B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	6305	1	4

LOCATION MAP

Scale of miles

NOTES

Superstructure - One concrete span ten feet long with a twenty foot travelway.

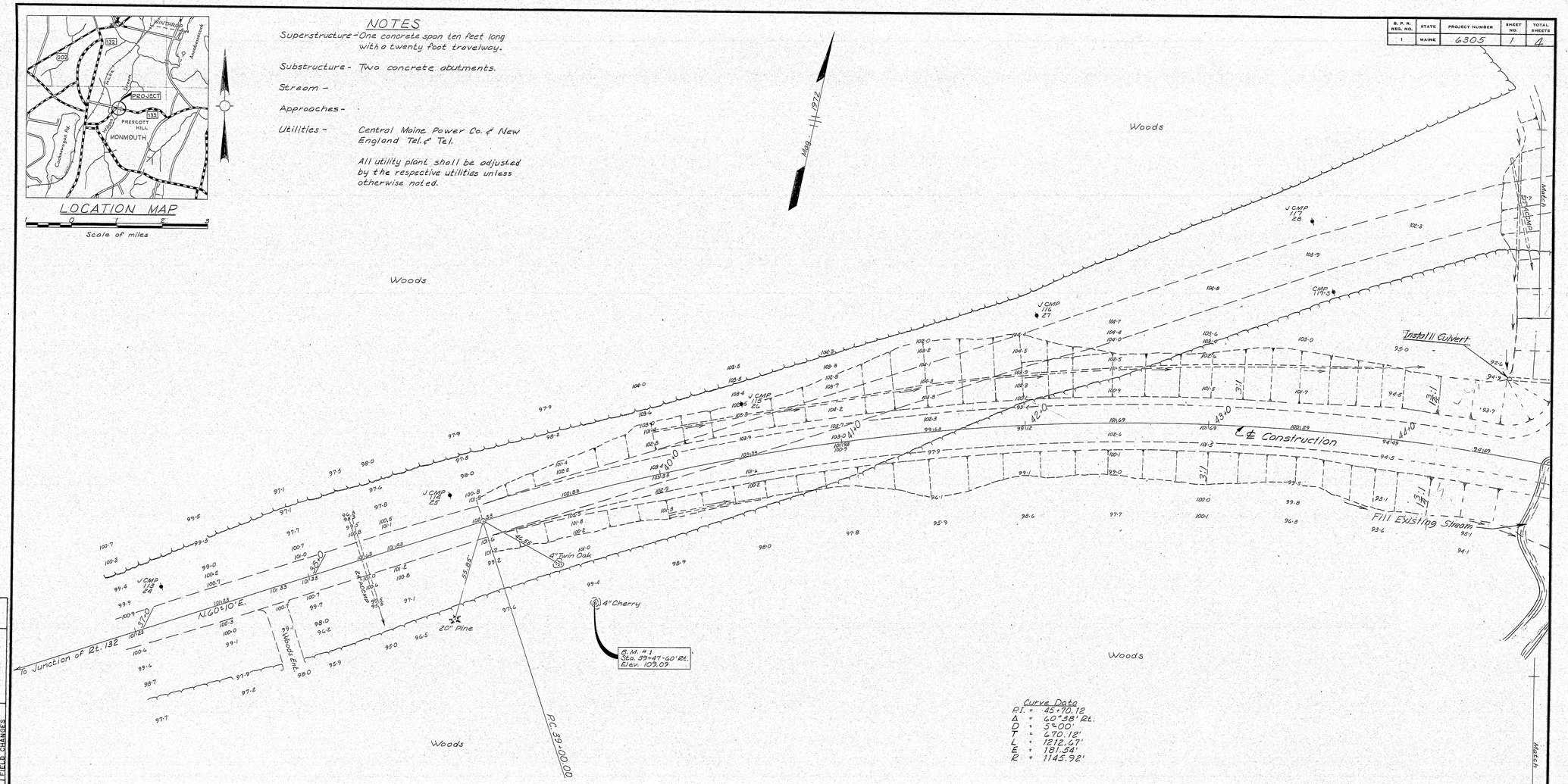
Substructure - Two concrete abutments.

Stream -

Approaches -

Utilities - Central Maine Power Co. & New England Tel. & Tel.

All utility plant shall be adjusted by the respective utilities unless otherwise noted.



Curve Data
P.I. = 45+70.12
Δ = 60°38' Rt.
D = 5°00'
T = 670.12'
L = 1212.67'
E = 181.54'
R = 1145.92'

PLAN

Scale of feet

REFERENCE
State Aid Highway Survey Book
For S.A. Hwy. #7

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

MUD MILL BRIDGE
OVER
WILSON STREAM
IN THE TOWN OF
MONMOUTH
KENNEBEC COUNTY
SURVEY

SHEET 1 OF 4 AUGUSTA, MAINE FEB. 1972

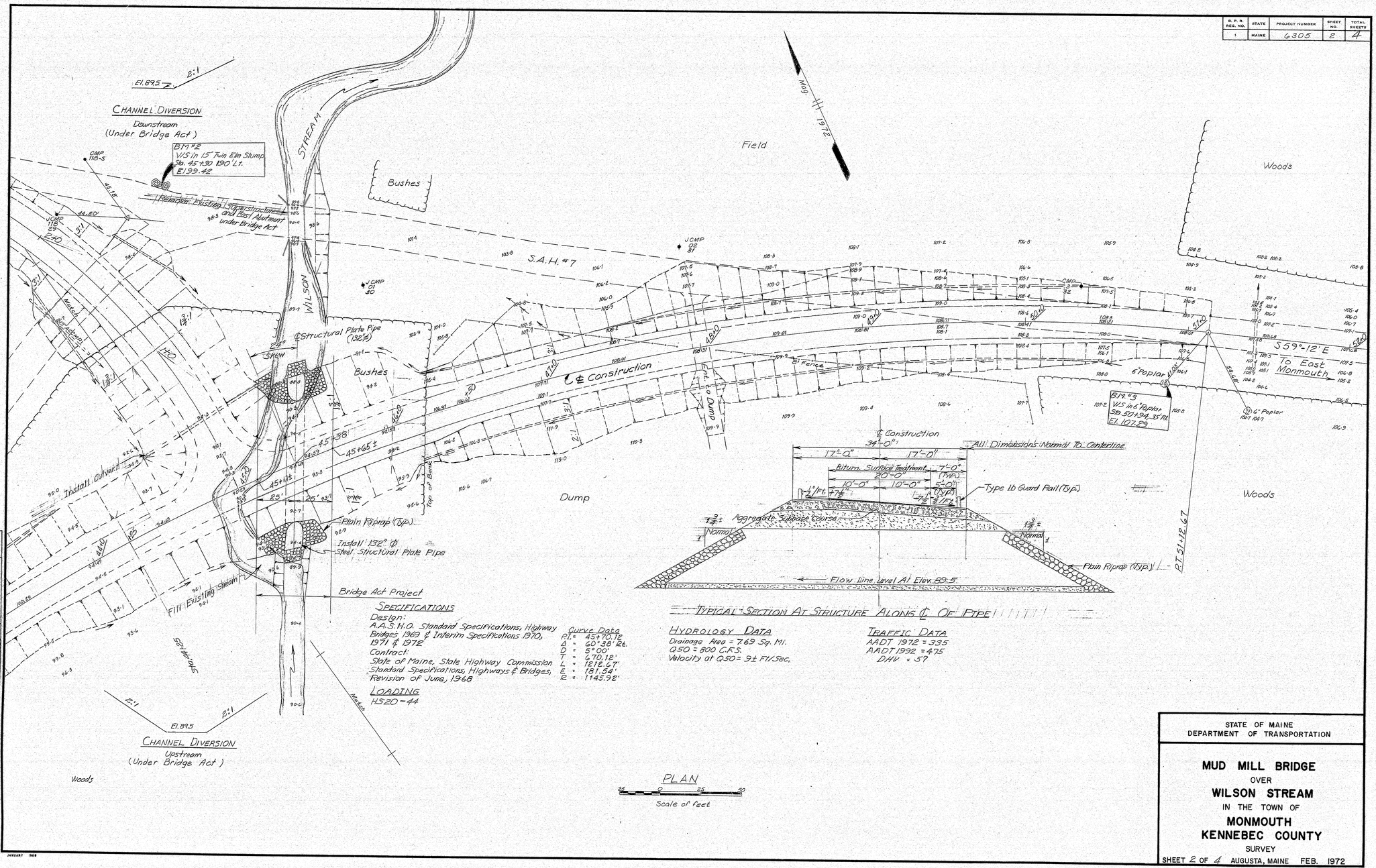
Preliminary Plan
Survey Checked
Survey Plot by R.C. Booth
J.T.F. 8-31-72
J.T.F. 3-21-72
3-20-72

PLANS	BY	DATE
DESIGN - DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		

JANUARY 1968

137:27

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	6305	2	4



Preliminary Plan — J.T.F. 8-31-72
Survey Checked by R.G. Booth — J.T.F. 3-21-72
Survey Plot by R.G. Booth — J.T.F. 3-20-72

PLANS	BY	DATE
DESIGN - DETAILED		
CHECKED	MMG	8/73
REVISIONS		
FIELD CHANGES		

JANUARY 1969

SPECIFICATIONS

Design:
A.A.S.H.O. Standard Specifications, Highway Bridges 1969 & Interim Specifications 1970, 1971 & 1972
Contract:
State of Maine, State Highway Commission Standard Specifications, Highways & Bridges, Revision of June, 1968

LOADING

H.S.20 - 44

Curve Data	
P.I. =	45+70.12
Δ =	60°38' Rt.
D =	5°00'
T =	470.12'
L =	1212.67'
E =	181.54'
R =	1145.92'

HYDROLOGY DATA

Drainage Area = 7.69 Sq. MI.
Q50 = 800 C.F.S.
Velocity of Q50 = 9± Ft/Sec.

TRAFFIC DATA

AADT 1972 = 335
AADT 1992 = 475
DHV = 57

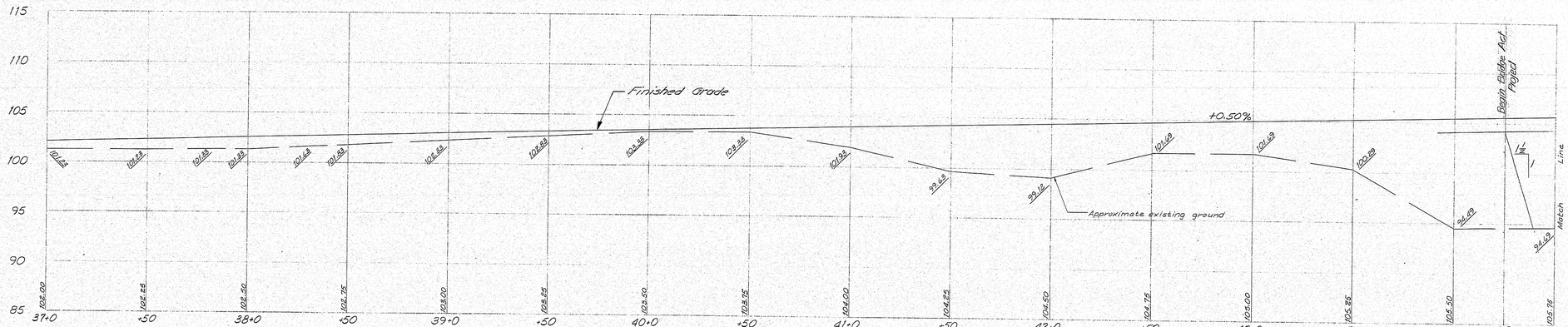
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

MUD MILL BRIDGE
OVER
WILSON STREAM
IN THE TOWN OF
MONMOUTH
KENNEBEC COUNTY
SURVEY

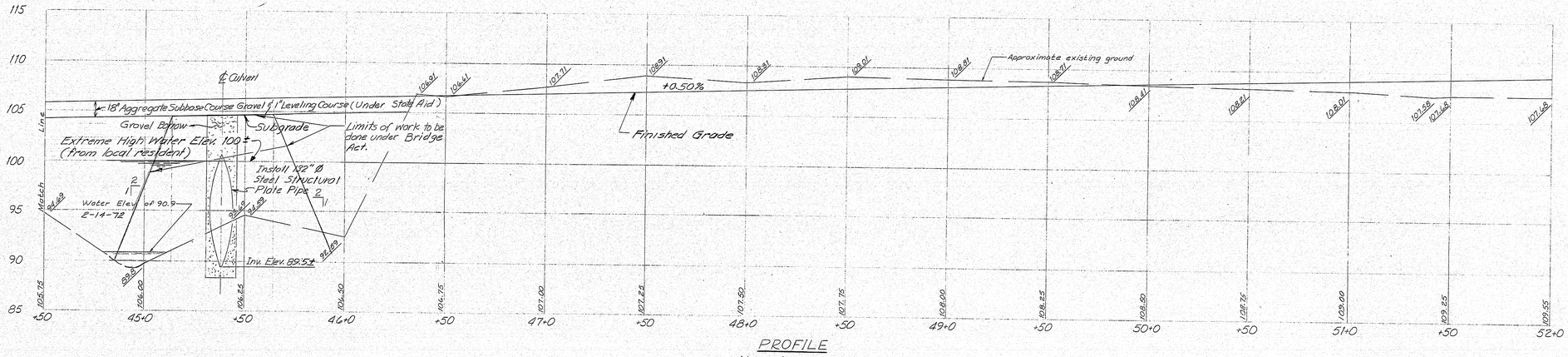
SHEET 2 OF 4 AUGUSTA, MAINE FEB. 1972

137-28

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	6305	3	4



PROFILE
Along ℄ Construction



PROFILE
Along ℄ Construction

J.T.F. 8-31-72
J.T.F. 3-27-72

PLANS	DATE	BY
DESIGN - DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		

Preliminary Plan
Survey Checked by E.C. Booth
Survey Plot by

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

MUD MILL BRIDGE
OVER
WILSON STREAM
IN THE TOWN OF
MONMOUTH
KENNEBEC COUNTY

PROFILE

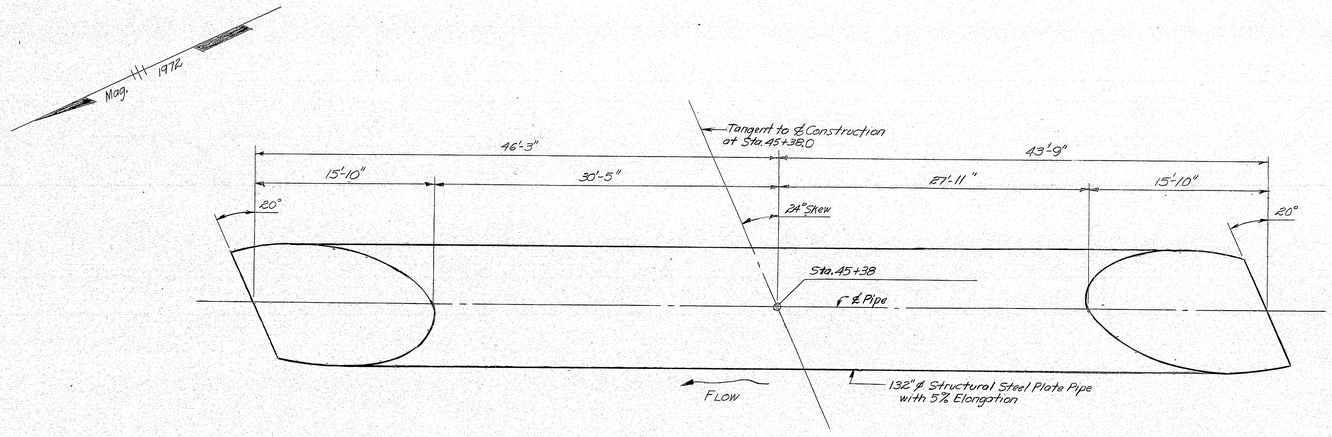
SHEET 3 OF 4 AUGUSTA, MAINE FEB. 1972

JANUARY 1968

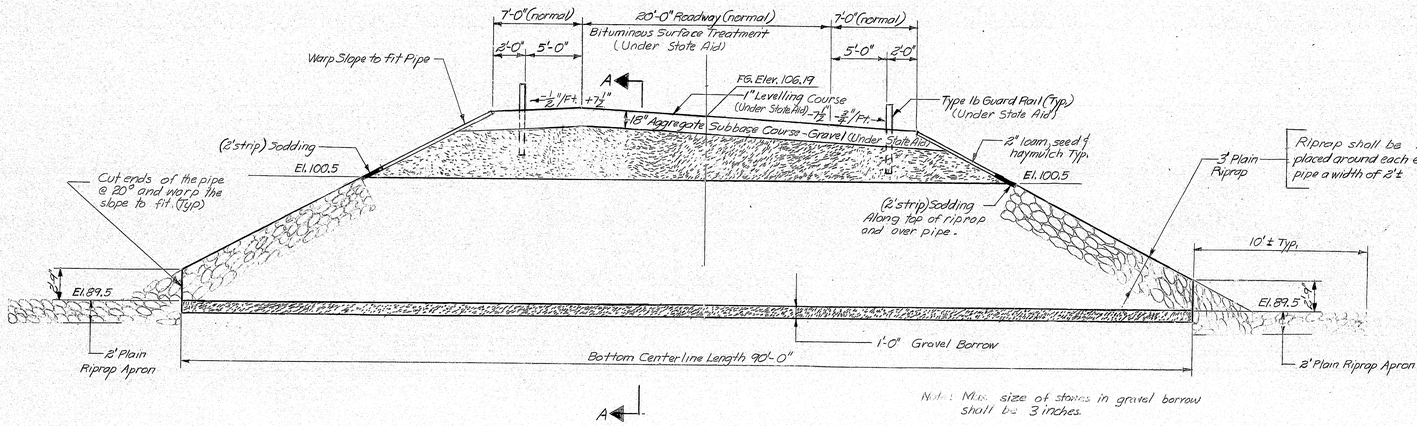
203-1 2080

137-139

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	6305	4	4

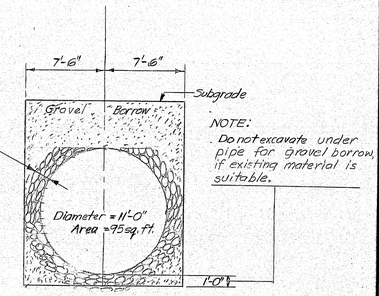


PLAN



Note: Max. size of stones in gravel borrow shall be 3 inches.

TRANSVERSE SECTION
(At Sta. 45+38)



NOTE:
Do not excavate under pipe for gravel borrow, if existing material is suitable.

SECTION A-A

REQUIRED:
One (1) 132" diameter structural plate pipe with 5% vertical elongation.
Use #8 gage for the top plates & #7 gage for the three bottom plates.

PLANS		BY	DATE
DESIGN - DETAILED	CMR	CMR	8/22/73
CHECKED	MMG		9/73
REVISIONS			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MUD MILL BRIDGE
OVER
WILSON STREAM
IN THE TOWN OF
MONMOUTH
KENNEBEC COUNTY
STRUCTURAL PLATE PIPE
SHEET 4 OF 4 AUGUSTA, MAINE **AUG. 1973**

JANUARY 1968

203-1 2060

1:37:30