

STATE OF OHIO

DEPARTMENT OF HIGHWAYS

HOL - 62 - (15.11-19.33)

HOLMES COUNTY

KILLBUCK, HARDY & MECHANIC TOWNSHIPS

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

1
15

HOL-62-(15.11-19.33)

CONVENTIONAL SIGNS

Township Line	-----
Section Line	-----
Corporation Line	-----
Center Line	-----
Fence Line	-x-x-x-x-x-
Pole Line	Telephone & Electric P
Railroad	+++++
Guard Rail	Old o-o-o New o-o-o
Drain Pipe	Old ===== New =====
Right-Of-Way	R/W
Trees And Stumps	Existing ☺ To be Removed ☒

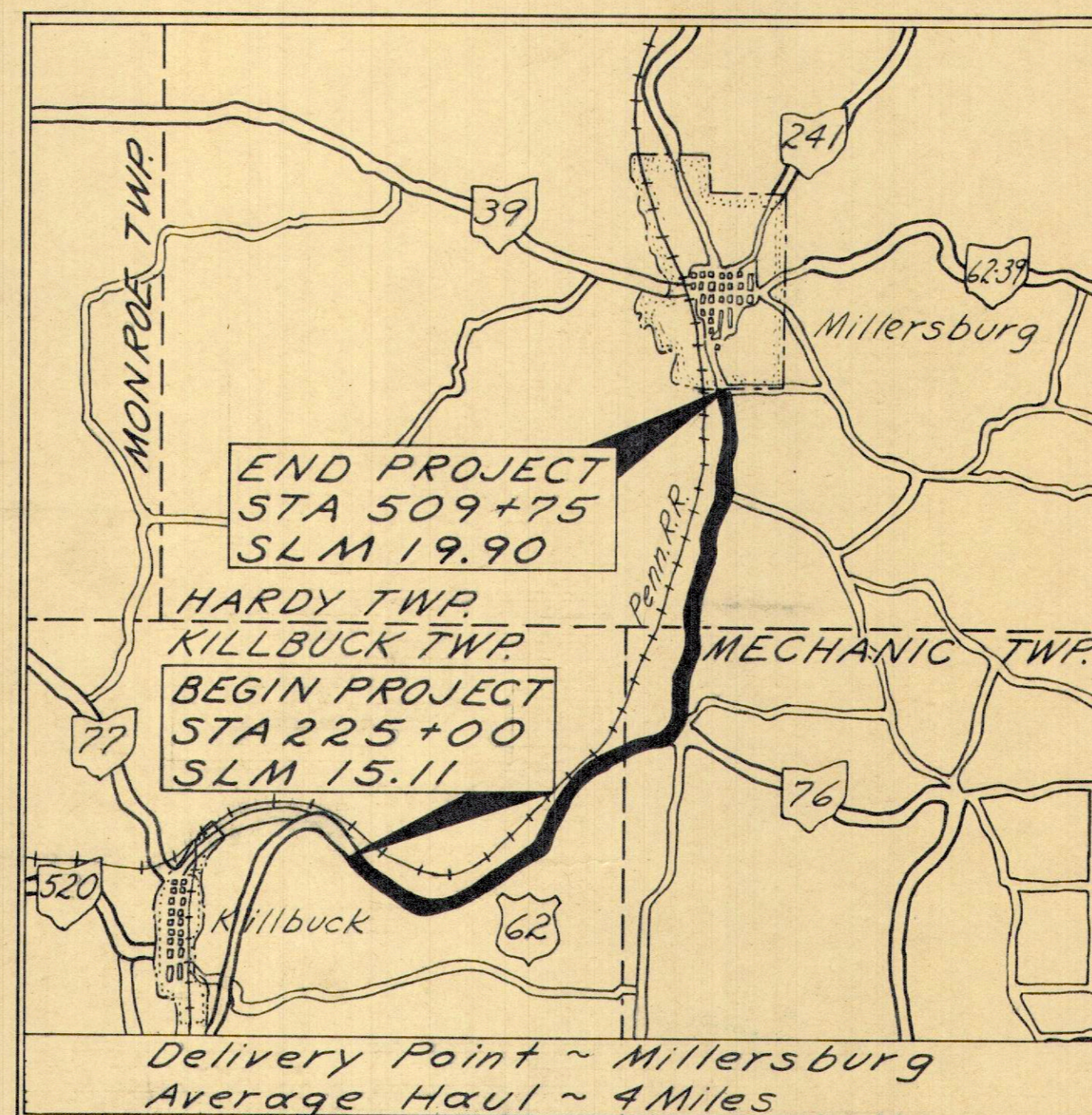
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LINE DATA

BEGIN PROJECT ~ Sta 255+00
 END PROJECT ~ Sta 509+75
 Deduct for Bridges
 Sta 314+45 to Sta 314+62 = 17 Lin. Ft.
 Sta 384+81 to Sta 385+03 = 22 Lin. Ft.
 Sta 421+56 to Sta 421+71 = 15 Lin. Ft.
 Sta 463+80 to Sta 464+13 = 33 Lin. Ft.
 Total = 87 Lin. Ft.

NET LENGTH OF PROJECT and WORK = 25,388 Lin. Ft. or
 4.808 Mi.



LOCATION PLAN
SCALE ~ 1" = 1 MILE

PORTION TO BE IMPROVED	
FEDERAL ROADS	
STATE ROADS	
OTHER ROADS	

SCALES

PLAN	1" = 50'
PROFILE ~ HORIZONTAL	1" = 20'
PROFILE ~ VERTICAL	1" = 5'
CROSS SECTIONS	1" = 10'

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

The right of way 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 not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

Approved Date: _____	Division Deputy Director
Approved Date: _____	Deputy Director of Planning & Programming
Approved Date: _____	Engineer of Bridges
Approved Date: _____	Engineer of Location & Design
Approved Date: _____	Deputy Director of Design & Construction
Approved Date: _____	Engineer of Maintenance
Approved Date: _____	Deputy Director of Operations
Approved Date: _____	First Assistant Director
Approved Date: _____	Director of Highways

STANDARD DRAWINGS

G-7.07	6-1-56	L-1	4-1-50				
HW-E	11-15-60	L-3	4-1-50				
		L-3-A	4-1-50				
I-15 No.1	11-15-60						
I-15 No.2-A	8-17-60	RI-1	7-15-58				
		T-35	1-2-56				

SUPPLEMENTAL SPECIFICATIONS

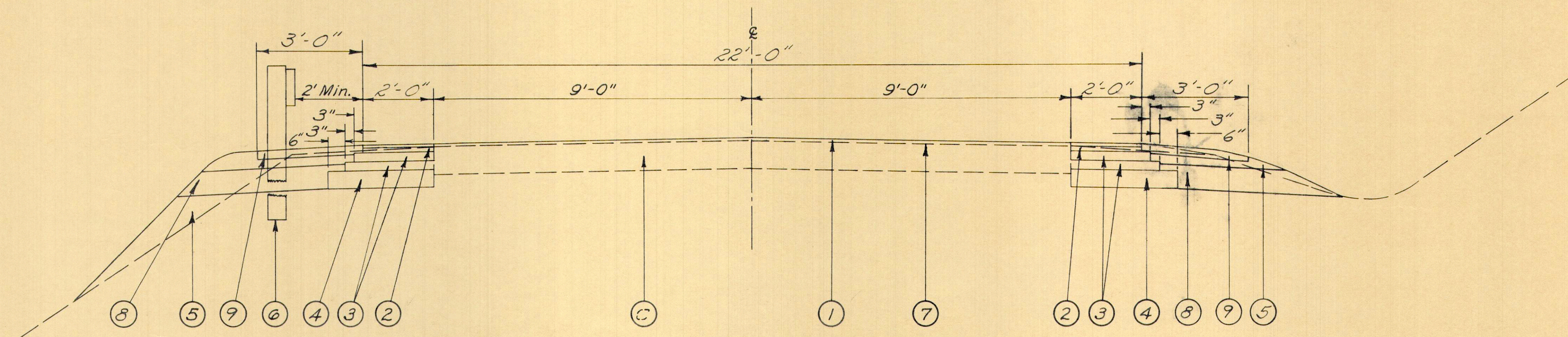
FILE No.	HOLMES COUNTY
Date of Letting	
Contract No.	

TYPICAL SECTIONS

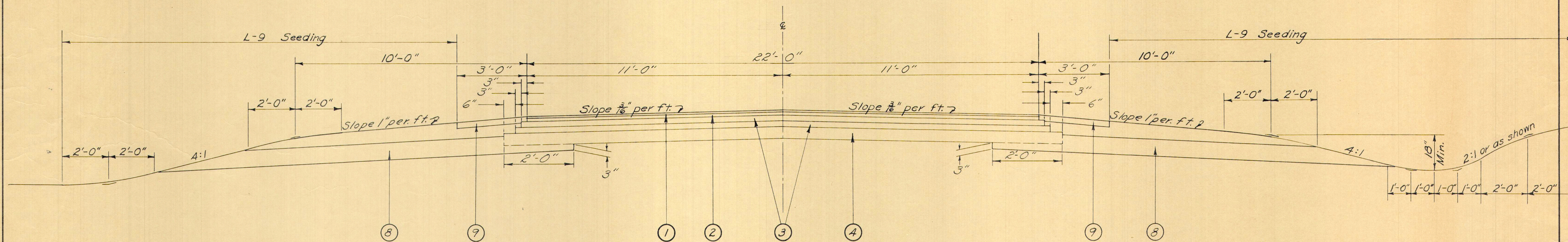
TYPE T-35
SCALE: $\frac{1}{2}'' = 1'-0''$

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Part 1(a) Sta 225+00 to Sta 386+25 = 13,125 Lin. Ft.
Deduct for Bridges (See Sheet N^o 1) = 39 Lin. Ft.
Net Length Part 1(a) = 13,086 Lin. Ft.



Part 1(b) Sta 386+25 to Sta 390+25.67 = 400.67 Lin. Ft.

~KEY~

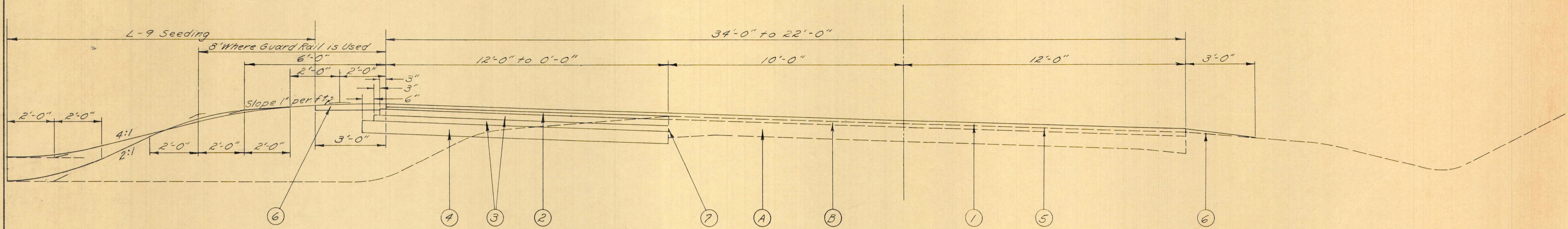
- (C) Existing Bituminous Macadam Pavement
- (1) Item T-35 1" Asphaltic Concrete Surface Course (70-85)
- (2) Item B-35 1 1/2" Asphaltic Concrete Leveling Course (70-85)
- (3) Item B-21 3" Waterproofed Aggregate Base Course
- (4) Item I-22 6" Subbase
- (5) Embankment (Using material obtained from trenches)
- (6) Item I-15 Guard Rail
- (7) Item T-30 Bituminous Tack Coat, Sec. M-5.5 MS-2 or RS-1 or SS-1 or Sec. M-5.2 RC-1 or RC-2, as per Sec T-30.02 applied at the rate of 0.1 gal. per sq. yd.
- (8) Item I-9 Stone Underdrains No. 2
- (9) Item I-18 Stabilized Crushed Aggregate Shoulders

TYPICAL SECTIONS

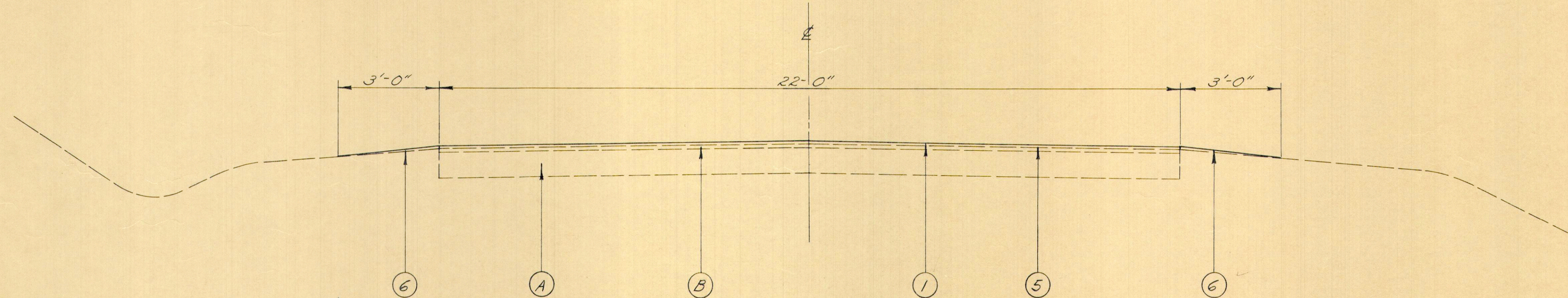
TYPE T-35
SCALE: $\frac{1}{2}'' = 1'-0''$

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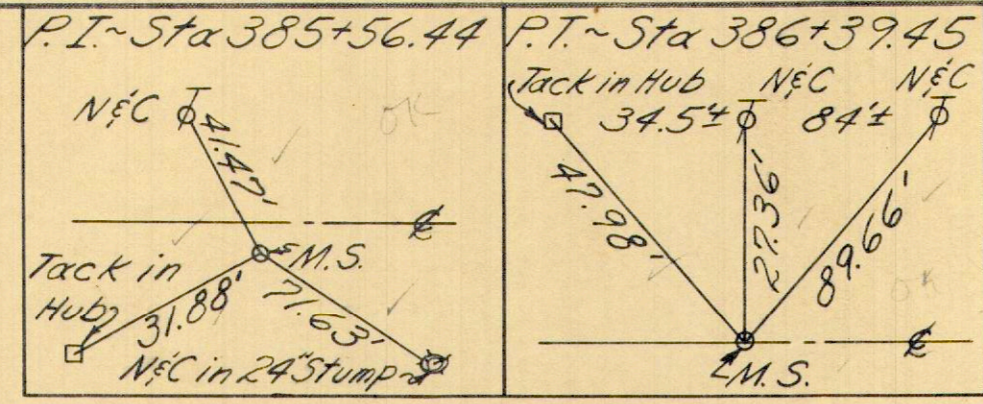
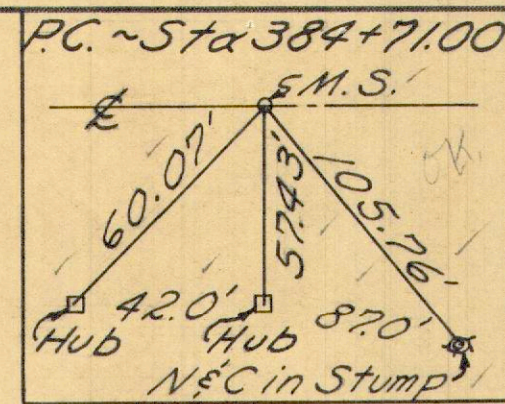
Part 1(c) Sta 390+25.67 to Sta 395+00 = 474.33 Lin. Ft.



Part 1(c) Sta 395+00 to Sta 396+75 = 175 Lin. Ft.

Part 1(d) Sta 396+75 to Sta 509+75 = 11,300 Lin. Ft.
Deduct for Bridges (See Sheet N^o1) = 48 Lin. Ft.
Net Length Part 1(d) = 11,252 Lin. Ft.

- ~KEY~
- (A) Existing Concrete Pavement
 - (B) Existing Asphaltic Concrete Surface
 - (1) Item T-35 1" Asphaltic Concrete Surface Course (70-85)
 - (2) Item B-35 1 1/2" Asphaltic Concrete Leveling Course (70-85)
 - (3) Item B-21 3" Waterproofed Aggregate Base Course
 - (4) Item I-22 6" Subbase
 - (5) Item T-30 Bituminous Tack Coat, Sec. M-5.5 MS-2 or RS-1 or SS-1, or Sec. M-5.2 RC-1 or RC-2, as per Sec. T-30.02 applied at the rate of 0.1 gal. per sq. yd.
 - (6) Item I-18 Stabilized Crushed Aggregate Shoulders
 - (7) Item B-35 Sealing Vertical Face Existing Pavement



B.M. ~ Elev 817.91
 M.S. in Light Pole by
 Y-Inn Restaurant
 134 Rt. Sta 386+23-SR62

B.M. ~ Elev 824.60
 □ Cut on N.E. Cor of
 Conc. Culvert Hdw.
 218 Rt. Sta 392+78

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Note: Existing Structure to be widened and new railing provided by State Forces.

CURVE DATA:
 P.I. ~ 385+56.44
 $\Delta = 23^{\circ} 35' \text{LT}$
 $D = 14^{\circ} 00'$
 $T = 85.44'$
 $L = 168.45'$
 $E = 8.82'$
 $R = 409.26'$

Sta 386+25
 END Part 1(a)
 BEGIN Part 1(b)
 SLM 17.60

Note: For Estimated Quantities Part 1(b) & Part 1(c) See Tables Sheets No. 6 & 7

Sta 396+75
 END Part 1(c)
 BEGIN Part 1(d)
 Fr. Shed

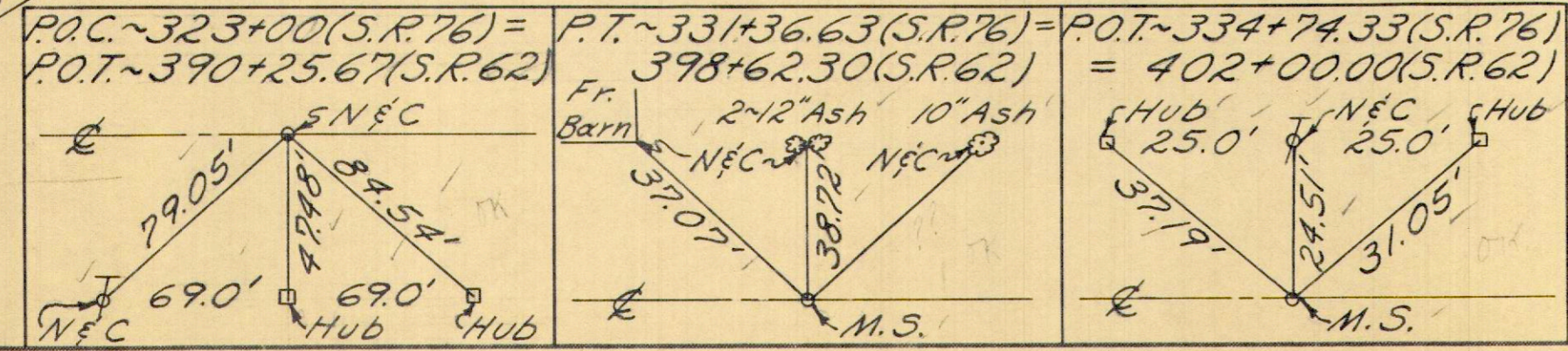
SLM 17.76 AHEAD =
 SLM 17.80 BACK

PLAN
 Scale: 1" = 50'

Note: For Pavement Details See Sheet No. 12

Sta 390+25.67
 END Part 1(b)
 BEGIN Part 1(c)
 SLM 17.68 S.R. 62 =
 SLM 6.12 S.R. 76

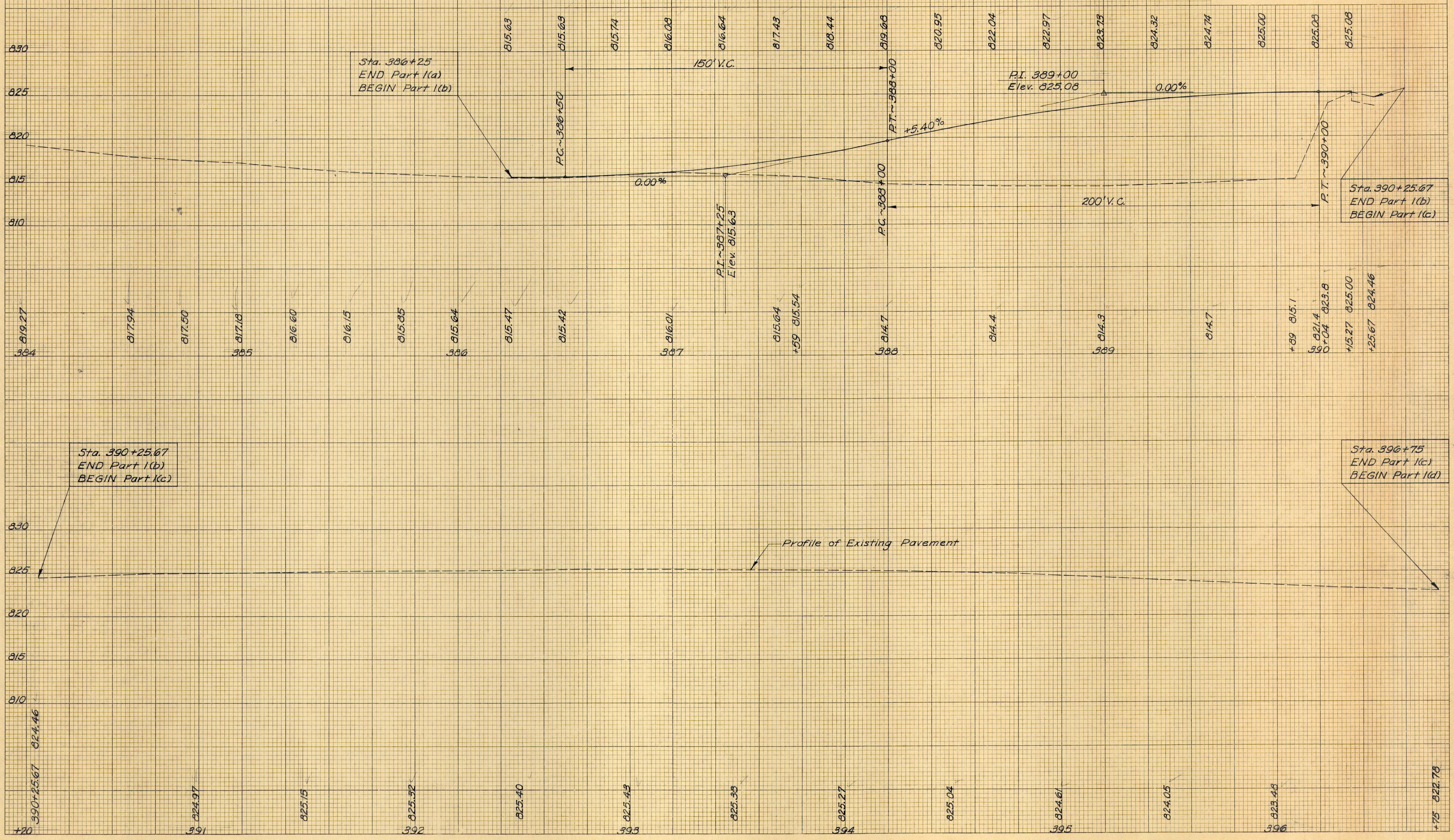
CURVE DATA:
 P.I. ~ 326+00.71 (S.R. 76 Sta)
 $\Delta = 68^{\circ} 27' \text{RT}$
 $D = 5^{\circ} 30'$
 $T = 108.65'$
 $L = 1244.55'$
 $E = 218.17'$
 $R = 1041.74'$



PROFILE
 Scale: Horizontal 1"=20'
 Vertical 1"=5'

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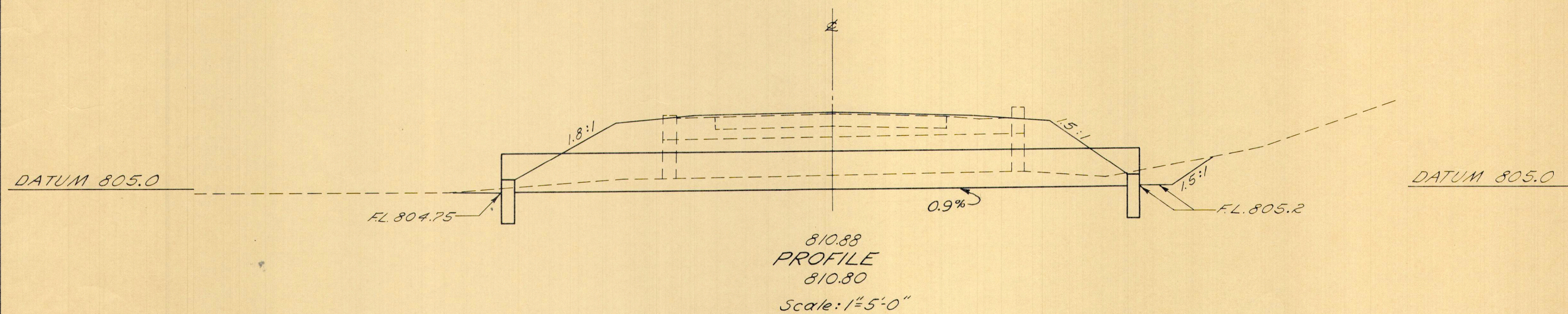
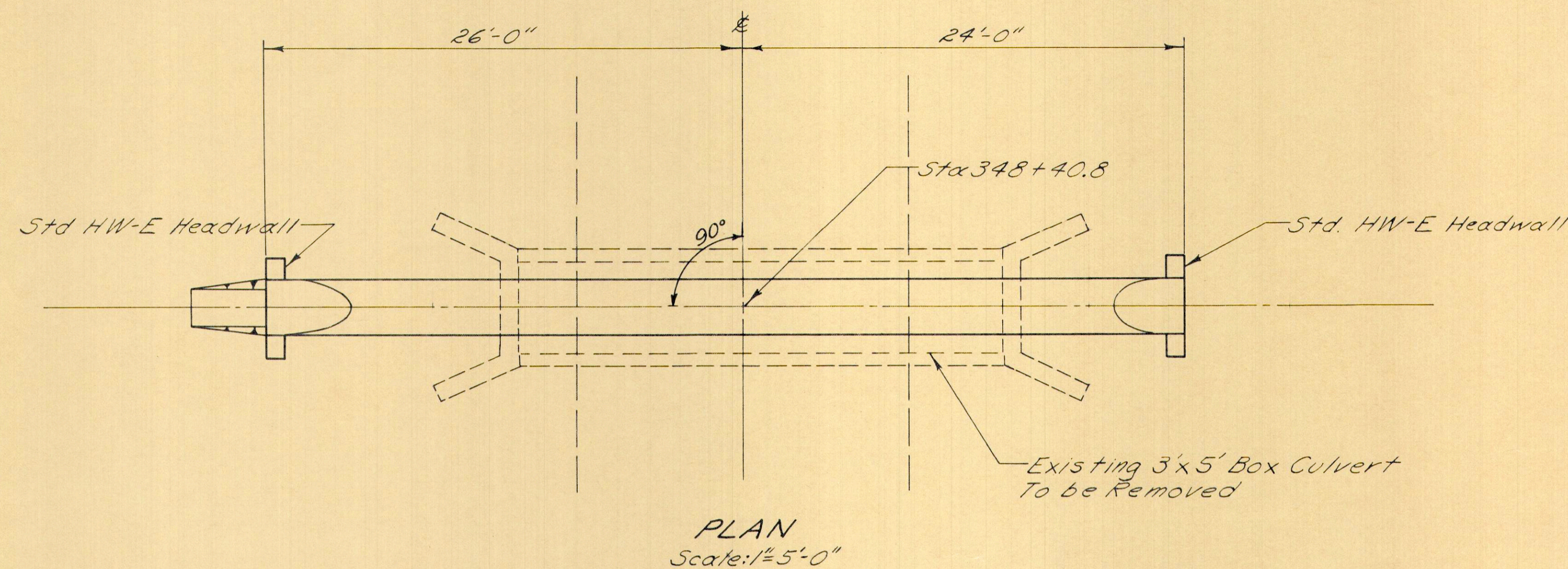


ESTIMATED QUANTITIES

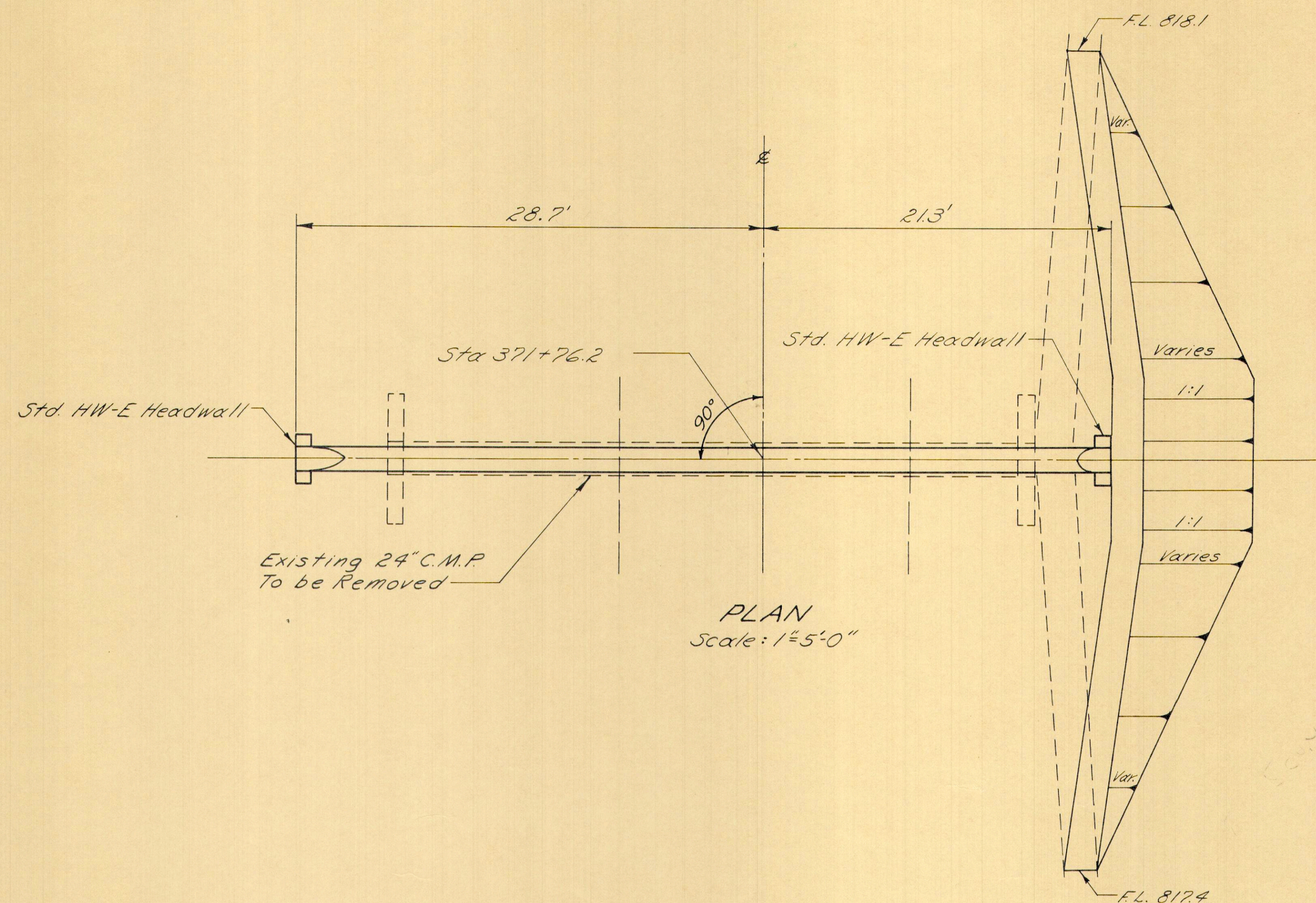
36" Pipe, Class A-1	50 L.F.
Masonry	1.2 C.Y.
Removal of Portions of Existing Structure	18 C.Y.
Pavement Removal	20 S.Y.
Channel Excavation	2 C.Y.

Note: Quantities Carried to Sheet No. 7

Area: 14 acres
Q₂₅: 35 c.f.s.



2.55400-15.11 SLM

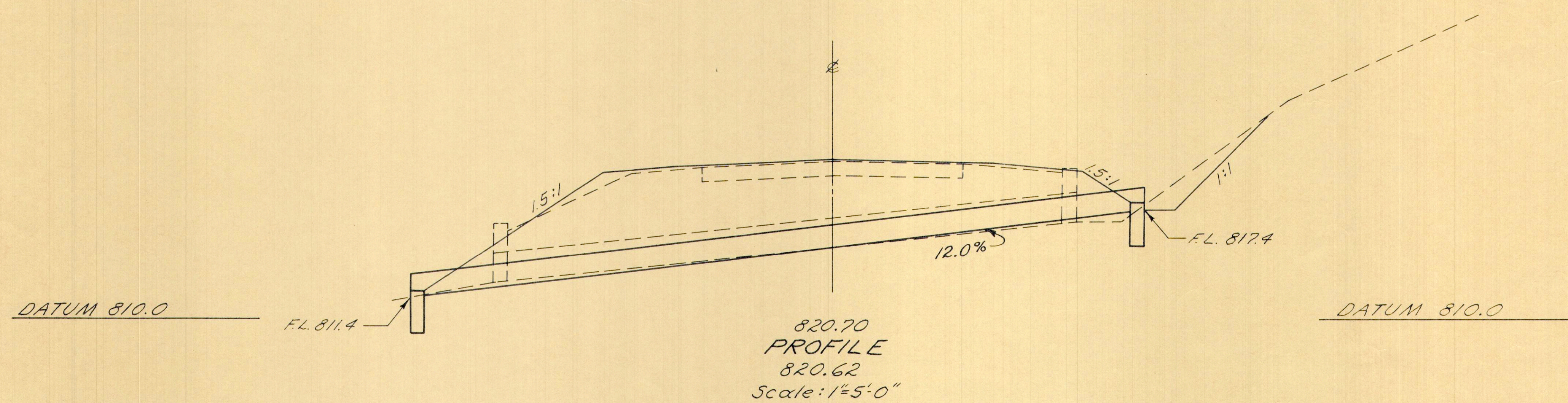


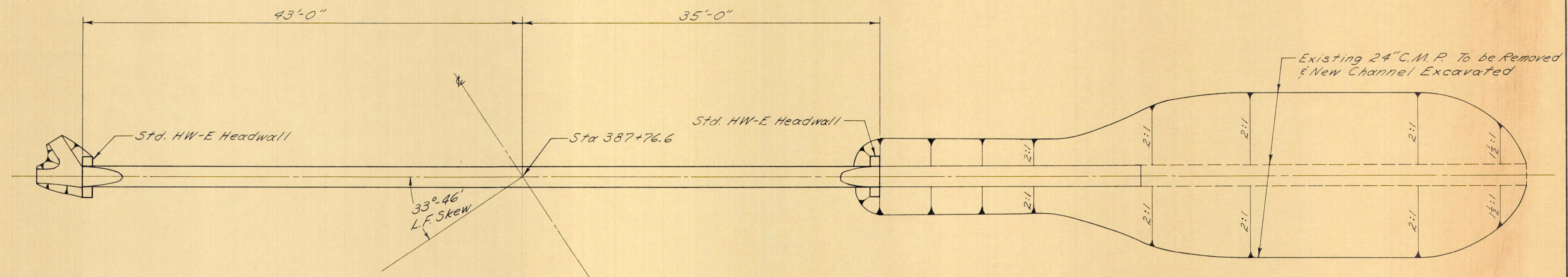
ESTIMATED QUANTITIES

18" Pipe, Class A-1	50	L.F.
Masonry	0.6	C.Y.
Pavement Removal	20	S.Y.
Pipe Removal incl. Headwalls	40	L.F.
Channel Excavation	10	C.Y.

Note: Quantities Carried to Sheet No. 7

Area: 3 acres
Q₂₅: 10 c.f.s.





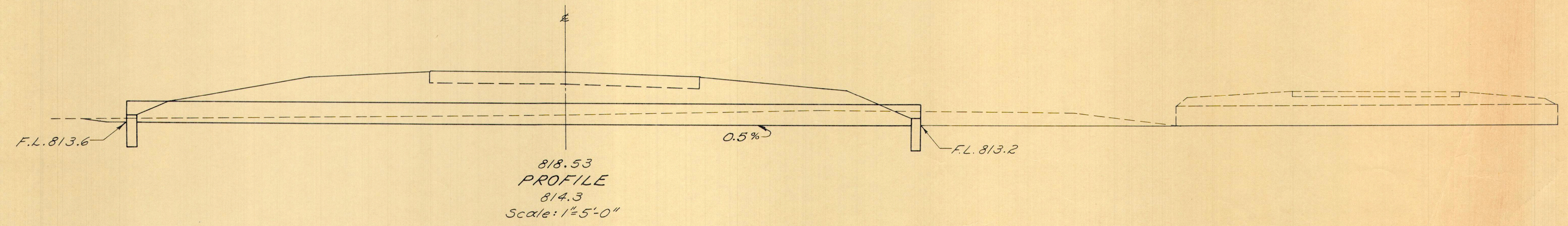
PLAN
Scale: 1"=5'-0"

ESTIMATED QUANTITIES

24" Pipe Class A-1	78	L.F.
Masonry	0.9	C.Y.
Channel Excavation	37	C.Y.
Pipe Removal (24" C.M.P.)	38	L.F.

Note: Quantities Carried to Sheet No. 7

Area: 4 acres
Q₂₅: 15 c.f.s.



818.53
PROFILE
814.3
Scale: 1"=5'-0"