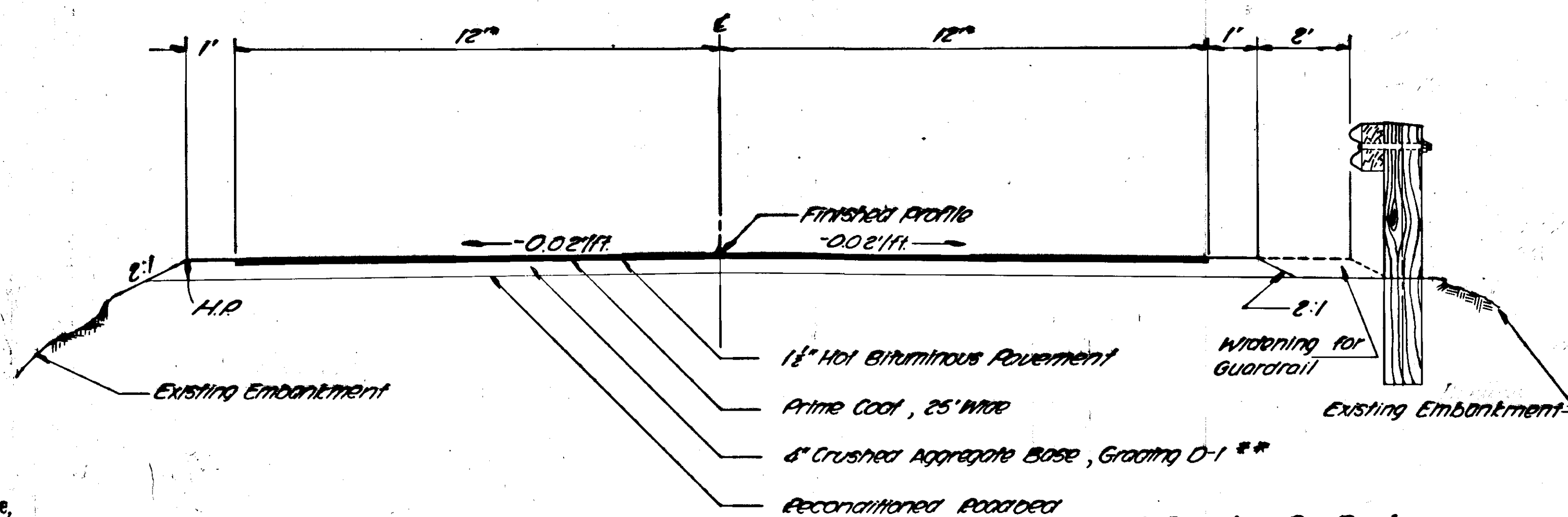
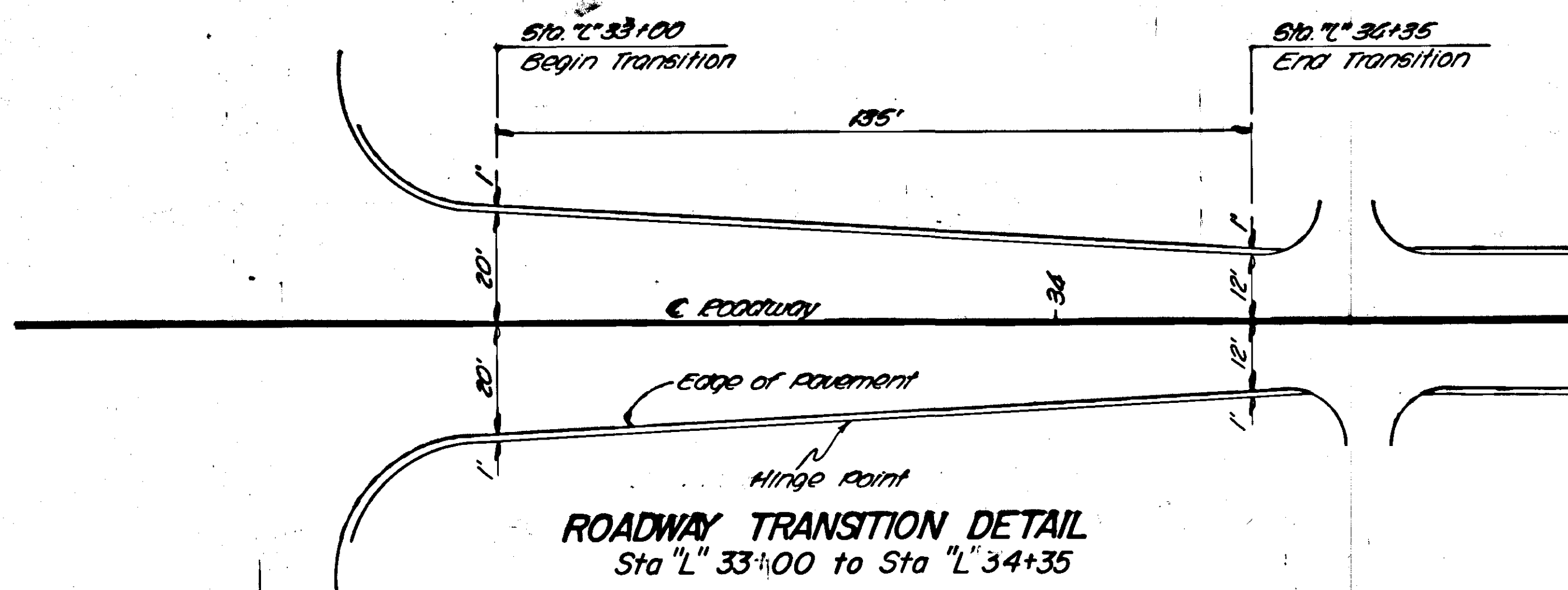


TYPICAL SECTION OF IMPROVEMENT
Sta "L" 25+12 to Sta "L" 32+53



TYPICAL SECTION OF IMPROVEMENT
Sta "L" 32+53 to Sta "L" 251+50

* Exception: See Roadway Transition Detail Below.
** Sta "L" 32+53 to "L" 35+00
11" Subbase Grading 'B' & 4" Crushed Aggregate Base Grading 'D-1'.



ROADWAY TRANSITION DETAIL
Sta "L" 33+00 to Sta "L" 34+35

GENERAL NOTES

Culvert lengths and locations are approximate only and are subject to revisions.

Grades and alignment shown on these plans are subject to minor revisions.

Miscellaneous and minor Right of Way encroachments, within the construction limits at the time of construction, such as fences, signs, abandoned foundations, etc., shall be removed by the contractor as directed by the engineer. No payment for this work shall be made as it is not a pay item in this contract.

All waste and/or surplus material encountered on this project will be disposed of by the contractor at locations of his choice and as approved by the engineer. There is no payment for haul or overhaul of any material on this project.

Superelevation shall be rotated about the centerline of roadway. Full superelevation shall be attained at the P. C. and P. T. and carried throughout the curve. The superelevation runoff distance shall be 200' in advance of the P. C. and 200' past the P. T.

Where the superelevation runoff distance cannot be attained due to short tangent distances, the runoff shall be such that relative longitudinal slope between edge of shoulder and centerline = 1:175.

Pay quantity for porous backfill for underdrains, Item No. 605(20) shall be based on plan trench width. (See sheets 16 and 18.)

In areas of unstable subgrade, the existing material shall be excavated to an adequate depth and backfilled with suitable material as directed by the engineer. Payment for excavation shall be under Bid Item No. 203(3), Unclassified Excavation.

All existing driveways shall be surfaced in accordance with Standard R-1, except in areas of concrete curb and gutter.

At the option of the contractor, corrugated Aluminum pipe, galvanized steel pipe, or reinforced concrete pipe may be furnished for Pay Item No. 603(26).

Locations of underground utilities are approximate only.

After the roadbed has been reconditioned, it shall be shaped to line and grade as staked by the engineer.

All expansion joints shall be sealed with a Liquid Polymer Type joint sealer, as indicated in the Special Provisions.

Clearing, grubbing and the removal and disposal of existing culvert pipes shall be considered incidental to other items of work performed under this contract and no direct payment shall be made.

Existing guardrail shall be removed by State Maintenance Forces prior to construction. Post shall be removed by the contractor, and considered incidental to placement of new guardrail.

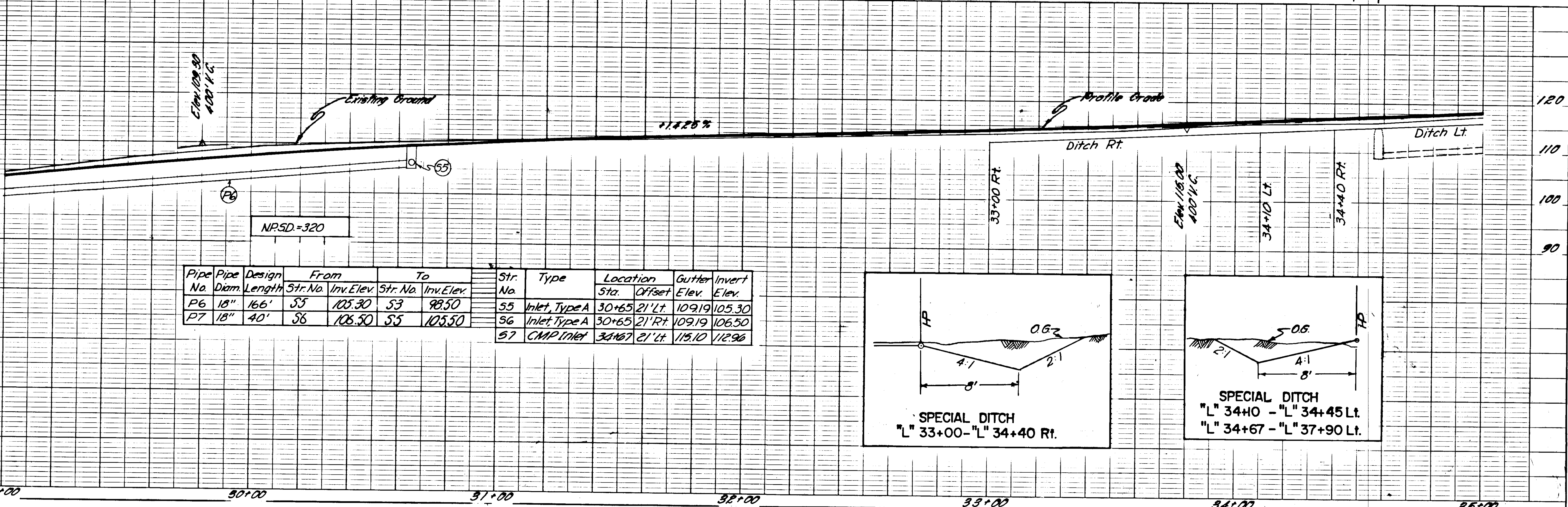
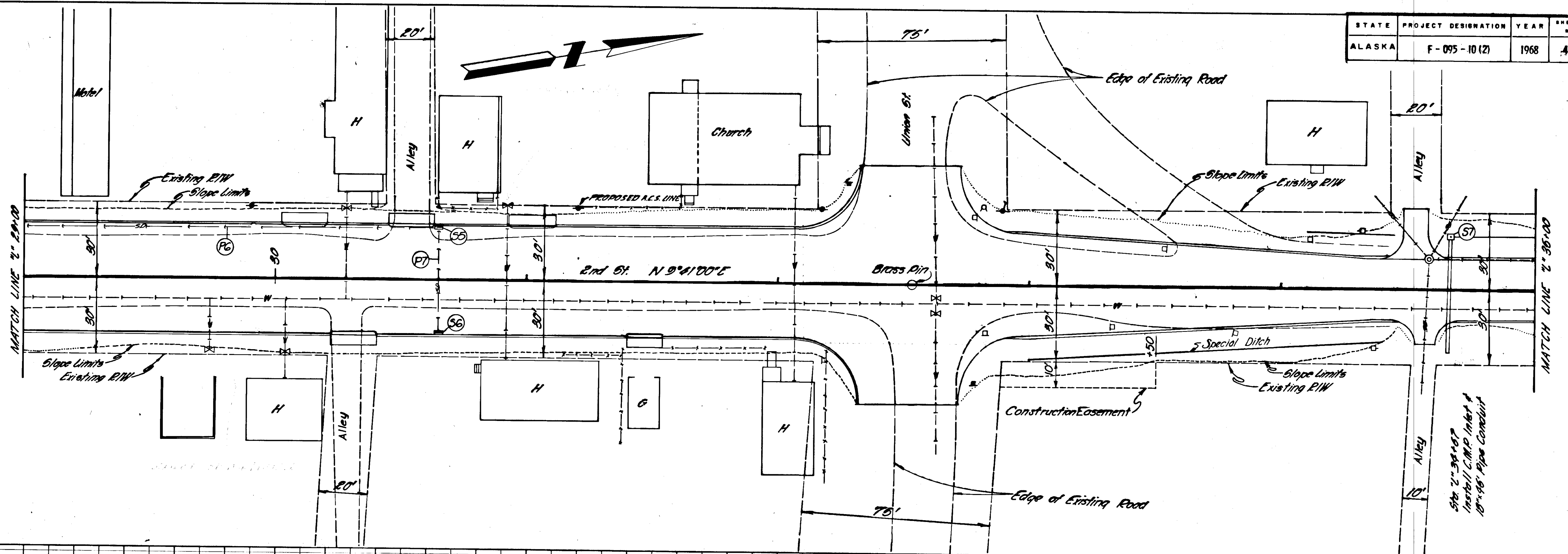
ESTIMATED QUANTITIES

ITEM NO	ITEM	UNIT	TOTAL
	Furnishing & Maintaining Engineering Facilities	Lump Sum	All Req'd
202(3)	Removal of sidewalk	Sq. Yd.	111
203(3)	Unclassified Excavation	Cu. Yd.	16,617
206(1)	Structural Excavation	Cu. Yd.	1,565
304(1)	Crushed Aggregate Base Course	Ton	19,219
306(1)	Reconditioning Roadbed	Sta.	218.39
307(1)	Subbase, Grading B	Ton	2,642
403(1)	Hot Bituminous pavement	Ton	6,264
408(2)	MC-30 Liquid Asphalt for Prime Coat	Ton	69.6
603(26A)	8" Pipe Conduit	L. F.	248
603(26E)	18" Pipe Conduit	L. F.	782
603(10G)	24" Asbestos Bonded Bituminous Coated C. M. P.	L. F.	484
603(10I)	36" Asbestos Bonded Bituminous Coated C. M. P.	L. F.	62
604(2)	Inlet, Type A	Each	6
604(6)	Corrugated Metal Pipe Inlet	Each	2
604(5)	Adjust Existing Manholes	Each	3
604(7)	Adjust Sewer Cleanout	Each	1
605(18)	8" Perf. Pipe Underdrain	L. F.	1,590
605(20)	Porous Backfill Material, Pipe Underdrains	C. Y.	282
606(1)	Beam Type Guardrail, Type I Post	L. F.	5,587.5
310(2)	Stockpiled Material, Section 703.13		
	Type 3, Grading C	Ton	4,000
608(1)	Concrete Sidewalk, 4" depth	Sq. Yd.	510
608(4)	Concrete Sidewalk, 6" depth	Sq. Yd.	54
609(3)	Curb & Gutter, Type 2	L. F.	1,804
613(2)	Culvert Marker Posts	Each	20
614(1)	Survey Monuments	Each	2
614(2)	Monument Cases	Each	2
615(1)	Standard Signs	Each	87
640(11)	Adjust Water Valve Box	Each	7
681(1)	Trench Excavation and Backfill	Lump Sum	All Req'd.
681(2a)	3/4" Rigid Galvanized Steel Conduit (Approx. 800')	Lump Sum	All Req'd.
681(2b)	2" Rigid Galvanized Steel Conduit (Approx. 800')	Lump Sum	All Req'd.
681(3a)	4/0 Conductor, Direct Burial (Approx. 800')	Lump Sum	All Req'd.
681(3b)	No. 8 Conductor (Approx. 5,000')	Lump Sum	All Req'd.
681(3c)	No. 12 Conductor (Approx. 4,000')	Lump Sum	All Req'd.
681(4)	Remove and Install Wooden Poles	Each	2
681(5)	Luminaires	Each	4
681(6)	Remove and Salvage Existing Facility	Lump Sum	All Req'd.

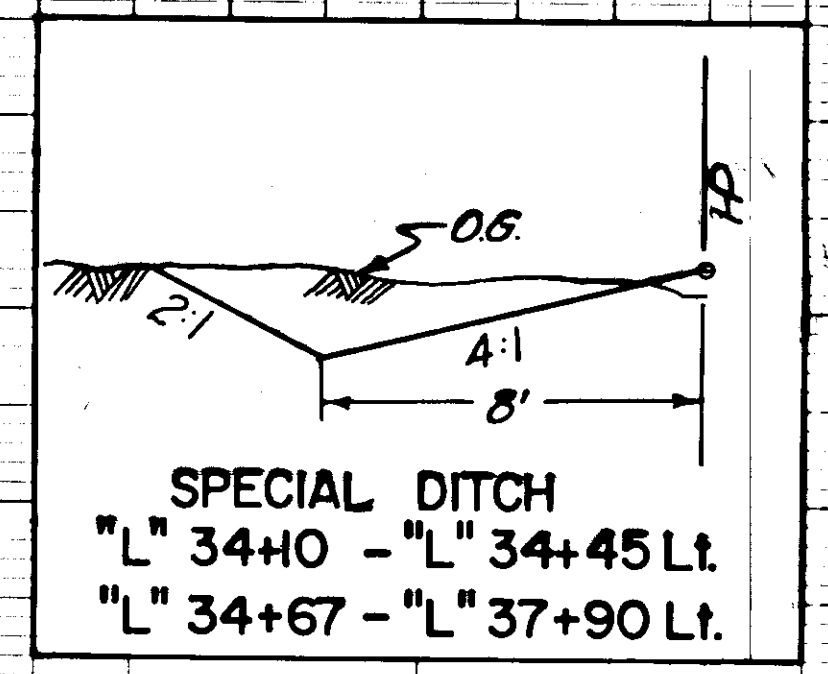
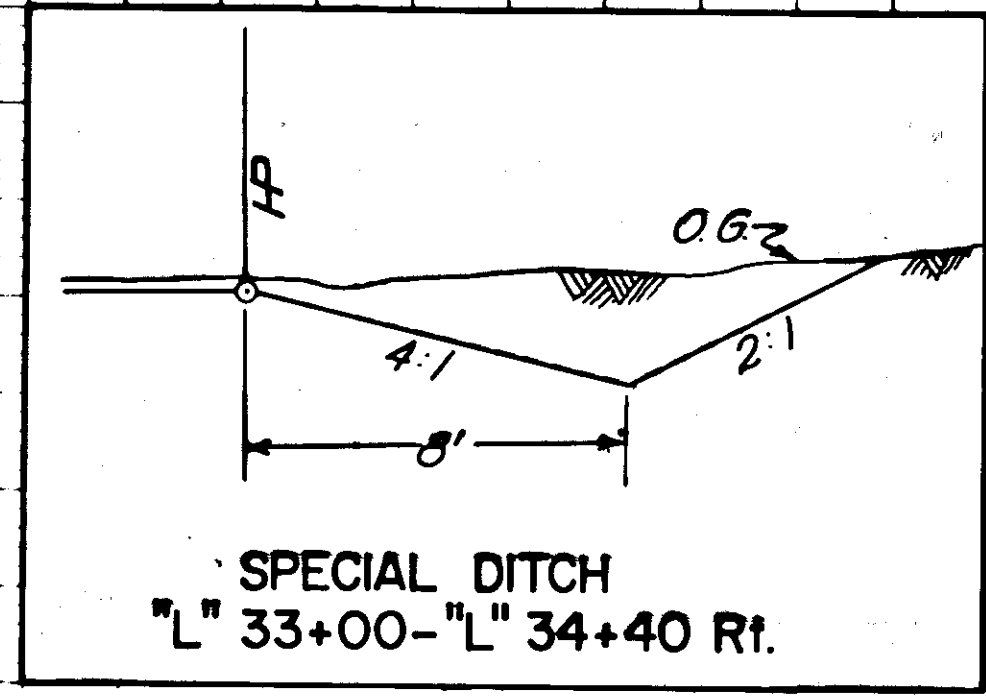
Note: Estimated Quantities include quantities for Ferry Terminal as listed on sheet 13.

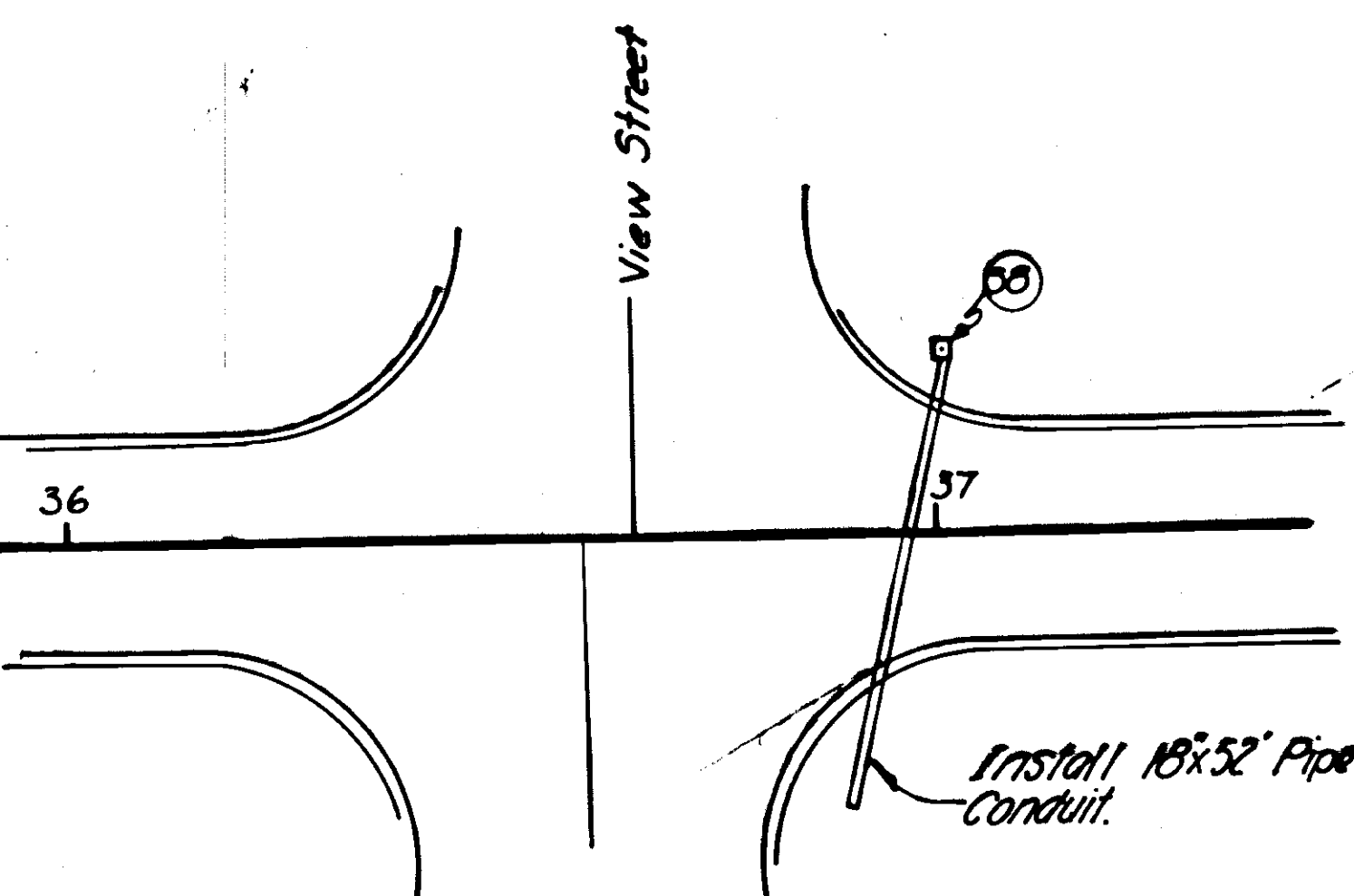
See Sheet #17 for location of Unclassified Excavation

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10 (2)	1968	4	36

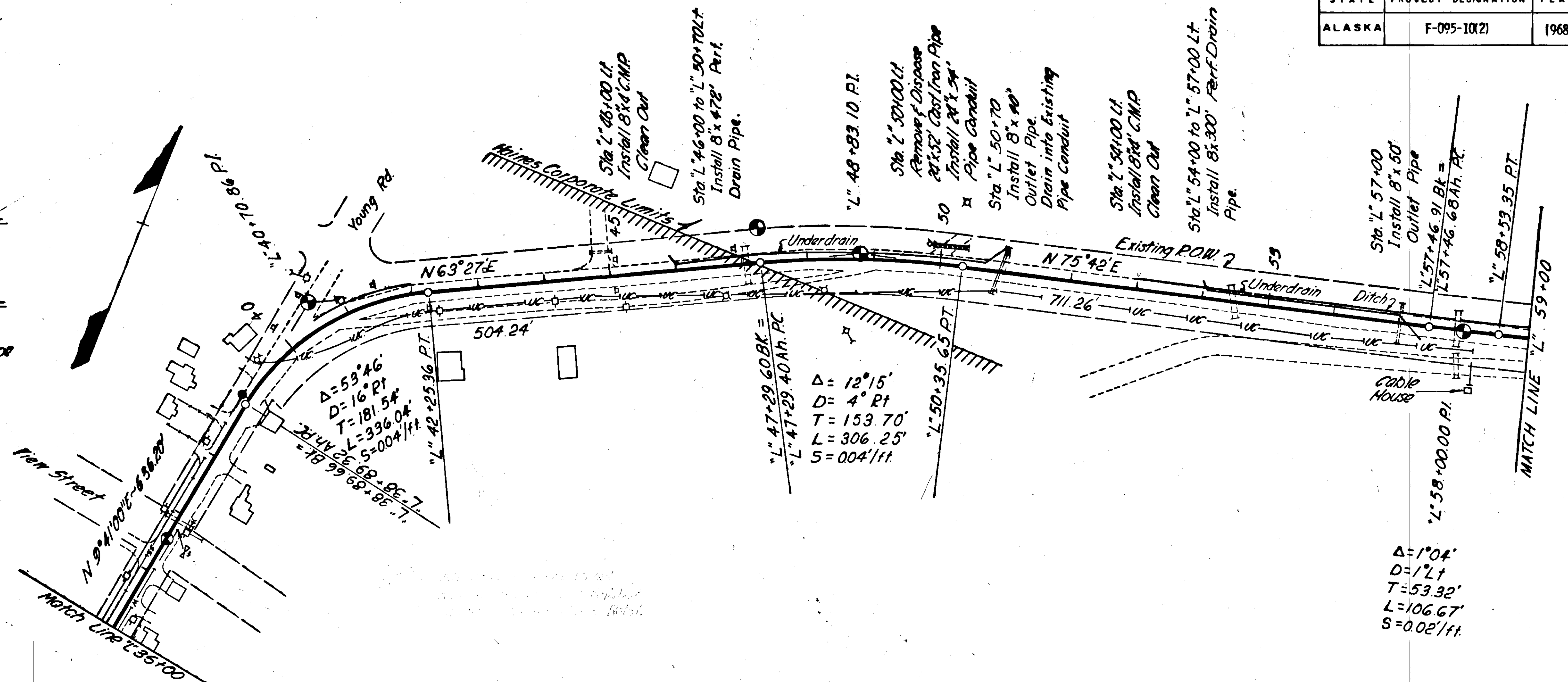


Pipe No.	Pipe Diam.	Design Length	From		To		Str. No.	Type	Location		Gutter Elev.	Invert Elev.
			Str. No.	Inv. Elev.	Str. No.	Inv. Elev.			Sta.	Offset		
P6	18"	166'	S5	105.30	S3	98.50	S5	Inlet, Type A	30+65	21' Lt.	109.19	105.30
P7	18"	40'	S6	106.50	S5	105.50	S6	Inlet, Type A	30+65	21' Rt.	109.19	106.50
							S7	CMP Inlet	34+67	21' Lt.	115.10	112.96





CULVERT INLET LOCATION DETAIL
STATION 37+00

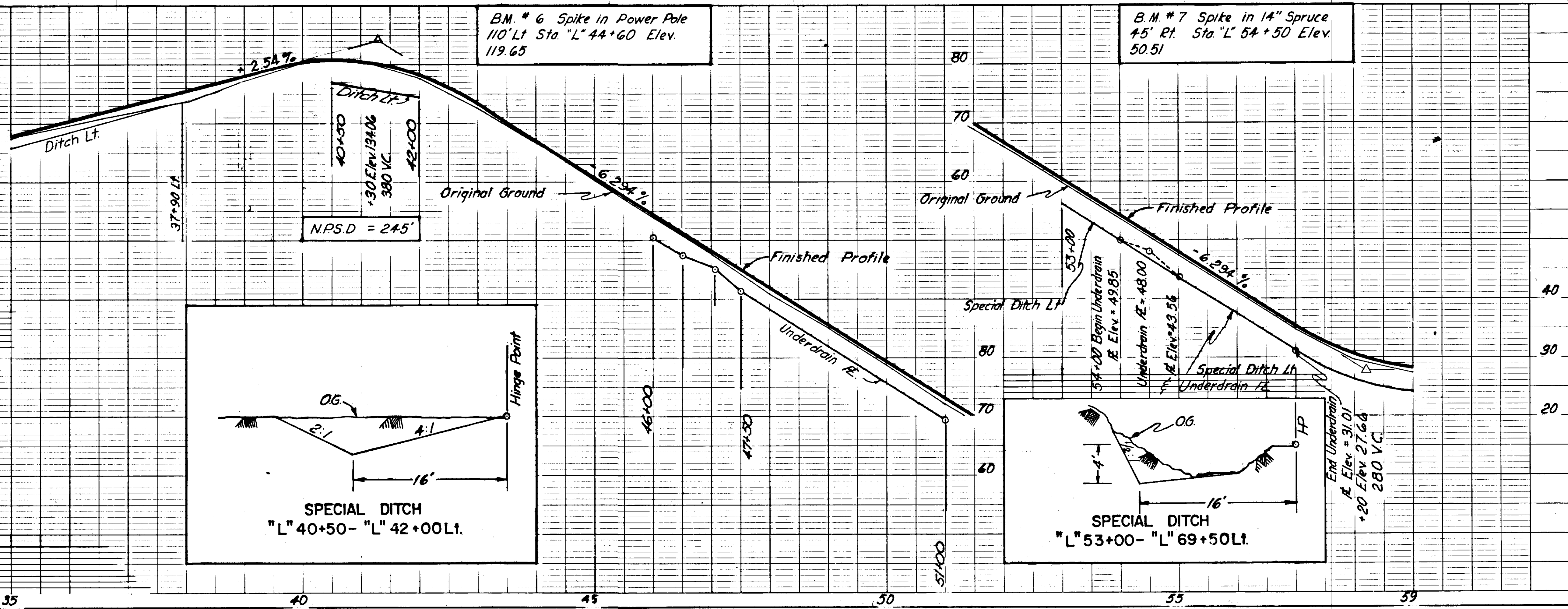


B.M. # 5 Spike in 16" Spruce
74' Lt Sta. "L" 35+95 Elev.
125.53

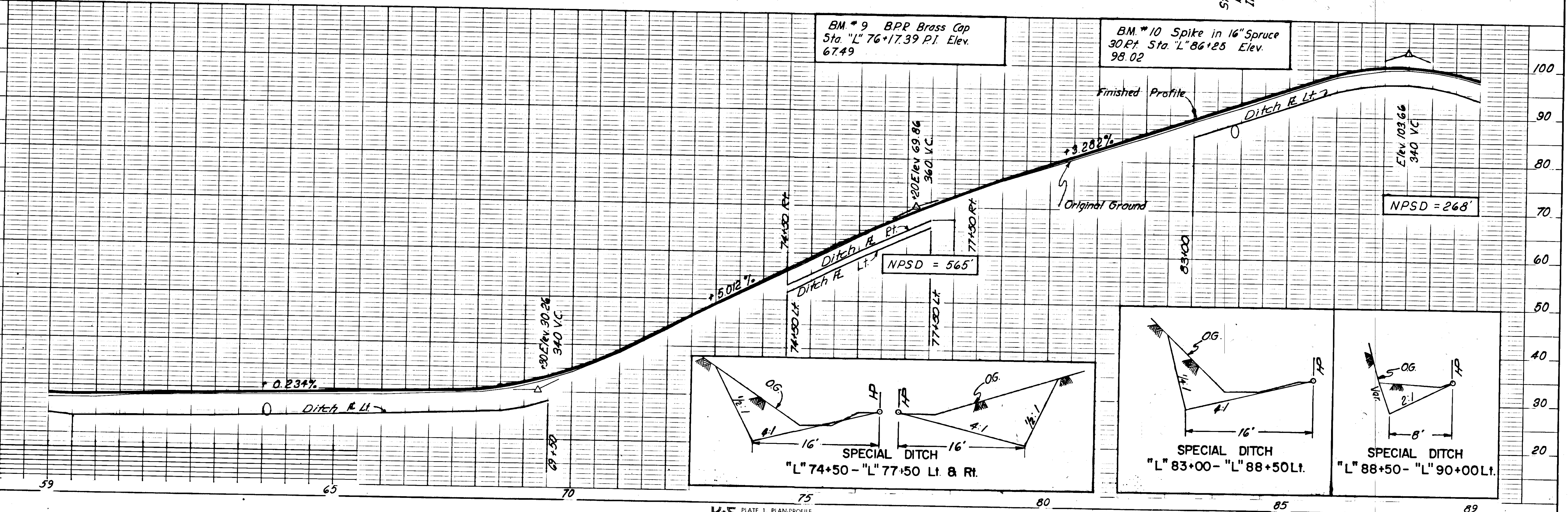
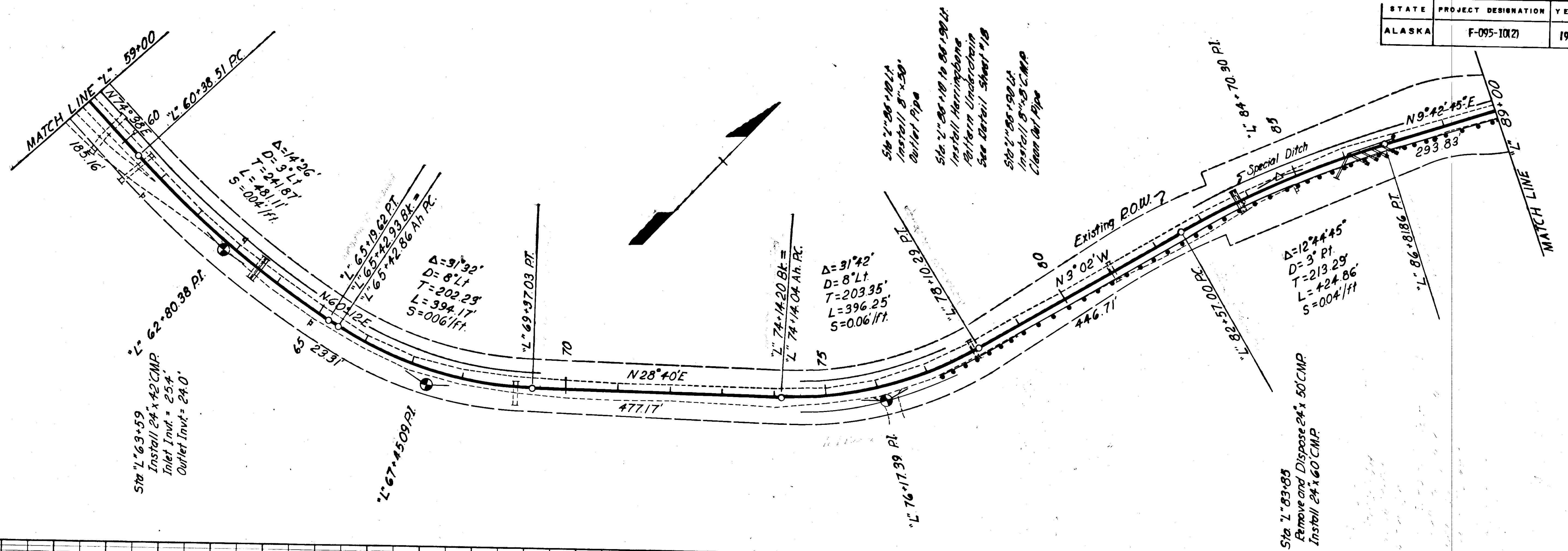
B.M. # 6 Spike in Power Pole
110' Lt Sta. "L" 44+60 Elev.
119.65

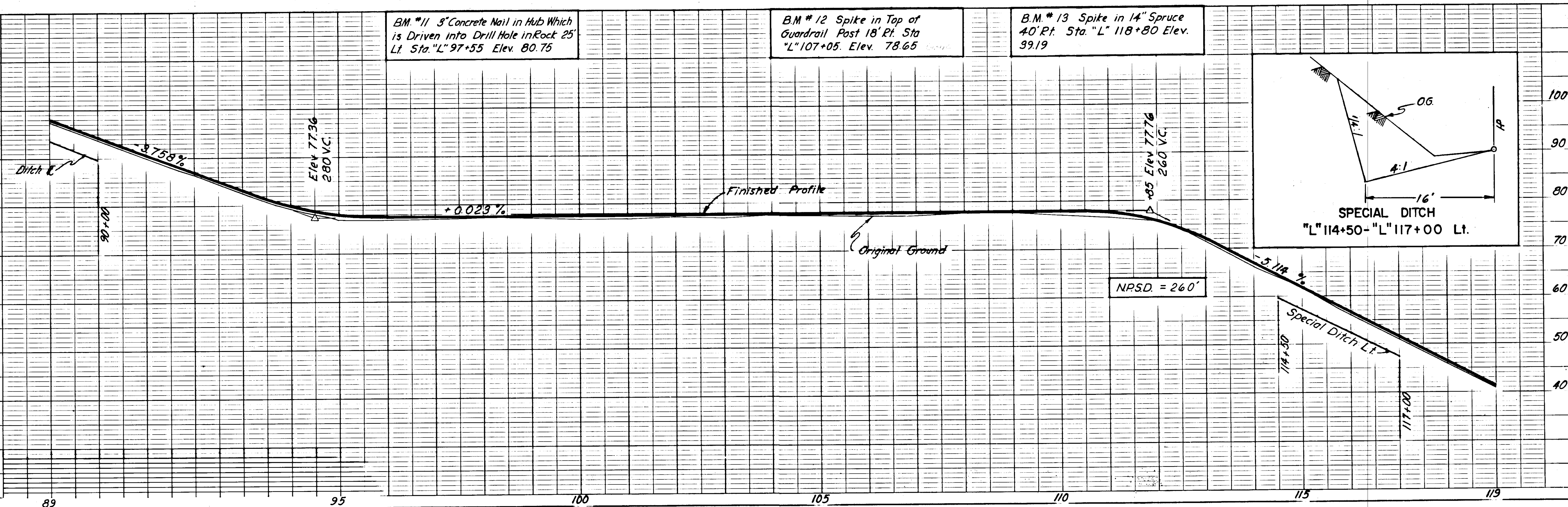
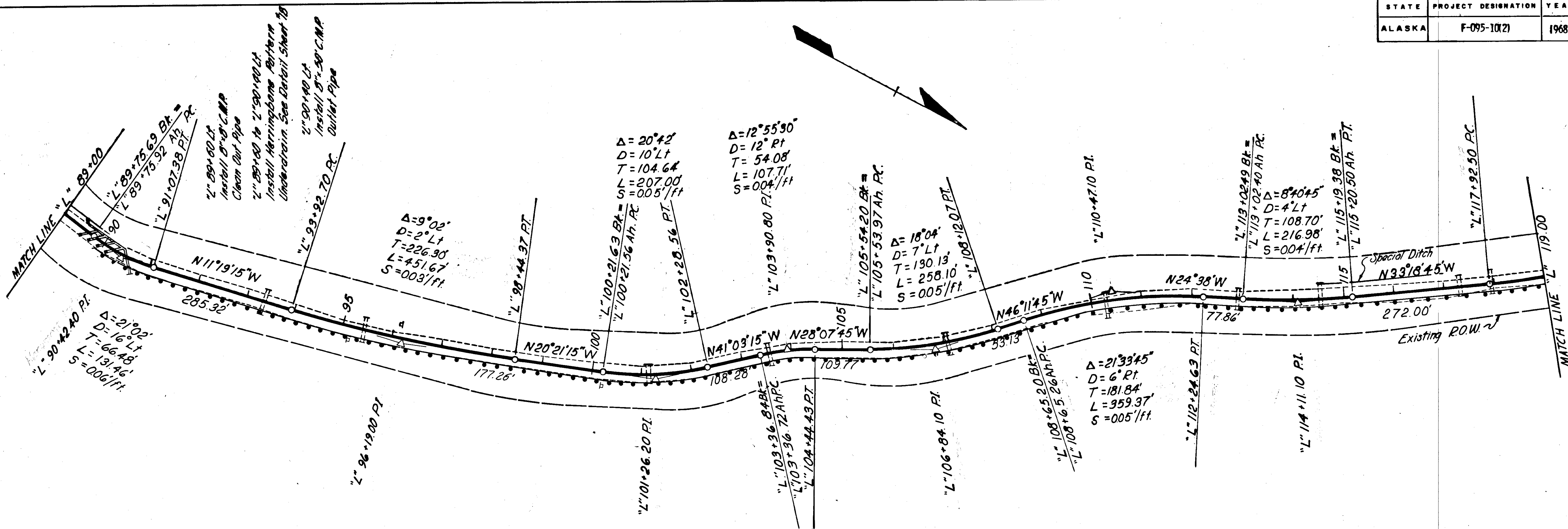
B.M. # 7 Spike in 14" Spruce
45' Rt. Sta. "L" 54+50 Elev.
50.51

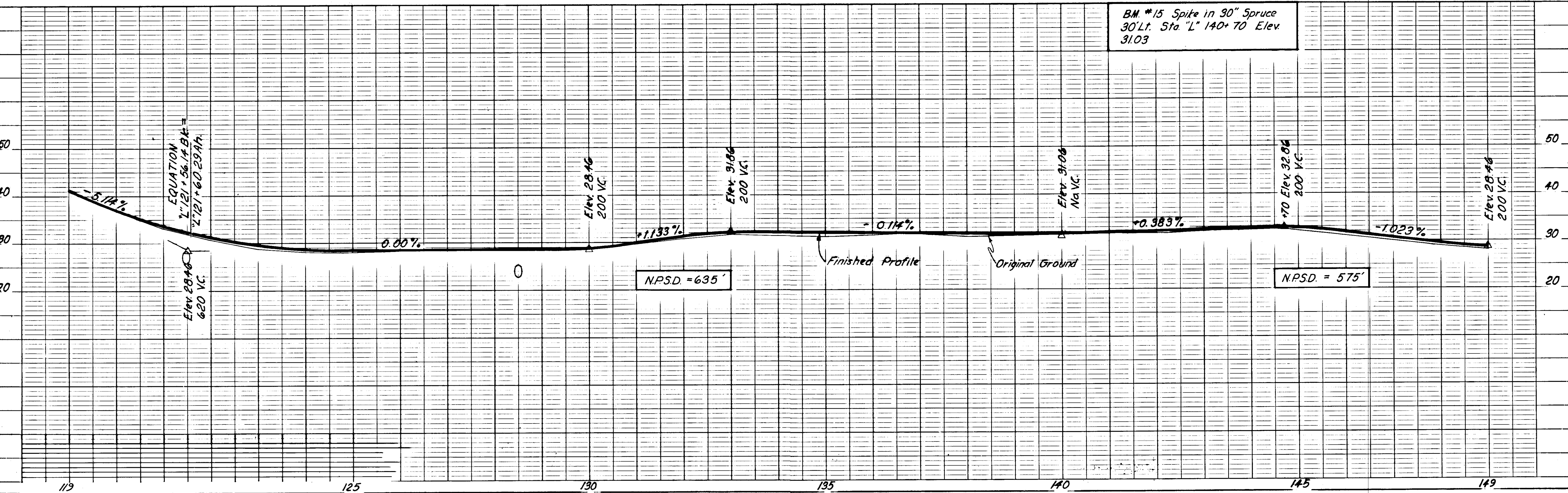
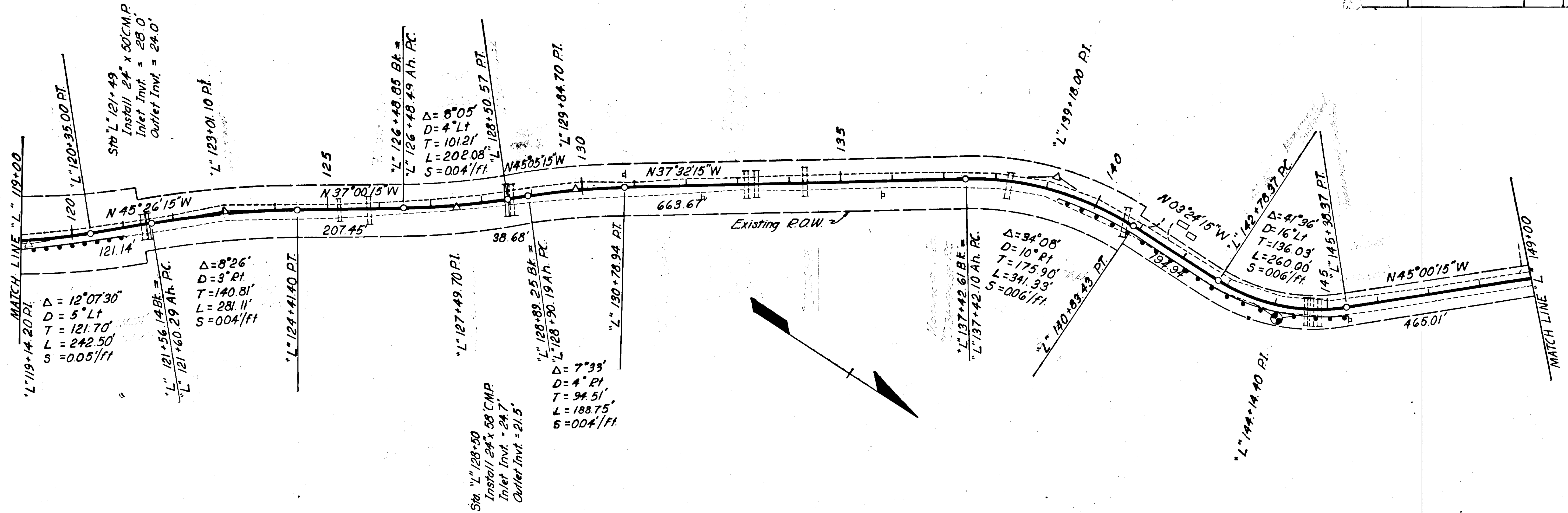
Str. No	Type	Location Sta.	Offset	Ditch Elev.	Inv. Elev.
58	C.M.P. Inlet	"L" 37+00	21' Lt.	120.87	118.70

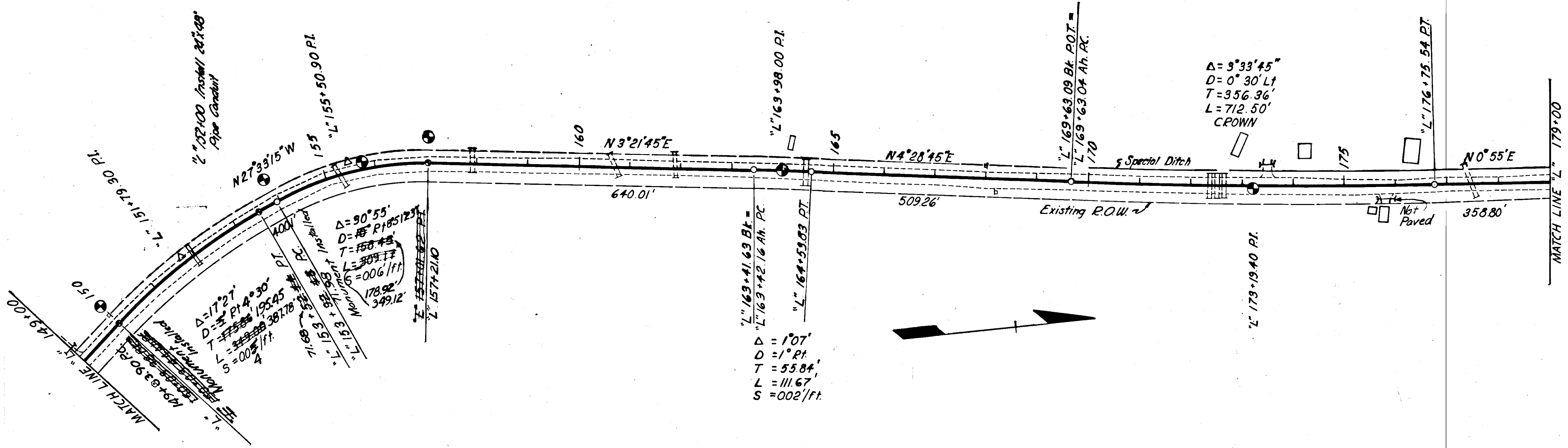


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(2)	1968	6	36





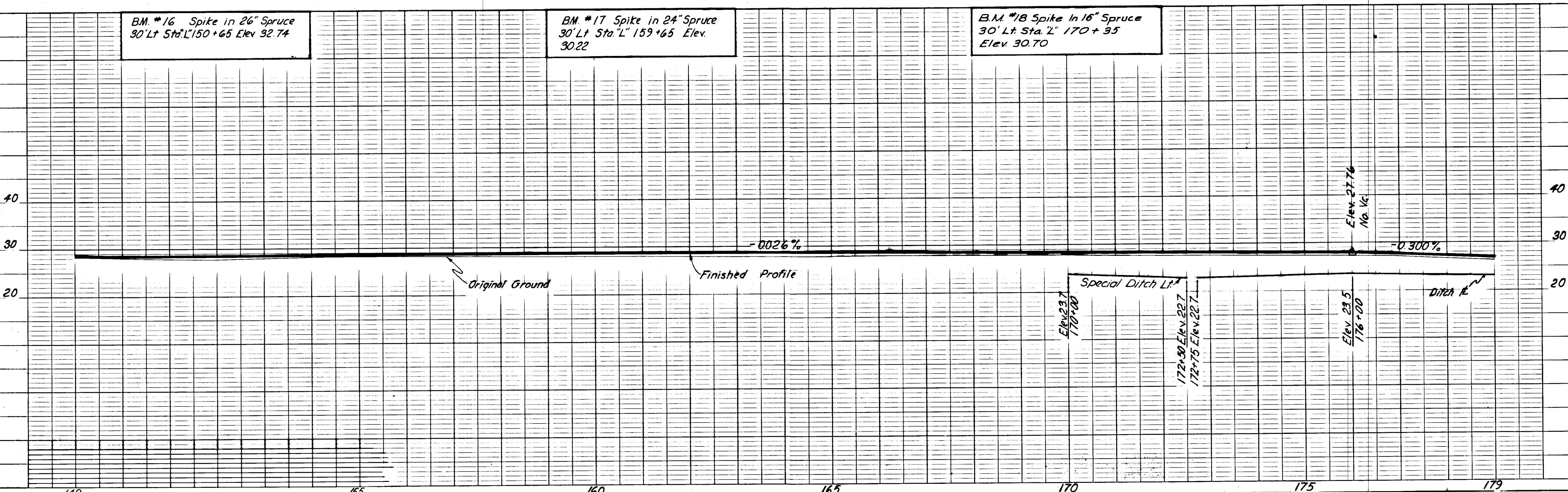




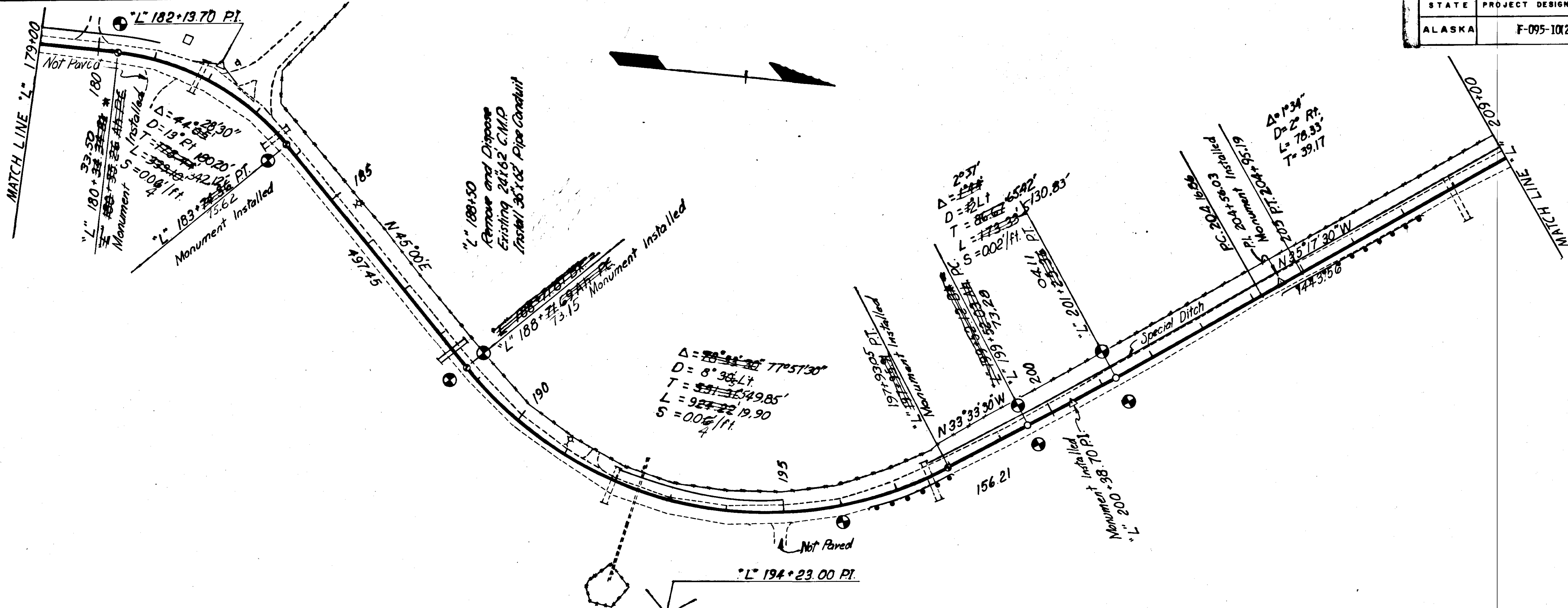
BM. *16 Spike in 26" Spruce
30' Lt Sta. "L" 150+65 Elev. 32.74

BM. *17 Spike in 24" Spruce
30' Lt Sta. "L" 159+65 Elev. 30.22

BM. *18 Spike in 16" Spruce
30' Lt Sta. "L" 170+35 Elev. 30.70



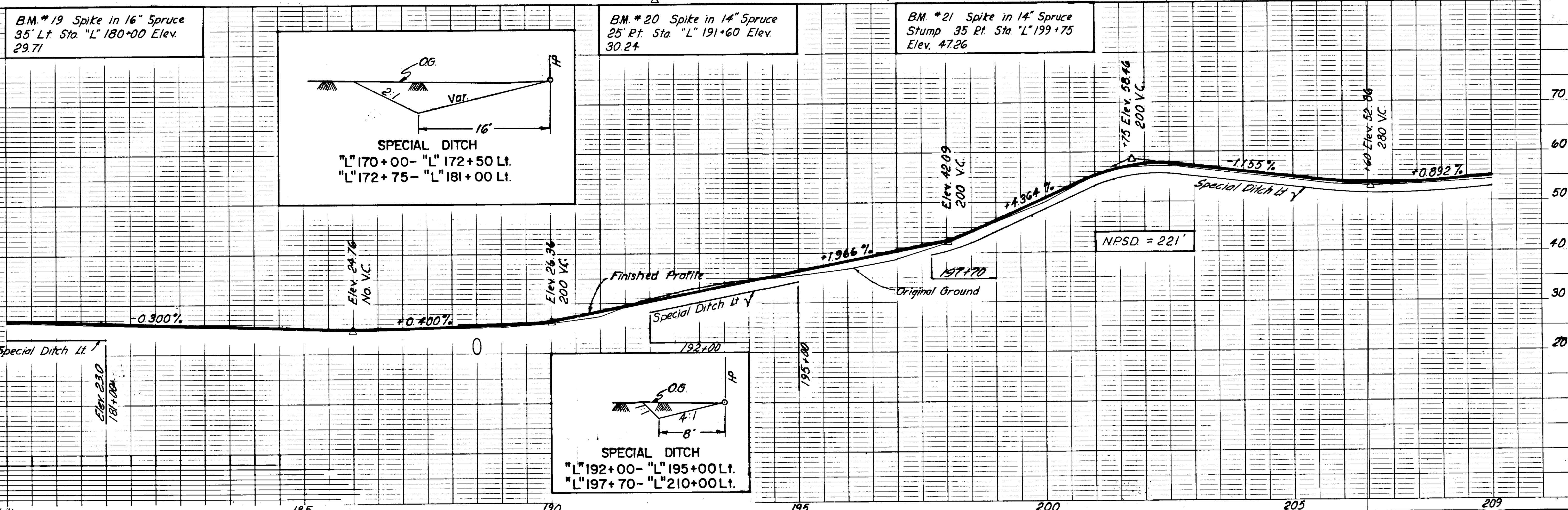
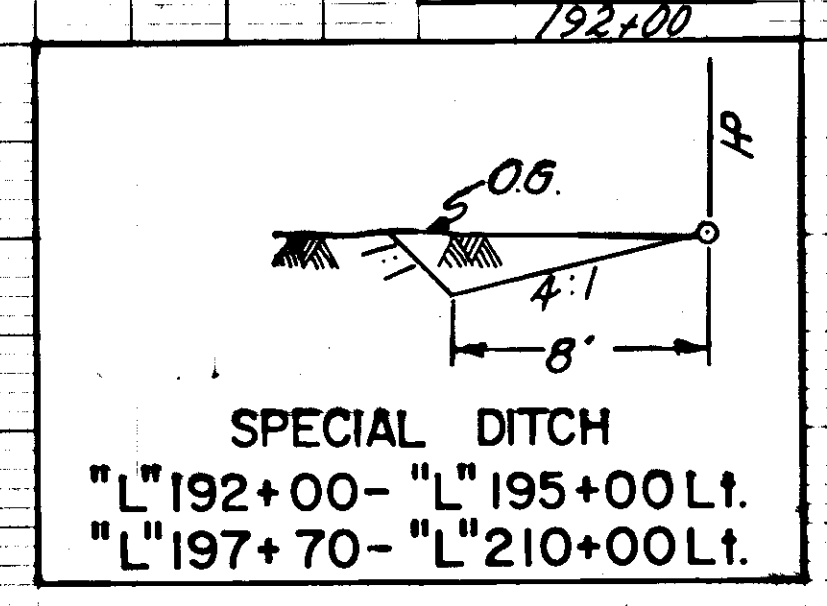
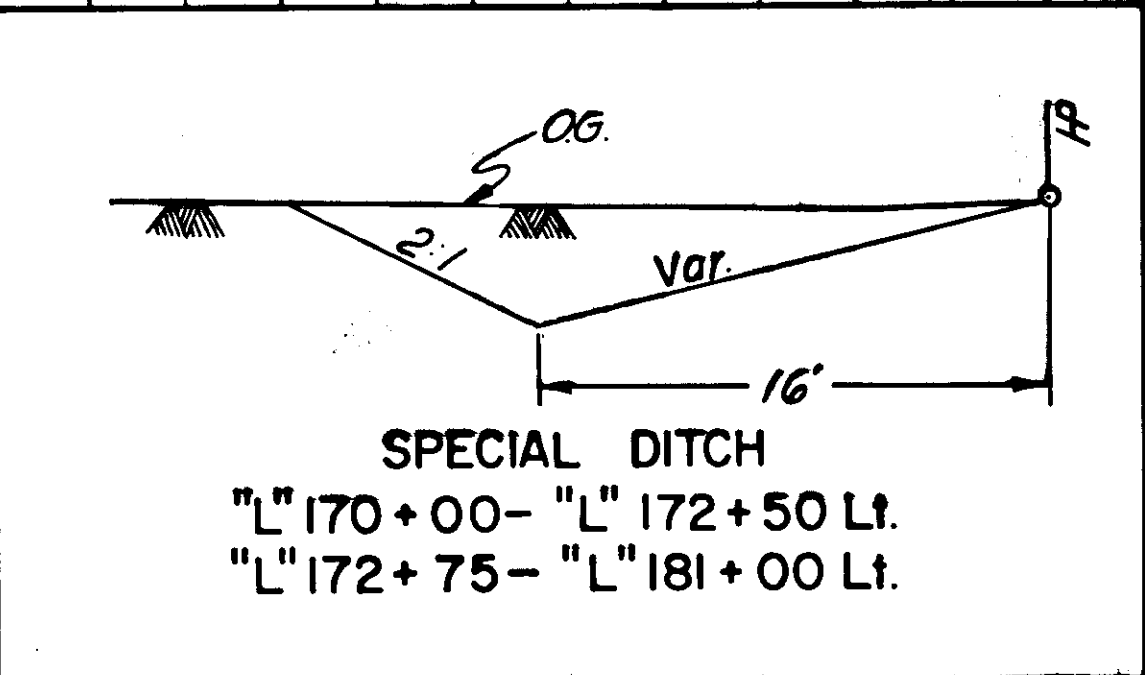
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(2)	1968	#0	36

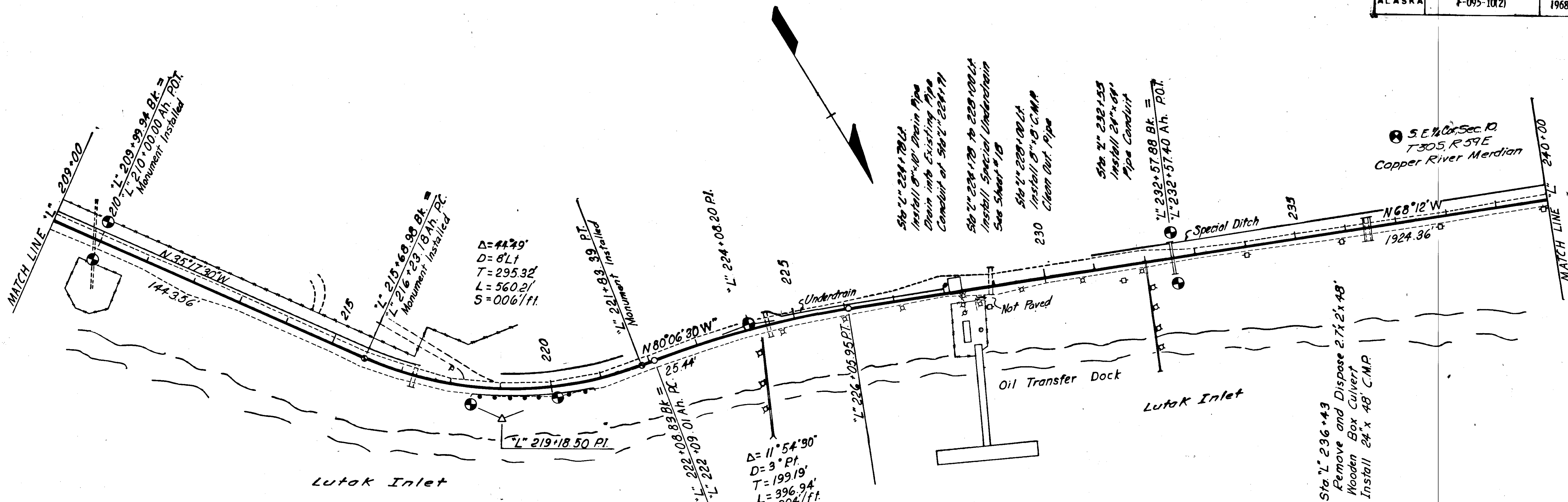


BM. #19 Spike in 16" Spruce
35' Lt. Sta. "L" 180+00 Elev.
29.71

BM. #20 Spike in 14" Spruce
25' Rt. Sta. "L" 191+60 Elev.
30.24

BM. #21 Spike in 14" Spruce
Stump 35' Rt. Sta. "L" 199+75
Elev. 47.26

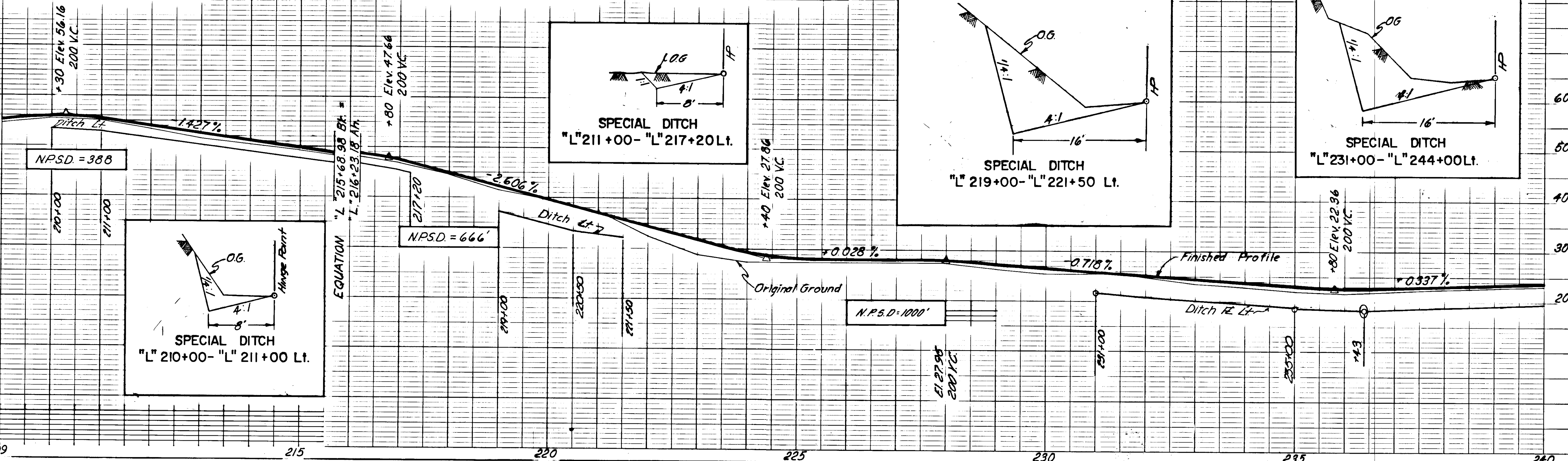




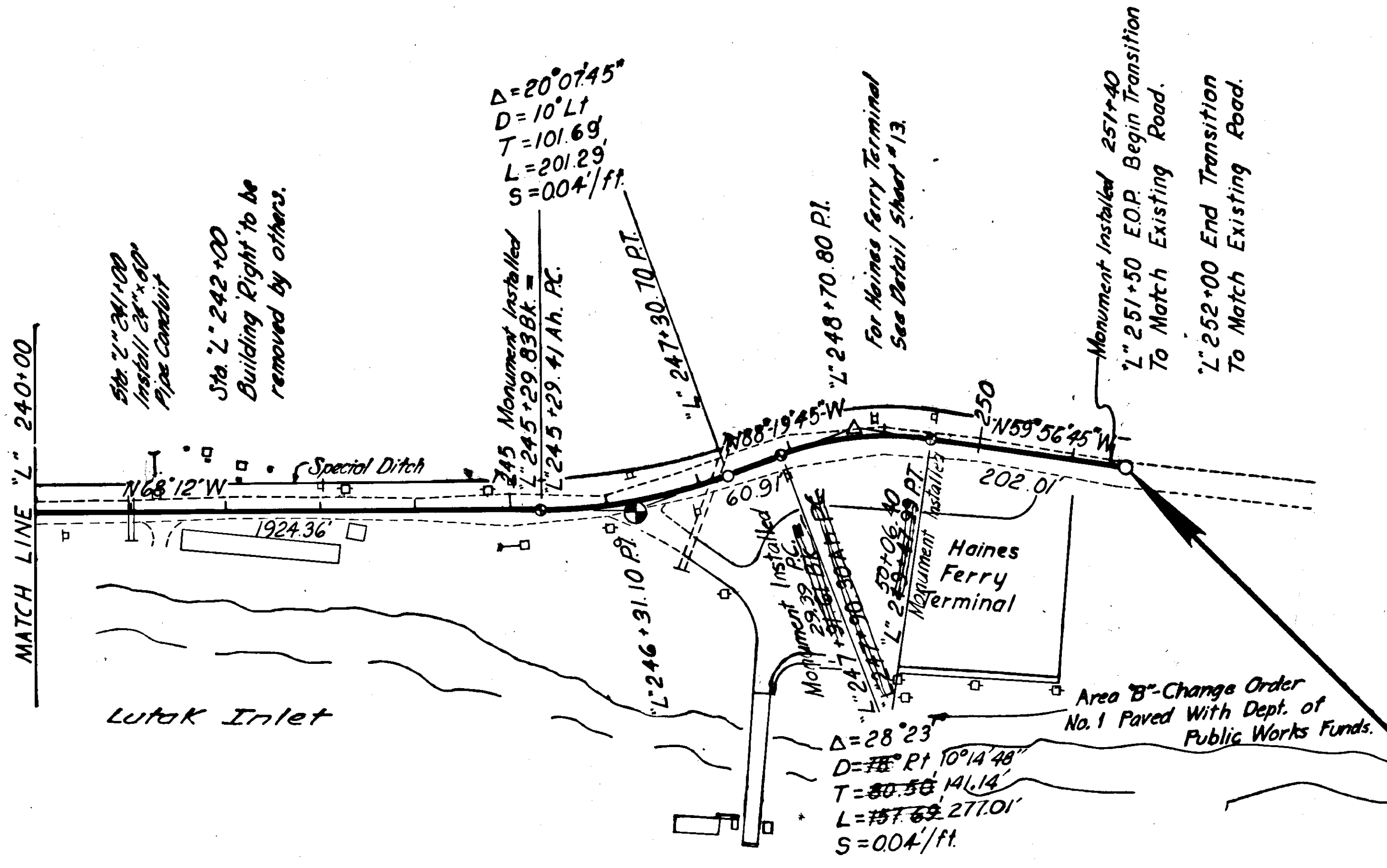
B.M. # 22 Spike in 30" Stump
 30' Pt. Sta. "L" 209+80
 Elev. 55.93

B.M. # 23 BPR Brass Cap. 25'
 Pt Sta. "L" 220+00 Elev. 37.73

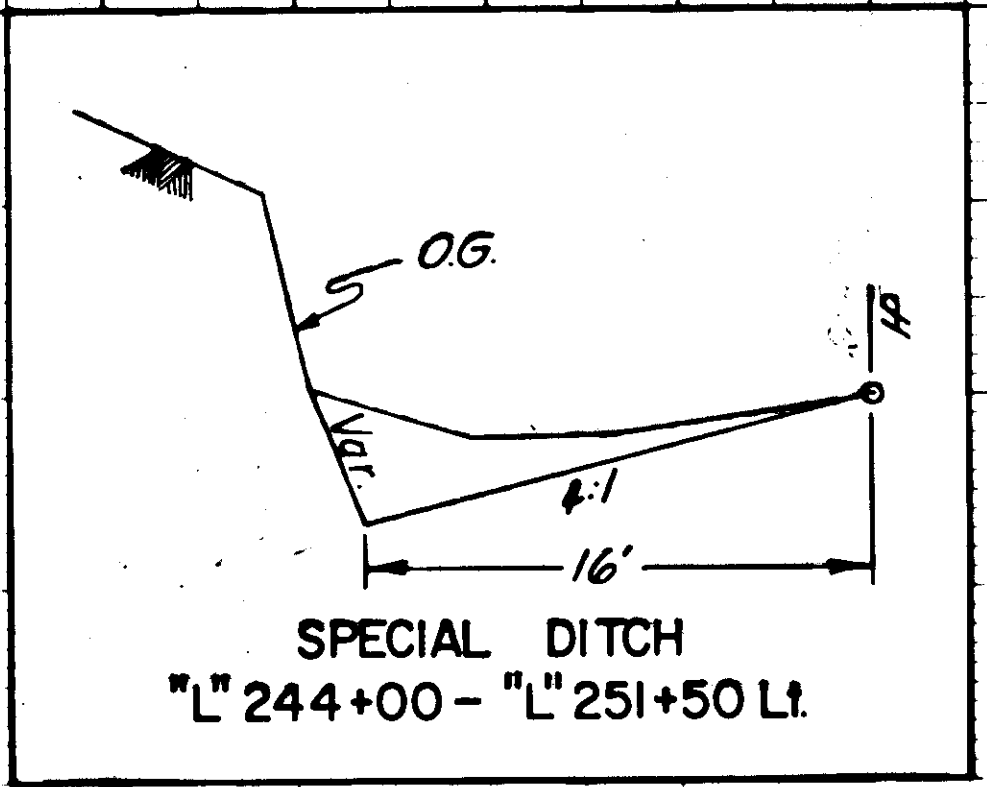
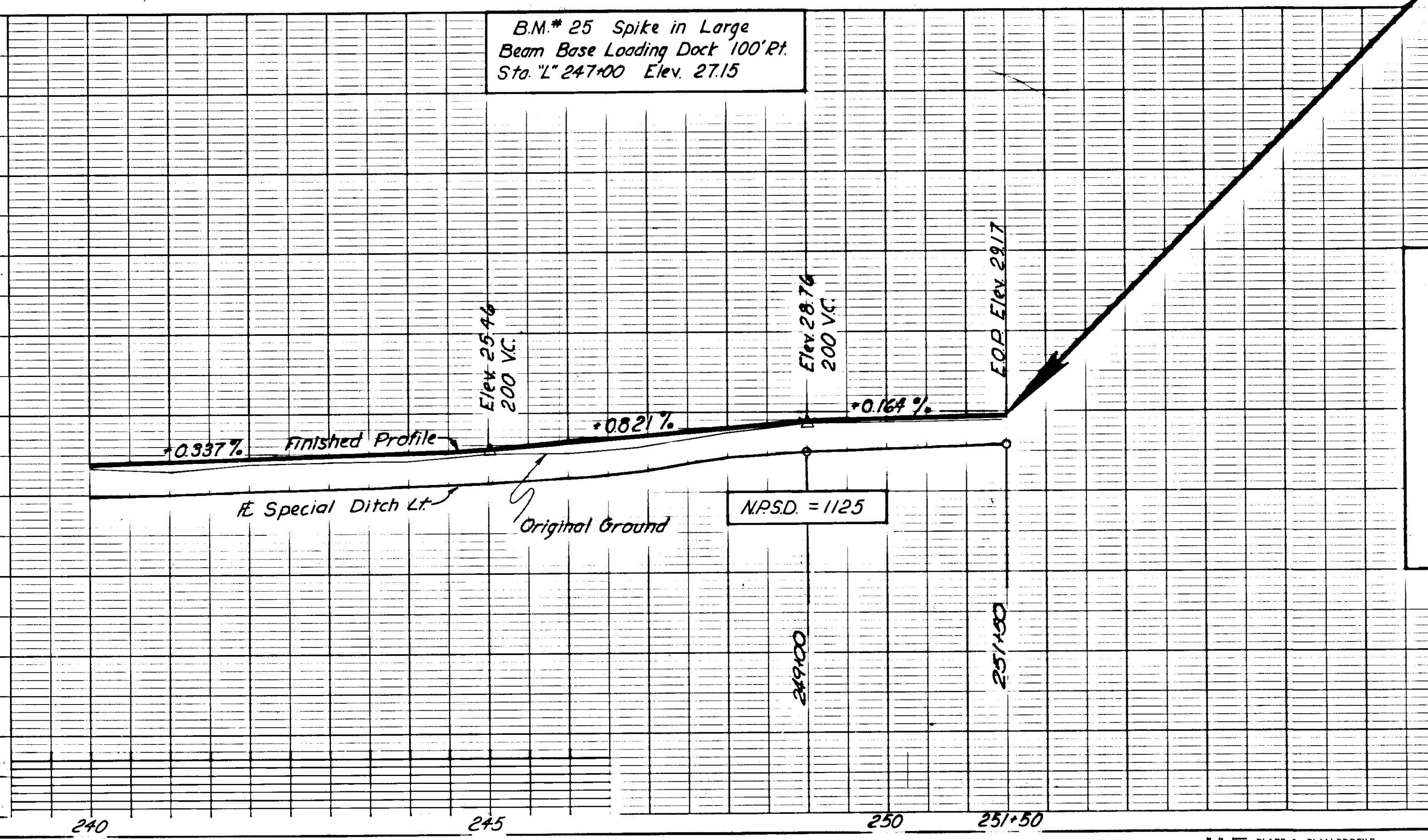
B.M. # 24 Spike in Power Pole,
 35' Pt. Sta. "L" 232+10 Elev. 25.46



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(2)	1968	12	36

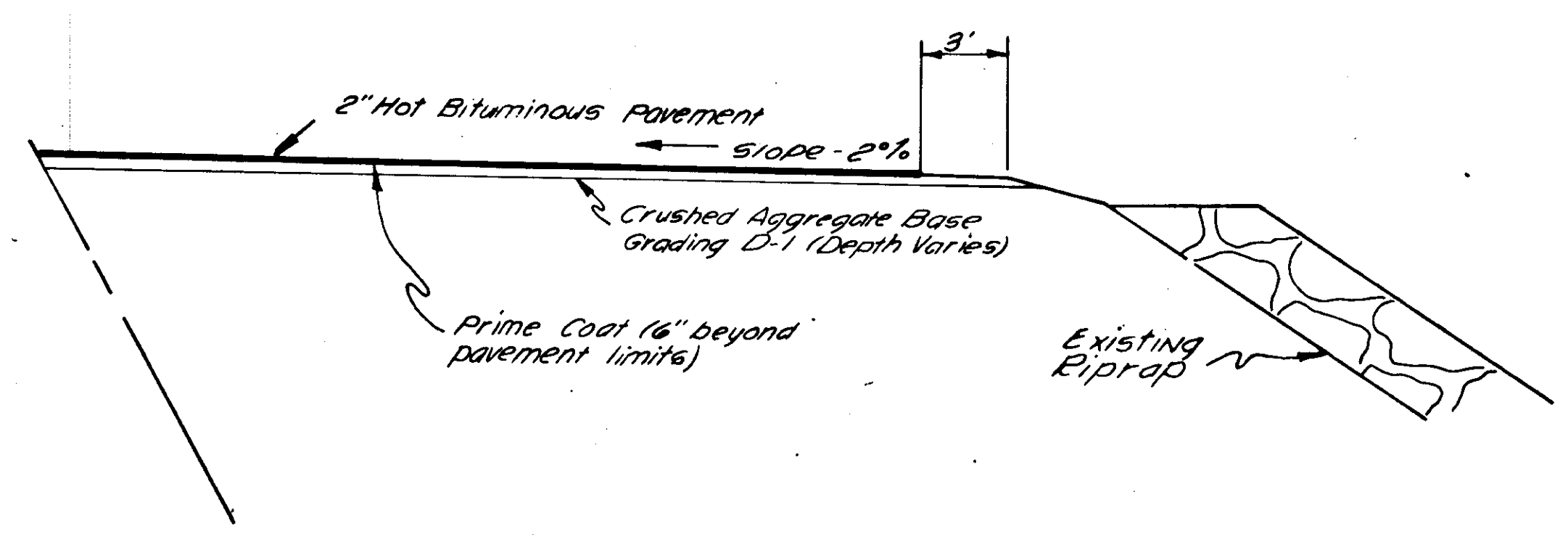
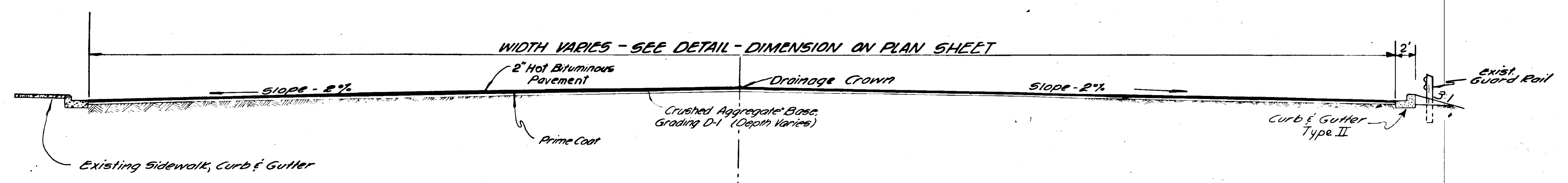


END OF PROJECT
F-095-10(2)
STATION "L" 251+50.00 — Monument Installed

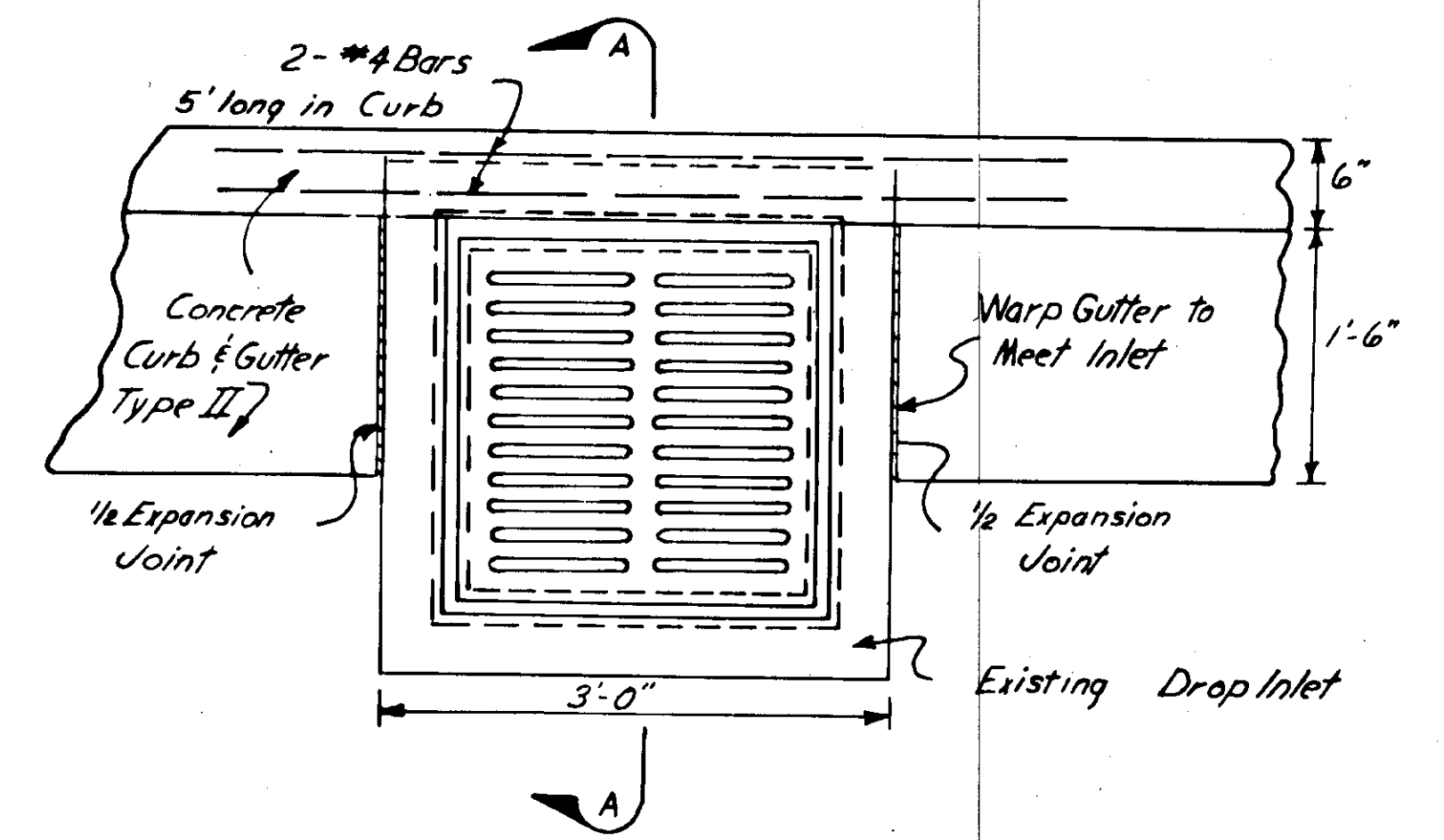


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(2)	1968	14	36

FERRY TERMINAL

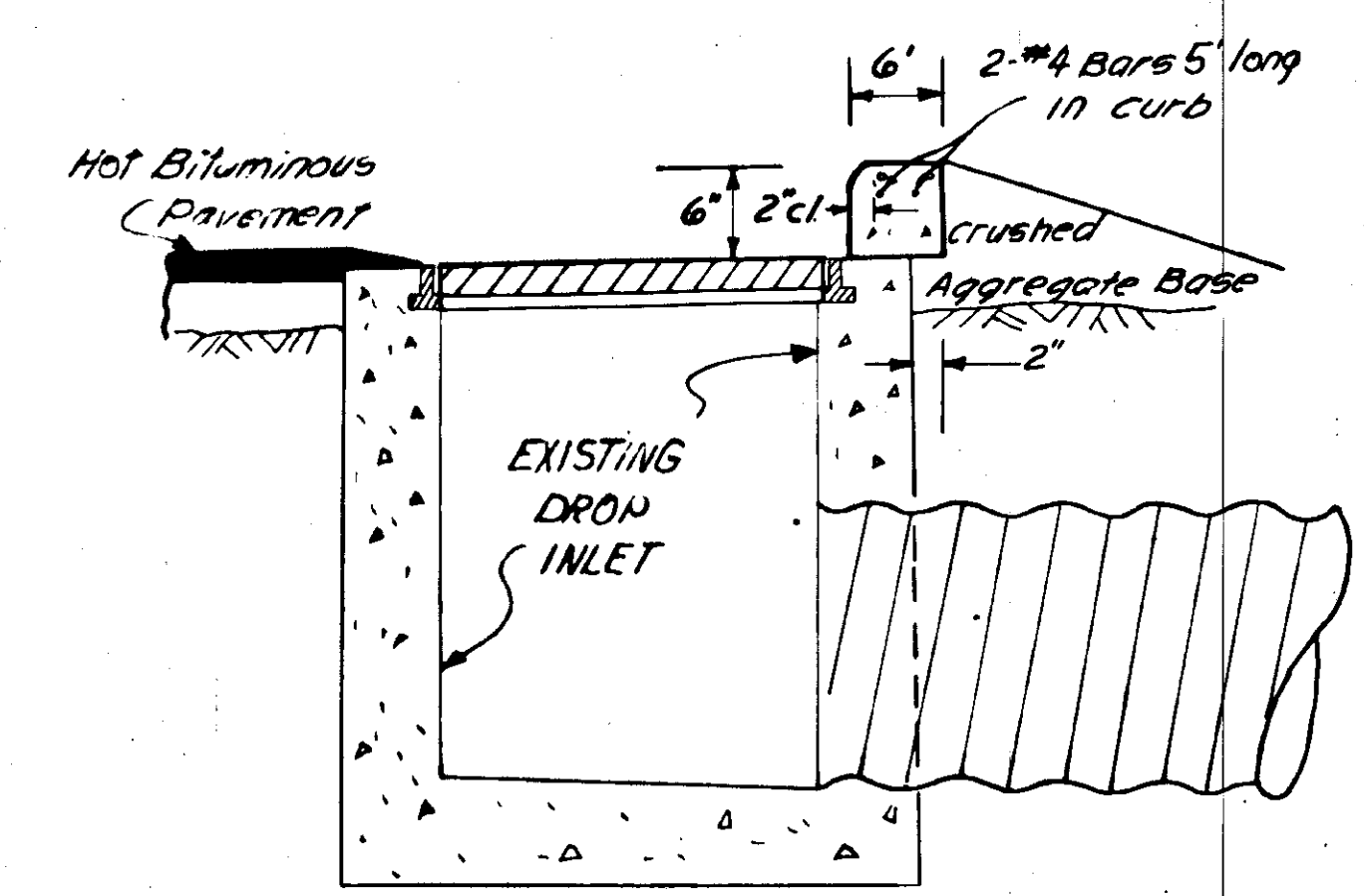


TYPICAL SECTION OF IMPROVEMENTS



CURB AND GUTTER DETAIL AT EXISTING DROP INLET

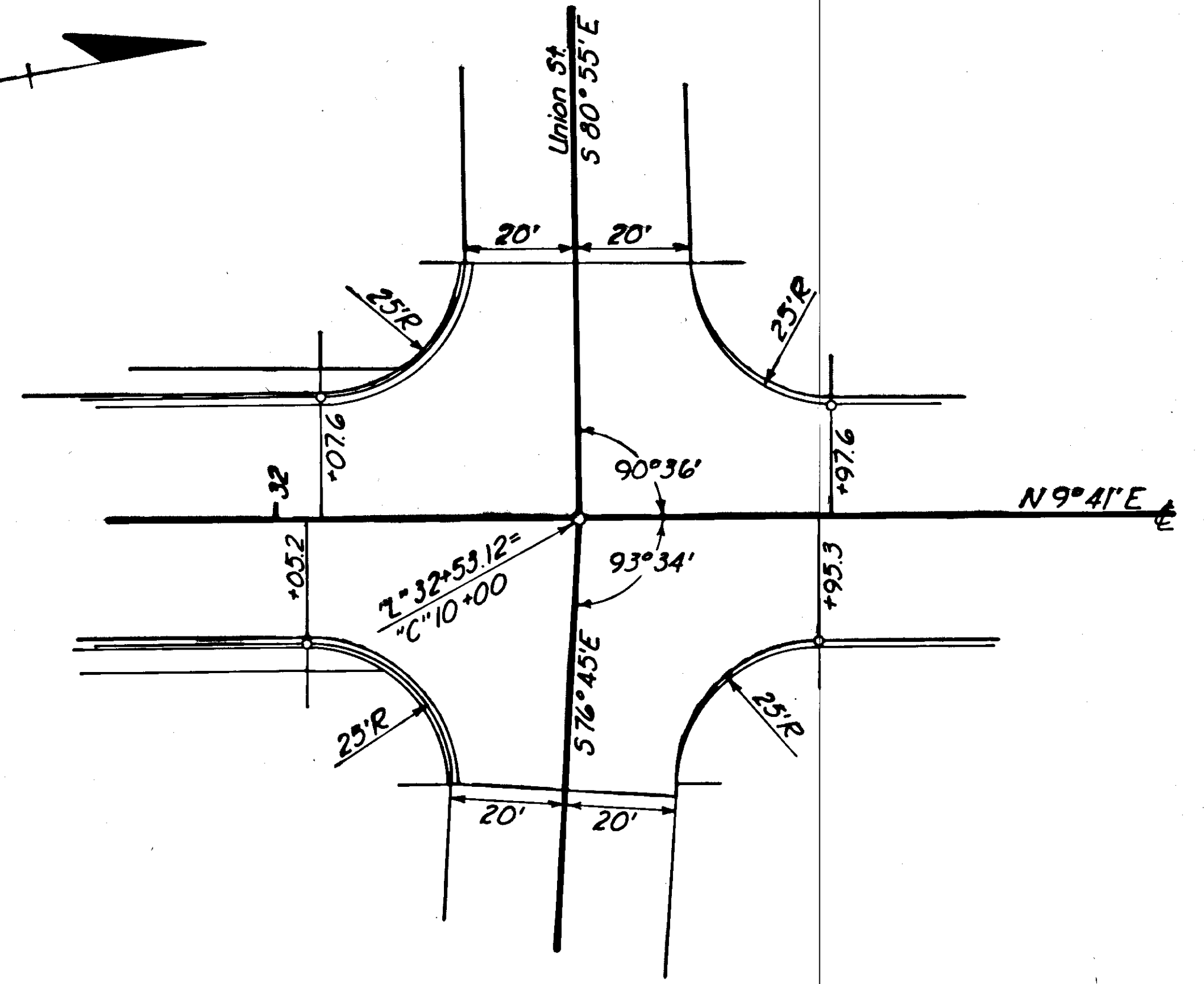
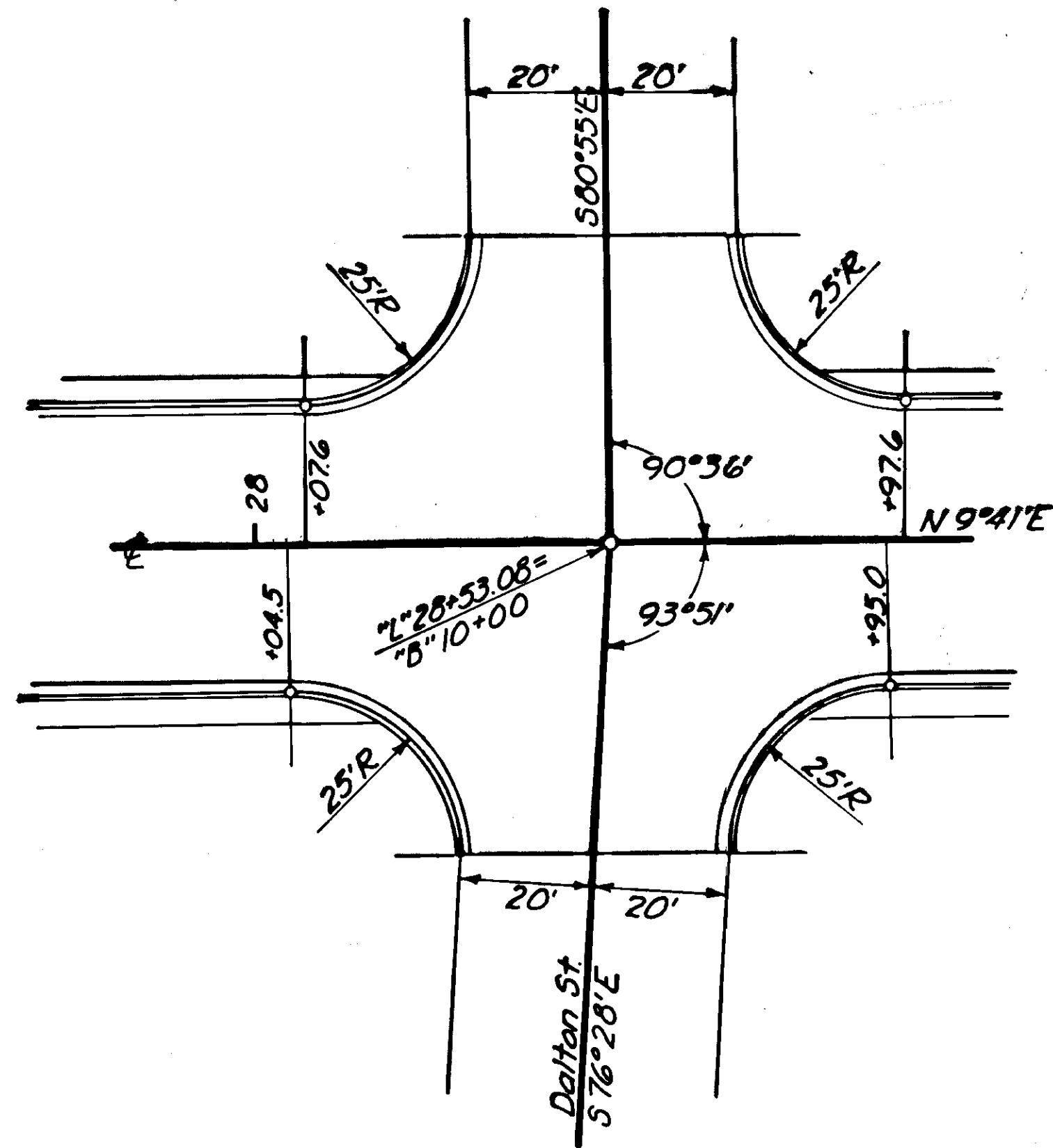
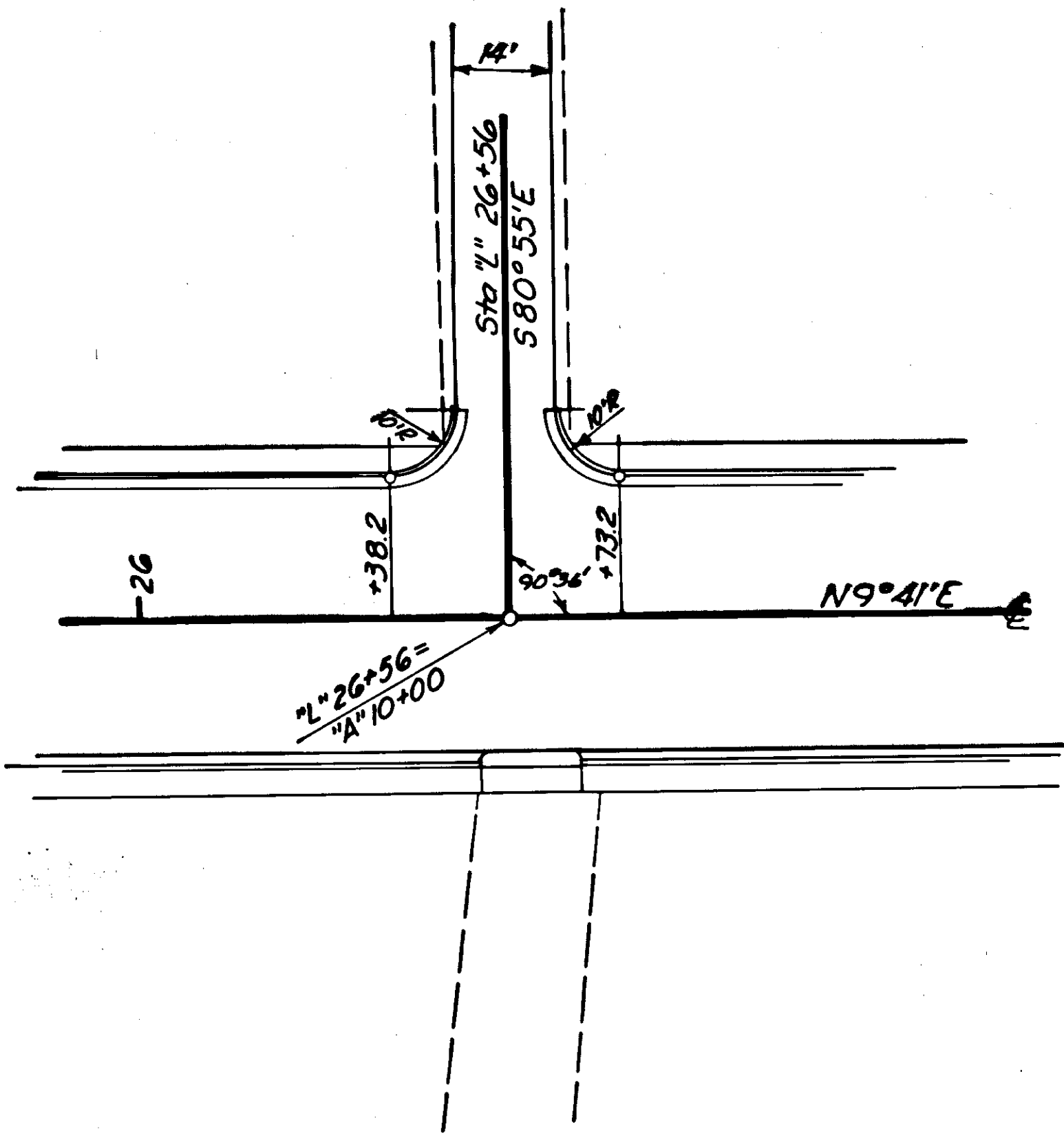
TYPICAL SHOULDER WITHOUT SIDEWALK OR CURB



SECTION A-A

1. All expansion joints shall be sealed with joint filler conforming with AASHTO designation M173-60. Expansion joints in the curb and gutter shall be spaced at 30' intervals and at drop inlets as shown.
2. Reinforcing steel and expansion joint filler shall be considered incidental to Item No. 609(3) and no separate payment will therefore be made.
3. The Contractor shall take adequate precautions to insure that none of the guardrails, inlets, sidewalks and buildings in the Ferry Terminal area are coated or discolored by the application of the prime coat.

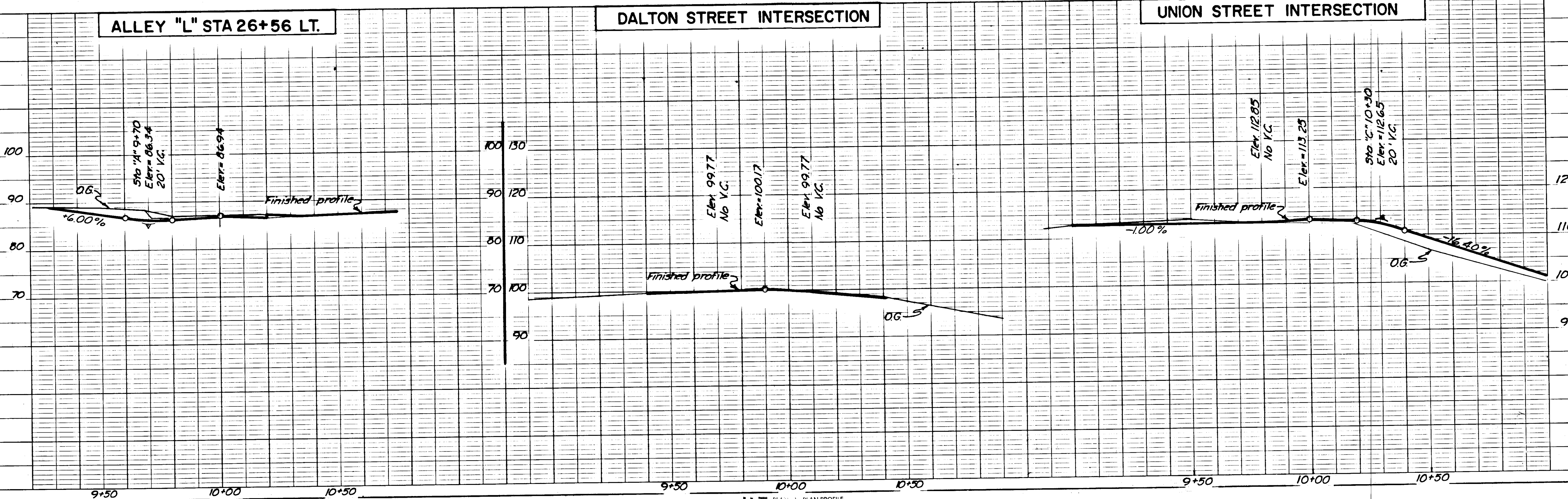
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(2)	1968	15	36

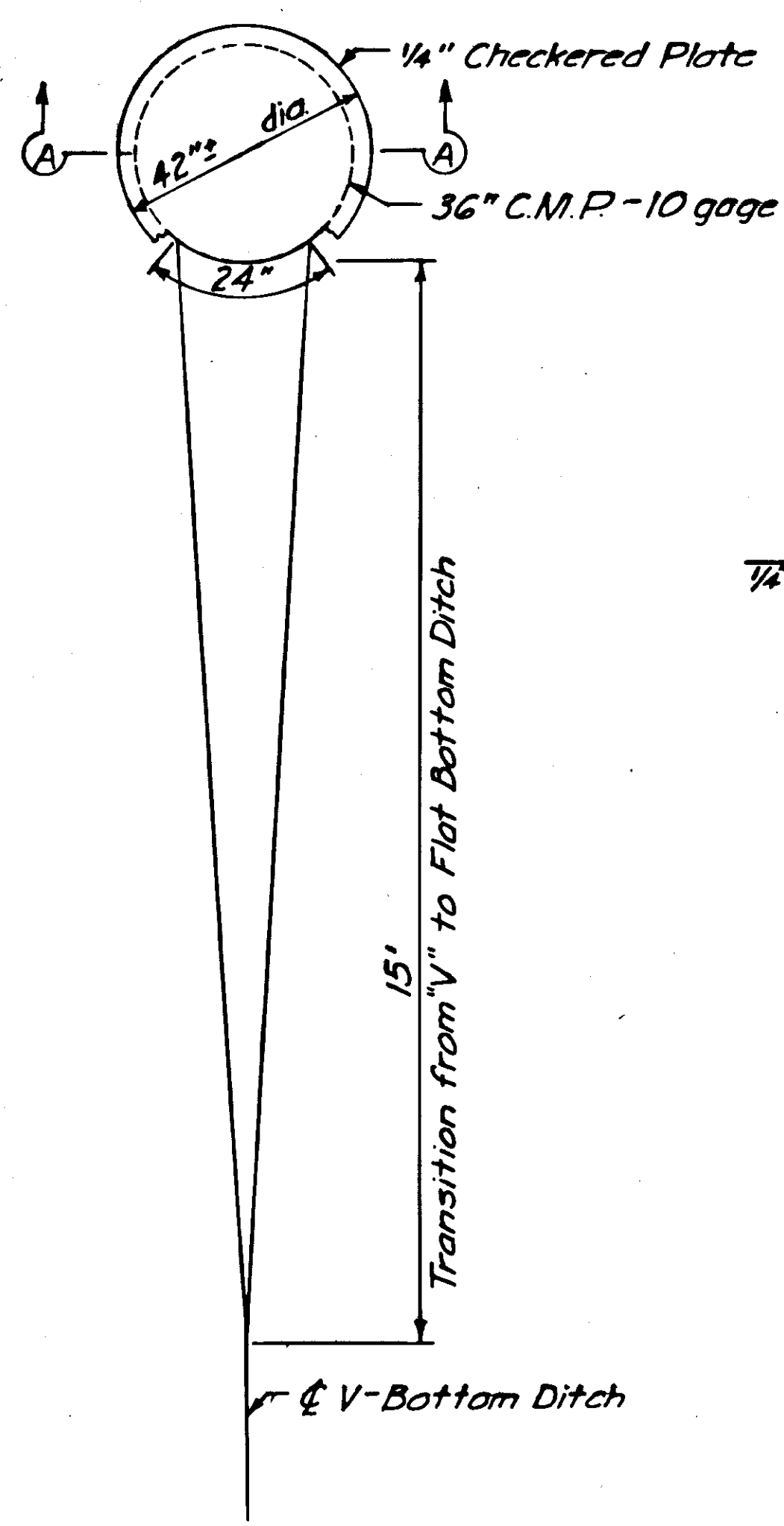


ALLEY "L" STA 26+56 LT.

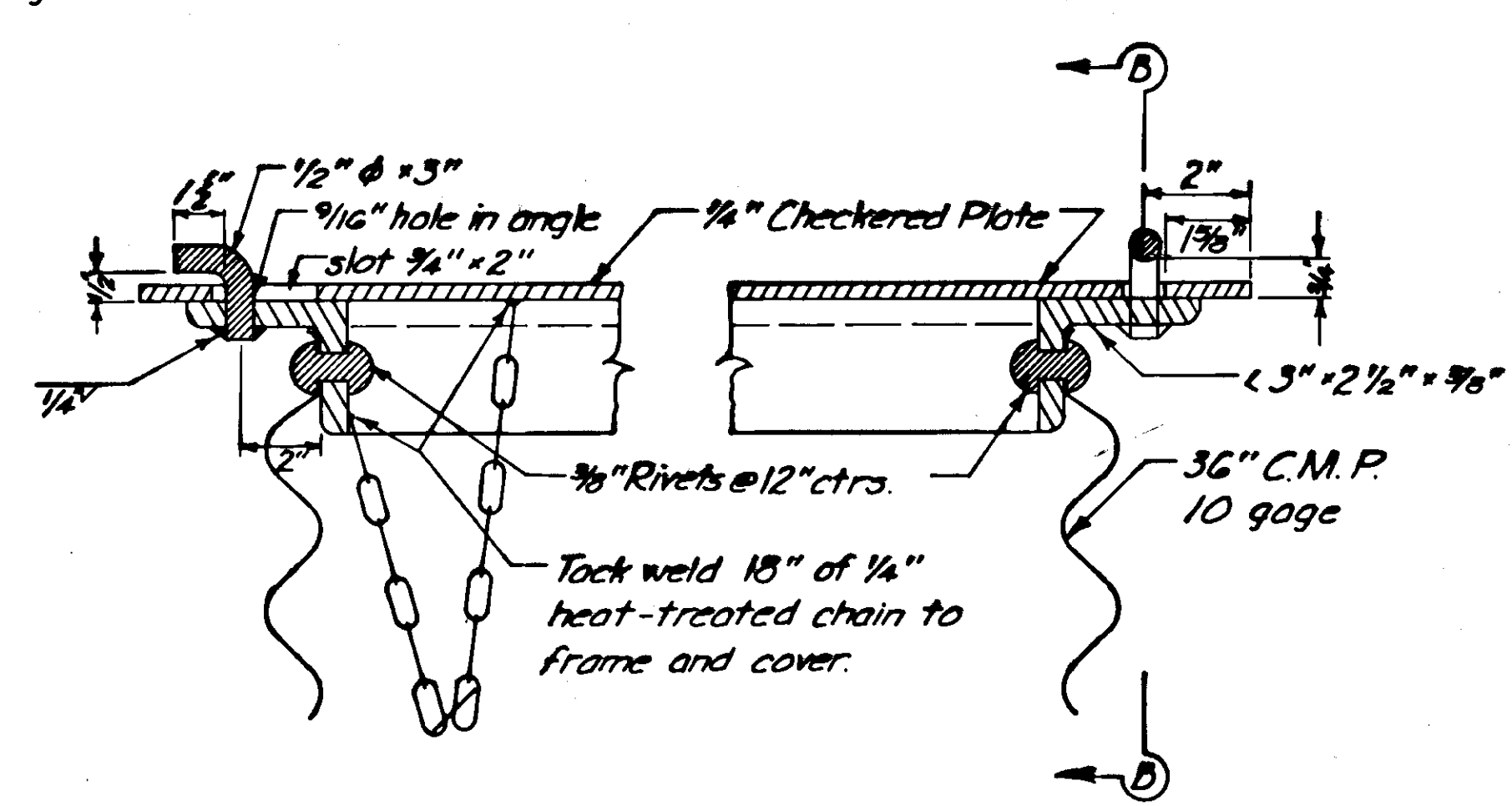
DALTON STREET INTERSECTION

UNION STREET INTERSECTION

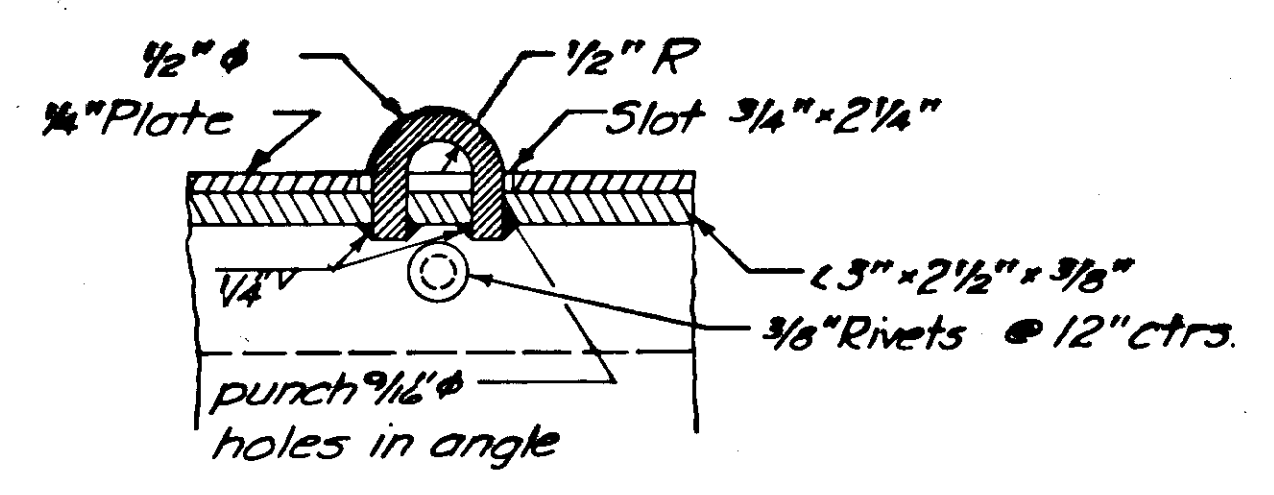




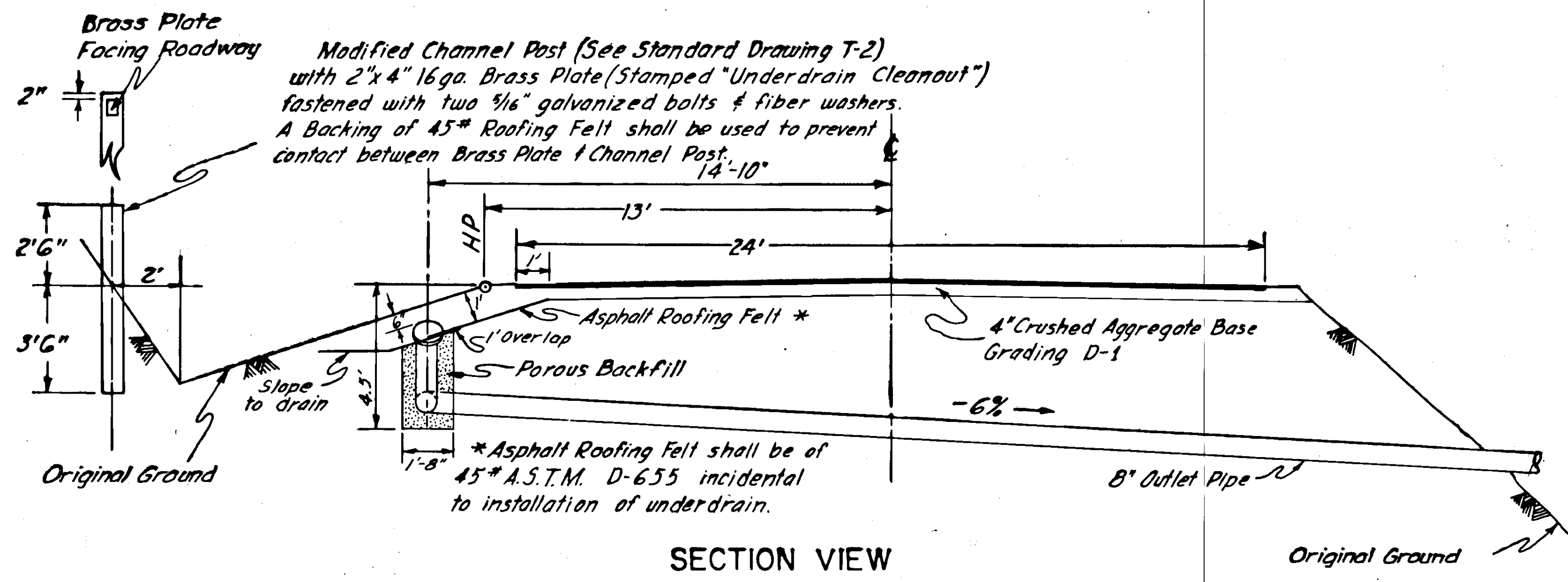
TRANSITION FROM V-BOTTOM DITCH TO FLAT BOTTOM DITCH



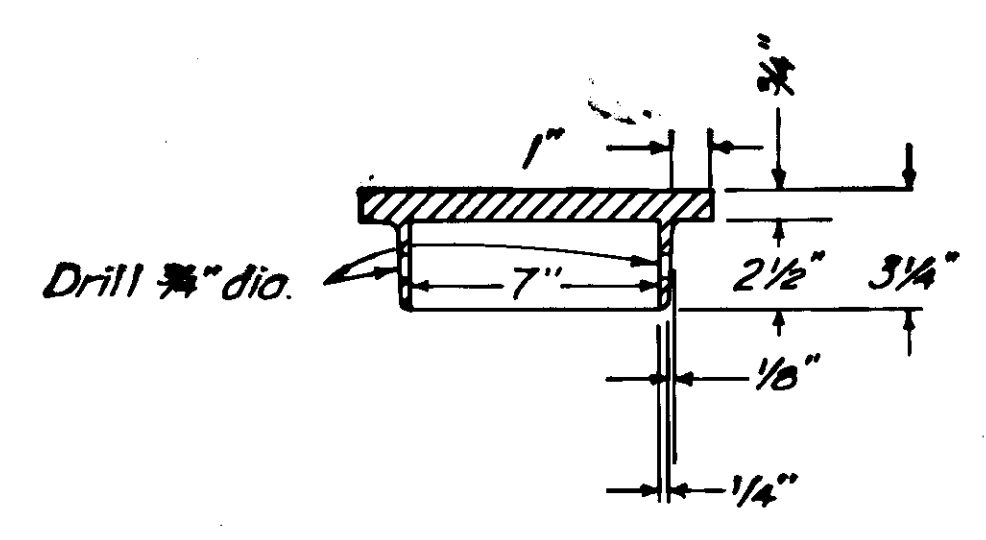
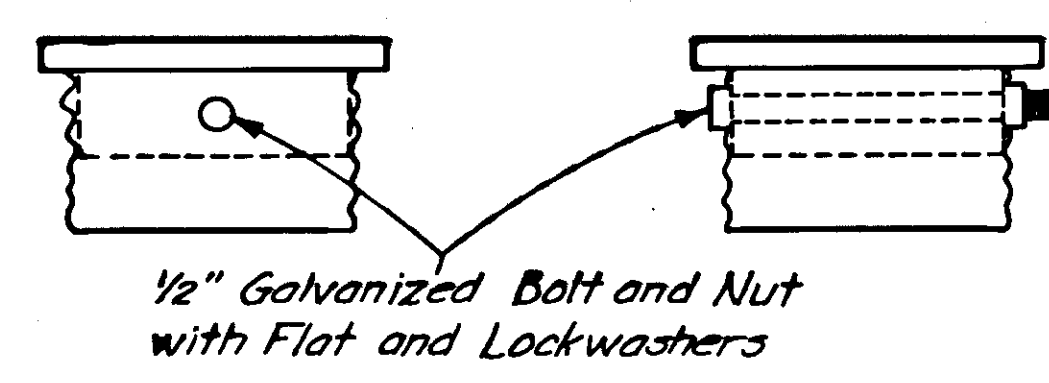
SECTION A-A



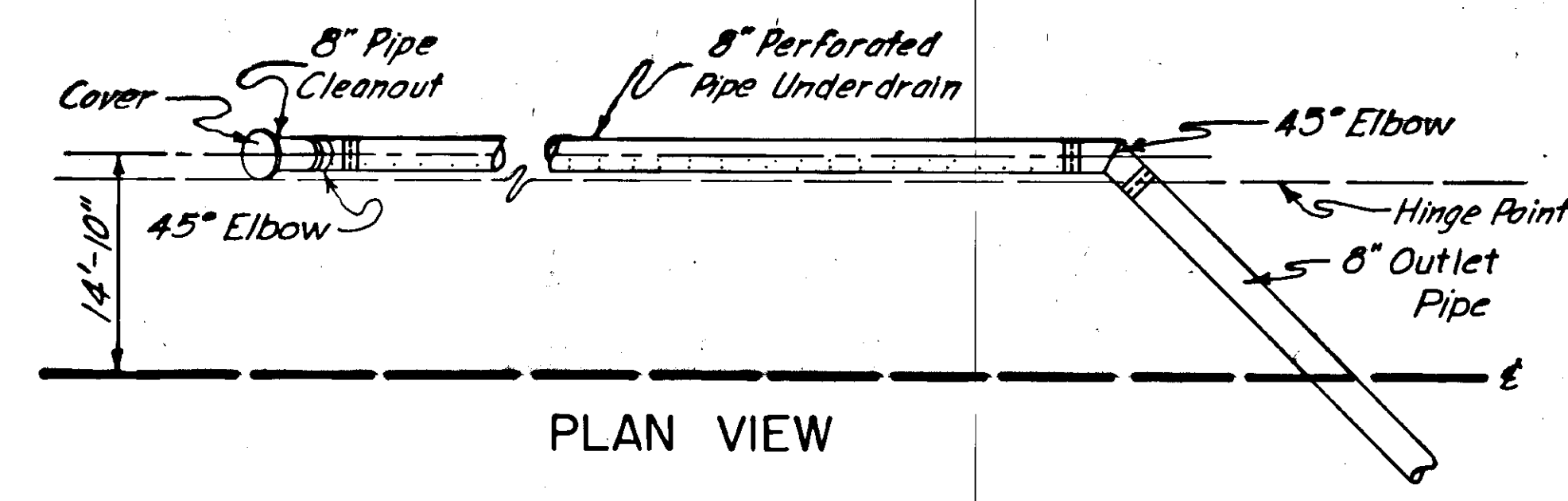
SECTION B-B



SECTION VIEW



CAST STEEL COVER

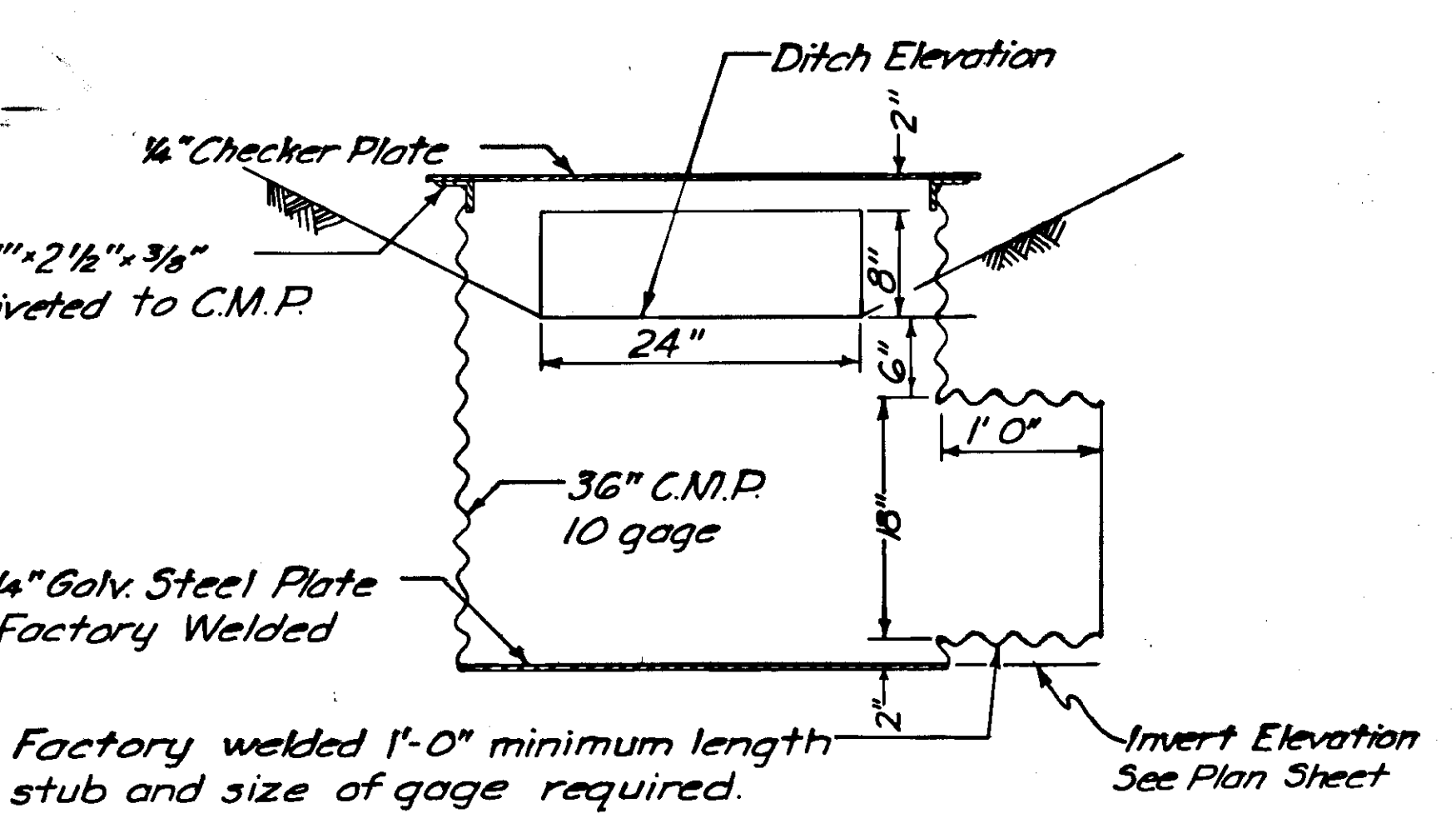


PLAN VIEW

SUBDRAIN DETAILS

Note:
Cleanout cover assemblies shall be incidental to item G05(18). All elbows, wyes and other fittings will be paid for by the linear foot measured along pipe centerline.

TYPICAL C.M.P. DROP INLET DETAILS



CMP DROP INLET LOCATIONS

STATION	OFFSET DIST.	STRUCT. NO.
"L" 34+67	21' LT.	57
"L" 37+00	21' LT.	58

DRAINAGE DETAILS

SUMMARY TABLES

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-095-10(2)	1968	17	36

CULVERT SUMMARY

Station	Culvert Material								Remarks
	206(1)	603(2A)	603(2E)	603(10)	603(11)	605(1)	605(2)	613(2)	
	Structure Excavation	8" Corrugated Metal Pipe	18" Corrugated Metal Pipe	24" Asbestos Bonded Bituminous Coated C.M.P.	36" Asbestos Bonded Bituminous Coated C.M.P.	8" Perforated Pipe Underdrain, Type III	Porous Backfill For Underdrain	Culvert Marker Posts	
	Cu.Yd.	L.F.	L.F.	L.F.	L.F.	L.F.	Cu.Yd.	Eq.	
"L" 24+94 to "L" 26+56	36.0		162						Remove & dispose existing 15"x162" pipe. Payment shall be incidental to installation of new pipe conduit. See section 206 Article 206.01.
L 26+56 to 26+70	3.2		129						
L 26+70 to 26+78.70	10.5		46.2						
L 26+78.70 to 28+95	99.9		214						
L 28+95 to 28+95.60	12.9		40						
L 28+95.60 to 30+65.40	80.4		188.4						
L 30+65.40 to 34+67	12.5		40						Ditch Out
L 34+67 to 37+00	21.2		46						Ditch Out
L 37+00 to 46+00	20.5		52						Ditch Out
L 46+00 to 50+70	91.307	4				772	99.9		
L 50+70 to 50+100	19	44					59		Remove & Dispose 32" C.I. Pipe
L 50+100 to 57+00	24.3	35		54			59		
L 57+00 to 63+59	183	4				300	59		
L 63+59 to 63+85	45.3	22	54						Inlet Invert = 23.0 Outlet Invert = 24.0 Dual pipe with existing C.M.P.
L 63+85 to 86+10	31.8	23		42					Remove & Dispose 30" Existing Pipe
L 86+10 to 86+90	38.1	53		60					
L 86+90 to 88+60	55	54							
L 88+60 to 90+140	44.3	8				245	29		
L 90+140 to 121+49	71.5	65	34			245	29		
L 121+49 to 128+50	18.8	54							Inlet Invert = 28.0 Outlet Invert = 28.0 Dual pipe with existing C.M.P.
L 128+50 to 132+00	51.0	37		50					Inlet Invert = 24.7 Outlet Invert = 21.5 Dual pipes with existing C.M.P.
L 132+00 to 188+50	58.3	44		58					Ditch Out
L 188+50 to 224+78	23.9	27		48					Remove & Dispose existing 24" C.M.P.
L 224+78 to 228+00	49.2	58		62					
L 228+00 to 232+55	57.1	70				328	60		
L 232+55 to 236+43	33.7	44		64					
L 236+43 to 240+80	26.5	48		48					Remove & Dispose Existing 22"x2'x48" Box Culvert
L 240+80 to 38+10	38.4	25		60					
L 38+10 to 38+40 & 39+35			20						Change Order
L 25+12 to 25+50			20						
L 173+50 & 175+80 to 149+00			32	36				1108	French Underdrain
			20						Change Order

Note: Item 603(2a), 8" Pipe Conduit and Item 605(18), 8" Perforated Pipe Underdrain shall be constructed of the same type of material.

SPECIAL DITCH SUMMARY

Station to Station	Lt/Rt	Length	Unclassified Exc. Cu. Yd. Item 203(3)	Gr. No.	Remarks
"L" 33+00 to "L" 34+40	Rt	140'	*		Included in Roadway Excavation
TO			114.0		
"L" 34+10 to "L" 37+90	Lt	358'	*		Included in Roadway Excavation
"L" 40+50 to "L" 42+00	Lt	150'	293.256.9		
"L" 53+00 to "L" 69+50	Lt	550'	1679.1843.3		
"L" 74+50 to "L" 77+50	Lt	300'	654.606.2		
"L" 74+50 to "L" 77+50	Rt	300'	600.461.1		
"L" 83+00 to "L" 88+50	Lt	550'	174.7		
"L" 88+50 to "L" 90+00	Lt	150'	53		
108 + 110	Lt.	200	191.2		
"L" 114+50 to "L" 117+00	Lt	250'	634.611.4		
"L" 170+00 to "L" 172+50	Lt	250'	62.2		
"L" 172+75 to "L" 181+00	Lt	825'	451.4		
"L" 192+00 to "L" 195+00	Lt	300'	289.172.6		
"L" 197+70 to "L" 201+00	Lt	250'	6.7		
"L" 210+00 to "L" 211+00	Lt	100'	5.2		
"L" 211+00 to "L" 217+20	Lt	620'	1668.2		
"L" 219+00 to "L" 221+50	Lt	250'	95.3		
"L" 231+00 to "L" 244+00	Lt	1300'	2446.3		
"L" 244+00 to "L" 251+50	Lt	750'	2530.255.2		Includes 275 cu. yds. for Possible Area of Unstable Subgrade. See General Note *7 on sheet #2.
* Roadway Excavation					
"L" 25+12 to "L" 38+90			32723784		

ADJUST SEWER CLEANOUTS

Station	Location
"L" 27+12	15.0' Lt.

CURB CUTS

Station	Location	Type
"L" 26+61	Rt	I
"L" 27+53	Rt	I
"L" 30+12	Lt	I
"L" 30+31	Rt	I
"L" 30+54	Lt	I
"L" 31+02	Lt	I
"L" 31+47	Rt	II

ADJUST MANHOLES

Station	Location	Adjusted Elevation
"L" 26+57	20.0' Lt.	86.60
"L" 34+58	12.0' Lt.	116.95
"L" 38+98	18.0' Lt.	128.89

No Adjustment Needed

GUARDRAIL TABLE

Station	Length Lin. Ft.	Side
"L" 77+18		
"L" 88+38.80	1187.5	Right
"L" 89+78		
"L" 121+00	3125.0	Right
"L" 139+32.25		
"L" 145+38.25	612.5	Right
"L" 196+49		
"L" 197+95.24	150.0	Right
"L" 204+50.00		
"L" 207+25.25	275.0	Right
"L" 218+45.00		
"L" 220+80.25	237.5	Right

SURVEY MONUMENTS

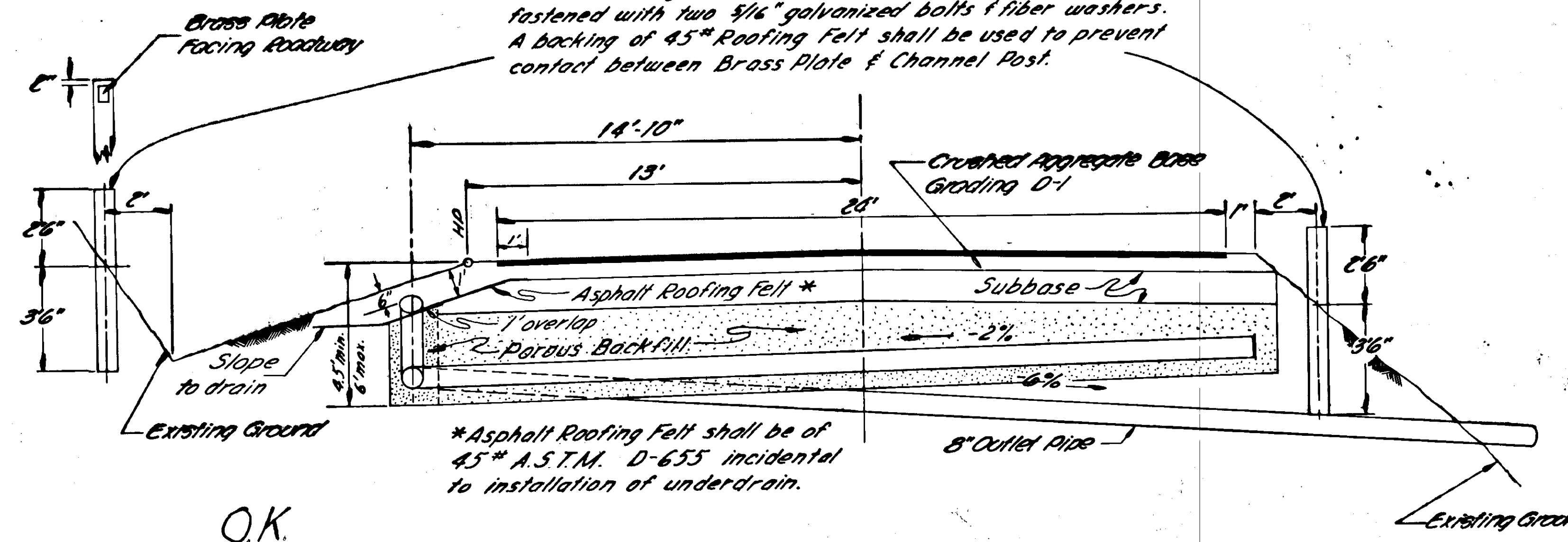
Station	Location
"L" 28+53.08	℄
"L" 32+53.12	℄

ADJUST WATER VALVE BOX

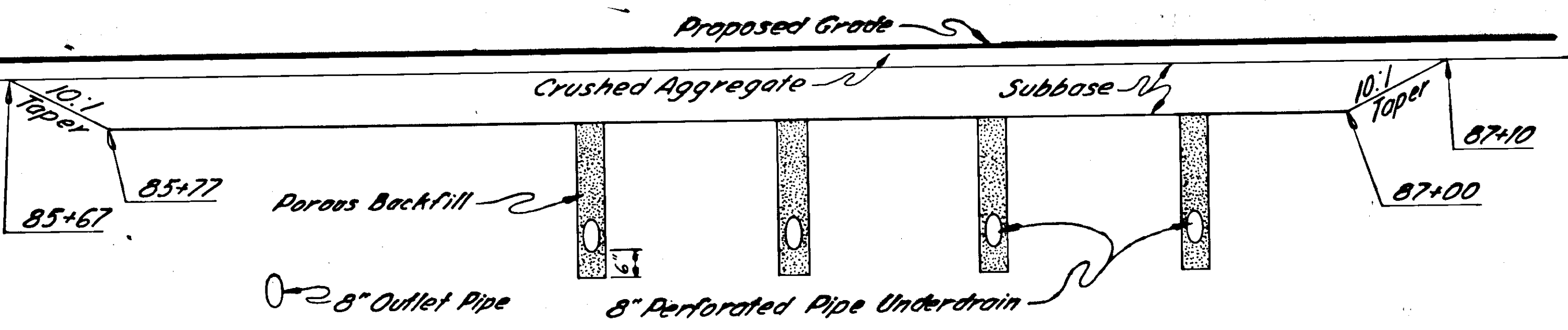
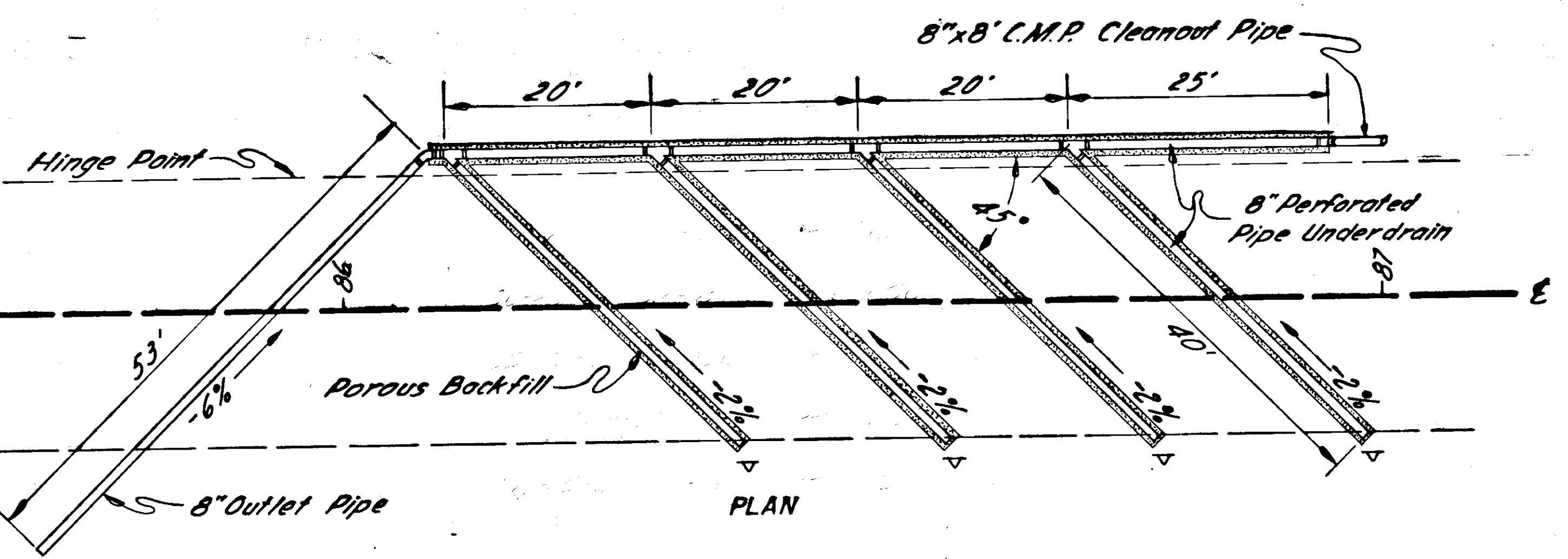
Station	Location
"L" 28+63	22.0' Rt.
"L" 28+63	6.5' Rt.
"L" 28+63	8.5' Rt.
"L" 32+53.8	9.0' Rt.
"L" 32+63	9.0' Rt.
"L" 32+63	11.0' Rt.
"L" 36+73	7.0' Rt.
"L" 36+75	6.0' Rt.
"L" 36+75	9.0' Rt.

UNDERDRAIN DETAILS

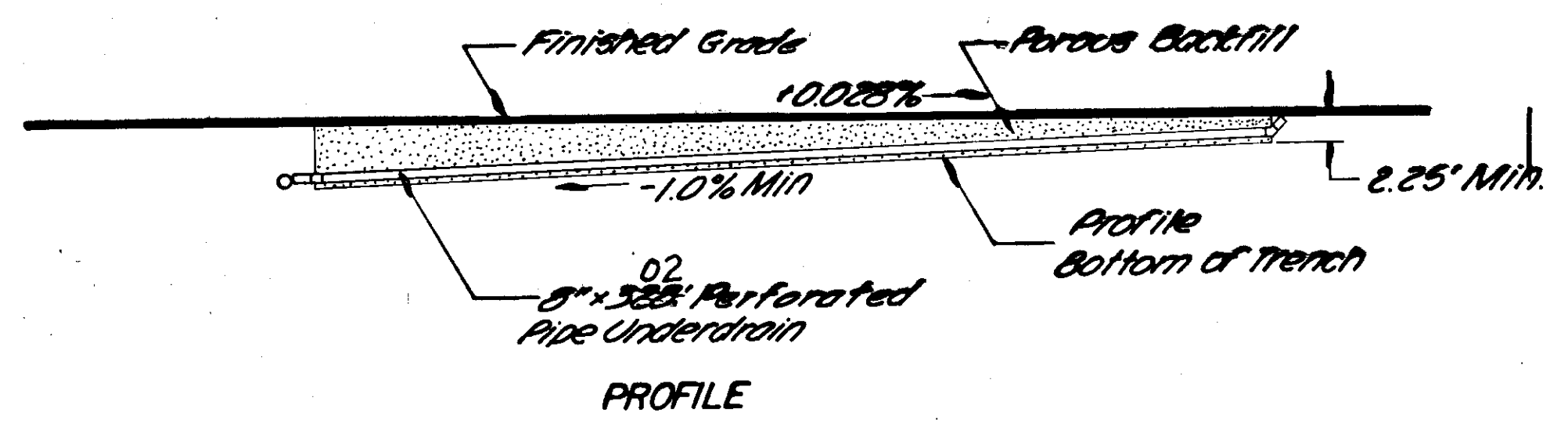
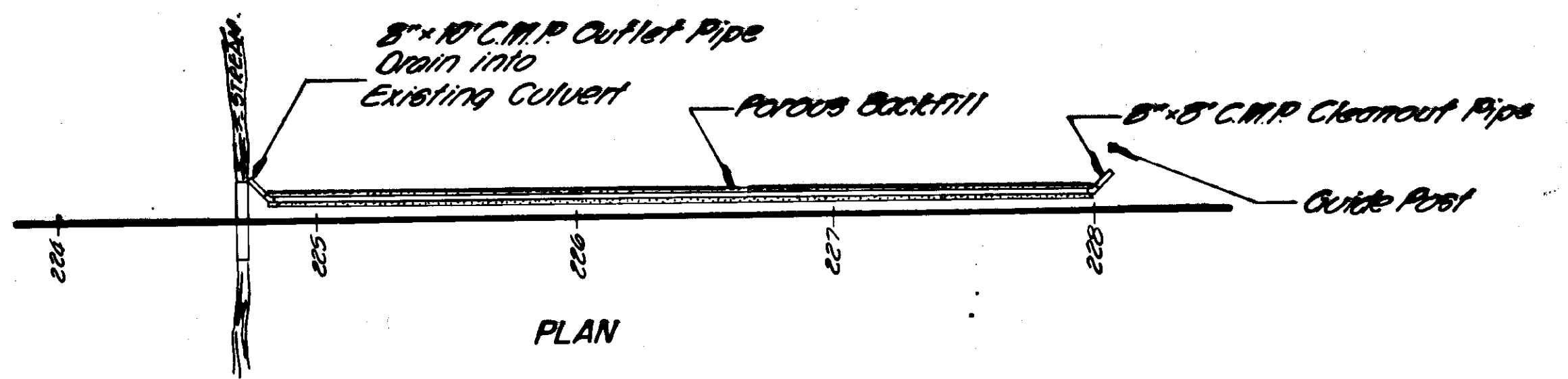
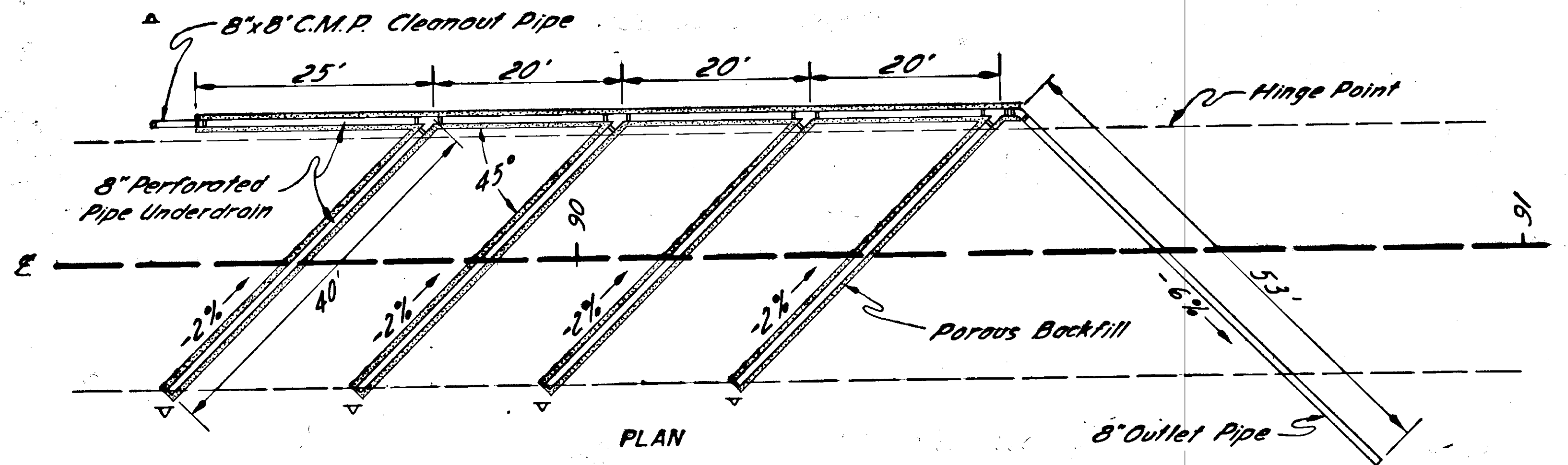
Modified Channel Post (See Standard Drawing T-2) with 2"x4" 16ga. Brass Plate (stamped "Underdrain Cleanout") fastened with two 3/16" galvanized bolts & fiber washers. A backing of 45# Roofing Felt shall be used to prevent contact between Brass Plate & Channel Post.



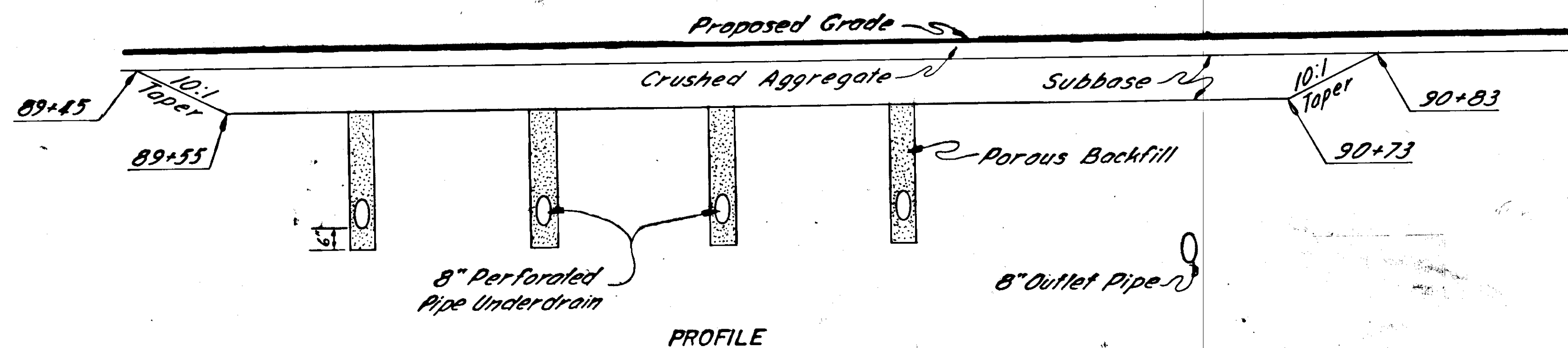
O.K.
Placed as Designed at Plan Locations Except for Special Underdrain at "L" 224+78.



HERRINGBONE DETAIL
Sta. "L" 86+10 To "L" 86+95



SPECIAL UNDERDRAIN DETAIL
Sta. "L" 224+78 to "L" 228+00



LEGEND SPACING

6" INCH, SERIES E--CAPITALS; 6" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	C	O	N	O	D	O	B	O	R	D	E	R										
Letter Width	4.78	3.87	3.84	3.87	3.81	3.87	4.78	3.93	2.94	3.81	3.84	2.94										
Space Width	1.00	1.44	1.14	1.14	1.14	1.14	1.00	1.14	0.50	1.14	1.17											
Cumulative Width	4.78	5.78	9.65	11.09	14.93	16.07	19.94	21.08	24.89	26.03	29.90	4.78	5.88	9.77	10.91	13.85	14.81	18.22	19.36	23.20	24.37	27.31

6" INCH, SERIES E--CAPITALS; 6" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	H	O	I	N	E	S	F	E	R	R	V									
Letter Width	4.78	3.81	1.20	3.84	3.84	3.75	4.41	3.84	2.94	2.94	4.86									
Space Width	2.75	3.07	3.07	2.44	1.89	1.00	2.50	1.88	1.00											
Cumulative Width	4.78	7.53	11.34	14.41	15.81	18.68	22.52	26.96	28.80	30.49	34.24	4.41	5.41	9.25	11.75	14.69	16.57	19.51	20.51	25.37

6" INCH, SERIES E--CAPITALS; 6" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	T	E	R	M	I	N	O	I													
Letter Width	4.41	3.84	2.94	6.36	1.20	3.84	3.87	1.20													
Space Width	1.50	2.50	1.88	3.07	3.07	2.44	3.07														
Cumulative Width	4.41	5.91	9.75	12.25	15.19	17.07	23.43	26.50	27.70	30.77	34.81	37.05	40.92	43.99	45.19						

5" INCH, SERIES C--CAPITALS; 5" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	H	A	I	N	E	S															
Letter Width	2.73	3.12	0.70	2.73	2.50	2.73															
Space Width	0.84	0.84	1.05	1.05	0.85																
Cumulative Width	2.73	3.57	6.69	7.53	8.23	9.28	12.01	13.06	15.56	16.40	19.13										

3" INCH, SERIES C--CAPITALS; 3" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

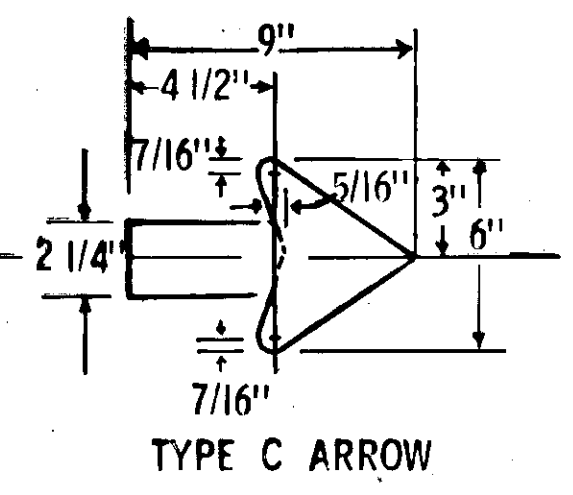
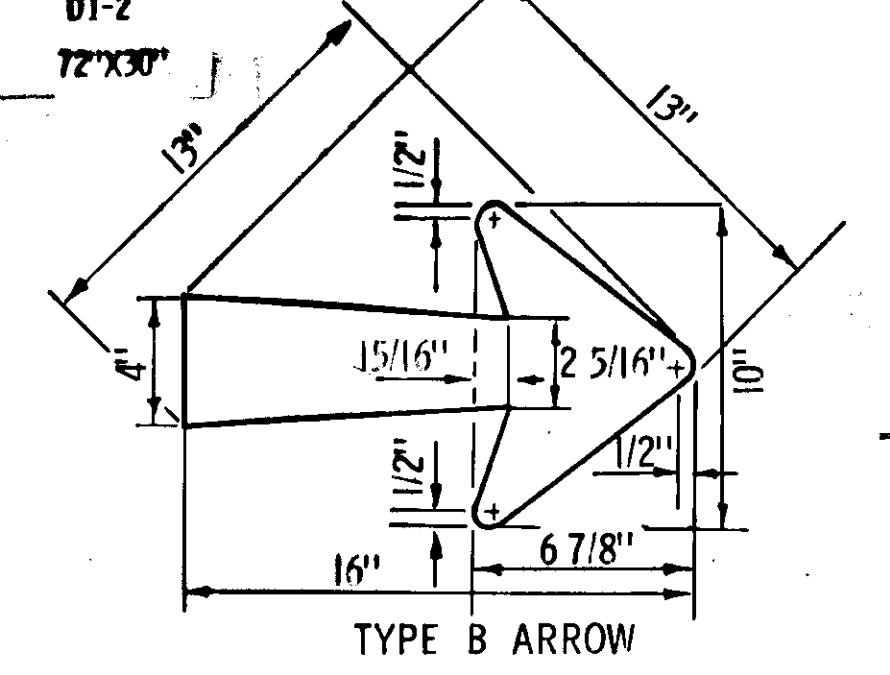
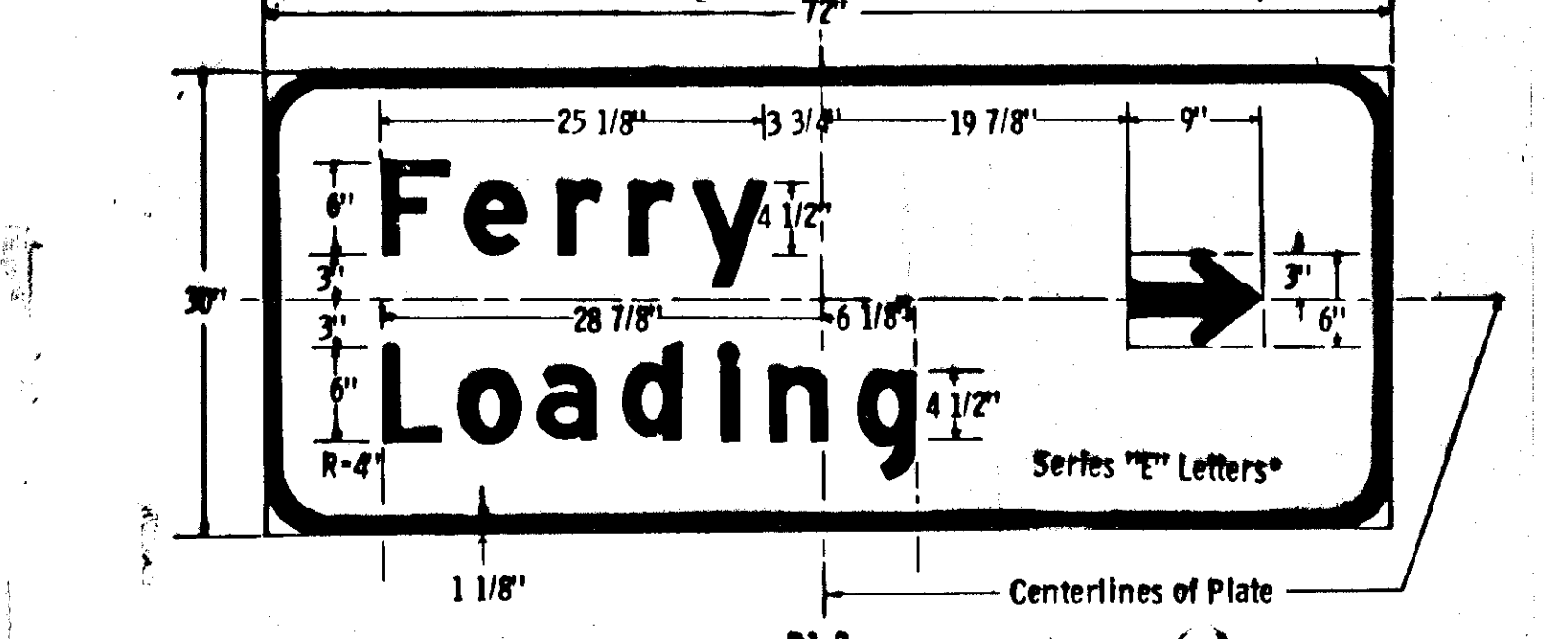
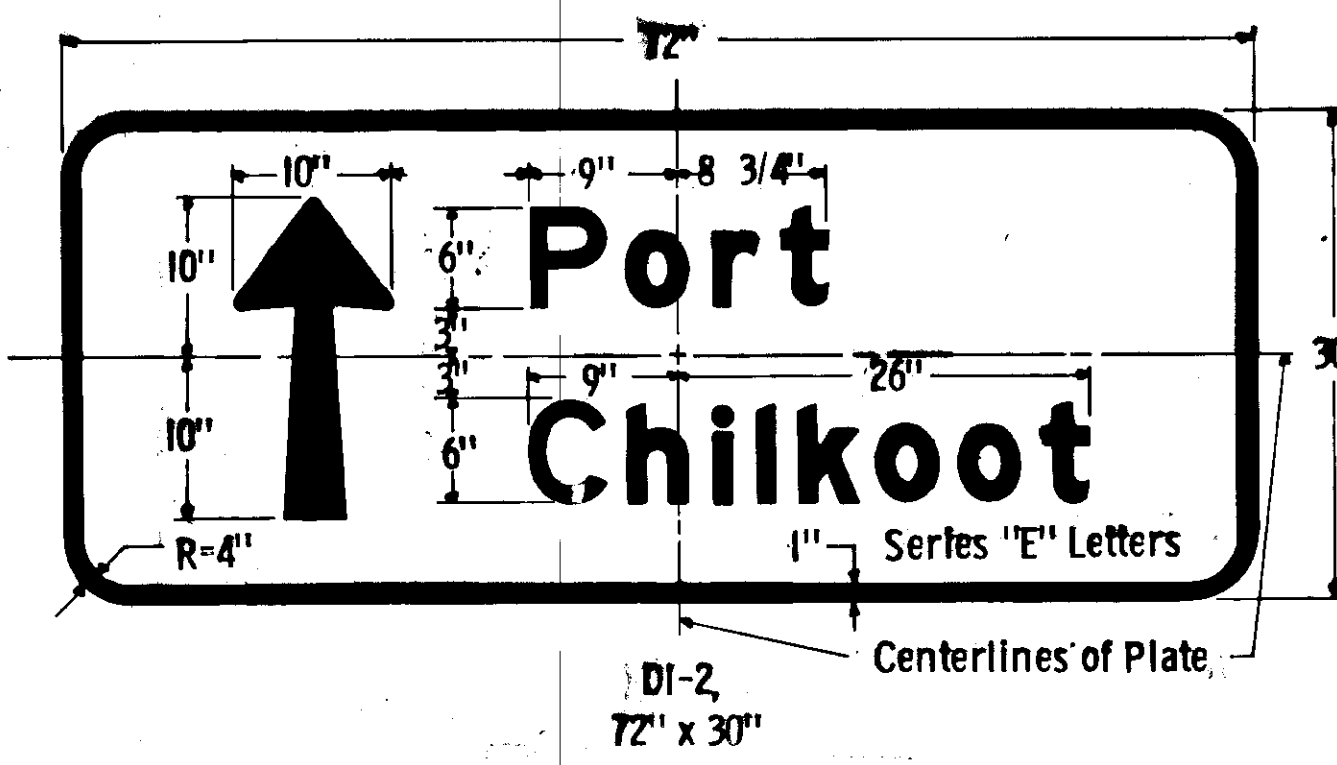
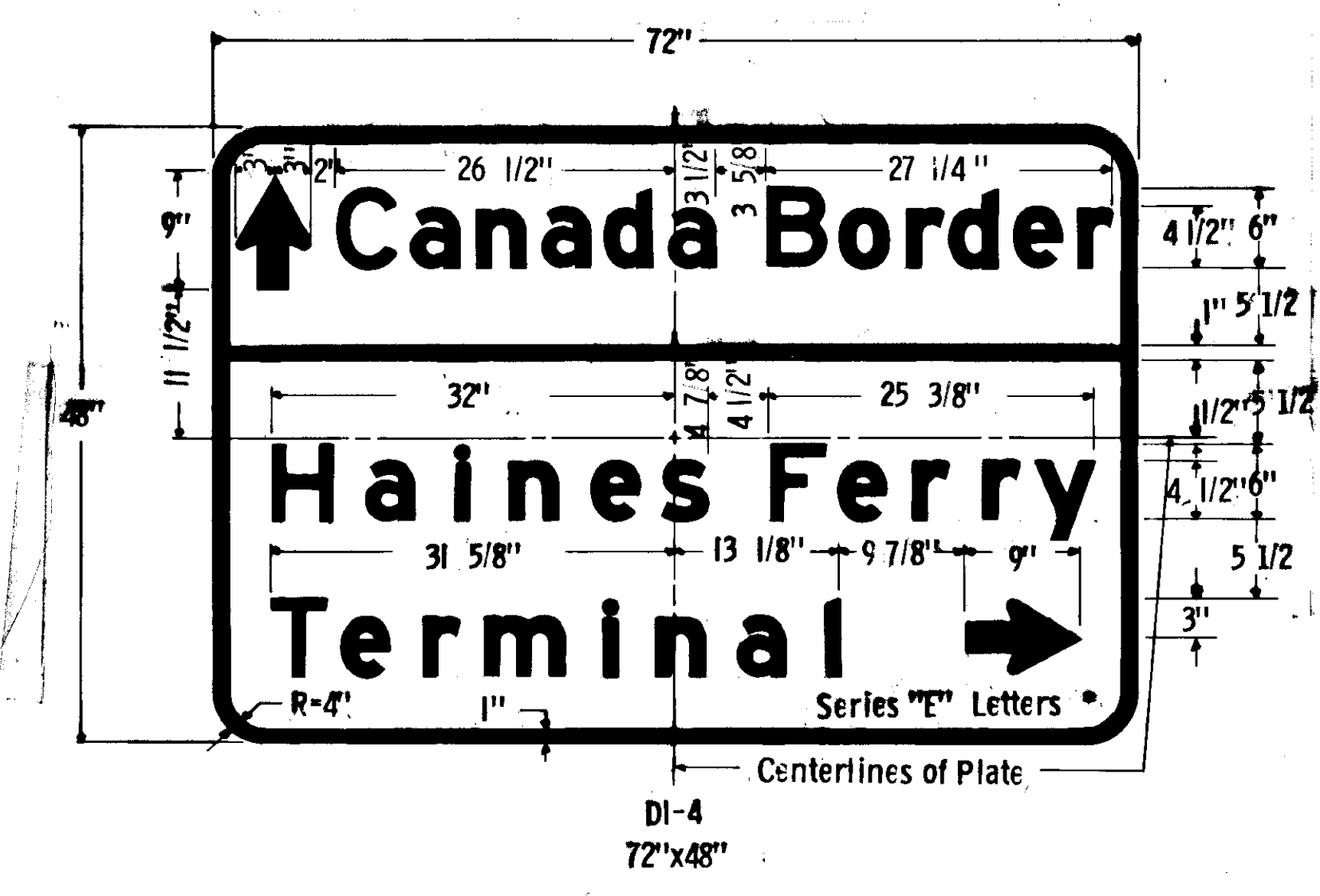
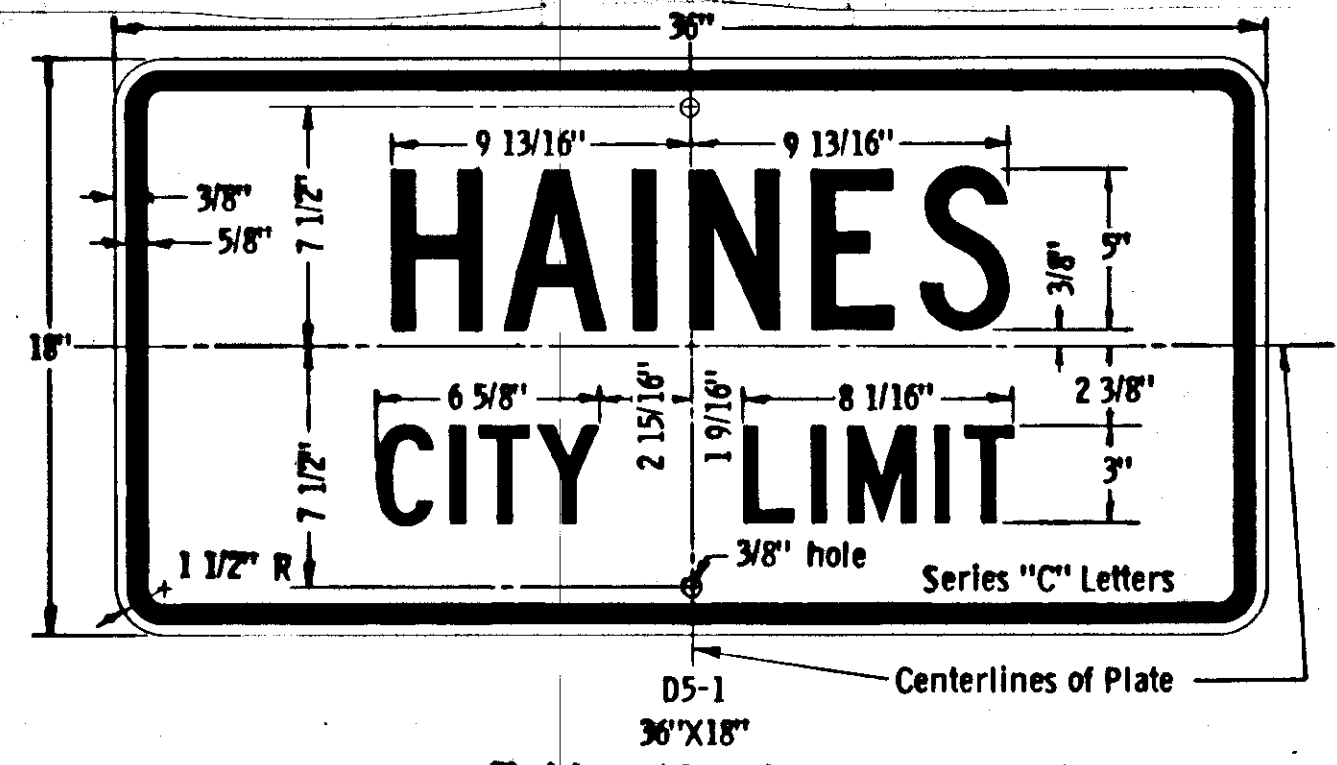
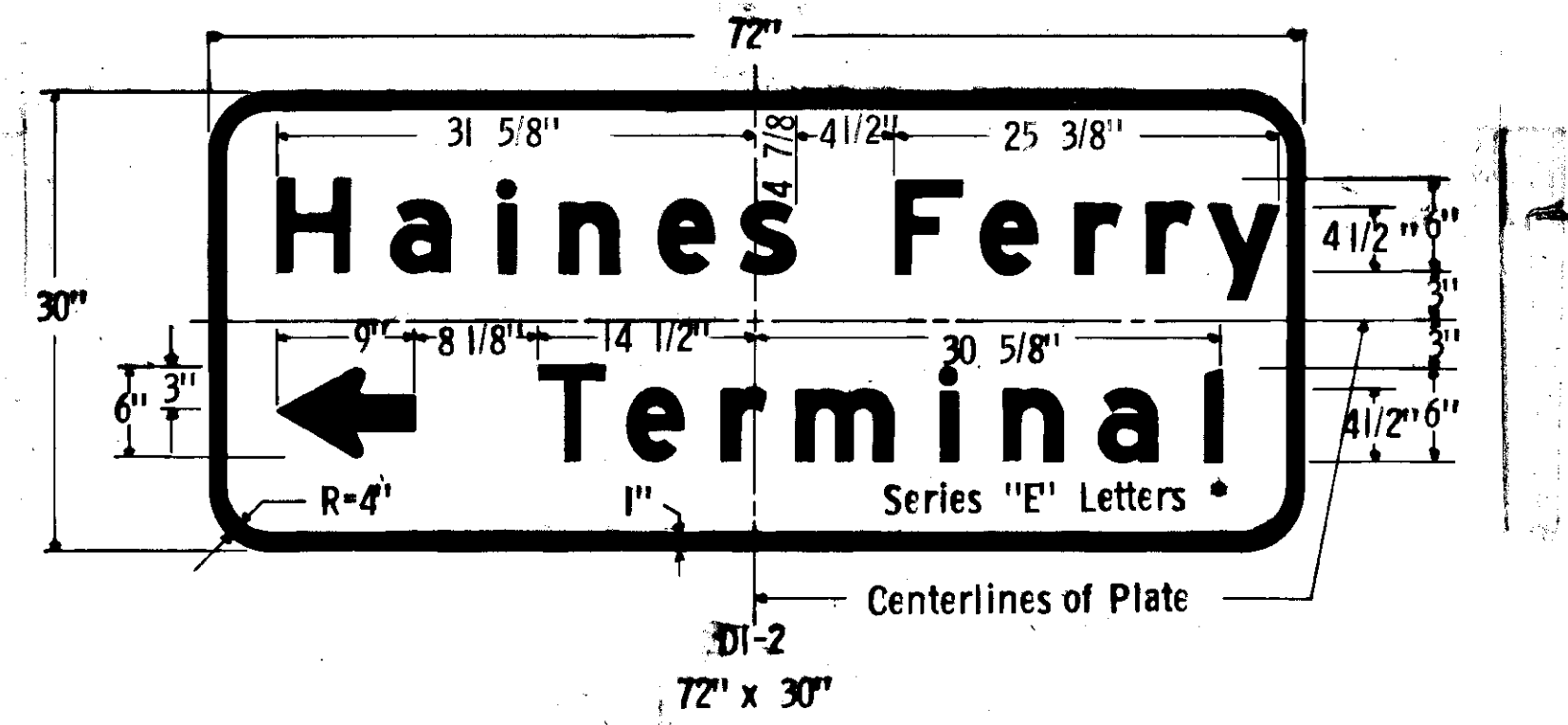
Letter	C	I	T	V	L	I	M	I	T									
Letter Width	1.65	0.42	1.50	1.83	1.50	0.42	1.95	0.42	1.50									
Space Width	0.50	0.50	0.18		0.50	0.83	0.63	0.50										
Cumulative Width	1.65	2.15	2.57	3.07	4.57	4.75	6.63			1.50	2.00	2.42	3.05	5.00	5.63	6.05	6.55	8.05

6" INCH, SERIES E--CAPITALS; 6" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	P	O	R	T	C	H	I	I	K	O	O	T											
Letter Width	4.78	3.93	2.94	3.03	4.78	3.81	1.20	1.20	3.78	3.93	3.93	3.03											
Space Width	1.24	1.55	1.24		1.24	1.55	1.55	1.24	1.24	1.24	1.24												
Cumulative Width	4.78	6.02	9.95	11.50	14.44	15.68	18.71		4.78	6.02	9.83	11.38	12.58	14.13	15.33	16.57	20.35	21.54	25.52	26.76	30.69	31.93	34.96

6" INCH, SERIES E--CAPITALS; 6" INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	F	E	R	R	V	L	O	O	D	I	N	G											
Letter Width	4.41	3.84	2.94	2.94	4.86	4.41	3.93	3.87	3.81	1.20	3.84	3.84											
Space Width	1.00	2.50	1.88	1.00		1.63	1.75	2.44	3.07	3.07	2.44												
Cumulative Width	4.41	5.41	9.25	11.75	14.69	16.57	19.51	20.51	25.37		4.41	6.04	9.97	11.72	15.59	18.08	21.84	25.91	26.11	29.18	33.02	35.46	39.30



NOTES:
 All D1-2 and D1-3 signs will have reflectorized white arrows and legends and borders on reflectorized green background.
 • Modified stroke width to 1/5 letter height.
 (9" Type C Arrow for all 6" letters.)

SPECIAL STANDARD SIGN DETAILS

LEGEND SPACING

6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	C	a	n	o	d	o	p	o	r	t								
Letter Width	4.78	3.87	3.84	3.87	3.81	3.87	4.78	3.93	2.94	3.03								
Space Width		0.68	0.98	0.18	0.78	0.78		0.62	0.78	0.32								
Cumulative Width	4.78	5.46	9.33	10.31	14.15	14.93	18.80	19.58	23.39	26.17	28.04	4.78	5.40	9.33	10.11	13.05	13.37	16.40

6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	B	o	r	d	e	r	r	d	.								
Letter Width	4.78	3.93	2.94	3.81	3.84	2.94	4.78	3.81	1.20								
Space Width		2.25	2.44	1.12	2.4	2.50		1.95	1.13								
Cumulative Width	4.78	5.50	9.43	10.21	13.15	15.55	17.54	18.12	21.40	22.74	25.72		4.78	6.73	10.54	11.67	12.87

6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	C	n	i	l	e	o	o	t	s	t	.								
Letter Width	4.78	3.81	1.20	1.20	3.76	3.93	3.93	3.03	4.78	3.03	1.20								
Space Width		0.84	0.98	0.98	0.98	0.50	0.50	0.50		0.95	0.67								
Cumulative Width	4.78	5.62	9.43	10.41	11.61	15.37	15.74	16.77	18.53	19.11	23.04	23.60	21.63		4.78	5.78	8.76	9.43	10.63

6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	H	o	i	n	2	6				
Letter Width	4.78	3.81	1.20	3.84	2.9	3.75				
Space Width		2.11	2.35	2.35	1.97	1.2				
Cumulative Width	4.78	6.89	10.70	13.11	14.31	16.26	22.5	23.7	22.50	31.25

6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	F	e	r	r	o	r	o	n	t									
Letter Width	4.41	3.84	2.94	2.94	4.56	4.41	2.94	3.93	3.84	3.03								
Space Width		1.00	2.50	1.68	1.00	0.57	0.34	0.09	0.64									
Cumulative Width	4.41	5.41	9.25	11.73	14.84	16.51	12.51	20.5	23.51	24.1	4.98	7.92	8.26	12.19	12.88	16.72	17.36	20.39

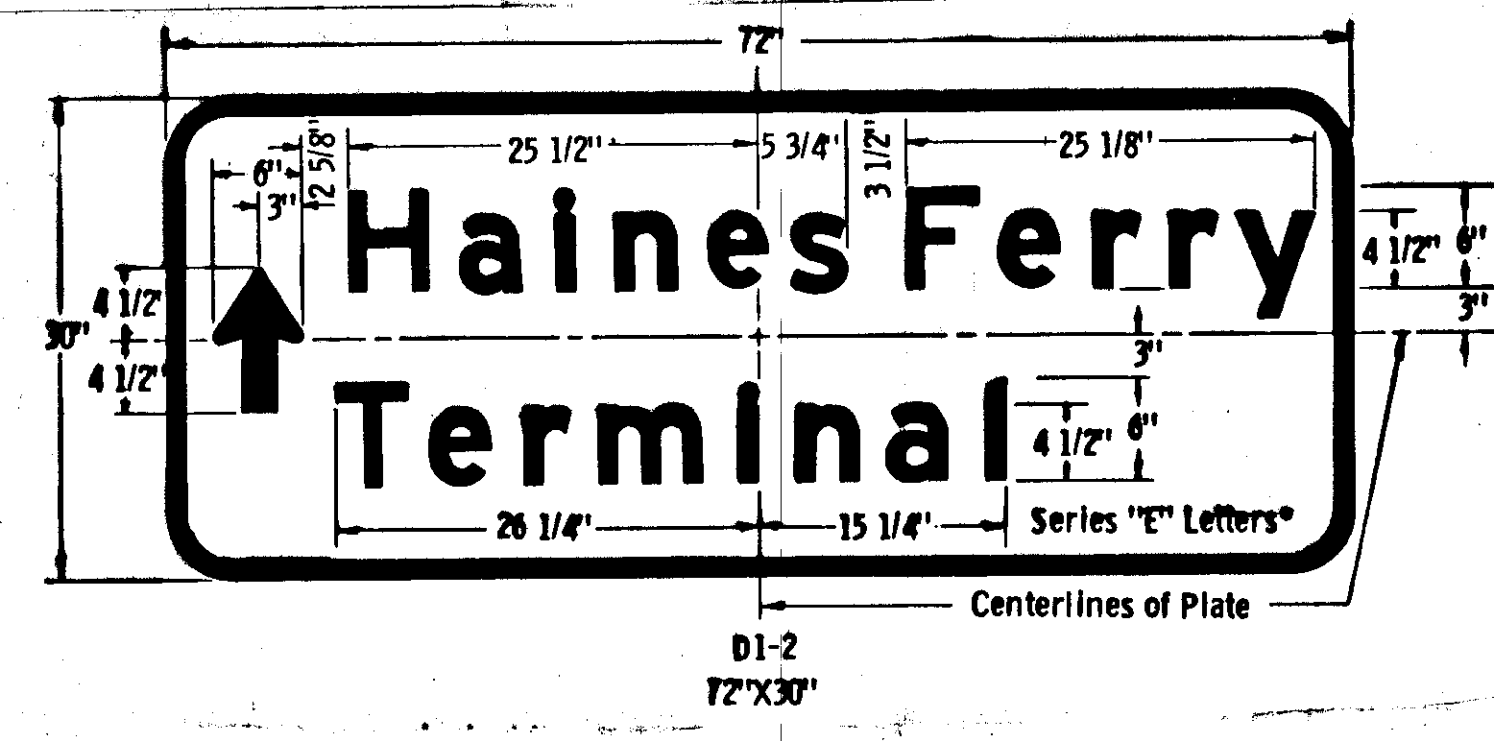
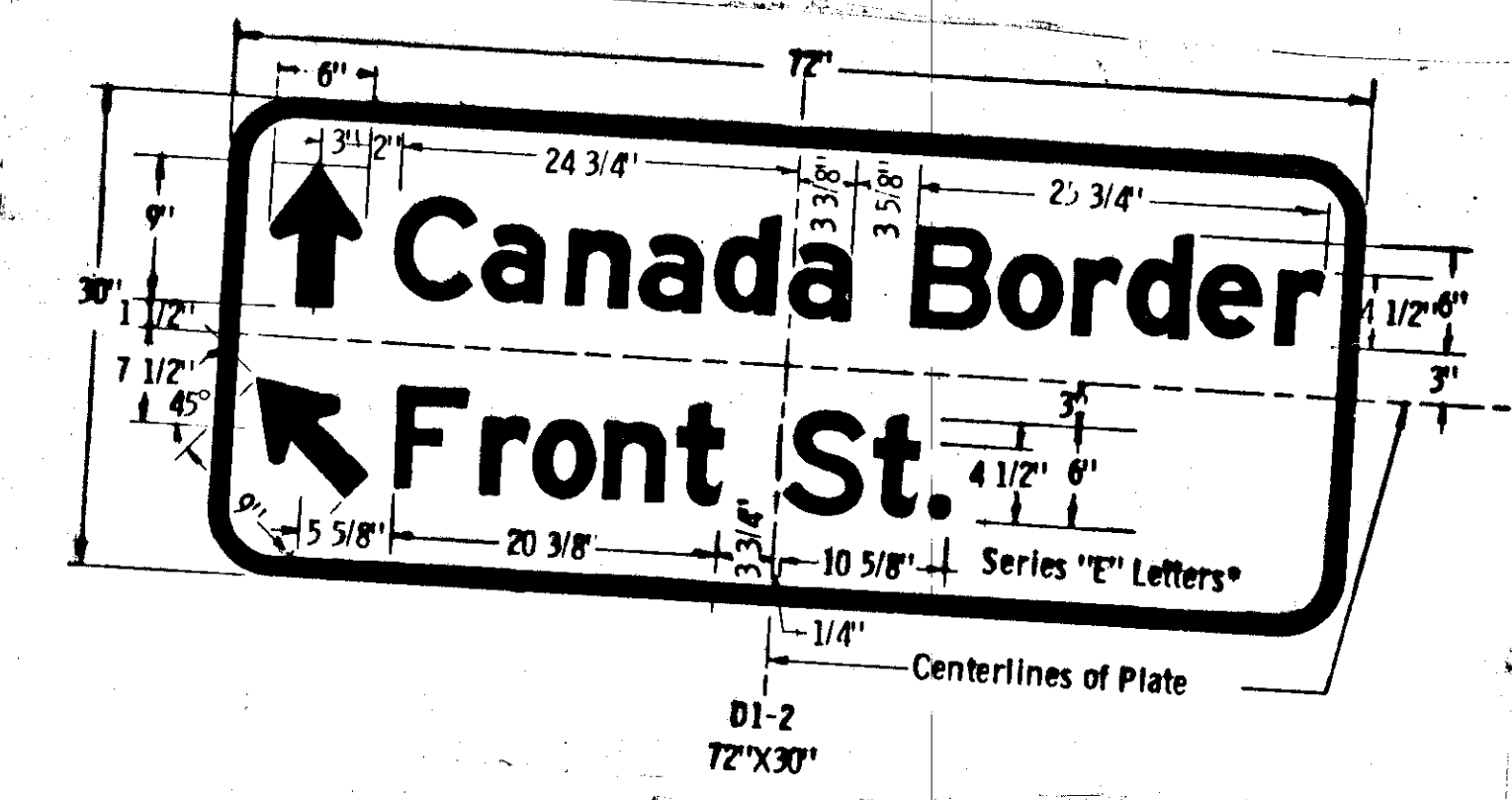
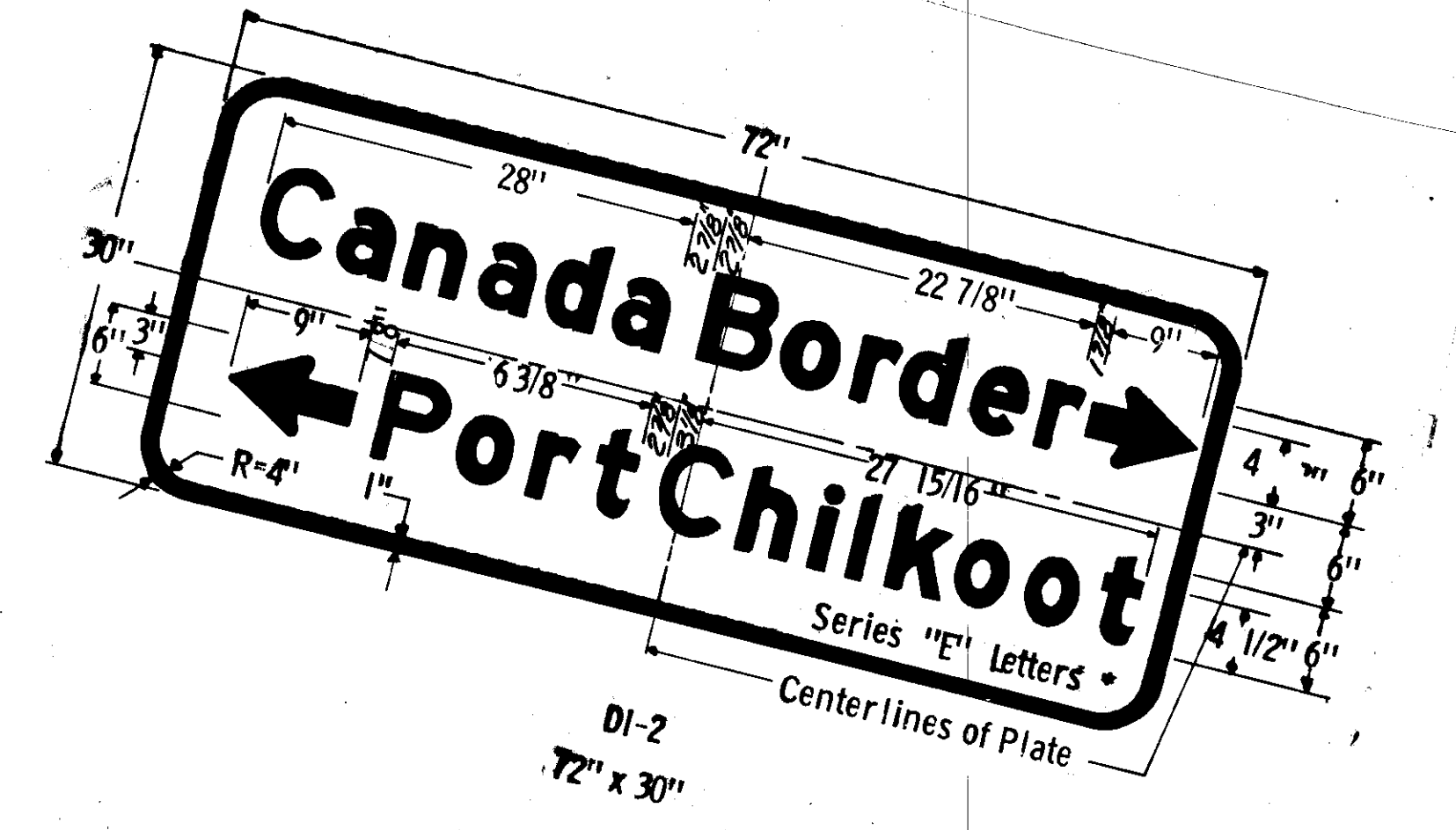
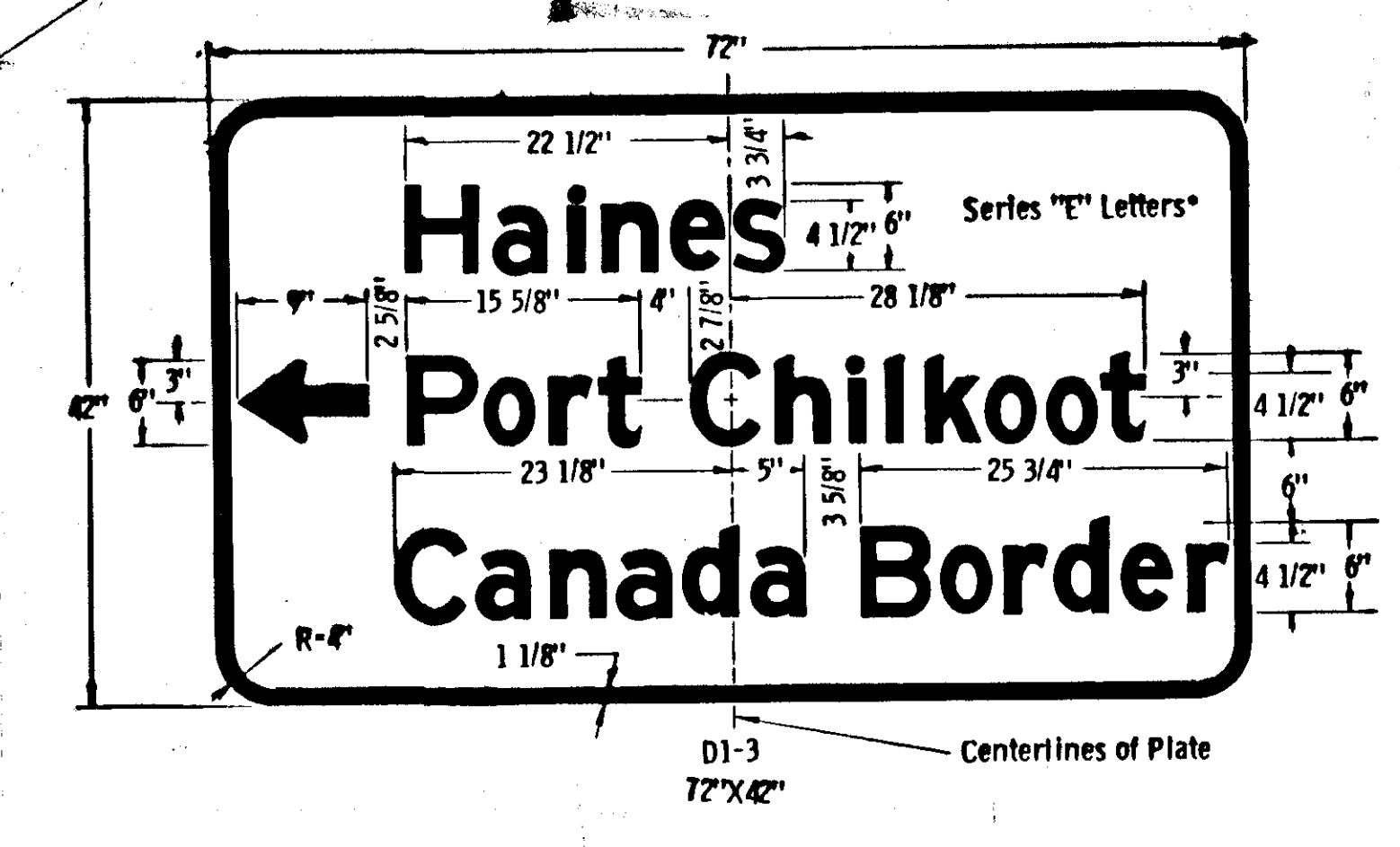
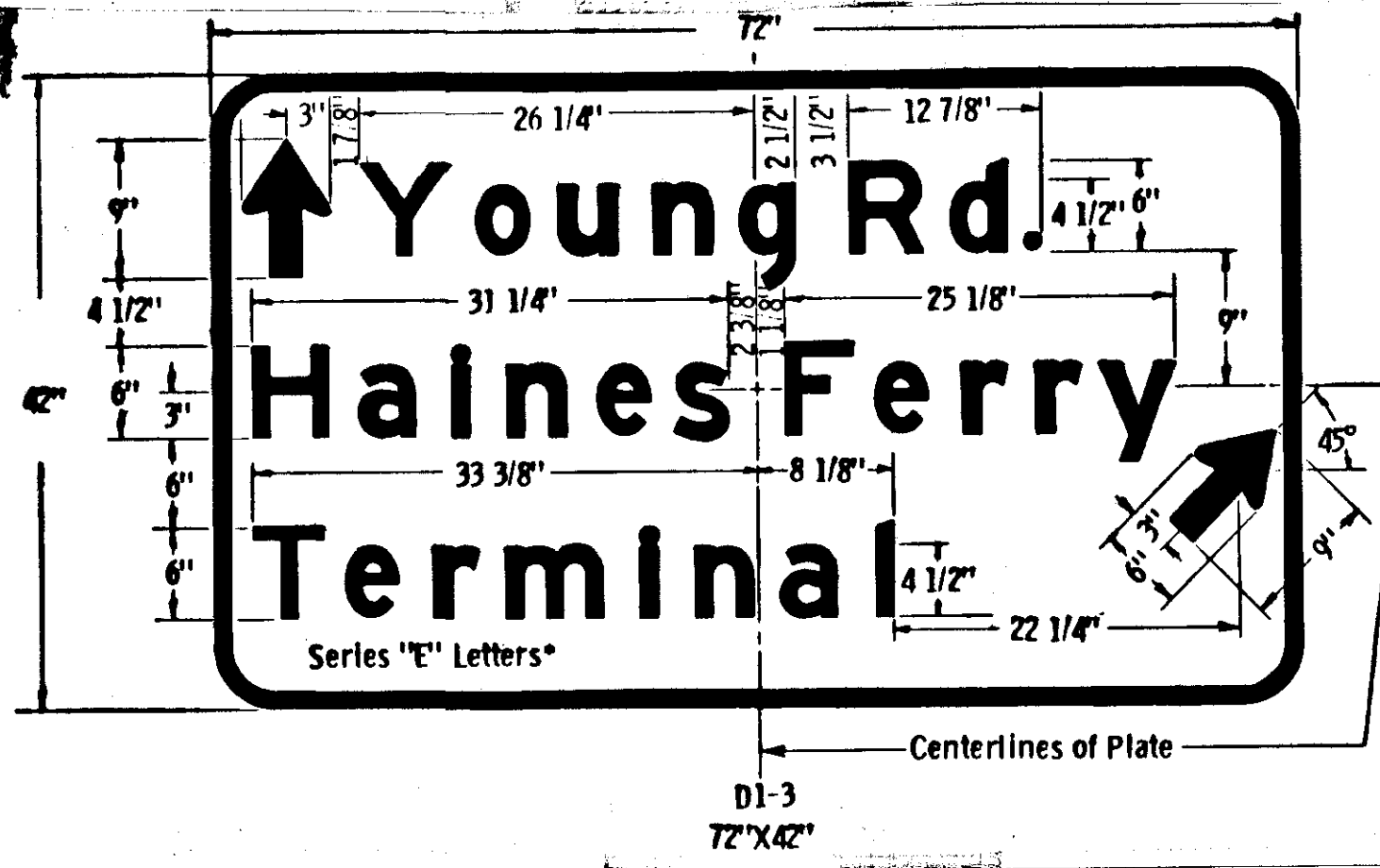
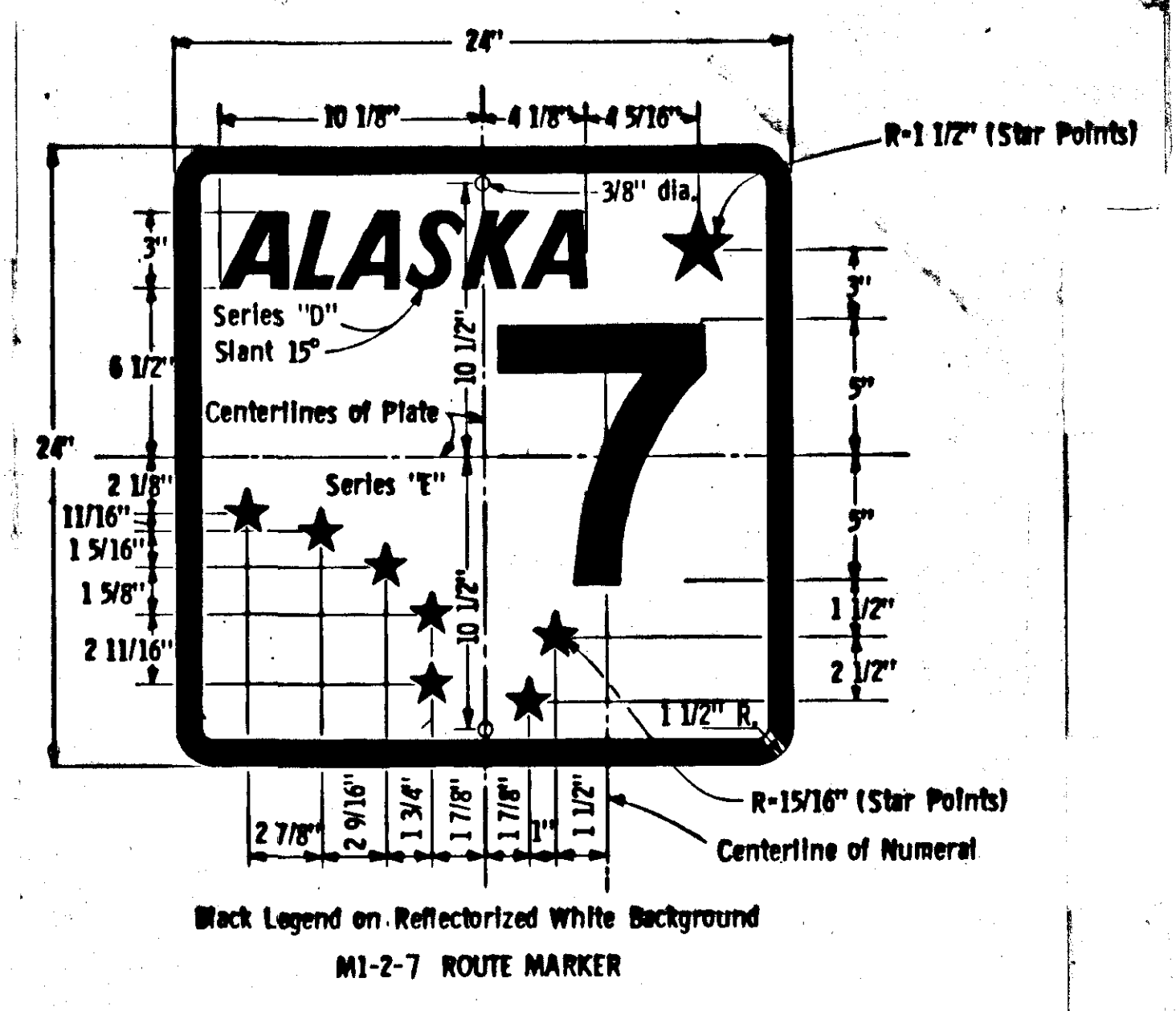
6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	T	e	r	n	i	n	o	i							
Letter Width	4.41	3.84	2.94	3.84	1.20	3.84	3.87	1.20							
Space Width		1.14	1.28	1.24	2.43	2.43	2.43								
Cumulative Width	4.41	5.20	9.44	11.42	14.30	15.35	22.21	24.80	25.34	28.27	32.11	34.00	37.91	40.34	41.58

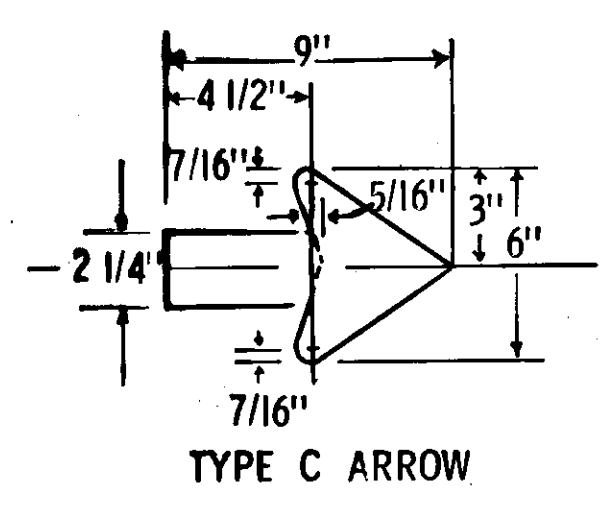
6 INCH, SERIES E-CAPITALS; 6 INCH LOWER CASE (4.5 INCH LOOP HEIGHT)

Letter	H	n	i	n	e	6				
Letter Width	4.78	3.81	1.20	3.84	3.84	3.75				
Space Width		1.05	1.17	1.17	0.95	0.63				
Cumulative Width	4.78	5.83	9.70	12.01	13.24	17.08	18.01	21.85	22.50	24.25

Y	o	u	n	o				
6.00	3.93	3.84	3.84	3.84				
	0.82	1.99	2.51	1.99				
6.00	6.82	10.75	12.74	16.58	19.09	22.93	24.92	28.76



NOTES:
 All D1-2, D1-3, and D1-4 signs will have reflectORIZED white arrows and legends and borders on reflectORIZED green background.
 • Modified stroke width to 1/5 letter height.

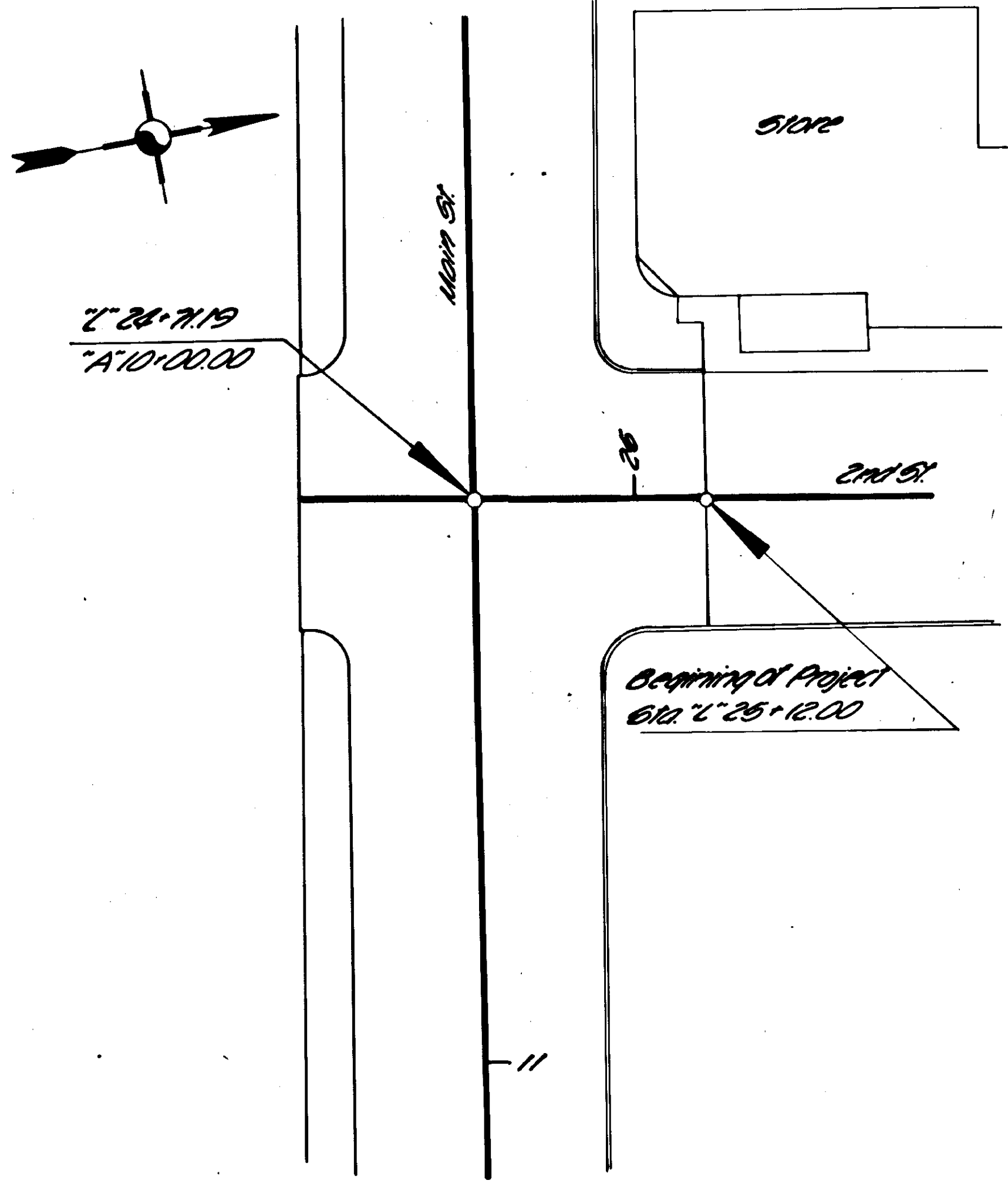


SPECIAL
 STANDARD SIGN
 DETAILS

SIGN LOCATIONS and DESCRIPTIONS

LINE	STATION	Dist. From C.		TYPE	LEGEND	REMARKS
		Left	Right			
A"	5+03		24'	M1-277	Alaska Route ?	
A"	5+03		24'	M3-1R		Under M1-2
A"	7+03		31'	D1-2	PORT CRUISE	
A"	7+03		31'	D1-2	Haines Ferry Terminal	
A"	9+03		24'	M1-277	Alaska Route ?	
A"	9+03		24'	M4-1L		Under M1-2
A"	10+57	24'		M1-277	Alaska Route ?	Facing Westbound Traffic
A"	10+57	24'		M3-6	(Under M1-2)	Facing Westbound Traffic
A"	12+57	31'		D1-2	Canada Border / Haines Ferry Terminal	Facing Westbound Traffic
Z"	26+08		24'	M1-277	Alaska Route ?	
Z"	26+08		24'	M3-1R		Under M1-2
Z"	27+73		31'	D1-2	Canada Border / Port Cruise	
Z"	28+53	24'		M1-277	Alaska Route ?	
Z"	28+53	24'		M3-1R	(Under M1-2)	
Z"	28+21	35'		R1-1	5100	
Z"	28+28	38'		R1-1	5100	
Z"	32+23	40'		R1-1	5100	
Z"	32+77	40'		R1-1	5100	
Z"	36+33	30'		R1-1	5100	
Z"	36+50		24'	M1-277	Alaska Route ?	
Z"	36+50		24'	M3-2R		Under M1-2
Z"	36+87		25'	R1-1	5100	Facing Eastbound Traffic
Z"	38+50		24'	D1-2	Young Ed Haines Ferry Terminal	
Z"	40+00	40'		M1-277	Alaska Route ?	
Z"	40+00	40'		M4-1L		Under M1-2
Z"	40+50	40'		R1-1	5100	
Z"	40+90	24'		M1-277	Alaska Route ?	
Z"	40+90	24'		M3-2R		Under M1-2, Facing Eastbound Traffic
Z"	41+50	24'		M3-3	Pavement Ends	
Z"	42+26	24'	24'	M6-15	South	Over M1-2
Z"	42+26	24'	24'	M1-277	Alaska Route ?	
Z"	43+10	24'		M3-2R		
Z"	45+10	24'		R2-1(25)	25 Speed Limit	
Z"	45+20	24'	24'	R2-1(40)	40 Speed Limit	
Z"	46+50	24'		D5-1	Haines City Limits	
Z"	49+50	30'		R1-1	5100	
Z"	51+00	24'		R2-5	Speed Zone Ahead	
Z"	59+00	24'		D1-2	Haines Ferry Terminal	
Z"	60+00	24'		M6-1N	North	Over M1-2
Z"	60+00	24'		M1-277	Alaska Route ?	
Z"	61+00	60'		R1-1	5100	
Z"	63+00	24'		D1-2	Canada Border / From St.	
Z"	65+00	24'	24'	R2-1(40)	40 Speed Limit	
Z"	64+90	24'		M13-1(35)	35 M.P.H.	Under M1-2L
Z"	64+90	24'		M1-2L		
Z"	95+10	24'		M1-2L		
Z"	96+10	24'		M1-2R		
Z"	96+10	24'		M13-1(35)	35 M.P.H.	Under M1-2R
Z"	100+21	24'		M1-2L		
Z"	130+30	24'		M1-2R		
Z"	132+30	24'		M13-1(35)	35 M.P.H.	Under M1-2R
Z"	136+50	24'		M1-2L		
Z"	145+39	24'		M1-2R		
Z"	150+03	24'		M1-2R		
Z"	150+03	24'		M13-1(35)	35 M.P.H.	Under M1-2R
Z"	162+00	24'		M1-2L		
Z"	168+00	24'		R2-1(40)	40 Speed Limit	
Z"	168+20	24'		R2-1(40)	40 Speed Limit	
Z"	176+40	24'		M1-2R		
Z"	176+40	24'		M13-1(35)	35 M.P.H.	Under M1-2R
Z"	182+26	60'		R1-1	5100	
Z"	183+74	24'		M1-2L		
Z"	183+74	24'		M13-1(35)	35 M.P.H.	Under M1-2L
Z"	188+70	24'		M1-2L		
Z"	188+70	24'		M13-1(35)	35 M.P.H.	Under M1-2L
Z"	205+25	24'		M1-2R		
Z"	205+25	24'		M13-1(35)	35 M.P.H.	Under M1-2R
Z"	243+00	30'		R1-1	5100	
Z"	240+30	24'		M1-3L		Under M1-3L
Z"	240+30	24'		M13-1(30)	30 M.P.H.	
Z"	243+00	24'		R2-1(40)	40 Speed Limit	

LINE	STATION	Dist. From C.		TYPE	LEGEND	REMARKS
		Left	Right			
Z"	245+00	24'		M6-1N	North	Over M1-277
Z"	245+00	24'		M1-277	Alaska Route ?	
Z"	246+00	24'	24'	R3-1	No Right Turn	Face Westbound Traffic
Z"	246+00	24'	24'	R5-1R	One Way	
Z"	246+25	24'		D1-3	Haines, Port Cruise, Canadian Border	
Z"	246+90	24'	24'	R5-1L	One Way	
Z"	247+90	24'	24'	D1-3	Ferry Loading Area	
Z"	248+90	24'		M1-6R		Face Westbound Traffic
Z"	248+90	24'		M1-6L		Face Westbound Traffic
Z"	249+50	24'	24'	M13-3	Pavement Ends	
Z"	261+10	24'	24'	R1-1	5100	
Z"	261+50	24'	24'	R2-1(35)	35 Speed Limit	
Z"	264+60	24'		M1-3L		Under M1-3L
Z"	264+60	24'		M13-1(30)	30 M.P.H.	



MAIN STREET INTERSECTION
SIGN LOCATION DETAIL

SUMMARY of SIGNS

DESIGNATION	SIZE	LEGEND	USE IN PLACE	RELOCATE	ERECT
M1-277	28" x 28"	Alaska Route ?			11
M3-1R	21" x 15"				2
M4-1L	21" x 15"				2
M3-1R	21" x 15"				1
M4-6	21" x 15"				1
R1-1	30" x 30"	5100			22
R2-1(25)	28" x 30"	25 Speed Limit			1
R2-1(35)	28" x 30"	35 Speed Limit			1
R2-1(40)	28" x 30"	40 Speed Limit			6
R2-5	28" x 30"	Speed Zone Ahead			1
R3-1	28" x 30"	No Right Turn			1
R5-1R	36" x 15"	One Way			1
R5-1L	36" x 15"	One Way			1
M6-15	21" x 9"	South			1
M6-1N	21" x 9"	North			2
M6-2R	21" x 15"				1
M1-2R	30" x 30"				4
M1-2L	30" x 30"				5
M1-3L	30" x 30"				2
M1-6R	30" x 30"				2
M1-6L	30" x 30"				1
M2-2R	30" x 30"				1
M3-3	30" x 30"	Pavement Ends			2
M13-1(30)	18" x 18"	30 M.P.H.			2
M13-1(35)	18" x 18"	35 M.P.H.			8
D1-2	72" x 30"	Canada Border			1
D1-2	72" x 30"	Canada Border			1
D1-2	72" x 30"	From St.			1
D1-2	72" x 30"	Haines Ferry Terminal			1
D1-2	72" x 30"	Haines Ferry Terminal			1
D1-2	72" x 30"	Ferry Loading			1
D1-3	72" x 30"	Haines			1
D1-3	72" x 30"	Canada Border			1
D1-3	72" x 30"	Canada Border			1
D1-3	72" x 30"	Young Ed Haines Ferry Terminal			1
D1-4	72" x 30"	Canada Border			1
D5-1	36" x 15"	Haines City Limit			1
M3-2R	21" x 15"				1

SIGN
TABULATIONS