E-9 REMOVE								
+90	13" MAPLE	25LT	E-9 REMOVE								
5+11	18" MAPLE	26LT	E-9 REMOVE								
+33	18" MAPLE	26LT	E-9 REMOVE								
+38	24" MAPLE	21RT	E-								

TREE & STUMP SCHEDULE

LYTLE STREET

U-646(2)

U-657(1)

FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-102(1)	POST WAR

HANCOCK COUNTY SENeca COUNTY
 HAN - 23-0.00 SEN-23-(11.68)(2.38)(12.62)
 HAN - 12-27.54 SEN-12-10.00(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

STA.	DESCRIPTION	DIST.	DISPOSAL
1438+10	Hedge	32 Rt.	No Work
1438+15	5" Elm	44 Lt.	No Work
1439+28	6" Elm	43 Lt.	No Work
1440+95	2" Maple	41 Lt.	No Work
1441+06	2" Maple	42 Lt.	No Work
+52	2" Maple	42 Lt.	No Work
+97	2" Maple	42 Lt.	No Work
1442+93	2" Maple	42 Lt.	No Work
1443+86	Hedge	38 Lt.	No Work
1444+85	3" Maple	40 Lt.	No Work
1446+11	3" Maple	39 Lt.	No Work
+78	3" Maple	44 Lt.	No Work
1448+01	3" Maple	45 Lt.	No Work
1454+55	12" Pear	26 Rt.	No Work
+57	15" Apple	29 Rt.	No Work
+63	10" Tree Heaven	43 Rt.	No Work
+96	8" Buckeye	30 Rt.	No Work
1452+12	Bush	38 Rt.	No Work
+15	26" Elm	52 Rt.	No Work
1464+70	10" Thorn Apple	33 Rt.	No Work
+74	10" Thorn Apple	33 Rt.	No Work
1465+95	Brush	17 Rt.	E-1 Remove
1465+98	Brush	17 Rt.	E-1 Remove
1471+27	12" T-Elm	13 Rt.	E-9 Remove
1478+85	14" Elm	15 Lt.	E-9 Remove
+96	12" Elm	16 Rt.	E-9 Remove
1479+12	6" Box Elder	19 Lt.	E-1 Remove
+38	6" Box Elder	19 Lt.	E-1 Remove
+59	6" Box Elder	19 Lt.	E-1 Remove
+83	12" Elm	19 Lt.	E-9 Remove
1491	8" T-Elm	17 Lt.	E-1 Remove
+99	14" Elm	16 Lt.	E-9 Remove
2+00	12" Maple	23 Rt.	E-9 Remove
+26	6" Maple	24 Rt.	E-1 Remove
+46	4" Walnut	23 Rt.	E-1 Remove
+62	12" Elm	14 Lt.	E-9 Remove
+63	12" Maple	23 Lt.	E-9 Remove
+94	10" Cherry	24 Rt.	E-1 Remove
3+11	14" Elm	17 Lt.	E-9 Remove
+11	8" Box Elder	25 Rt.	E-1 Remove
+48	6" Box Elder	23 Lt.	E-1 Remove
+44	2" Apple	23 Rt.	E-1 Remove
161	4" Apple	24 Rt.	E-1 Remove
+77	12" Box Elder	22 Lt.	E-9 Remove
+91	12" Box Elder	22 Lt.	E-9 Remove
4+10	12" Box Elder	22 Lt.	E-9 Remove
+29	2" Maple	24 Rt.	E-1 Remove
+36	8" Box Elder	22 Lt.	E-1 Remove
+45	8" Box Elder	23 Lt.	E-1 Remove
+55	18" Poplar	24 Rt.	E-9 Remove
+71	12" Maple	23 Rt.	E-9 Remove
+75	8" Box Elder	22 Lt.	E-1 Remove
5+09	2" Maple	24 Rt.	E-1 Remove
+46	24" Maple	23 Rt.	E-9 Remove
+72	18" Maple	23 Rt.	E-9 Remove
+86	8" Maple	23 Rt.	E-1 Remove
+97	18" Elm	23 Lt.	E-9 Remove
+98	12" Maple	23 Rt.	E-9 Remove
6+12	14" Maple	23 Rt.	E-9 Remove
+86	14" Maple	23 Rt.	E-9 Remove
+81	14" Elm	24 Rt.	E-9 Remove
+93	12" Elm	24 Rt.	E-9 Remove
7+07	14" Maple	24 Rt.	E-9 Remove
+07	24" Maple	25 Lt.	E-9 Remove
+22	24" Maple	25 Lt.	E-9 Remove
+22	14" Maple	24 Rt.	E-9 Remove
+37	24" Maple	25 Lt.	E-9 Remove
+40	14" Maple	24 Rt.	E-9 Remove
+55	14" Maple	24 Rt.	E-9 Remove
+60	24" Maple	25 Lt.	E-9 Remove
+89	14" Maple	24 Rt.	E-9 Remove
8+01	14" Maple	24 Rt.	E-9 Remove

STA.	DESCRIPTION	DIST.	DISPOSAL
+08	24" Catalpa	26 Lt.	E-9 Remove
+20	14" Maple	23 Rt.	E-9 Remove
+23	24" Catalpa	26 Lt.	E-9 Remove
+39	14" Catalpa	26 Lt.	E-9 Remove
+42	14" Maple	23 Rt.	E-9 Remove
9+15	30" Maple	26 Lt.	E-9 Remove
+23	Hedge	33 Lt.	E-1 Remove
+39	4" Box Elder	23 Rt.	E-1 Remove
+54	2" Box Elder	24 Rt.	E-1 Remove
+60	3" Box Elder	21 Lt.	E-1 Remove
+74	3" Box Elder	21 Lt.	E-1 Remove
+85	3" Box Elder	21 Lt.	E-1 Remove
+96	30" Maple	24 Rt.	E-9 Remove
10+27	3" Box Elder	23 Lt.	E-1 Remove
+49	Hedge	31 Rt.	E-1 Remove
18+99	Hedge	31 Rt.	E-1 Remove
10+90	12" Box Elder	24 Rt.	E-9 Remove
+92	Hedge	32 Rt.	E-1 Remove
11+10	15" Box Elder	24 Rt.	E-9 Remove
+33	30" Cottonwood	23 Lt.	E-9 Remove
+58	10" Ash	26 Lt.	E-1 Remove
+62	8" Box Elder	24 Rt.	E-1 Remove
+74	8" Box Elder	24 Rt.	E-1 Remove
+80	10" Ash	26 Lt.	E-1 Remove
+96	6" Box Elder	22 Rt.	E-1 Remove
12+01	10" Ash	26 Lt.	E-1 Remove
+16	6" Box Elder	22 Rt.	E-1 Remove
+67	10" Cherry	22 Lt.	E-1 Remove
13+93	24" Poplar	23 Rt.	E-9 Remove
+55	10" Catalpa	23 Rt.	E-1 Remove
+63	3" Walnut	24 Lt.	E-1 Remove
+70	28" Box Elder	23 Rt.	E-9 Remove
15+00	28" Maple	23 Rt.	E-9 Remove
+01	6" Walnut	24 Lt.	E-1 Remove
14+19	18" Maple	25 Lt.	E-9 Remove
+54	28" Maple	25 Lt.	E-9 Remove
+81	6" Walnut	25 Lt.	E-1 Remove

Totals U-646(2)
Code 7221
 E-1 Remove 41
 E-9 Remove 47

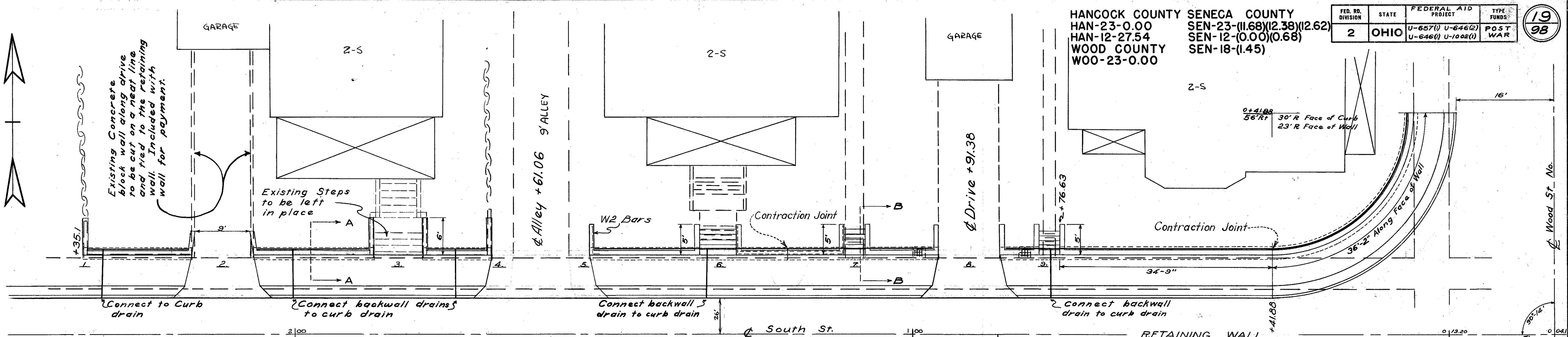
STA.	DESCRIPTION	DIST.	DISPOSAL
603+76	24" Maple	26 Lt.	E-9 Remove
+97	6" Cherry	44 Lt.	E-1 Remove
604+18	10" Cherry	38 Lt.	E-1 Remove
+82	16" Maple	28 Lt.	E-9 Remove
605+05	28" Maple	25 Lt.	E-9 Remove
624+18	15" Maple	26 Lt.	E-9 Remove
+23	15" Maple	22 Rt.	E-9 Remove
+39	15" Maple	26 Lt.	E-9 Remove
+42	15" Maple	24 Rt.	E-9 Remove
+59	18" Maple	26 Lt.	E-9 Remove
+63	18" Maple	22 Rt.	E-9 Remove
+79	16" Maple	26 Lt.	E-9 Remove
+85	18" Maple	22 Rt.	E-9 Remove
625+06	18" Maple	22 Rt.	E-9 Remove
+20	15" Maple	26 Lt.	E-9 Remove
+41	16" Maple	26 Lt.	E-9 Remove
+44	18" Maple	24 Rt.	E-9 Remove
+64	8" Cherry	25 Lt.	E-1 Remove
+83	28" Maple	26 Lt.	E-9 Remove
626+04	10" Cherry	25 Lt.	E-9 Remove
+25	20" Maple	24 Rt.	E-9 Remove
+65	15" Maple	25 Lt.	E-9 Remove
+67	20" Maple	24 Rt.	E-9 Remove
+92	8" Cherry	25 Lt.	E-1 Remove
+97	15" Maple	24 Rt.	E-9 Remove
627+13	18" Maple	26 Lt.	E-9 Remove
+30	18" Maple	24 Rt.	E-9 Remove
+53	24" Maple	24 Rt.	E-9 Remove
+56	20" Maple	26 Lt.	E-9 Remove
+79	20" Stump	26 Lt.	E-9 Remove
+82	15" Maple	24 Rt.	E-9 Remove
628+10	24" Stump	26 Lt.	E-9 Remove
+19	24" Maple	24 Rt.	E-9 Remove
+29	Hedge	31 Rt.	E-1 Remove
+40	8" Elm	25 Lt.	E-1 Remove
+41	24" Maple	24 Rt.	E-9 Remove
+55	8" Maple	25 Lt.	E-1 Remove
+63	24" Maple	24 Rt.	E-9 Remove
888+33	Hedge	31 Rt.	E-1 Remove
+84	Hedge	31 Rt.	E-1 Remove
+85	24" Maple	24 Rt.	E-9 Remove
629+23	18" Maple	23 Rt.	No Work
630+08	18" Maple	26 Lt.	E-9 Remove
+28	24" Maple	23 Rt.	E-9 Remove
+48	20" Maple	24 Rt.	E-9 Remove
+69	20" Maple	24 Rt.	E-9 Remove
+86	20" Maple	24 Rt.	E-9 Remove
+89	6" Walnut	27 Lt.	E-1 Remove
631+06	Hedge	31 Rt.	E-1 Remove
+10	24" Maple	23 Rt.	E-9 Remove
+12	2" Walnut	26 Lt.	E-1 Remove
+32	21" Maple	26 Lt.	E-9 Remove
+48	Bush	27 Lt.	E-1 Remove
+55	24" Maple	23 Rt.	E-9 Remove
+74	24" Maple	24 Rt.	E-9 Remove
+82	10" Maple	27 Lt.	E-1 Remove
+95	24" Maple	24 Rt.	E-9 Remove
632+10	10" Maple	27 Lt.	E-1 Remove
+16	15" Maple	24 Rt.	E-9 Remove
+34	Hedge	35 Lt.	E-1 Remove
+40	24" Maple	23 Rt.	E-9 Remove
+46	10" Elm	22 Lt.	E-1 Remove

Totals U-657(1)
Code 7221
 E-1 Remove 44
 E-9 Remove 63

STA.	DESCRIPTION	DIST.	DISPOSAL
632+70	9" Elm	22 Lt.	E-1 Remove
+83	24" Maple	23 Rt.	E-9 Remove
+91	24" Elm	23 Lt.	E-9 Remove
633+07	12" Catalpa	26 Lt.	E-9 Remove
+85	22" Maple	24 Rt.	E-9 Remove
+34	6" Cherry	25 Lt.	E-1 Remove
+47	28" Maple	24 Rt.	E-1 Remove
+75	3" Elm	22 Lt.	E-1 Remove
+75	10" Catalpa	22 Rt.	E-1 Remove
+77	Hedge	31 Rt.	E-1 Remove
+77	28" Maple	24 Rt.	E-9 Remove
+62	Hedge	34 Rt.	No Work
+75	3" Elm	22 Lt.	E-1 Remove
+75	10" Catalpa	22 Rt.	E-1 Remove
+77	Hedge	31 Rt.	E-1 Remove
+77	28" Maple	24 Rt.	E-9 Remove
+79	Hedge	32 Rt.	E-1 Remove
634+02	3" Elm	23 Lt.	E-1 Remove
+08	10" Catalpa	22 Rt.	E-1 Remove
+19	Hedge	33 Rt.	E-1 Remove
+32	26" Maple	26 Lt.	E-9 Remove
+32	12" Cherry	22 Rt.	E-9 Remove
+73	24" Maple	26 Lt.	E-9 Remove
+79	Hedge	32 Rt.	E-1 Remove
635+01	24" Maple	26 Lt.	E-9 Remove
636+21	26" Maple	26 Lt.	E-9 Remove
+23	24" Maple	27 Lt.	E-9 Remove
+58	20" Maple	26 Lt.	E-9 Remove
+58	20" Maple	23 Rt.	E-9 Remove
637+17	30" Maple	32 Rt.	E-9 Remove
838+7	Hedge	33 Lt.	E-1 Remove
638+34	4" Maple	23 Lt.	E-1 Remove
+56	5" Elm	22 Rt.	E-1 Remove
+62	4" Maple	23 Lt.	E-1 Remove
+90	4" Maple	23 Lt.	E-1 Remove
+93	8" Cherry	35 Lt.	No Work
638+11	15" Maple	23 Lt.	E-9 Remove
+24	15" Maple	23 Lt.	E-9 Remove
+35	4" Maple	23 Rt.	E-1 Remove
+84	4" Maple	23 Lt.	E-1 Remove
+65	6" Elm	24 Rt.	E-1 Remove
+84	8" Elm	24 Rt.	E-1 Remove
639+28	10" Pear	42 Rt.	No Work
+40	24" Maple	23 Rt.	E-9 Remove
+63	28" Maple	24 Rt.	E-9 Remove
640+52	2" Pine	22 Rt.	E-1 Remove
+68	2" Pine	22 Rt.	E-1 Remove
641+11	3" Elm	21 Rt.	E-1 Remove
640+44	18" Ash	21 Rt.	E-9 Remove
+81	2" Ash	21 Rt.	E-1 Remove
641+06	2" Pine	21 Rt.	E-1 Remove
+32	2" Pine	21 Rt.	E-1 Remove

STA.	DESCRIPTION	DIST.	DISPOSAL
605+78	6" Elm	24 Lt.	E-1 Remove
+78	5" Box Elder	21 Rt.	E-1 Remove
+91	5" Box Elder	21 Rt.	E-1 Remove
+98	2" Elm	25 Lt.	E-1 Remove
606+55	6" T-Ash	19 Lt.	E-1 Remove
+77	15" Maple	22 Rt.	E-9 Remove
+78	30" Maple	25 Lt.	E-9 Remove
+96	15" Maple	23 Rt.	E-9 Remove
607+20	18" Maple	22 Rt.	E-9 Remove
+46	6" Elm	25 Lt.	E-9 Remove
608+09	Hedge	30 Rt.	E-1 Remove
608+22	Hedge	30 Rt.	E-1 Remove
608+28	Hedge	30 Rt.	E-1 Remove
+16	20" Poplar	22 Rt.	E-9 Remove
+45	Hedge	30 Rt.	E-1 Remove
+52	15" Maple	21 Rt.	E-9 Remove
+78	26" Box Elder	37 Rt.	E-9 Remove
+89	5" Maple	25 Lt.	E-1 Remove
609+02	6" Maple	21 Rt.	E-9 Remove
+14	5" Maple	26 Lt.	E-9 Remove
+89	4" Maple	22 Lt.	E-9 Remove
610+04	26" Maple	22 Lt.	E-9 Remove
+04	14" Maple	22 Rt.	E-9 Remove
+23	14" Maple	22 Rt.	E-9 Remove
+69	26" Maple	26 Lt.	E-9 Remove
+80	15" Maple	22 Rt.	E-9 Remove
+91	26" Maple	26 Lt.	E-9 Remove
611+04	12" Maple	22 Rt.	E-9 Remove
+30	12" Maple	22 Rt.	E-9 Remove
+50	12" Maple	21 Rt.	E-9 Remove
+70	12" Maple	22 Rt.	E-9 Remove
612+61	24" Maple	25 Lt.	E-9 Remove
+82	22" Maple	26 Lt.	E-9 Remove
617+22	12" Elm	41 Rt.	E-9 Remove
+28	24" Elm	19 Lt.	E-9 Remove
+47	12" Poplar	33 Rt.	E-9 Remove
+50	12" Poplar	32 Rt.	E-9 Remove
+65	12" Poplar	33 Rt.	E-9 Remove
+74	12" Poplar	32 Rt.	E-9 Remove
+83	20" Ash	44 Lt.	E-9 Remove
618+03	12" Poplar	33 Rt.	E-9 Remove
+18	15" Maple	34 Rt.	E-9 Remove
+29	15" Maple	43 Lt.	E-9 Remove
+50	24" Ash	32 Rt.	E-9 Remove
+89	24" Elm	23 Lt.	E-9 Remove
619+19	15" Apple	30 Rt.	E-9 Remove
621+77	12" Box Elder	25 Lt.	E-9 Remove
+29	12" Box Elder	25 Lt.	E-9 Remove
622+03	8" Poplar	51 Rt.	No Work
+16	24" Stump	22 Rt.	E-9 Remove
+31	12" Ash	23 Rt.	E-9 Remove
+46	15" Ash	46 Rt.	No Work
+59	18" Stump	21 Lt.	E-9 Remove
+72	24" Maple	22 Rt.	E-9 Remove
+76	24" Maple	26 Lt.	E-9 Remove
623+00	15" Maple	22 Rt.	E-9 Remove
+19	24" Maple	22 Rt.	E-9 Remove
+22	2" Poplar	25 Lt.	E-1 Remove
+40	8" Maple	23 Rt.	E-1 Remove
+60	18" Maple	22 Rt.	E-9 Remove
+76	28" Maple	26 Lt.	E-9 Remove
+81	18" Maple	22 Rt.	E-9 Remove
624+04	16" Maple	23 Rt.	E-9 Remove

STA.	DESCRIPTION	DIST.	DISPOSAL
582+27	18" Elm	23 Rt.	E-9 Remove
+90	24" Ash	21 Rt.	E-9 Remove
584+15	24" Maple	31 Lt.	E-9 Remove
585+35	12" Apple	23 Lt.	Shape Around
+39	12" Walnut	21 Lt.	Shape Around
+90	Hedge	30 Rt.	E-1 Remove
586+27	24" Elm	20 Lt.	Shape Around
+29	6" Catalpa	13 Lt.	E-1 Remove
+49	12" Catalpa	10 Lt.	E-9 Remove
+69	12" Catalpa	9 Lt.	E-9 Remove
587+00	12" Apple	28 Lt.	Shape Around
+05	8" Cherry	42 Lt.</	



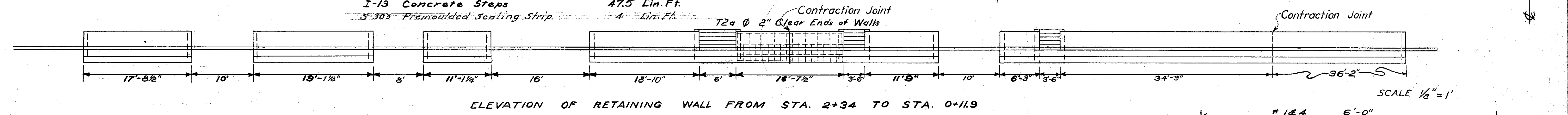
Note: Removal of existing concrete block wall between Sta. 1+69.06 and Sta. 2+35.1 included with Excavation for payment.

PLAN VIEW OF RETAINING WALL FROM STA. 2+34 TO STA. 0+11.9
RETAINING WALL ESTIMATED QUANTITIES
Sta. 0+86.65 to Sta. 2+35.1

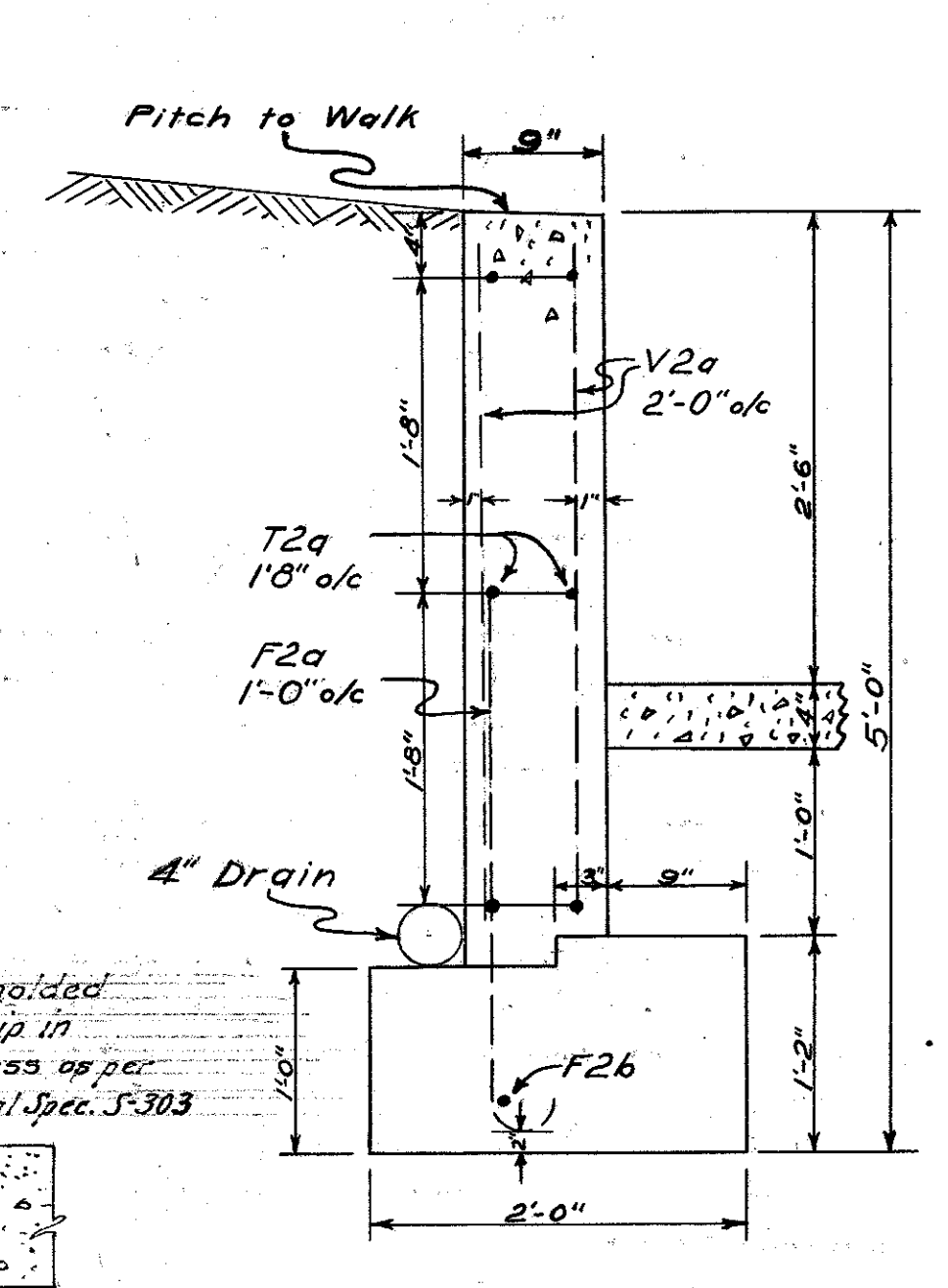
E-2 Excavation	41 Cu. Yds.	S-1 Class "C" Concrete for Footers	84 Cu. Yds.	S-1 Class "C" Concrete for Walls & Footers	22.6 Cu. Yds.
S-1 Class "C" Concrete for walls	15 Cu. Yds.	S-4 Reinforcing Steel	1208 Lbs.	I-3 4" Pipe for Backwall Drainage	140 Lin. Ft.
S-4 Reinforcing Steel	140 Lin. Ft.	I-13 Concrete Steps	47.5 Lin. Ft.	S-303 Premoulded Sealing Strip	4 Lin. Ft.

RETAINING WALL ESTIMATED QUANTITIES
Sta. 0+00 to Sta. 0+86.65
SCALE 1/8" = 1'

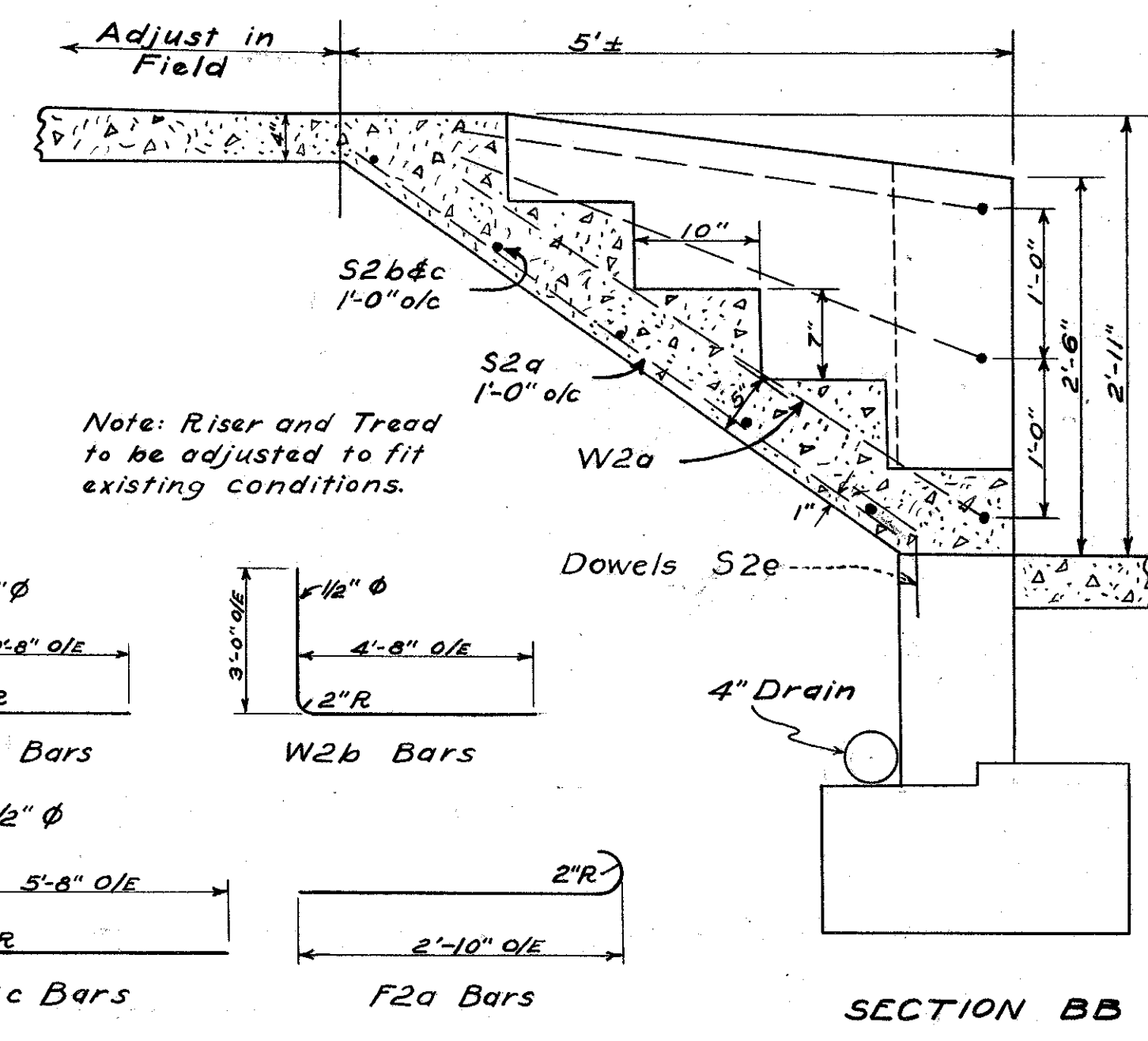
E-2 Excavation	25 Cu. Yds.
S-1 Class "C" Concrete for footers	6.5 Cu. Yds.
S-1 Class "C" Concrete for walls	9.2 Cu. Yds.
S-4 Reinforcing Steel	829 Lbs.
I-3 4" Pipe for Backwall Drainage	30 Lin. Ft.
I-13 Concrete Steps	17.5 Lin. Ft.
I-13 4" Concrete Sidewalk	10 Sq. Ft.



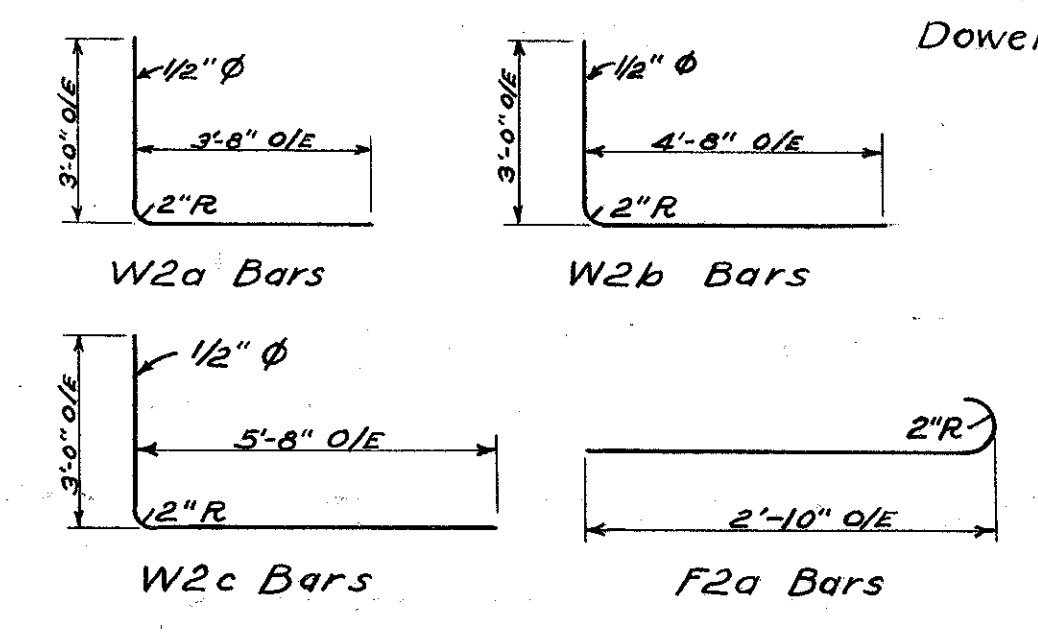
ELEVATION OF RETAINING WALL FROM STA. 2+34 TO STA. 0+11.9
SCALE 1/8" = 1'



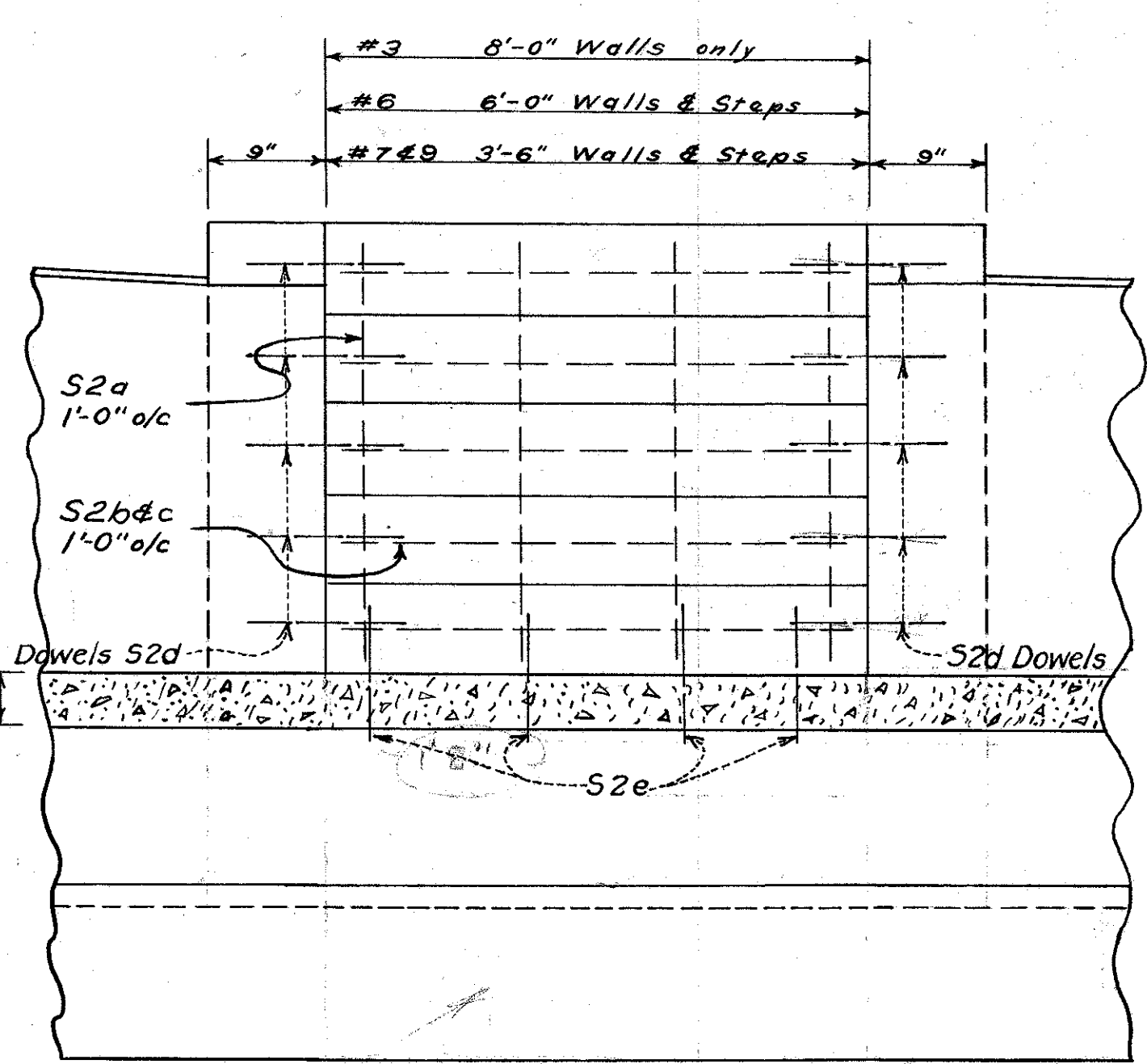
SECTION AA SCALE 1" = 1'



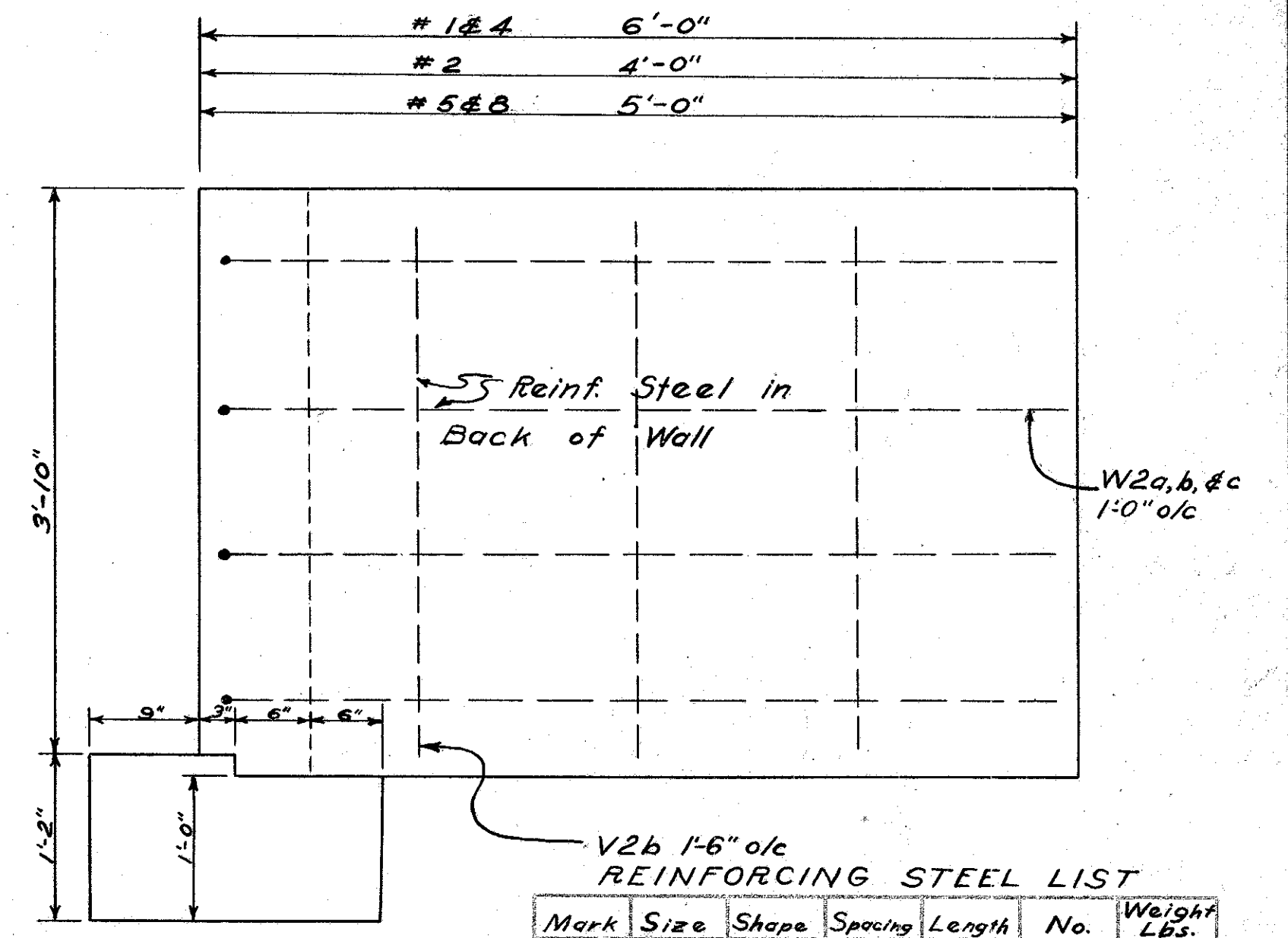
SECTION BB



BENDING DIAGRAMS



ELEVATION STEPS



ELEVATION TURNBACKWALL

REINFORCING STEEL LIST

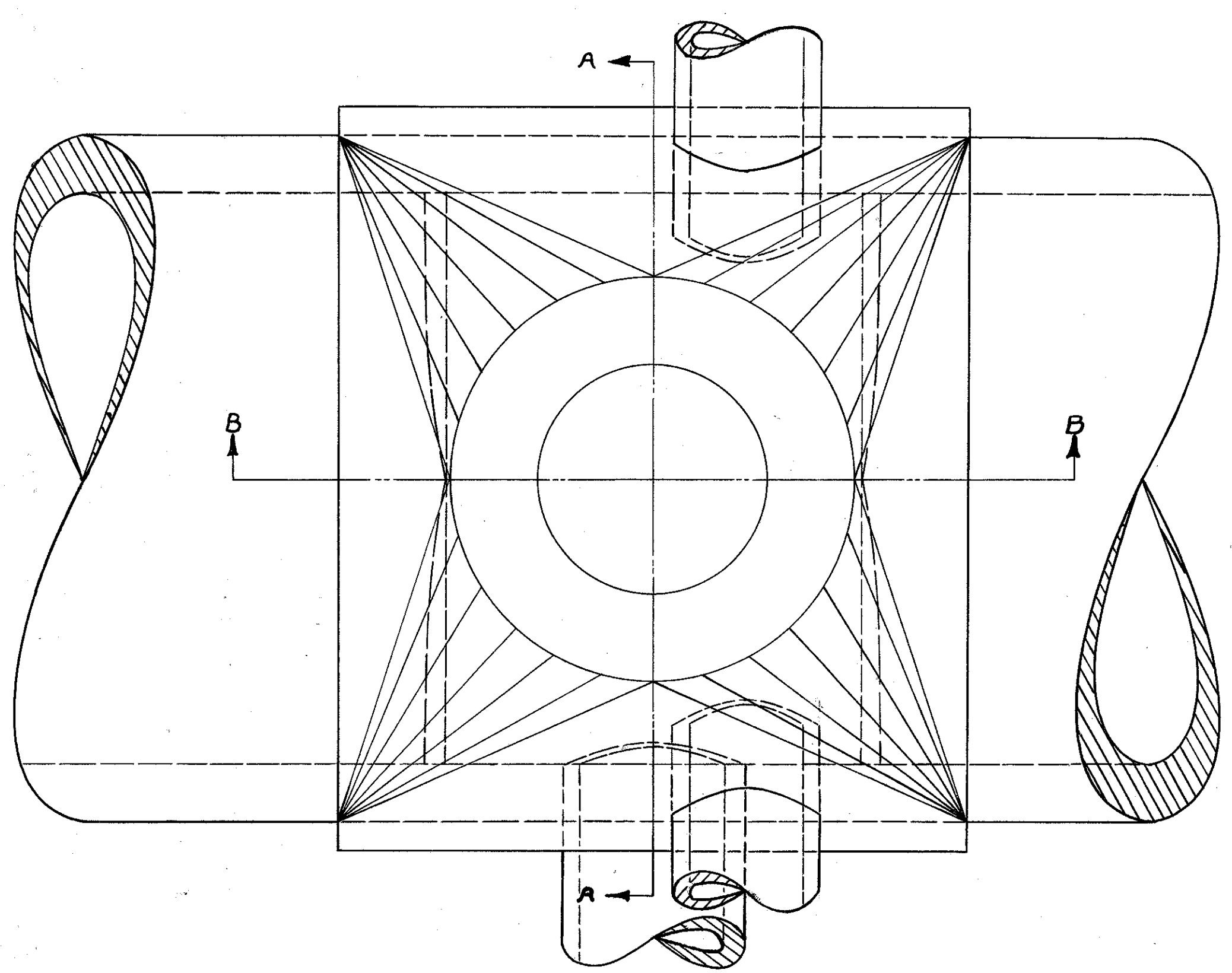
Mark	Size	Shape	Spacing	Length	No.	Weight Lbs.
Footings						
F2a	1/2" φ	Bent	1'-0"	3'-2"	96	203
F2b	"	Straight	-	Varies	381	62
Walls						
T2a	1/2" φ	Straight	1'-0"	Varies	325.6	373
V2a	"	"	2'-0"	3'-6"	100	245
V2b	"	"	1'-6"	3'-8"	26	40
W2a	"	Bent	1'-0"	6'-8"	16	116
W2b	"	"	"	7'-8"	8	41
W2c	"	"	"	8'-8"	8	46
Steps						
S2a	1/2" φ	Straight	1'-0"	4'-6"	11	33
S2d	1/2" φ	"	"	3'-2"	5	10
S2c	"	"	"	5'-8"	5	19
Total Carried Fwd.						1208

Note: Longitudinal bars shall not run thru contraction joint.

FED. RD. DIVISION	STATE	FEDERAL PROJECT	AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	POST WAR	

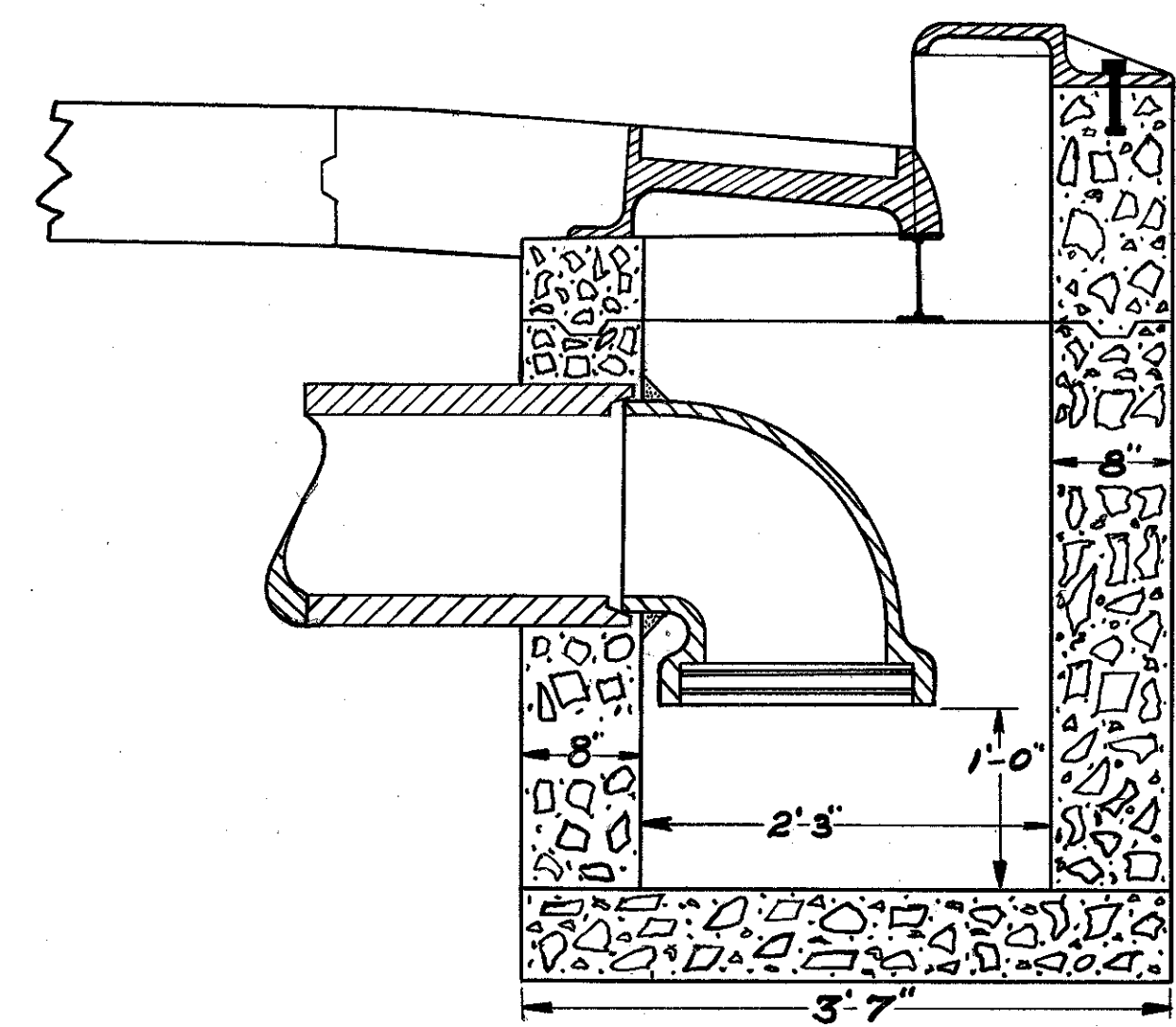
20
98

HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23-(1.68)(2.38)(2.62)
HAN-12-27.54 SEN-12 (0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-0.00



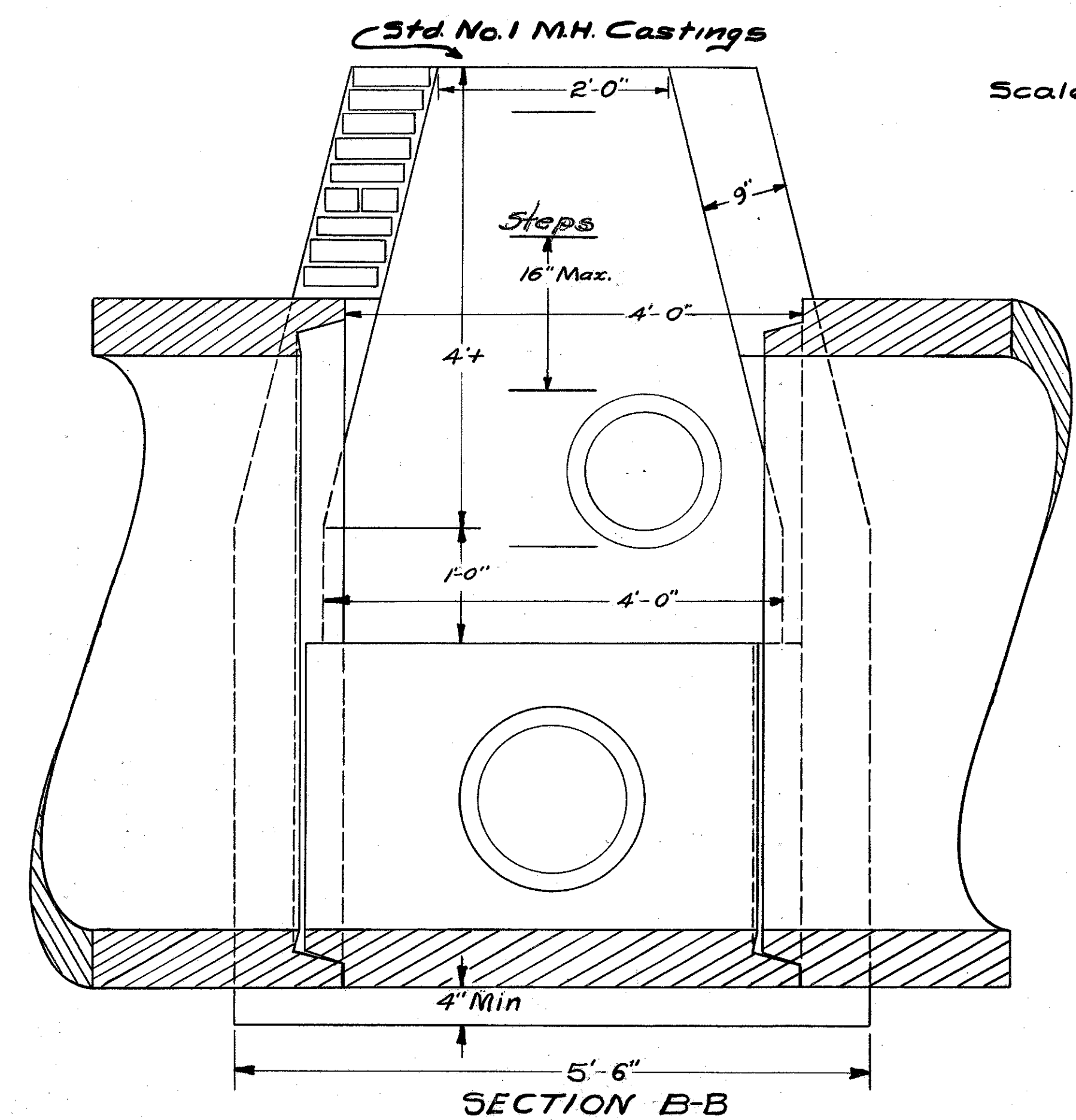
PLAN
NO. 1 MANHOLE (MODIFIED)

Note:-
All notes and details, unless otherwise shown on this plan, shall be as shown on Std. No. 1 M.H. drawing



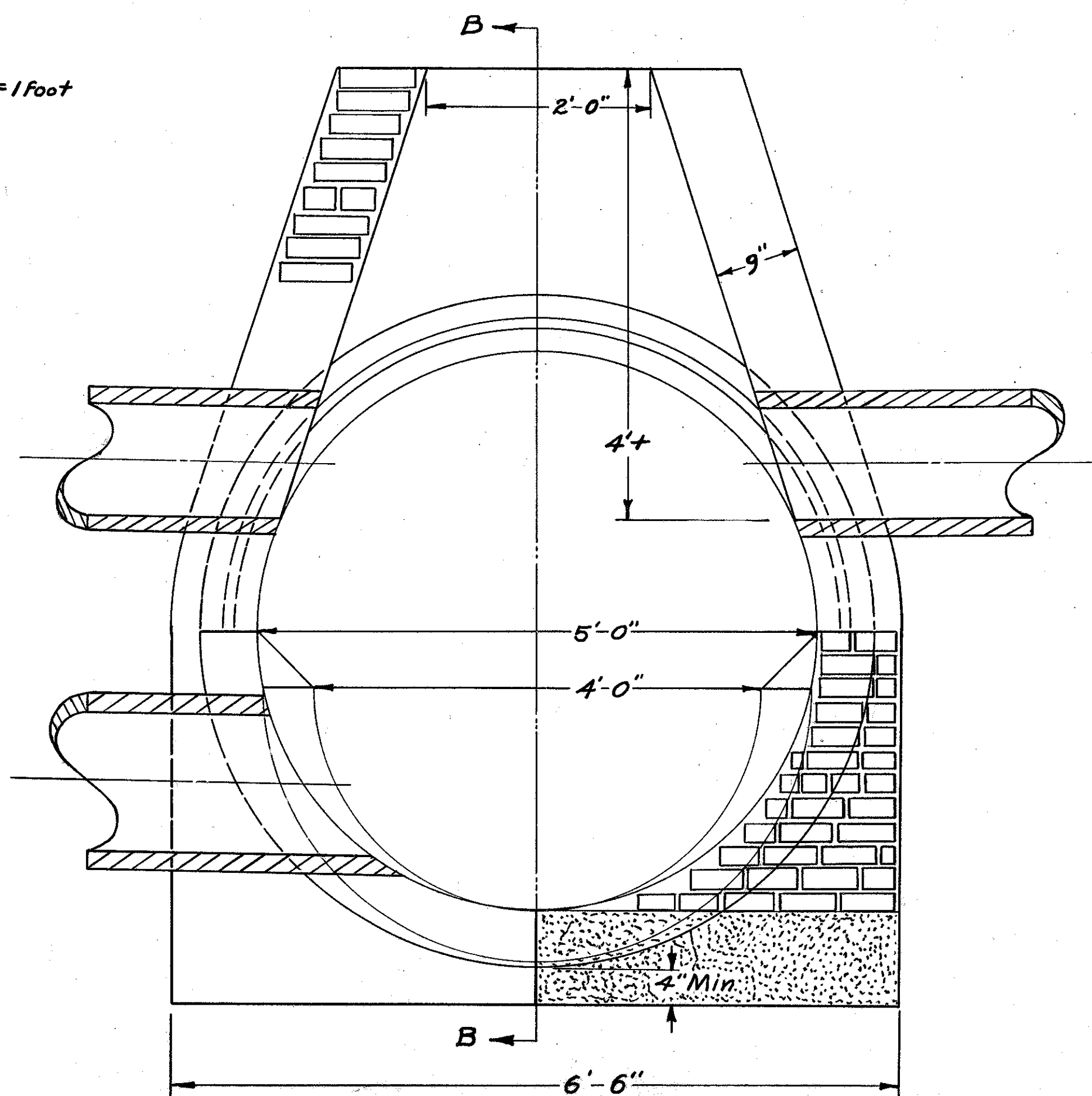
NO. 3 CATCH BASIN
NO. 3-A CATCH BASIN
MODIFIED BY TRAP OUTLET

Scale: 1 inch = 1 foot



SECTION B-B

Scale: 1 inch = 1 foot



SECTION A-A

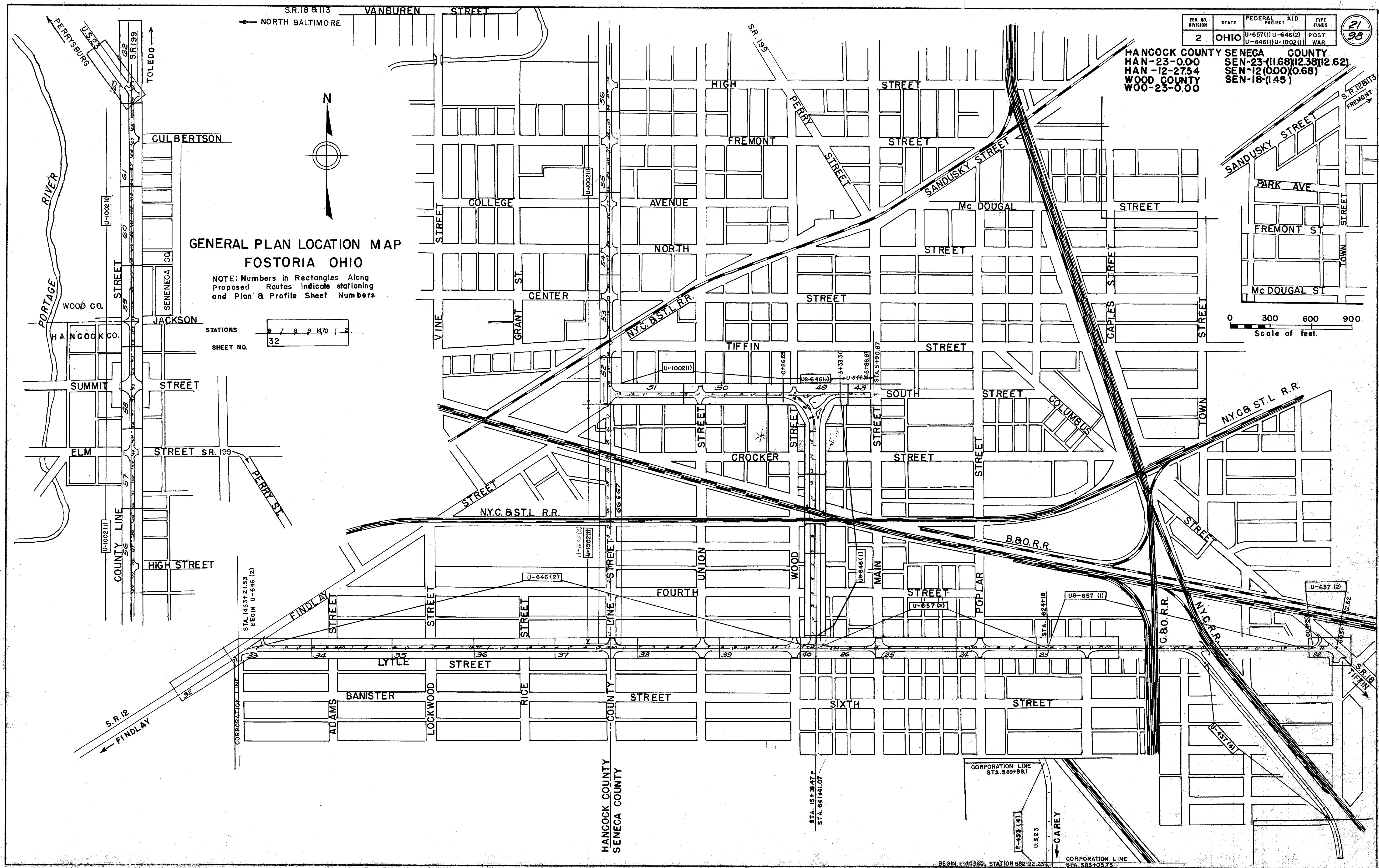
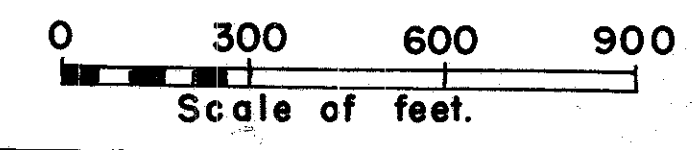
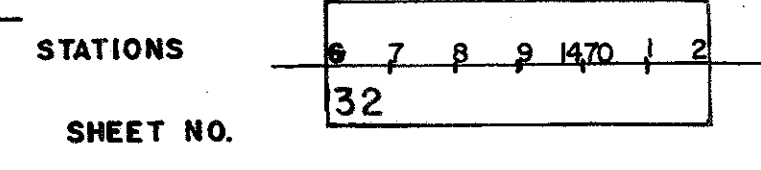
FED. RD. DIVISION	STATE	FEDERAL PROJECT AID	TYPE FUNDS
2	OHIO	U-657(1) U-646(2) U-646(1) U-1002(1)	POST WAR

21
98

HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-0.00

GENERAL PLAN LOCATION MAP FOSTORIA OHIO

NOTE: Numbers in Rectangles Along
Proposed Routes indicate stationing
and Plan & Profile Sheet Numbers

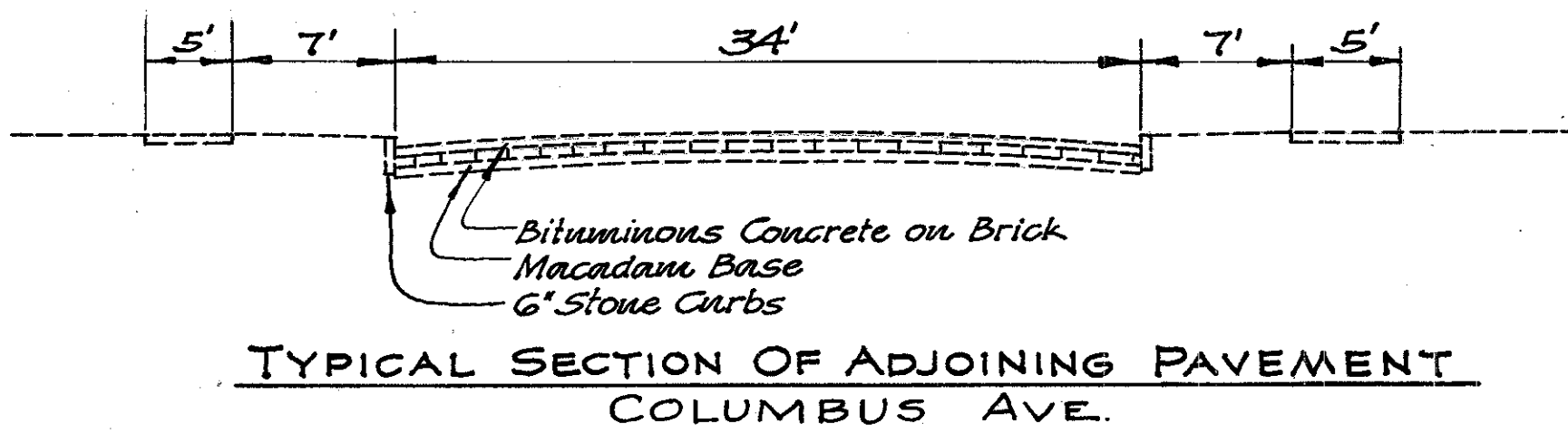
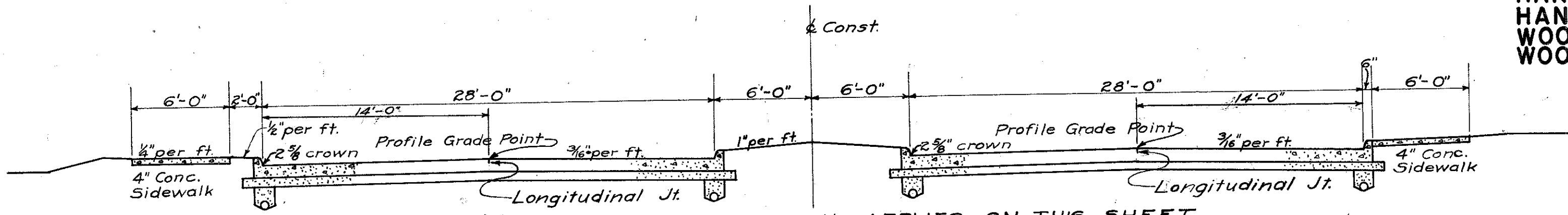


BEGIN F-455(4), STATION 582+22.25 CORPORATION LINE STA. 589+99.1

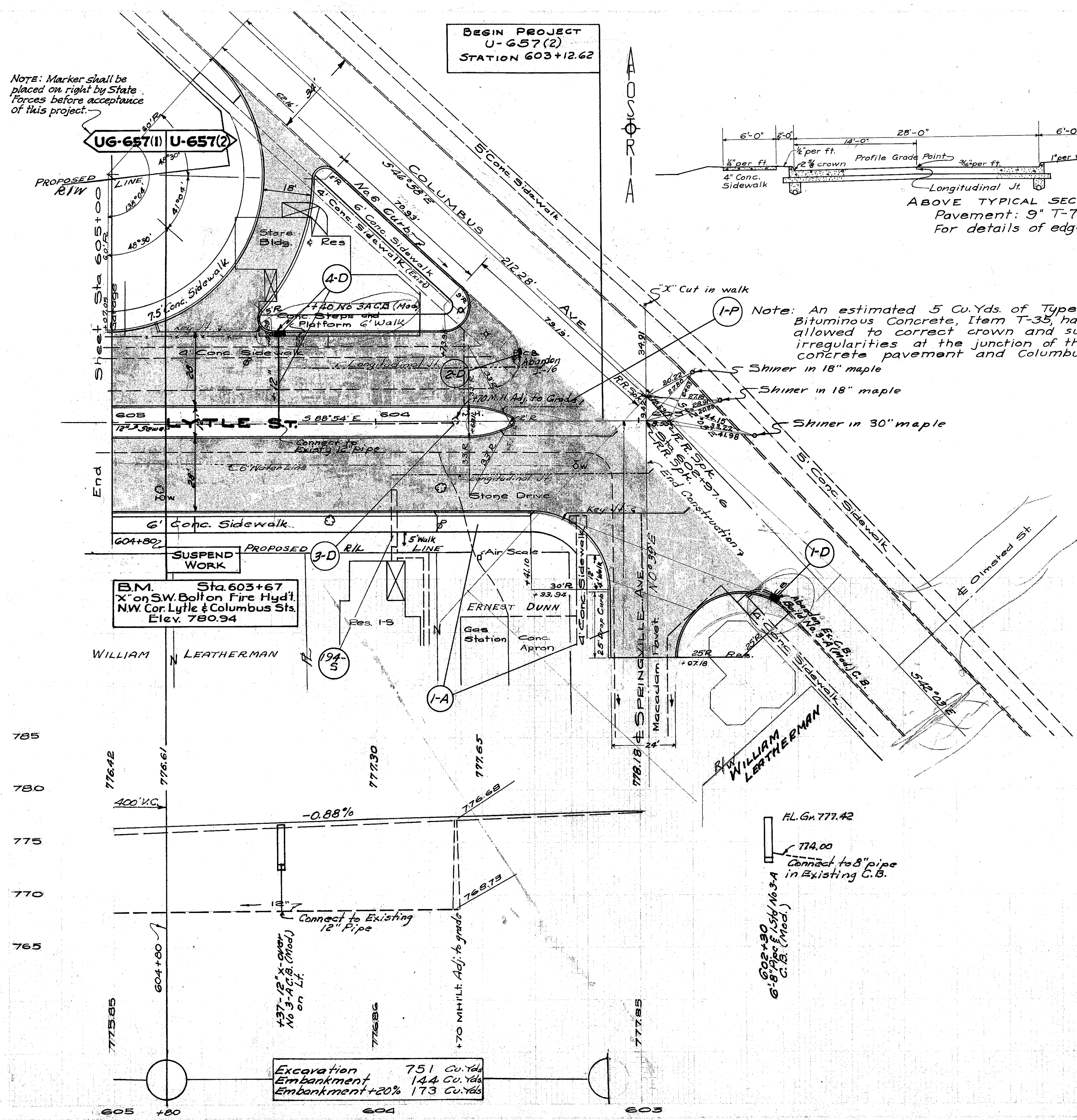
HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-(1168)(12.38)(1262)
 HAN-12-27.54 SEN-12(000)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

NOTE: Marker shall be placed on right by State Forces before acceptance of this project.

BEGIN PROJECT
 U-657(2)
 STATION 603+12.62



Note: An estimated 5 Cu. Yds. of Type "C" Bituminous Concrete, Item T-35, has been allowed to correct crown and surface irregularities at the junction of the new concrete pavement and Columbus Ave.



B.M. Sta. 603+67
 X on SW. Bolton Fire Hyd.
 N.W. Cor. Lytle & Columbus Sts.
 Elev. 780.94

Excavation 751 Cu. Yds
 Embankment 144 Cu. Yds
 Embankment +20% 173 Cu. Yds

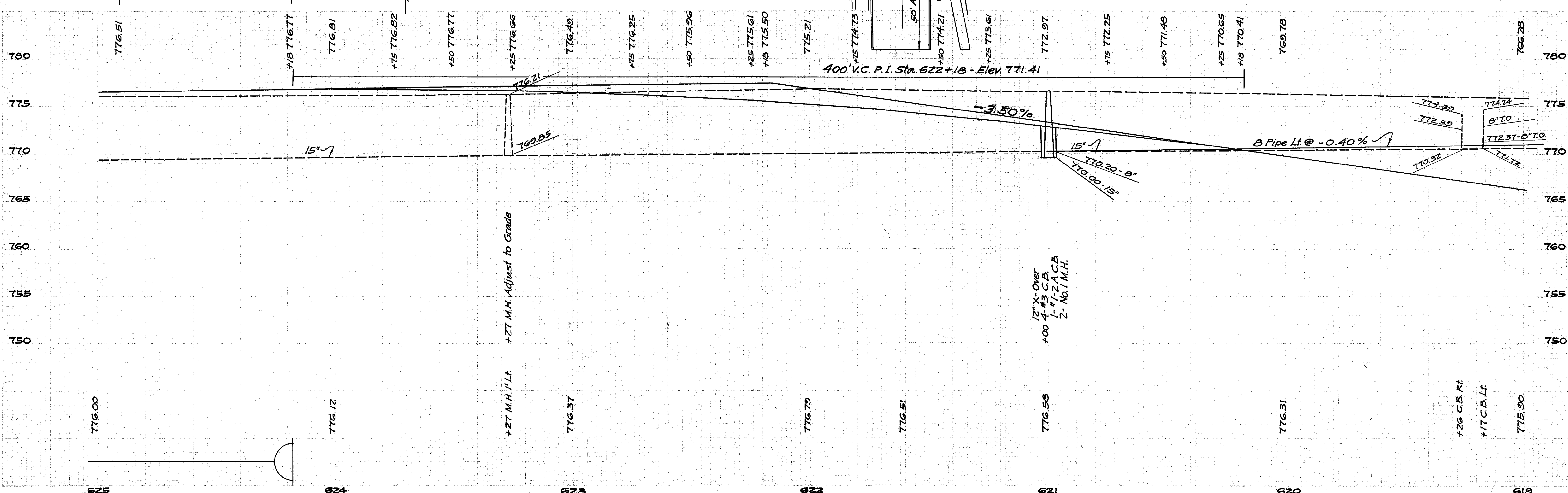
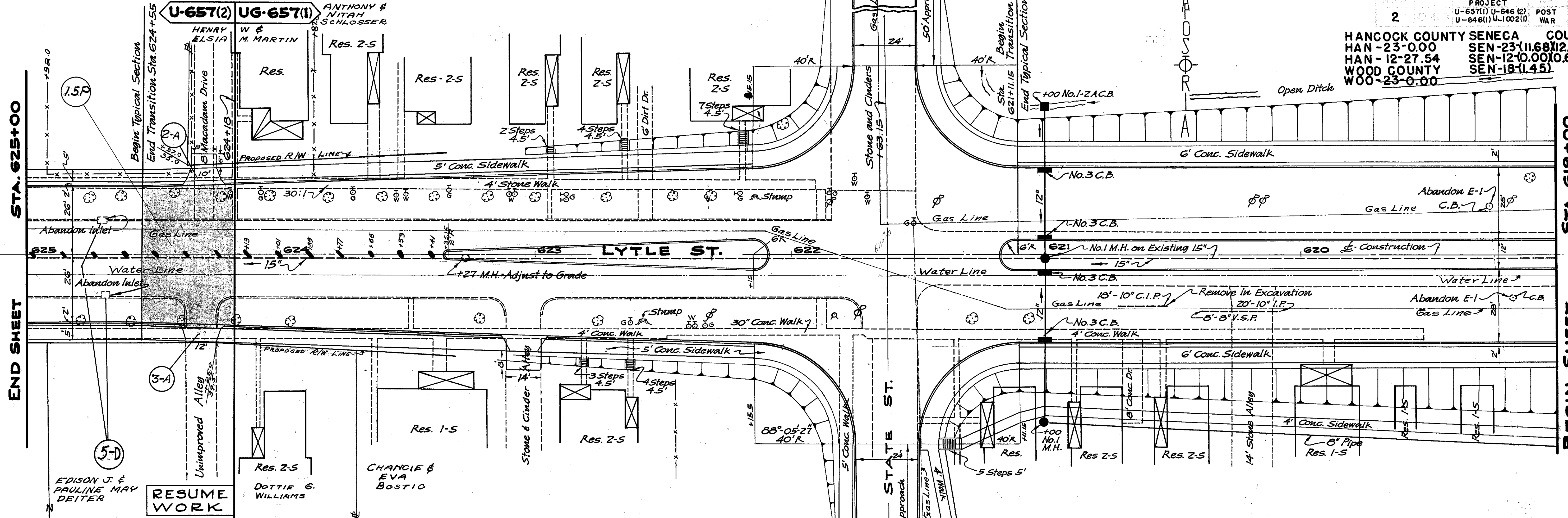
RL. Gr. 777.42
 774.00
 Connect to 8" pipe
 in Existing C.B.
 602+30
 6" 8" Pipe (Mod.)
 C.B. (Mod.)

STA. 625+00

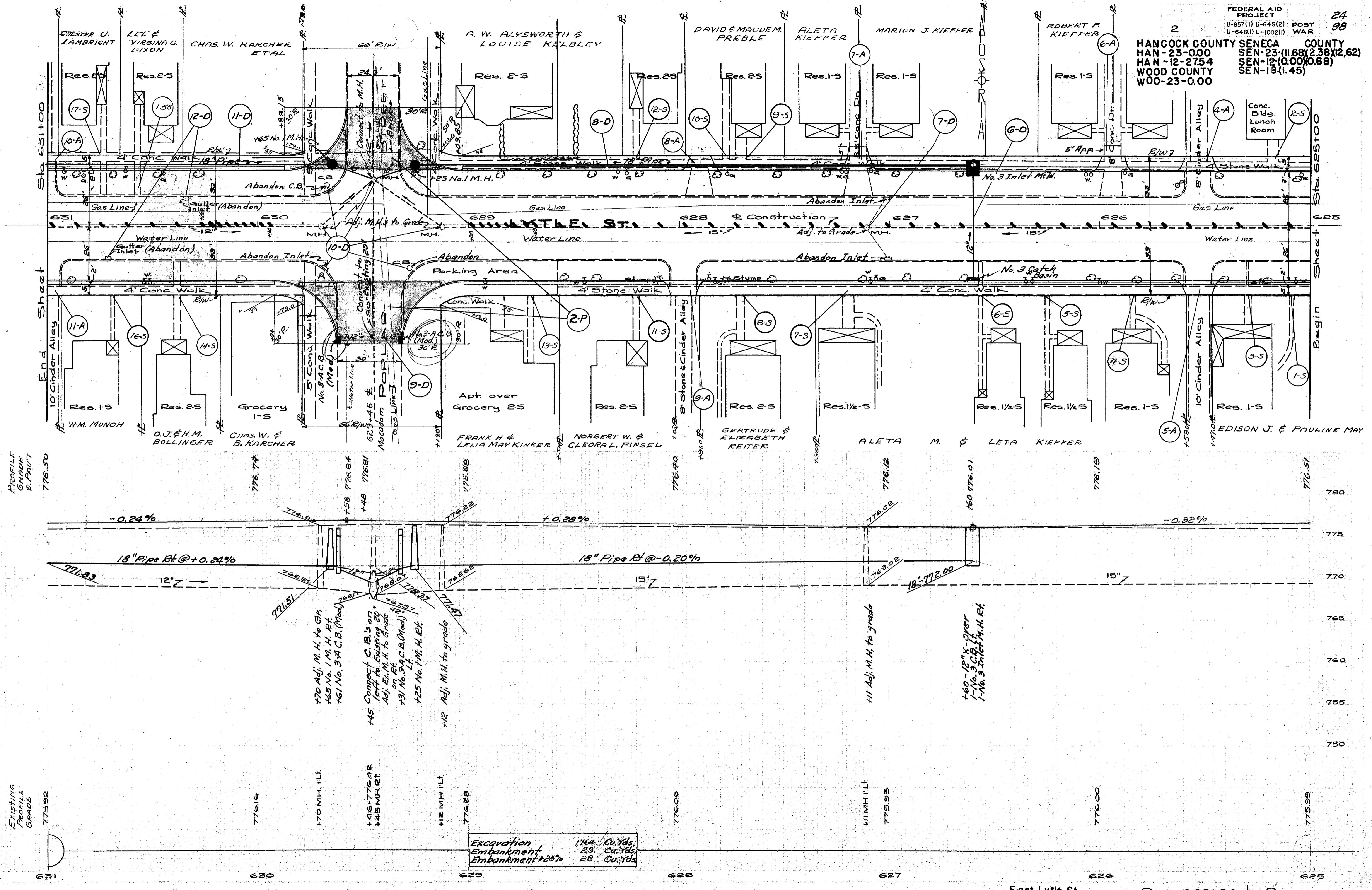
END SHEET

STA. 619+00

BEGIN SHEET

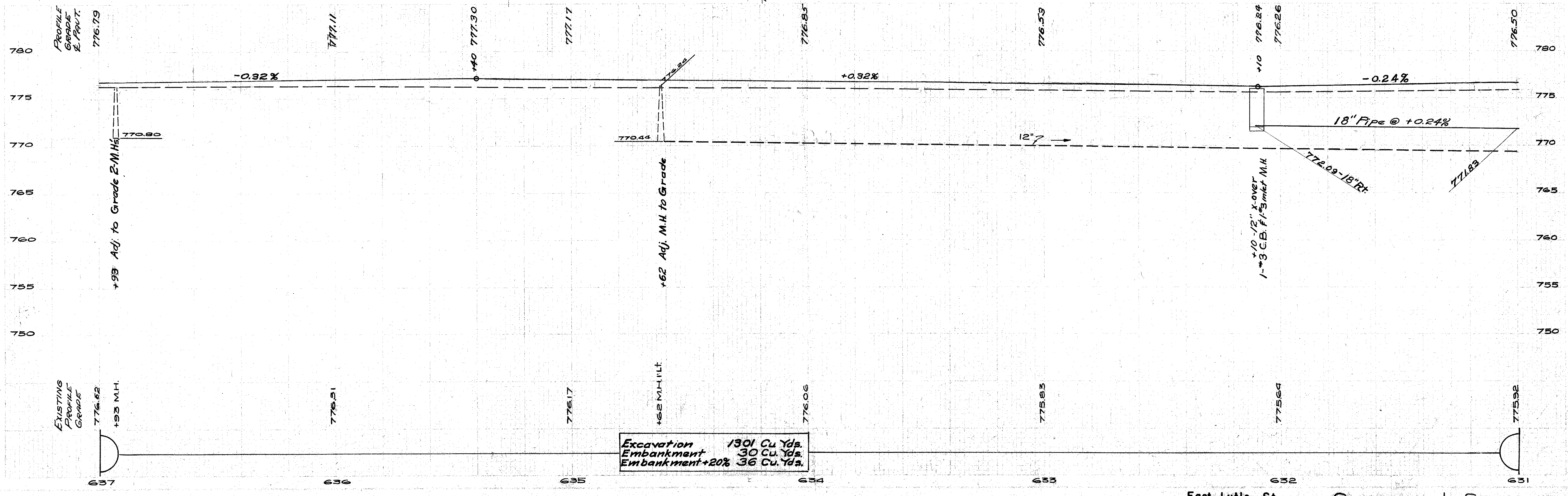
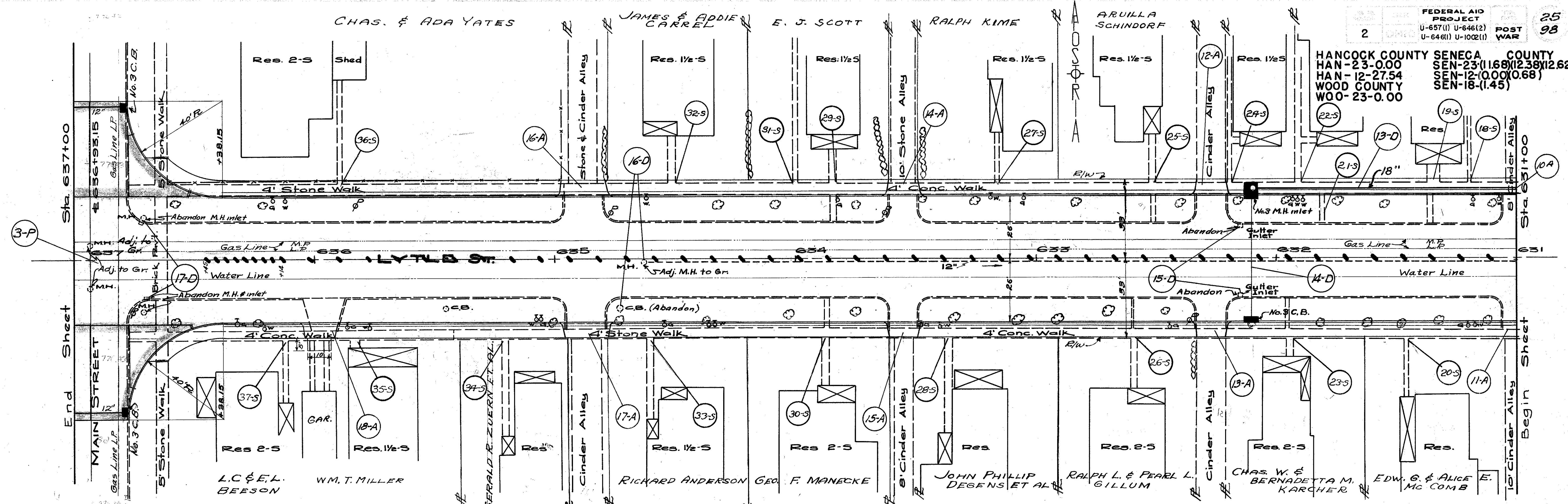


HANCOCK COUNTY SENeca COUNTY
 HAN-23-000 SEN-23-(11.68)(2.38)(2.62)
 HAN-12-2754 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-13-(1.45)
 W00-23-0.00

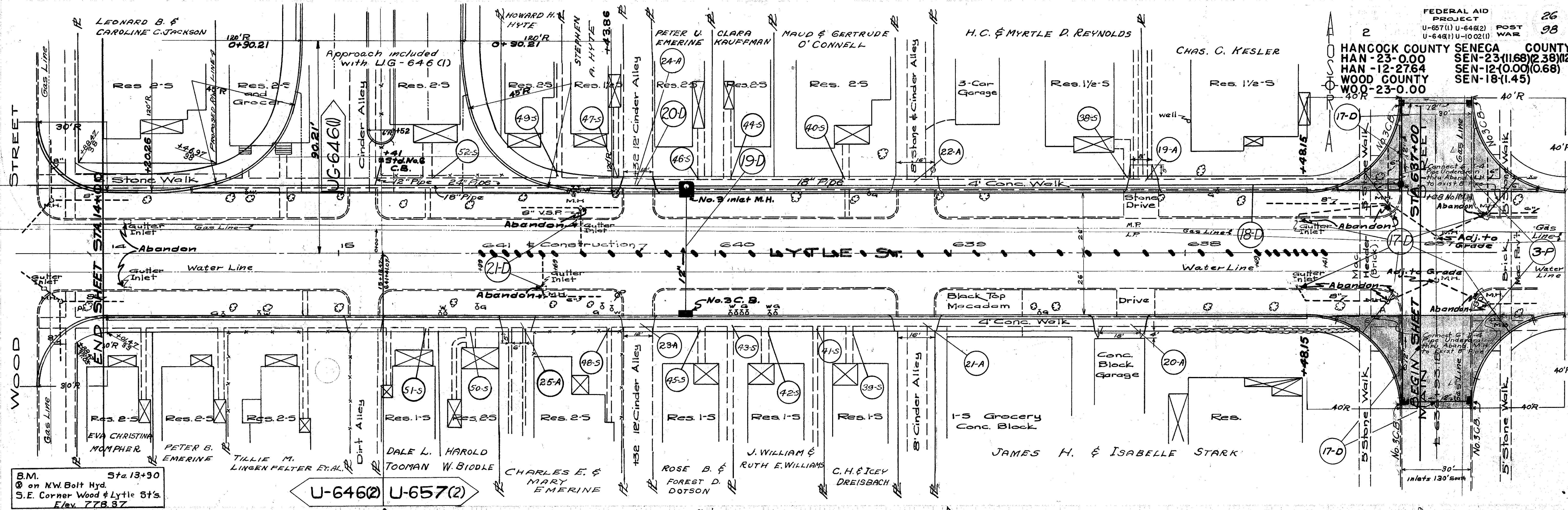


Excavation	1764	Cu. Yds.
Embankment	23	Cu. Yds.
Embankment +20%	28	Cu. Yds.

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(1.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

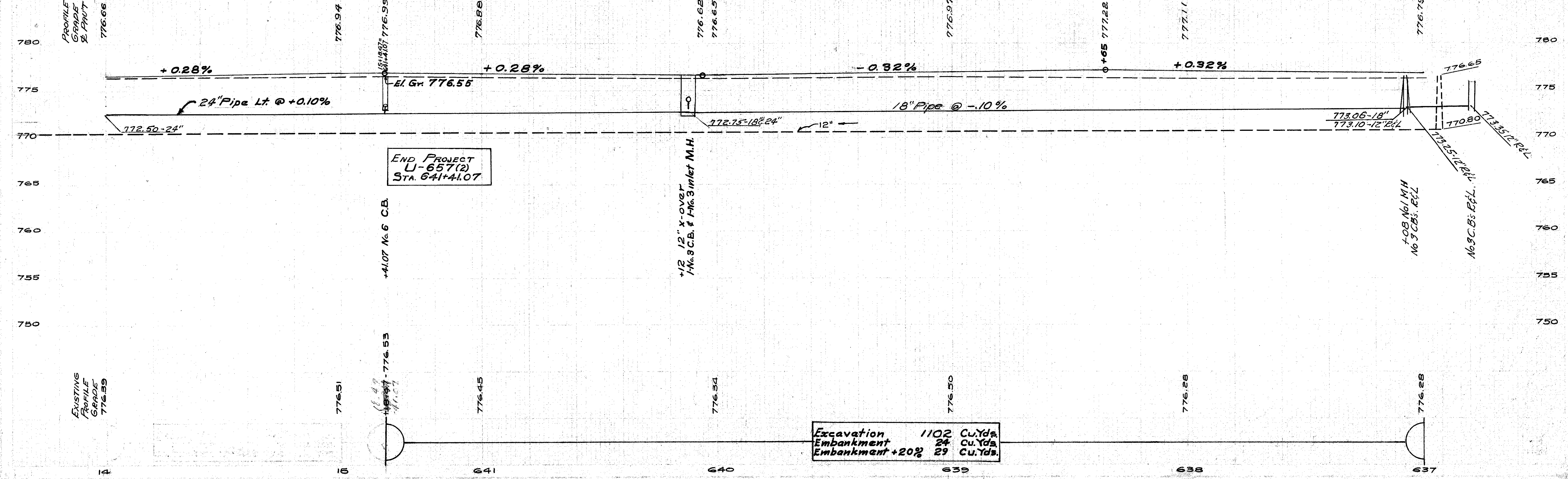


HANCOCK COUNTY SENeca COUNTY
 HAN-23-000 SEN-23(11.68)(2.38)(12.62)
 HAN-12-2764 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-000



B.M. Sta. 13+90
 on NW Bolt Hyd.
 S.E. Corner Wood & Lytle St's.
 Elev. 778.57

U-646(2) U-657(2)



Excavation	1102 Cu.Yds.
Embankment	24 Cu.Yds.
Embankment +20%	29 Cu.Yds.

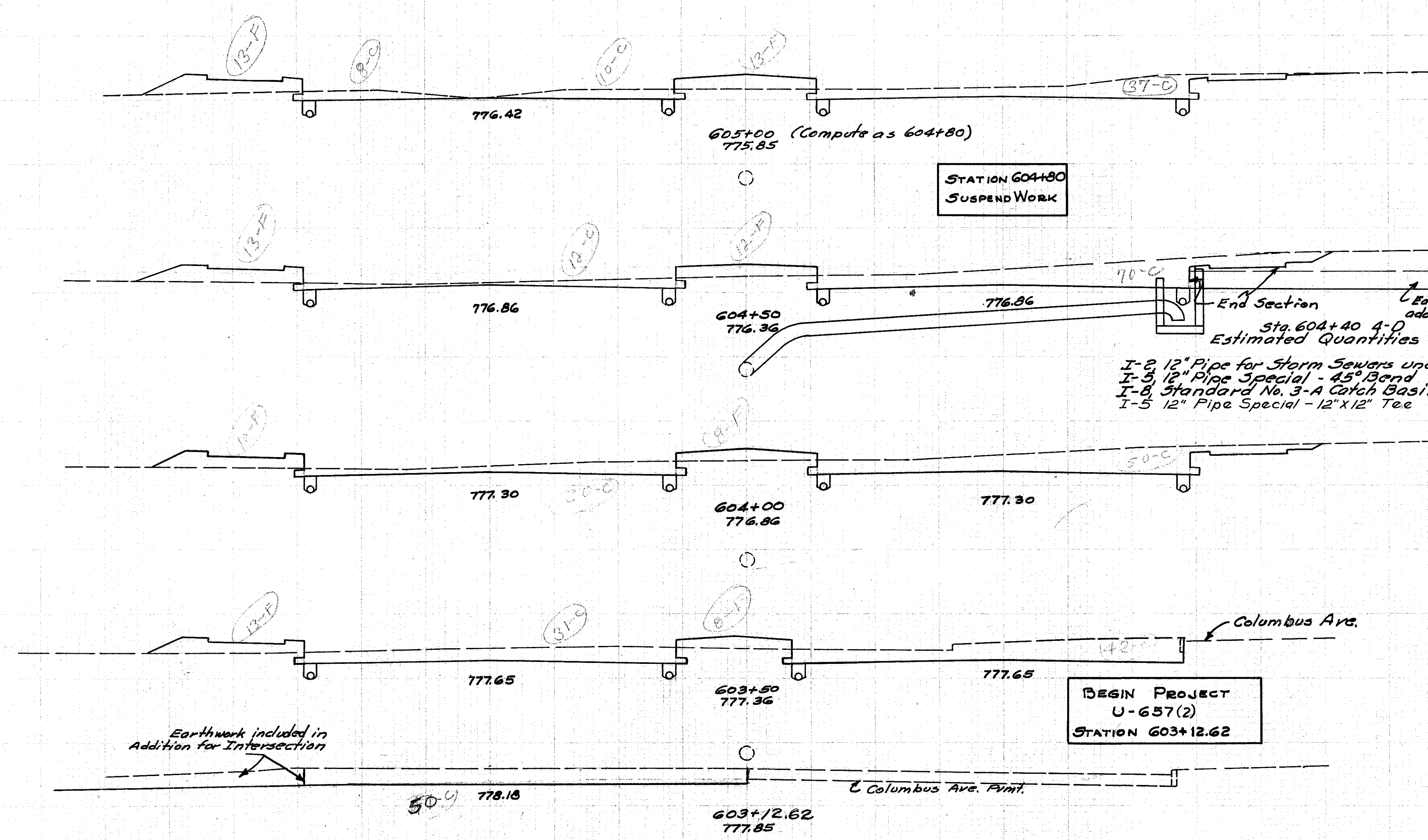
SEEDING
WINDY OR YARD

29
966
29
158
28
128
18
-18
1234

FEDERAL AID 27
U-657(1)U-646(2) POST 98
U-646(1)U-1002(1) WAR

HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-0.00

END AREA		Cu. Yds	
CUT	FILL	CUT	FILL
55	26		
		76	28
82	25		
		140	40
70	18		
		132	36
73	21		
		285	20
		87	20
50	0		
		31	0
0	0		
		33	0
		0	0

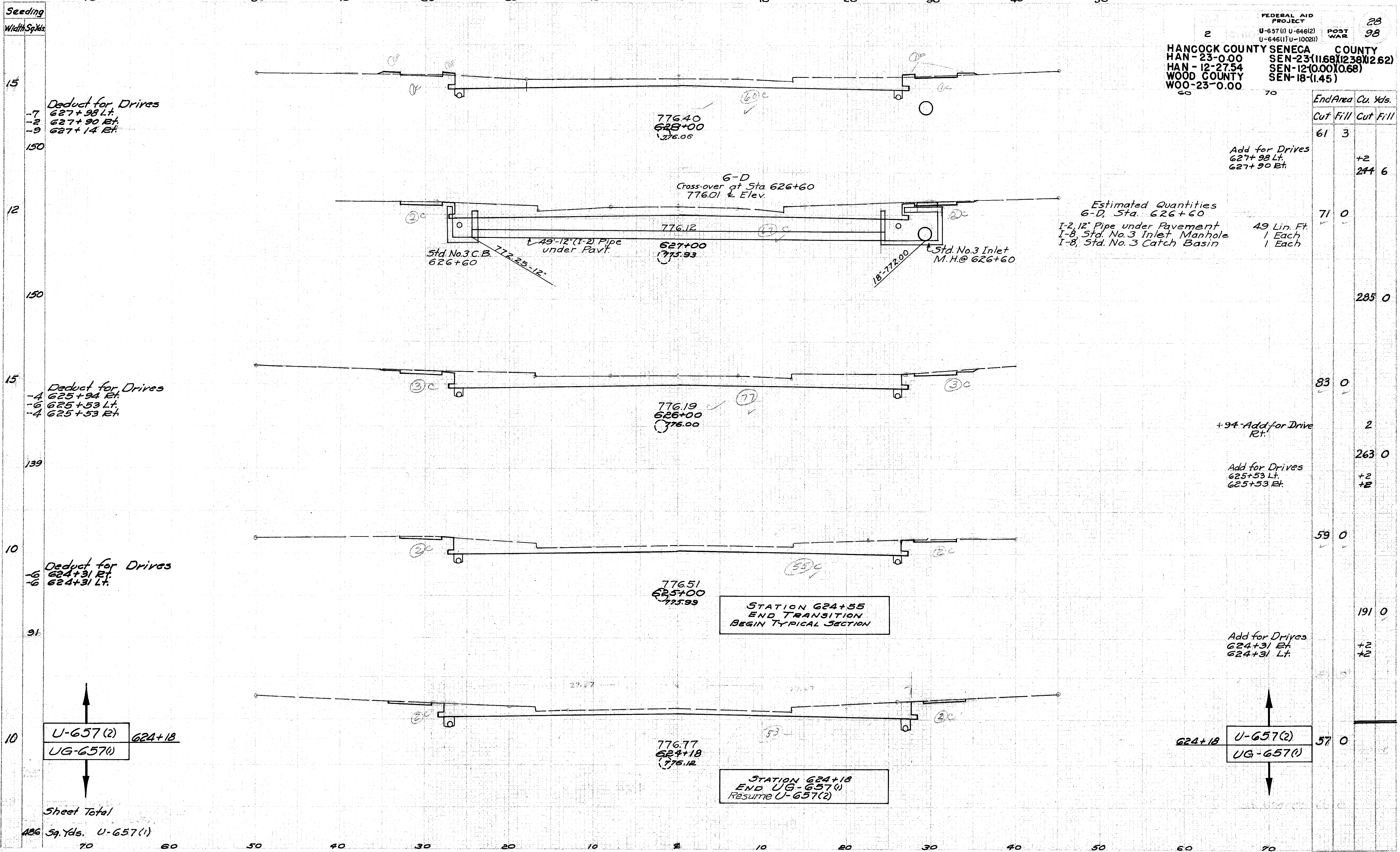


BEGIN PROJECT
U-657(2)
STATION 603+12.62

End Section
Sta. 604+40 4-D
Estimated Quantities
I-2 12" Pipe for Storm Sewers under pavement 30 Lin. Ft.
I-3 12" Pipe Special - 45° Bend 1 Each.
I-8 Standard No. 3-A Catch Basin (Mod.) 1 Each.
I-5 12" Pipe Special - 12" X 12" Tee 1 Each.

FEDERAL AID PROJECT
 U-657(1) U-646(2) POST WAR 28
 U-646(1) U-1002(1) 98

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(1168)(1238)(2.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00



Estimated Quantities
 6-D, Sta. 626+60
 1-2, 12" Pipe under Pavement 49 Lin. Ft.
 1-8, Std. No. 3 Inlet Manhole 1 Each
 1-8, Std. No. 3 Catch Basin 1 Each

End Area	Cu. Yds.	
	Cut	Fill
61	3	
		+2
		244 6
71	0	
		285 0
83	0	
		2
		263 0
		+2
		+2
59	0	
		191 0
		+2
		+2
57	0	

Deduct for Drives
 -7 627+98 Lt.
 -2 627+90 Rt.
 -9 627+14 Rt.

Deduct for Drives
 -4 625+94 Rt.
 -6 625+53 Lt.
 -4 625+53 Rt.

Deduct for Drives
 -6 624+31 Rt.
 -6 624+31 Lt.

Add for Drives
 627+98 Lt.
 627+90 Rt.

+94 Add for Drive Rt.

Add for Drives
 625+53 Lt.
 625+53 Rt.

Add for Drives
 624+31 Rt.
 624+31 Lt.

U-657(2) 624+18
 UG-657(1)

624+18 U-657(2)
 UG-657(1)

Sheet Total
 186 Sq. Yds. U-657(1)

STATION 624+55
 END TRANSITION
 BEGIN TYPICAL SECTION

STATION 624+18
 END UG-657(1)
 Resume U-657(2)

Seeding
Width Sq Yds

10
11
10
156
18
177
11
130
15

70 60 50 40 30 20 10 0 10 20 30 40 50

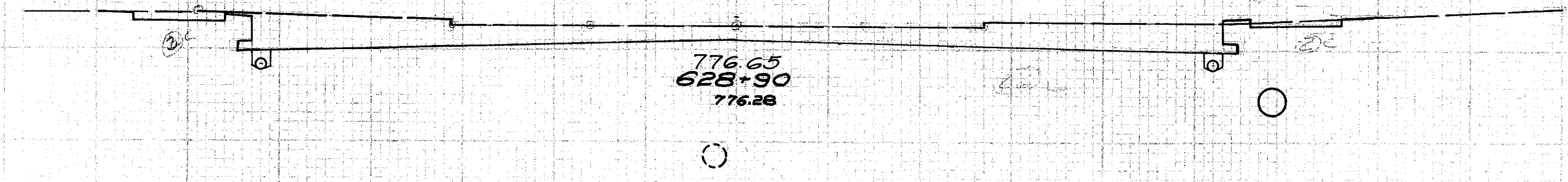
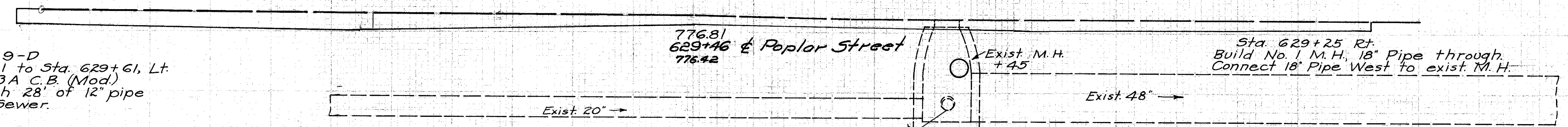
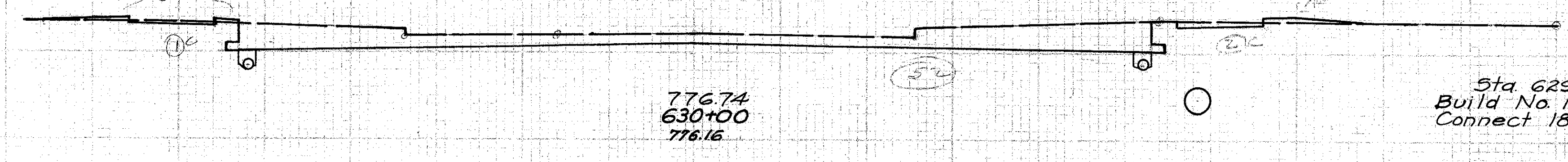
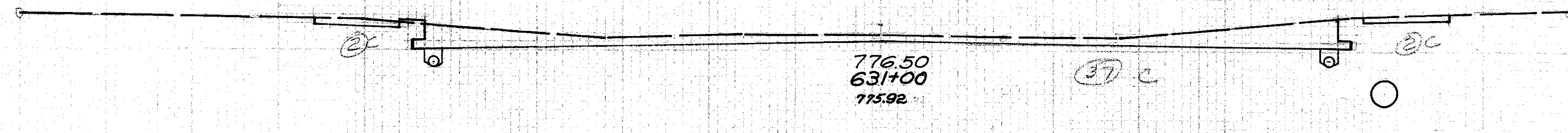
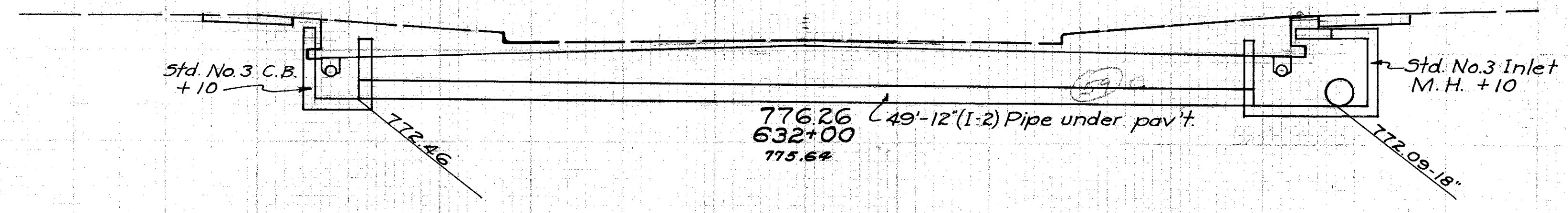
FEDERAL AID PROJECT
U-657(1)U-646(2) POST 29
U-646(1)U-1002(1) WAR 98

2

HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12-(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)

End Area Cu. Yds.	
Cut	Fill
59	0
	185
41	0
	+2
	+2
	178
	4
55	2
	110
	257
	6
71	1
	220
	7
	628+00
	61
	3

14-D, Sta. 632+10
ESTIMATED QUANTITIES
I-2, 12" Pipe under Pavement 49 Lin. Ft.
I-8, Std. No. 3 Inlet Manhole 1 Each
I-8, Std. No. 3 Catch Basin 1 Each



Deduct for Drives
631+00 Rt.
631+00 Lt.

-20 Deduct for Intersection
Poplar Street

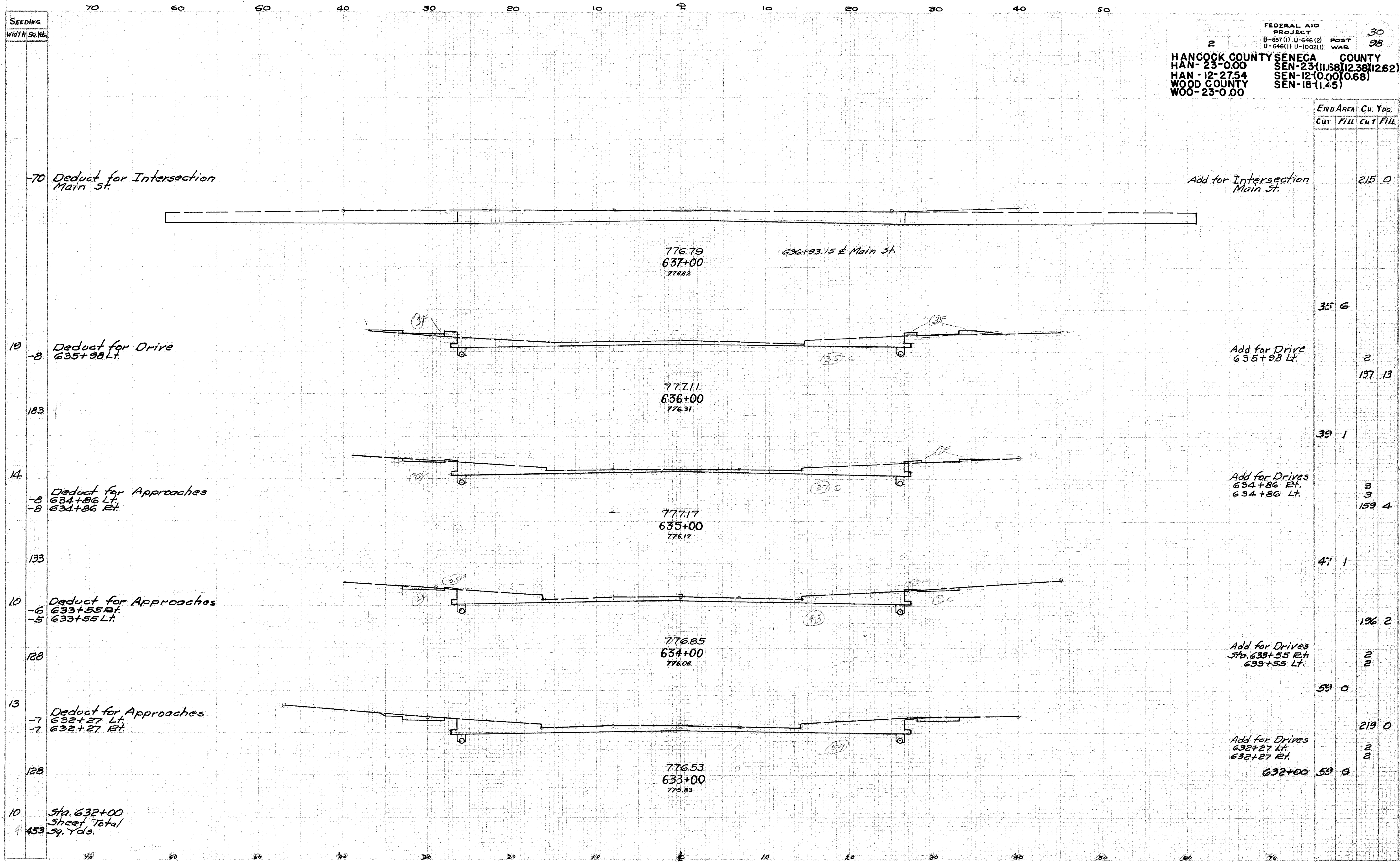
9-D
Sta. 629+31 to Sta. 629+61, Lt.
Build 2 No. 3A C.B. (Mod.)
Connect with 28' of 12" pipe
through 48" sewer.

Sta. 628+00
Sheet Total
543 Sq. Yds.

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

FEDERAL AID PROJECT 30
 U-657(1) U-646(2) POST 38
 U-646(1) U-1002(1) WAR

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00



END AREA		Cu. Yds.	
Cut	Fill	Cut	Fill
		215	0
		35	6
		2	
		137	13
		39	1
		3	
		3	
		159	4
		47	1
		196	2
		2	
		2	
		59	0
		219	0
		2	
		2	
		59	0

-70 Deduct for Intersection Main St.

Add for Intersection Main St.

636+93.15 E Main St.

776.79
637+00
776.82

-8 Deduct for Drive 635+98 Lt.

Add for Drive 635+98 Lt.

777.11
636+00
776.31

-8 Deduct for Approaches 634+86 Lt. 634+86 Rt.

Add for Drives 634+86 Rt. 634+86 Lt.

777.17
635+00
776.17

-6 Deduct for Approaches 633+55 Rt. 633+55 Lt.

Add for Drives Sta. 633+55 Rt. 633+55 Lt.

776.85
634+00
776.06

-7 Deduct for Approaches 632+27 Lt. 632+27 Rt.

Add for Drives 632+27 Lt. 632+27 Rt.

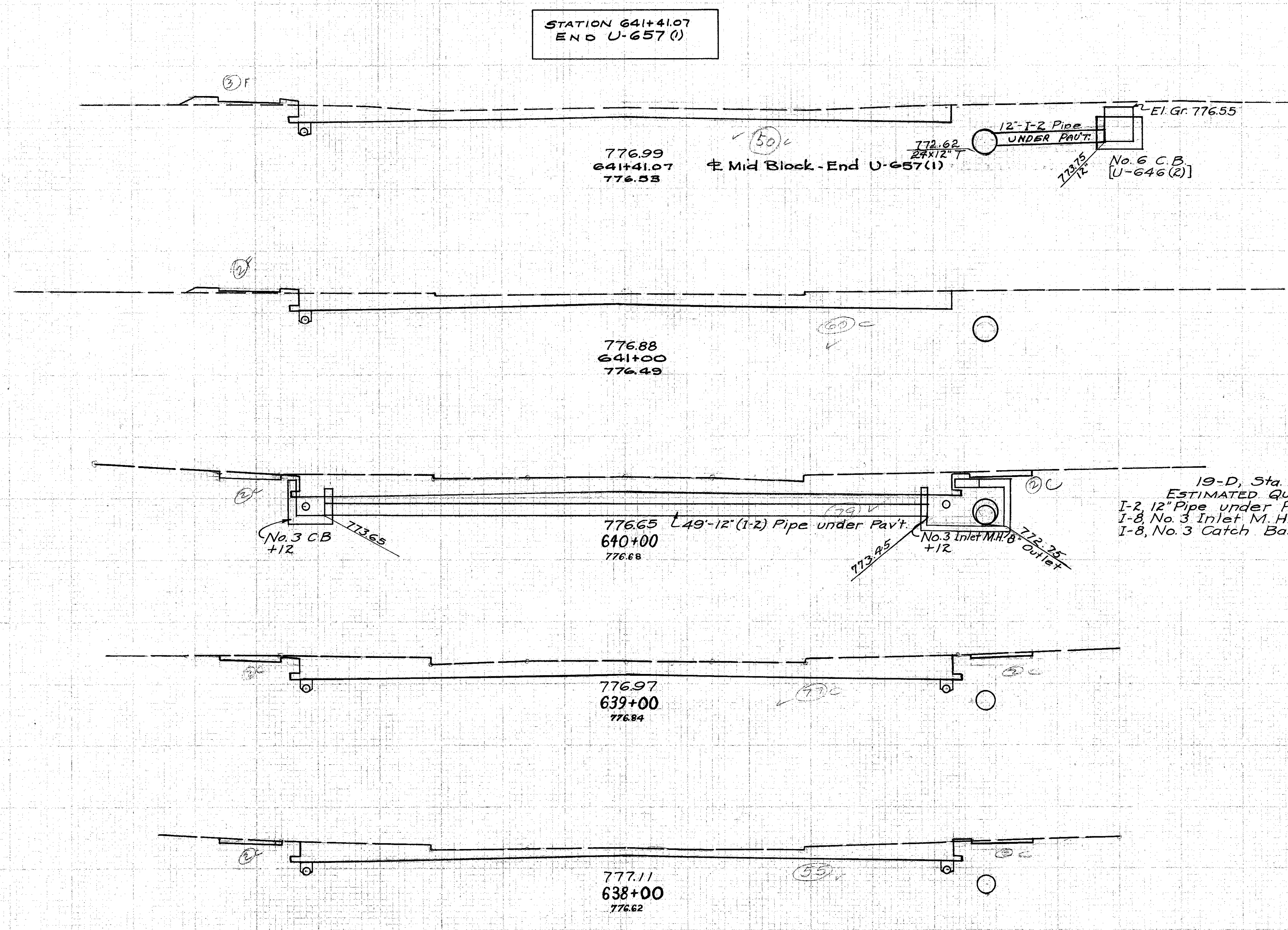
776.53
633+00
775.83

Sta. 632+00
Sheet Total
453 Sq. Yds.

FEDERAL AID PROJECT 31
 U-657 (1) U-646 (2) POST WAR 93
 U-646 (1) U-1002 (1)
HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(1168)(1238)(12.62)
 HAN-12-2754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

SEEDING
 Width Se Yds
 8
 108
 12
 56
 11
 117
 10
 133
 14
 366
 19
 Sta. 636+00
 Sheet Total
 737 39 Yds.

END AREA		Cu. Yds.	
CUT	FILL	CUT	FILL
	50	3	
		84	9
	60	2	
		+2	+2
		265	4
	83	0	
		3	3
		304	0
	81	0	
		4	2
		259	0
	59	0	
		174	11
		174	11
	sta. 636+00	35	6



STATION 641+41.07
 END U-657 (1)

640+44
 Deduct for Approaches
 -8 640+32 Lt.
 -8 640+32 Rt.

Deduct for Approaches
 -5 639+14 Lt.
 -5 639+14 Rt.

Deduct for Drives
 -11 638+27 Lt.
 -6 638+17 Rt.

Add for Drives
 640+32 Lt.
 640+32 Rt.

19-D, Sta. 640+12
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavt. 49 Lin. Ft.
 I-8, No. 3 Inlet M.H. 1 Each
 I-8, No. 3 Catch Basin 1 Each

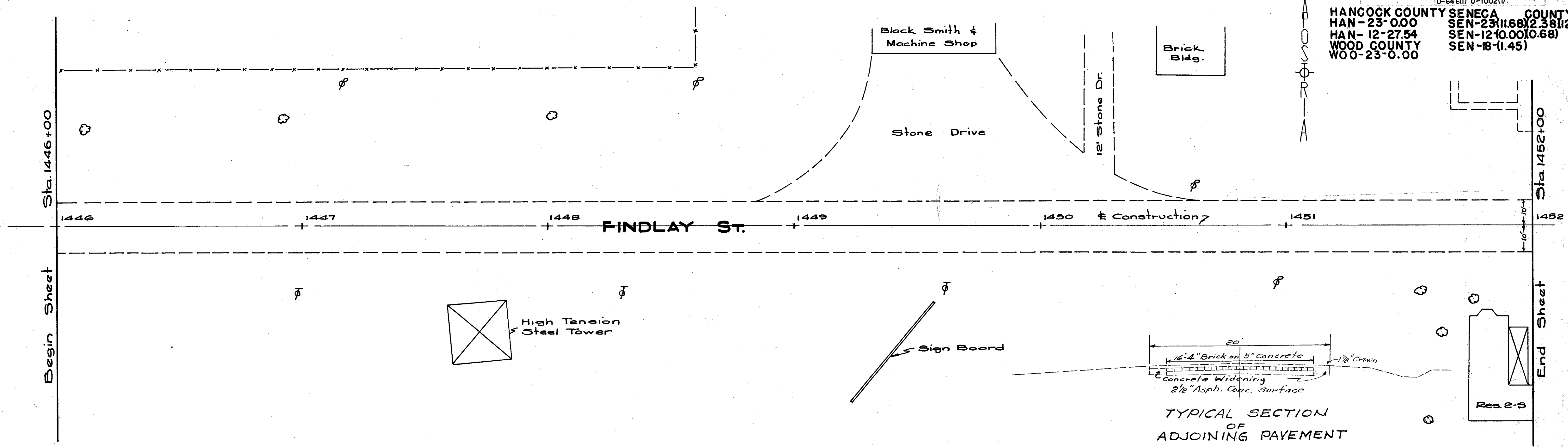
Add for Drives
 639+14 Lt.
 639+14 Rt.

Add for Drives
 638+27 Lt.
 638+17 Rt.

sta. 636+00 35 6

HANCOCK COUNTY
HAN-23-000
HAN-12-27.54
WOOD COUNTY
WOO-23-0.00

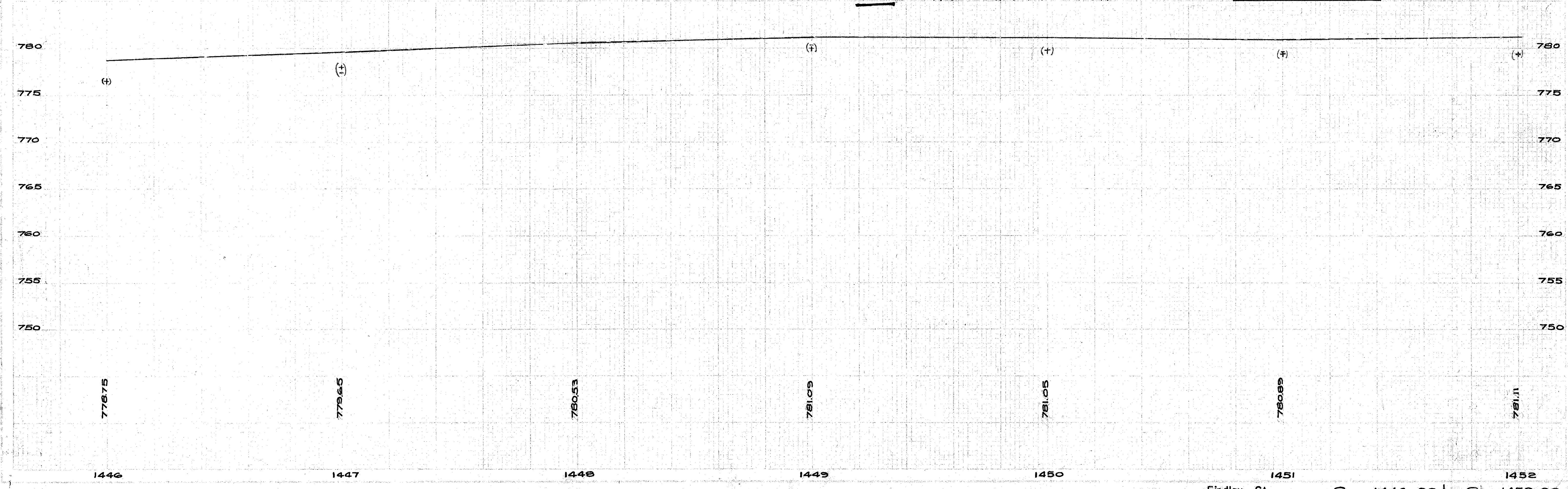
SENECA COUNTY
SEN-23(11.68)(2.38)(12.62)
SEN-12(10.00)(0.88)
SEN-18(1.45)



TYPICAL SECTION OF ADJOINING PAVEMENT

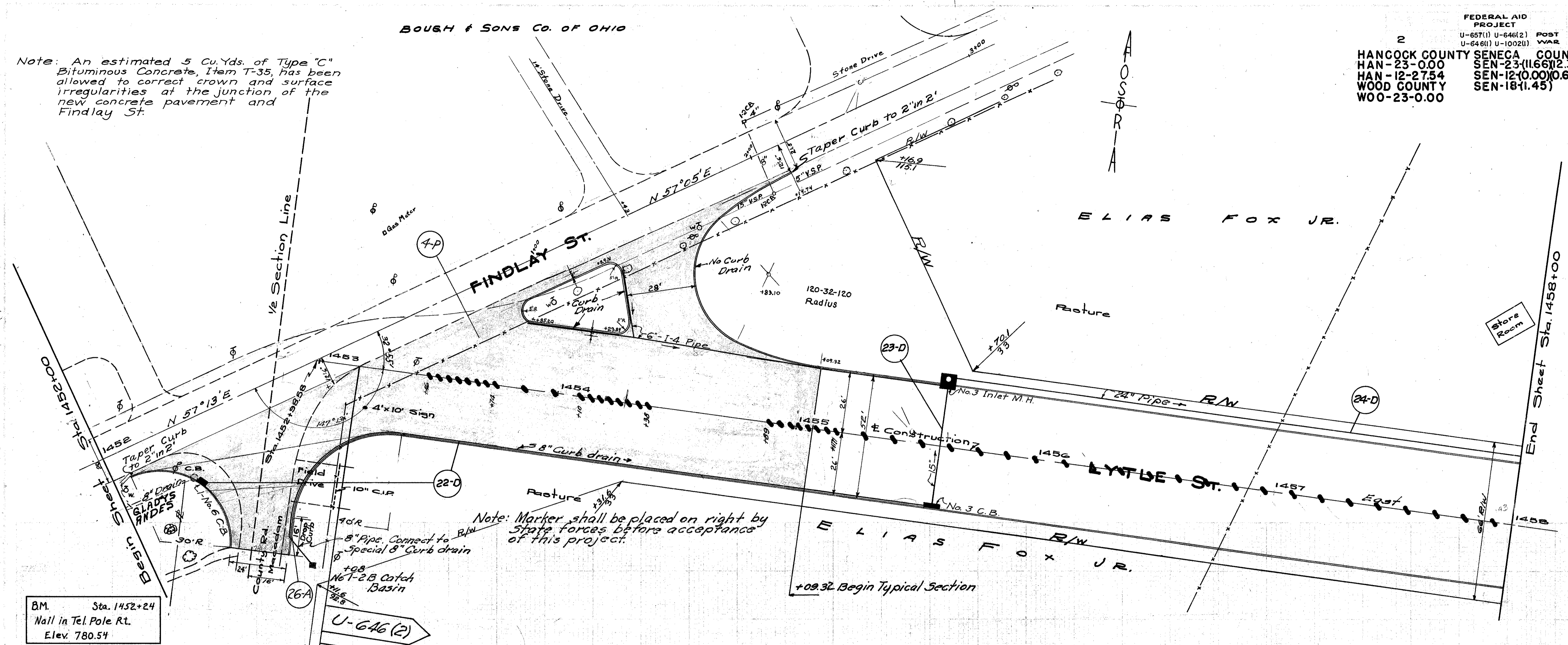
B.M. Sta 1451+80
S.E. Corner Bottom Step Lt.
Elev. 781.33

Note: No Work On This Sheet.



HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-11.66(12.38)(2.62)
HAN-12-27.54 SEN-12-0.00(0.68)
WOOD COUNTY SEN-18-1.45
WOO-23-0.00

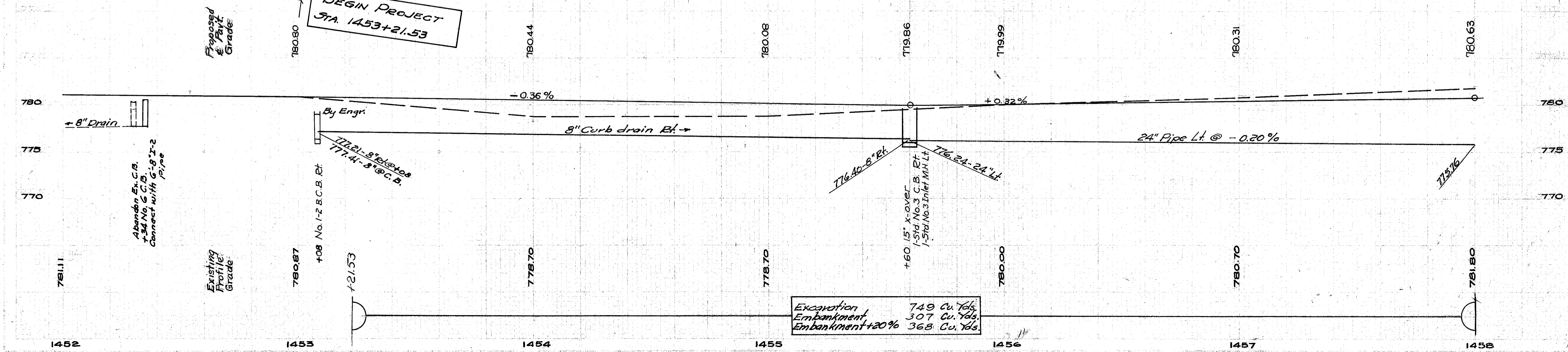
Note: An estimated 5 Cu. Yds. of Type "C" Bituminous Concrete, Item T-35, has been allowed to correct crown and surface irregularities at the junction of the new concrete pavement and Findlay St.



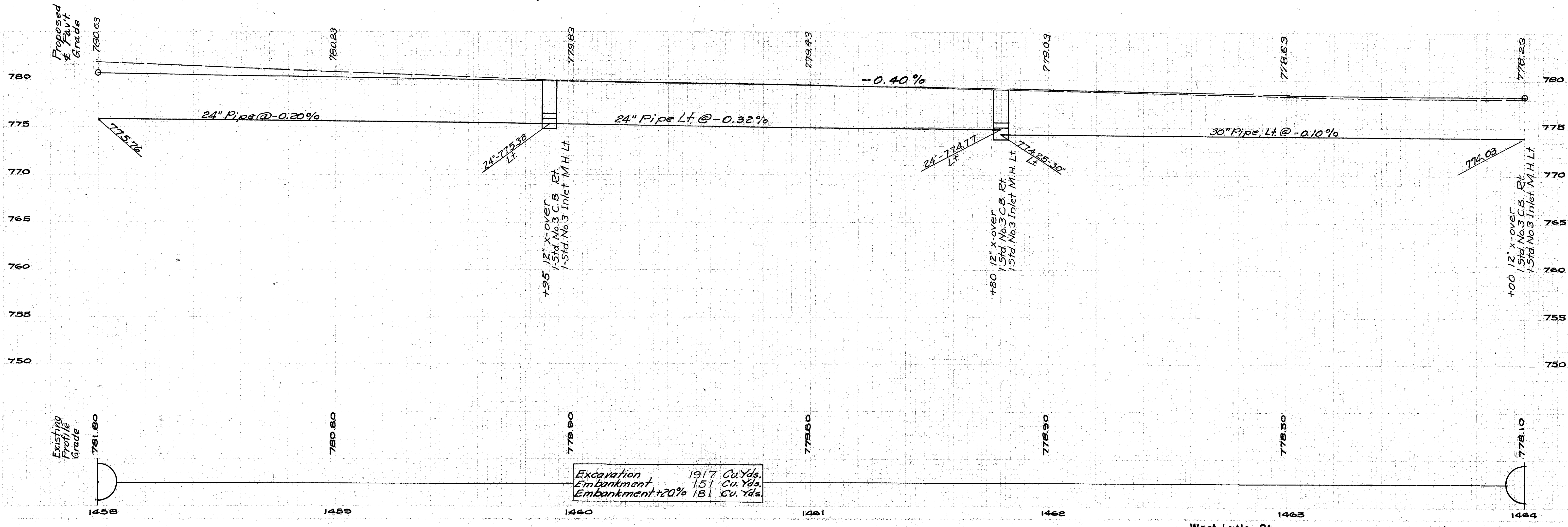
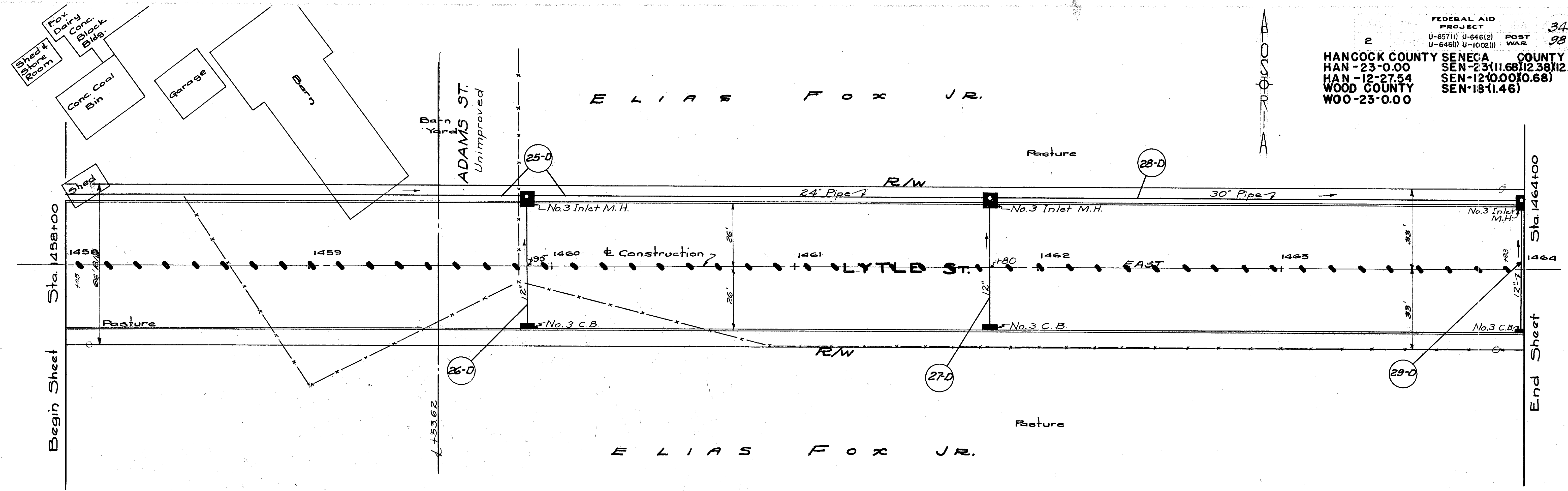
B.M. Sta. 1452+24
Nail in Tel. Pole Rt.
Elev. 780.54

U-646 (2)
BEGIN PROJECT
STA. 1453+21.53

Note: Marker shall be placed on right by State forces before acceptance of this project.

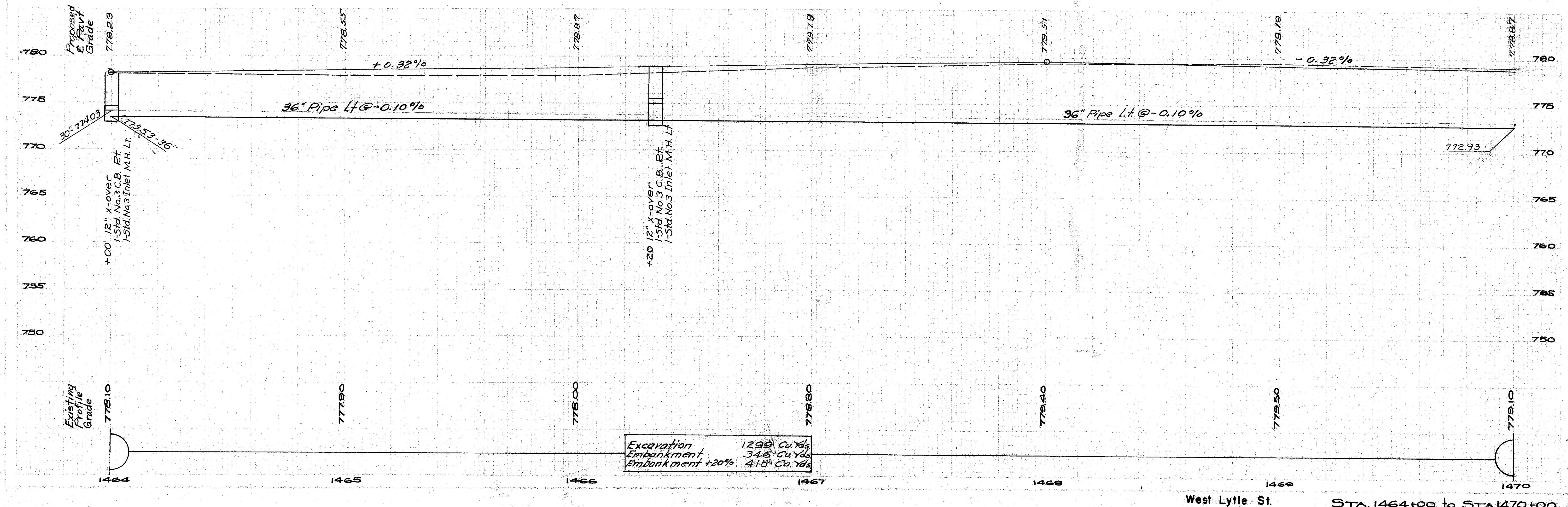
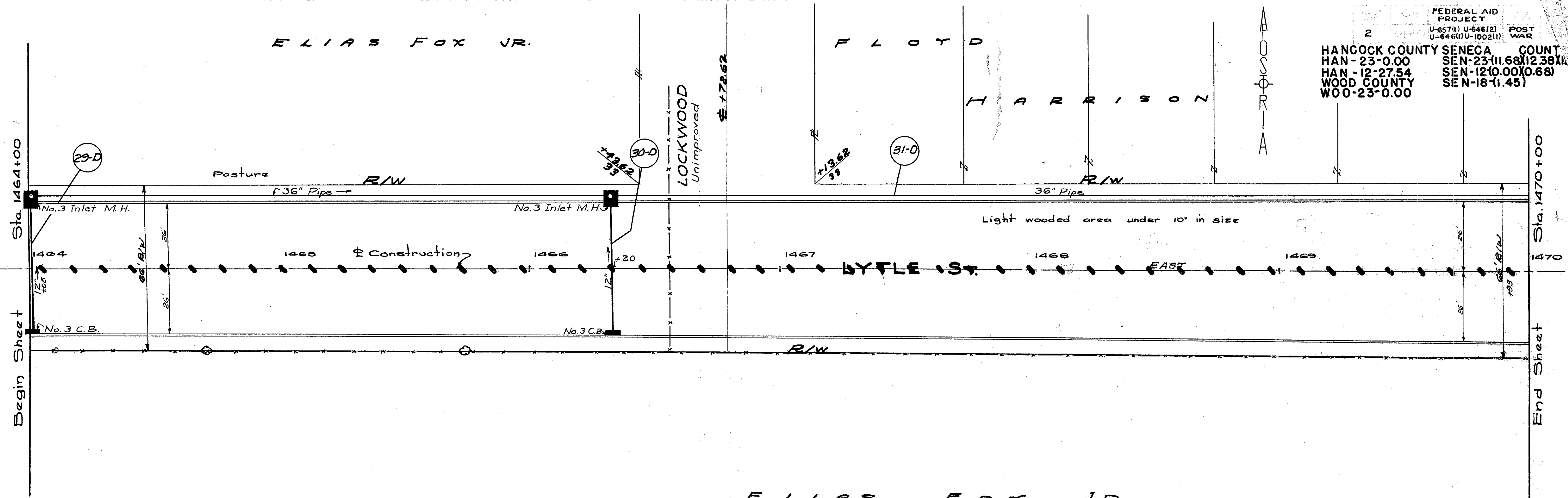


Excavation 749 Cu. Yds.
Embankment 307 Cu. Yds.
Embankment +20% 368 Cu. Yds.



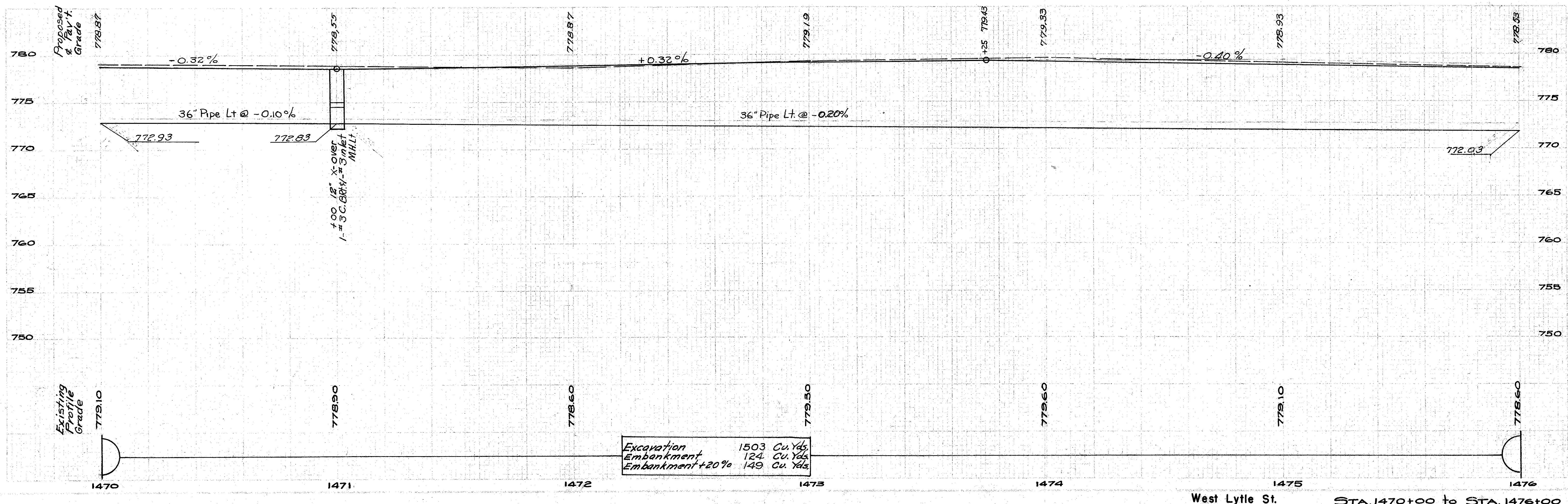
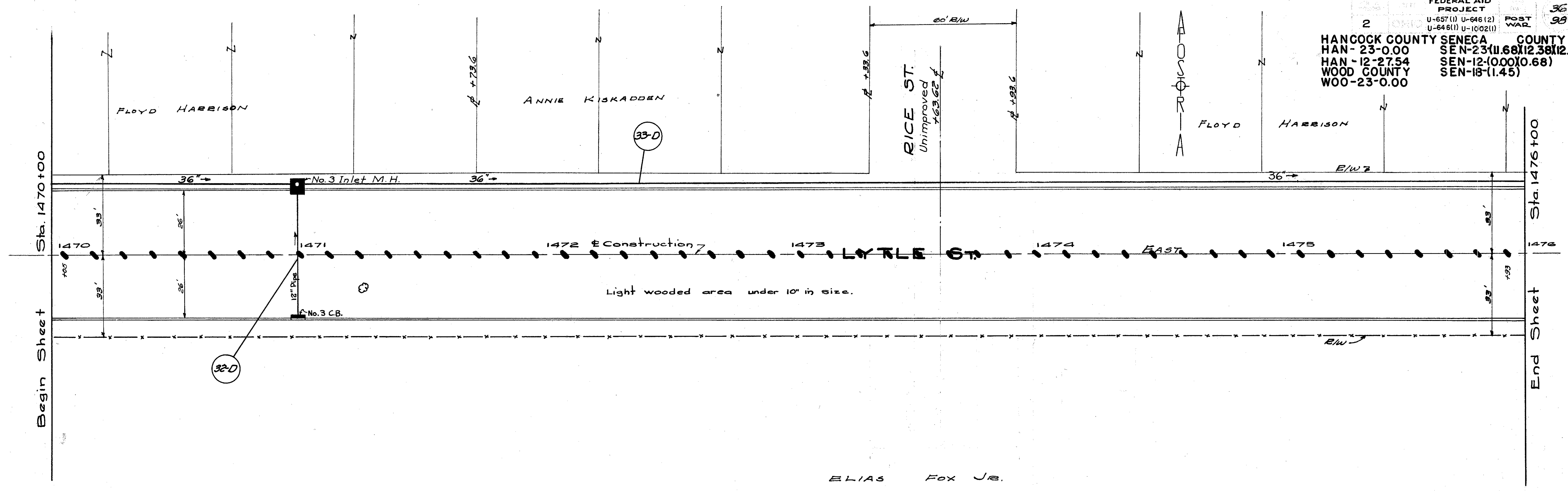
Excavation	1917 Cu. Yds.
Embankment	151 Cu. Yds.
Embankment +20%	181 Cu. Yds.

FEDERAL AID PROJECT
 U-657(1) U-646(2) POST
 U-646(1) U-1002(1) WAR
 2
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)
 HAN-12-27.54 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)

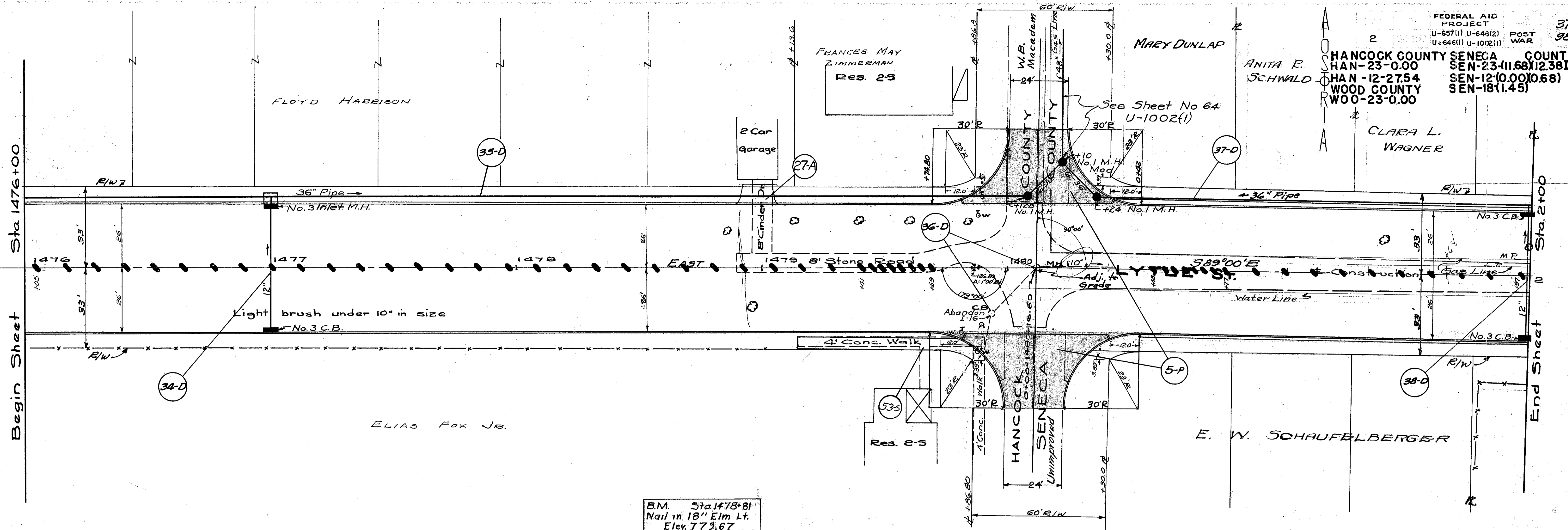


Excavation	1290	Cu. Yds.
Embankment	346	Cu. Yds.
Embankment +20%	415	Cu. Yds.

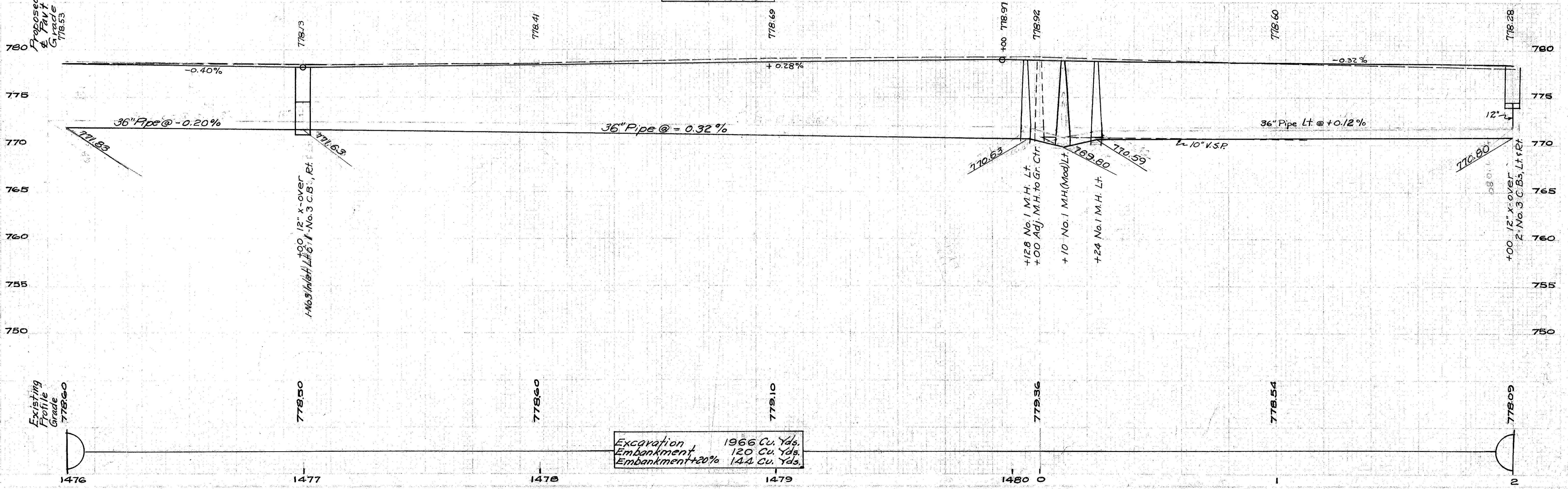
HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-13-(1.45)
 WOO-23-0.00



HANCOCK COUNTY SENEGA COUNTY
 HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

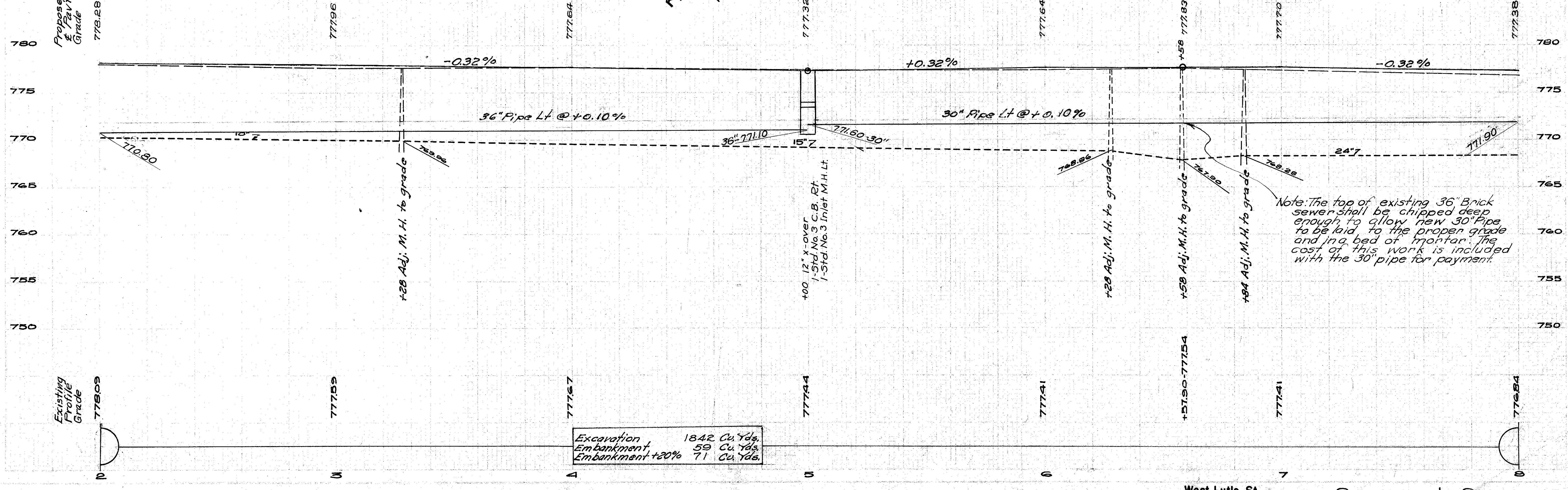
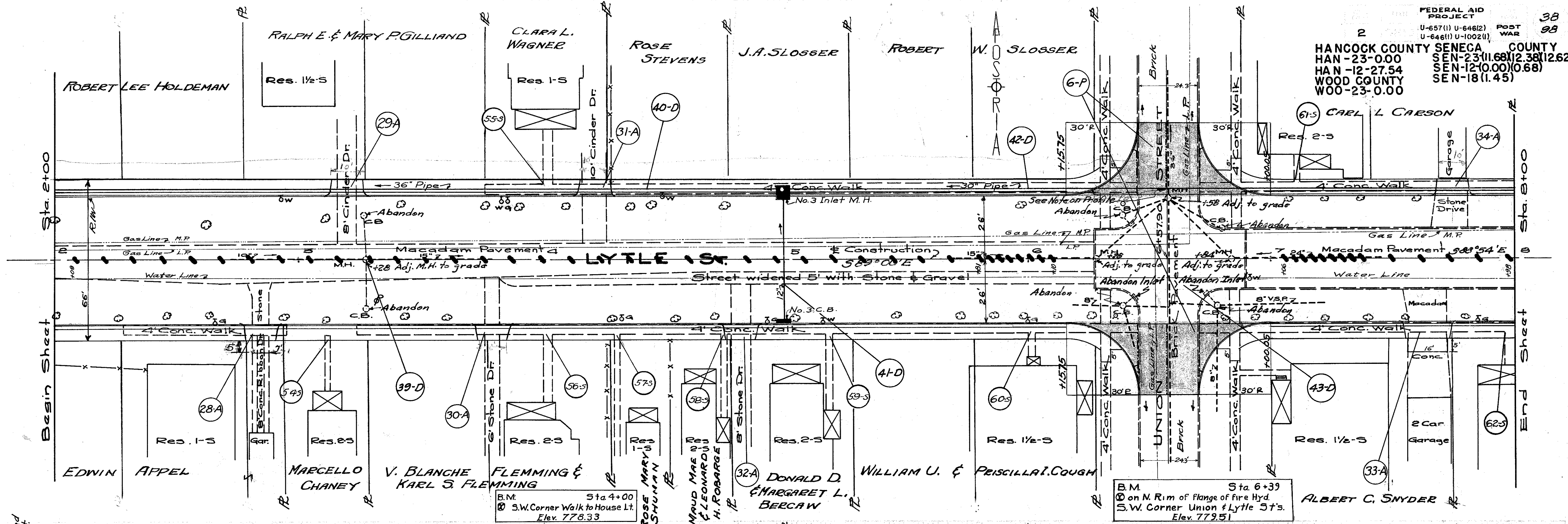


B.M. Sta. 1478+81
 Nail in 18" Elm Lt.
 Elev. 779.67



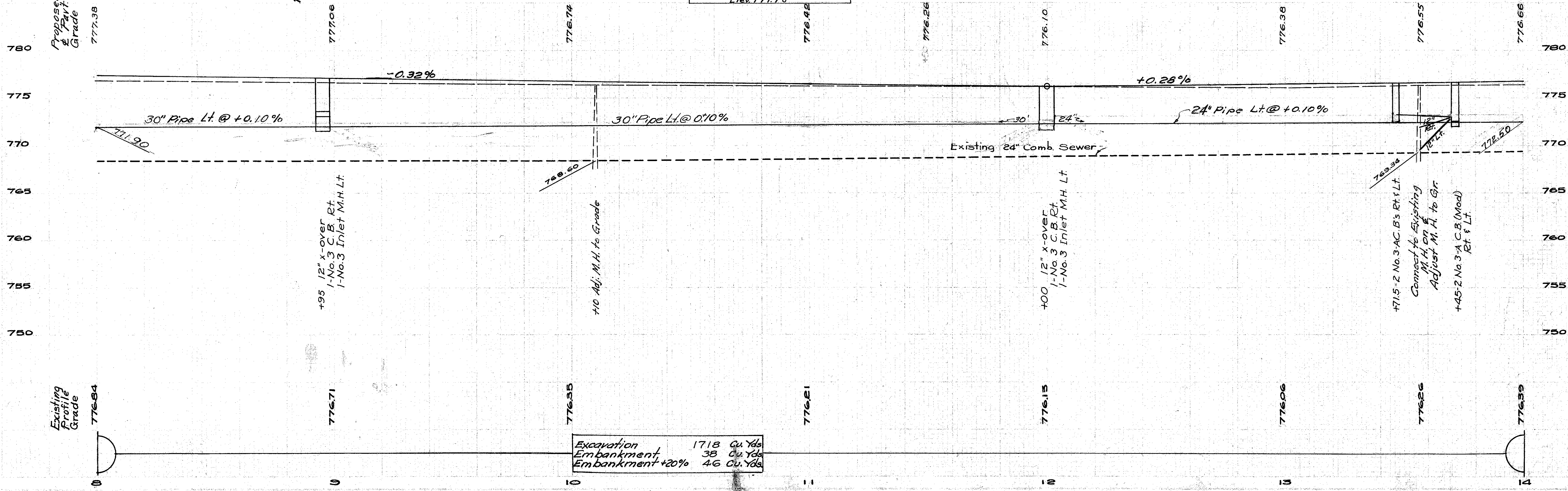
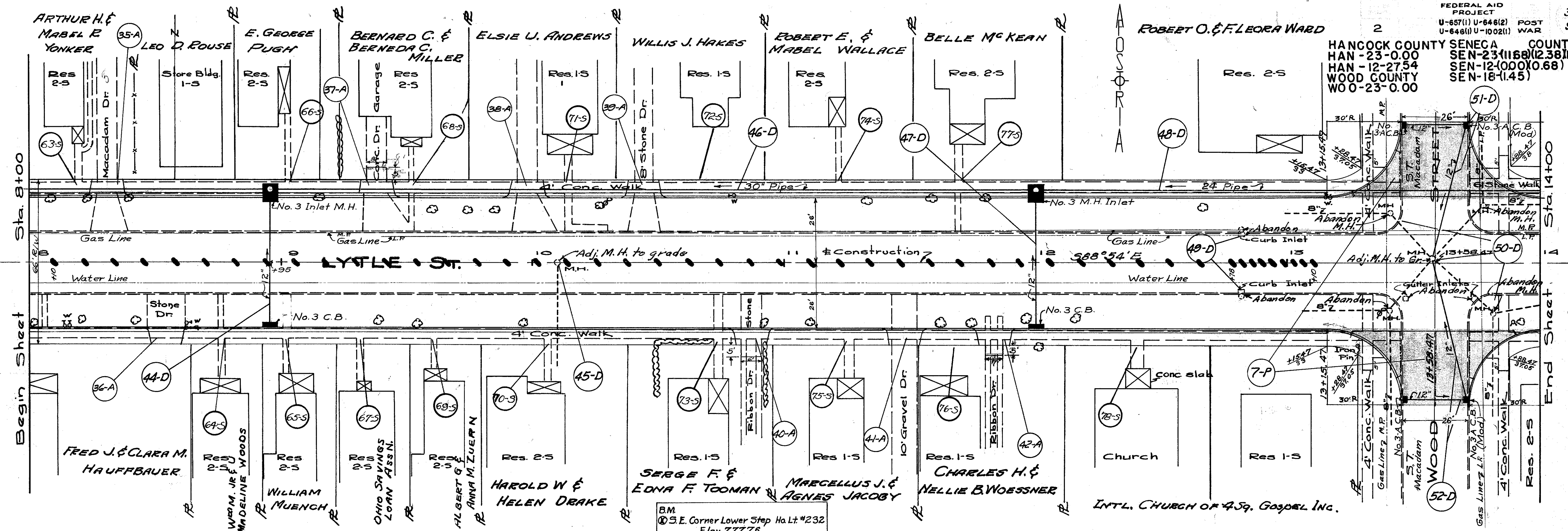
Excavation 1966 Cu. Yds.
 Embankment 120 Cu. Yds.
 Embankment +20% 144 Cu. Yds.

2
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-000 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-000

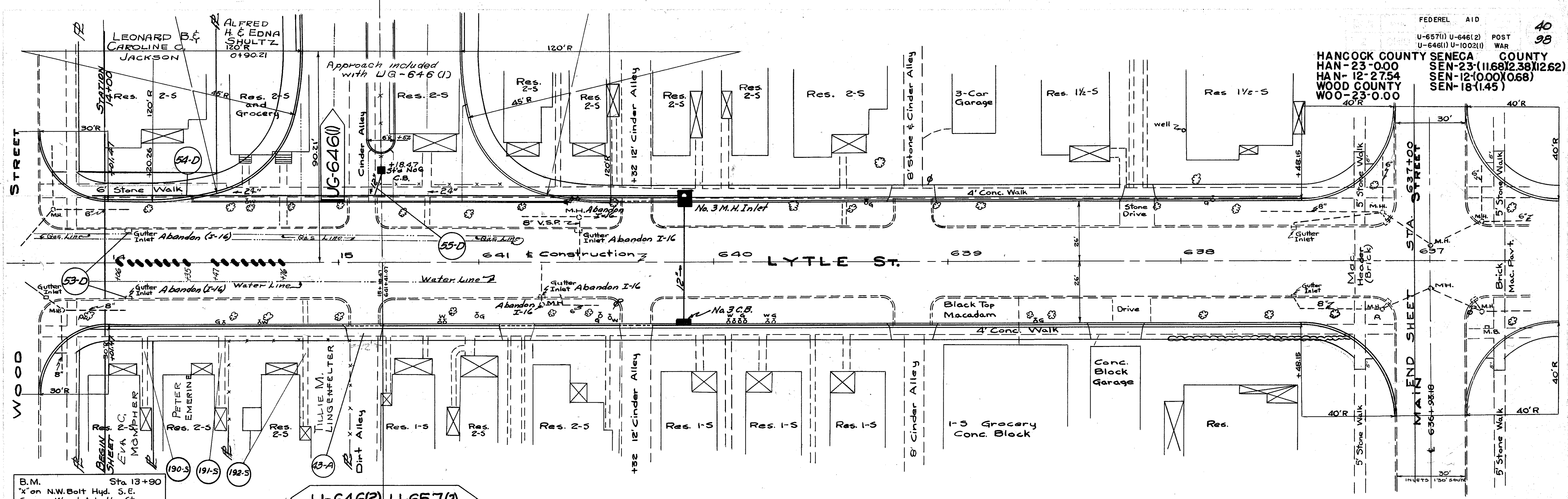


Excavation	1842 Cu. Yds.
Embarkment	59 Cu. Yds.
Embarkment +20%	71 Cu. Yds.

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(1168)(12.38)(12.62)
 HAN-12-27.54 SEN-12(1000)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

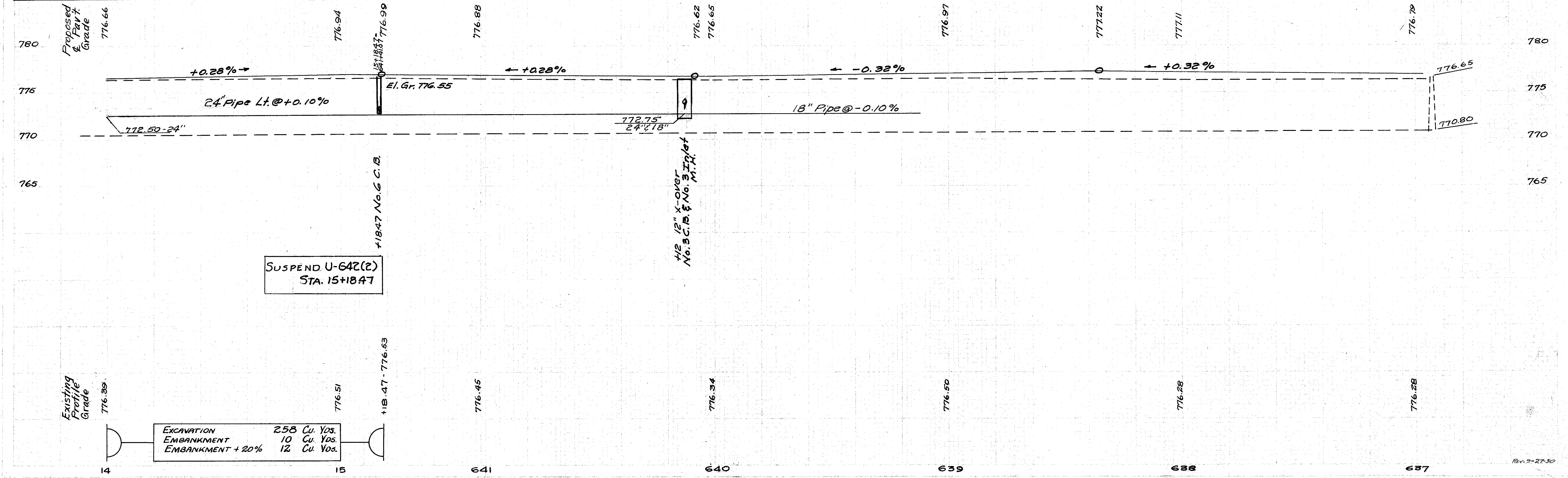


HANCOCK COUNTY SENeca COUNTY
 HAN-23-000 SEN-23-(11.68)(2.38)(2.62)
 WOOD COUNTY WOOD COUNTY
 WOO-23-0.00 SEN-12-(0.00)(0.68)
 SEN-18-(1.45)



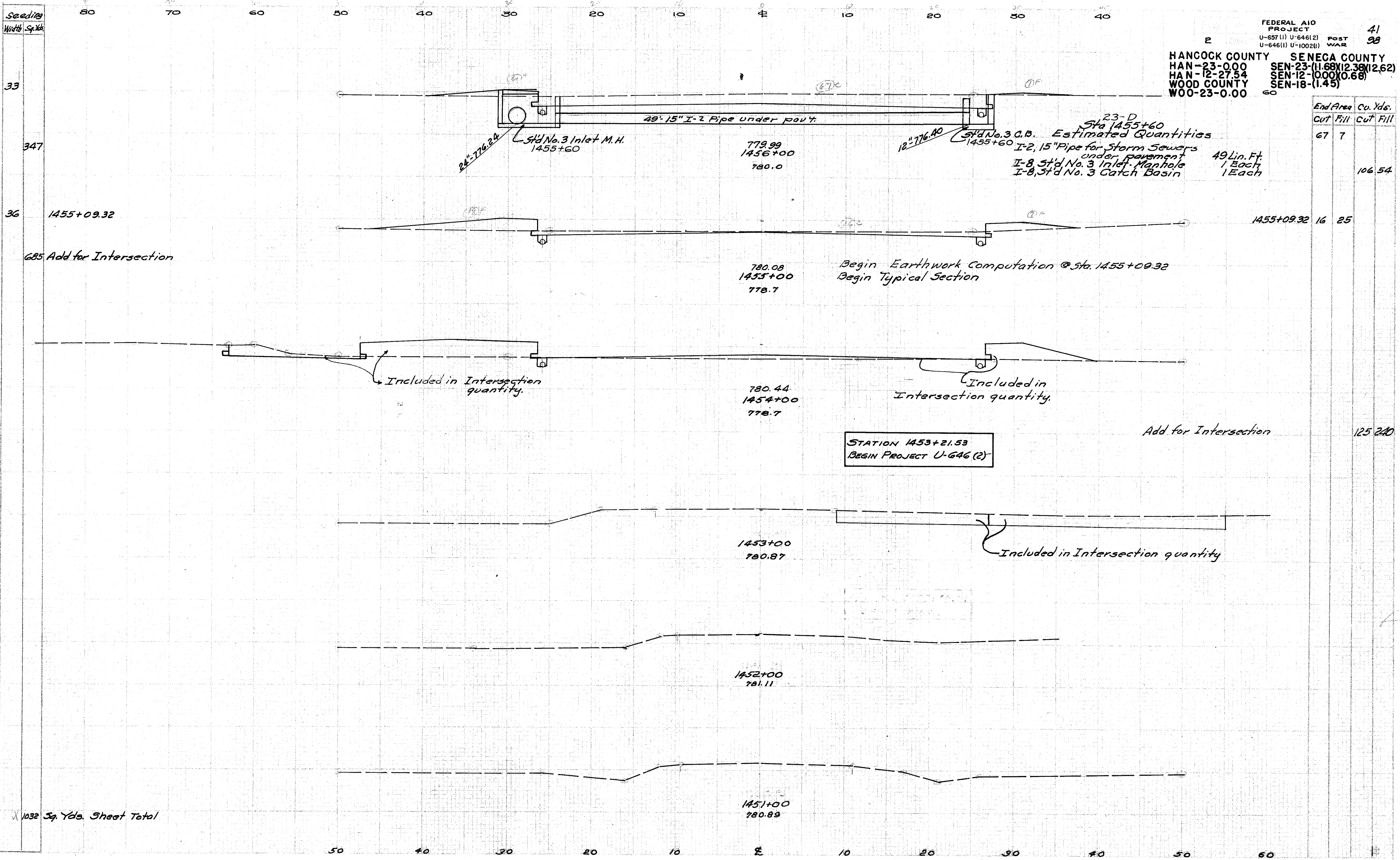
B.M. Sta. 13+90
 'x' on N.W. Belt Hyd. S.E.
 Corner Wood & Lytle Sfs.
 Elev. 778.37

U-646(2) U-657(2)



FEDERAL AID PROJECT
 U-657 (1) U-646 (2) POST 41
 U-646 (1) U-1002 (1) WAR 99

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 W00-23-0.00 60



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
67	7		
			106.54
		16	25
			125.240

Seeding
 Width Sp. Yds.

33

347

36

1455+09.32

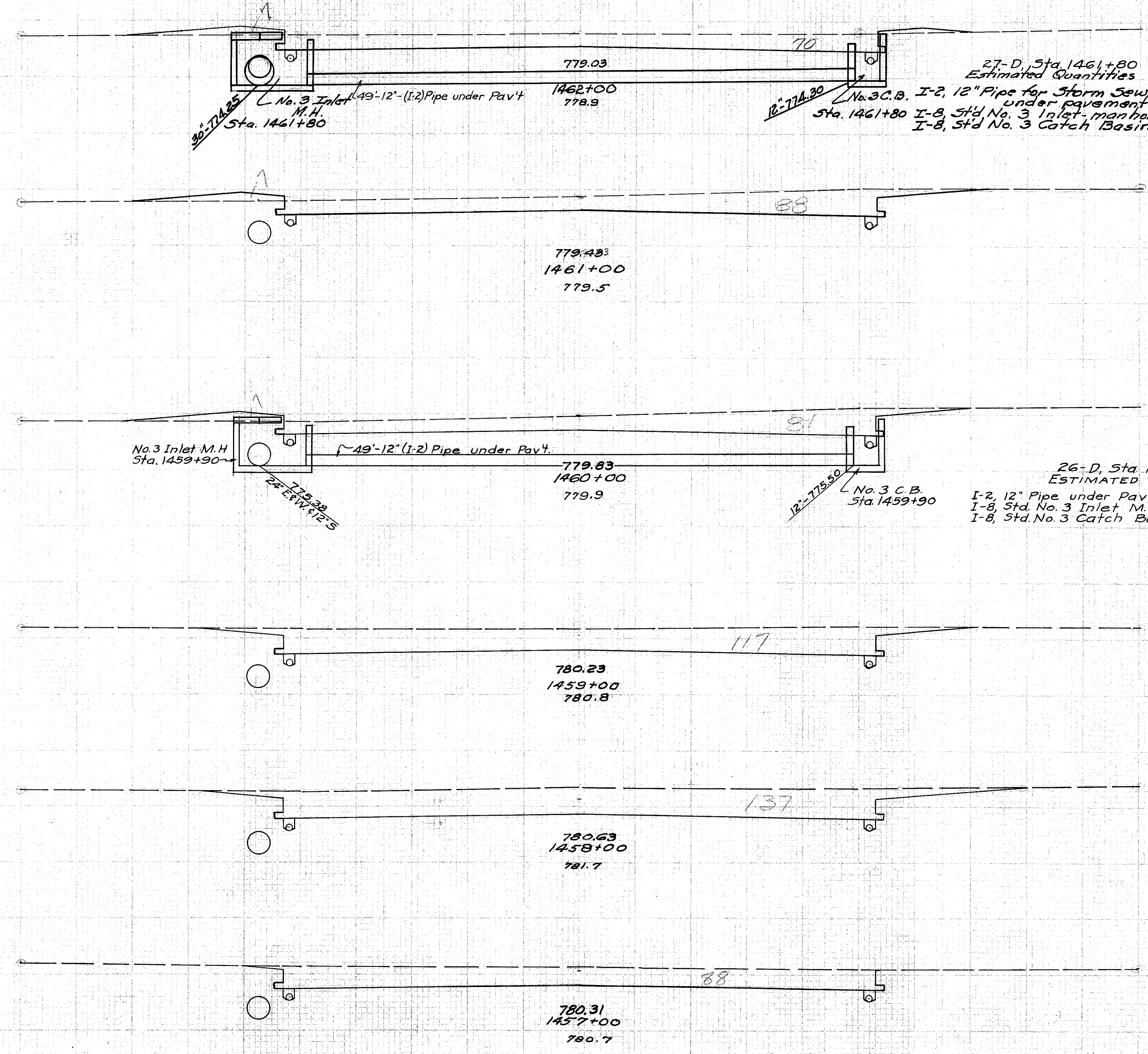
685 Add for Intersection

1032 Sp. Yds. Sheet Total

Seeding
Width Sq. Yds.

31
356
33
383
36
344
26
311
30
278
20
294
33

70 60 50 40 30 20 10 0 10 20 30 40 50



FEDERAL AID PROJECT 42
U-657(I) U-646(2) POST 98
U-646(U) U-1002(I) WAR

2

HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23-11.68(2.38)(2.62)
HAN-12-2754 SEN-12-10.00(0.68)
WOOD COUNTY SEN-18-1.45)
WOO-23-0.00

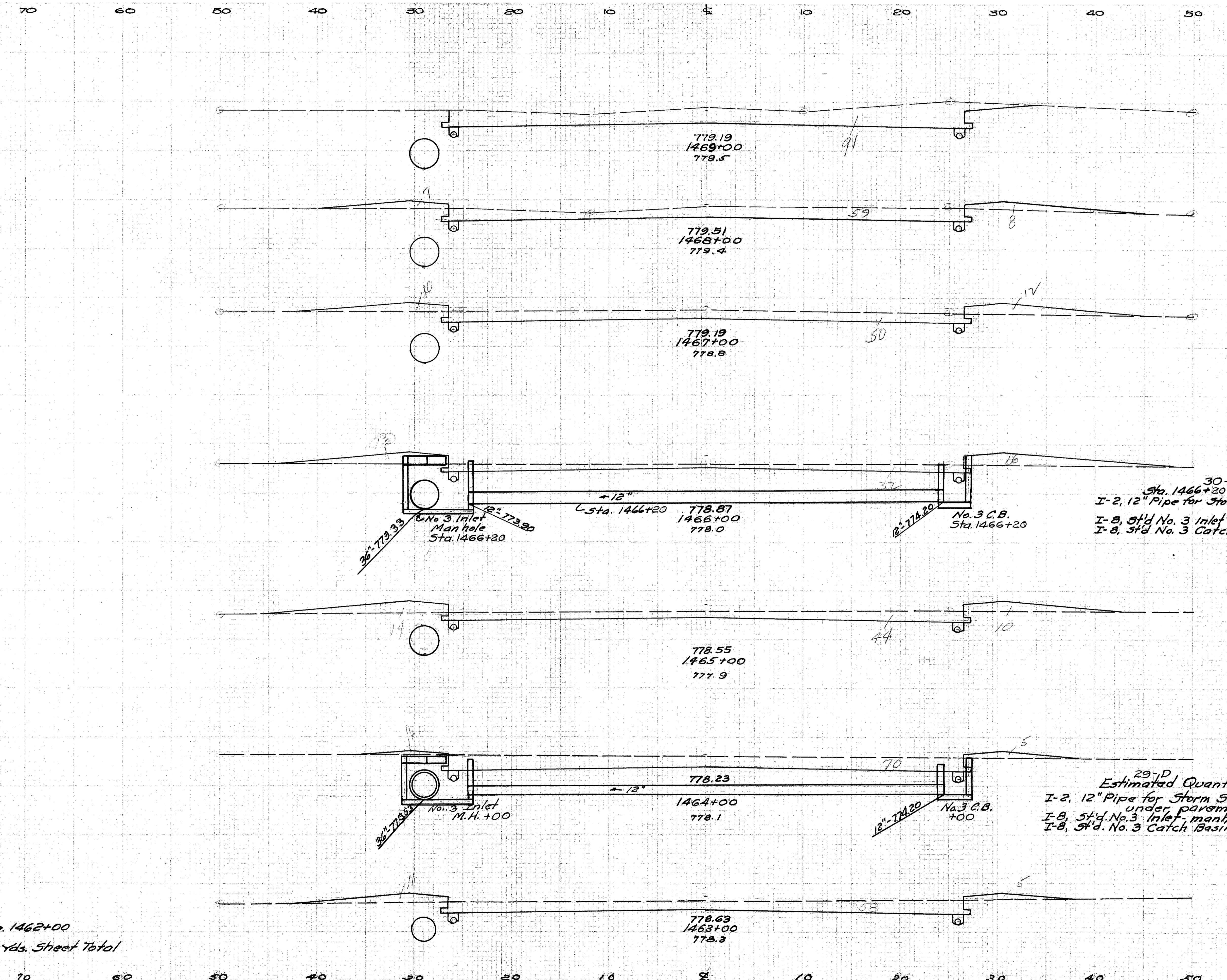
End Sta.	Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
1462+00	70	7		
			293	26
	88	7		
			313	26
	81	7		
			367	13
	117	0		
			470	0
	137	0		
			231	0
	88	0		
			287	13
1456+00	67	7		

Sta. 1456+00
1966 Sq. Yds Sheet Total

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

Seeding
Width Sp. No.

22
344
40
467
44
517
49
522
45
417
30
367
36
372
31



FEDERAL AID PROJECT 43
U-657(1) U-646(2) POST 98
U-646(1) U-1002(1) WAR

2

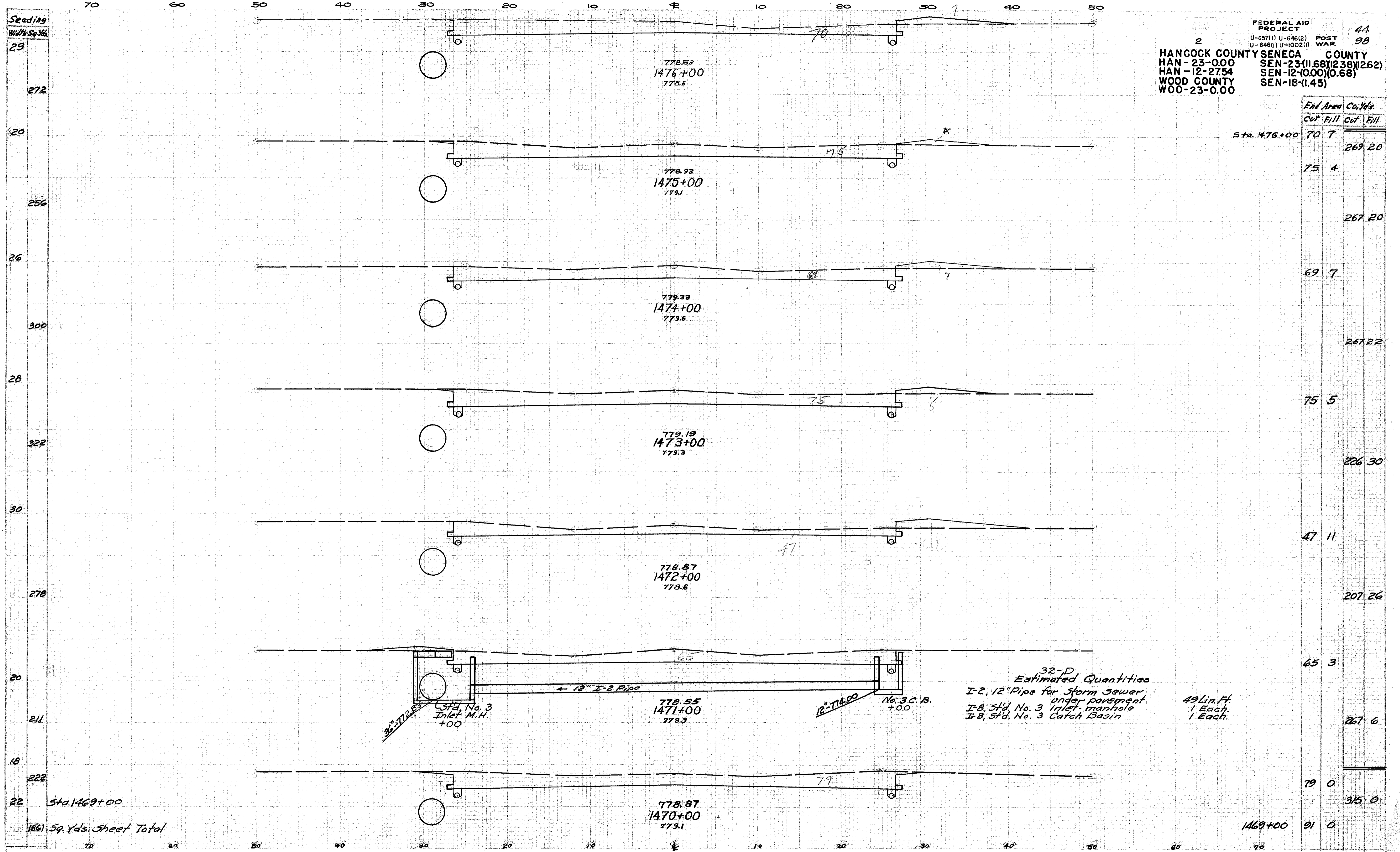
HANCOCK COUNTY SENeca COUNTY
HAN -23-0.00 SEN-23(11.68)(2.38)(12.62)
HAN -12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18(1.45)
WOO-23-0.00

Sta.	End Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
1469+00	91	0		
			278	28
	59	15		
			202	69
	50	22		
			152	94
	32	29		
			141	98
	44	24		
			211	57
	70	7		
			237	43
	58	16		
			237	43
1462+00	70	7		

30-D
Sta. 1466+20 - Estimated Quantities
I-2, 12" Pipe for Storm Sewer under pavement 49 Lin. Ft.
I-B, Std. No. 3 Inlet Manhole 1 Each.
I-B, Std. No. 3 Catch Basin 1 Each.

29-D
Estimated Quantities
I-2, 12" Pipe for Storm Sewer under pavement 49 Lin. Ft.
I-B, Std. No. 3 Inlet Manhole 1 Each.
I-B, Std. No. 3 Catch Basin 1 Each

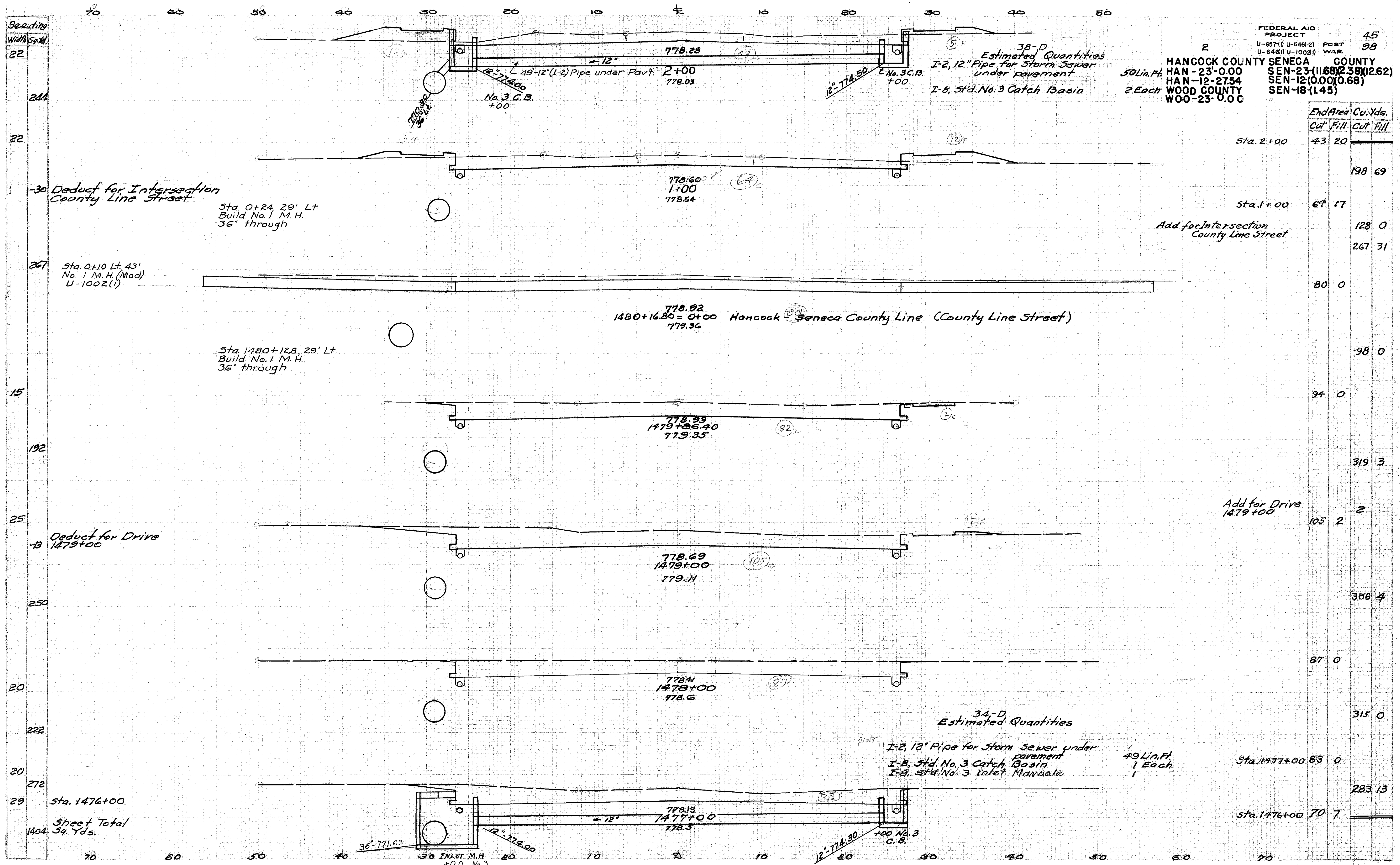
Sta. 1462+00
3006 Sq. Yds. Sheet Total



FEDERAL AID PROJECT
 U-657(1) U-646(2) POST 44
 U-646(1) U-1002(1) WAR 98
 2
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(262)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

Sta.	Est. Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
1476+00	70	7	269	20
	75	4		
			267	20
	69	7		
			267	22
	75	5		
			226	30
	47	11		
			207	26
	65	3		
			267	6
	79	0		
			315	0
1469+00	91	0		

Seeding
 Width Sq. Yds.
 29
 272
 20
 256
 26
 300
 28
 322
 30
 278
 20
 211
 18
 222
 22 Sta. 1469+00
 1861 Sq. Yds. Sheet Total



FEDERAL AID PROJECT
 U-657(1) U-646(2) POST 45
 U-646(1) U-1002(1) WAR 38

2	HANCOCK COUNTY	SENECA COUNTY
	HAN-23-0.00	SEN-23-(1168)2.38(12.62)
	HAN-12-27.54	SEN-12-(0.00)(0.68)
	WOOD COUNTY	SEN-18-(1.45)
	WOO-23-0.00	

Sta.	End Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
Sta. 2+00	43	20		
			198	69
Sta. 1+00	69	17		
			128	0
			267	31
	80	0		
			98	0
			94	0
			319	3
				2
	105	2		
			356	4
			87	0
			315	0
Sta. 1477+00	83	0		
			283	13
Sta. 1476+00	70	7		

38-D
 Estimated Quantities
 I-2, 12" Pipe for Storm Sewer under pavement
 I-8, Std. No. 3 Catch Basin
 50 Lin. Ft.
 2 Each

34-D
 Estimated Quantities
 I-2, 12" Pipe for Storm Sewer under pavement
 I-8, Std. No. 3 Catch Basin
 I-8, Std. No. 3 Inlet Manhole
 49 Lin. Ft.
 1 Each

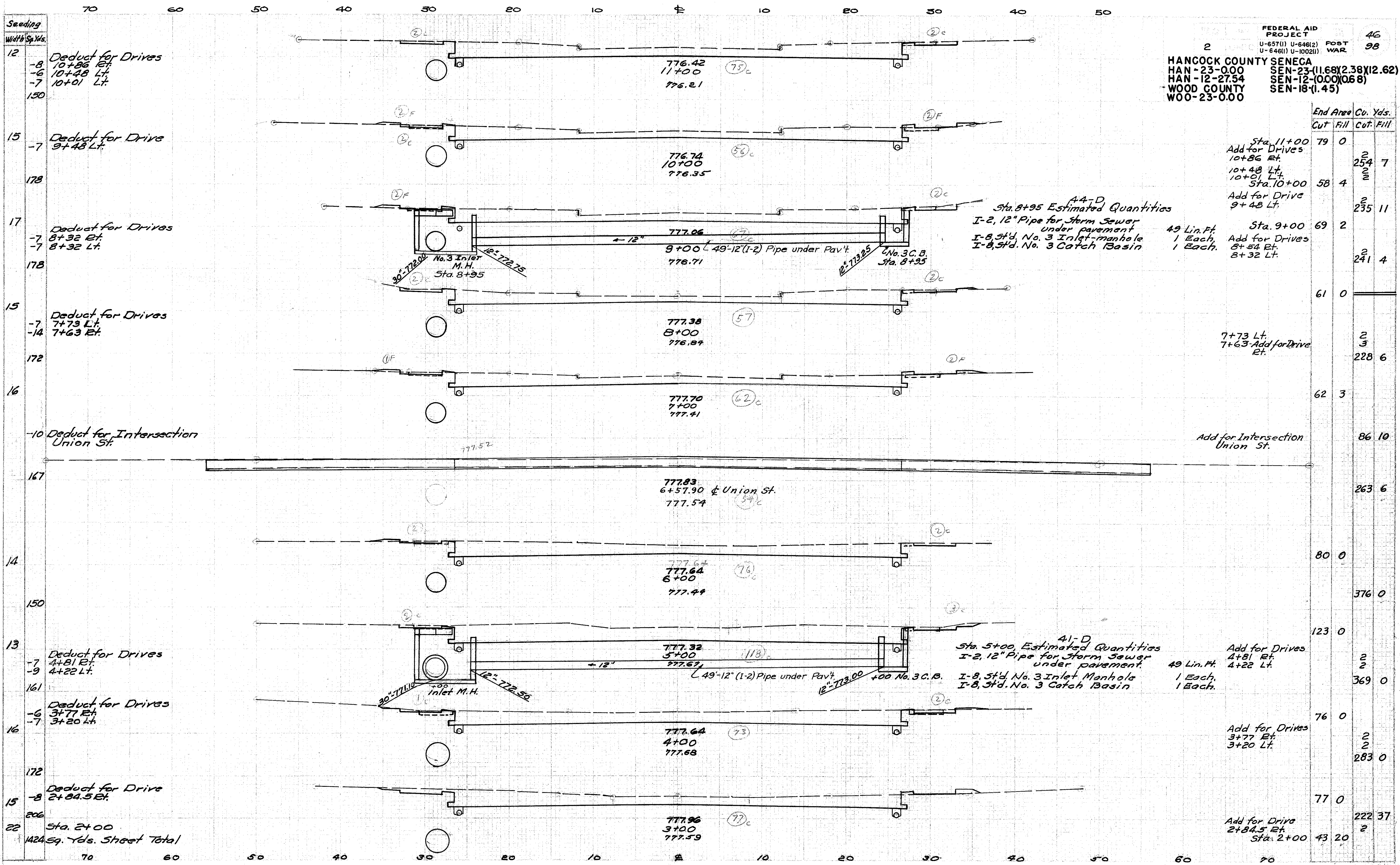
-30 Deduct for Intersection County Line Street
 Sta. 0+24, 29' Lt.
 Build No. 1 M.H.
 36" through

267 Sta. 0+10 Lt. 43'
 No. 1 M.H. (Mod)
 U-1002(1)

Sta. 1480+12.8, 29' Lt.
 Build No. 1 M.H.
 36" through

-19 Deduct for Drive 1479+00

29 Sta. 1476+00
 Sheet Total
 1404 59 Yds.



FEDERAL AID PROJECT
 U-657(1) U-646(2) POST 46
 U-646(1) U-1002(1) WAR 98

2
HANCOCK COUNTY SENECA
 HAN-23-0.00 SEN-23-(11.68)(2.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
WOOD COUNTY
 WOO-23-0.00 SEN-18-(1.45)

Sta.	End Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
12				
15	79	0		
178			2	7
17	58	4	2	11
178			2	4
15	61	0		
172			2	6
16	62	3		
167			86	10
14	80	0		
150			376	0
13	123	0		
161			369	0
16	76	0		
172			2	0
15	77	0		
206			222	37
22	43	20	2	

44-D
 Sta. 8+95 Estimated Quantities
 I-2, 12" Pipe for Storm Sewer under pavement 49 Lin. Ft.
 I-8, Std. No. 3 Inlet-manhole 1 Each.
 I-8, Std. No. 3 Catch Basin 1 Each.

41-D
 Sta. 5+00 Estimated Quantities
 I-2, 12" Pipe for Storm Sewer under pavement. 49 Lin. Ft.
 I-8, Std. No. 3 Inlet Manhole 1 Each.
 I-8, Std. No. 3 Catch Basin 1 Each.

Seeding
 Width Sq. Yds.
 12
 -8 Deduct for Drives
 10+86 Et.
 -6 10+48 Lt.
 -7 10+01 Lt.
 150

15
 -7 Deduct for Drive
 9+48 Lt.

17
 -7 Deduct for Drives
 8+32 Et.
 -7 8+32 Lt.
 178

15
 -7 Deduct for Drives
 7+73 Lt.
 -14 7+63 Et.
 172

-10 Deduct for Intersection
 Union St.

13
 -7 Deduct for Drives
 4+81 Et.
 -9 4+22 Lt.
 161

16
 -6 Deduct for Drives
 3+77 Et.
 -7 3+20 Lt.
 172

15
 -8 Deduct for Drive
 2+84.5 Et.
 206

22
 Sta. 2+00
 1424 Sq. Yds. Sheet Total

Seeding
Width Sq. Yds.

70 60 50 40 30 20 10 ± 10 20 30 40 50

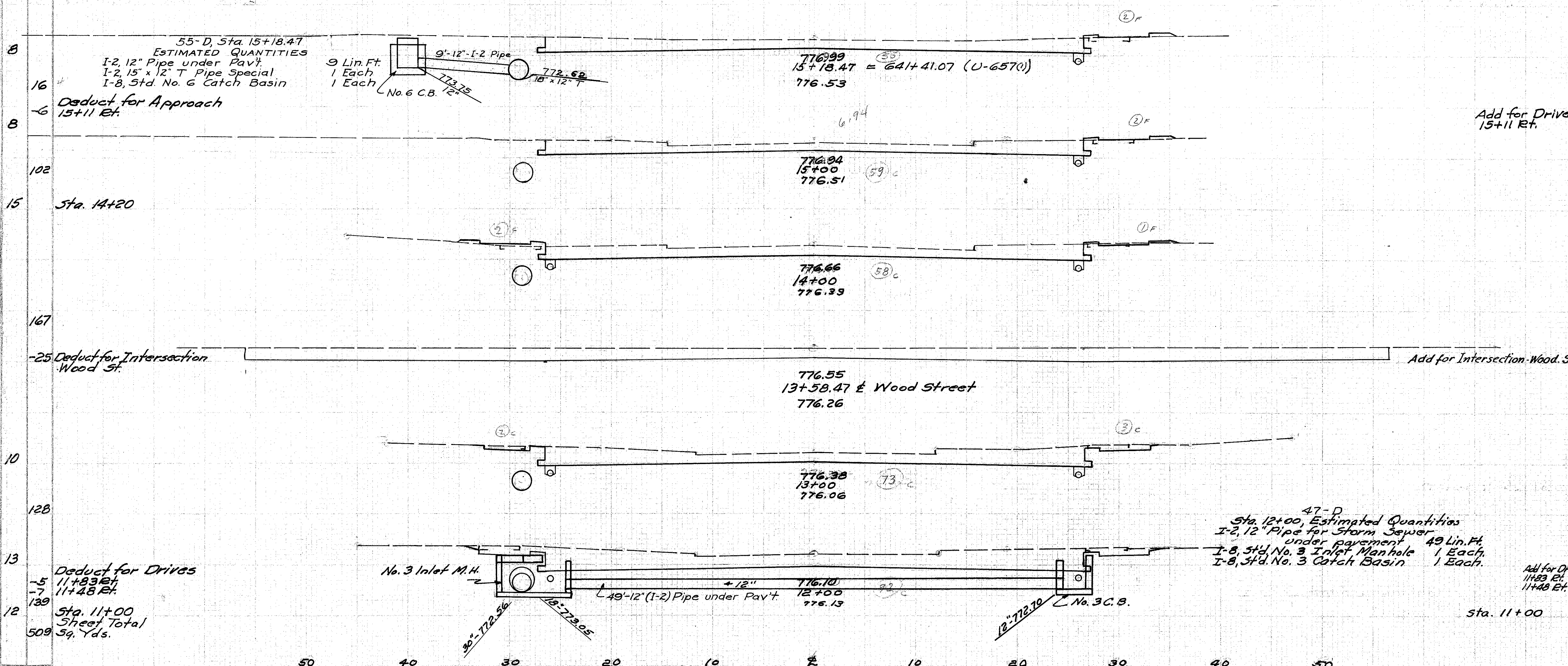
FEDERAL AID PROJECT
U-657(1) U-646(2) POST WAR 47
U-646(1) U-1002(1) WAR 98

2

HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-11.68 (2.38) (2.62)
HAN-12-2754 SEN-12-10.00 (0.68)
WOOD COUNTY SEN-18-11.45
WOO-23-0.00

End Area	Cu. Yds.	
	Cut	Fill
55	2	
		39 1
59	2	
		2
102		
15		217 9
167		
		58 3
		252 6
		90 10
10		
		78 0
128		
		315 0
13		
		92 0
		2
		517 0
12		
		79 0

STATION 15+18.47
END U-646 (1)



HANCOCK COUNTY SENEGA COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.39)(12.62)
 HAN-12-2754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

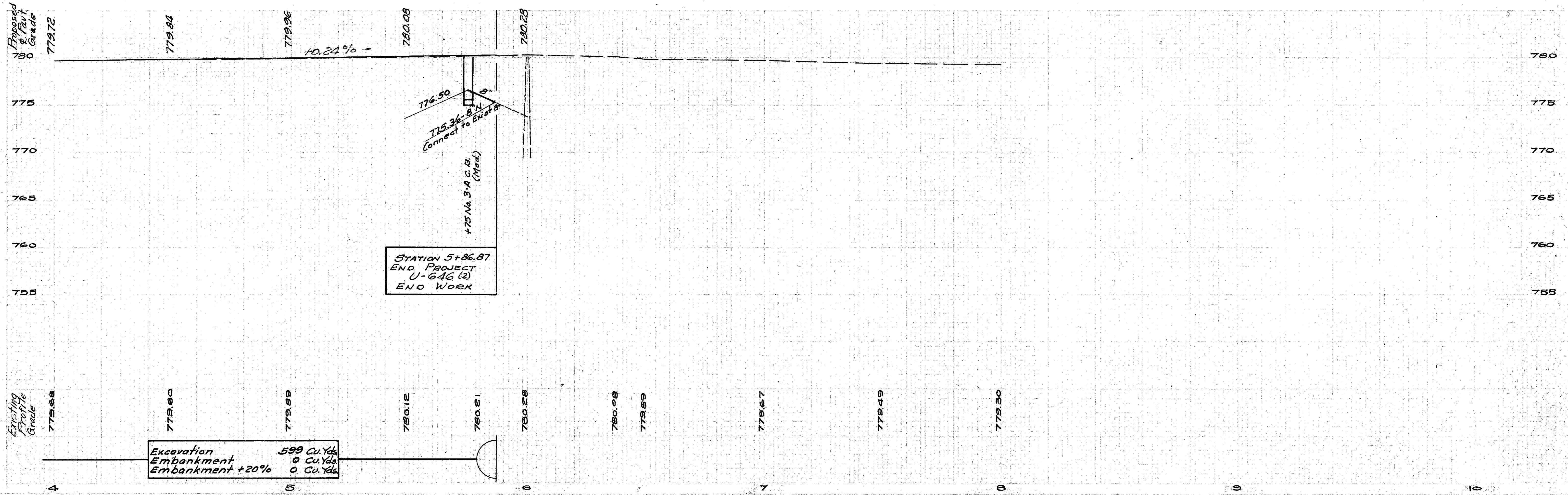
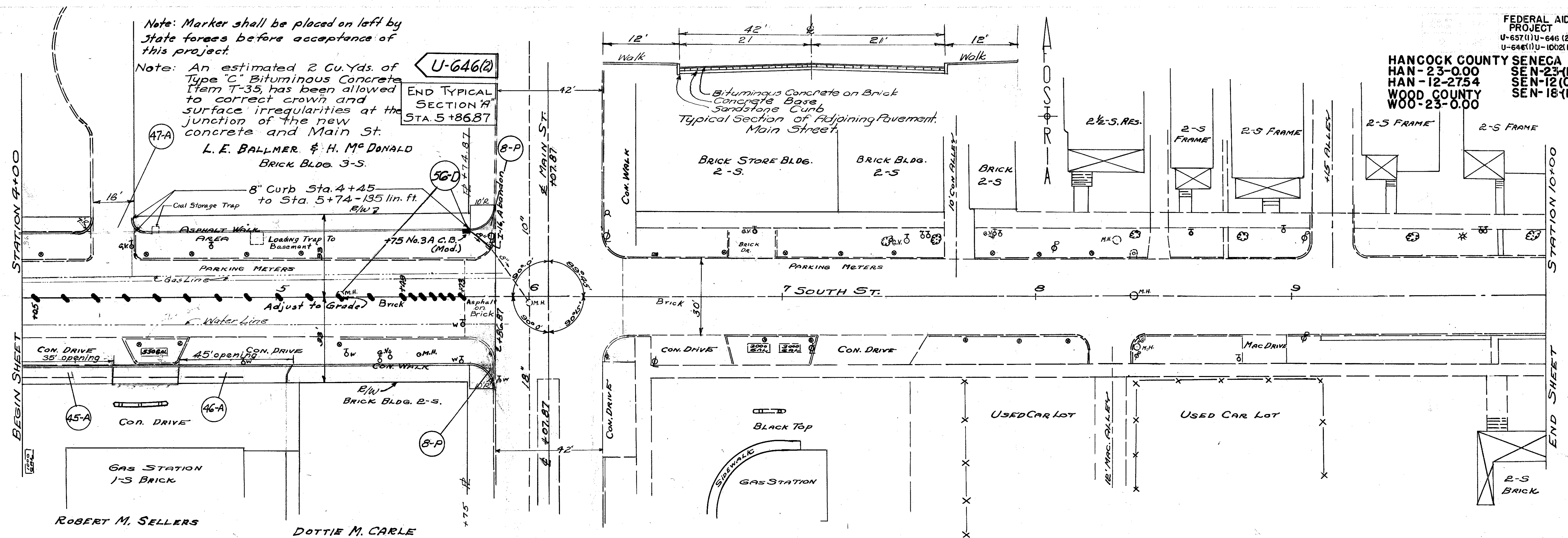
Note: Marker shall be placed on left by State forces before acceptance of this project.

Note: An estimated 2 Cu. Yds. of Type "C" Bituminous Concrete Item T-35, has been allowed to correct crown and surface irregularities at the junction of the new concrete and Main St.

L. E. BALLMER & H. Mc DONALD
 BRICK BLDG. 3-S.

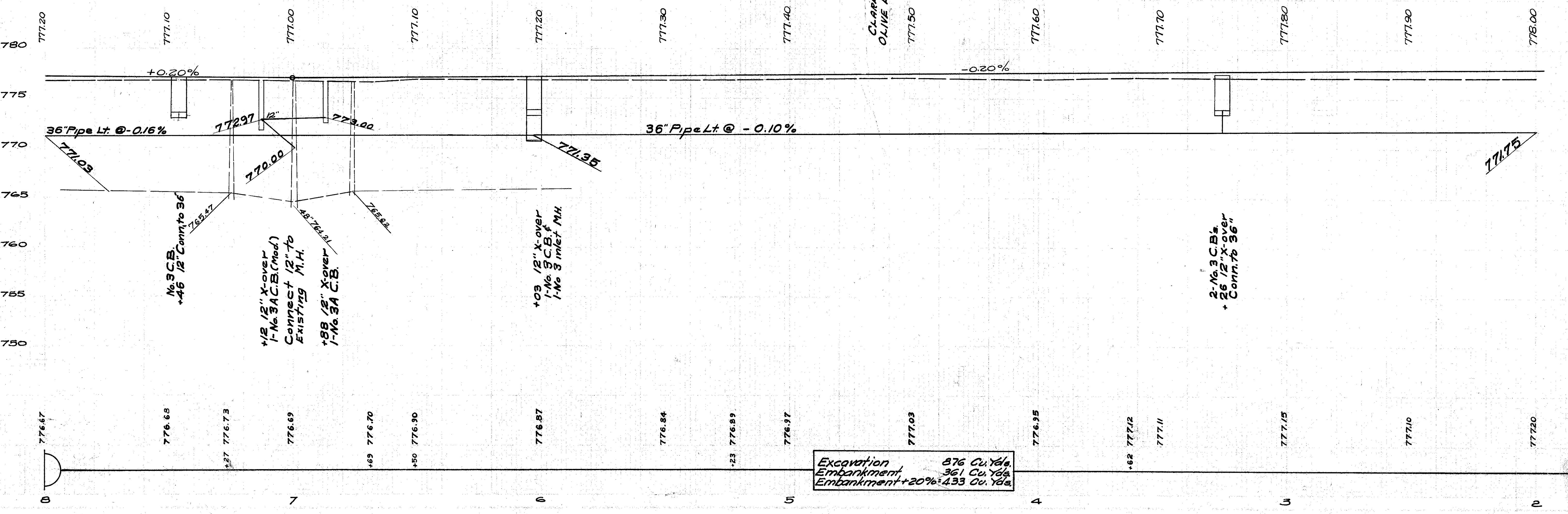
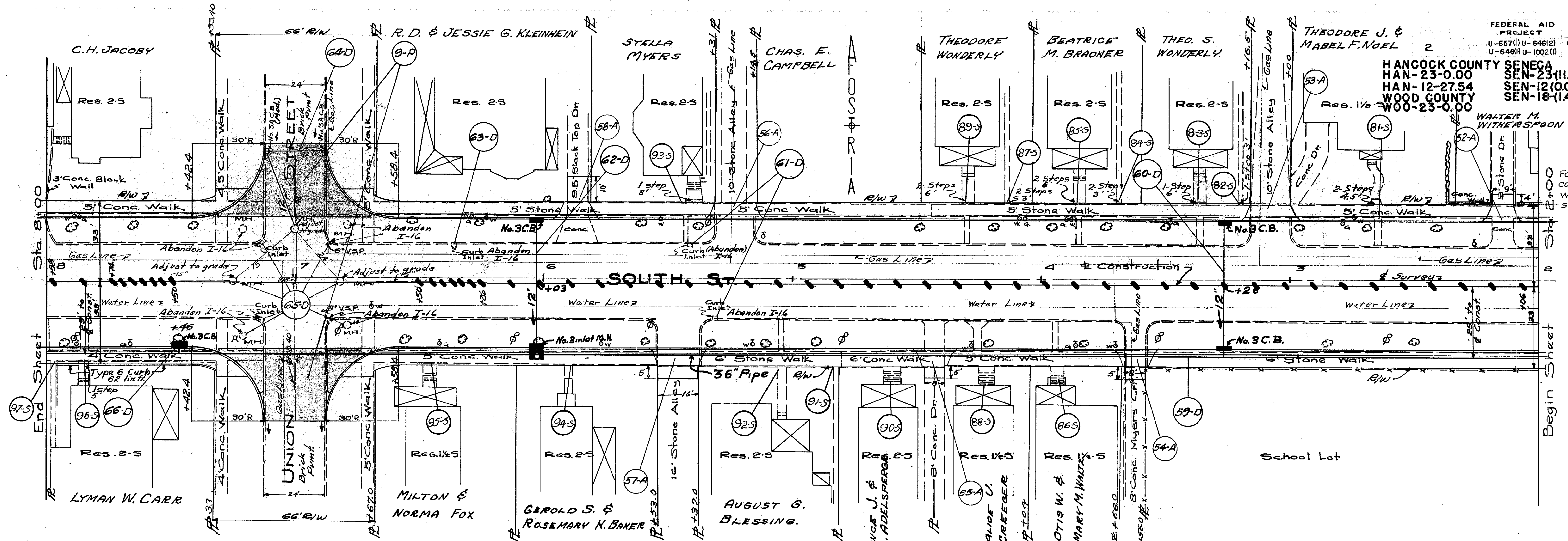
U-646(2)

END TYPICAL SECTION "A" STA. 5+86.87



FEDERAL AID PROJECT
 U-657(I) U-646(2) POST WAR
 U-646(H) U-1002(I) 50 98

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00



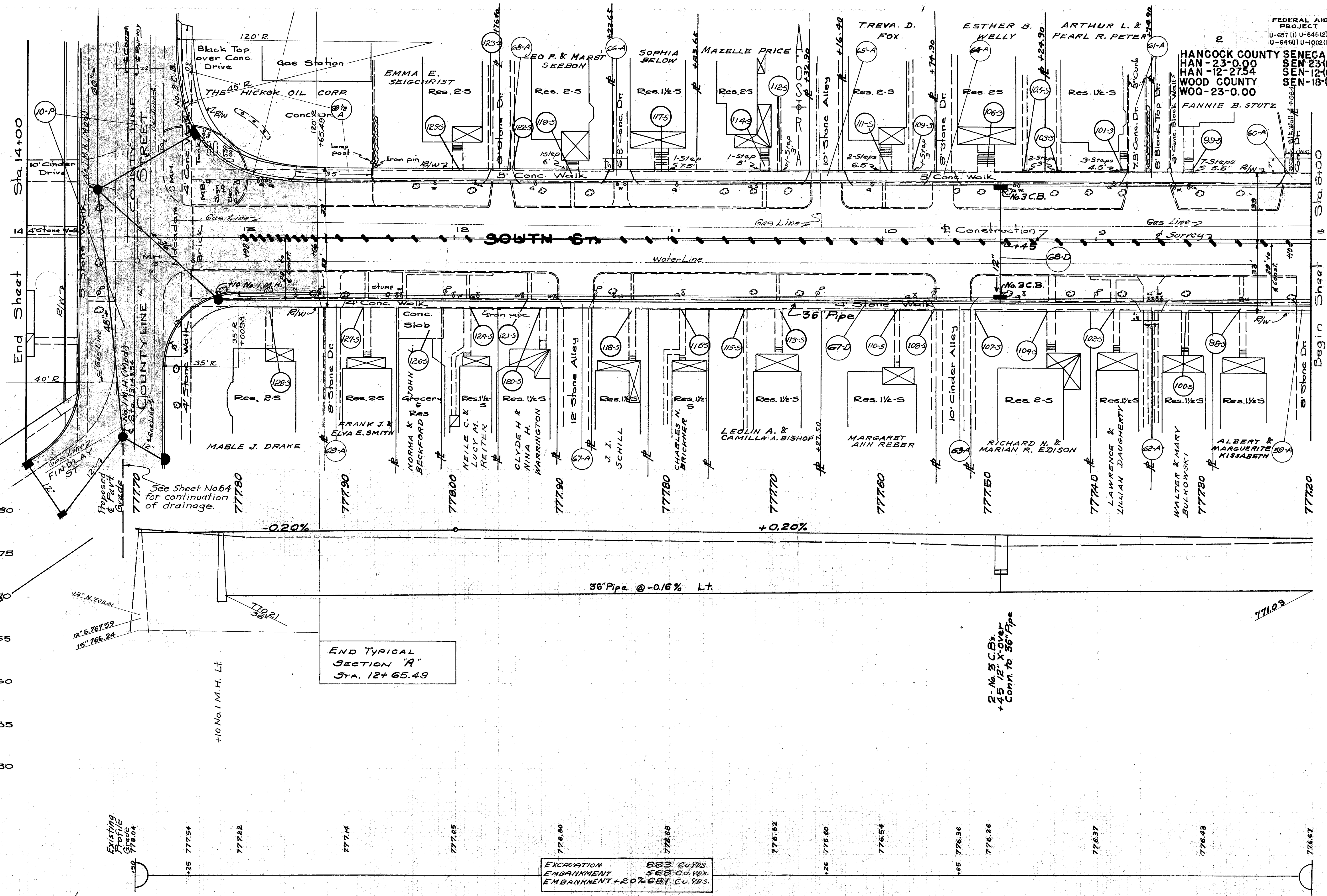
Excavation 876 Cu. Yds.
 Embankment 361 Cu. Yds.
 Embankment +20% = 433 Cu. Yds.

For detail of
 conc. retaining
 wall and steps,
 see Sheet No.
 19

Z6057A

FEDERAL AID PROJECT
 U-657(1) U-645(2) POST 51
 U-646(1) U-1002(1) WAR 98

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23-11.68(12.38)(12.62)
 HAN-12-2754 SEN-12-10.00(0.68)
 WOOD COUNTY
 WOO-23-0.00 SEN-18-11.45



Sta. 14+00

Sta. 8+00

End Sheet

Begin Sheet

780

780

775

775

770

770

765

765

760

760

755

755

750

750

END TYPICAL SECTION "A"
 STA. 12+65.49

EXCAVATION 883 CU. YDS.
 EMBANKMENT 568 CU. YDS.
 EMBANKMENT +20% 681 CU. YDS.

2- No. 3 C.B.'s
 +4.5' 12" X-over
 Conn. to 36" Pipe

Existing Profile
 Grade
 778.04

777.54

777.22

777.14

777.05

776.80

776.68

776.62

776.60

776.54

776.36

776.26

776.37

776.43

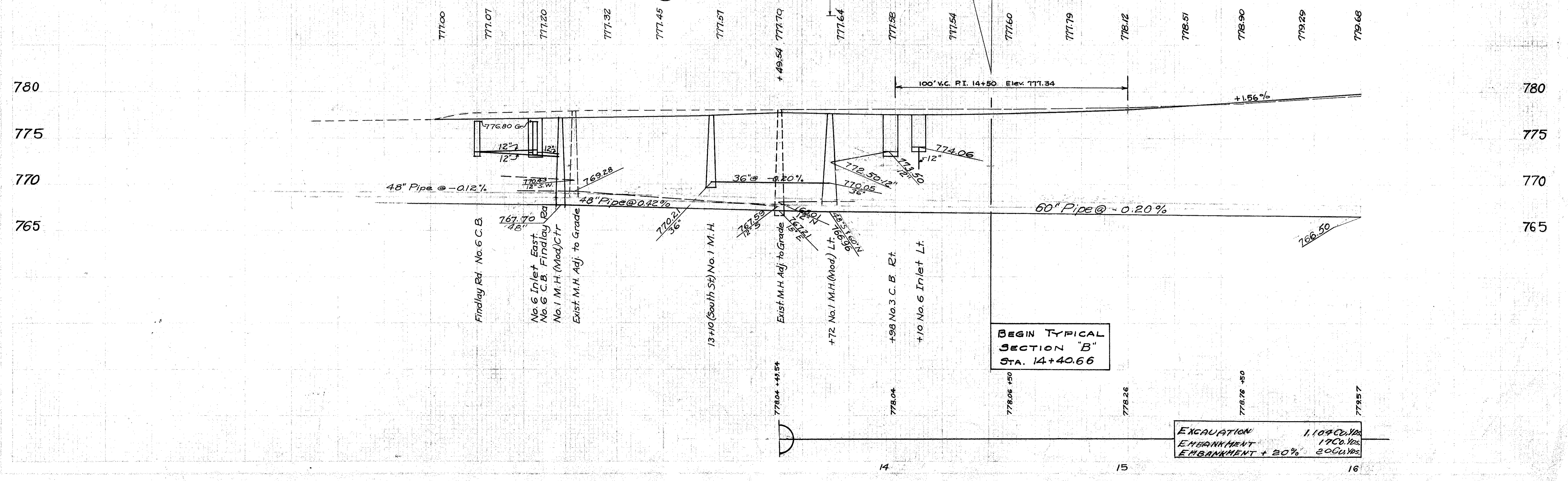
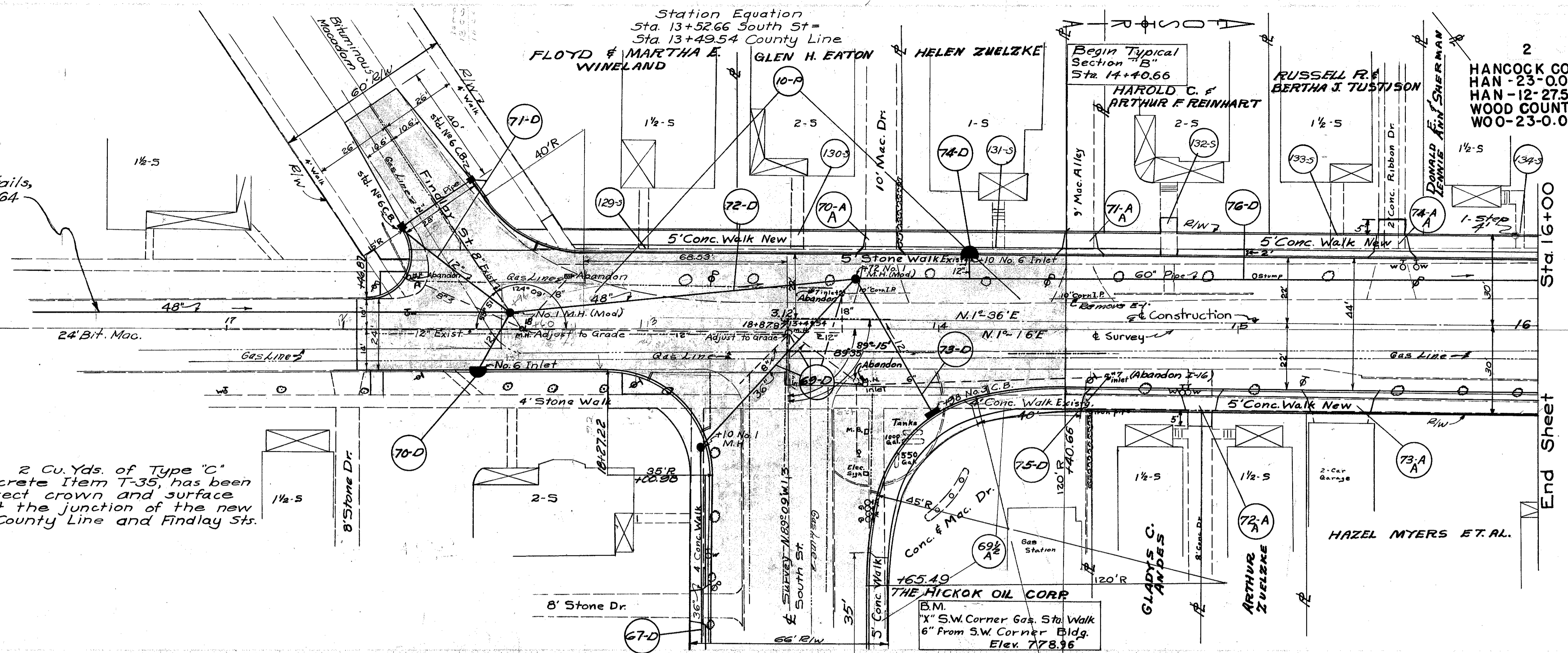
776.87

West South St. STA. 8+00 to STA. 14+00

2
 HANCOCK COUNTY SENECA COUNTY
 HAN-23-000 SEN-23(11.68)(12.38)(12.62)
 HAN-12-2754 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0-00

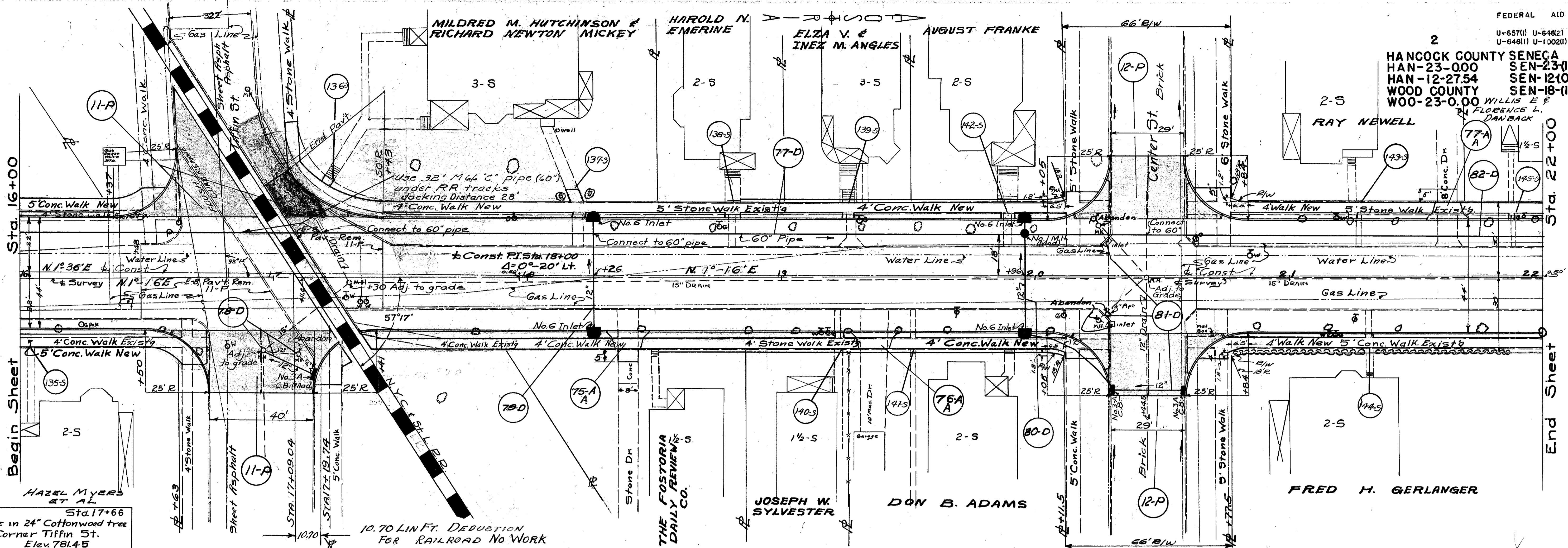
For sewer details,
 see sheet No 64

Note: An estimated 2 Cu. Yds. of Type "C" Bituminous Concrete Item T-35, has been allowed to correct crown and surface irregularities at the junction of the new concrete and County Line and Findlay Sts.



End Sheet

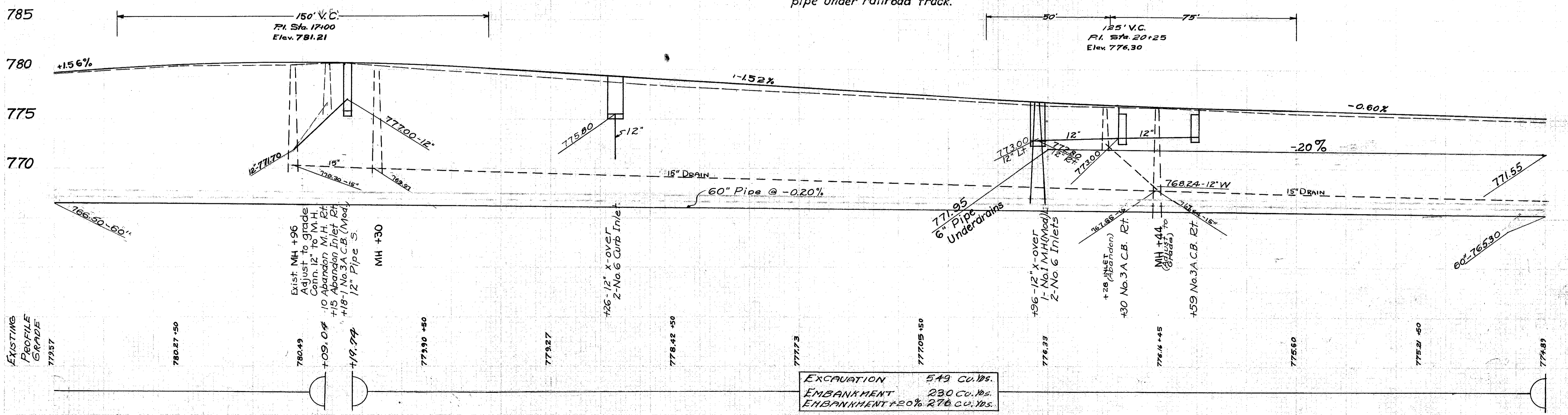
HANCOCK COUNTY SENEGA COUNTY
 HAN-23-000 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00



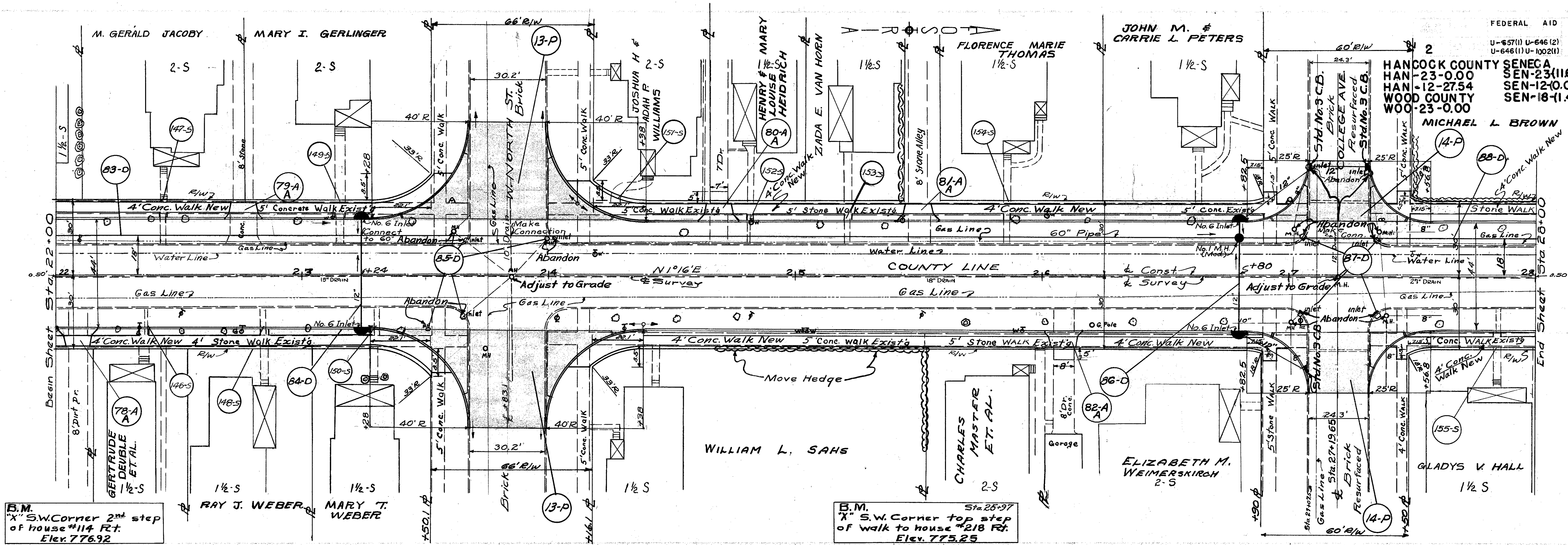
B.M. Sta. 17+66
 Spike in 24" Cottonwood tree
 N.E. Corner Tiffin St.
 Elev. 781.45

Proposed Pavt. Grades	77968	78007	78040	78059	78066	78065	78060	78042	78010	77972	77934	77896	77858	77820	77782	77744	77706	77671	77644	77621	77502	77565	77570	77555	77540	77525
-----------------------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

NOTE: See Sheets Nos. 64 & 65 regarding method of jacking pipe under railroad track.

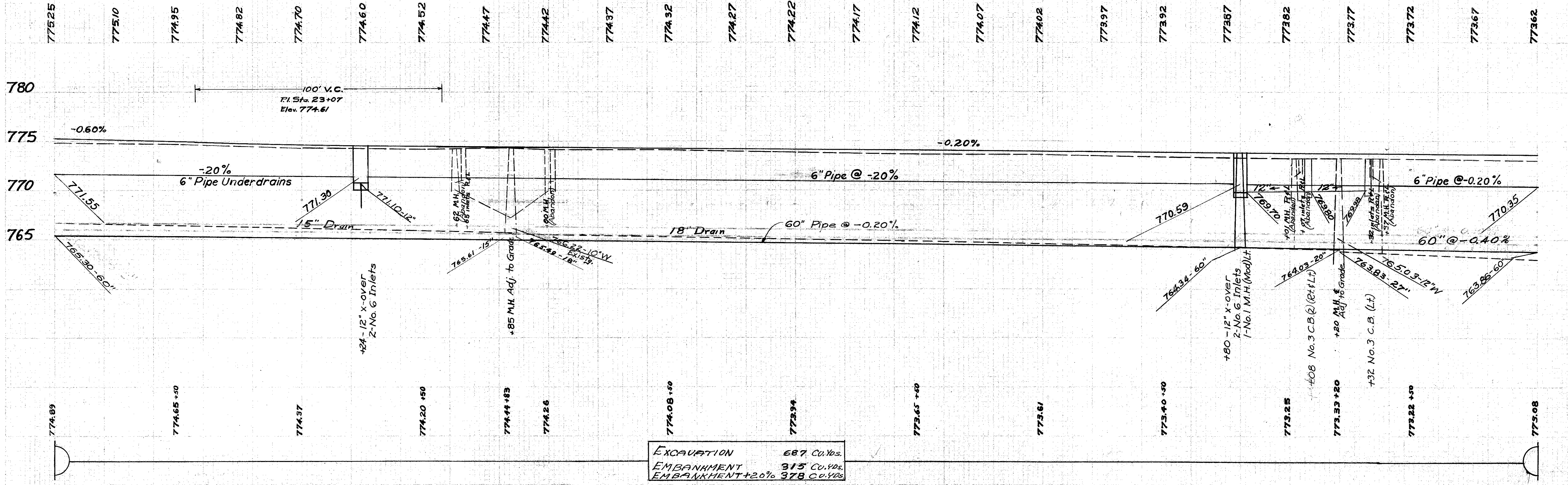


EXCAVATION 549 cu. yds.
 EMBANKMENT 230 cu. yds.
 EMBANKMENT +20% 276 cu. yds.



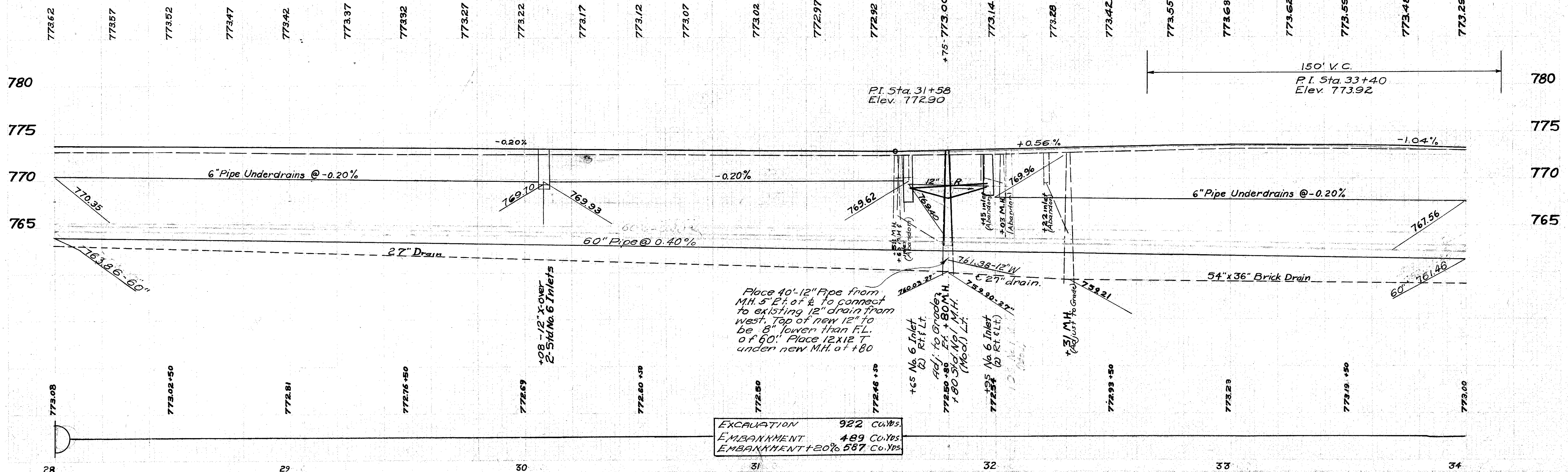
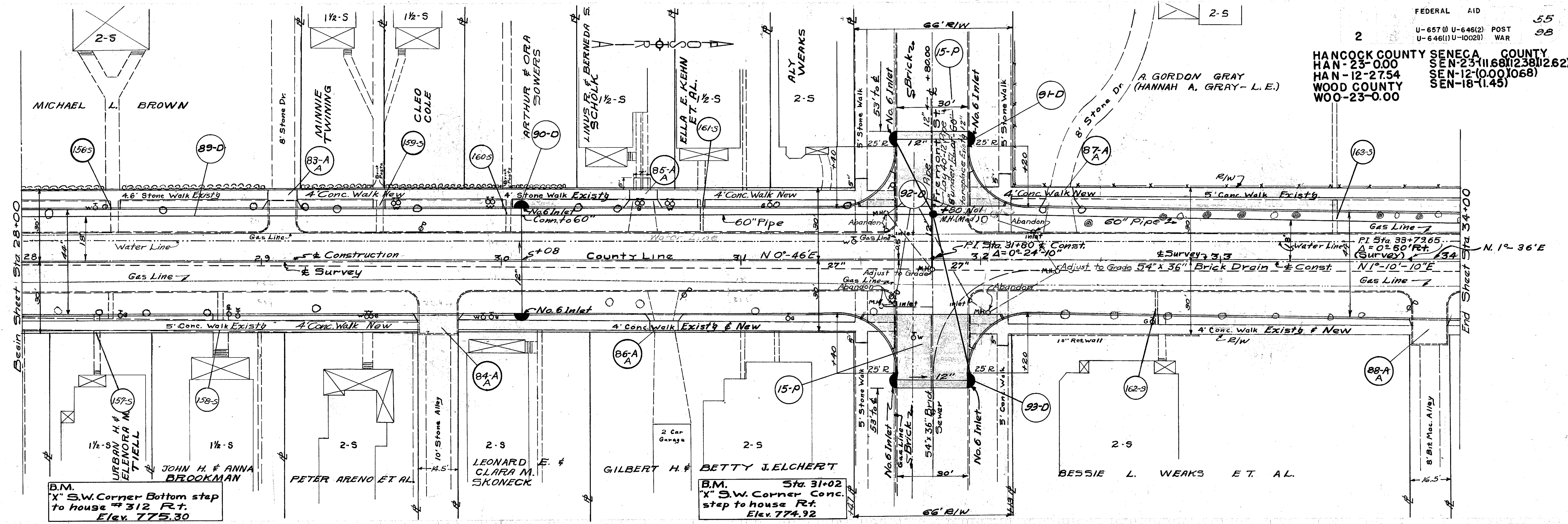
B.M.
 X" S.W. Corner 2nd step
 of house #114 Rt.
 Elev. 776.92

B.M.
 X" S.W. Corner top step
 of walk to house #218 Rt.
 Elev. 775.25



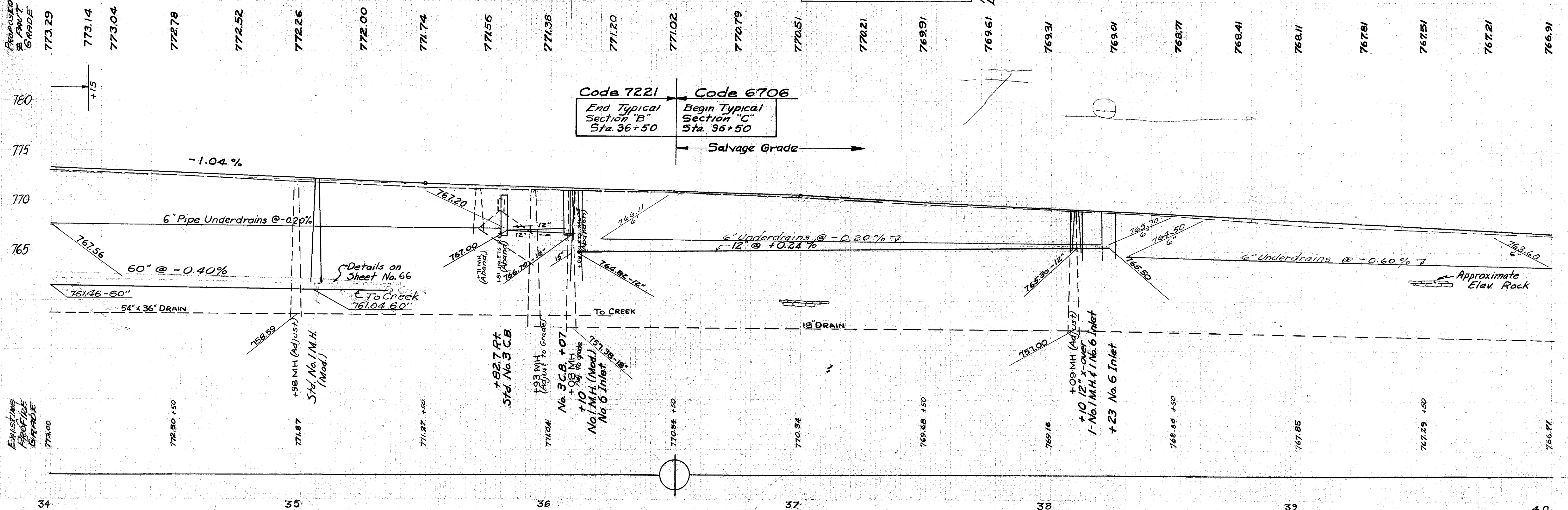
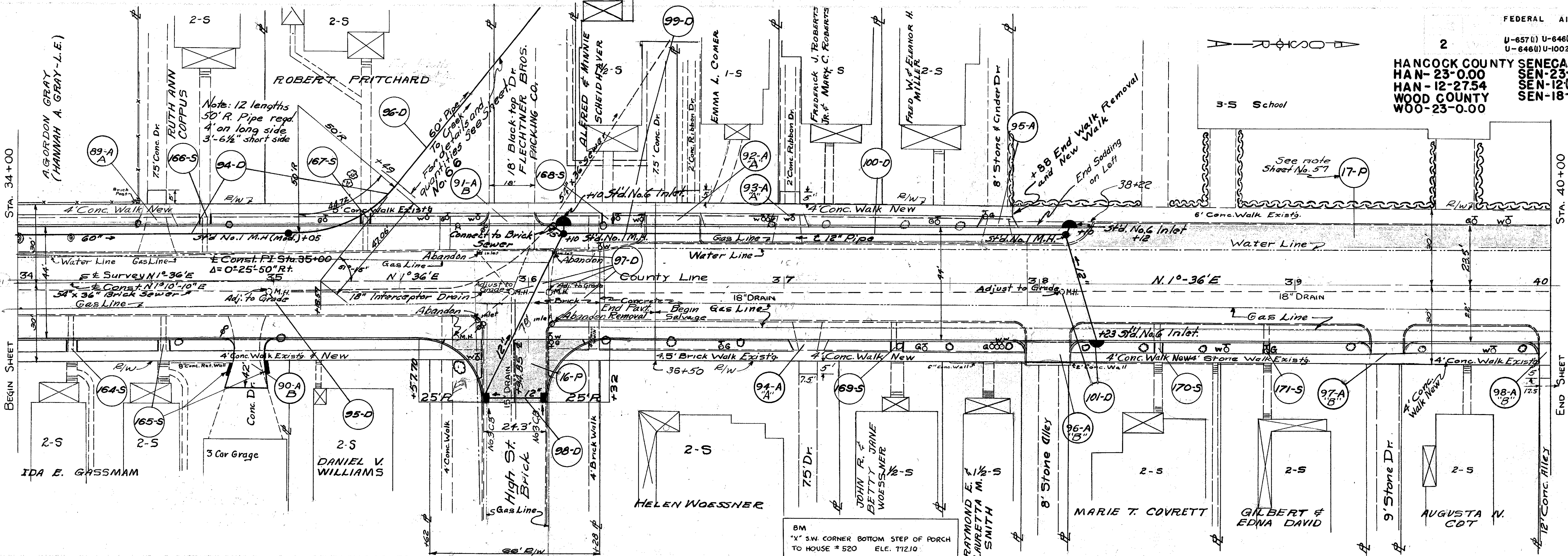
EXCAVATION	687 Cu.Yds.
EMBANKMENT	315 Cu.Yds.
EMBANKMENT +2.0%	378 Cu.Yds.

2
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-111.68(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00



EXCAVATION	922 Cu.Yds.
EMBANKMENT	489 Cu.Yds.
EMBANKMENT +20%	587 Cu.Yds.

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(238)(2.62)
 HAN-12-27.54 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)



Code 7221 End Typical Section "B" Sta. 36+50
 Code 6706 Begin Typical Section "C" Sta. 36+50

Salvage Grade

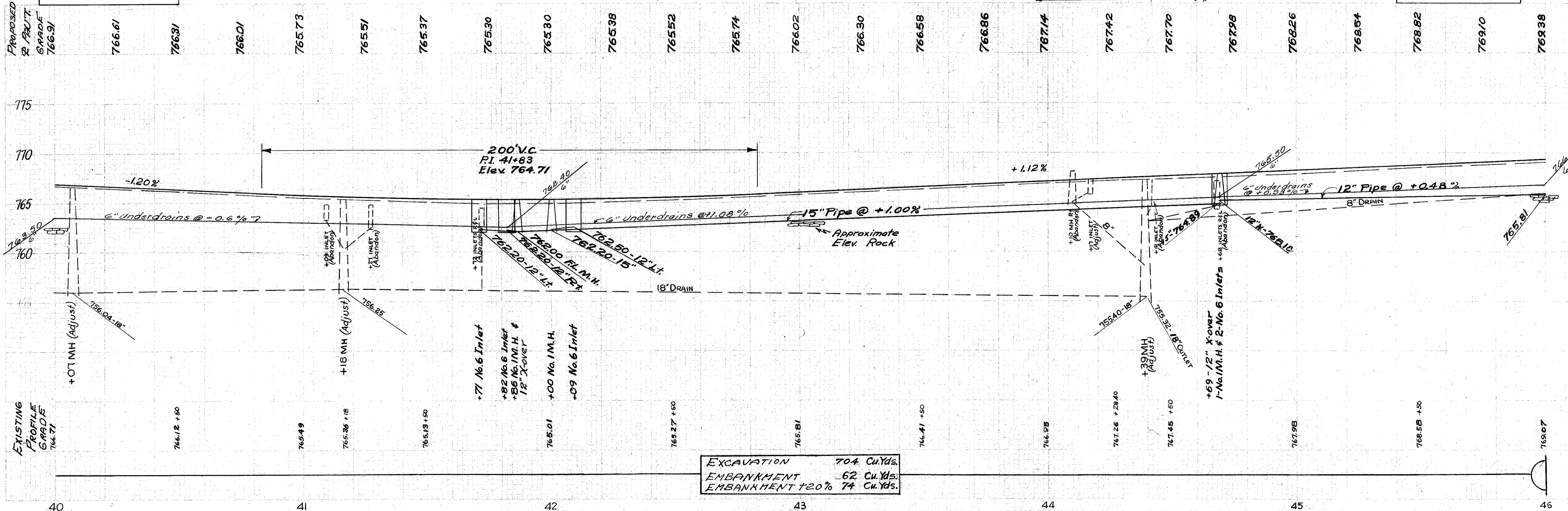
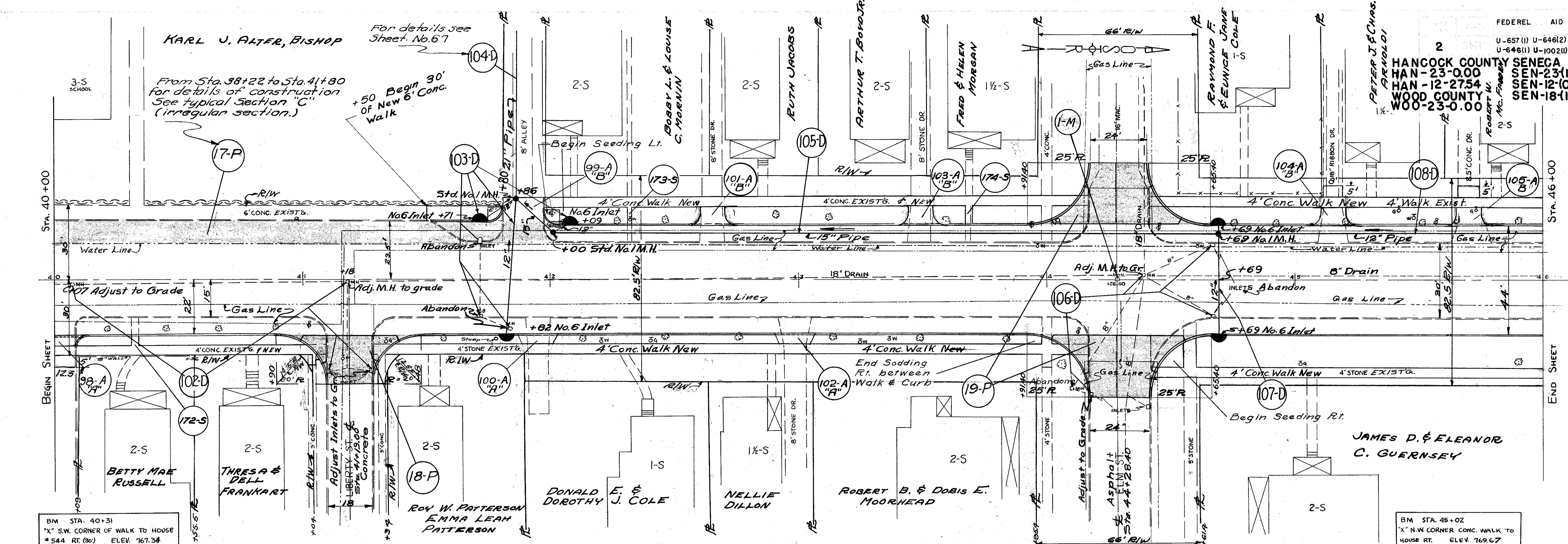
HANCOCK COUNTY SENECA COUNTY
 HAN-23-000 SEN-23(11.68)(238)(262)
 HAN-12-2754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

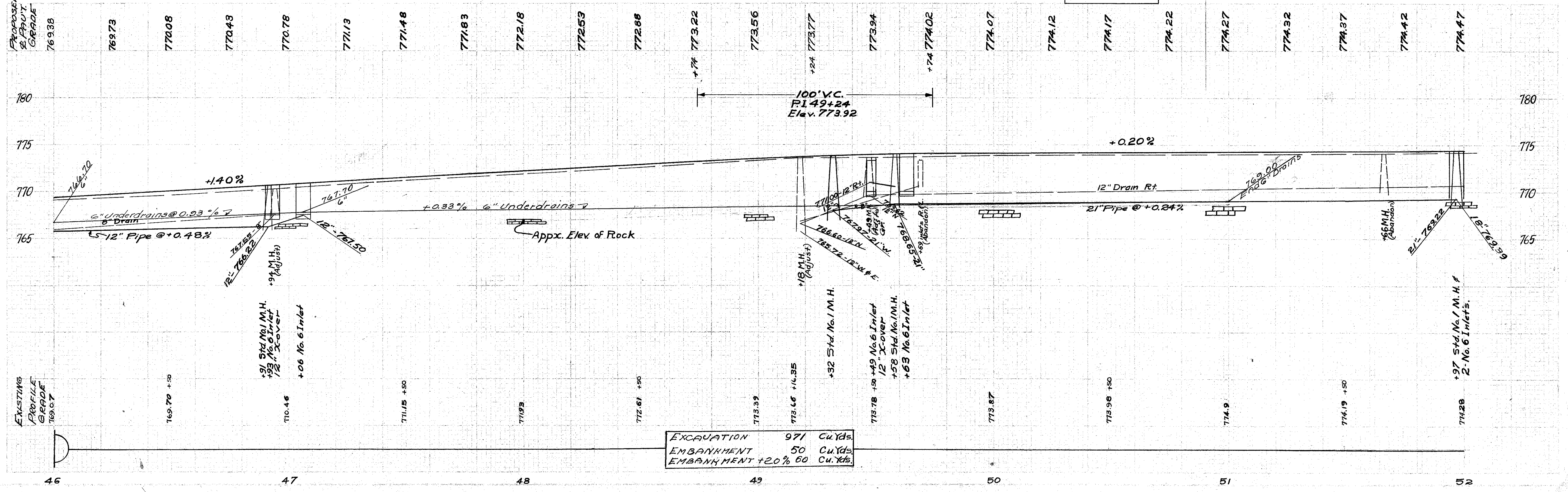
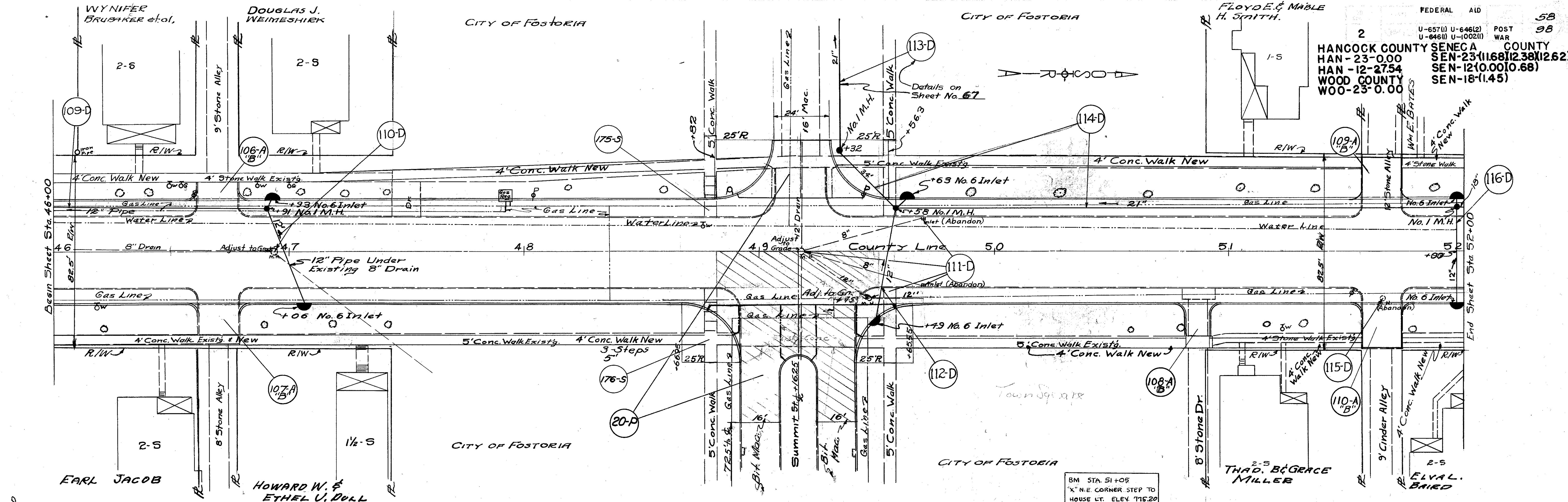
KARL J. ALTER, BISHOP

For details see Sheet No. 67

From Sta. 38+22 to Sta. 41+80 for details of construction See typical Section "C" (irregular section.)

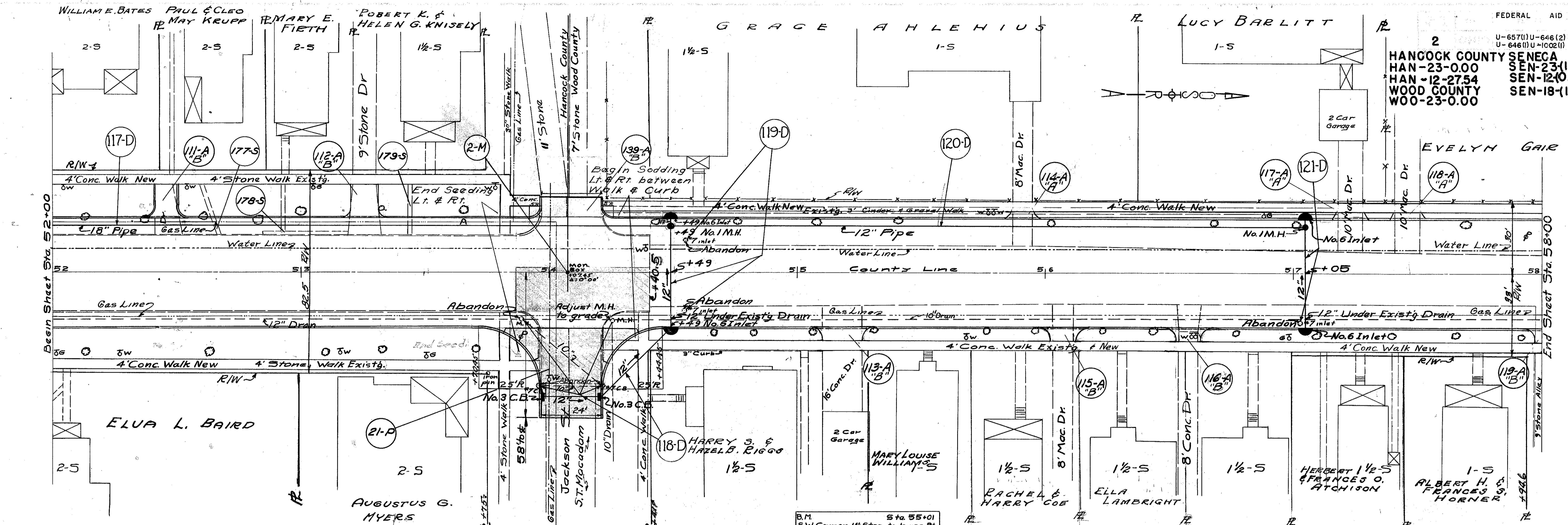
+50 Begin 30' of New 6" Conc. Walk





EXCAVATION	971	Cu.Yds.
EMBANKMENT	50	Cu.Yds.
EMBANKMENT +20%	60	Cu.Yds.

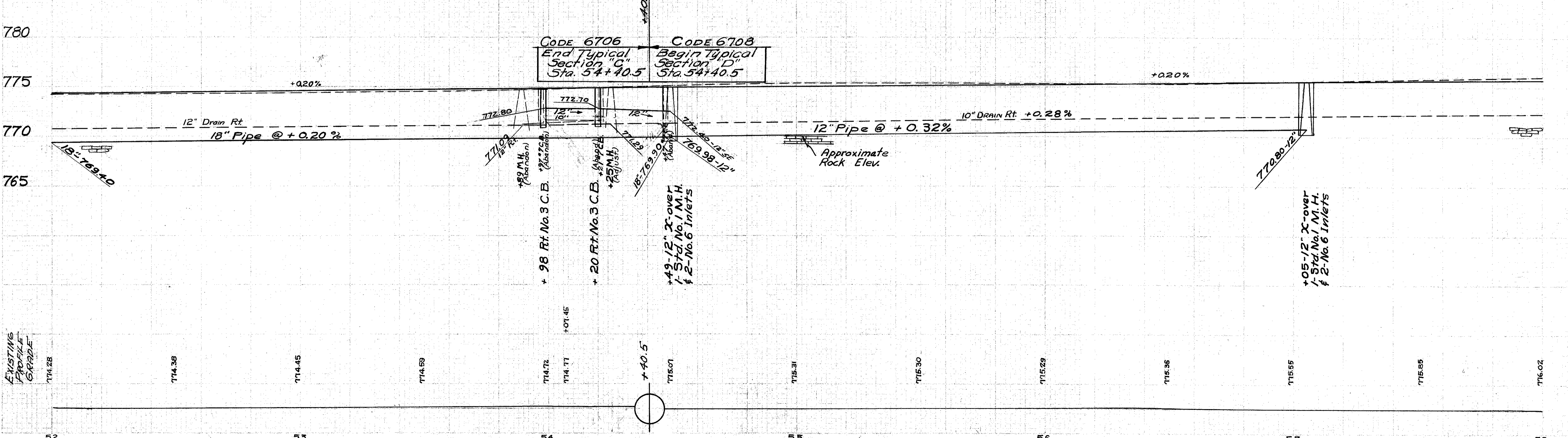
HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)
WOO-23-0.00



B.M. S.W. Corner 1st Step to house Rt. Elev. 776.19

Table of proposed and existing profile and grade elevations.

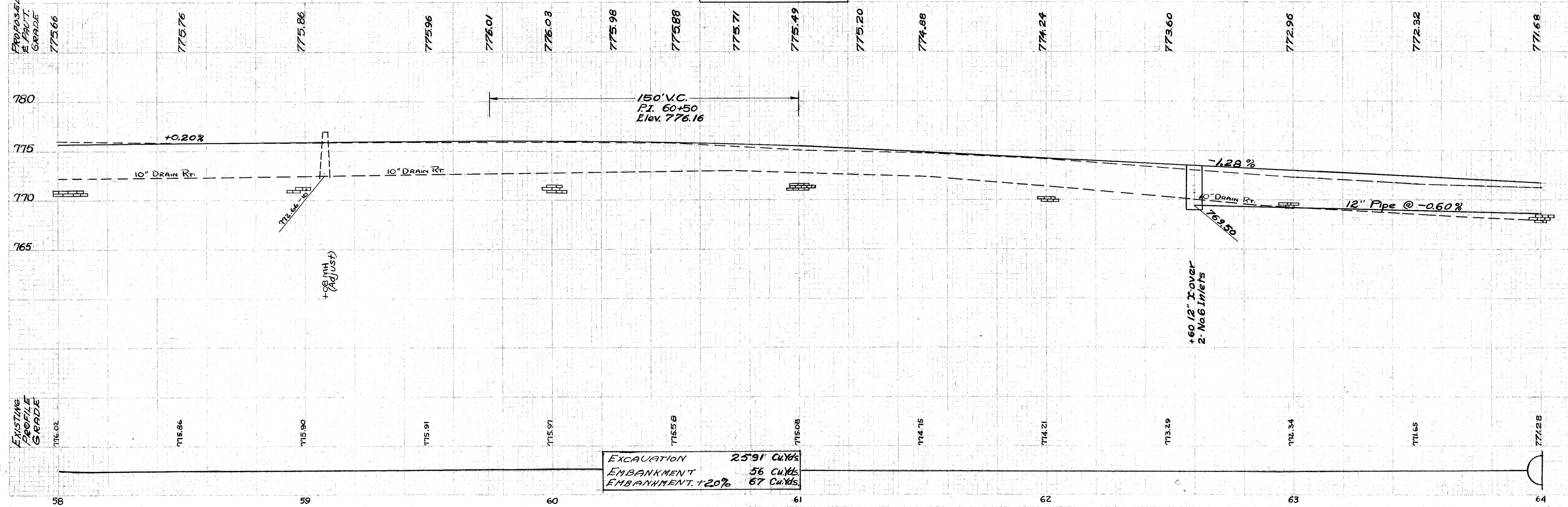
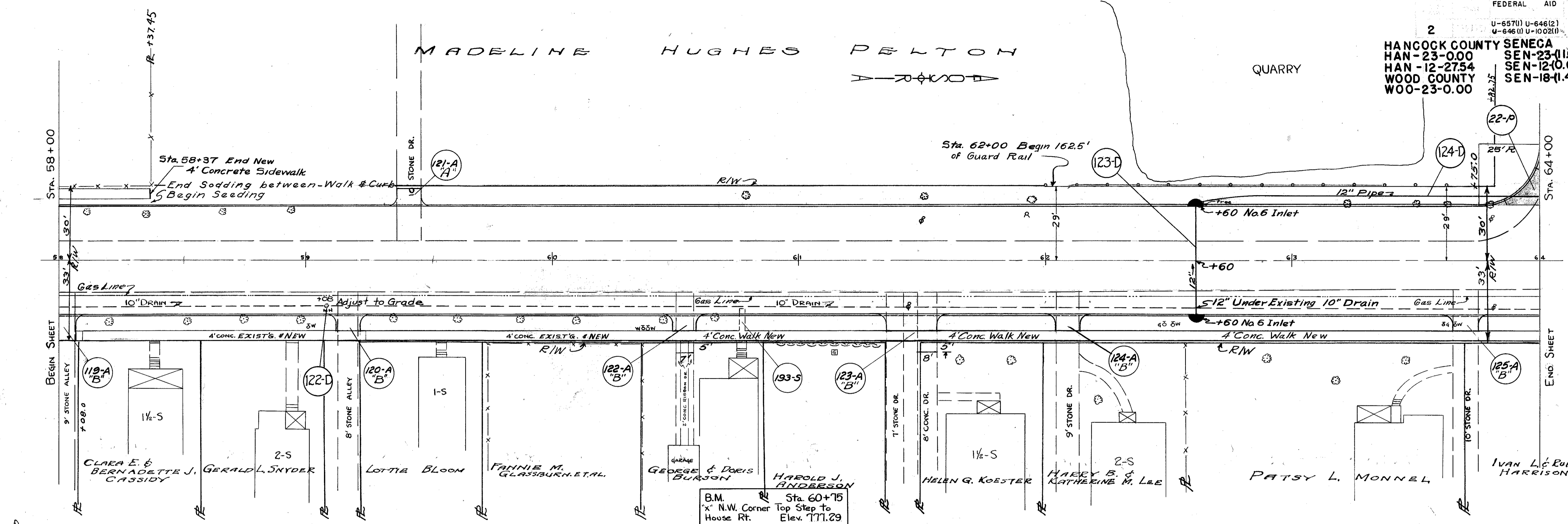
PROPOSED PROFILE & GRADE	EXISTING PROFILE & GRADE
774.47	774.28
774.52	774.38
774.57	774.45
774.62	774.59
774.67	774.72
774.72	774.77
774.82	774.87
774.87	774.92
774.92	774.97
774.97	775.02
775.02	775.07
775.07	775.12
775.12	775.17
775.17	775.22
775.22	775.27
775.27	775.32
775.32	775.37
775.37	775.42
775.42	775.47
775.47	775.52
775.52	775.57
775.57	775.62
775.62	775.67



2
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-(1169)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

MADLINE HUGHES PELTON
 ROAD

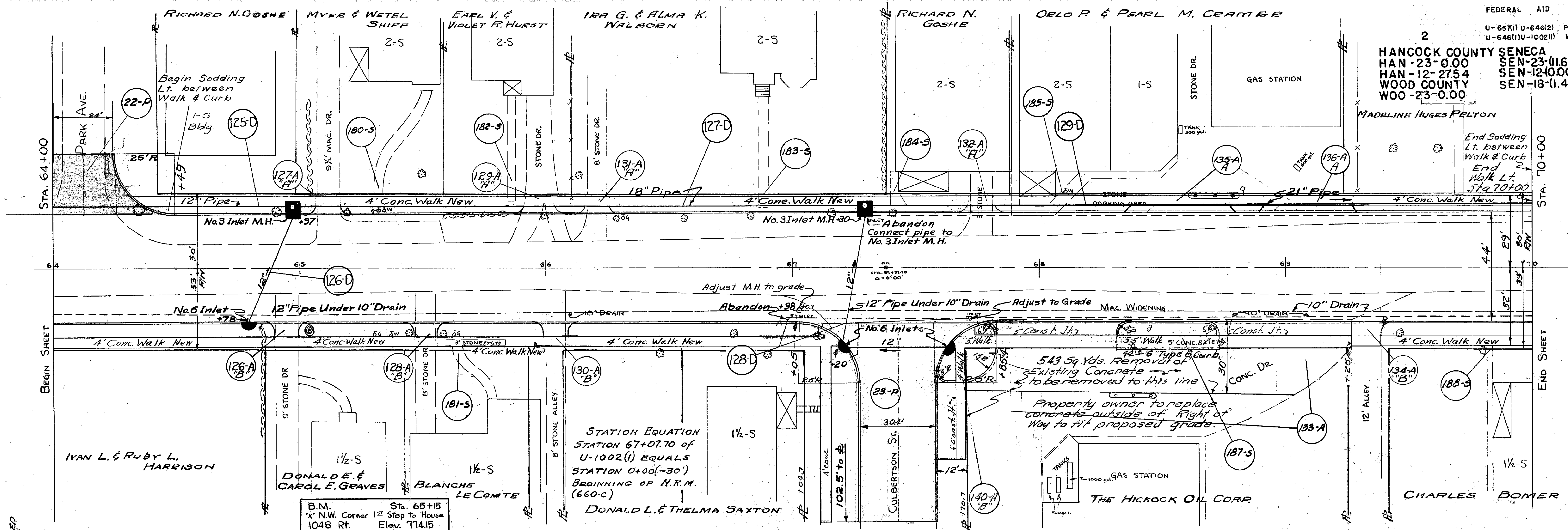
QUARRY



EXCAVATION	2591 Cu.Yds
EMBANKMENT	56 Cu.Yds
EMBANKMENT +20%	67 Cu.Yds

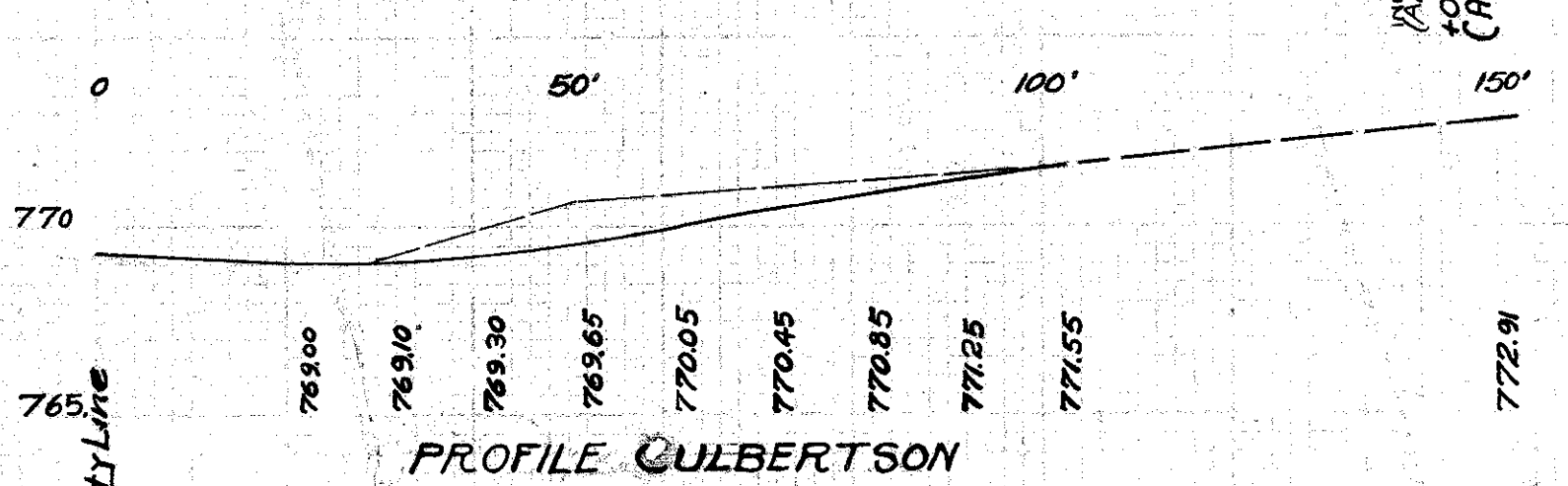
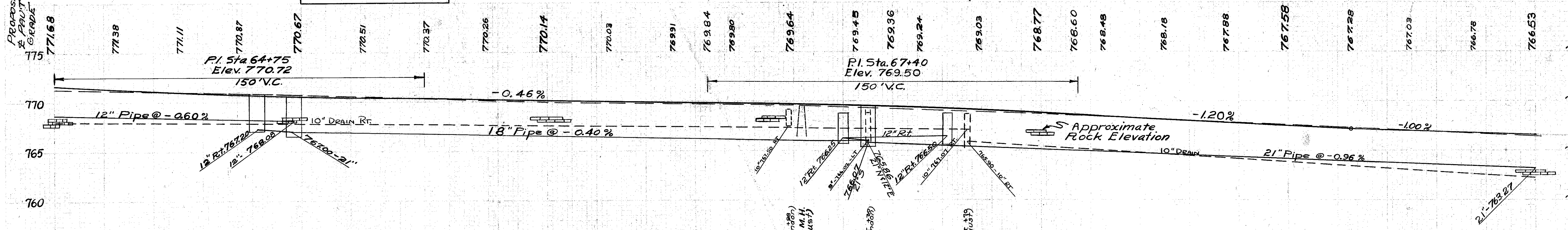
2
 HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23-(1168)(12.38)(2.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

MADLINE HUGES PELTON



STATION EQUATION.
 STATION 67+07.70 OF
 U-1002 (1) EQUALS
 STATION 0+00 (-30')
 BEGINNING OF N.R.M.
 (660-C)

B.M. Sta. 65+15
 'x' N.W. Corner 1st Step To House
 1048 Rt. Elev. 714.15



EXCAVATION	2781 Cu.Yds.
EMBANKMENT	209 Cu.Yds.
EMBANKMENT +20%	251 Cu.Yds.

Note:- Marker will be furnished and erected on the left by the State before acceptance of this improvement.

For Continuation of Pavement and Sewer Line, See Sheets No. 63 & 67

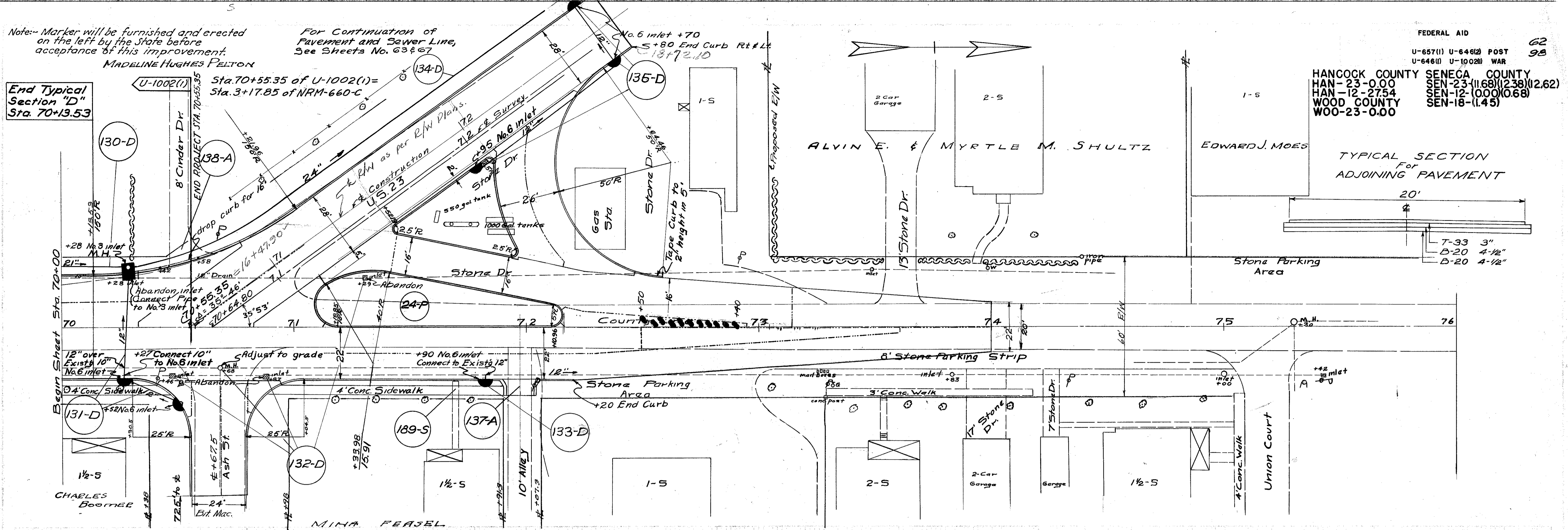
MADÉLINE HUGHES FELTON

FEDERAL AID
 U-657(1) U-646(2) POST 62
 U-646(1) U-1002(1) WAR 98

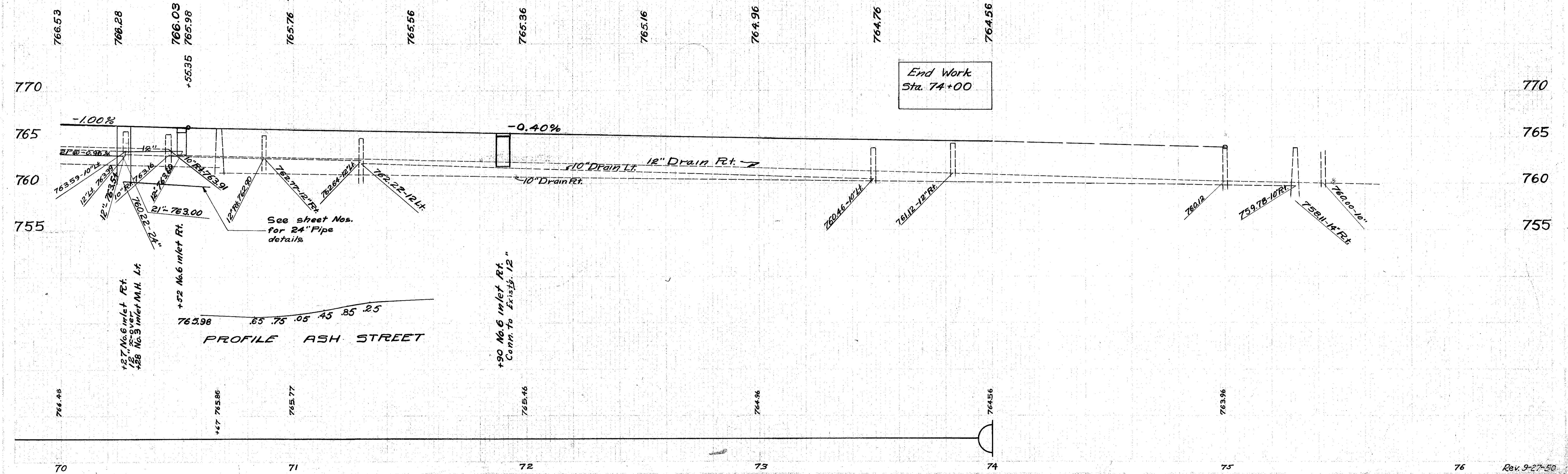
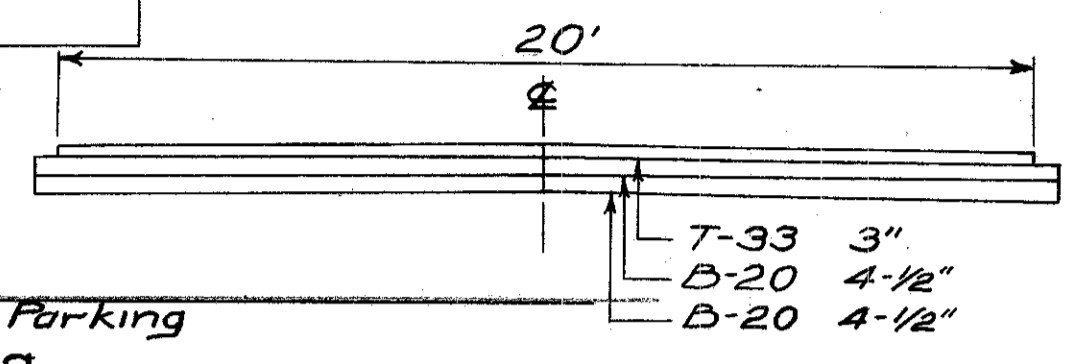
HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

End Typical Section "D" Sta. 70+13.53

Sta. 70+55.35 of U-1002(1) = Sta. 3+17.85 of NRM-660-C

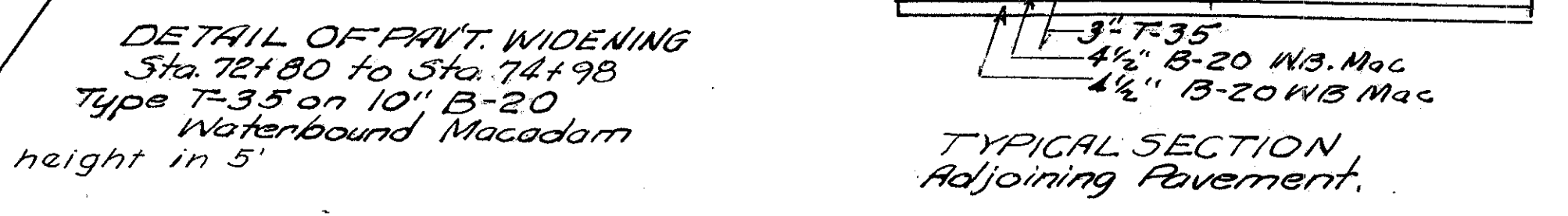
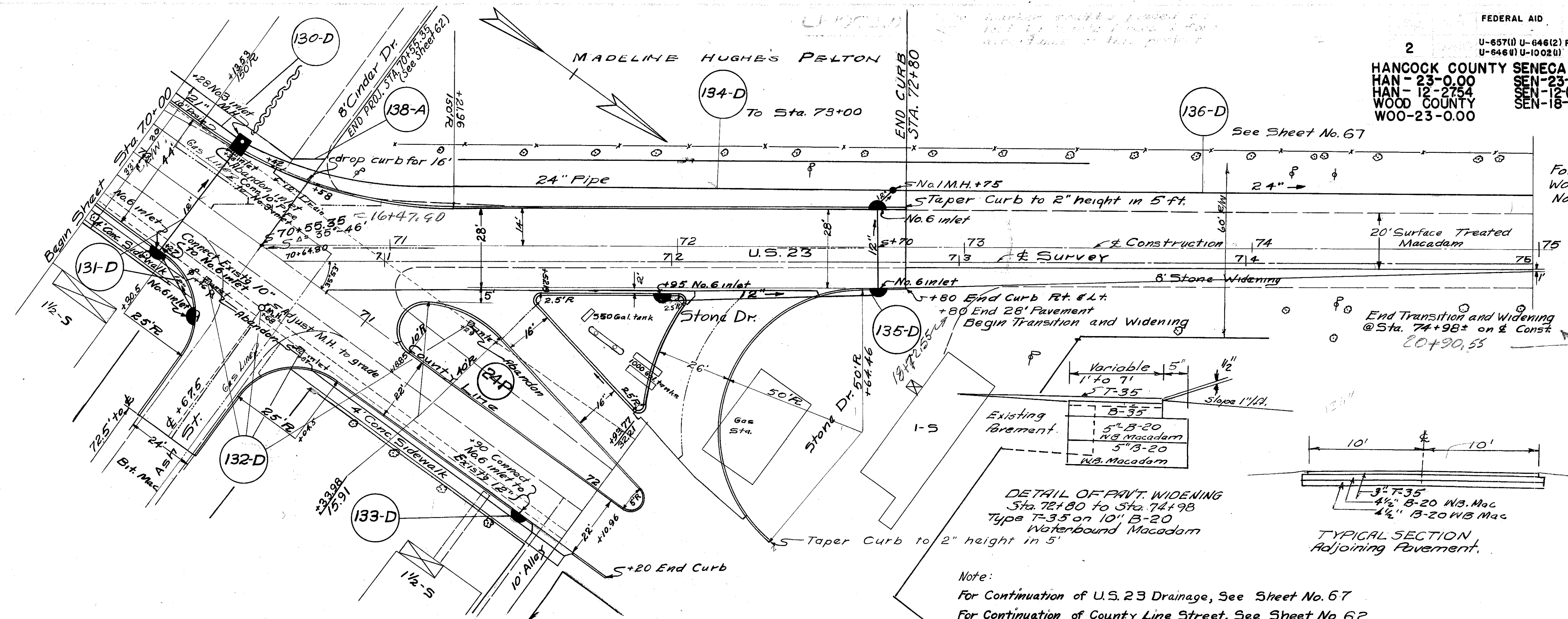


TYPICAL SECTION For ADJOINING PAVEMENT

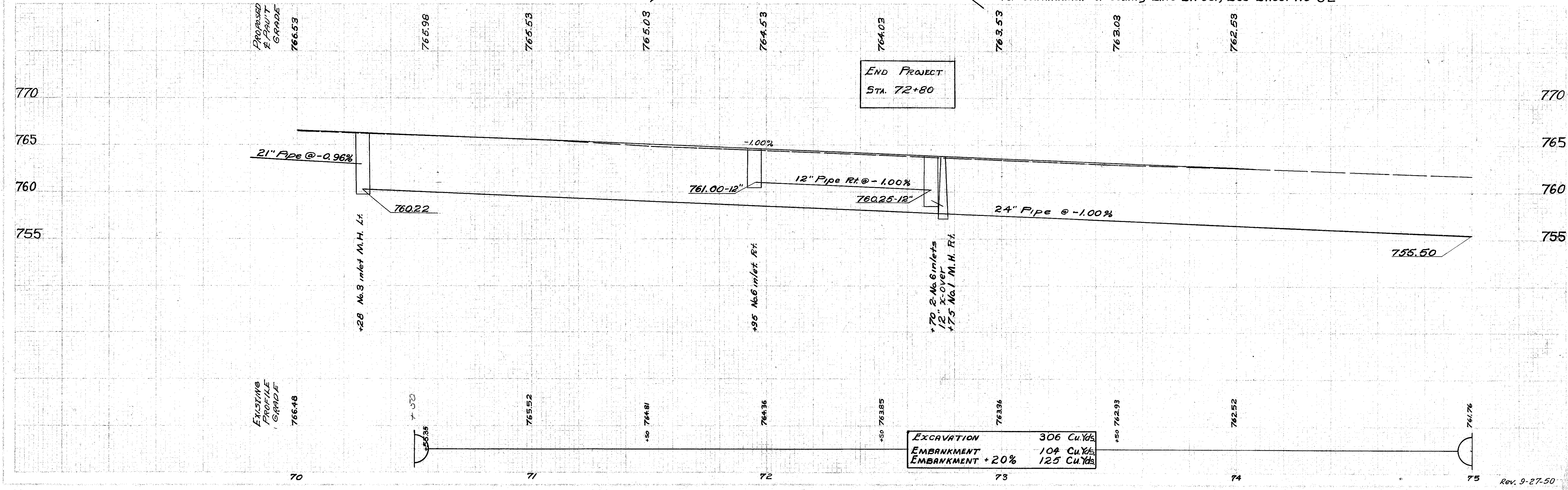


PROFILE ASH STREET

2
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-111.68(12.38)(2.62)
 HAN-12-2754 SEN-12-0.00(0.68)
 WOOD COUNTY SEN-18-1.45
 WOO-23-0.00



Note:
 For Continuation of U.S. 23 Drainage, See Sheet No. 67
 For Continuation of County Line Street, See Sheet No. 62

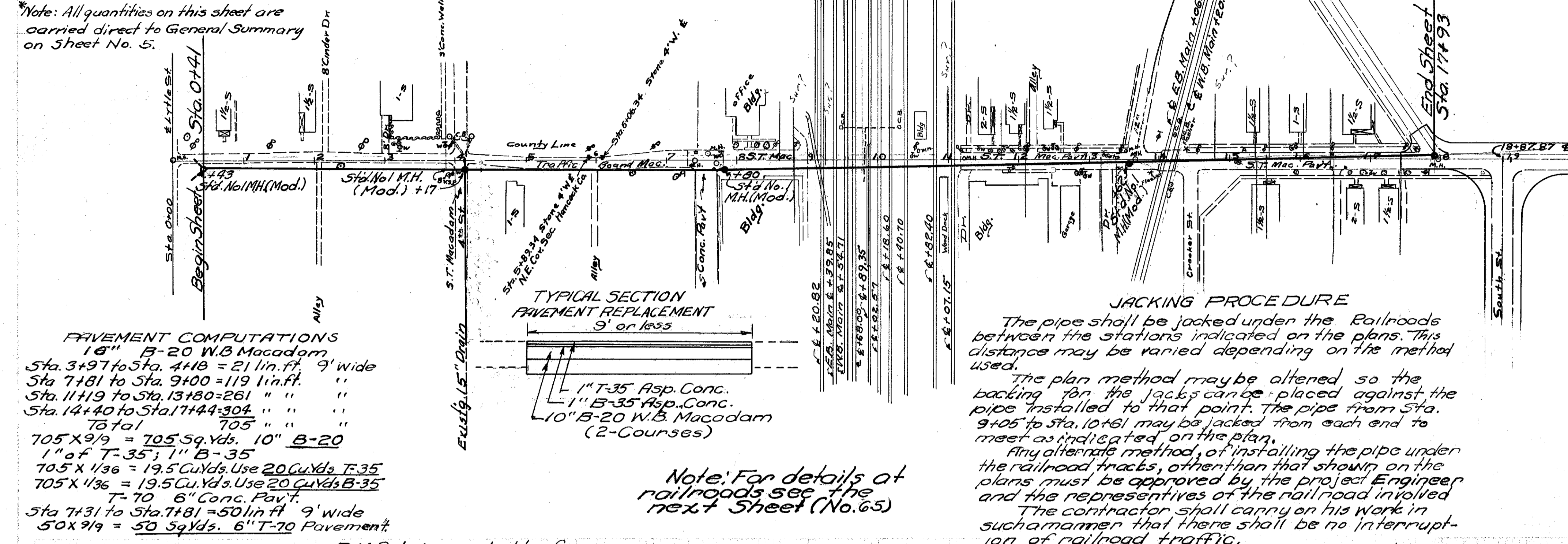


EXCAVATION	306 Cu.Yds
EMBANKMENT	104 Cu.Yds
EMBANKMENT + 20%	125 Cu.Yds

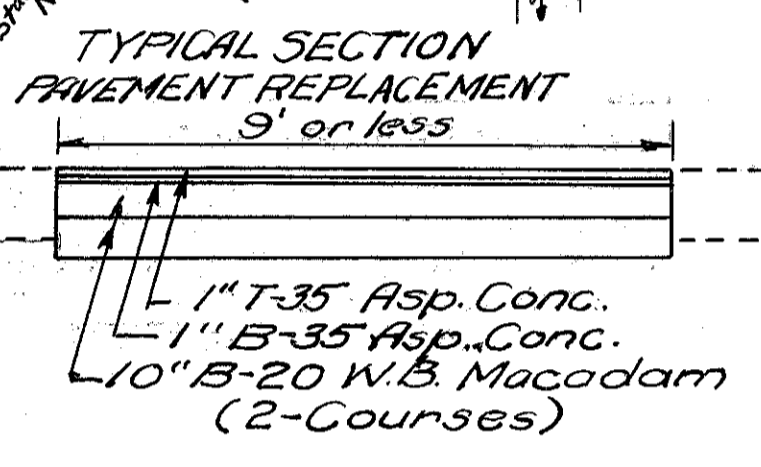
SUMMARY OF QUANTITIES

ITEM	QUANTITY	DESCRIPTION
I-2	1736 lin.ft.	48" Pipe for Storm Sewers under Pavt.
I-2	276 lin.ft.	48" Reinf. Conc. Pipe Sec.M-6.6(c) incl Jacking
I-8	4 Each	Std No.1 Manholes (Mod.)
T-35	20 Cu.Yds.	Asphaltic Concrete Surface Course, Type "C"
B-35	20 Cu.Yds.	Asphaltic Concrete Leveling Course.
T-70	50 Sq.Yds.	6" Concrete Pavement.
B-20	705 Sq.Yds.	10" Waterbound Macadam (2 Courses)

Note: All quantities on this sheet are carried direct to General Summary on Sheet No. 5.



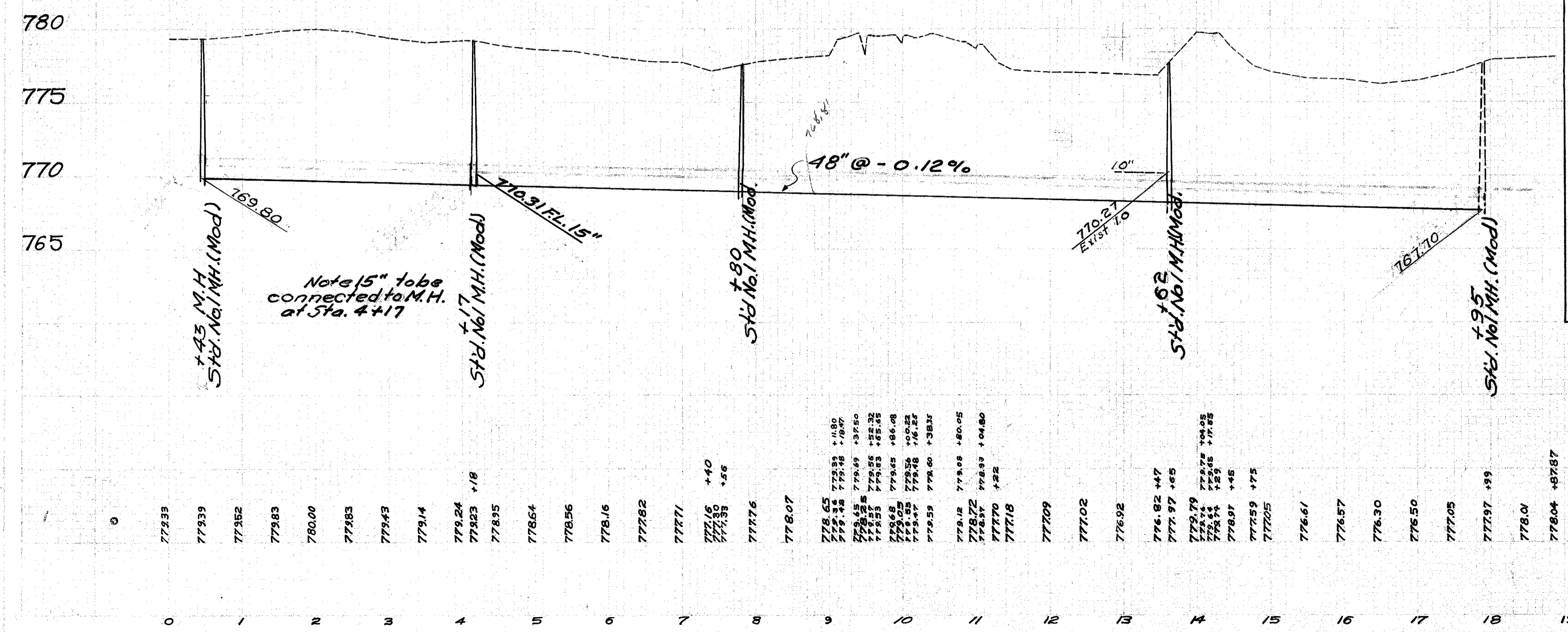
PAVEMENT COMPUTATIONS
 10" B-20 W.B. Macadam
 Sta. 3+97 to Sta. 4+18 = 21 lin.ft. 9' wide
 Sta. 7+81 to Sta. 9+00 = 119 lin.ft. " "
 Sta. 11+19 to Sta. 13+80 = 261 " " "
 Sta. 14+40 to Sta. 17+44 = 304 " " "
 Total 705 " " "
 705 x 9/9 = 705 Sq.Yds. 10" B-20
 1" of T-35; 1" B-35
 705 x 1/36 = 19.5 Cu.Yds. Use 20 Cu.Yds. T-35
 705 x 1/36 = 19.5 Cu.Yds. Use 20 Cu.Yds. B-35
 T-70 6" Conc. Pavt.
 Sta. 7+31 to Sta. 7+81 = 50 lin.ft. 9' wide
 50 x 9/9 = 50 Sq.Yds. 6" T-70 Pavement.



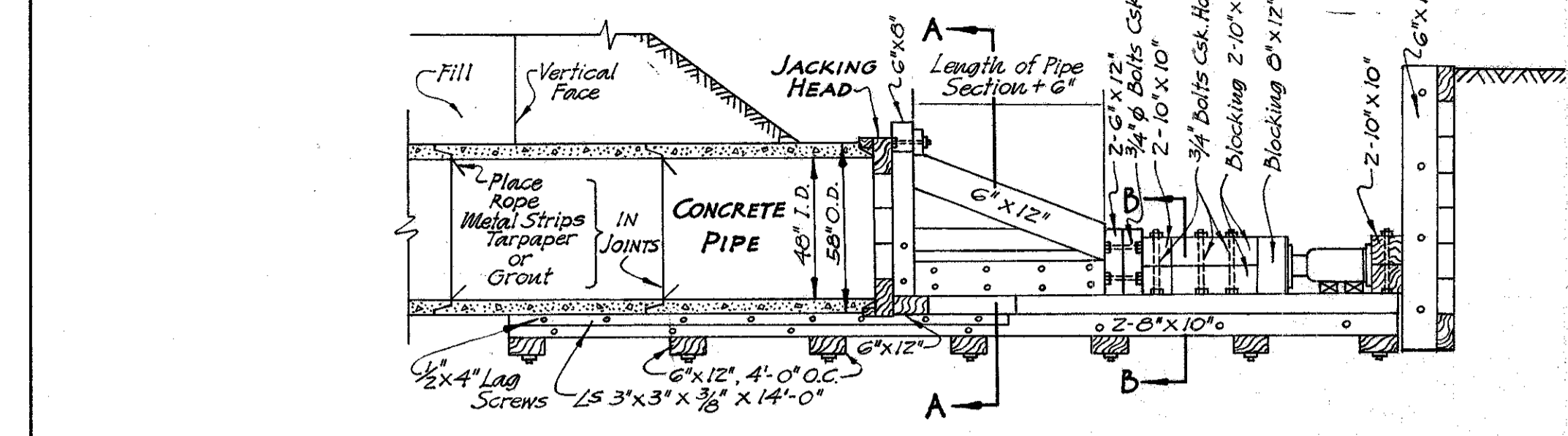
Note: For details of railroads see the next Sheet (No. 65)

JACKING PROCEDURE
 The pipe shall be jacked under the Railroads between the stations indicated on the plans. This distance may be varied depending on the method used.
 The plan method may be altered so the backing for the jacks can be placed against the pipe installed to that point. The pipe from Sta. 9+05 to Sta. 10+61 may be jacked from each end to meet as indicated on the plan.
 Any alternate method, of installing the pipe under the railroad tracks, other than that shown on the plans must be approved by the project Engineer and the representatives of the railroad involved.
 The contractor shall carry on his work in such a manner that there shall be no interruption of railroad traffic.
 The payment for jacking pipe is included with the cost per lin.ft. of 48" Reinf. Conc. Pipe Sec.M-6.6(c).

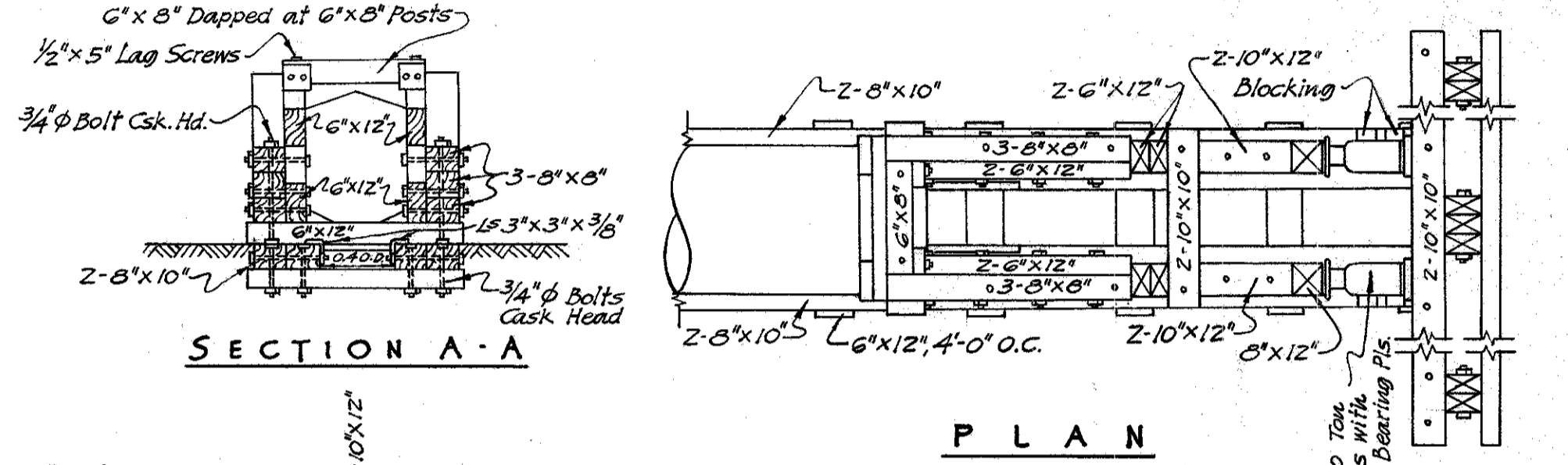
B.M. Spk. in pole Lt. of Sta. 3+90 Elev. 780.01



Note: 15" to be connected to M.H. at Sta. 4+17



SECTION ON E

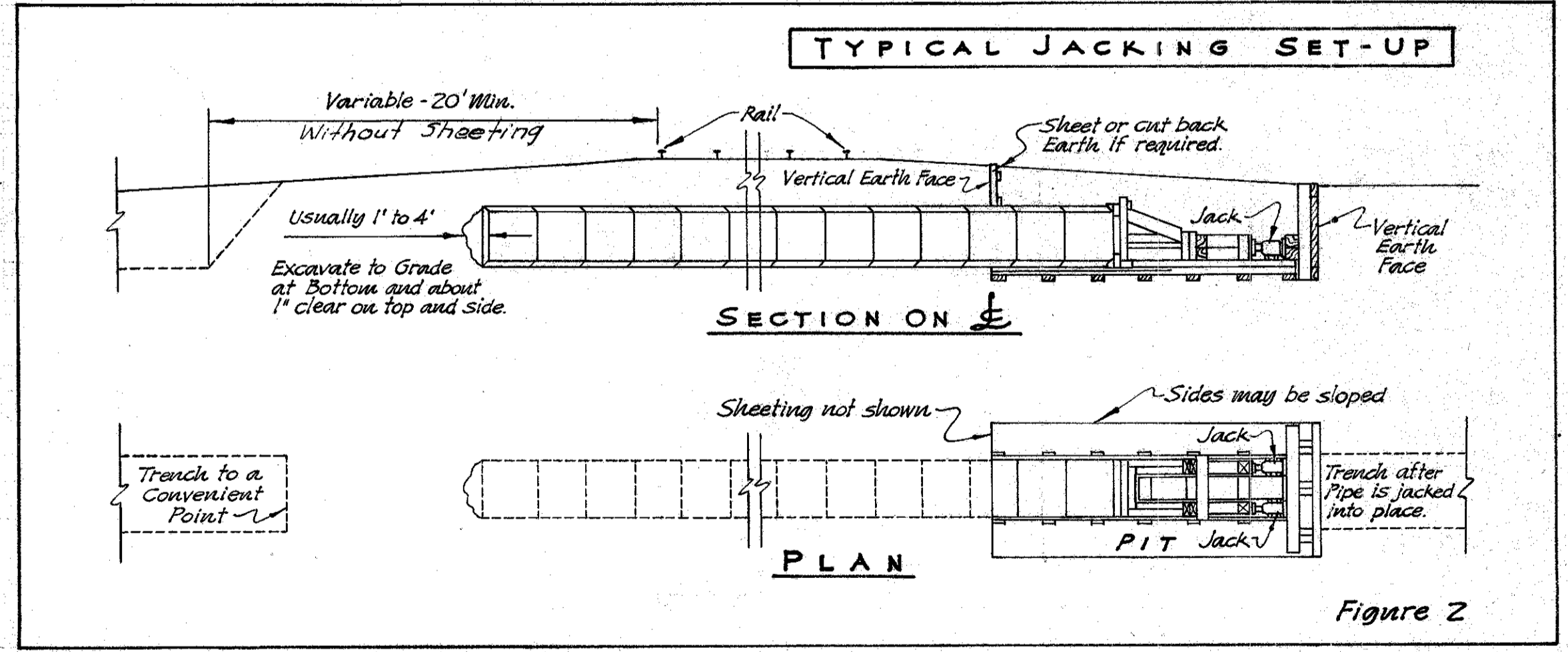


SECTION A-A

PLAN

TYPICAL JACKING SET-UP

Figure 1

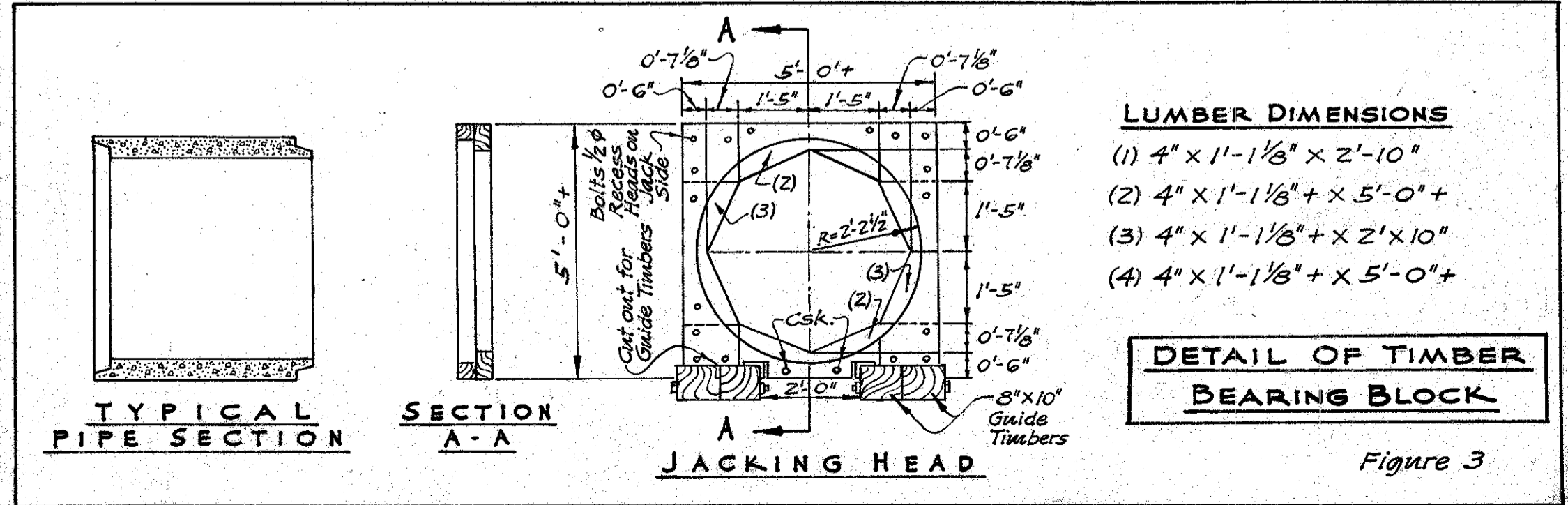


TYPICAL JACKING SET-UP

SECTION ON E

PLAN

Figure 2



TYPICAL PIPE SECTION

SECTION A-A

JACKING HEAD

LUMBER DIMENSIONS

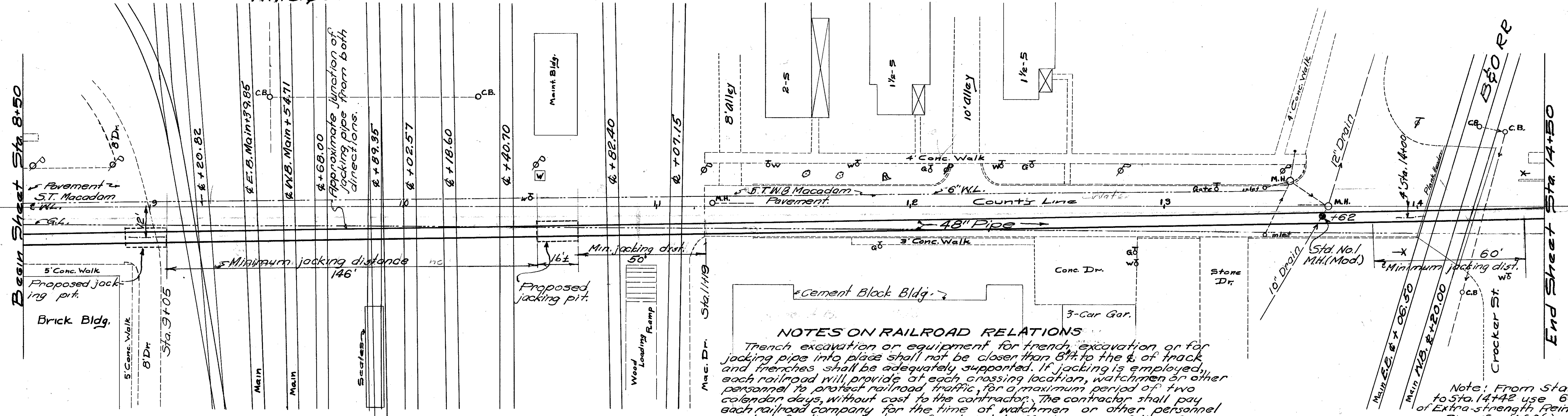
- (1) 4" x 1-1/8" x 2'-10"
- (2) 4" x 1-1/8" x 5'-0"
- (3) 4" x 1-1/8" x 2' x 10"
- (4) 4" x 1-1/8" x 5'-0"

DETAIL OF TIMBER BEARING BLOCK

Figure 3



NYC & S.L. R.R.



Note: From Sta. 9+05 to Sta. 11+19 use 216 lin. ft. Extra-strength Reinf. Conc. Pipe Sec. M-6.6 (C)

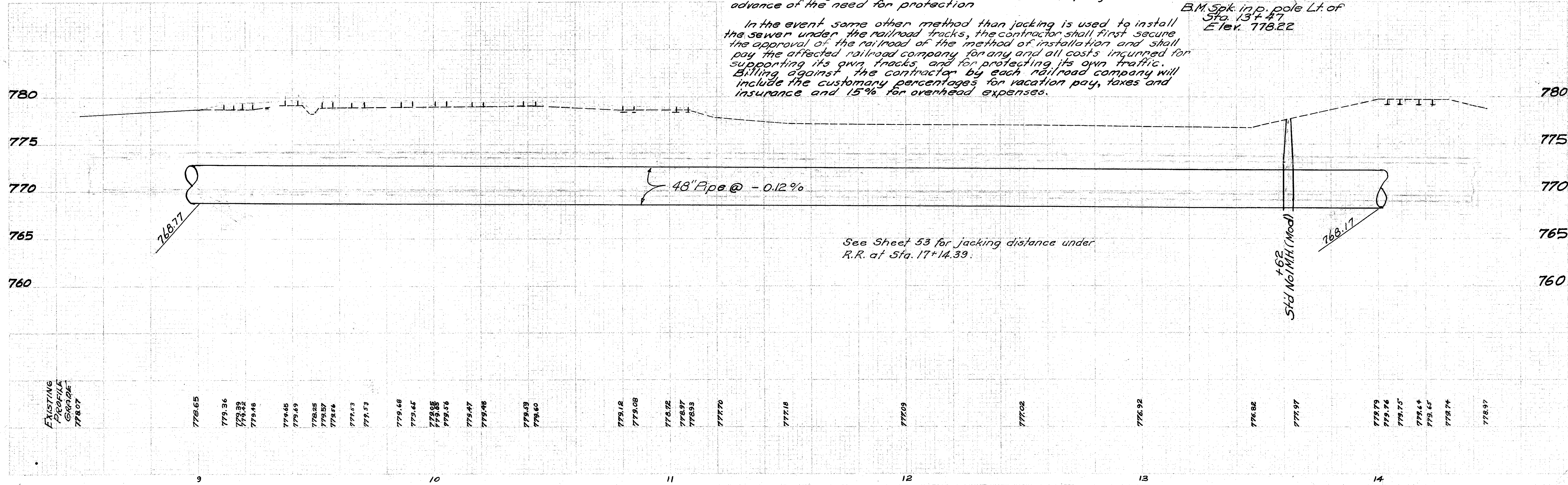
NOTES ON RAILROAD RELATIONS
 Trench excavation or equipment for trench, excavation or for jacking pipe into place shall not be closer than 8 ft. to the center of track and trenches shall be adequately supported. If jacking is employed, each railroad will provide at each crossing location, watchmen or other personnel to protect railroad traffic, for a maximum period of two calendar days, without cost to the contractor. The contractor shall pay each railroad company for the time of watchmen or other personnel needed for the protection of railroad traffic in excess of the aforesaid two calendar days at each crossing location.

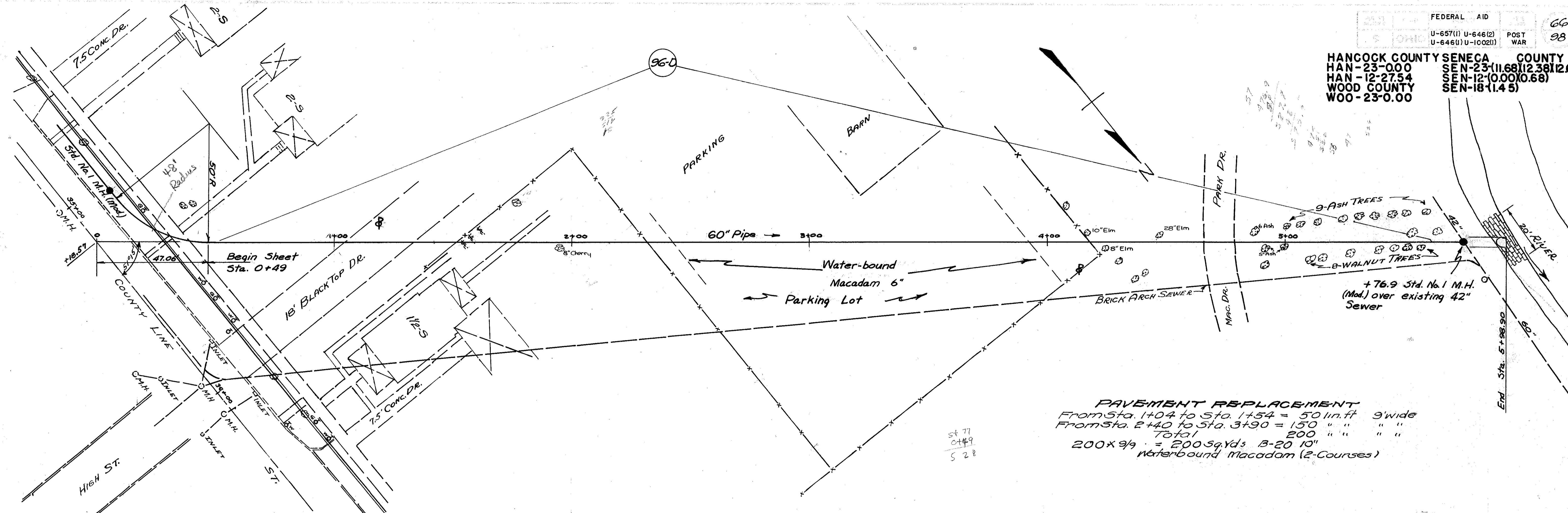
If excavation is carried ahead of the pipe piling boards shall be used with the ends shielded against cave-ins. The contractor shall notify the Division Engineer of the affected railroad company 24 hrs. in advance of the need for protection.

In the event some other method than jacking is used to install the sewer under the railroad tracks, the contractor shall first secure the approval of the railroad of the method of installation and shall pay the affected railroad company for any and all costs incurred for supporting its own tracks, and for protecting its own traffic. Billing against the contractor by each railroad company will include the customary percentages for vacation pay, taxes and insurance and 15% for overhead expenses.

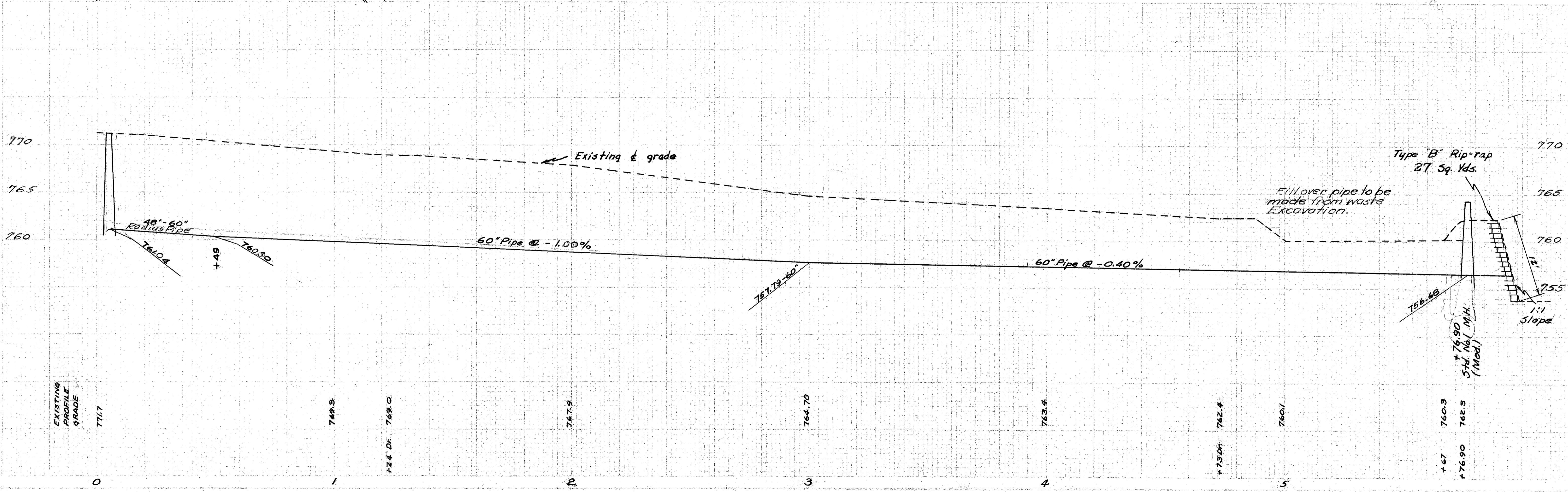
B.M. Spk. in p. pole Lt. of Sta. 13+47 Elev. 718.22

See Sheet 53 for jacking distance under R.R. at Sta. 17+14.39.

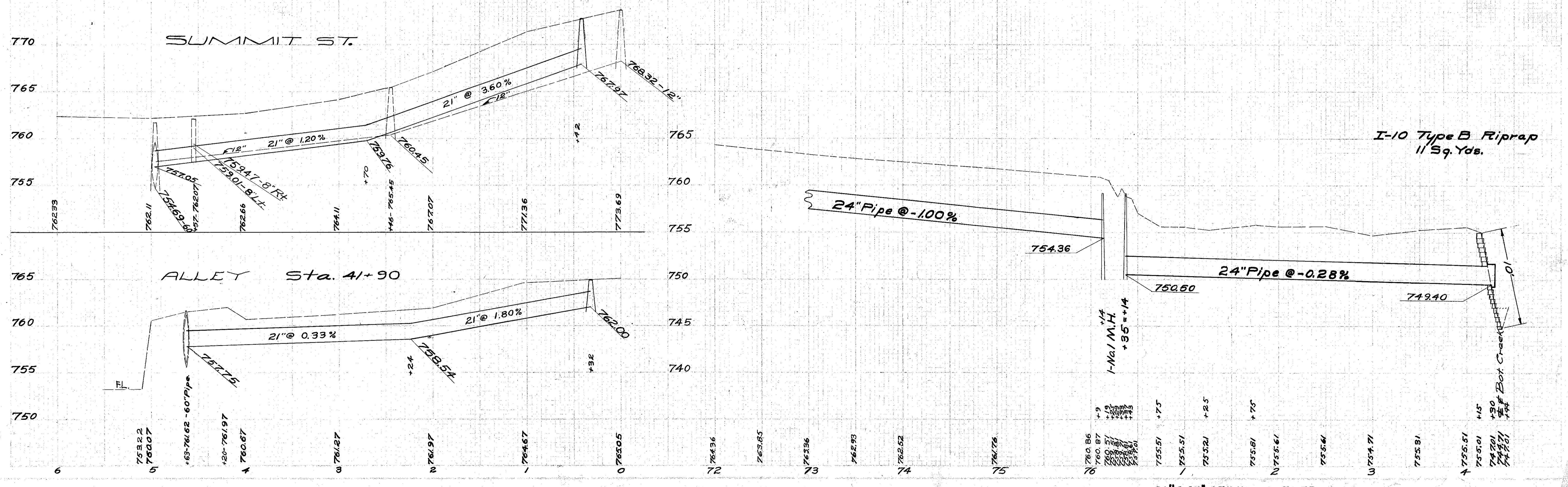
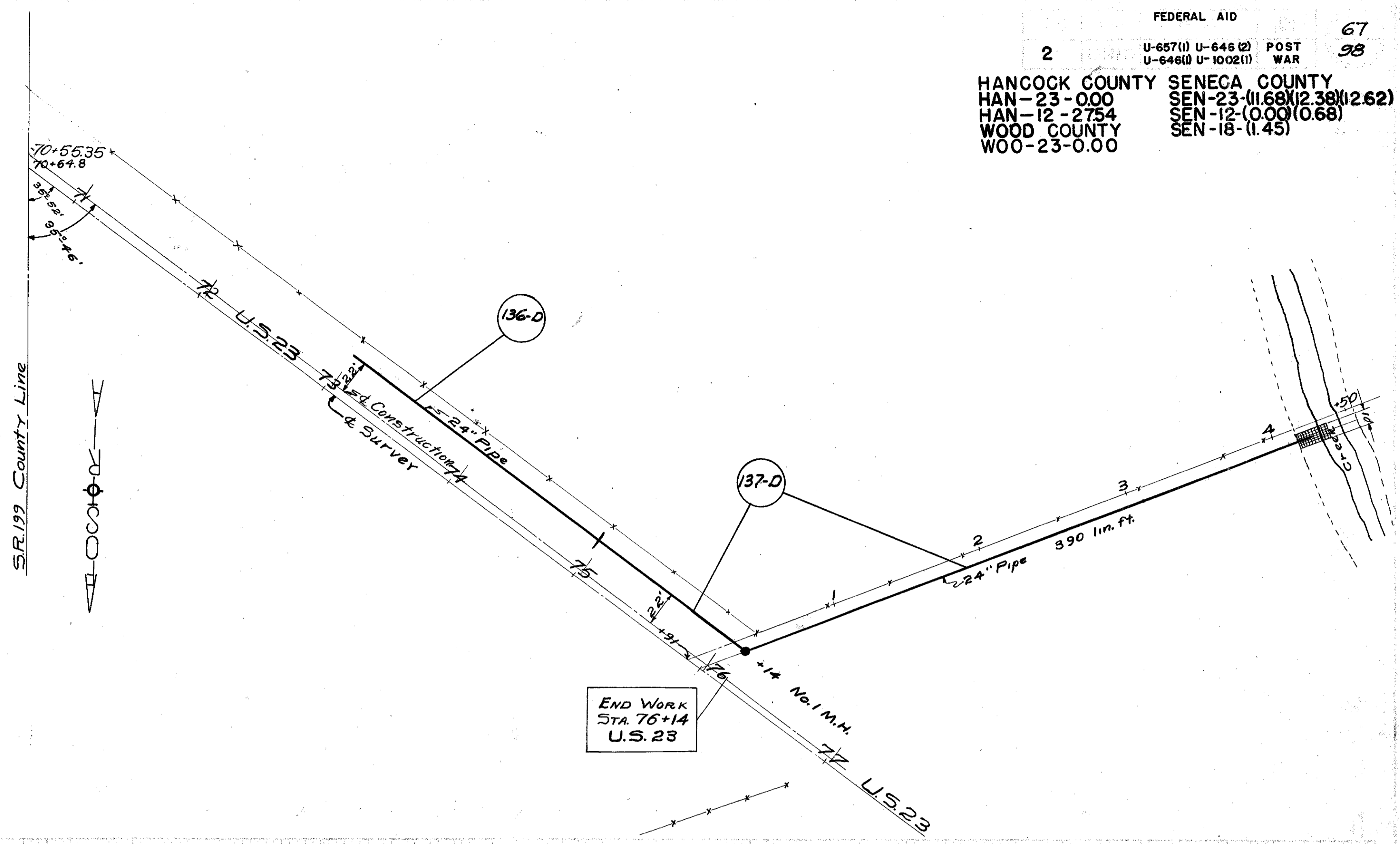
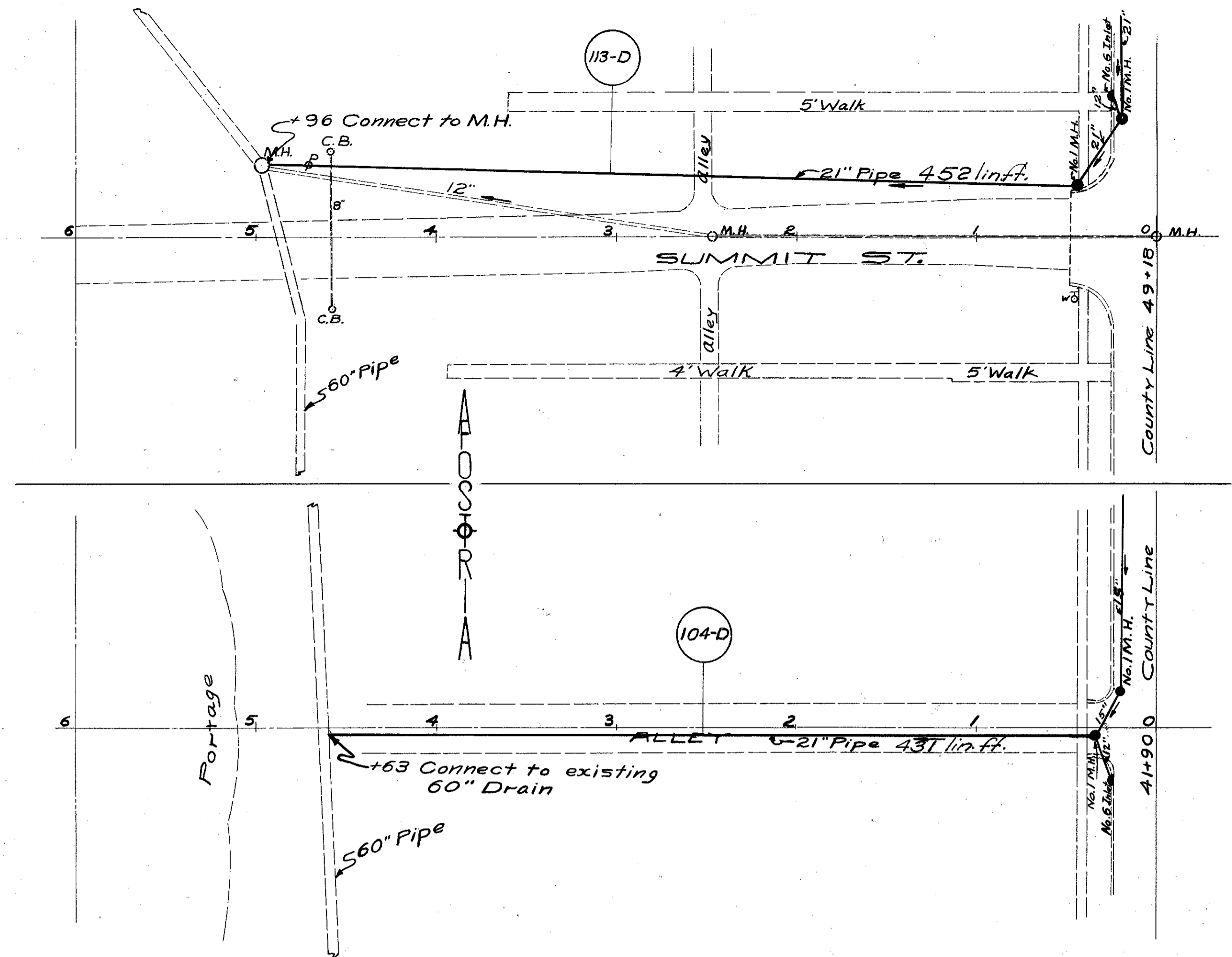




PAVEMENT REPLACEMENT
 From Sta. 1+04 to Sta. 1+54 = 50 lin. ft 9' wide
 From Sta. 2+40 to Sta. 3+90 = 150 " " " "
 Total 200 " " " "
 200 x 9/4 = 200 sq. yds B-20 10"
 Waterbound Macadam (2-Courses)



60" PIPE OUTLET DETAIL



21" & 24" SEWER OUTLET DETAILS

SEEDING
WIDTH 50 Yds

North
70 60 50 40 30 20 10

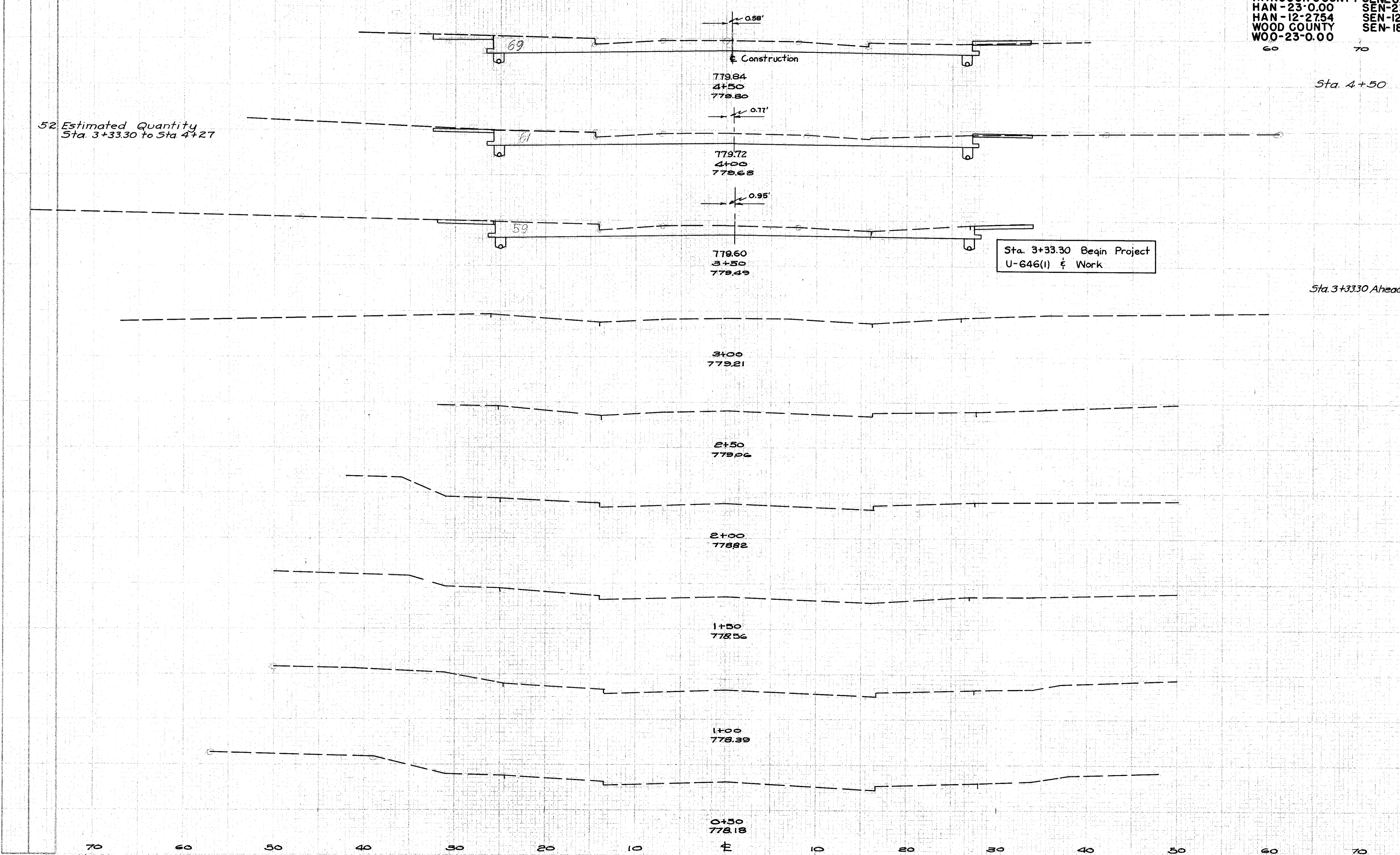
South
10 20 30 40 50

FEDERAL AID
2
U-657(1) U-646(2) POST 68
U-646(1) U-1002(1) WAR 98
HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23(11.68)(12.36)(12.62)
HAN-12-2754 SEN-12(10.00)(0.68)
WOOD COUNTY SEN-18(1.45)
WO-23-0.00

52 Estimated Quantity
Sta. 3+33.30 to Sta. 4+27

Sta. 3+33.30 Begin Project
U-646(1) & Work

Sta.	End Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
Sta. 4+50	69	0		
			120	0
	61	0		
			111	0
	59	0		
			18	0
Sta. 3+33.30 Ahead	59	0		



North
70 60 50 40 30 20 10

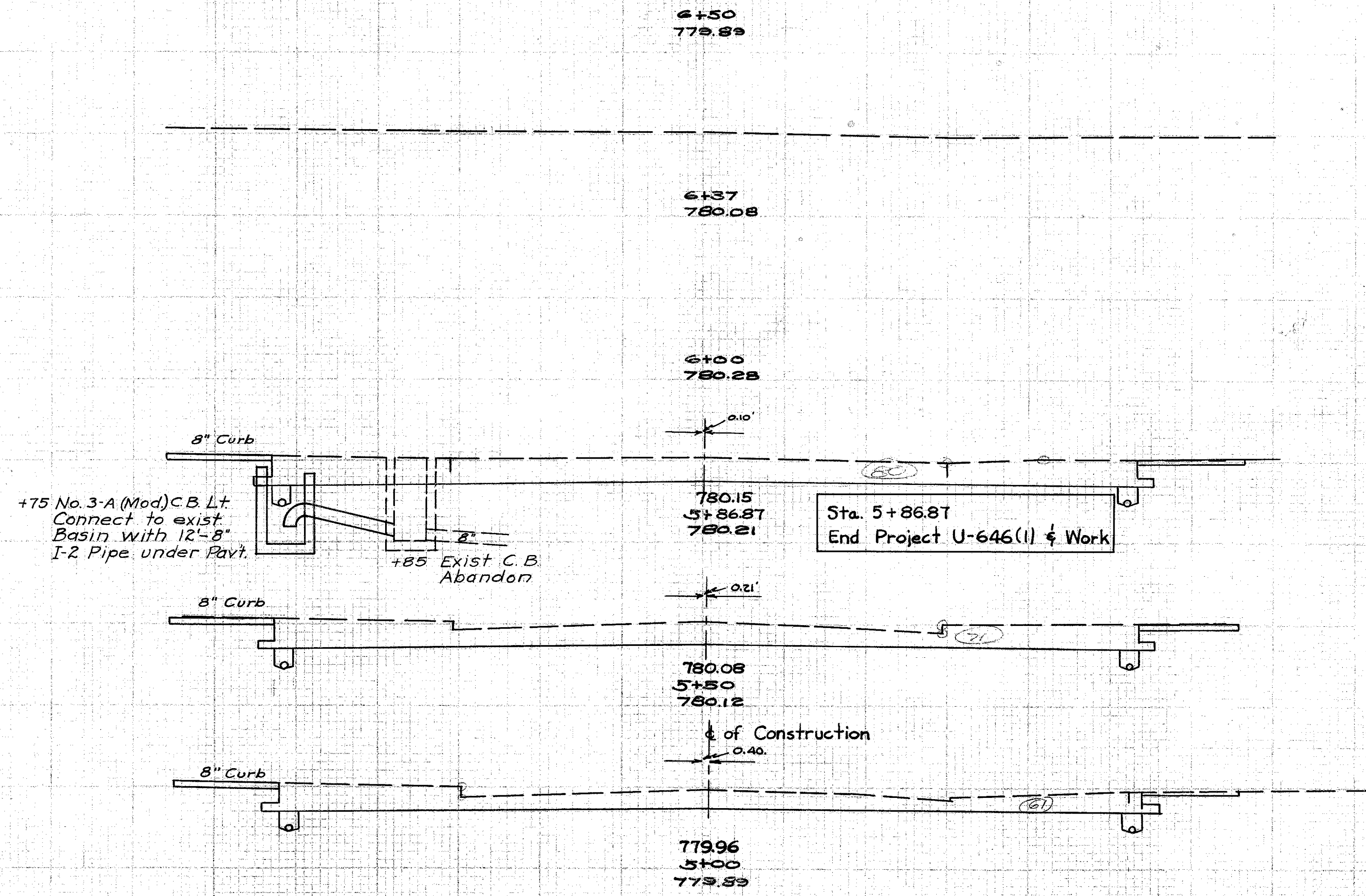
South
10 20 30 40 50 60 70

North
50 40 30 20 10 0 10 20 30 40 50

South
50 40 30 20 10 0 10 20 30 40 50

FEDERAL AID
 2
 U-657(1) U-646(2) POST 69
 U-646(1) U-1002(1) WAR 98
 HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23-11.68(12.38)(12.62)
 HAN-12-27.54 SEN-12-10.00(10.68)
 WOOD COUNTY SEN-18-11.45
 WOO-23-0.00

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill



Sta. 5+86.87 Back 80 0
 Add for Intersection 5 0

103 0

71 0

122 0

61 0

120 0

Sta. 4+50 69 0

70 North

60

50

40

30

20

10

0 of Survey

10

20

30

40

50

60

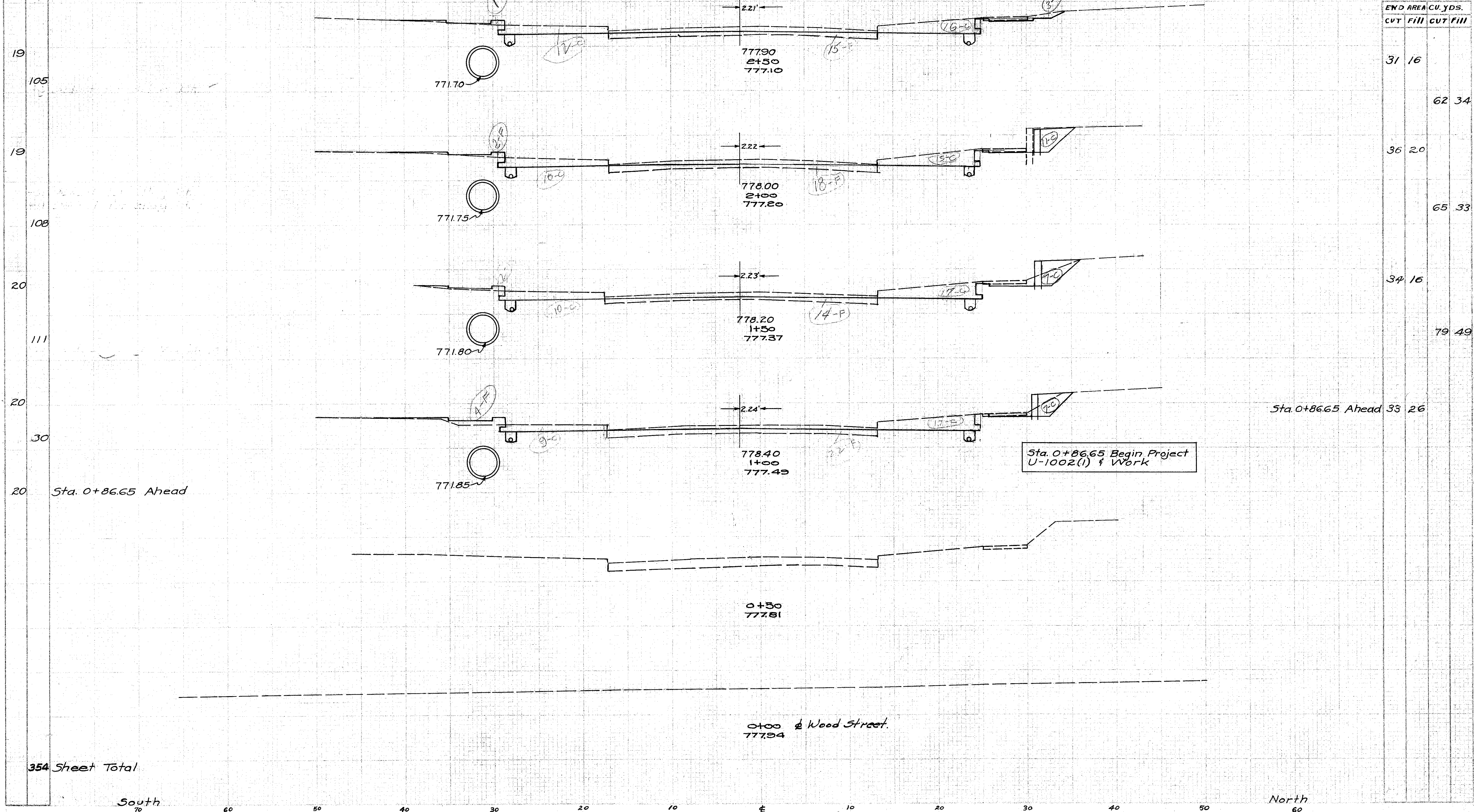
70 South

East South St.

Sta. 5+00 to Sta. 7+00

SEEDING
WIDTH 8' 1/2"

FEDERAL AID PROJECT
U-657(1) U-646(2) POST 70
U-646(1) U-1002(1) WAR 98
HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(10.00)(0.68)
WOOD COUNTY SEN-18(1.45)
WOO-23-0.00



END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
31	16		
		62	34
36	20		
		65	33
34	16		
		79	49
33	26		

Sta. 0+86.65 Begin Project U-1002(1) & Work

Sta. 0+86.65 Ahead 33 26

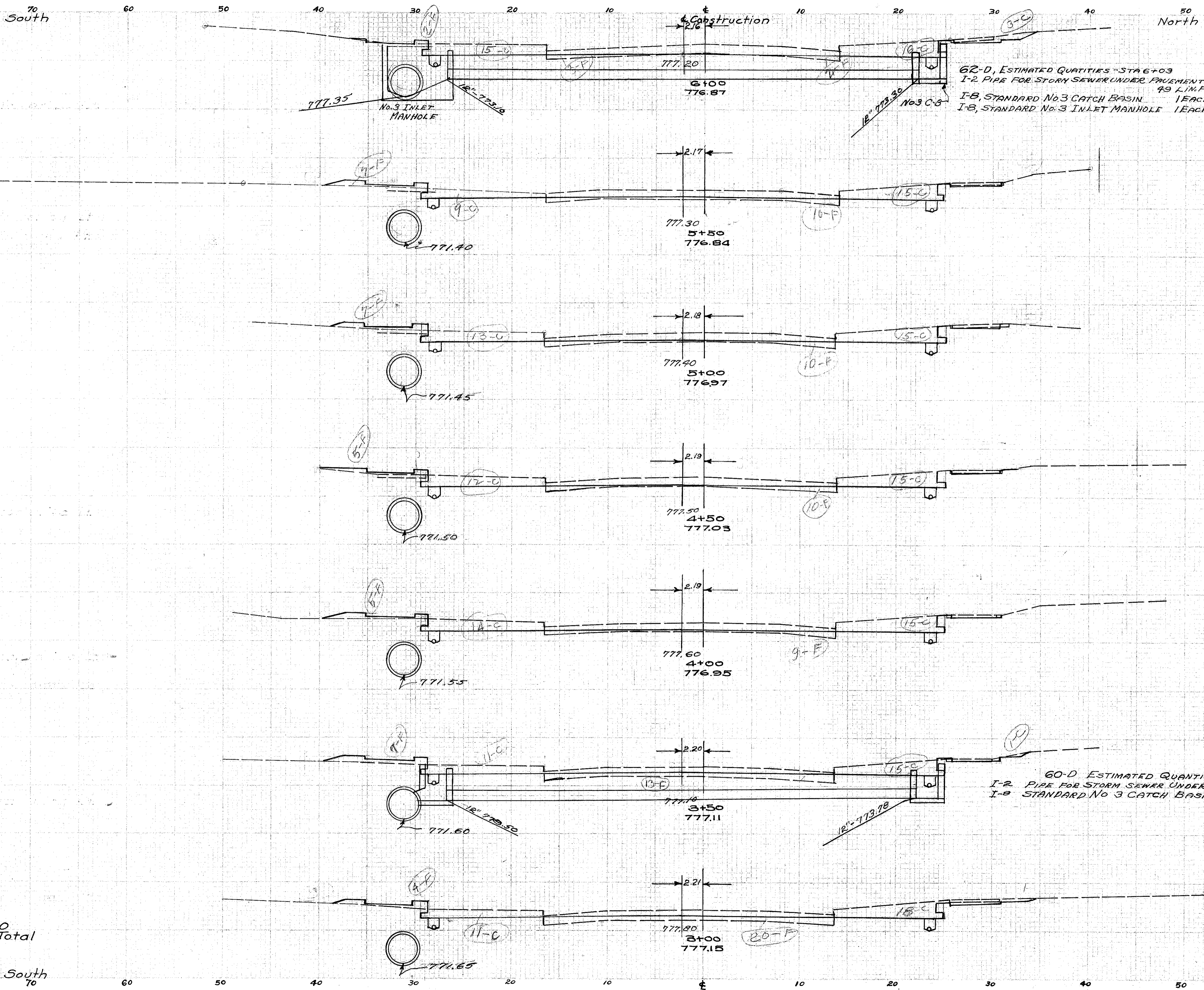
Sta. 0+86.65 Ahead

0+50
777.81

0+00 & Wood Street
777.94

354 Sheet Total

SEEDING	WIDTH	Sta. Yds.
16		
83		
14		
75		
13		
77		
15		
80		
14		
86		
17		
95		
17		
100		
19		



FEDERAL AID PROJECT
 U-637(1) U-646(2) POST WAR
 U-646(1) U-1002(1)

71
 98

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(11.68)(1238)(12.62)
 HAN-12-27.54 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

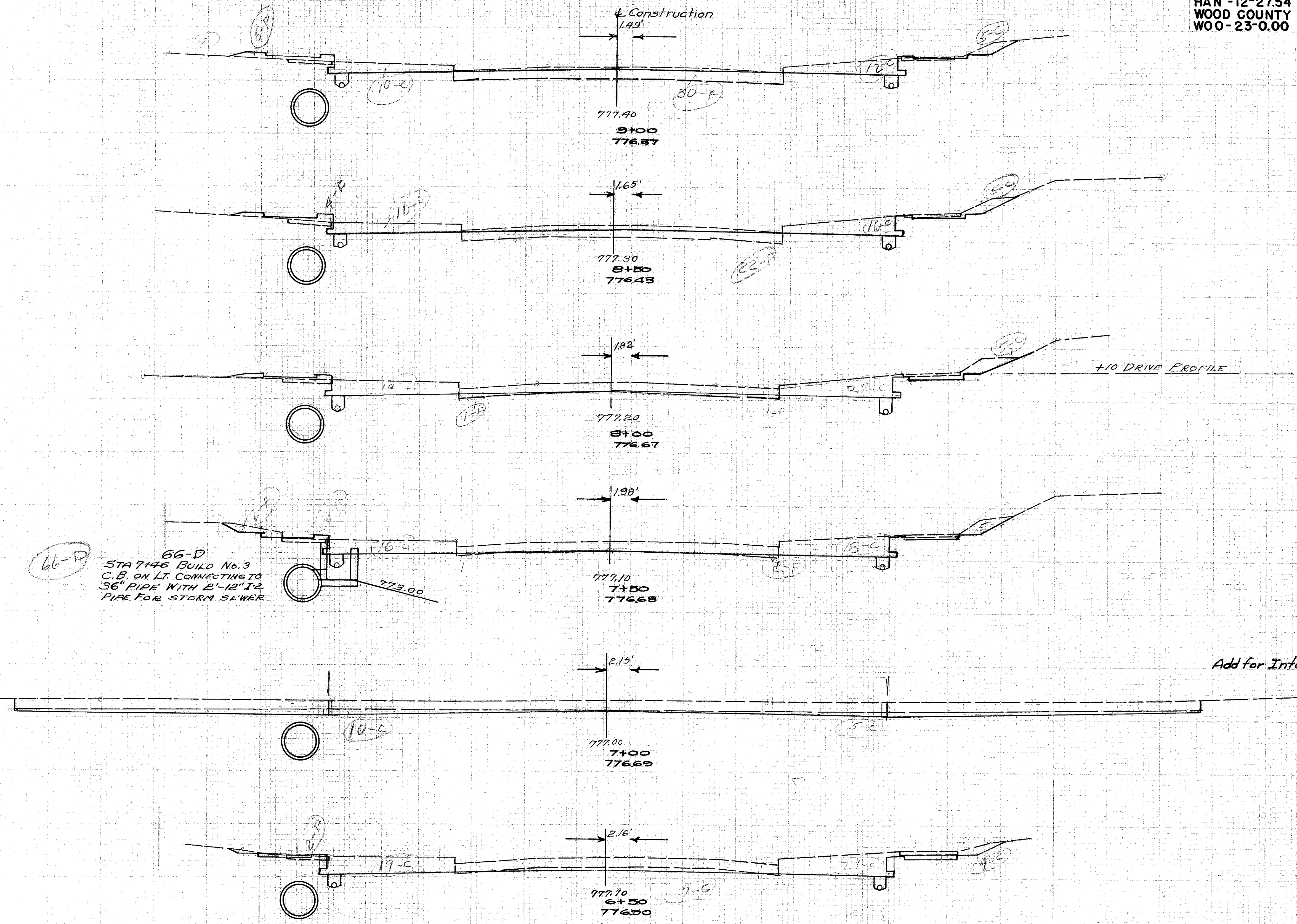
END AREA	CV. YDS.	
	CUT	FILL
6+00	34	7
		53 22
5+50	24	17
		48 32
		28 17
		51 30
		27 15
		52 27
		29 14
		52 32
		27 20
		52 41
		29 24
		55 37
STA. 2+50	31	16

Sta. 2+50
 596 Sheet Total

Seeding
 Lift Size
 18
 108
 21
 114
 20
 122
 24
 228
 -20 Deduct for Union St
 17
 91
 16 Sta. 6+00
 643 Sheet Total

70 South 60 50 40 30 20 10 0 10 20 30 40 50 North

FEDERAL AID PROJECT
 U-657(1) U-646(2) POST 72
 U-64 6(1) U-1002(1) WAR 98
 HANCOCK COUNTY SENECA COUNTY
 HAN -23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN -12-27.54 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00



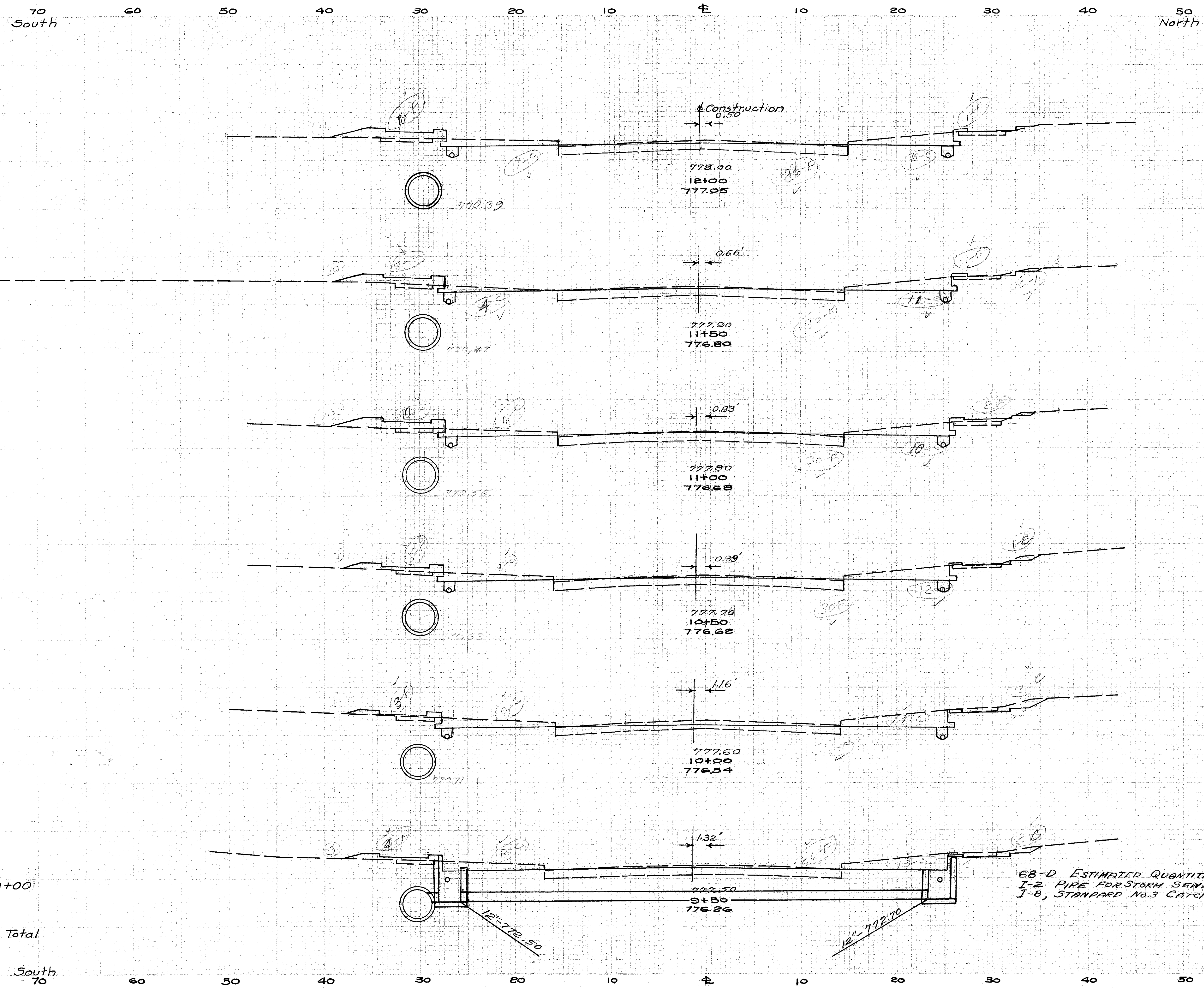
End Area	Cu Yds	
	Cut	Fill
9+00	27	35
		54
		57
	31	26
		76
		26
	51	2
		83
		7
	39	6
		50
		6
		35
		0
	15	0
		61
		2
	51	2
		78
		9
STA. 6+00	34	7

South 70 60 50 40 30 20 10 0 10 20 30 40 50 North

West South St. STA. 6+50 to STA. 9+00

FEDERAL AID PROJECT 73
 U-657(1) U-646(2) Post WAR 98
 U-648(1) U-1002(1)
 HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23-1168(12.38)(12.62)
 HAN-12-2754 SEN-12-10.00(0.68)
 WOOD COUNTY SEN-18-1.45
 WOO-23-0.00

Seeding
 Lin. Ft. Sq. Yds.
 18
 100
 18
 100
 18
 97
 17
 94
 17
 94
 17
 97
 18
 Sta. 9+00
 582 Sheet Total



End Area	Cu. Yds.	
	Cut	Fill
17	37	
30	70	
16	39	
30	75	
16	42	
35	71	
21	35	
44	52	
26	21	
45	47	
23	30	
47	60	
27	35	

68-D ESTIMATED QUANTITIES - STA. 9+45
 I-2 PIPE FOR STORM SEWER UNDER PAVT. 5' LIN. FT. 2 EACH
 I-8, STANDARD No. 3 CATCH BASIN

Sta. 9+00

Seeding
Lin. Ft. Sq. Yds.

70 South 60 50 40 30 20 10 ± 10 20 30 40 50 North

FEDERAL AID PROJECT
U-657 (1) U-646(2)
U-646(1) U-1002(1) POST WAR

74
98

HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-(11.68)(2.38)(2.62)
HAN-12-27.54 SEN-12-(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill

9 Sta. 13+00 Back

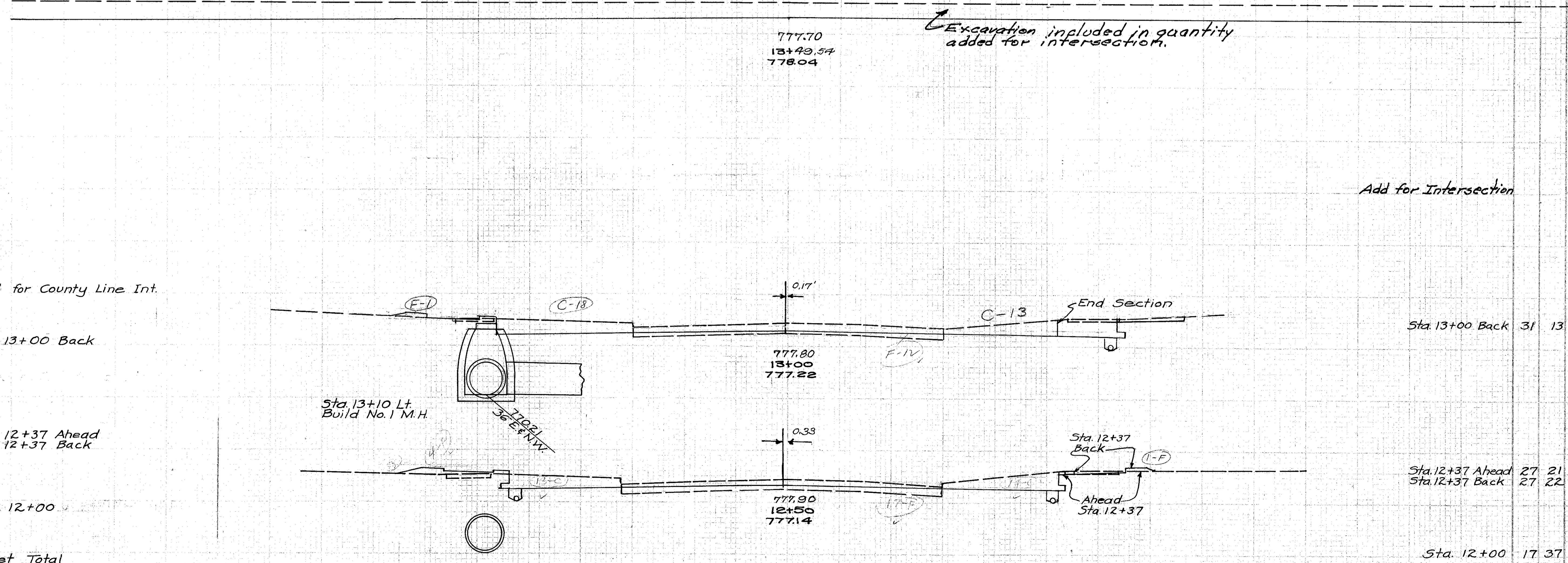
10 Sta. 12+37 Ahead

17 Sta. 12+37 Back

72 Sta. 12+00

18

296 Sheet Total



777.70
13+49.57
778.04

Excavation included in quantity added for intersection.

Add for Intersection 425 30

224 Add for County Line Int.

Sta. 13+00 Back 31 13

Sta. 13+10 Lt. Build No. 1 M.H.
36' E.F.N.W.

777.80
13+00
777.22

Sta. 12+37 Ahead 27 21
Sta. 12+37 Back 27 22

777.90
12+50
777.14

30 40

Sta. 12+00 17 37

South 70 60 50 40 30 20 10 ± 10 20 30 40 50 North 60

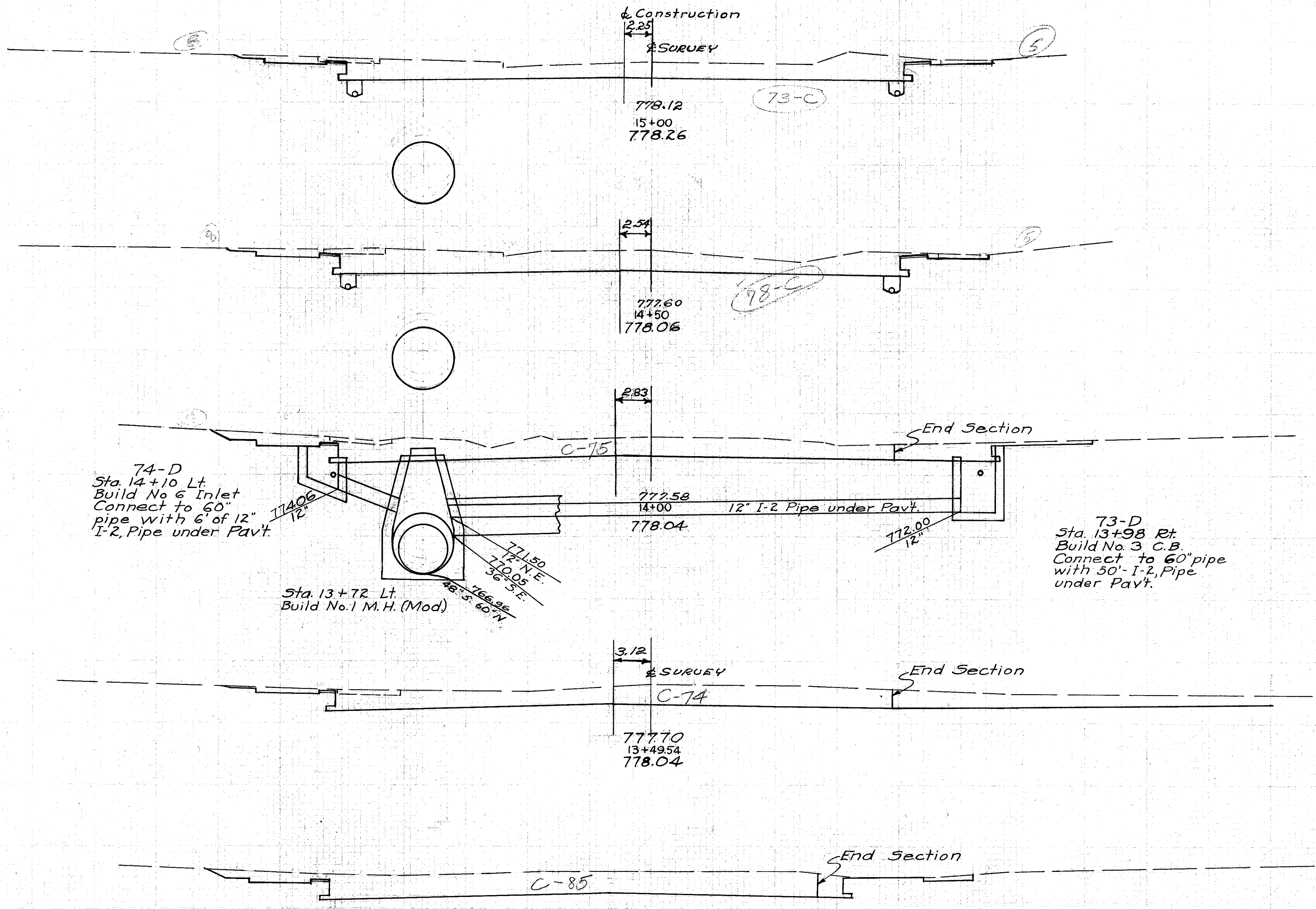
West South St. STA. 12+50 to STA. 13+50

Seeding
Width Se. Yds.

13
72
13
8
97
9
97
8
97
9

Sta. 14+50 Ahead
Sta. 14+50 Back

50' S. of Sta. 13+49.54 Ahead



FEDERAL AID
2
U-657(I) U-646(2) POST
U-646(I) U-1002(I) WAR

HANCOCK COUNTY
HAN - 23-0.00
HAN - 12-27.54
WOOD COUNTY
WOO-23-0.00

SENECA COUNTY
SEN-23(11.68)(12.38)(12.62)
SEN-12(10.00)(0.68)
SEN-18(1.45)

End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
74	1		142 2
79	1		144 2
76	1		140 2
75	1		149 2
86	1		

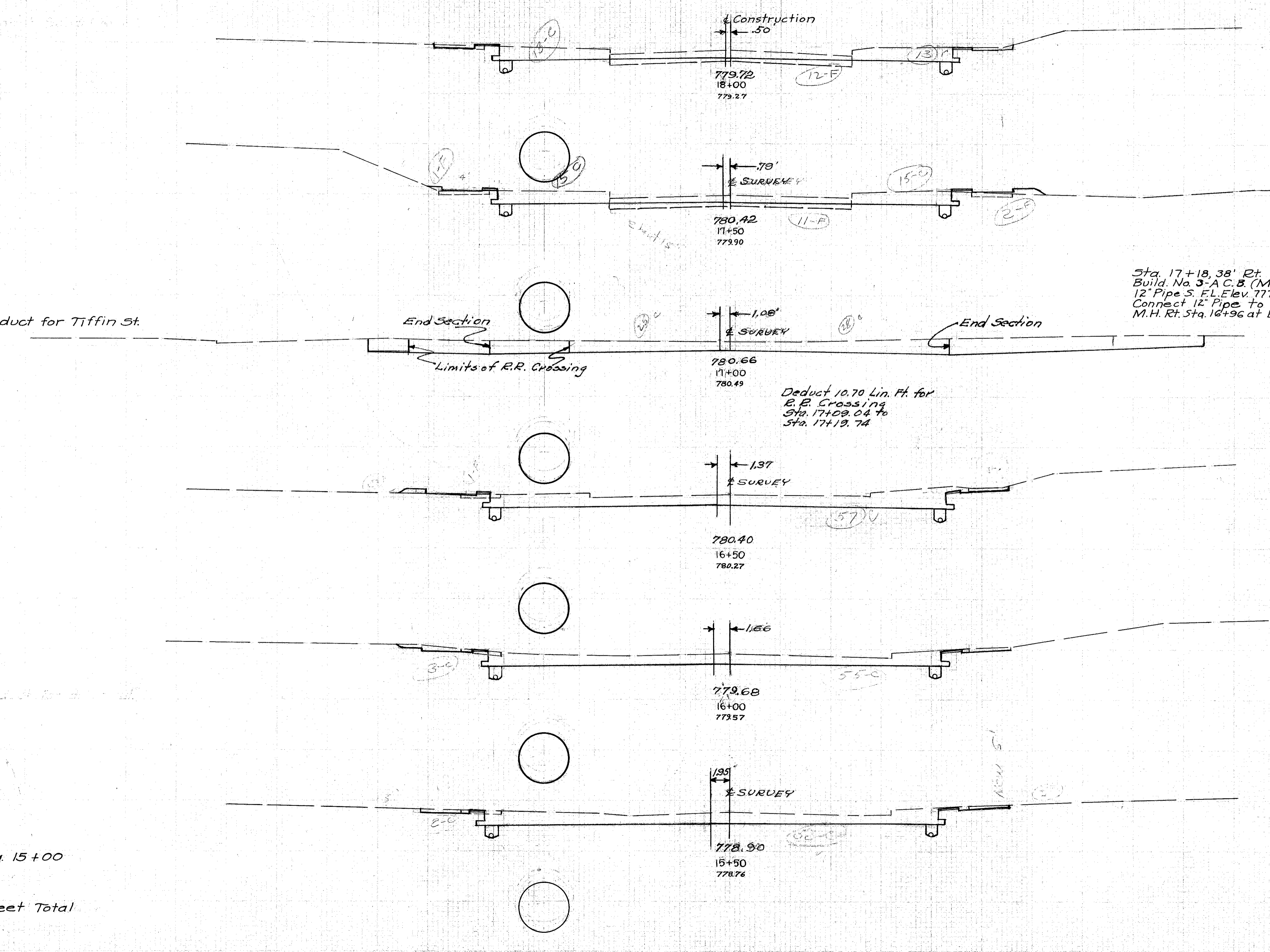
363 Sheet Total

Seeding	Width	Sq. Yds.
	10	67
	14	
	150	
	13	72
	13	64
	10	64
	13	
	13	

FEDERAL AID
 PROJECT
 U-657(1) U-646(2) POST 76
 U-646(1) U-1002(1) 98

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(2.38)(2.62)
 HAN-12-2754 SEN-12(10.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

End Area	Cu. Yds.	
	Cut	Fill
27	13	
		54 26
31	15	
		47 8
53	0	
		0 0
53	0	
		70 0
	122	2
58	2	
		109 3
		59 1
		107 2
		56 1
		121 2
74	1	



Sta. 17+18, 38' Rt.
 Build. No. 3-A.C.B. (Mod.)
 12" Pipe S.F.L. Elev. 777.00
 Connect 12" Pipe to Exist.
 M.H. Rt. Sta. 16+96 at Elev. 771.70

17+19.74
 R.R. Deducting
 10.70 Lin. Ft.
 Add for Intersection

-31 Deduct for Tiffin St.

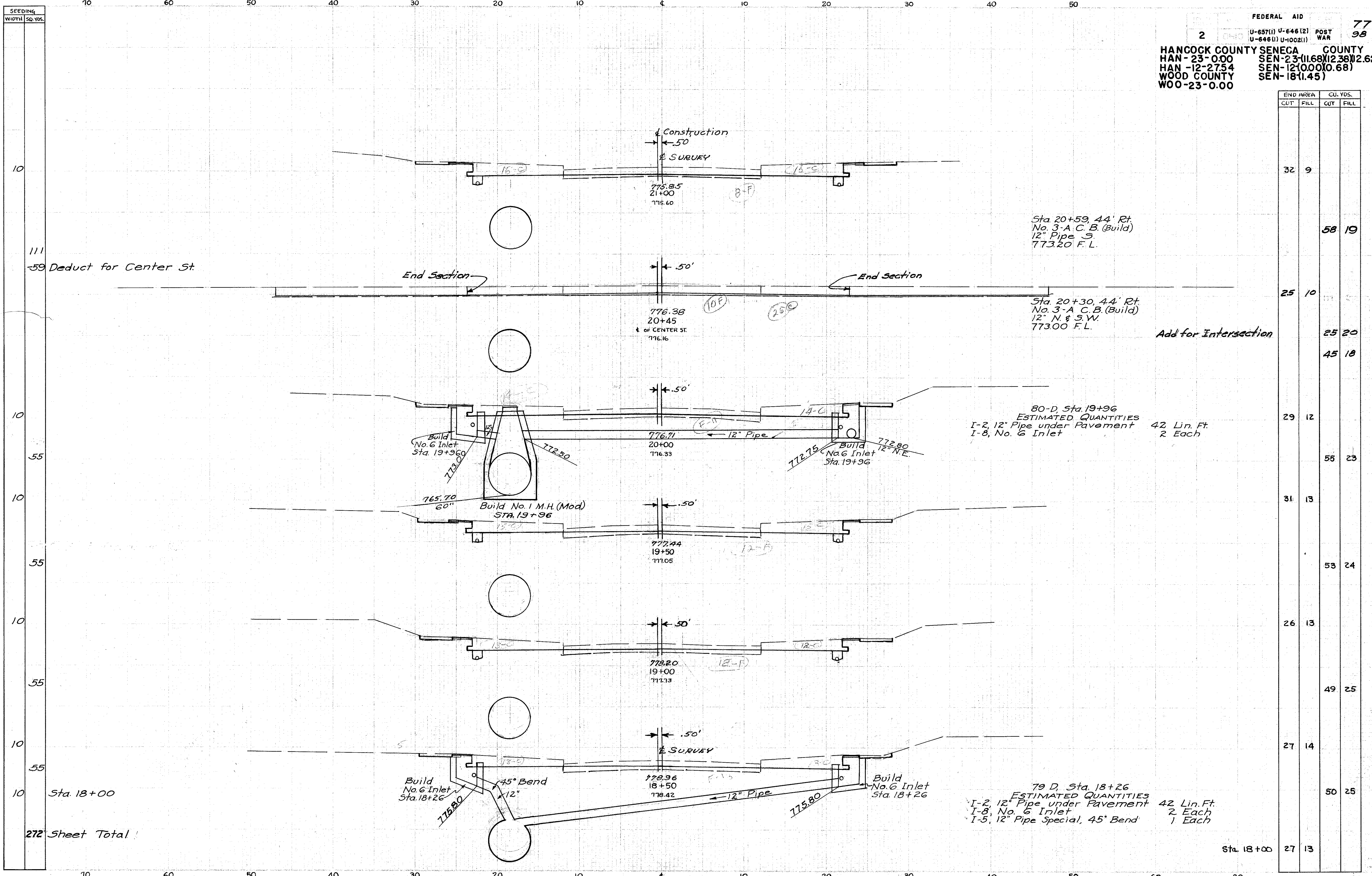
Deduct 10.70 Lin. Ft. for
 R.R. Crossing
 Sta. 17+09.04 to
 Sta. 17+19.74

Sta. 15+00

Sta. 15+00

386 Sheet Total

FEDERAL AID 77
 2 U-657(1) U-646(2) POST 98
 U-646(1) U-1002(1) WAR
 HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00



111
 -59 Deduct for Center St

Sta. 20+59, 4.4' Rt.
 No. 3-A C.B. (Build)
 12" Pipe S.
 773.20 F.L.

Sta. 20+30, 4.4' Rt.
 No. 3-A C.B. (Build)
 12" N. & S.W.
 773.00 F.L.

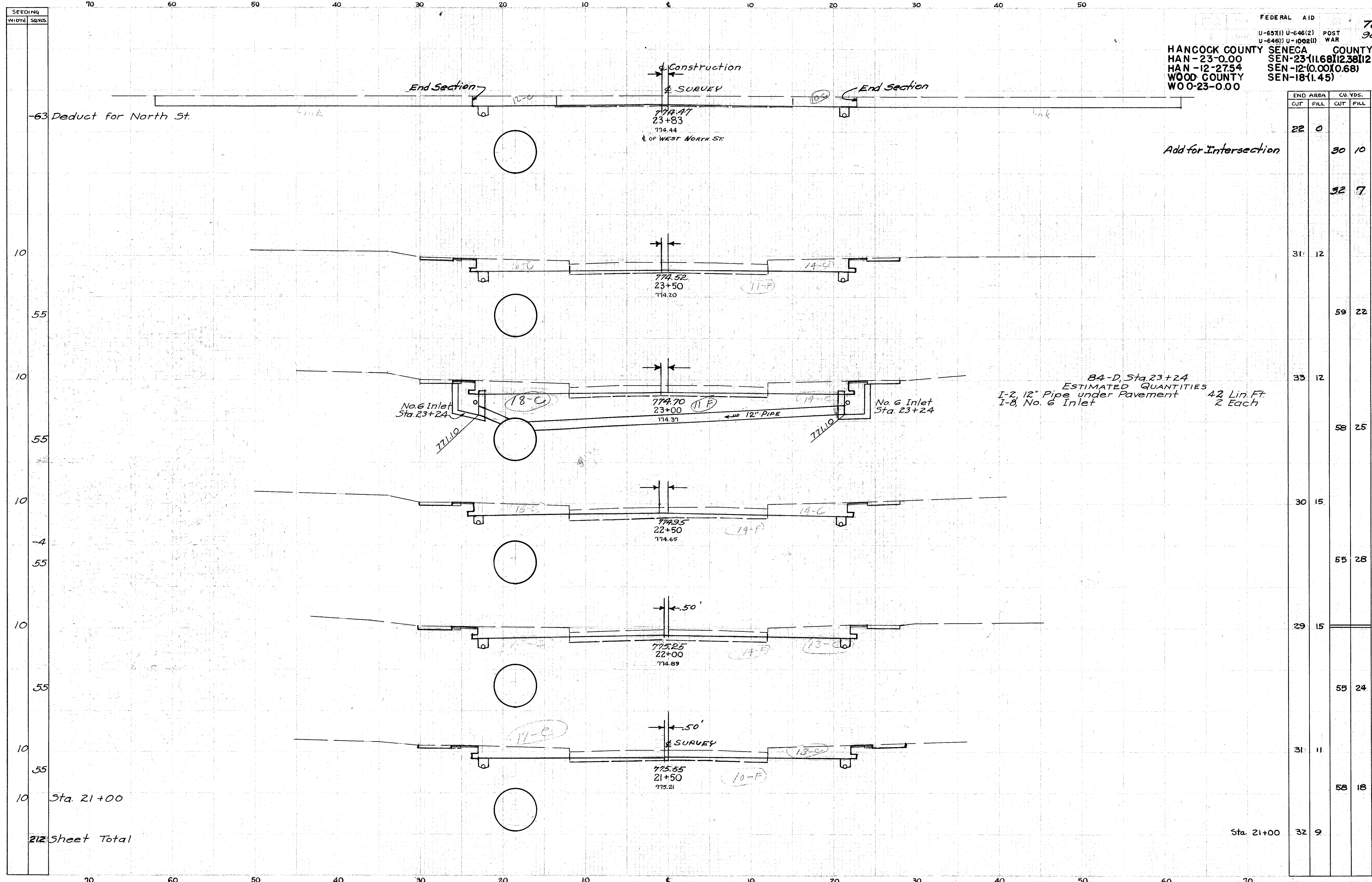
80-D, Sta. 19+96
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavement 42 Lin. Ft.
 I-8, No. 6 Inlet 2 Each

79 D, Sta. 18+26
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavement 42 Lin. Ft.
 I-8, No. 6 Inlet 2 Each
 I-5, 12" Pipe Special, 45° Bend 1 Each

END AREA	CU. YDS.	
	CUT	FILL
32	9	
		58 19
25	10	
		25 20
		45 18
29	12	
		55 23
31	13	
		53 24
26	13	
		49 25
27	14	
		50 25
Sta. 18+00	27	13

272 Sheet Total!

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-11.68(12.38)(12.62)
 HAN-12-27.54 SEN-12-0.00(0.68)
 WOOD COUNTY SEN-18-1.45
 WO 0-23-0.00



-63 Deduct for North St.

Construction
 SURVEY
 774.47
 23+83
 774.44
 E of WEST NORTH ST.

Add for Intersection

84-D, Sta. 23+24
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavement 42 Lin. Ft.
 I-8, No. 6 Inlet 2 Each

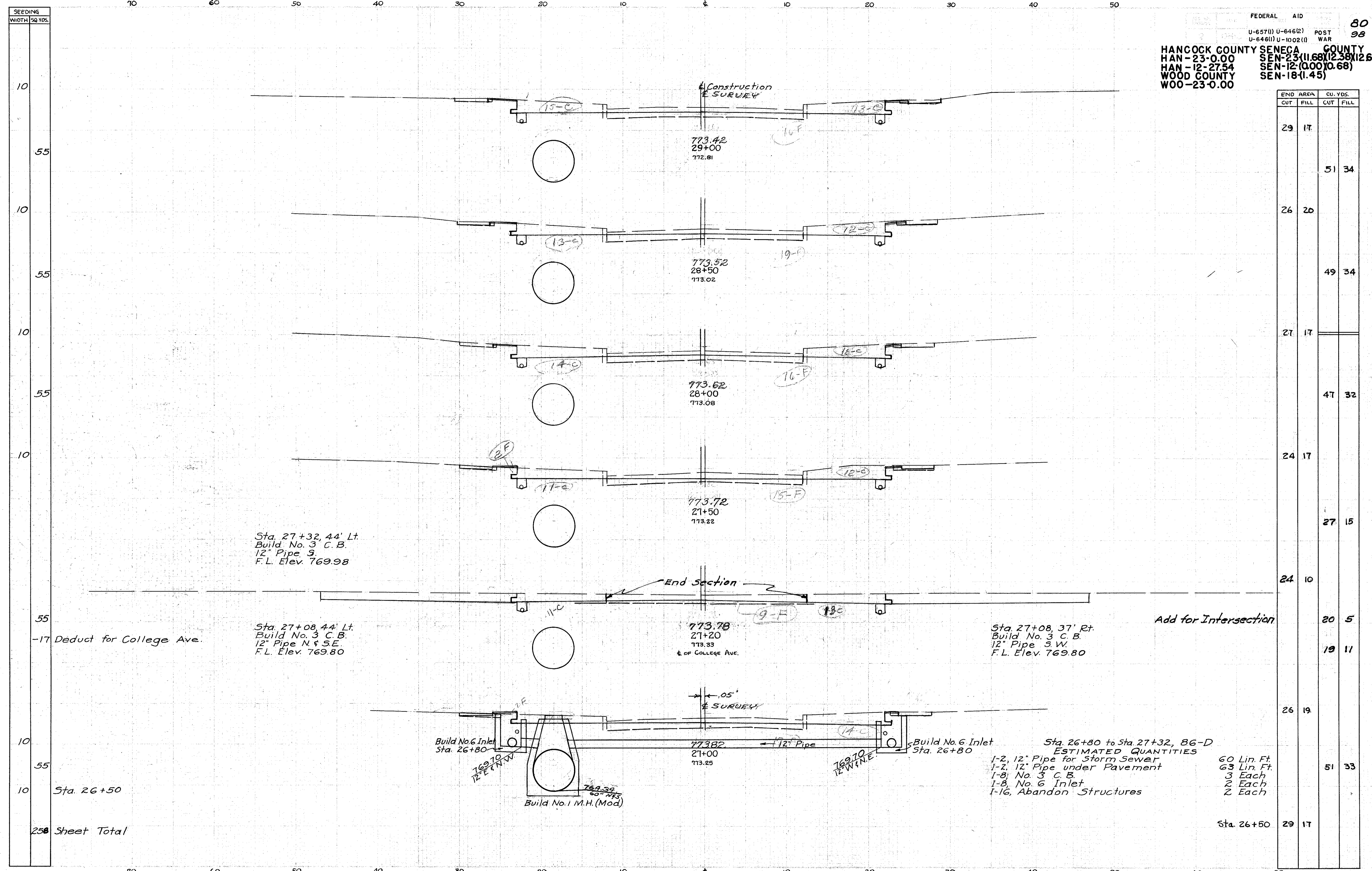
END AREA	CU. YDS.	
	CUT	FILL
22	0	
		30 10
		32 7
31	12	
		59 22
33	12	
		58 25
30	15	
		55 28
29	15	
		55 24
31	11	
		58 18
32	9	

Sta. 21+00

212 Sheet Total

Sta. 21+00

HANCOCK COUNTY SENECA COUNTY
 HAN - 23-0.00 SEN - 23(11.68)(12.38)(12.62)
 WOOD COUNTY SEN - 12-(0.00)(0.68)
 WOO - 23-0.00 SEN - 18-(1.45)



END STA.	AREA		CU. YDS.	
	CUT	FILL	CUT	FILL
29	17			
			51	34
26	20			
			49	34
27	17			
			47	32
24	17			
			27	15
24	10			
			20	5
			19	11
26	19			
			51	33
Sta. 26+50	29	17		

Sta. 26+80 to Sta. 27+32, 86-D
 ESTIMATED QUANTITIES
 1-2, 12" Pipe for Storm Sewer 60 Lin. Ft.
 1-2, 12" Pipe under Pavement 63 Lin. Ft.
 1-8, No. 3 C.B. 3 Each
 1-8, No. 6 Inlet 2 Each
 1-16, Abandon Structures 2 Each

258 Sheet Total

SEEDING
WIDTH SQ. YDS.

70 60 50 40 30 20 10 0 10 20 30 40 50

FEDERAL AID

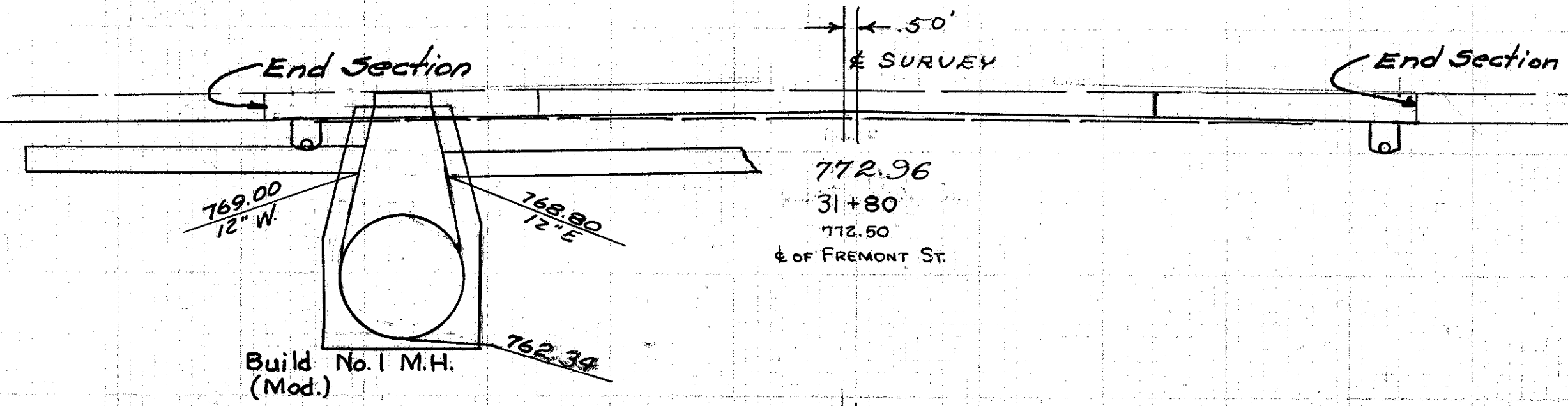
U-657(1) U-646(2) POST
U-646(1) U-1002(1) WAR

8/98

HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18(1.45)
WOO-23-0.00

-14 Deduct for Fremont St.

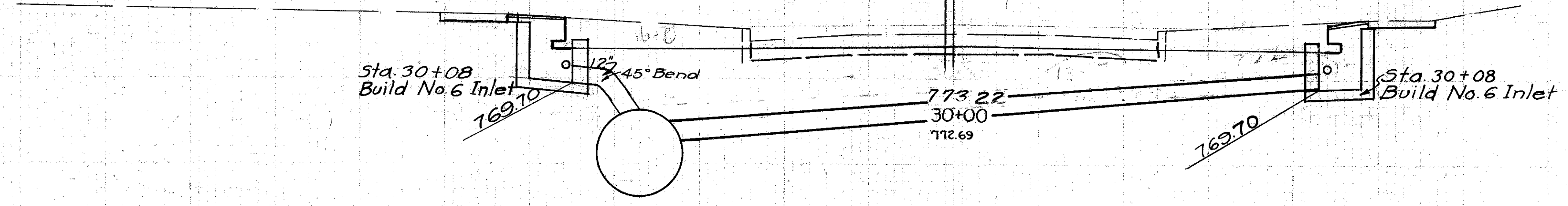
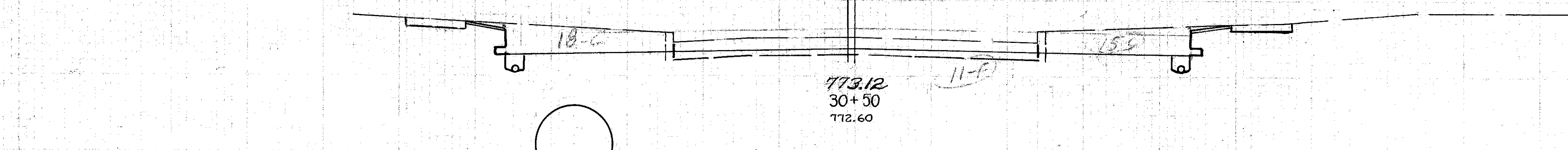
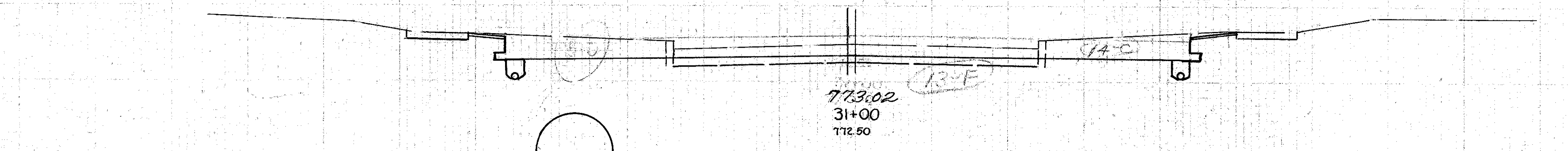
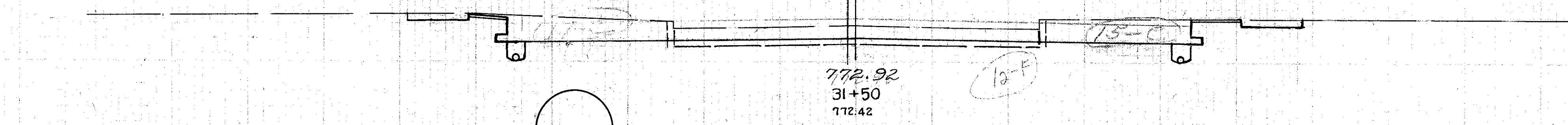
Sta. 31+65.50' Lt.
Build No. 6 Inlet
12" Pipe N.
F.L. Elev. 769.20



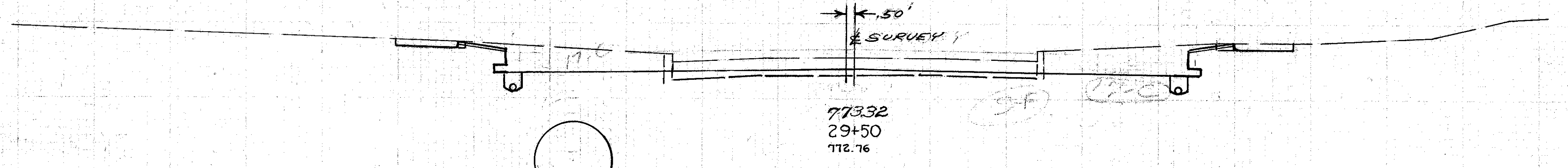
Sta. 31+65.50' R.
Build No. 6 Inlet
12" Pipe N.
F.L. Elev. 769.40

Add for Intersection

STA.	END AREA		CU. YDS.	
	CUT	FILL	CUT	FILL
24	8			
			30	5
			32	12
33	13			
			58	25
30	14			
			59	24
34	12			
			61	24
32	14			
			62	22
35	10			
			59	25
29	17			



90-D, Sta. 30+08
ESTIMATED QUANTITIES
I-2, 12" Pipe under Pavement 42 Lin. Ft.
I-8, No. 6 Inlet 2 Each
I-5, 12" Pipe Special, 45° Bend 1 Each



Sta. 29+00

Sta. 29+00

261 Sheet Total

70 60 50 40 30 20 10 0 10 20 30 40 50

COUNTY LINE STA 29.50 TO STA 31.00

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23(1.68)(2.38)(2.62)
 HAN-12-2754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

SEEDING	
WIDTH	SQ. YDS.
10	
55	
10	
55	
10	
55	
10	
55	
10	
55	
10	
64	
13	
64	
10	

-14 Deduct for retaining wall Rt.

-44 Deduct for retaining wall Rt.

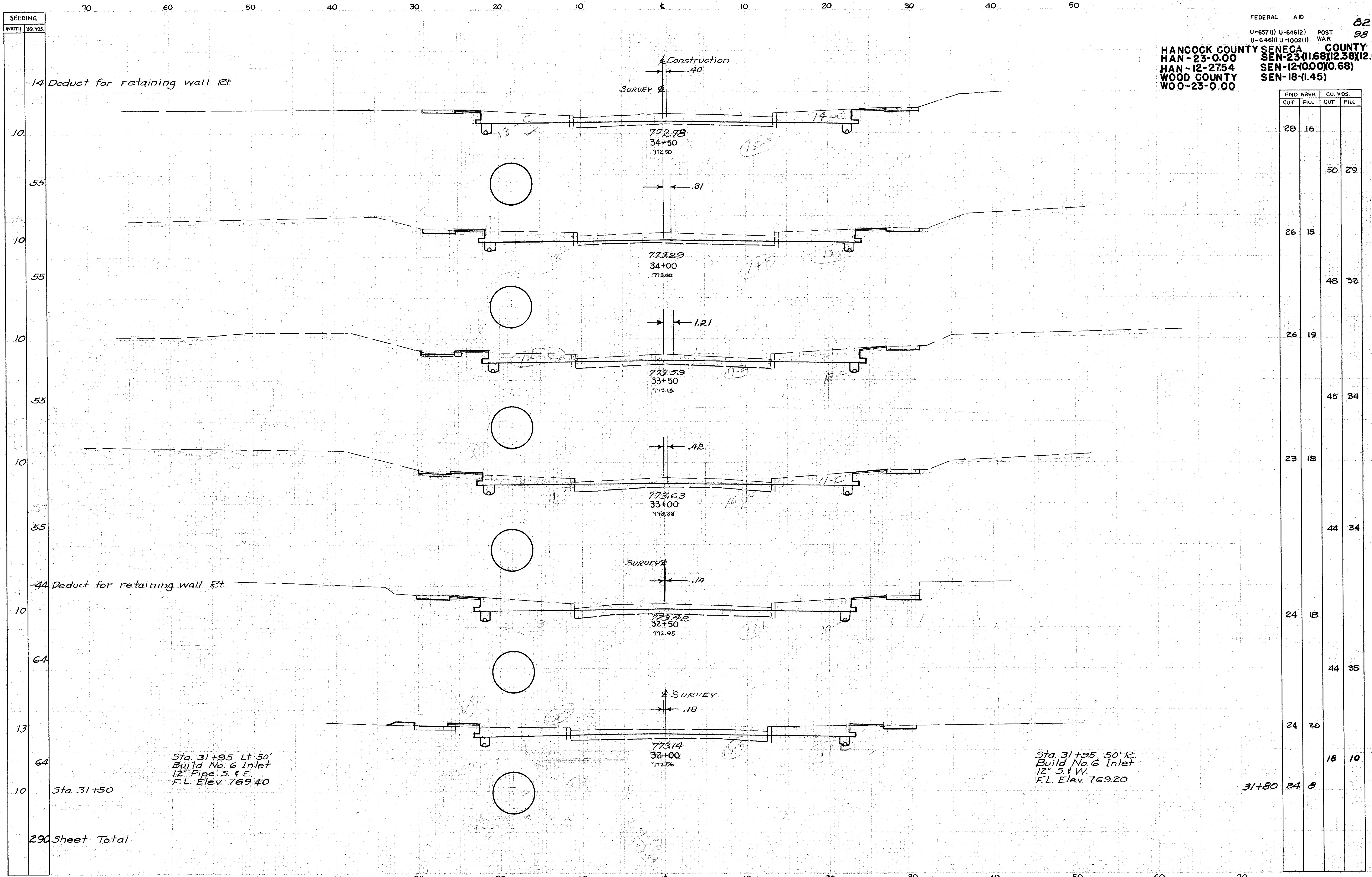
Sta. 31+50

Sta. 31+95 Lt. 50'
 Build No. 6 Inlet
 12" Pipe S. & E.
 F.L. Elev. 769.40

Sta. 31+95 50' R.
 Build No. 6 Inlet
 12" S. & W.
 F.L. Elev. 769.20

290 Sheet Total

END AREA	CU. YDS.	
	CUT	FILL
28	16	
		50 29
26	15	
		48 32
26	19	
		45 34
23	18	
		44 34
24	18	
		44 35
24	20	
		18 10
31+80	24	8



60 50 40 30 20 10 0 10 20 30 40 50 60

FEDERAL AID
 U-657(I) U-646 (2) POST 83
 U-646(I) U-1002(I) WAR 98

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23-1168(12.38)(12.62)
 HAN-12-2754 SEN-12-1000(0.68)
 WOOD COUNTY SEN-18-1.45
 WOO-23-0.00

Seeding
 Width 54' 1/2"
 10
 55
 10
 111
 10
 55
 10
 55
 10

Code 6706
 Code 7221

Sta. 36+50 Begin Code 6706 & Typical Section
 End Code 7221 & Typical Section

-12 Deduct for High St. Rt.

Add for Intersection

Sta. 36+07
 Build No. 3 C.B.
 F.L. 12" S. 767.20

Sta. 36+10 Lt.
 Build No. 6 Inlet
 767.90
 12" N. 12" S.E.
 Sta. 36+10 Lt.
 Build No. 1 M.H.
 Connect 15" to
 exist 54"x36"
 sewer.
 766.20
 12" S.E.
 764.82
 12" N. 15" S.W.

35+95
 1/4 of High St.
 771.05

Sta. 35+82.7 Rt.
 Build No. 3 C.B.
 F.L. 12" N. & N.W. 767.00

Sta. 34+50

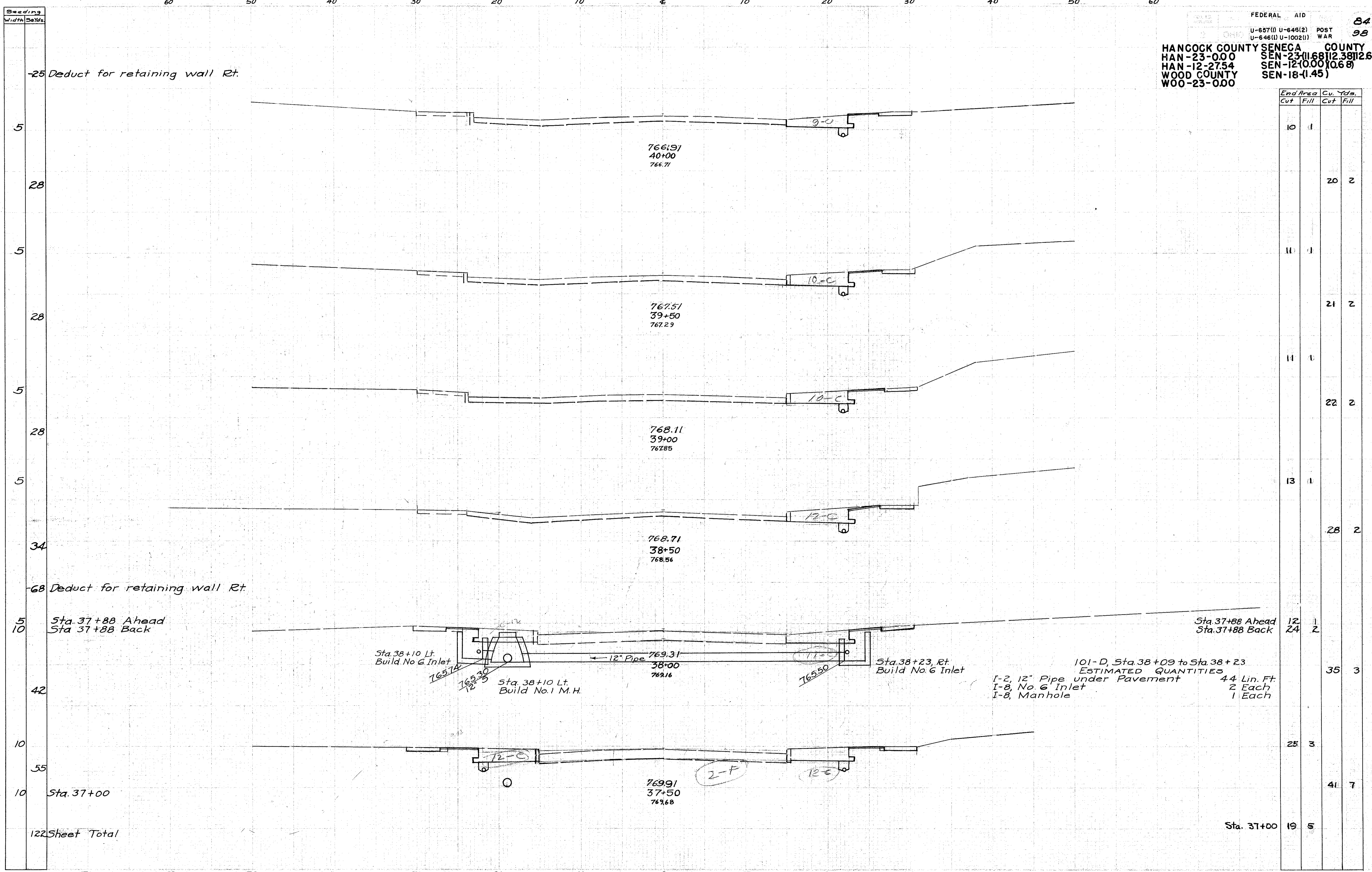
55 Total 6706
 209 Total 7221

Sta. 35+05
 Build No. 1 M.H. (Mod.)

Sta. 34+50

End Area	Cu. Yds.	
	Cut	Fill
19	5	
		42 6
26	0	
		94 39
		15 3
25	20	
		50 36
29	19	
		53 32
28	16	

70 60 50 40 30 20 10 0 10 20 30 40 50 60 COUNTY LINE 70 STA 35+00 TO STA 37+00



End Area	Cu. Yds.	
	Cut	Fill
10	1	
		20 2
10	1	
		21 2
14	0	
		22 2
13	1	
		28 2
12	1	
24	2	
		35 3
25	3	
		41 7
19	5	

ESTIMATED QUANTITIES
 101-D, Sta. 38+09 to Sta. 38+23 44 Lin. Ft.
 I-2, 12" Pipe under Pavement 2 Each
 I-8, No. 6 Inlet 1 Each
 I-8, Manhole 1 Each

-25 Deduct for retaining wall Rt.

-68 Deduct for retaining wall Rt.

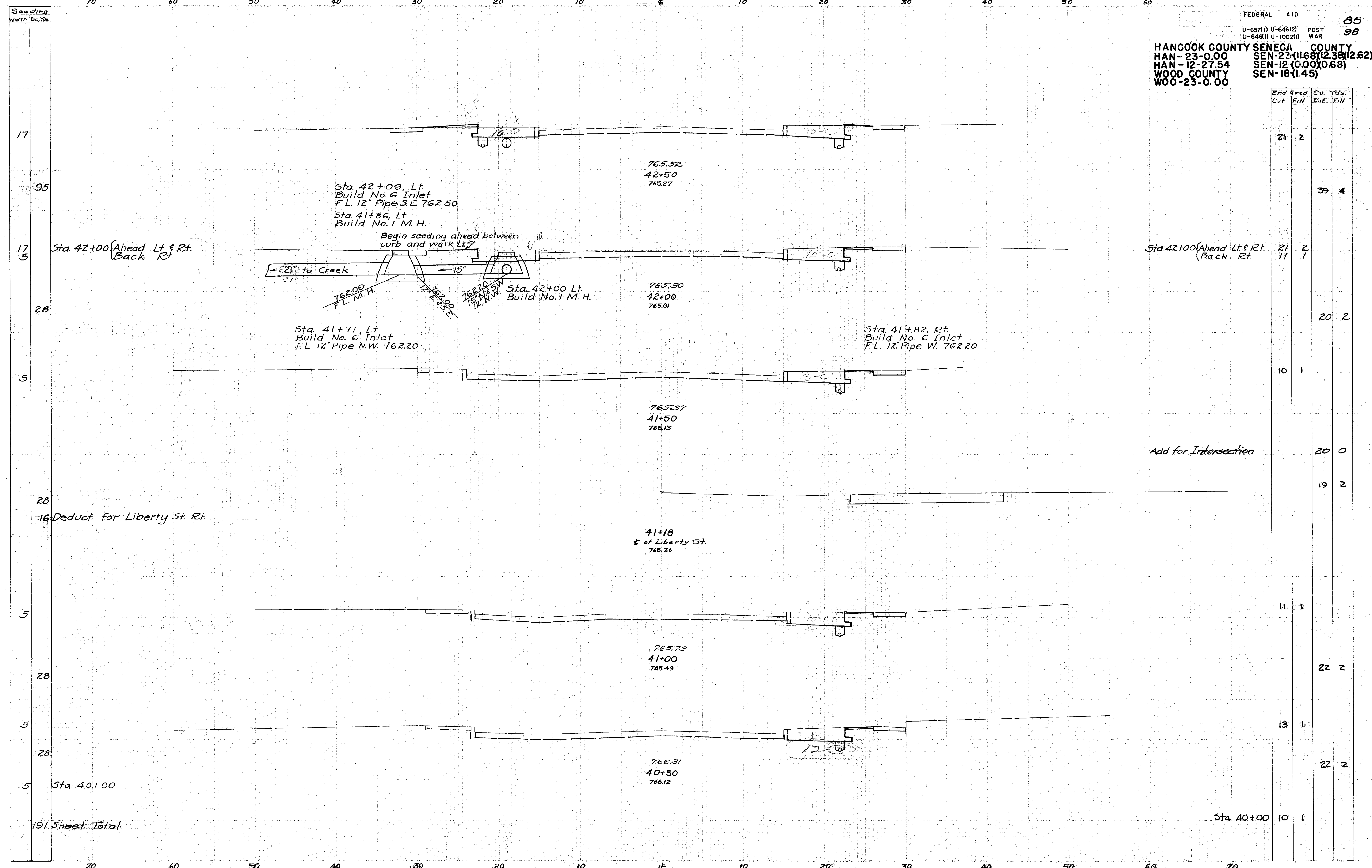
Sta. 37+88 Ahead
 Sta. 37+88 Back

Sta. 37+88 Ahead
 Sta. 37+88 Back

122 Sheet Total

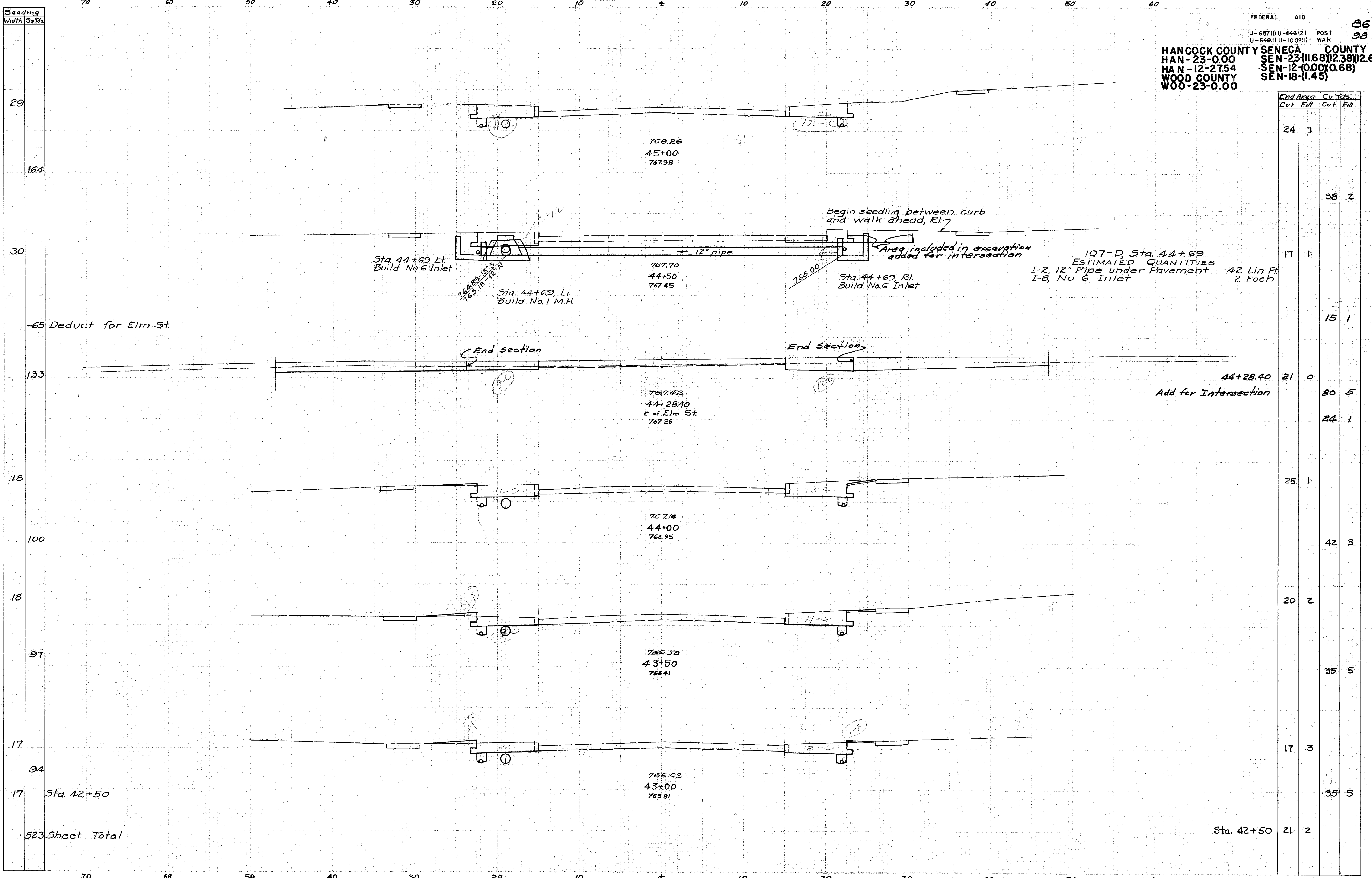
Sta. 37+00

HANCOCK COUNTY SENECA COUNTY
 HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00



End Area		Cu. Yds.	
Cut	Fill	Cut	Fill
21	2		
		39	4
21	2		
11	1		
		20	2
10	1		
		20	0
		19	2
11	1		
		22	2
13	1		
		22	2
10	1		

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-2754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

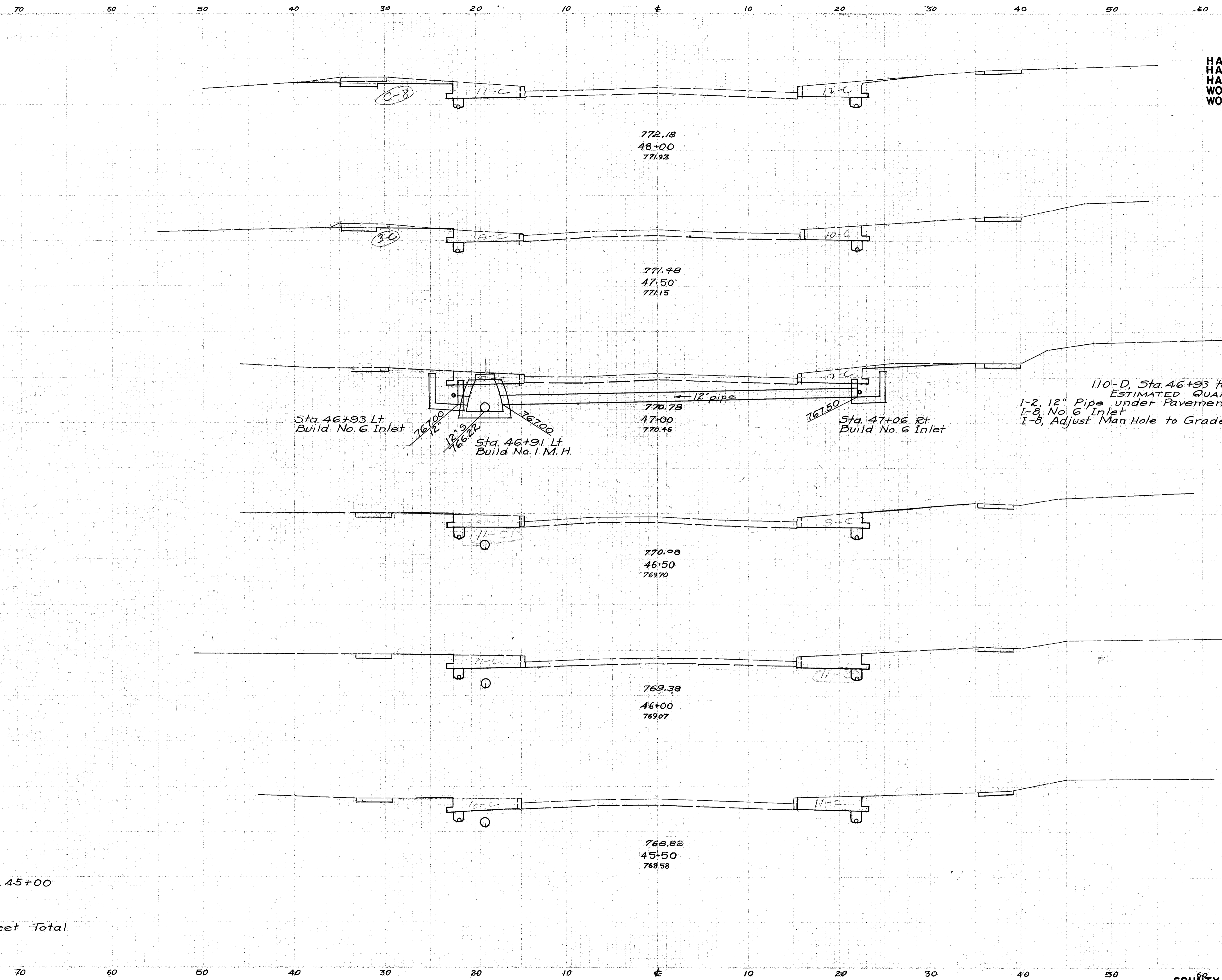


End Area	Cu. Yds.	
	Cut	Fill
24	1	
		38 2
17	1	
		15 1
44+28.40	21	0
Add for Intersection		80 5
		24 1
25	1	
		42 3
20	2	
		35 5
17	3	
		35 5
Sta. 42+50	21	2

523 Sheet Total

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-2.754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

Seeding
 Width 5e Yds
 37
 194
 33
 175
 30
 164
 29
 161
 29
 161
 29
 161
 29
 Sta. 45+00
 1016 Sheet Total



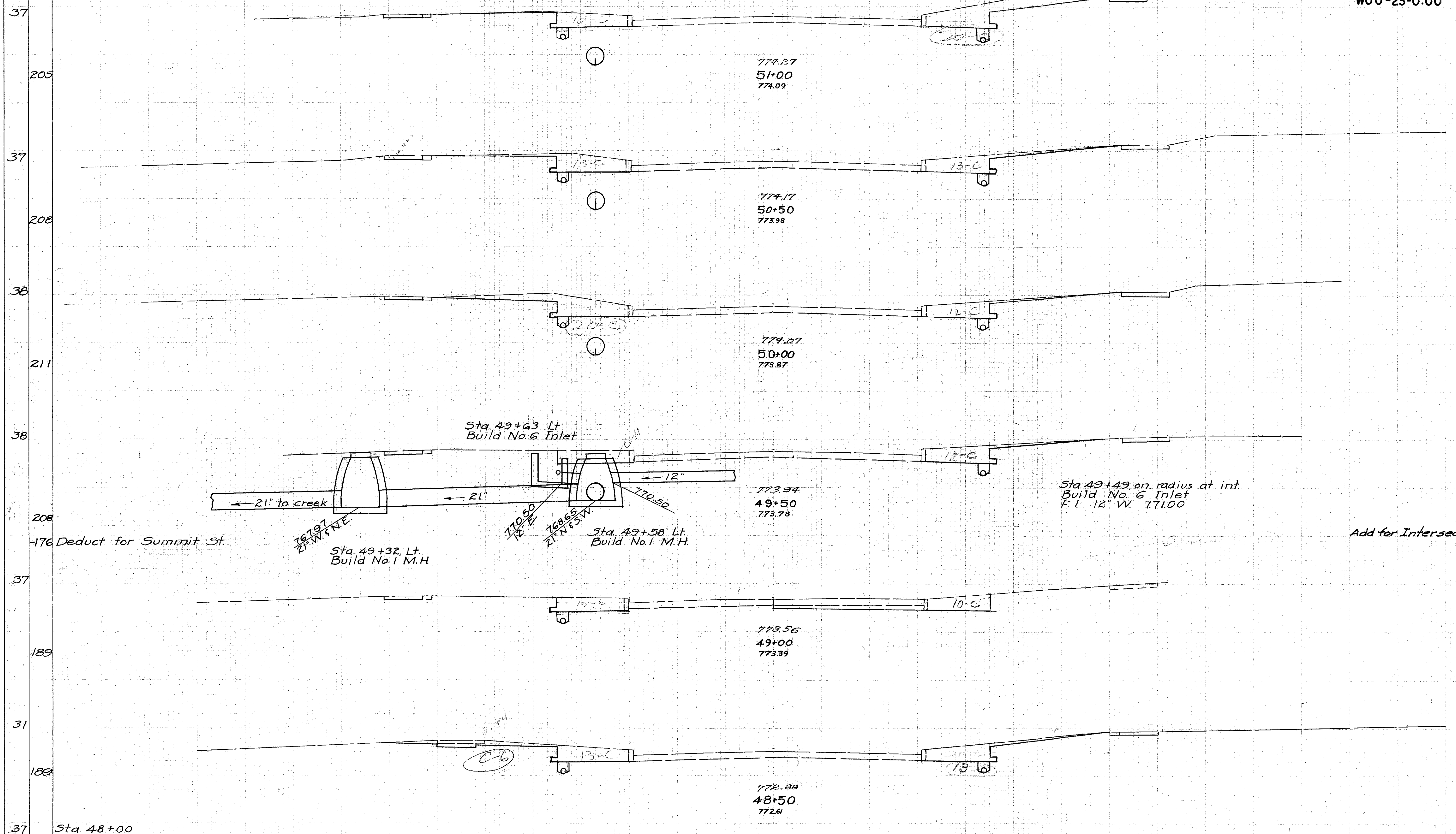
End Area	Cu. Yds.	
	Cut	Fill
32	1	
		50 2
22	1	
		40 2
22	1	
		40 2
21	1	
		41 2
23	1	
		42 2
22	1	
		42 2
24	1	

Seeding
Width
Ss Yds

70 60 50 40 30 20 10 0 10 20 30 40 50 60

FEDERAL AID
U-657(1) U-646(2) POST 88
U-646(1) U-1002(1) WAR 98

HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18(1.45)
WOO-23-0.00



Sta.	End Area		Cu. Yds.	
	Cut	Fill	Cut	Fill
37				
205				
37				
208				
38				
211				
38				
208				
37				
189				
31				
182				
37				
1034				
32	1			

-176 Deduct for Summit St.

Sta. 49+32, Lt. Build No. 1 M.H.

Sta. 49+63 Lt. Build No. 6 Inlet

Sta. 49+58 Lt. Build No. 1 M.H.

Sta. 49+49, on radius at int. Build No. 6 Inlet F.L. 12" W 771.00

Add for Intersection

Sta. 48+00 32 1

SEEDING
WIDTH SQ. YDS.

FEDERAL AID
U-657(1) U-646(2) POST 89
U-646(1) U-1002(1) WAR 98
HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
WOOD COUNTY WOO-23-0.00 SEN-12(0.00)(0.68)
SEN-18(1.45)

Sta. 54+20.50' R
Build No. 3 C.B.
F.L. 12" S. + N.W. 772.70

Sta. 53+98, 50' R
Build No. 3 C.B.
F.L. 12" N. 772.80

Sta. 51+97, Lt.
Build No. 6 Inlet

Sta. 51+97, Lt.
Build No. 1 M.H.

Sta. 51+97, Rt.
Build No. 6 Inlet

116-D, Sta. 51+97
ESTIMATED QUANTITIES
I-2, 12" Pipe under Pavement
I-8, No. 6 Inlet

40 Lin. Ft.
2 Each

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
19	1		
		42	3
27	2		
		48	4
25	2		
		50	4
29	2		
		55	3
30	1		
		55	2
29	1		
		56	2
31	1		

-46 Deduct for Jackson St.

35

194

35

194

35

194

35

194

29

200

37

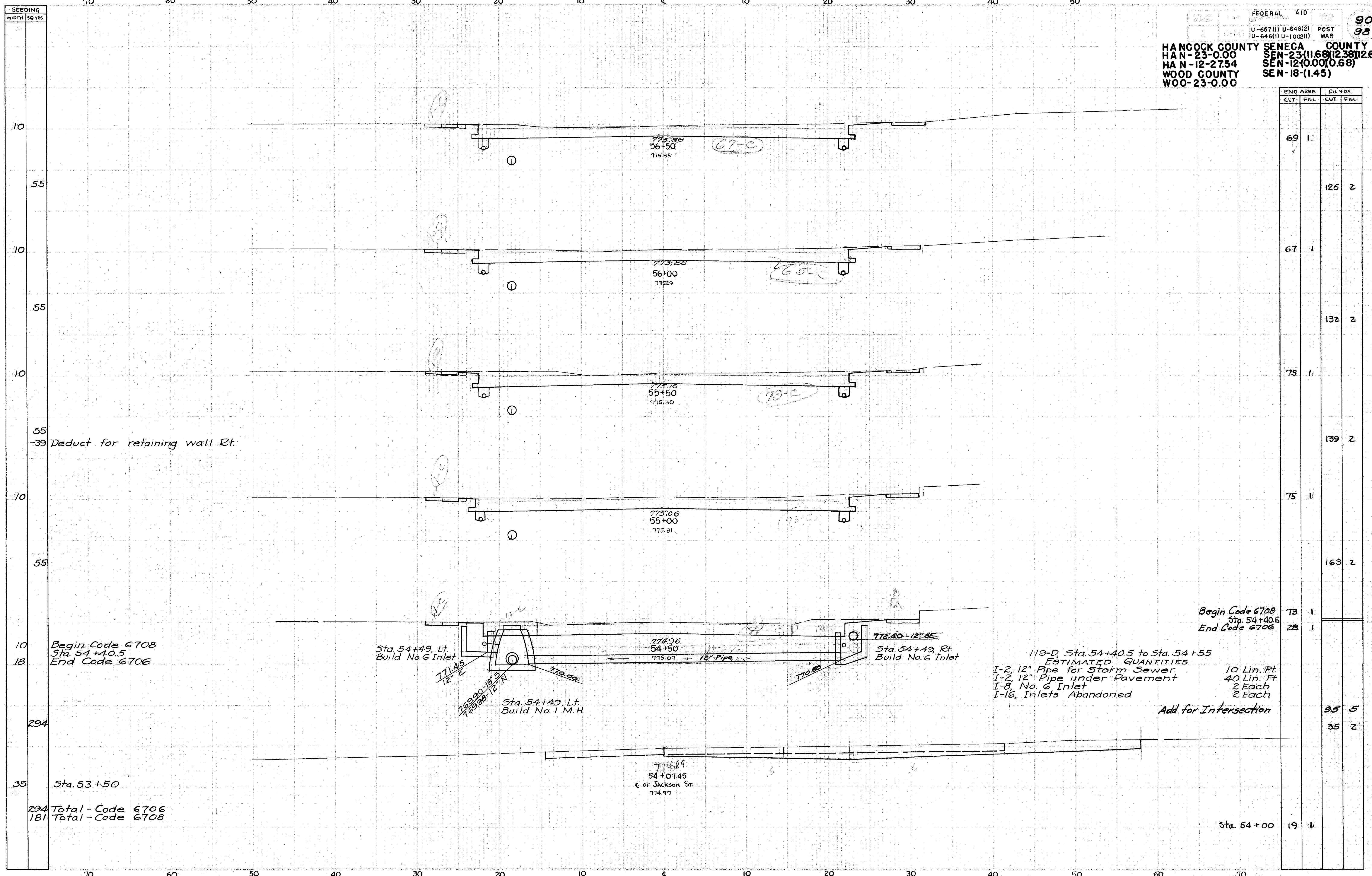
930 Sheet Total

COUNTY LINE STA. 51+50 TO STA. 54+00

FEDERAL AID
 U-657(1) U-646(2) POST
 U-646(1) U-1002(1) WAR

90
98

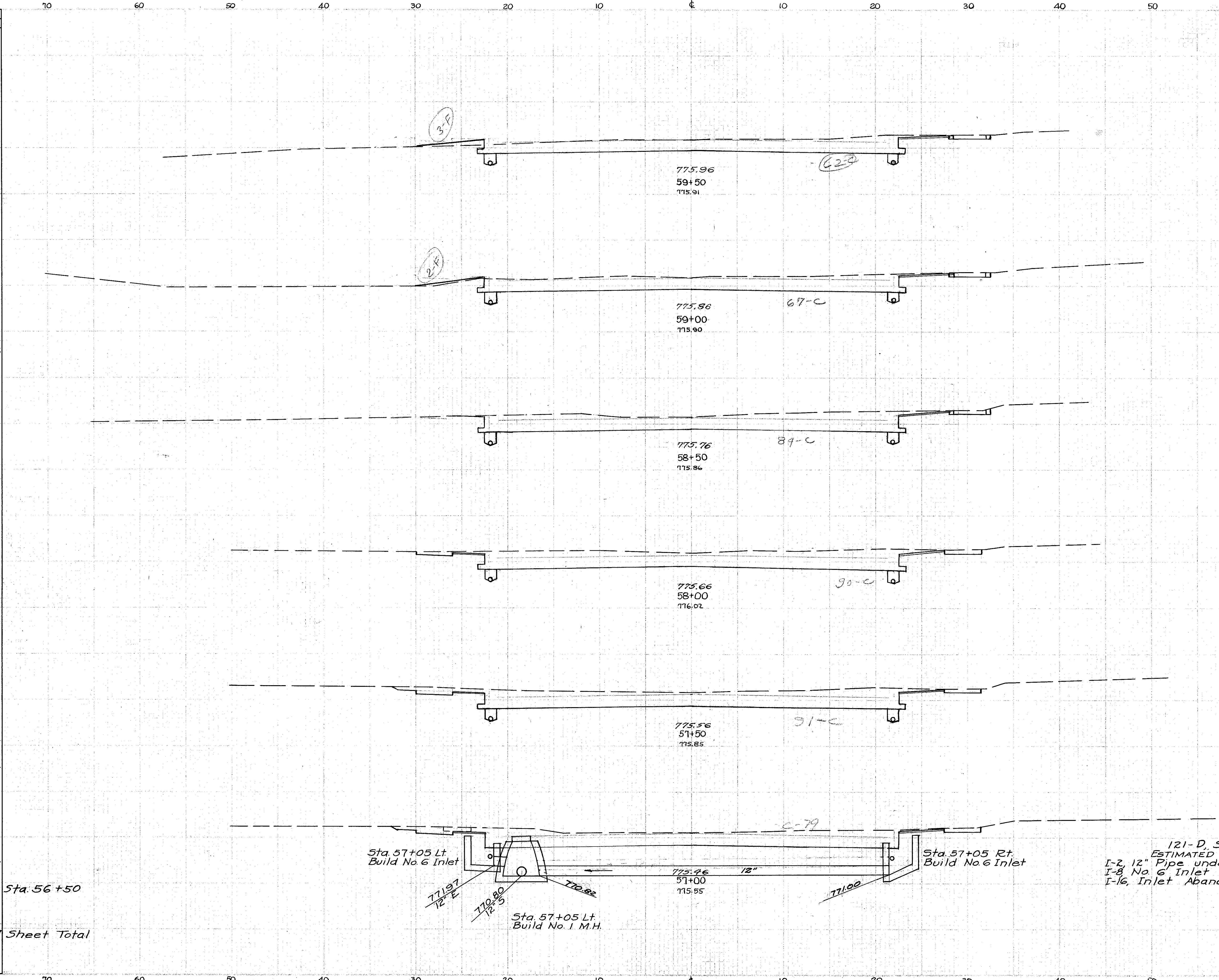
HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.66)(12.38)(12.62)
 HAN-12-2754 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00



END AREA	CU. YDS.	
	CUT	FILL
69	1	
		126 2
67	1	
		132 2
75	1	
		139 2
75	1	
		163 2
73	1	
28	1	
		95 5
		35 2
Sta. 54+00	19	1

119-D, Sta. 54+40.5 to Sta. 54+55
 ESTIMATED QUANTITIES
 I-2, 12" Pipe for Storm Sewer 10 Lin. Ft
 I-2, 12" Pipe under Pavement 40 Lin. Ft
 I-8, No. 6 Inlet 2 Each
 I-16, Inlets Abandoned 2 Each
 Add for Intersection

SEEDING	WIDTH	SQ. YDS.
17		
97		
18		
86		
13		
64		
10		
64		
13		
72		
13		
64		
10		



FEDERAL AID
 U-657(1) U-646(2) POST 91
 U-646(1) U-1002(1) WAR 38

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(12.38)(12.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

END AREA	CU. YDS.	
	CUT	FILL
63	4	
		122 6
68	3	
		142 4
85	1	
		163 2
91	1	
		170 2
92	1	
		160 2
80	1	
		188 2
		Sta. 56+50 69 1

121-D, Sta. 57+05
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavement 40 Lin. Ft.
 I-8, No. 6 Inlet 2 Each
 I-16, Inlet Abandoned 1 Each

Sta. 56+50
 447 Sheet Total

2 OHIO U-657(1) U-646(1) U-646(2) U-1002(1) POST WAR

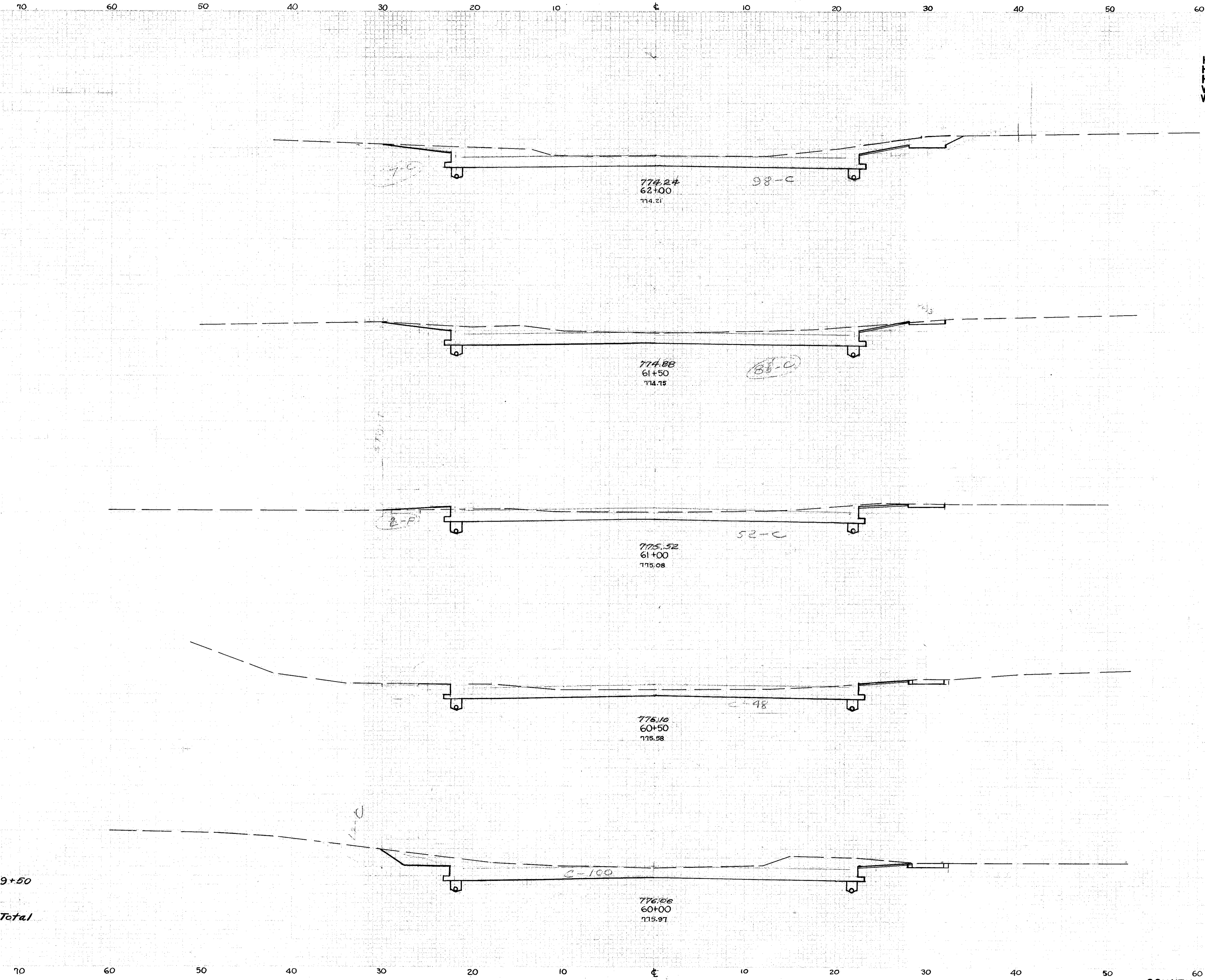
HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-11.68(12.38)(12.62)
 HAN-12-27.54 SEN-12-10.00(0.68)
 WOOD COUNTY SEN-18-11.45
 WOO-23-0.00

SEEDING WIDTH SQ. YDS.

18
100
18
97
17
83
13
86
18
97
17

Sta. 59+50

463 Sheet Total



END AREA	CU. YDS.	
	CUT	FILL
99	1	170
85	1	126
53	3	94
48	1	127
89	1	147
63	3	

HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23-(11.68)(12.38)(12.62)
 HAN-12-2754 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 W00-23-0.00

END AREA		CU. YDS.	
CUT	FILL	CUT	FILL
		40	10
57	.5		
		197	.8
48	7		
		57	.4
68	0		
		144	1
89	1		
		177	2
99	1		

Add for Intersection

SEEDING	WIDTH	SQ. YDS.
		18
		103
		19
		89
		13
		92
		20
		106
		18
		347

-43 Deduct For PARK Ave.

64+12
 771.16
 ± of PARK AVE.

771.68
 64+00
 771.28

772.32
 63+50
 771.65

772.86
 63+00
 772.34

773.60
 62+50
 773.29

Sta. 62+60 Lt.
 Build No. 6 Inlet

Sta. 62+60 Rt.
 Build No. 6 Inlet

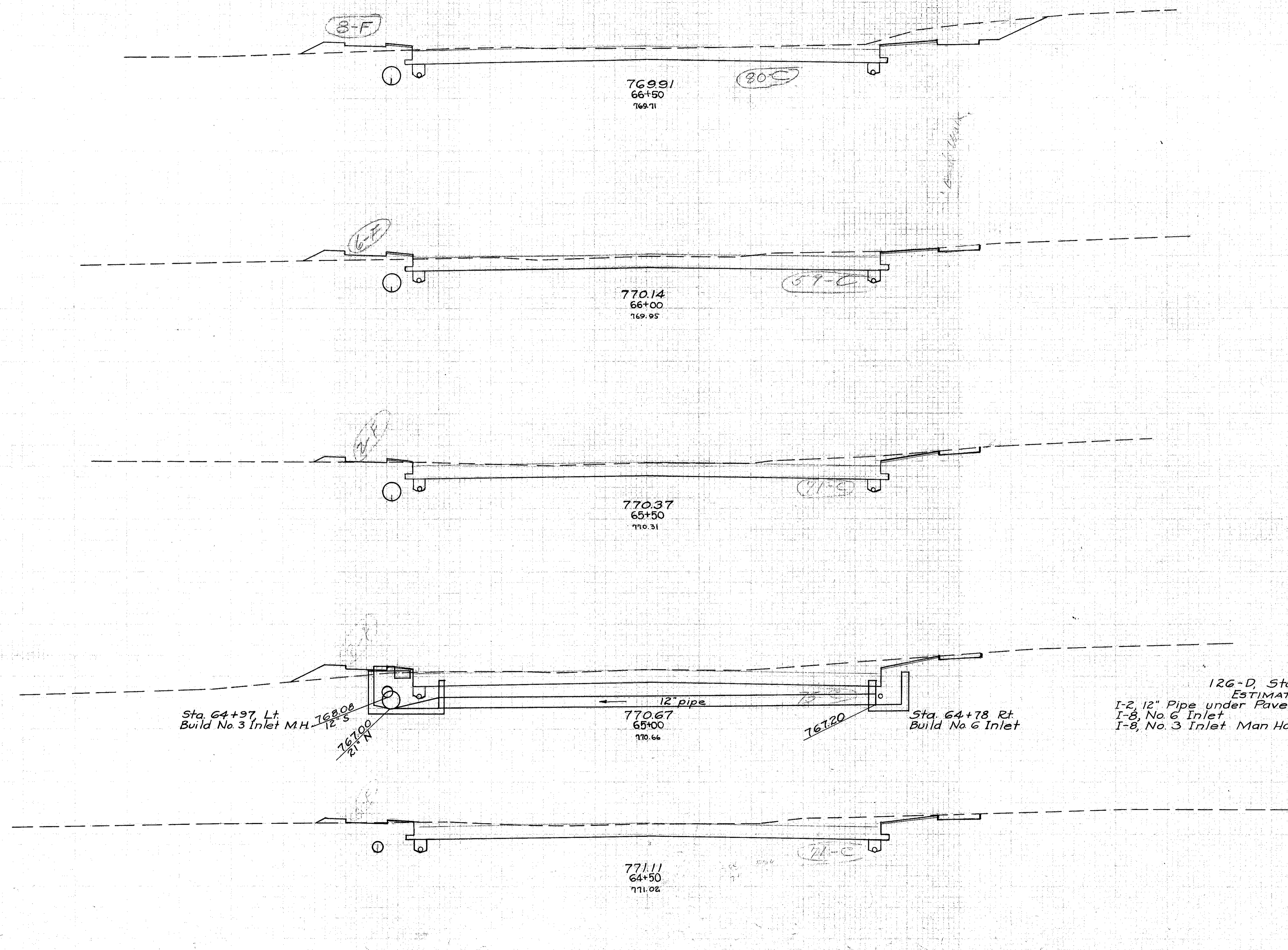
123 D, Sta 62+60
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavement
 I-8, No. 6 Inlet

44 Lin. Ft.
 2 Each

Sta. 62+00

2 OHIO U-657(1) U-646(2) POST 94
 U-646(1) U-1002(1) WAR 98
 HANCOCK COUNTY SENeca COUNTY
 HAN-23-0.00 SEN-23(11.68)(2.38)(2.62)
 HAN-12-27.54 SEN-12(0.00)(0.68)
 WOOD COUNTY SEN-18(1.45)
 WOO-23-0.00

SEEDING	WIDTH	SQ. YDS.
22		108
18		78
13		81
18		81
13	Ahead	100
18	Back	100
18	Sta. 64+00	100
443	Sheet Total	



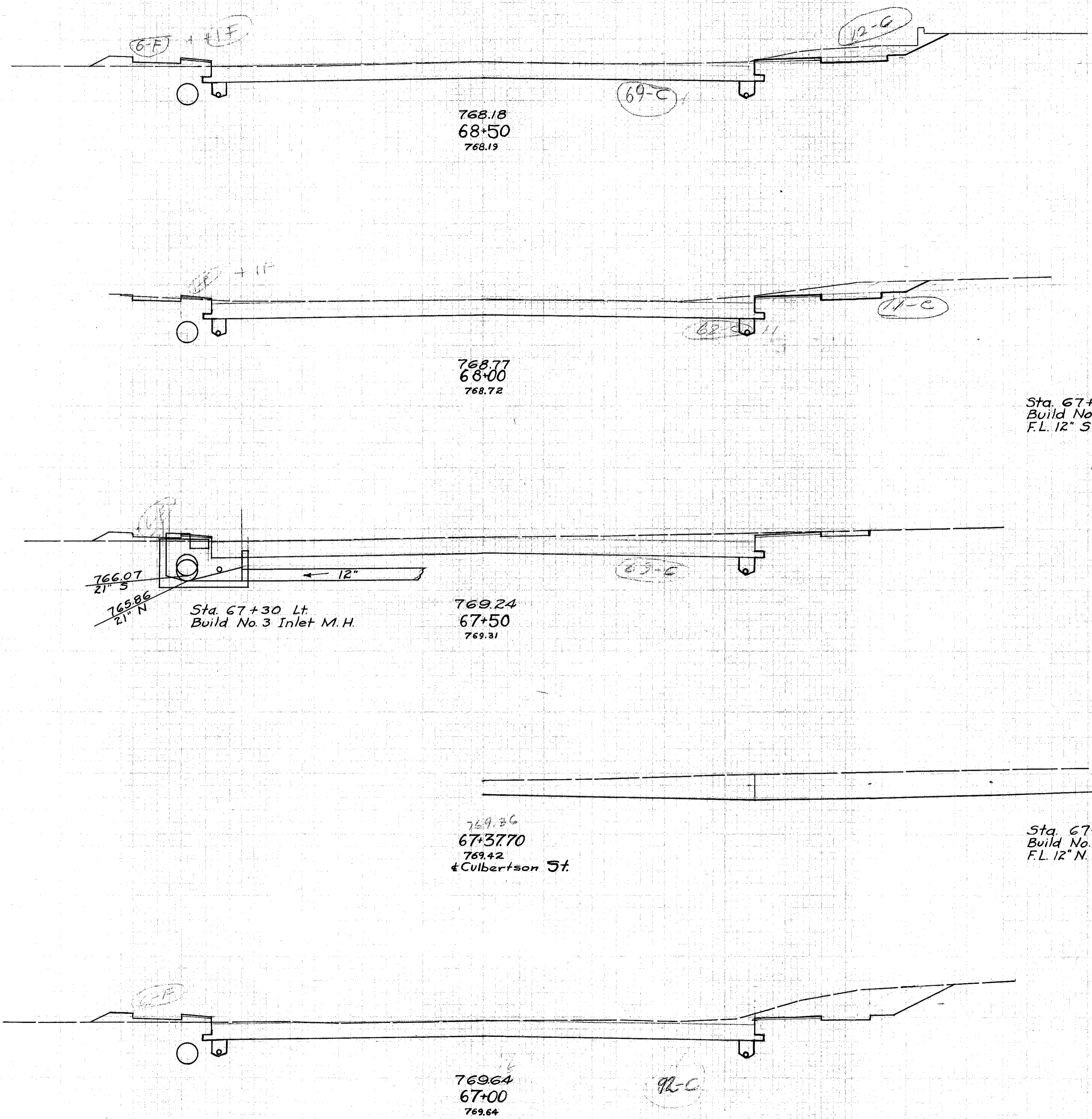
END AREA	CU. YDS.	
	CUT	FILL
80	9	
		130 15
60	7	
		122 8
72	3	
		137 11
76	9	
		137 11
72	3	
		120 14
Sta. 64+00	57	5

126-D, Sta. 64+78 to Sta. 64+97
 ESTIMATED QUANTITIES
 I-2, 12" Pipe under Pavement 45 Lin. Ft.
 I-8, No. 6 Inlet 1 Each
 I-8, No. 3 Inlet Man Hole 1 Each

HANCOCK COUNTY SENECA
 HAN - 23-0.00 SEN-23-(11.68)(12.38)(12.62)
 HAN - 12-27.54 SEN-12-(0.00)(0.68)
 WOOD COUNTY SEN-18-(1.45)
 WOO-23-0.00

Seeding Width Sq. Yds.
20
94
14
75
13
94
-84
21
119
22
298

End Area Cut	Area Fill	Cu. Yds.	
		Cut	Fill
81	7		
		148	8
79	2		
		138	8
70	7		
		215	0
		150	13
92	7		
		159	15
80	9		



-84 Deduct For CULBERTSON St.

Add for Intersection

Sta. 66+50

298 Sheet Total

Sta. 66+50

70 60 50 40 30 20 10 ± 10 20 30 40 50 60

FEDERAL AID

96
98

2 OHIO U-657(1) U-646(2) POST
U-646(1) U-1002(1) WAR
HANCOCK COUNTY SENeca COUNTY
HAN-23-0.00 SEN-23(11.68)(1262)
HAN-12-27.54 SEN-12(0.00)(0.68)
WOOD COUNTY SEN-18(1.45)
WOO-23-0.00

Seeding
Width Sa Yds

12 Rt.
17 Lt.
29

150

25 Ahead
19 Back

94

15

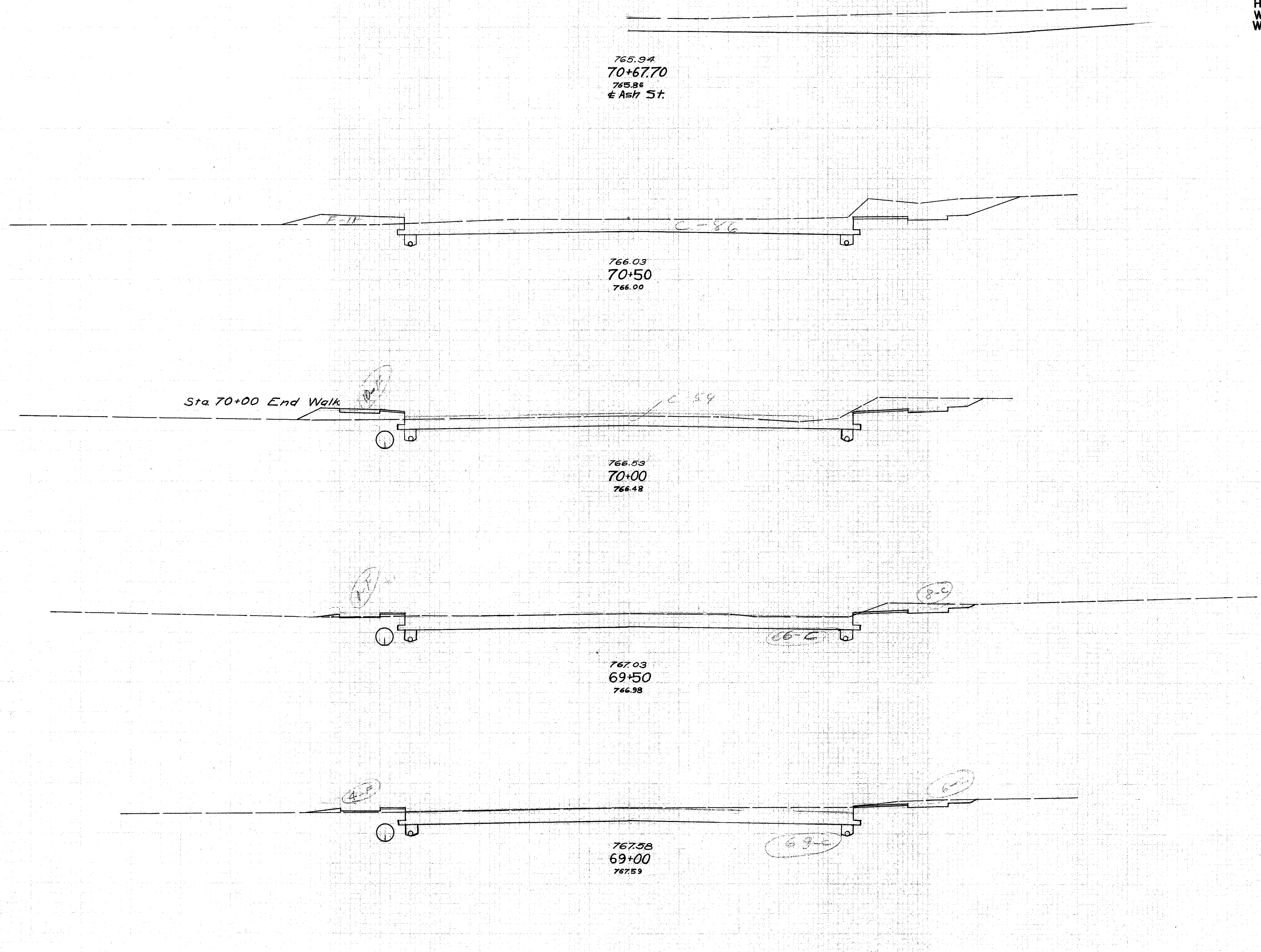
89

17

103

20 Sta. 68+50

436 Sheet Total



End Area	Cu. Yds.
Cut	Fill

86	11
----	----

135	22
-----	----

AHEAD	59	12
BACK	59	10

123	10
-----	----

74	1
----	---

134	4
-----	---

73	4
----	---

145	10
-----	----

Sta. 68+50	81	7
------------	----	---

70 60 50 40 30 20 10 ± 10 20 30 40 50 60

COUNTY LINE STA. 69+00 STA. 70+67.70

70 60 50 40 30 20 10 ± 10 20 30 40 50 60

FEDERAL AID

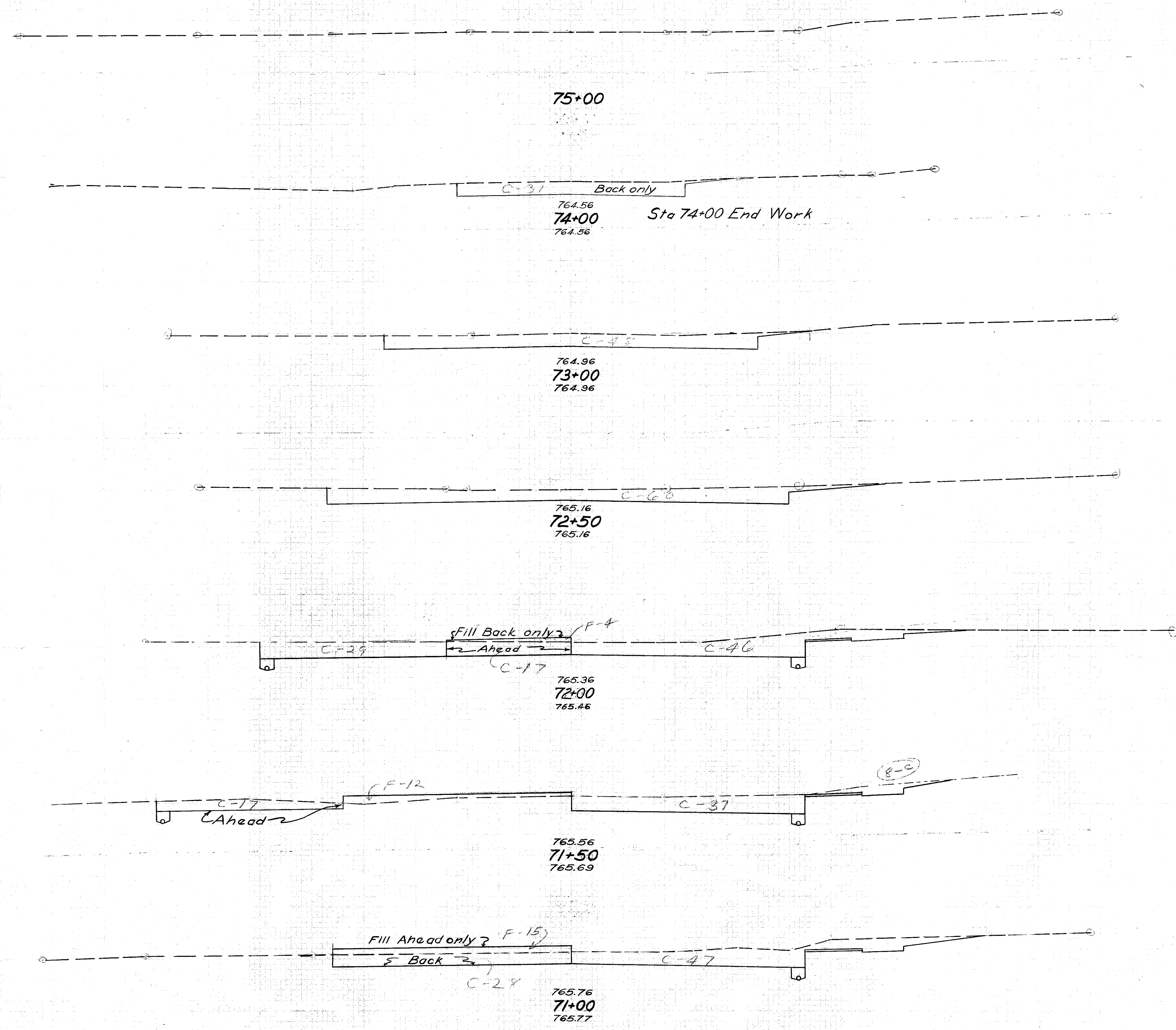
2 OHIO

U-657(1) U-646(2) POST
U-646(1) U-1002(1) WAR

97
98

HANCOCK COUNTY SENECA COUNTY
HAN-23-0.00 SEN-23-11.68(12.38)(12.62)
HAN-12-27.54 SEN-12-(0.00)(0.68)
WOOD COUNTY SEN-18-(1.45)

Seeding
Width Sq Yds
15
167
18
97
20
103
17
29
183
37
32
189
36
13
69
12 Rt. Sta. 70+50
808 Sheet Total

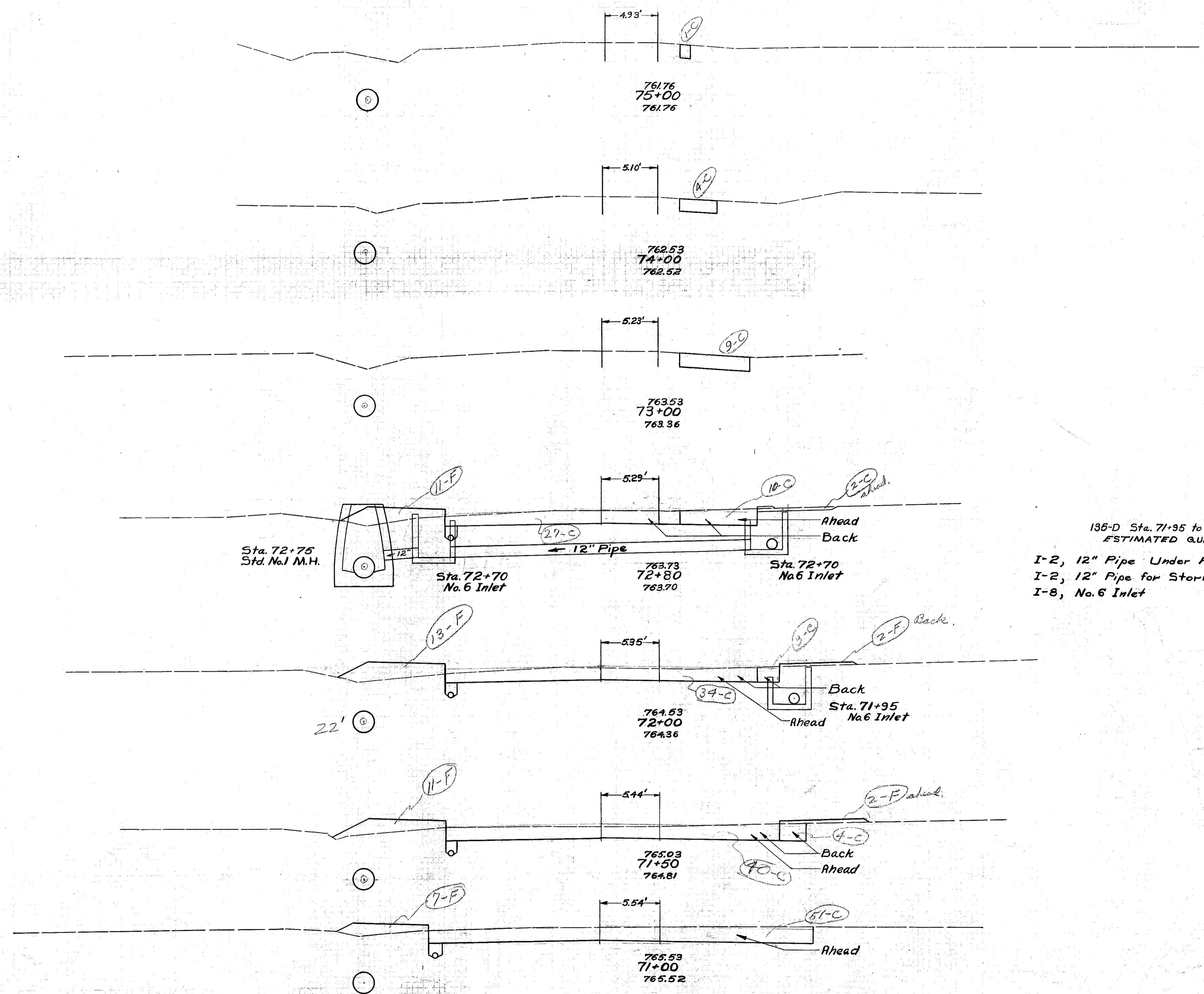


End Area	Cu Yds.
Cut	Fill
31	0
	146
48	0
	100
60	0
	141
92	0
75	4
	127
62	12
45	12
	85
47	15
75	0
	149
86	11

70 60 50 40 30 20 10 0 10 20 30 40 50 60

2 OH
 HANCOCK
 HAN-23-1
 HAN-12-2
 WOOD COU
 WOO-23-0

5
56
56
5
14
8 Ahead
18 Back
150
16 Ahead
27 Back
128
29 Ahead
16 Back
83
14
86
17 Lt. Sta. 70+50
573 Sheet Total



135-D Sta. 71+95 to Sta. 72+70
 ESTIMATED QUANTITIES
 I-2, 12" Pipe Under Pavement 82 Lin.ft
 I-2, 12" Pipe for Storm Sewer 21 Lin.ft
 I-8, No. 6 Inlet 3 Each

			8 4
Ahead	12	11	
Back	37	11	
			105 40
Ahead	34	13	
Back	37	15	
			72 26
Ahead	40	13	
Back	44	11	
			88 17
Ahead	51	7	
			17
Sta. 70+50		11	

70 60 50 40 30 20 10 0 10 20 30 40 50 60