FORM 100-A '65

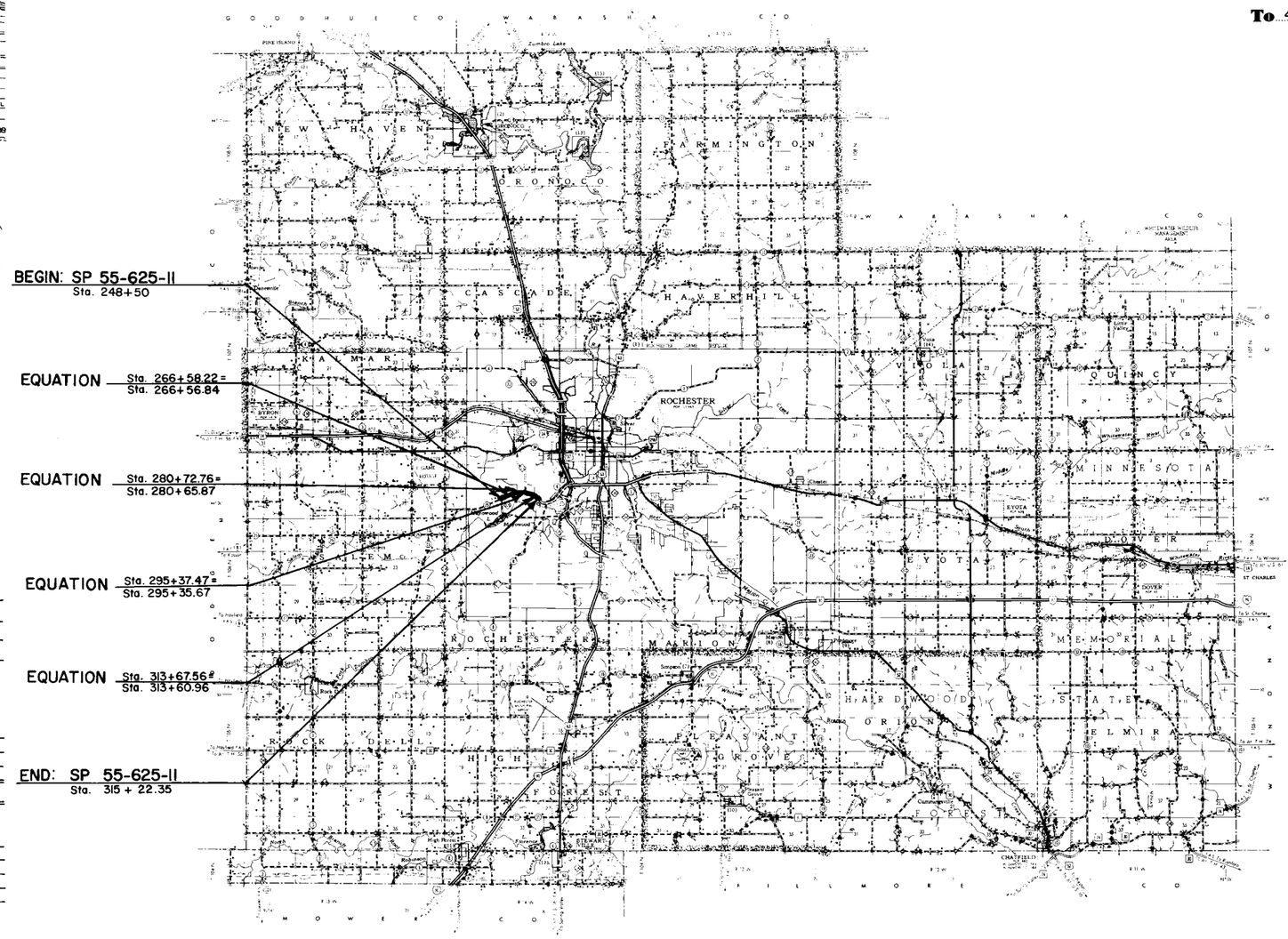
Minn. Proj. No. RS 6223

PLANS SYMBOLS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT-OF-WAY LINE
PRESENT RIGHT-OF-WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT-OF-WAY LINE
RIVER OR CREEK (NAME)
DRY RUN
DRAINAGE DITCH (SIZE)
DRAIN TILE
CULVERT
DROP INLET
GUARD RAIL
BARBED WIRE FENCE
WOVEN WIRE FENCE (W)
CHAIN LINK FENCE (C.L.)
RAILROAD SNOW FENCE
STONE WALL OR FENCE
HEDGE
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
MEANDER CORNER
SPRINGS
MARSH
TIMBER
ORCHARD
BRUSH
NURSERY
(TIMBER)
CATCH BASIN (C.B.)
FIRE HYDRANT
CATTLE GUARD
OVERPASS (Highway Over)
UNDERPASS (Highway Under)
BRIDGE
BUILDING (One Story Frame) (I-S-T)
F-FRAME C-CONCRETE
S-STONE T-TILE
B-BRICK ST-STUCCO
IRON PIPE OR ROD
MONUMENT (STONE, CONCRETE, OR METAL)
WOODEN HUB
GRAVEL PIT (G)
SAND PIT (S)
BORROW PIT (B)
ROCK QUARRY (Q)

UTILITIES SYMBOLS

POWER POLE LINE
TELEPHONE OR TELEGRAPH POLE LINE
JOINT TELEPHONE AND POWER ON POWER POLES
ON TELEPHONE POLES
ANCHOR
STEEL TOWER
STREET LIGHT
PEDESTAL (TELEPHONE CABLE TERMINAL)
GAS MAIN (G)
WATER MAIN (I)
CONDUIT
TELEPHONE CABLE IN CONDUIT (T)
ELECTRIC CABLE IN CONDUIT (P)
TELEPHONE MANHOLE (T)
ELECTRIC MANHOLE (P)
BURIED TELEPHONE CABLE (T-BUR)
BURIED ELECTRIC CABLE (P-BUR)
AERIAL TELEPHONE CABLE (T-AE)
SEWER, (SANITARY OR STORM)
SEWER MANHOLE



STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR Aggregate Base, Concrete Paving, Aggregate Shoulders and Bituminous Approaches.

COUNTY STATE AID HIGHWAY NO. 25

BETWEEN CR. 125 **AND** CSAH 8

From 210.5' South & 1367.3' N.E. of Center Section 8 T106N – R14W
(Give proper reference to Sections, Township and Range)

To 497.2' South & 940.0' N.W. of E 1/4 Corner Sec. 9 T106N – R14W

GROSS LENGTH	6689.02	**FEET**	1.267 **MILES**
BRIDGES-LENGTH	0	**FEET**	0 **MILES**
EXCEPTIONS-LENGTH	0	**FEET**	0 **MILES**
NET LENGTH	6689.02	**FEET**	1.267 **MILES**

INDEX OF SHEETS

Sheet No. 1 Title Sheet & Layout Map
" No. 2 Est. Quantities & Typical Sec
" No. 3 To 5 Plan & Profile
" No. To Cross Sections

DESIGN SPEED 55 **M. P. H.**

PROJECTED A. D. T. 3919
ONE WAY EST. HCADT 196

9 **TON DESIGN**

SOIL FACTOR 130

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

COUNTY ENGINEER _____ DATE March 30 1976

Olmsted COUNTY REG. NO. 8284

RECOMMENDED FOR APPROVAL _____ 4-6 19 76
DISTRICT STATE AID ENGINEER

RECOMMENDED FOR APPROVAL _____ 19___

APPROVED _____ 19___
STATE AID ENGINEER

S.A.P. _____
State Project No. 55-625-11

SPECIFICATIONS

MINNESOTA HIGHWAY DEPARTMENT
STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION
DATED JANUARY 1, 1972, AS AMENDED BY "SUPPLEMENTAL SPECIFICATIONS" DATED APRIL 1, 1976 SHALL GOVERN.

OLMSTED County, Minnesota. County Proj. No. _____ **Plan No.** _____ Sheet 1 of 5 Sheets

ALBINSON, INC.

Proj. No.

ESTIMATED QUANTITIES

SPECIFICATION NO	ITEM	UNIT	MUNICIPAL	RURAL	TOTAL ESTIMATED QUANTITIES	
2021.501	Mobilization	Lump Sum		1	1	(P)
2112.501	Subgrade Preparation	Road Station		12	12	
2211.501	Aggregate Base, Class 2	Ton		3766	3766	
2221.501	Aggregate Shouldering, Class 3	Ton		4181	4181	
2221.501	Aggregate Shouldering, Class 2	Ton		3460	3460	
2301.501	Concrete Pavement	Square Yard		17837	17837	(P)
2301.511	Structural Concrete	Cubic Yard		3220	3220	(P)
2331.504	Bituminous Material for Mixture	Ton		19	19	
2331.516	Shoulder Mixture	Ton		320	320	

(P) Plan Quantity

CONSTRUCTION NOTES

GRADES:

THE CENTERLINE GRADE FOR PAVING WILL BE ESTABLISHED BY THE OLMSTED COUNTY HIGHWAY DEPARTMENT.

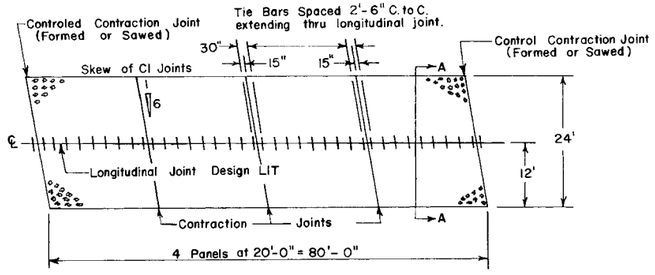
JOINTS :

ALL CONTRACTION JOINTS, ALL LONGITUDINAL JOINTS, AND PERMANENT HEADER JOINTS AT BEGINNING AND END OF PROJECT WILL BE INCIDENTAL TO ITEM NO. 2301.501 CONCRETE PAVEMENT AND NO DIRECT COMPENSATION WILL BE MADE THEREFORE. THE CENTERLINE JOINT (LONGITUDINAL) SHALL BE SAWED.

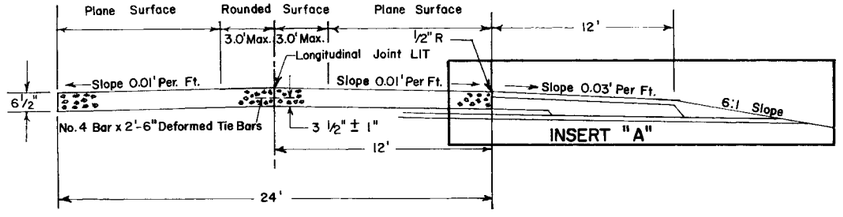
REINFORCED PANEL OVER CENTERLINE CULVERTS:

REINFORCED CONCRETE PANELS OF THE LENGTH INDICATED AT LOCATIONS LISTED BELOW SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD DETAIL PLATE NOTED IN THE PLANS, MODIFIED TO THE EXTENT THAT A DOWELED TRANSVERSE JOINT WILL NOT BE REQUIRED.
REINFORCED PANELS WILL BE INCIDENTAL TO ITEM NO. 2301.501 CONCRETE PAVEMENT AND NO DIRECT COMPENSATION WILL BE MADE THEREFORE.

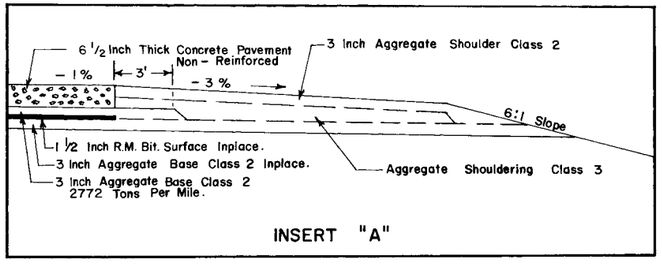
STATION	275 + 70	40' PANEL
	287 + 41	20' PANEL
	290 + 12	40' PANEL
	304 + 00	20' PANEL
	304 + 96	20' PANEL



PLAN



SECTION A-A
Sta. 248 + 50 to Sta. 315 + 22.35



INSERT "A"

STANDARD PLATES

THE FOLLOWING STANDARD PLATES APPROVED BY THE DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINSTRATION, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
0002 A	SPECIFICATION REFERENCE
1016 E	CONCRETE PAVEMENTS NON-REINFORCED
1070 G	REINFORCED PANEL OVER CULVERTS
1100 J	EXPANSION JOINTS
1120 N	CONTRACTION JOINT
1140 N	LONGITUDINAL JOINTS
1141 B	PAVEMENT KEYWAY FOR KEYED JOINT CONSTRUCTION
1150 M	CONSTRUCTION OF HEADER JOINTS
8000 F	STANDARD BARRICADES
9000 B	APPROACHES AND ENTRANCES

BASIS FOR PLANNED QUANTITIES

AGGREGATE BASE

AGGREGATE FOR BASE _____ 140 Lbs. Per Cu. Ft. Compacted.

PLANT MIXED BITUMINOUS SHOULDER

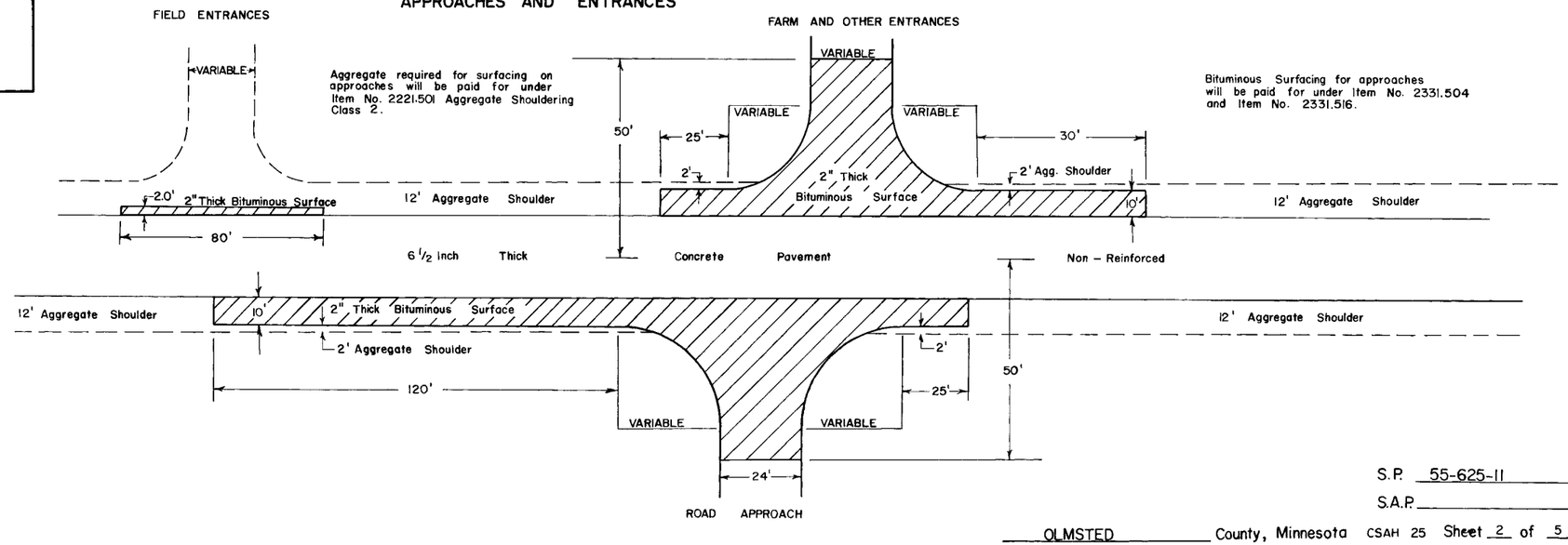
BITUMINOUS MATERIAL FOR MIXTURE _____ 6.0 % of weight of mixture.
BITUMINOUS MATERIAL COMPUTED FOR
2909 SQ. YDS. INCLUDES _____ 1024 SQ. YDS. FOR ENT. AND APPS.
SHOULDER MIXTURE _____ 110 Lbs. Per Sq. Yd. Per 1 Inch Depth.

AGGREGATE SHOULDER

AGGREGATE SHOULDERING CLASS 3 _____ 135 Lbs. Per Cu. Ft. Compacted.
AGGREGATE SHOULDERING CLASS 2 _____ 140 Lbs. Per Cu. Ft. Compacted.
AGGREGATE SHOULDERING CLASS 2 ___ INCLUDES 372 Tons for Ent. and Approaches.

Note : All dimensions and slopes shown on typical sections are approximate.

APPROACHES AND ENTRANCES



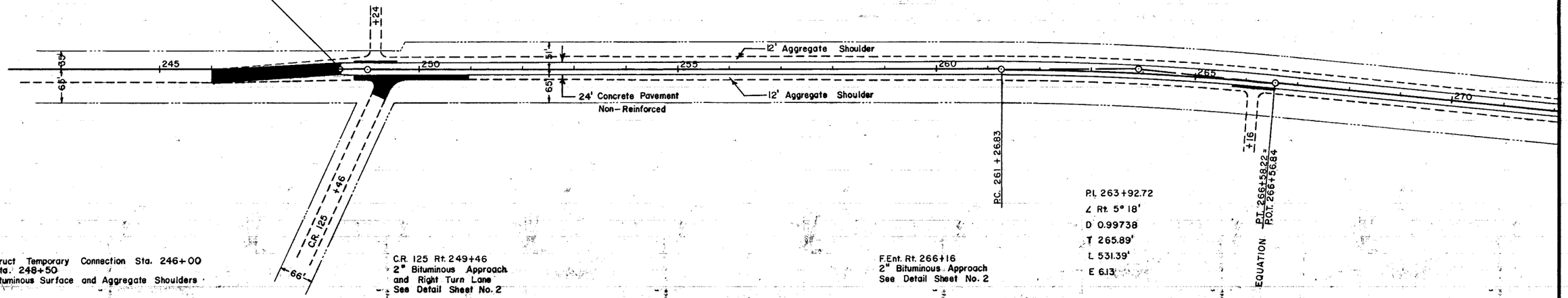
S.P. 55-625-11
S.A.P. _____

OLMSTED County, Minnesota CSAH 25 Sheet 2 of 5 Sheets

Fed. Proj. No.

F. Ent. Lt. 249+24
2" Bituminous Approach
See Detail Sheet No. 2

BEGIN: SP 55-625-II
Sta. 248+50

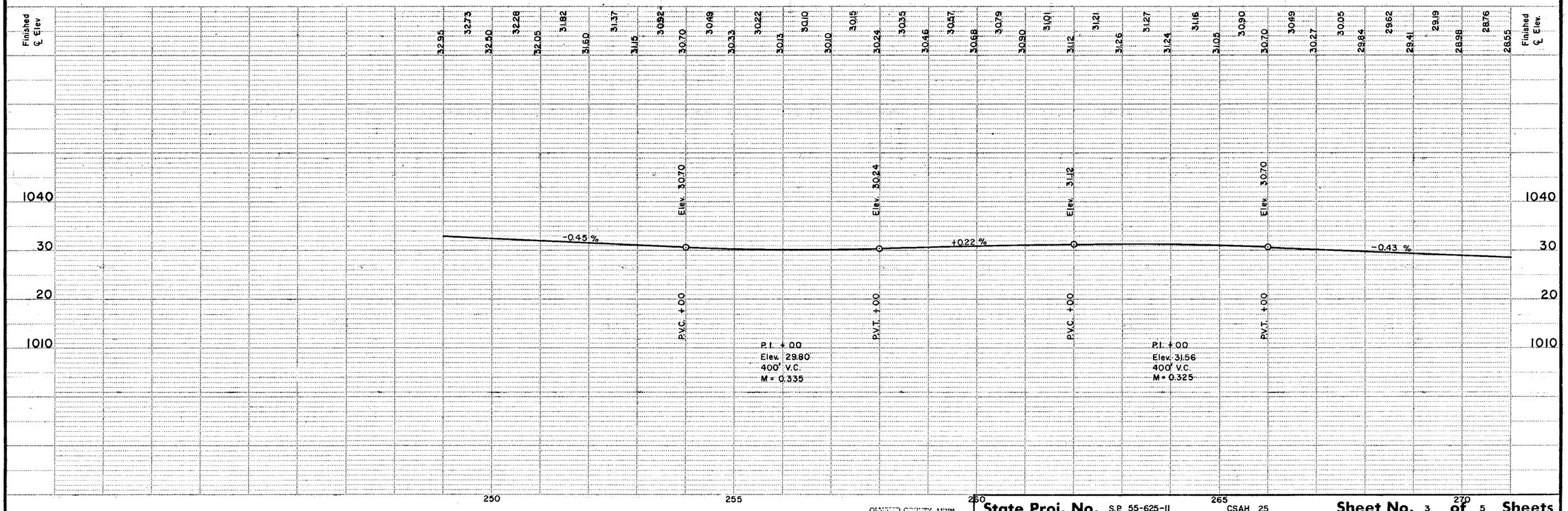


Construct Temporary Connection Sta. 246+00 to Sta. 248+50
2" Bituminous Surface and Aggregate Shoulders

C.R. 125 Rt. 249+46
2" Bituminous Approach and Right Turn Lane
See Detail Sheet No. 2

F. Ent. Rt. 266+16
2" Bituminous Approach
See Detail Sheet No. 2

P.I. 263+92.72
Δ Rt. 5° 18'
D 0.99738
T 265.89'
L 531.39'
E 6.13



Fed. Proj. No.

F. Ent. Lt. 271+96
2" Bituminous Approach
See Detail Sheet No. 2

℄ Culv. 275+66
Place 40' Reinforced Panel over
Culverts Sta. 275+70

℄ Culv. 275+75

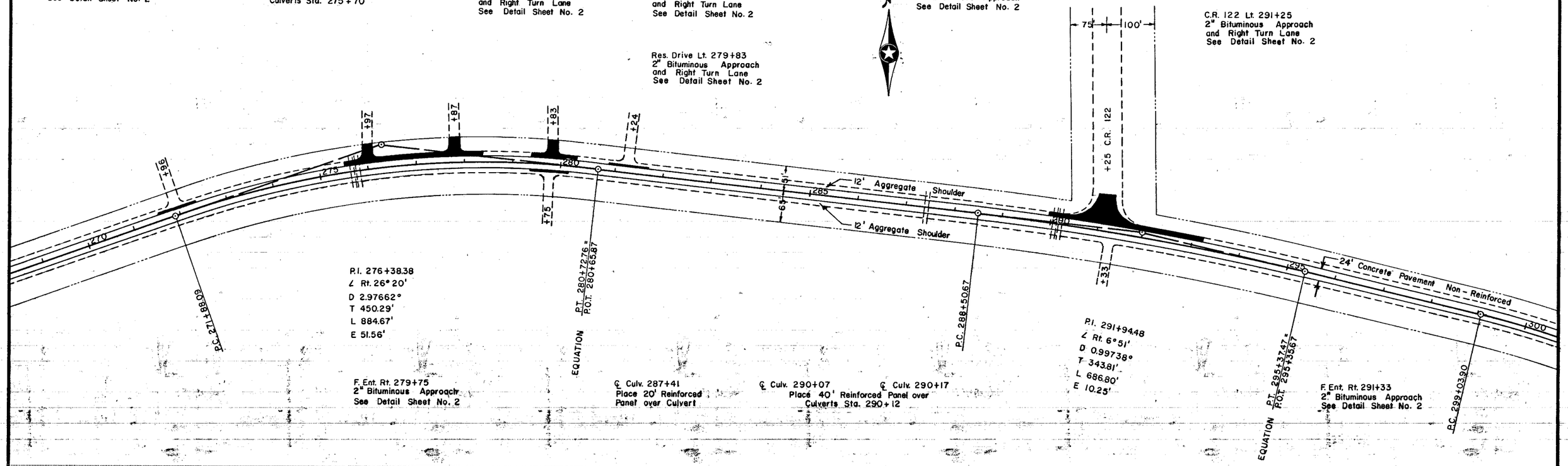
34th Ave. S.W. Lt. 275+97
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2

Res. Drive Lt. 277+87
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2

Res. Drive Lt. 279+83
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2

F. Ent. Lt. 281+24
2" Bituminous Approach
See Detail Sheet No. 2

C.R. 122 Lt. 291+25
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2



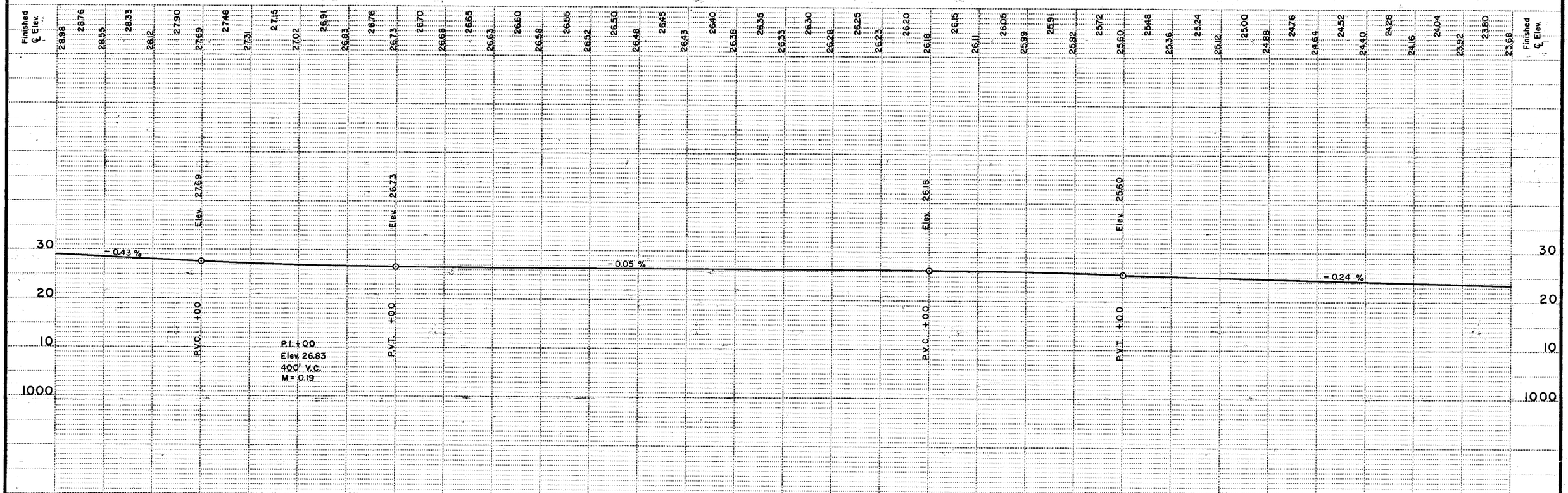
F. Ent. Rt. 279+75
2" Bituminous Approach
See Detail Sheet No. 2

℄ Culv. 287+41
Place 20' Reinforced
Panel over Culvert

℄ Culv. 290+07

℄ Culv. 290+17
Place 40' Reinforced Panel over
Culverts Sta. 290+12

F. Ent. Rt. 291+33
2" Bituminous Approach
See Detail Sheet No. 2



OLMSTED COUNTY, MINN.

State Proj. No. S.P. 55-625-11 CSAH 25

Sheet No. 4 of 5 Sheets

Fed. Proj. No.

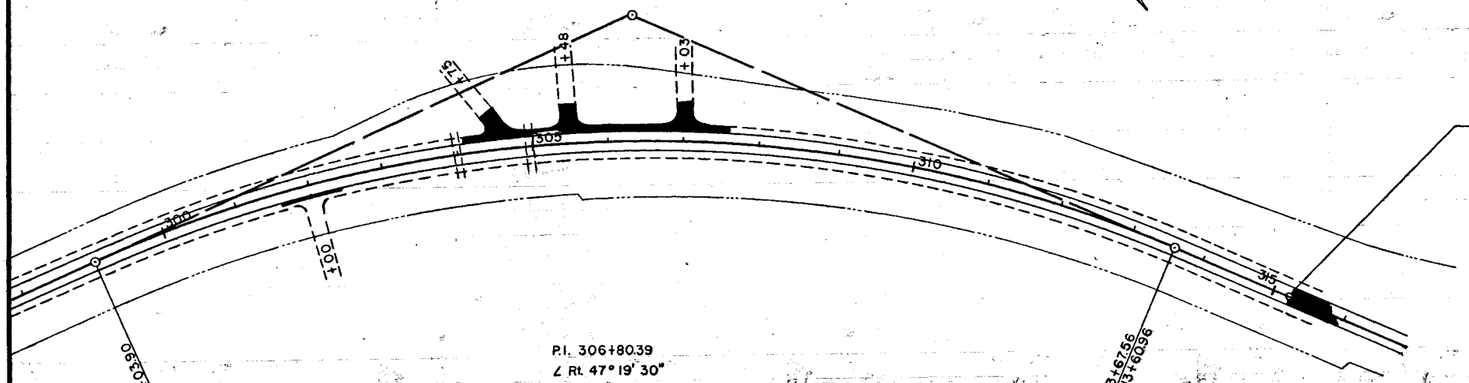
℄ Culv. 304+00
Place 20' Reinforced
Panel over Culvert

Res. Drive Lt. 304+75
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2

℄ Culv. 304+96
Place 20' Reinforced
Panel over Culvert

Res. Drive Lt. 305+48
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2

Res. Drive Lt. 307+03
2" Bituminous Approach
and Right Turn Lane
See Detail Sheet No. 2



END: SP 55-625-11
Sta. 315 + 22.35

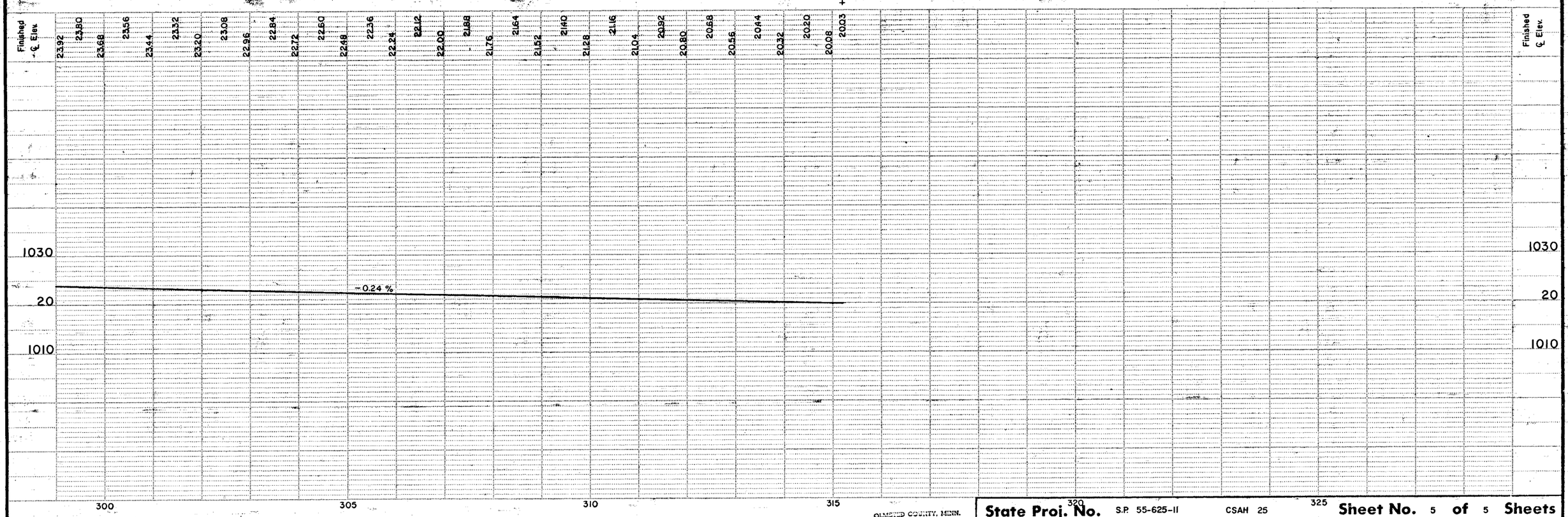
P.C. 299+03.90

F. Ent. Rt. 302+00
2" Bituminous Approach
See Detail Sheet No. 2

P.I. 306+80.39
∠ Rt. 47° 19' 30"
D 3° 14'
T 776.49'
L 1463.66'
E 162.66'

P.T. 313+67.56
P.O.T. 313+60.96

EQUATION +2.24



OLMSTED COUNTY, MINN.

State Proj. No. S.P. 55-625-11 CSAH 25 Sheet No. 5 of 5 Sheets