B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1 (24)	1	116

STATE OF MAINE
STATE HIGHWAY COMMISSION

PLANS

BRUNSWICK
CUMBERLAND COUNTY
MAINE FEDERAL AID PRIMARY
PROJECT NO. F-026-1 (24) CONTRACT NO. 1

TOTAL LENGTH 2.645 MILES

SCALES
- PLAN: 1 IN. = 100 FT.
- PROFILE: HOR. 1 IN. = 100 FT.; VER. 1 IN. = 10 FT.
- CROSS SECTIONS: 1 IN. = 5 FT. (STA. 830+0 TO STA. 935+0 E.B. & W.B.)
  10 FT. (STA. 935+50 - STA. 966+50 E.B., STA. 935+50 - 967+0 W.B.)
  20 FT. (STA. 969+50 - 974+0 E.B. & W.B.)

CONVENTIONAL SIGNS

STATE OR NATIONAL LINE		SURVEY LINE	
COUNTY LINE		CULVERT	
TOWN LINE		DROP INLET	
UNFENCED PROPERTY		TROLLEY POLE	
FENCE		POWER POLE	
RIGHT OF WAY LINE		TEL. POLE	
TRAVELED WAY		MARSH	
RAILROAD		TREES	
RETAINING WALL		STONE WALL	

INDEX OF SHEETS

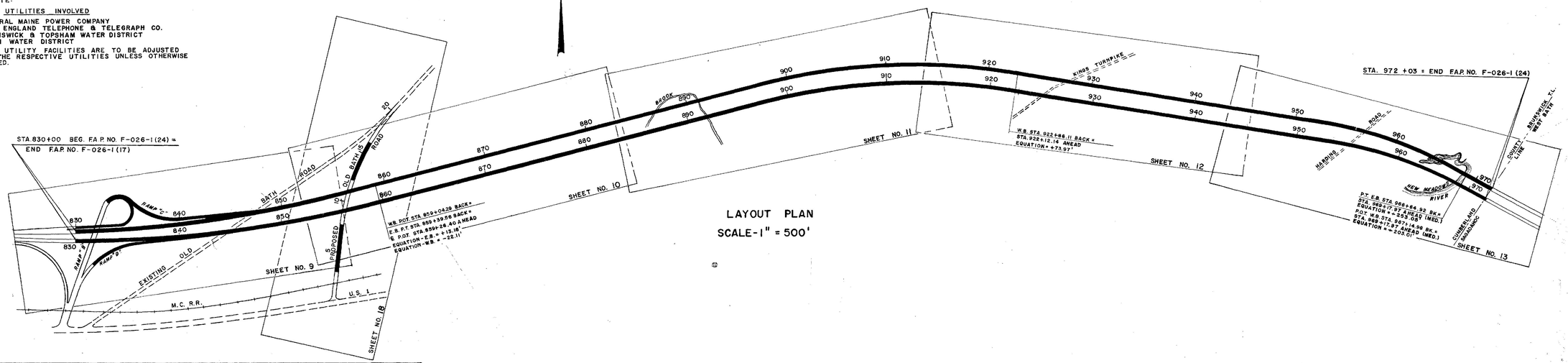
SHEET NO. 1	TITLE PAGE	STA. 830+0 TO 972+03
SHEET NO. 2, 3	TYPICAL SECTIONS	
SHEET NO. 4	QUANTITIES	
SHEET NO. 5-8	STANDARD DETAILS	
SHEET NO. 9-18A	PLAN AND PROFILE	STA. 830+0 - 972+03
SHEET NO. 19-116	CROSS-SECTIONS	STA. 830+0 - 972+03 and Ramps
SHEET NO.	BRIDGES	STA.
SHEET NO.	SPECIAL DETAILS	

NOTE:

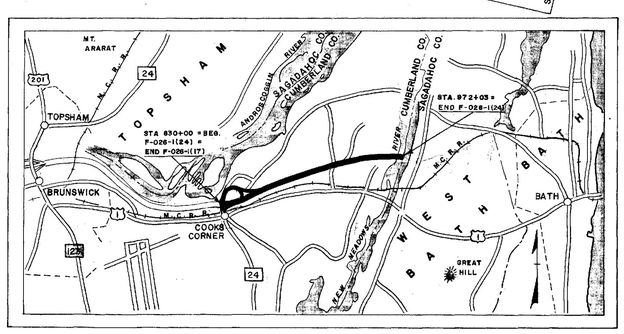
UTILITIES INVOLVED

CENTRAL MAINE POWER COMPANY
NEW ENGLAND TELEPHONE & TELEGRAPH CO.
BRUNSWICK & TOPSHAM WATER DISTRICT
BATH WATER DISTRICT

ALL UTILITY FACILITIES ARE TO BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.



LAYOUT PLAN
SCALE - 1" = 500'



A PORTION OF CUMBERLAND COUNTY SCALE - 1 in. = 1 mi.

TRAFFIC DATA

ADT	1962	7940
ADT	1982	11120
DHV		1668
T		8%
D		60
V		60 mph.

NOTE:

All Work Contemplated Under This Contract To Be Governed By And In Conformity With The Specifications Adopted January 1956 Except As Modified On These Plans And In The Special Provisions.

APPROVED:
MAINE STATE HIGHWAY COMMISSION

	DATE
David B. Stevens, CHAIRMAN	13 June '62
R. Leon Wilbur	13 June '62
[illegible]	13 June '62
[illegible], CHIEF ENGINEER	13 June '62

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION 1

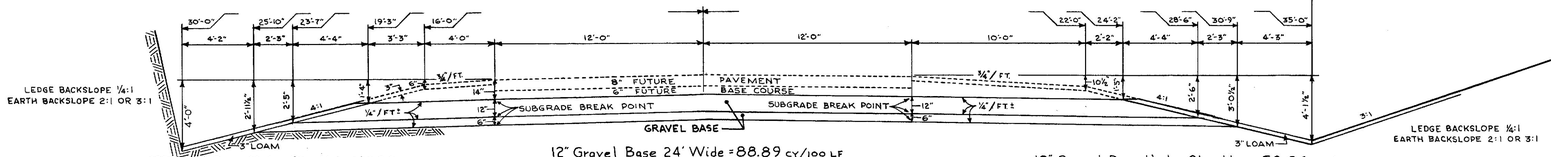
APPROVED:

DIVISION ENGINEER DATE

C. B. CO., NO. 573 17466

STAGE CONSTRUCTION — GRADING AND GRAVEL BASE *

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	2	116

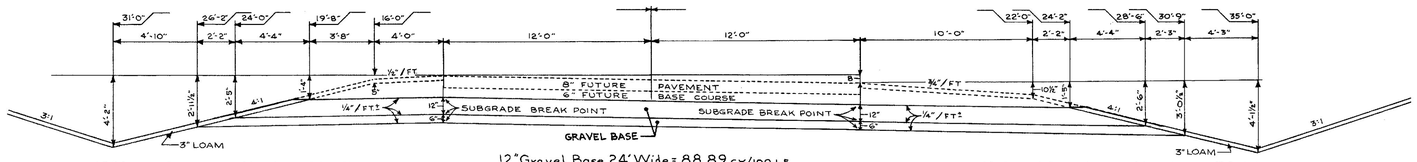


12" Gravel Base Under Shoulder = 34.66 cy/100 LF
18" Gravel Base Under Shoulder = 58.21 cy/100 LF
STA. 855+50 TO 937+25 W.B.
STA 942+75 TO 960+75 W.B.
STA. 831+0 TO 890+0 E.B.
STA. 923+0 TO 930+75 E.B.
STA. 930+75 TO 936+75 E.B.
STA. 942+37.5 TO 960+50 E.B.

12" Gravel Base 24' Wide = 88.89 cy/100 LF
18" Gravel Base 24' Wide = 133.33 cy/100 LF

12" Gravel Base Under Shoulder = 52.96 cy/100 LF
18" Gravel Base Under Shoulder = 85.65 cy/100 LF
STA. 836+0 TO 841+50 W.B.
STA. 848+25 TO 859+0 W.B.
STA. 923+0 TO 937+13 W.B.
STA. 942+75 TO 951+50 W.B.
STA. 848+0 TO 907+25 E.B.
STA. 911+50 TO 929+37.5 E.B.
STA 930+25 TO 939+75 E.B.
STA. 941+25 TO 961+25 E.B.
STA. 907+25 TO 911+50 E.B.
STA 929+37.5 TO 930+25 E.B.
STA 939+75 TO 941+25 E.B.

NORMAL

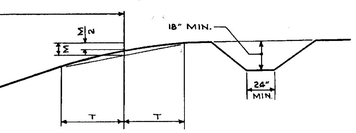


12" Gravel Base Under Shoulder = 36.27 cy/100 LF
18" Gravel Base Under Shoulder = 60.42 cy/100 LF
STA. 830+0 TO 855+50 W.B.
STA. 898+0 TO 909+25 E.B.
STA 910+50 TO 923+0 E.B.

12" Gravel Base 24' Wide = 88.89 cy/100 LF
18" Gravel Base 24' Wide = 133.33 cy/100 LF

12" Gravel Base Under Shoulder = 52.96 cy/100 LF
18" Gravel Base Under Shoulder = 85.65 cy/100 LF

EASTBOUND LANE SUPERELEVATED CURVE TO RIGHT



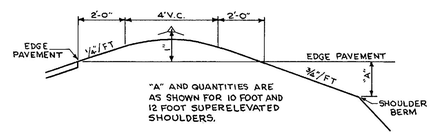
BERM DITCH

Construct berm ditch as shown on the plans or as directed by the engineer.

Where a 2:1 slope is not practical, use a 1½:1 slope.

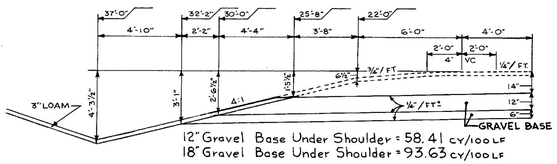
Where "X" = 7 or less, "T" = X-2, otherwise "T" = 5.

To avoid property damage and to save shade trees, this formular may be modified by the engineer.



"A" AND QUANTITIES ARE AS SHOWN FOR 10 FOOT AND 12 FOOT SUPERELEVATED SHOULDERS.

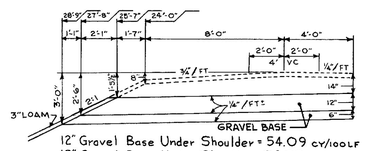
TYPICAL 4 FOOT VERTICAL CURVE
for
ALL SUPERELEVATED ROUNDED SHOULDERS



12" Gravel Base Under Shoulder = 58.41 cy/100 LF
18" Gravel Base Under Shoulder = 93.63 cy/100 LF

SUPERELEVATED 10' SHOULDER

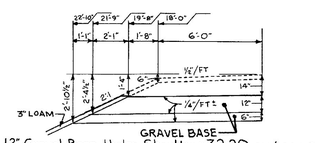
STA. 898+0 TO 923+0 W.B.
STA. 951+50 TO 961+25 W.B.
STA. 830+0 TO 832+0 E.B.



12" Gravel Base Under Shoulder = 54.09 cy/100 LF
18" Gravel Base Under Shoulder = 83.60 cy/100 LF

SUPERELEVATED 12' SHOULDER

STA. 961+25 TO 966+0 W.B.

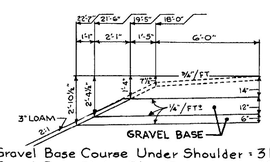


12" Gravel Base Under Shoulder = 32.20 cy/100 LF
18" Gravel Base Under Shoulder = 51.00 cy/100 LF

SUPERELEVATED 6' SHOULDER

STA. 909+25 TO 910+50 E.B.

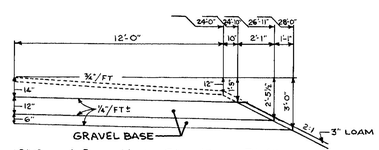
Superelevation shall be as specified in A.A.S.H.O. Policy of Geometric Design of Rural Highways. (e) The maximum superelevation shall not exceed 0.08' per foot width of pavement. All curves shall have full superelevation at the first 50' station occurring a minimum distance of 50' after the P.C. and a minimum distance of 50' before the P.T. When superelevation exceeds ¾" per foot, inside shoulder shall have same slope as pavement.



12" Gravel Base Course Under Shoulder = 31.26 cy/100 LF
18" Gravel Base Under Shoulder = 49.59 cy/100 LF

NORMAL 6' SHOULDER

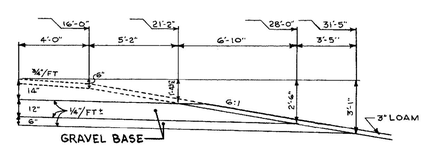
STA. 937+25 TO 942+75 W.B.
STA 936+75 TO 942+37.5 E.B.



12" Gravel Base Under Shoulder = 51.41 cy/100 LF
18" Gravel Base Under Shoulder = 80.61 cy/100 LF

NORMAL 12' SHOULDER

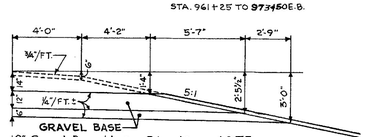
STA. 937+75 TO 942+75 W.B.
STA. 961+25 TO 973+30 W.B.
STA. 961+25 TO 973+50 E.B.



12" Gravel Base Under Shoulder = 46.09 cy/100 LF
18" Gravel Base Under Shoulder = 78.98 cy/100 LF

NORMAL 4' SHOULDER 6:1 SLOPE

STA 965+25 TO 973+50



12" Gravel Base Under Shoulder = 40.75 cy/100 LF
18" Gravel Base Under Shoulder = 68.45 cy/100 LF

NORMAL 4' SHOULDER 5:1 SLOPE

STA. 960+75 TO 965+25 W.B.

NOTE:
For all sections depth of ditch depends on local conditions. Depth of base as shown may be changed to meet local conditions.

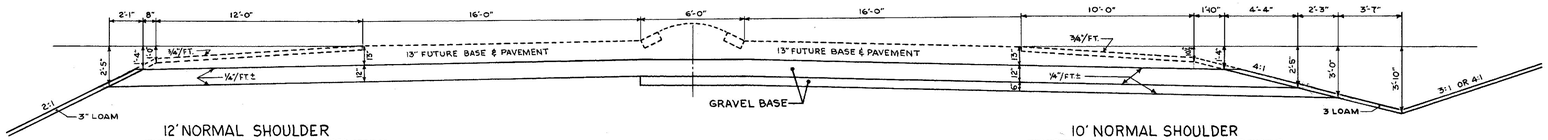
* NOTE:
The pavement and base depths as shown on the plans are intended to be nominal.

GRAVEL BASE DEPTHS

12" GRAVEL BASE COURSE	18" GRAVEL BASE COURSE
STA. 857+25 TO STA. 942+75 E.B.	STA 830+0 TO 857+25 E.B.
STA. 959+25 TO STA 960+0 E. B.	STA. 942+75 TO 959+25 E.B.
STA. 858+25 TO STA. 943+25 W.B.	STA. 830+0 TO 858+25 W.B.
STA. 960+40 TO STA. 965+50 W.B	STA. 943+25 TO 960+40 W.B.

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	3	116

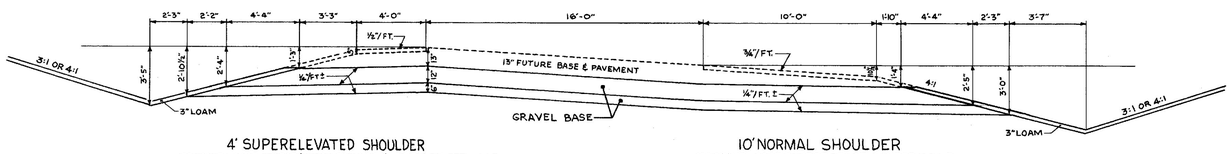
RAMPS B, C, & D *
&
RELOCATED OLD BATH ROAD *



12' NORMAL SHOULDER
12" GRAVEL BASE COURSE = 51.76 C.Y. PER 100 L.F.

10' NORMAL SHOULDER
12" GRAVEL BASE COURSE = 51.67 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE = 84.63 C.Y. PER 100 L.F.

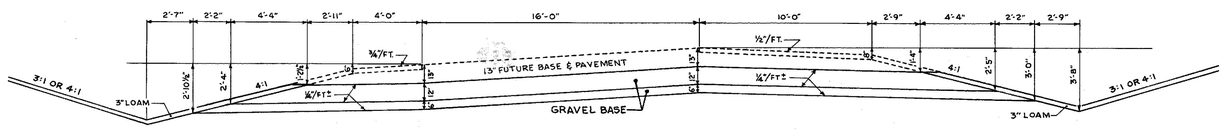
STA. 14+50 TO 25+90 RAMP "B"
STA. 18+00 RAMP "C" TO 848+50 W.B.
STA. 6+85 TO 18+50 RAMP "D"



4' SUPERELEVATED SHOULDER
12" GRAVEL BASE COURSE (UNDER SHOULDER) = 34.66 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 58.01 C.Y. PER 100 L.F.

STA. 17+25 TO 21+00 RAMP "B"
STA. 18+25 TO 23+50 RAMP "C"

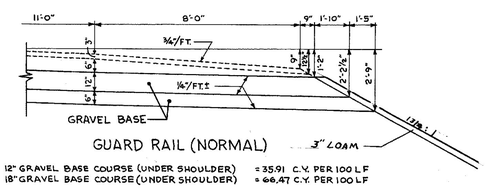
10' NORMAL SHOULDER
12" GRAVEL BASE COURSE = 51.67 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE = 84.63 C.Y. PER 100 L.F.



4' NORMAL SHOULDER
12" GRAVEL BASE COURSE (UNDER SHOULDER) = 34.24 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 57.11 C.Y. PER 100 L.F.

10' SUPERELEVATED SHOULDER
12" GRAVEL BASE COURSE (UNDER SHOULDER) = 55.21 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 89.81 C.Y. PER 100 L.F.

STA. 14+50 TO 18+00 RAMP "C"
STA. 18+50 RAMP "D" TO 847+93 E.B.



GUARD RAIL (NORMAL)

12" GRAVEL BASE COURSE (UNDER SHOULDER) = 35.91 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 66.47 C.Y. PER 100 L.F.

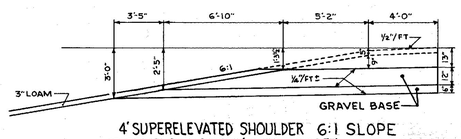
STA. 5+00 TO 7+50 RT. REL. O.B.R.
STA. 12+00 TO 15+00 RT. REL. O.B.R.
STA. 5+50 TO 6+50 LT. REL. O.B.R.

GRAVEL BASE DEPTHS

12" GRAVEL BASE COURSE
STA. 3+00 TO 7+50 RELOCATED OLD BATH ROAD
STA. 12+00 TO 15+00 RELOCATED OLD BATH ROAD

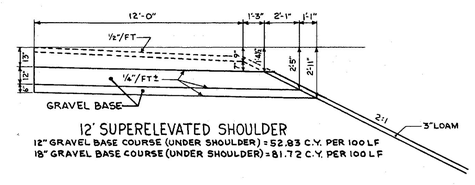
18" GRAVEL BASE COURSE
STA. 14+50 TO 25+90 RAMP "B"
STA. 14+80 RAMP "C" TO 848+50 LT. W.B.
STA. 6+85 RAMP "D" TO 847+93 R.T. E.B.

* NOTE:
The pavement and base depths as shown on the plans are intended to be nominal.

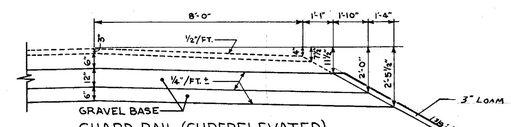


4' SUPERELEVATED SHOULDER 6:1 SLOPE
12" GRAVEL BASE COURSE (UNDER SHOULDER) = 46.09 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 78.98 C.Y. PER 100 L.F.

STA. 6+85 TO 11+50 RAMP "D"



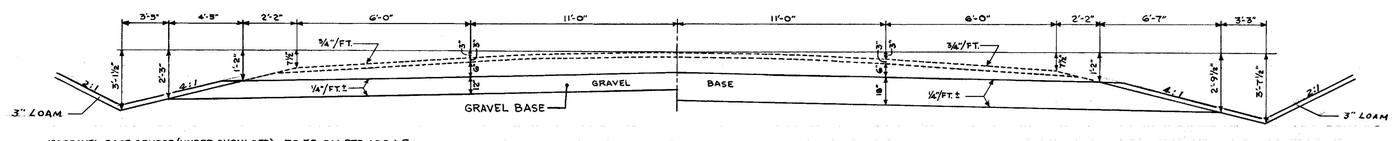
12' SUPERELEVATED SHOULDER
12" GRAVEL BASE COURSE (UNDER SHOULDER) = 52.83 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 81.72 C.Y. PER 100 L.F.



GUARD RAIL (SUPERELEVATED)

12" GRAVEL BASE COURSE (UNDER SHOULDER) = 37.10 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE (UNDER SHOULDER) = 70.12 C.Y. PER 100 L.F.

STA. 6+50 TO 7+50 LT. REL. O.B.R.
STA. 12+00 TO 15+00 LT. REL. O.B.R.



12" GRAVEL BASE COURSE (UNDER SHOULDER) = 38.32 C.Y. PER 100 L.F.
STA. 3+00 TO 5+50 RELOCATED OLD BATH ROAD

NORMAL

12" GRAVEL BASE COURSE, 22' WIDE = 81.48 C.Y. PER 100 L.F.
18" GRAVEL BASE COURSE, 22' WIDE = 122.22 C.Y. PER 100 L.F.

18" GRAVEL BASE COURSE (UNDER SHOULDER) = 63.52 C.Y. PER 100 L.F.
STA. 3+00 TO 5+00

B. P. R. DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	4	116

DRAINAGE

STATION	A.C.C.M.P. LEFT EXTENSION SIZE	A.C.C.M.P. LEFT EXTENSION LENGTH	R.C.P. SIZE	R.C.P. LENGTH	A.C.C.M.P. RIGHT EXTENSION SIZE	A.C.C.M.P. RIGHT EXTENSION LENGTH	A.C.C.M.P. SIZE	A.C.C.M.P. LENGTH	C.M.P. SIZE	C.M.P. LENGTH	CATCH BASINS F	CATCH BASINS G	CATCH BASINS H	CATCH BASINS D	CATCH BASINS E	DROP INLETS A	DROP INLETS B	MAN-HOLES A	MAN-HOLES B	UNDERDRAINS TYPE A	UNDERDRAINS TYPE A	UNDERDRAINS TYPE C SIZE	UNDERDRAINS TYPE C LENGTH	REMARKS
STA 15+0 RAMP "B"													1											
STA 15+75 To 19+40 RAMP "B"																						12	364	
STA 11+0 RAMP "D"											1													
STA 11+0 "D" To 835+89 E.B.			18"	125'																				
STA 835+89, 51.61' LT. E.B. ℄											1													
STA 835+89 E.B. To 19+40 "B"			24"	172'																				
STA 20+50 RAMP "C"											1													
STA 20+50 "C" To 18+75 "B"			18"	199'																				
STA 18+75, 105' Lt. "B"													1											
STA 18+75 To 19+40 "B"			18"	143'																				
STA 19+40-24' RT. RAMP "B"											1													
STA 19+40 To 12+86 "B"			30"	274'																				
STA 12+86-53' RT. RAMP "B"											1													
STA 12+86 To 13+50-105' RT. B.	30"	12'	30"	156'																				Class IV, Plus Culv. Conn. Lt.
STA 844+08 RT. E.B.							18"	114'																Temporary
STA 845+54 LT. E.B.							18"	100'																Temporary
STA 846+97 RT. W.B.							18"	104'																Temporary
STA 848+45 LT W.B.							18"	108'																Temporary
STA 891+0 W.B.	18"	26'	18"	60'	18"	28'																		Plus Culv. Conn. Rt.
STA 893+50 E.B.	24"	24'	24"	60'	24"	20'																		plus Culv. Conn. Rt.
STA 909+65 E.B.	24"	20'	24"	56'	24"	40'																		Plus Culv. Conn. Rt.
STA 910+0 W.B.	24"	28'	24"	68'	24"	28'																		Plus Culv. Conn. Rt.
STA 930+25 Sk'd. Ahd Lt. E.B.	24"	34'	24"	64'	24"	30'																		plus Culv. Conn Lt.
STA 931+25 Sk'd Ahd 30" Lt WB	24"	22'	24"	56'	24"	26'																		Plus Culv. Conn. Lt.
STA 937+12 Sk'd Ahd Lt. E.B.	24"	16'	24"	80'	24"	28'																		Plus Culv. Conn. Lt.
STA 937+42.6 Sk'd Ahd Lt W.B.	24"	16'	24"	68'	24"	28'																		Plus Culv. Conn. Lt.
STA 973+0 E.B.	18"	34'	18"	32'	18"	18'																		Plus Culv. Conn. Rt.
C.B. STA 830+0 To 830+75 Rt. E.B.																				92'				
STA 830+75 To 835+76 Rt E.B.																				501'				
C.B. STA 830+0 To 830+85 Lt E.B																				87'				
STA 830+85 To 835+81 Lt. E.B.																				496'				
C.B. STA 830+0 To 831+15 Rt. W.B.																				121'				
STA 831+15 To 835+75 Rt. W.B																				460'				
C.B. STA 830+0 To 831+0 Lt. W.B.																				128'				
STA 831+0 Lt. W.B. To 19+38 Rt. "B"																				554'				
STA 835+98 To 842+36 Lt W.B.																				638'				Outlet Into 24" R.C.P.
STA 835+89 To 846+50 Rt. W.B.																				1061'				Outlet Into 24" R.C.P.
STA 15+0 Lt. "B" To CB 20+50 "C"																				542'				
C.B. STA 20+50 To 857+80 Lt. W.B.																				1838'				
STA 8+0 To C.B. 11+0 Rt "D"																				302'				
C.B. STA 11+0 To 857+80 Rt. E.B.																				2224'				
STA 13+75 REL. OLD BATH RD.	24"	16'	24"	92'	24"	12'																		CL. IV Plus Culv. Conn. Lt.
STA 14+25 REL. OLD BATH RD.							24"	50'																
STA 835+83 To 844+50 Lt. E.B.																				867'				Outlet Into 18" R.C.P.
STA 855+20 Rt E.B. To 857+72 Lt. E.B.																				265'				
STA 958+65 Rt. To 959+65 Rt. E.B.																				100'				
STA 959+90 To 960+30 Lt. W.B.																				40'				
STA 942+70 To 943+08 Rt. E.B.																				38'				
STA 943+60 To 944+10 Rt. E.B.																				50'				
STA 945+59 To 946+39 Rt. E.B.																				80'				
STA 934+94 To 936+0 Rt. W.B.																				106'				
STA 934+92 To 936+0 Lt. W.B.																				108'				
STA 855+38 Lt To 857+91 Rt. W.B.																				265'				
STA 962+50 W.B.	18"	12'	18"	64'	18"	32'																		Plus Culv. Conn. Lt.
STA 901+0 E.B.	24"	20'	24"	56'	24"	20'																		Plus Culv. Conn. Rt.
STA 901+0 W.B.	18"	20'	18"	52'	18"	18'																		Plus Culv. Conn. Rt.
STA 841+93 Rt. To 841+63 Lt. E.B.							6"	53'																
STA. 940+68 E.B.	18"	14'	18"	76'	18"	14'																		PLUS CULV. CONN. LT.
STA 940+17 W.B.	18"	12'	18"	88'	18"	14'																		

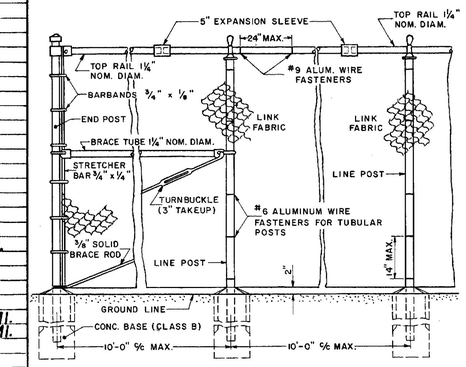
PLUS CULV. CONN. LT.

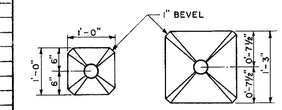
SUMMARY GRANULAR BORROW ESTIMATE

1. REPLACE UNDERCUT CLAY 14,174 CU. YDS.
2. 3" MAT ON BOTTOM OF NEW MEADOWS RIVER 25,457 CU. YDS.
3. TOTAL EMBANKMENT STA. 973+50 TO 974+0 13,526 CU. YDS.
4. TOTAL ESTIMATE 53,157 CU. YDS.
5. TOTAL QUANTITY REQUIRED 53,157 X 1.15 = 61,130 CU. YDS.
6. UNDERMINED LOCATIONS 8,870 CU. YDS.
7. BID QUANTITY 70,000 CU. YDS

ESTIMATED QUANTITIES

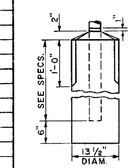
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201-5	CLEARING	55.35	Acres
201-6	SELECTIVE CLEARING & THINNING	37.97	Acres
202-5	REMOVING TREES (9"-24")	5 1/2	Each
202-6	REMOVING TREES (over 24")	2	Each
203-11	UNCLASSIFIED EXCAVATION	397,499	C.Y.
	EXCAVATION FOR SLOPE GRAVEL BLANKET	1298	C.Y.
204-10	STRUCTURAL EARTH EXCAVATION DRAINAGE	8161	C.Y.
	STRUCTURAL ROCK EXCAVATION DRAINAGE	488.8	C.Y.
205-8	COMMON BORROW	365,695	C.Y.
205-9	GRANULAR BORROW	96,626	C.Y.
207-10	MACHINE AERATING	0	Hrs.
209-6	BULLDOZER GRADING (Including Operator)	31/2	Hrs.
209-7	GRADER RENTAL (Including Operator)	122 1/4	Hrs.
209-8	ALL PURPOSE EXCAVATOR (Inc'l OPERATOR)	531/4	Hrs.
209-9	TRUCK RENTAL (Including Operator)	122	Hrs.
302-7	GRAVEL BASE COURSE - IN PLACE MEASURE	69,110	C.Y.
	GRAVEL BASE COURSE FOR SLOPE BLANKET	1298	C.Y.
308-5	OVERHAUL (IN PLACE MEASURE)	422,448	YD. MI.
308-6	OVERHAUL (PIT MEASURE)	422,040	YD. MI.
309-5	STRIPPING PITS	15,886	C.Y.
310-6	SPRINKLING	10.3	UNITS
311-6	CALCIUM CHLORIDE	4.35	TONS
401-11	GRAVEL SURFACE COURSE	0	C.Y.
501-7	ROAD TAR	0	GALS.
602-12	18" ASPHALT COATED CORR. METAL PIPE	757	L.F.
602-14	24" ASPHALT COATED CORR. METAL PIPE	501	L.F.
602-15	30" ASPHALT COATED CORR. METAL PIPE	13	L.F.
603-12	18" REINFORCED CONC. PIPE CLASS III	715	L.F.
603-13	24" REINFORCED CONC. PIPE CLASS III	744	L.F.
603-14	30" REINFORCED CONC. PIPE CLASS III	278	L.F.
603-23	30" REINFORCED CONC. PIPE CLASS IV	160	L.F.
605-26	CATCH BASINS TYPE "F"	7 1/4	Each
605-28	CATCH BASINS TYPE "H"	2	Each
606-10	UNDERDRAIN TYPE "B"	10,975	L.F.
606-11	12" UNDERDRAIN TYPE "C"	364	L.F.
606-16	UNDERDRAIN OUTLETS	612	L.F.
701-54	PORTLAND CEMENT FOR RIPRAP GROUT	42	BBLS
905-35	GUARD POSTS - TYPE "A"	33	Each
906-18	FENCING - METAL POSTS	5346	L.F.
906-21	DRIVE GATEWAYS (METAL) 16 FEET	4	Each
906-25	48" CHAIN LINK FENCE	1423.9	L.F.
907-10	HAND LAID RIPRAP	301.4	C.Y.
908-8	LOAM EXCAVTION	0	C.Y.
908-9	LOAM BORROW	20,413	C.Y.
909-7	SODDING	182	SQ. YDS.
909-9	JUTE MATTING - WEAVE "H"	6457	SQ. YDS.
910-13	SEEDING - METHOD NO 2	1930.9	UNITS
912-7	HAY MULCH	99.26	TONS
913-7	ASPHALT MULCH BINDER	6881	GALS.
914-6	PROJECT MARKERS	0	EACH
915-6	RIGHT OF WAY MONUMENTS	56	EACH
915-7	REMOVE & RESET RIGHT OF WAY MONUMETS	0	EACH
915-8	SURVEY MARKERS	12	EACH
916-6	UNDERDRAIN OUTLET MARKERS	8	EACH
917-7	HAND LABOR-STRAIGHT TIME	1241 1/2	HRS
926-7	REMOVAL OR RAZING BUILDINGS NO. 1	L.S.	L.S.
926-8	REMOVAL OR RAZING BUILDINGS NO. 2	0	L.S.
926-9	REMOVAL OR RAZING BUILDINGS NO. 3	L.S.	L.S.
926-10	REMOVAL OR RAZING BUILDINGS NO. 4	L.S.	L.S.
926-11	REMOVAL OR RAZING BUILDINGS NO. 5	0	L.S.
926-12	REMOVAL OR RAZING BUILDINGS NO. 6	0	L.S.
926-13	REMOVAL OR RAZING BUILDINGS NO. 7	0	L.S.
926-14	REMOVAL OR RAZING BUILDINGS NO. 8	L.S.	L.S.
926-15	REMOVAL OR RAZING BUILDINGS NO. 9	L.S.	L.S.
938-1	WARNING LIGHTS & ILLUMINATING SIGNS	2	GROUP





PORTLAND CEMENT CONCRETE (CLASS B)

NOTE: ROUND BASES MAY BE SUBSTITUTED FOR THE SQUARE BASES SHOWN BY USING FIBRE TUBULAR FORMS. SUBSTITUTIONS SHALL BE AS FOLLOWS: 13 1/2" I.D. ROUND FOR 12" SQUARE OR 15" SQUARE.



LINE, GATE AND END POST BASE

48" CHAIN LINK FENCE

SUMMARY OF EARTH EXCAVATION — LEDGE EXCAVATION AND BORROW QUANTITIES

EARTH EXCAVATION FOR ESTIMATE

EARTH EXCAVATION (FROM CROSS SECTIONS)	233,303 CY	
GRUBBING IN FILL SECTIONS	14,346 CY	
UNDERCUT CLAY	14,174 CY	
(1) TOTAL EARTH EXCAVATION	255,813	255,813

FILL FOR COMMON BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	361,201	
GRUBBING (FILL AREAS)	11,232	
(2) TOTAL FILL	372,433	372,433

LEDGE EXCAVATION FOR ESTIMATE

LEDGE EXCAVATION (TO 1/4:1 BACKSLOPE)	73,622	
LEDGE EXCAVATION (BETWEEN 1/4:1 & 1/2:1 BACKSLOPE)	4,825	
TOTAL LEDGE EXCAVATION	78,447	78,447

AVAILABLE EARTH EXCAVATION FOR COMMON BORROW CALCULATIONS

(1) TOTAL EARTH EXCAVATION		255,813
DEDUCTIONS		
GRUBBING IN CUT AREAS	14,887	
GRUBBING IN FILL AREAS	12,336	
LOAM IN CUT AREAS	3,888	
50% OF UNDERCUT	7,087	
TOTAL DEDUCTIONS	38,098	38,098
TOTAL AVAILABLE EARTH EXCAV. (TOTAL EARTH EXCAV. MINUS TOTAL DEDUCT.)		221,715

COMPUTATION OF COMMON BORROW FOR ESTIMATE

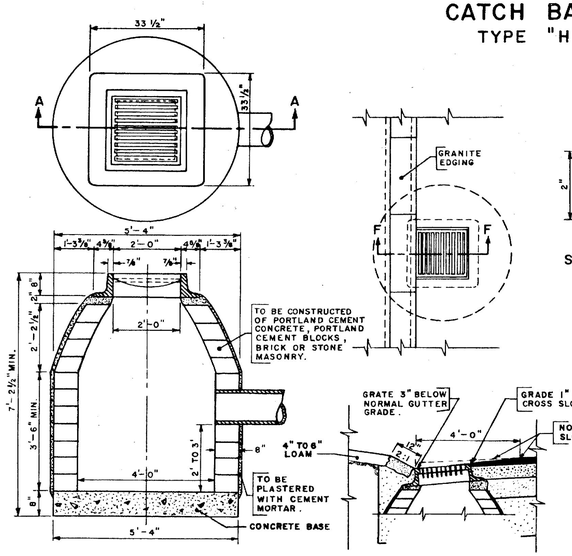
(2) TOTAL FILL			372,433
TOTAL AVAILABLE EARTH	221,715	X 0.75 =	166,286
TOTAL AVAILABLE LEDGE	73,447	X 1.33 =	97,597
TOTAL AVAILABLE EARTH & LEDGE		264,203	*463,740
(3) TOTAL FILL MINUS TOTAL AVAILABLE EARTH & LEDGE			169,693
COMMON BORROW = (3)	169,693	X 1.25 =	212,117

*80,463 CU. YDS. OF AVAILABLE LEDGE TO BE USED IN NEW MEADOWS RIVER EMBANKMENT.

C. B. CO., NO. 375 17484

B.P.R. REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	5	116

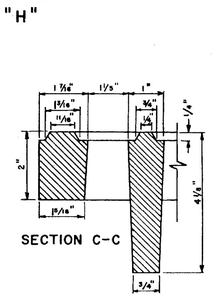
CATCH BASIN TYPE "H"



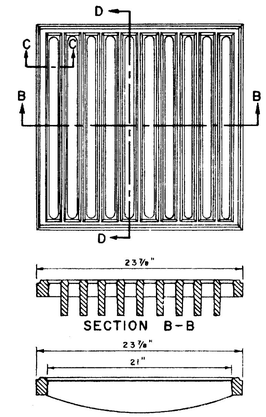
SECTION A-A

SECTION F-F

DETAIL OF CATCH BASIN IN GRANITE EDGING AREA



SECTION C-C

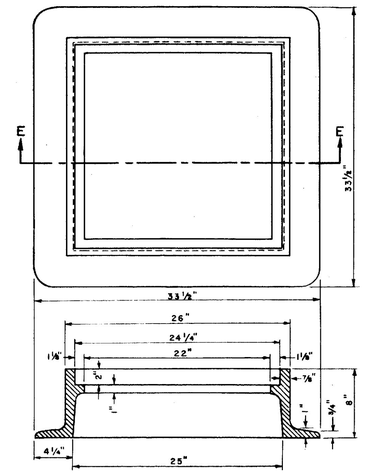


SECTION B-B

SECTION D-D

GRATE

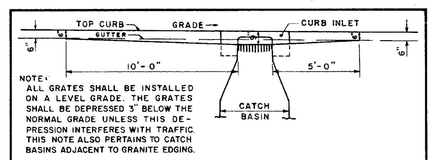
(Weight ···· 219 lbs.)



SECTION E-E

FRAME

(Weight ···· 295 lbs.)

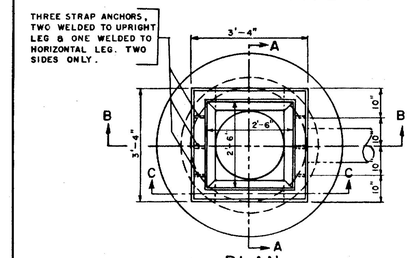


NOTE:
ALL GRATES SHALL BE INSTALLED ON A LEVEL GRADE. THE GRATES SHALL BE DEPRESSED 3" BELOW THE NORMAL GRADE UNLESS THIS DEPRESSION INTERFERES WITH TRAFFIC. THIS NOTE ALSO PERTAINS TO CATCH BASINS ADJACENT TO GRANITE EDGING.

GUTTER GRADE TRANSITION AT CATCH BASINS

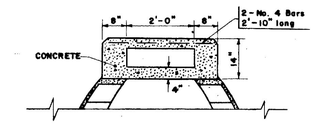
Note: When this type of catch basin is used with sloped or straight curb, the curb on gutter line shall be cut to fit flange.

CATCH BASIN TYPE "F"

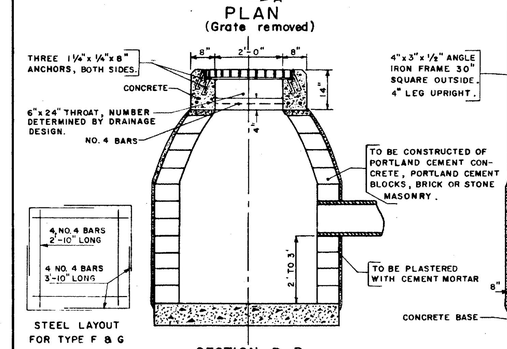


PLAN

(Grate removed)

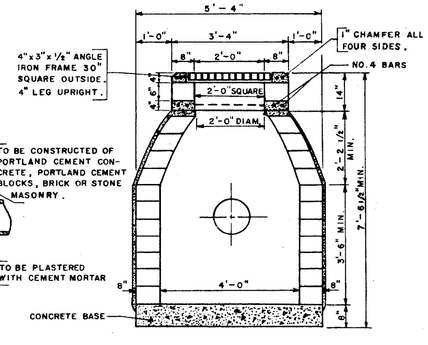


SECTION C-C



STEEL LAYOUT FOR TYPE F & G

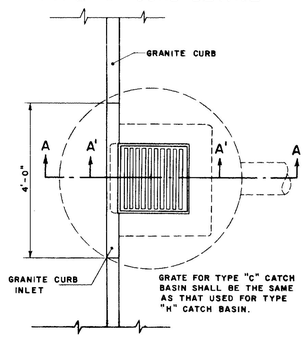
SECTION B-B



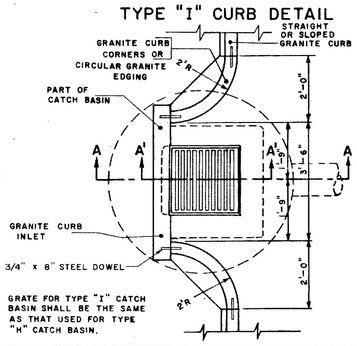
SECTION A-A

NOTE: TYPE "F" GRATE TO BE SAME AS TYPE "G"

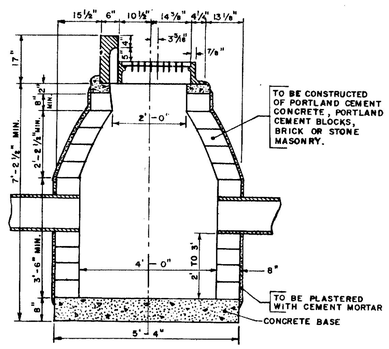
TYPE "C" CURB DETAIL



TYPE "I" CURB DETAIL

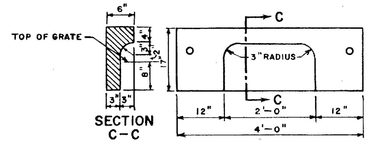


CATCH BASIN TYPE "C" AND "I"



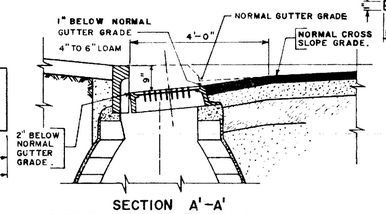
SECTION A-A

NOTE: INSTALL INLET AND OUTLET PIPES AT THE SAME ELEVATION.



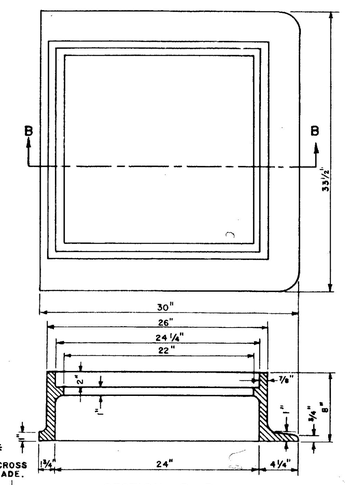
SECTION C-C

GRANITE CURB INLET



SECTION A'-A'

DETAIL OF CATCH BASIN IN SLOPED CURB AREA

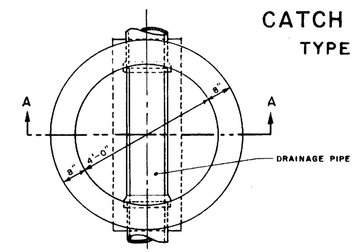


SECTION B-B

FRAME

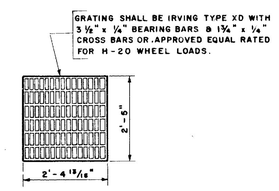
(Weight ···· 264 lbs.)

CATCH BASIN TYPE "G"



PLAN

(Grate and frame removed)

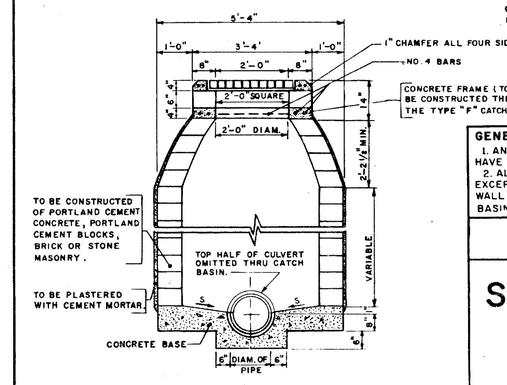


GRATE

FRAME & GRATE SHALL BE GALVANIZED AFTER FABRICATION.

GRATE FOR TYPE "G" CATCH BASIN SHALL BE THE SAME AS THAT USED FOR TYPE "F" CATCH BASIN.

GRATE WITH CAST IRON FRAME MAY BE USED IN LIEU OF CONCRETE AS SHOWN.



SECTION A-A

GENERAL NOTE:

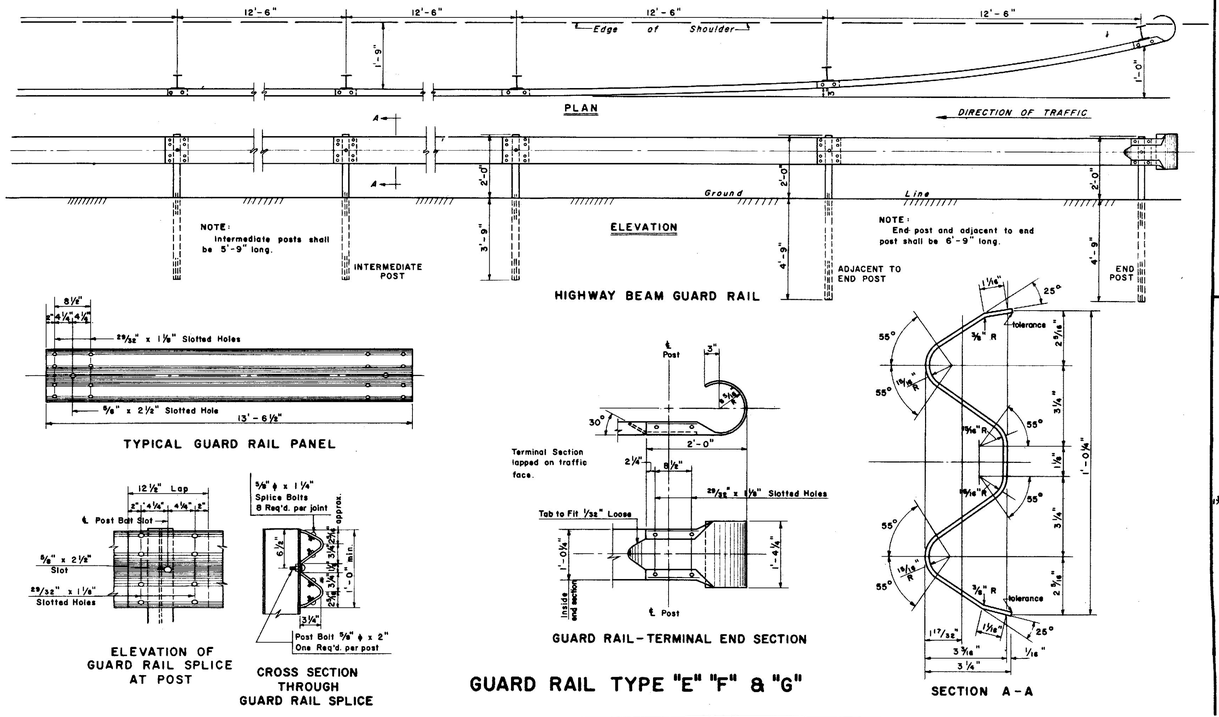
1. ANY CATCH BASIN IN EXCESS OF 8' IN DEPTH SHALL HAVE STEPS SIMILAR TO THOSE DETAILED FOR MANHOLES
2. ALL PIPES INSTALLED THROUGH CATCH BASINS WALLS, EXCEPT TYPE "G", SHALL BE FLUSH WITH INSIDE WALL AND THIS WORK WILL BE INCIDENTAL TO CATCH BASINS.

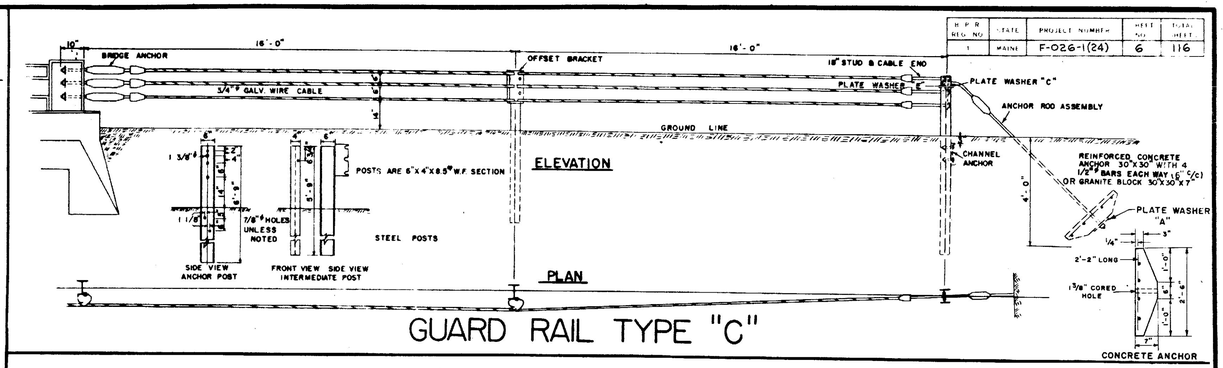
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

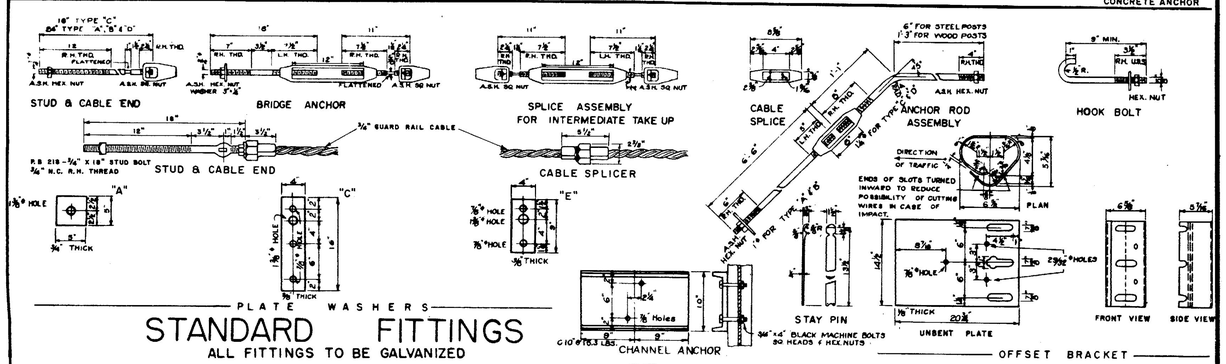
CATCH BASINS

B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEET
1	MAINE	F-026-1(24)	6	116

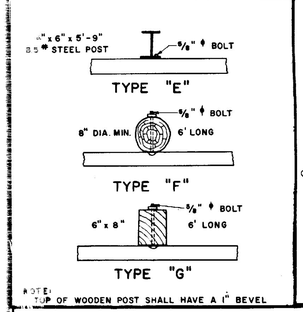


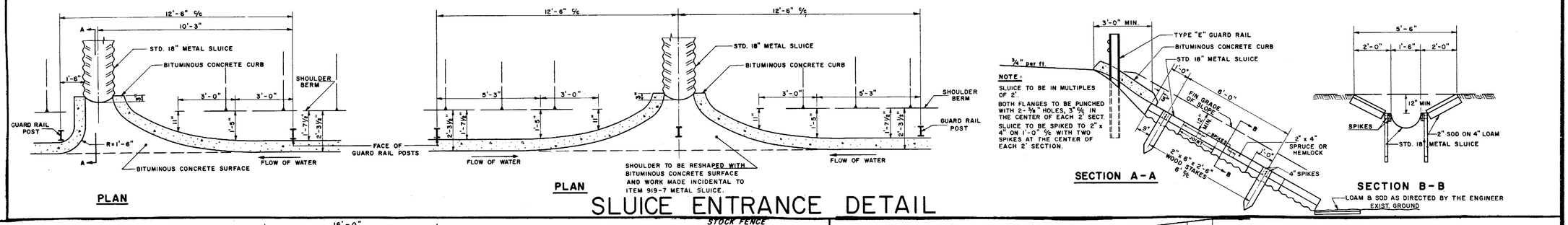


GUARD RAIL TYPE "C"

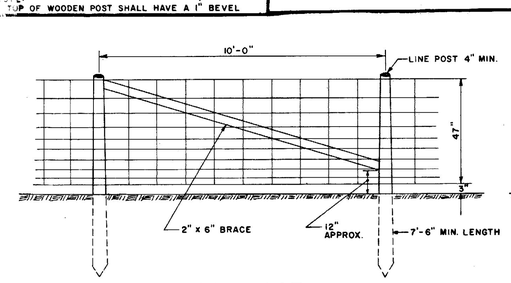


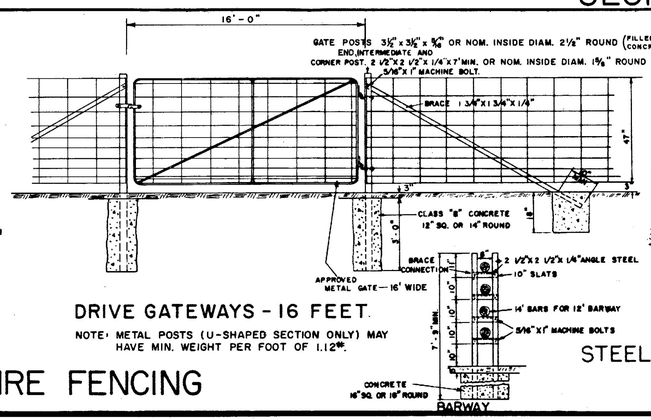
NOTE: ALL TURNBUCKLES SHALL BE INSTALLED MIDWAY OF THE THREADED PORTION OF EACH ROD.



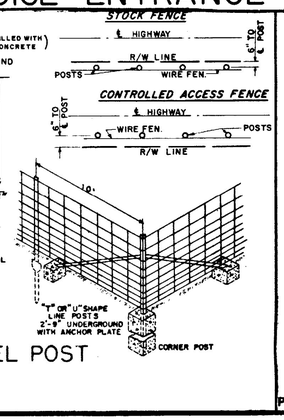


SLUICE ENTRANCE DETAIL

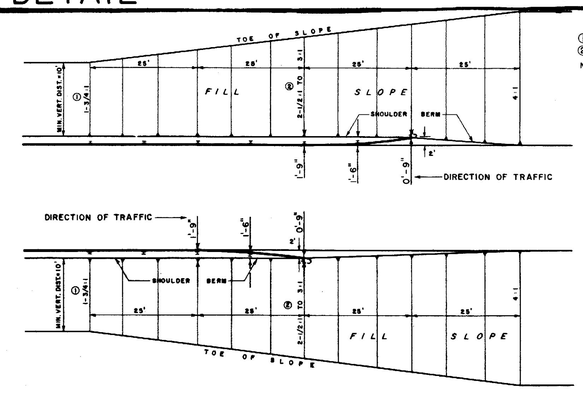




WOVEN WIRE FENCING



STEEL POST



① 2:1 Slope For Interstate
② Approx. 3:1 Slope For Interstate

NOTE: In transitioning from fill to cut or cut to fill shoulder transition remains the same but slope transition must change to meet local conditions.

NOTE: All guard rail offset dimensions are from shoulder berm to face of guard rail post.

PLAN VIEWS OF TYPICAL BEAM TYPE GUARD RAIL FLARE, SHOULDER AND SLOPE TRANSITIONS

MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

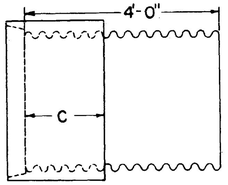
STANDARD DETAILS

GUARD RAIL & FITTINGS
WIRE FENCING, METAL SLUICE AND PLANK CURB

2-62

B.P.R. REG. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	7	116

PIPE CONNECTIONS

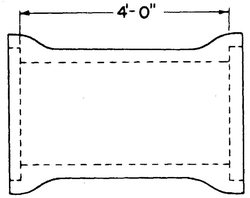


GROOVE END COMBINATION

For 30" to 72", inclusive, diameter connection between concrete and metal pipe

"C" = 17" min. for sizes 30" to 48" incl.
"C" = 23" min. for sizes over 48"

Asphalt coated corrugated metal pipe shall conform to the latest standard specifications

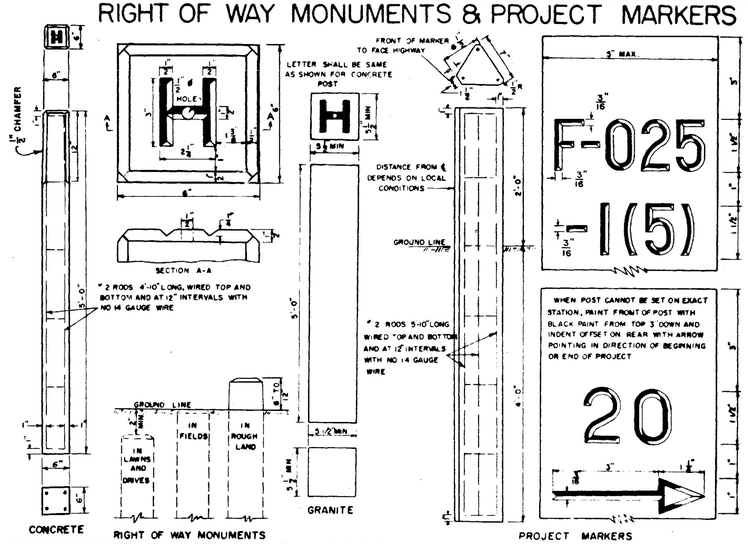


REINFORCED CONCRETE PIPE CONNECTOR DOUBLE BELL

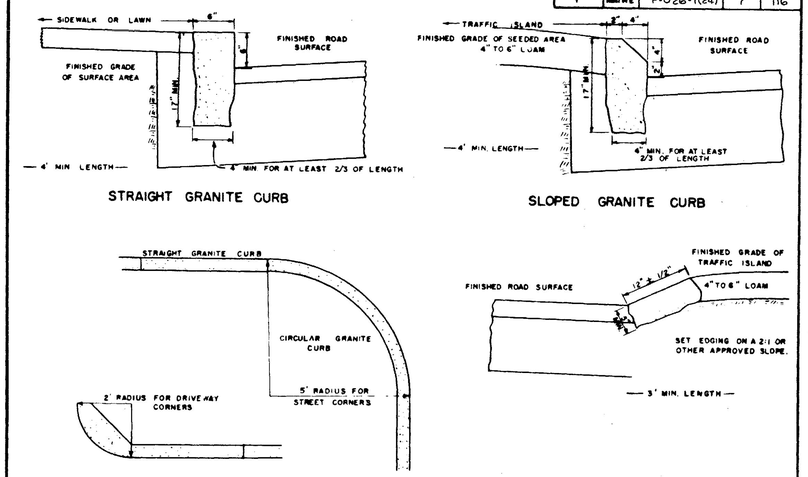
For 12" to 24", inclusive, diameter connection between concrete and metal pipe

Reinforced concrete pipe shall conform to the latest standard specifications

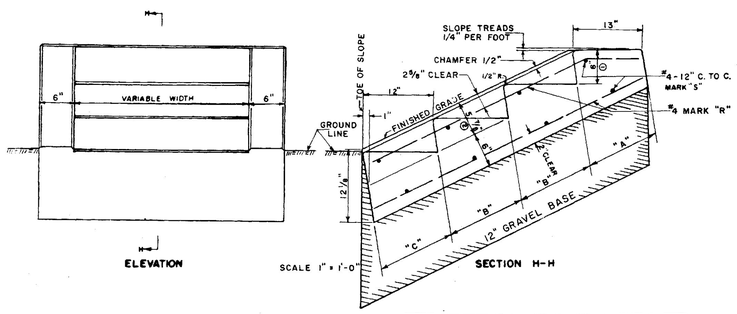
RIGHT OF WAY MONUMENTS & PROJECT MARKERS



GRANITE CURB & EDGING



CONCRETE STEPS



CONCRETE CLASS "A"		
SECTION	STEPS PER FT. OF WIDTH	PARAPET EACH WALL
"A" HEADER	.030 CU. YDS.	.015 CU. YDS.
"B" EA. INTER ST.	.030 CU. YDS.	.020 CU. YDS.
"C" FOOTER	.030 CU. YDS.	.020 CU. YDS.

6" RISE - 12" TREAD (2:1 SLOPE)

REINFORCING STEEL			
MARK	SIZE	NUMBER	LENGTH (EACH)
R	#4 .668 LBS. PER FT.	2 EACH PARAPET 1 EACH FT. OF WIDTH	11" FOR "A" +13.4" FOR EACH "B" +12" FOR "C"
S	#4 .668 LBS. PER FT.	2 FOR "A" 2 FOR EACH "B" 2 FOR "C"	4" EACH PARAPET +12" PER FT. OF WIDTH

PAY ITEMS

ITEM NO.	DESCRIPTION
204-10	Struct. earth excav. - drain.
204-11	Struct. rocks excav. - drain.
302-14	Gravel for foundations
701-47	Portland cement
705-13	Reinforcing steel, delivered
705-14	Reinforcing steel, placed
904-11	Reinforced concrete steps

NOTE:
To determine the quantity of *"Structural Excavation"* for payment refer to the *"Standard Specifications"* section 204-6D, structural earth and rock excavation-abutments and retaining wall or piers.

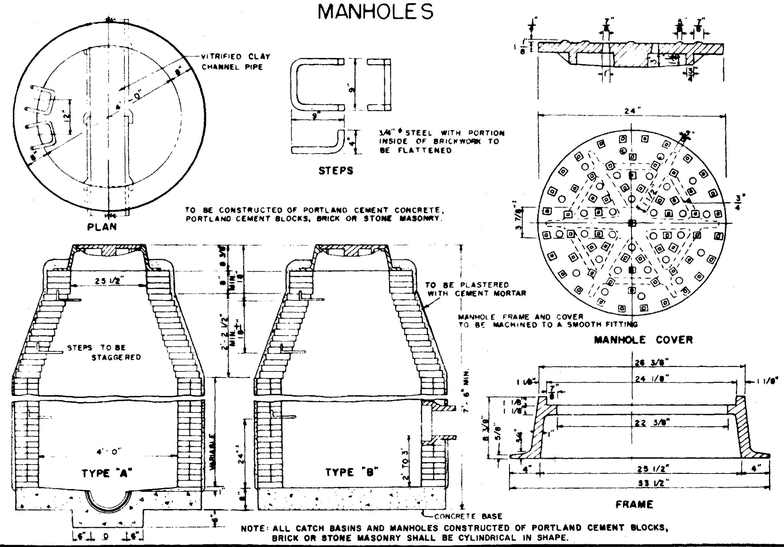
CONCRETE CLASS "A"		
SECTION	STEPS PER FT. OF WIDTH	PARAPET EACH WALL
"A" HEADER	.035 CU. YDS.	.018 CU. YDS.
"B" EA. INTER ST.	.035 CU. YDS.	.024 CU. YDS.
"C" FOOTER	.035 CU. YDS.	.024 CU. YDS.

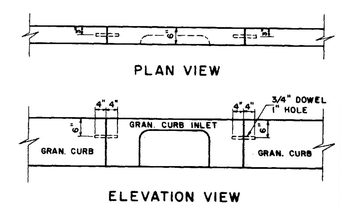
8" RISE - 12" TREAD (1½:1 SLOPE)

REINFORCING STEEL			
MARK	SIZE	NUMBER	LENGTH (EACH)
R	#4 .668 LBS. PER FT.	2 EACH PARAPET 1 EACH FT. OF WIDTH	11" FOR "A" +14 7/8" FOR EACH "B" +12" FOR "C"
S	#4 .668 LBS. PER FT.	2 FOR "A" 2 FOR EACH "B" 2 FOR "C"	4" EACH PARAPET +12" PER FT. OF WIDTH

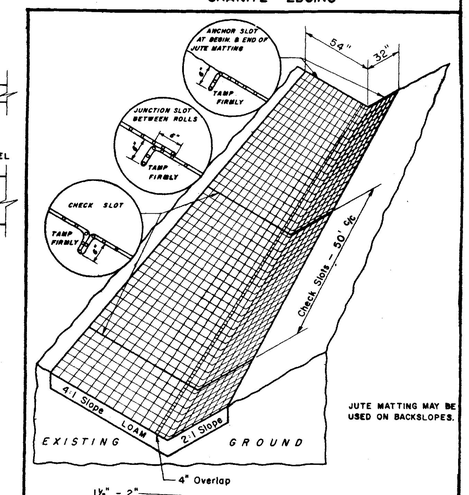
① = 8"
② = 7 ¼"

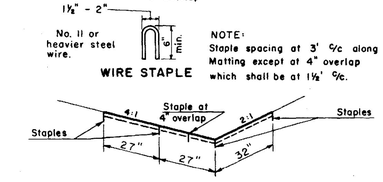
MANHOLES





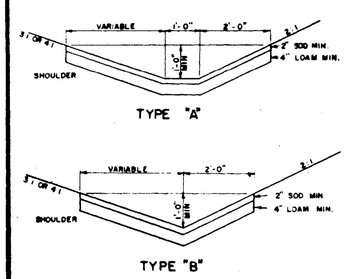
GRANITE CURB INLET DOWEL DETAIL



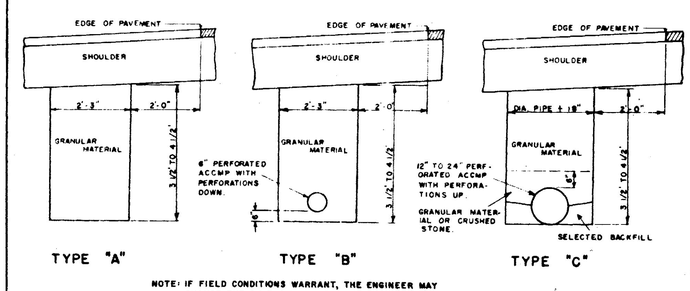


JUTE MATTING - DITCH SECTION

SODDED GUTTER



UNDERDRAIN



NOTE: IF FIELD CONDITIONS WARRANT, THE ENGINEER MAY CHANGE THE DIMENSIONS DETAILED ABOVE.

MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

MISCELLANEOUS ITEMS

B. P. R. REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	8	116

BENDS AND BANDS for A.C.C.M.P. MEDIAN DRAINAGE

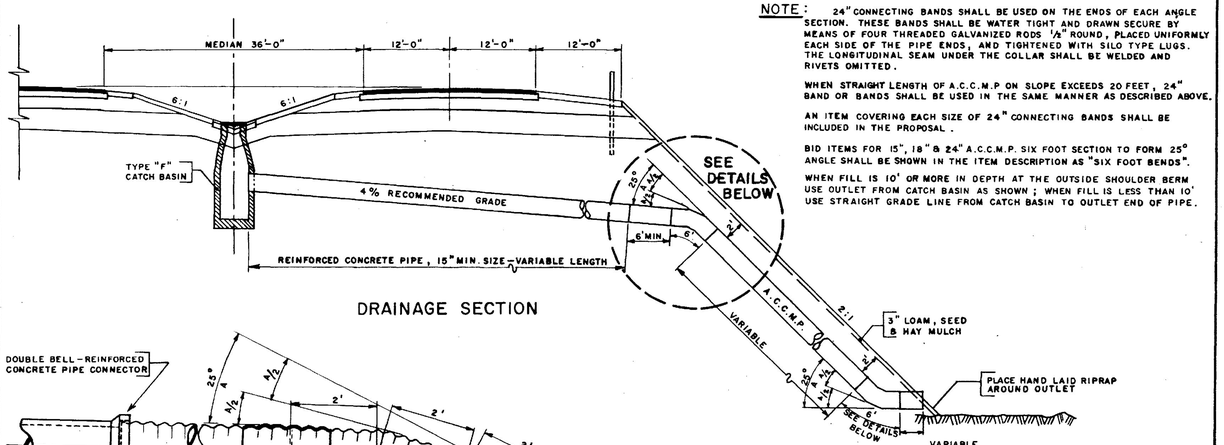
NOTE: 24" CONNECTING BANDS SHALL BE USED ON THE ENDS OF EACH ANGLE SECTION. THESE BANDS SHALL BE WATER TIGHT AND DRAWN SECURE BY MEANS OF FOUR THREADED GALVANIZED RODS 1/2" ROUND, PLACED UNIFORMLY EACH SIDE OF THE PIPE ENDS, AND TIGHTENED WITH SILO TYPE LUGS. THE LONGITUDINAL SEAM UNDER THE COLLAR SHALL BE WELDED AND RIVETS OMITTED.

WHEN STRAIGHT LENGTH OF A.C.C.M.P ON SLOPE EXCEEDS 20 FEET, 24" BAND OR BANDS SHALL BE USED IN THE SAME MANNER AS DESCRIBED ABOVE.

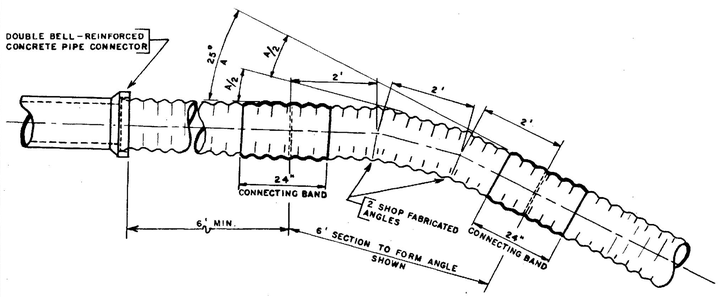
AN ITEM COVERING EACH SIZE OF 24" CONNECTING BANDS SHALL BE INCLUDED IN THE PROPOSAL.

BID ITEMS FOR 15", 18" & 24" A.C.C.M.P. SIX FOOT SECTION TO FORM 25° ANGLE SHALL BE SHOWN IN THE ITEM DESCRIPTION AS "SIX FOOT BENDS".

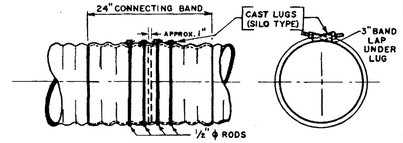
WHEN FILL IS 10' OR MORE IN DEPTH AT THE OUTSIDE SHOULDER BERM USE OUTLET FROM CATCH BASIN AS SHOWN; WHEN FILL IS LESS THAN 10' USE STRAIGHT GRADE LINE FROM CATCH BASIN TO OUTLET END OF PIPE.



DRAINAGE SECTION

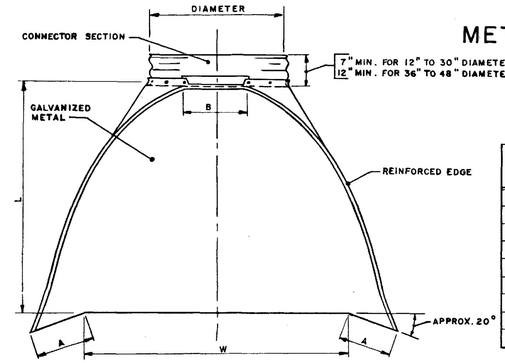


DETAIL OF SIX-FOOT BENDS



DETAIL OF 24" CONNECTING BANDS

METAL ENDWALLS



PLAN

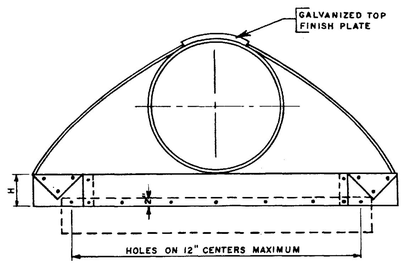
PIPE DIAM.	GAUGE	DIMENSIONS				
		A 1" TOL.	B MAX.	H 1" TOL.	L 1 1/2" TOL.	W 2" TOL.
12"	18	4 3/4"	6"	6"	21"	24"
15"	16	6"	8"	6"	26"	30"
18"	16	7"	9"	6"	31"	36"
21"	16	8 1/4"	11"	6"	36"	42"
24"	14	9 1/2"	12"	6"	42"	48"
30"	14	12"	15"	7 1/2"	52 1/2"	60"
36"	12	14"	18"	9"	63"	72"
42"	12	16"	21"	10 1/2"	73 1/2"	84"

TOE PLATE TO BE PUNCHED TO MATCH HOLES IN SKIRT LIP. LENGTH OF TOE PLATE IS W+10" FOR 12" TO 30" DIAMETER PIPE, INCLUSIVE, AND W+22" FOR 36" TO 42" DIAMETER PIPE INCLUSIVE.

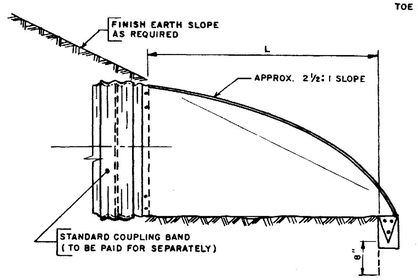
SKIRT SECTION FOR 12" TO 24" DIAMETER PIPE, INCLUSIVE, TO BE MADE IN ONE PIECE. SKIRT SECTION FOR 30" TO 48" DIAMETER PIPE MAY BE MADE FROM TWO SHEETS JOINED BY RIVETING OR BOLTING ON CENTERLINE.

CONNECTOR SECTION, CORNER PLATE AND TOE PLATE TO BE SAME GAUGE AS SKIRT AND EACH TO BE GALVANIZED.

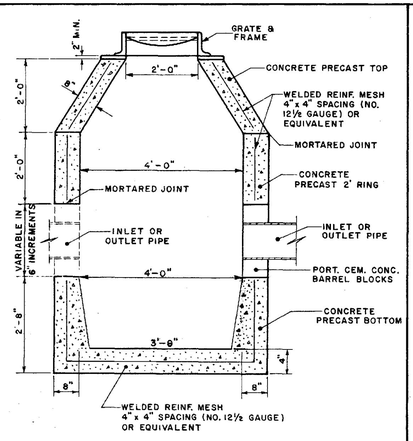
TOE PLATE TO BE INCLUDED IN UNIT COST.



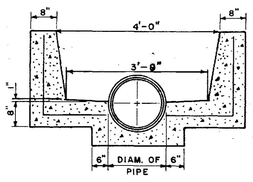
ELEVATION



SIDE ELEVATION

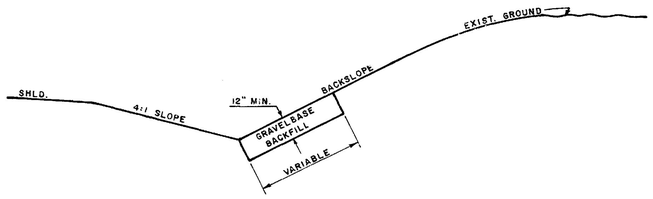


PRECAST PORTLAND CEMENT CONCRETE CATCH BASINS
TYPES C, F, H & I - MANHOLE TYPE B

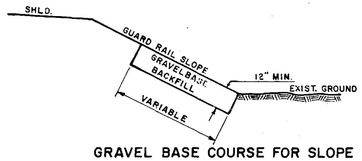


PRECAST PORTLAND CEMENT CONCRETE CATCH BASIN TYPE G MANHOLE TYPE A

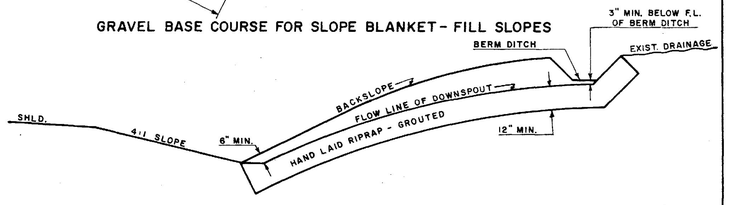
NOTE:
THE THREE SECTIONS DETAILED BELOW SHALL BE USED WHEN DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS.



GRAVEL BASE COURSE FOR SLOPE BLANKET - BACKSLOPES

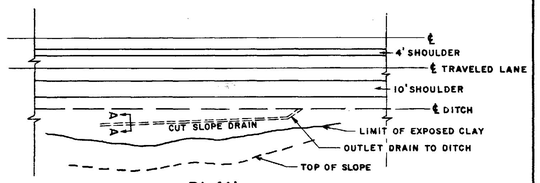


GRAVEL BASE COURSE FOR SLOPE BLANKET - FILL SLOPES

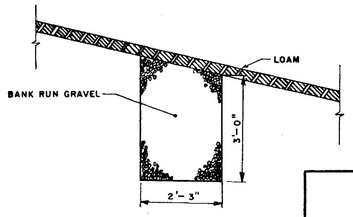


HAND LAID RIPRAP GROUTED DOWNSPOUT

CUT SLOPE DRAIN

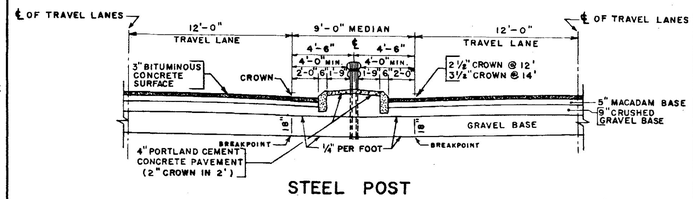


PLAN

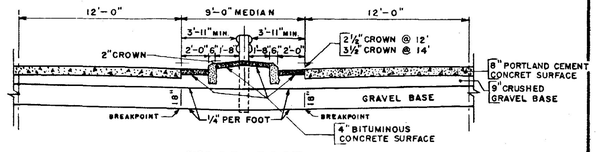


SECTION A-A

9-FOOT MEDIAN



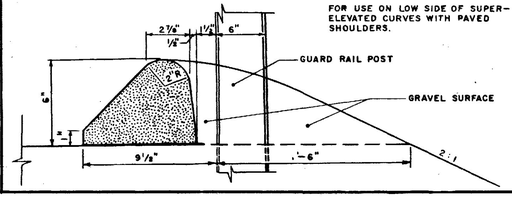
STEEL POST



WOOD POST

BITUMINOUS CONCRETE CURB

FOR USE ON LOW SIDE OF SUPER-ELEVATED CURVES WITH PAVED SHOULDERS.



MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

BENDS & BANDS, METAL ENDWALLS, GUARD RAIL ON RAMPS, CUT SLOPE DRAIN, 9-FOOT MEDIAN & BITUMINOUS CONCRETE CURB

4-62

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	9	116

General Notes

1. Loam & Seed All Slopes Method Number Two Unless Otherwise Noted.
2. Install Jute Matting In All Ditches As Called For.
3. In Wooded Areas The "Clearing Pay Line" And Slope Lines Are Coincident.
4. All Wooded Areas Inside Of R/W Lines, That Are Not Within Clearing Pay Lines, Shall Be Selectively Cleared And Thinned.
5. All Reinforced Concrete Pipe Shall Be Class III, Unless Otherwise Noted.
6. Chain Link Fence Sta 16+0 to Sta 17+0 ~~Item 518 Type II Sty. Ht. 48 to~~ Ramp "C" Shall Be Installed Prior To Any Excavation Being Made Which Will Close Stoker Road To Traffic.

(2)

STA 12+33 RAMP "B" = LIMIT OF WORK F-026-1(24). STA 12+33 TO STA 14+50 CONS'T EMBANKMENT TO ELEV. SHOWN ON X-SECTIONS. STA 14+50 BEGIN FULL STAGE CONSTRUCTION.

NOTE: AREA INSIDE LOOP OF RAMP "B" — GRADED AS DIRECTED BY ENGINEER. PAID UNDER ITEM 209-6 BULLDOZER GRADING

NOTE: BUILDINGS No.1 HOUSE, GARAGE AND SHED REMOVED BY CONTRACTOR '64 ITEM 926-7

NOTE FOR GEOMETERICS OF RAMP "B" CONST. CONTROL EDGE SEE SHEETS 15 & 16

STATION 830+0 BEGIN F.A.P. PROJECT F 026-1(24) = END F.A.P. PROJ. F 026-1(17)

NOTE: LIMIT OF WORK 0'-15' TO 8'-75' RAMP "B" SHALL BE THE EXCAV. REQ'D FOR THE DITCH BETWEEN RAMPS "B" & "D"

NOTE: FOR DETAILS OF DRAINAGE WEST OF THE OLD BATH ROAD SEE SHEETS No. 15 & 16

E.B. CURVE DATA		W.B. CURVE DATA	
P.I.	STA. 842+44.82	P.I.	STA. 838+47.55
Δ	17°-04'-30" LT.	Δ	17°-04'-30" LT.
D	0°-30'	D	0°-30'
T	1720.26'	T	1720.26'
L	3415.00'	L	3415.00'
E	128.4'	E	128.4'
R	11,459.16'	R	11,459.16'

LEGEND
Poles in Place ---■
Poles Removed ---■ Rem.
Poles Relocated --X

ITEM 926-12 BUILDING No 6 HOUSE REMOVED BY OWNER '64

NOTE: BUILDINGS No.5 GARAGE, BARN AND STAND REMOVED BY OWNER 1964 ITEM No. 926-11

NOTE: BUILDINGS No.4 HOUSE, HEN HOUSE AND TOOL SHED REMOVED BY CONTR. (1964) ITEM 926-10

NOTE: BL. DG. No.3 HOUSE AND SHED TO BE REMOVED OR RAZED BY CONTRACTOR ITEM No. 926-9

NOTE: AFTER MAKING THE EXCAVATION ACROSS THE OLD BATH ROAD, THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT RAMPS TO MAINTAIN TRAFFIC ON THIS ROAD. 18"x70' ACCMP'S WILL BE INSTALLED AT THE FOLLOWING LOCATIONS: STA 844+0 RT EB, STA 845+40 LT E.B., STA 847+0 RT W.B. and STA 848+35 LT. W.B.

STA 85+10± CONST. WOODS FENCE & RE-INSTALL 18"x30' ACCMP. RT

NOTE: CENTRAL MAINE POWER COMPANY 48" CHAIN LINK FENCE STA 7+15 RAMP D TO STA 15+65 RAMP D TO BE PLACED ON C.M.P. Co. SOUTH R/W LINE.

P.I. = 11+94.61
Δ = 90°-14'-03" RT.
D = 11°-56'-20"
T = 481.86'
L = 755.77'
R = 479.89'
E = 200.17'

P.I. = 7+72.30
Δ = 74°-16'-45" RT.
D = 8°-48'-53"
T = 492.30'
L = 842.67'
R = 650.00'
E = 165.39'

Δ = 43°-57'-42" LT.
D = 10°-15'-16"
T = 225.53'
L = 428.71'
R = 558.744'
E = 43.80'

MAG. BNG. S 83°-58'-08" E

Jute Matting
STA. 14+30 TO 15+35 RT. "B"
STA. 16+50 TO 19+50 LT. "C"
STA. 7+05 TO 10+55 RT. "D"
LT. STOKER RD. TURNAROUND (29')

Guard Rail Type "H"
STA 16+30 TO 16+62 - 80 LT. "C"

48" Chain Link Fence
STA 15+0 RAMP "B" to STA 8+22.51 RAMP "C" LT.
STA 5+25 RAMP "D" to STA 7+18.71 RAMP "D" LT
STA 7+18.71 RAMP "D" to STA 15+65 - 185' RT. RAMP "D"

Fencing Metal Posts
STA. 15+65 - 185' RT. RAMP "D" TO 18+0 RAMP "D"
STA. 843+00 RT. E.B. TO 844+87 LT. E.B. SKWD (TEMPY) LT. O.B. RD.
STA. 844+72 RT. E.B. TO 846+64 LT. E.B. SKWD (TEMPY) RT. O.B. RD.
STA. 845+50 RT. W.B. TO 846+73 LT. W.B. SKWD (TEMPY) LT. O.B. RD.
STA. 846+94 RT. W.B. TO 847+74 LT. W.B. SKWD (TEMPY) RT. O.B. RD.

Clearing Limits
STA 837+10 to STA 843+0 W.B.
STA 837+53 to STA 845+50 E.B.
STA 844+00 to STA 847+60 E.B.
STA 847+25 to STA 852+50 W.B.
STA 847+30 to STA 909+50 E.B.

Drive Gateways - 16'
STA. 16+0 ± - 170' RT. RAMP "D"
STA. 843+34 - RT. E.B. SKWD (TEMPY)
STA. 846+87 - LT. W.B. SKWD (TEMPY)

Survey Markers - A
STA 11+22.67 RAMP "D" 102' LT
STA 12+32.78 RAMP "B" 49' LT
STA 15+88.08 RAMP "B" 180' RT (REQ. P.I.)
STA 17+38.08 RAMP "C" 150' RT
STA 19+27.51 RAMP "C" 48' RT
STA 23+56.22 RAMP C 110' RT
STA 13+82.78 RAMP "B" 80' RT
STA 20+10.51 RAMP "B" 45' RT

Right-Of-Way Monuments

STATION	ROAD	DIST.	SIDE	STATION	ROAD	DIST.	SIDE
7+38	"D"	60'	RT. C.E.	15+88.08 BK.	"B"	85'	LT. C.E.
11+22.67	"D"	60'	RT. C.E.	17+38.08	"C"	75'	LT. C.E.
18+00	"D"	60'	RT. C.E.	19+27.51	"C"	75'	LT. C.E.
11+00	"B"	75'	LT. ℄	23+56.22	"C"	75'	LT. C.E.
12+32.78 AHD.	"B"	75'	LT. ℄	28+05.46	"C"	75'	LT. C.E.
13+50	"B"	150'	LT. C.E.	84+10.41	W.B.	85'	LT. ℄
14+50	"B"	85'	LT. C.E.	855+42.29	W.B.	75'	LT. ℄

Trees To Be Removed

STA 834+60	W.B.	45' LT	24" ELM
STA 834+70	W.B.	62' LT	28" ELM
STA 834+70	W.B.	72' LT	18" ELM
STA 16+25	RAMP "C"	5' LT	30" ELM
STA 16+25	RAMP "C"	40' LT	34" MAPLE

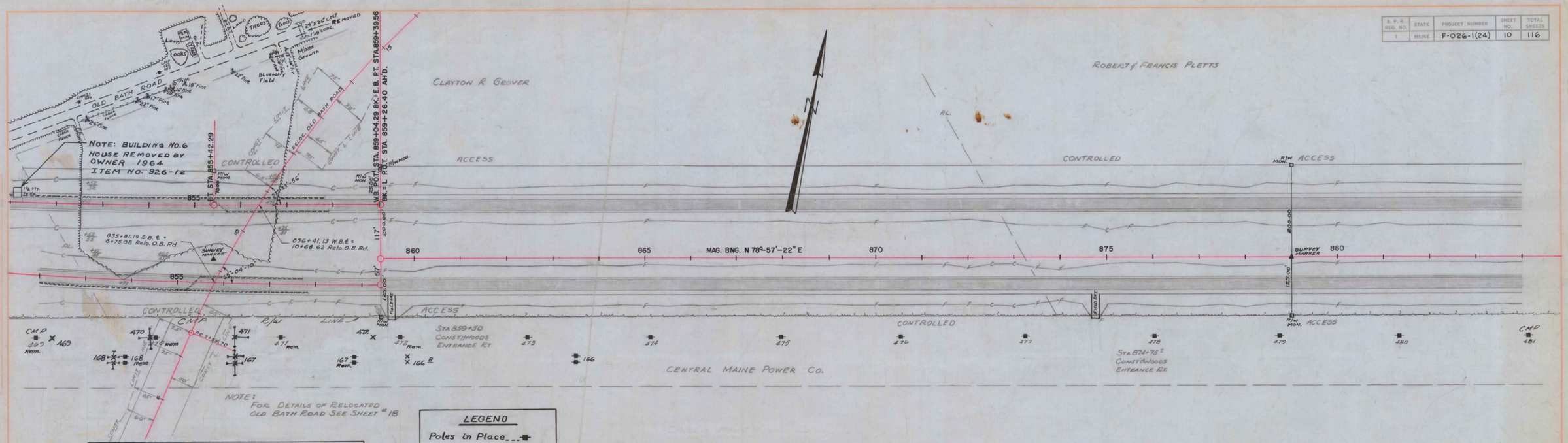
400' V.C.
Ext. = +0.92'
37.67
STA. 830+0 BEGIN F.A.P. PROJ. F-026-1(24)
38.09
400' V.C.
Ext. = +0.92

WESTBOUND
EASTBOUND
+0.40%
GRADE OF GRAVEL BASE BUILT IN 1964
18" GRAVEL BASE COURSE STA. 830+0 to STA. 858+25 W.B.
18" GRAVEL BASE COURSE STA. 830+0 to STA. 857+25 E.B.

BUILT 1964
UNDER DRAIN TYPE "B"
C.B. STA 1+40 "D" TO STA 857+80 RT E.B.
C.B. STA 20+50 "C" TO STA 857+80 LT. W.B.

825 830 835 840 845 850 855
BRUNSWICK

S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	10	116

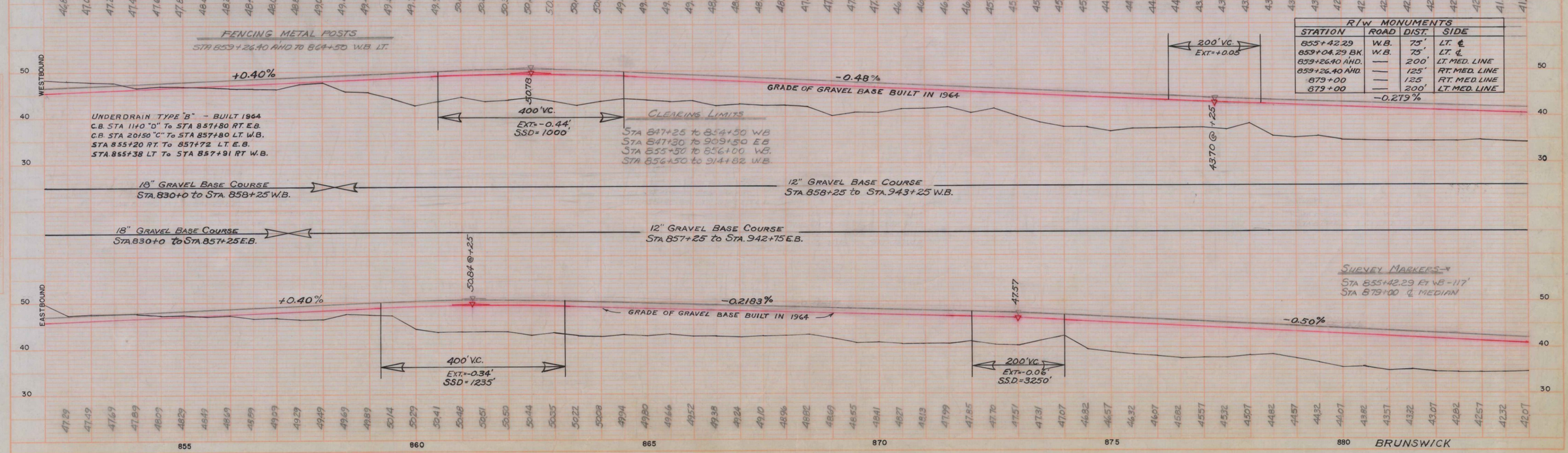


SUPERELEVATION TRANSITION			
EASTBOUND	LT. EDGE PAVT.	RT. EDGE PAVT.	WESTBOUND
858+50	-2½"	+2½"	854+50
859+00	-2½"	+1¼"	855+00
859+36	-2½"	0"	855+50
859+86	-2½"	-1¼"	856+0
860+36	-2½"	-2½"	856+50

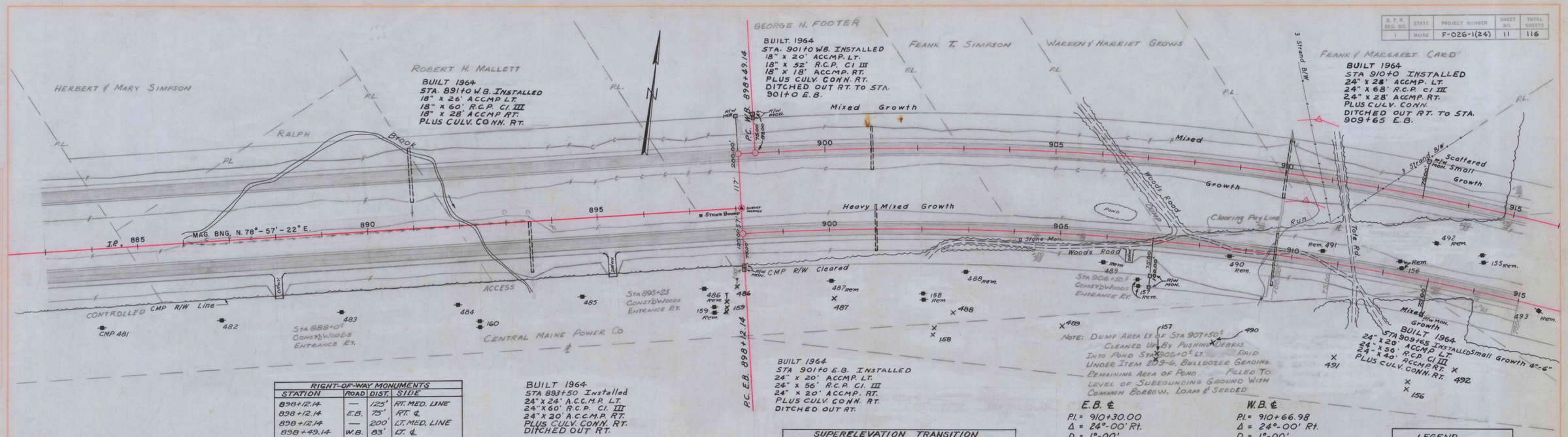
LEGEND

Poles in Place ---
Poles Removed --- Rem.
Poles Relocated --- X

R/W MONUMENTS			
STATION	ROAD	DIST.	SIDE
855+42.29	W.B.	75'	LT. ℄
859+04.29 BK	W.B.	75'	LT. ℄
859+26.40 AHD.	—	200'	LT. MED. LINE
859+26.40 AHD.	—	125'	RT. MED. LINE
879+00	—	125	RT. MED. LINE
879+00	—	200'	LT. MED. LINE



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	11	116



RIGHT-OF-WAY MONUMENTS			
STATION	ROAD	DIST.	SIDE
898+12.14	—	125'	RT. MED. LINE
898+12.14	E.B.	75'	RT. ℄
898+12.14	—	200'	LT. MED. LINE
898+49.14	W.B.	83'	LT. ℄
898+49.14	W.B.	75'	LT. ℄
907+00	E.B.	100'	RT. ℄
907+00	E.B.	75'	RT. ℄
913+00	E.B.	75'	RT. ℄
913+00	W.B.	75'	LT. ℄

BUILT 1964
STA 893+50 Installed
24" x 24' A.C.C.M.P. LT.
24" x 60' R.C.P. CI. III
24" x 20' A.C.C.M.P. RT.
PLUS CULV. CONN. RT.
DITCHED OUT RT.

BUILT 1964
STA 901+0 E.B. INSTALLED
24" x 20' ACCMP. LT.
24" x 56' R.C.P. CI. III
24" x 20' ACCMP. RT.
PLUS CULV. CONN. RT.
DITCHED OUT RT.

SUPERELEVATION TRANSITION			
W.B. STA.	LT. EDGE PAV.	RT. EDGE PAV.	E.B. STA.
897+00	-2½"	-2½"	897+00
897+50	-1⅛"	-3	897+50
898+00	+0¼"	-3	898+00
898+50	+1⅜"	-3	898+50
899+00	+3"	-3	899+00

E.B. ℄

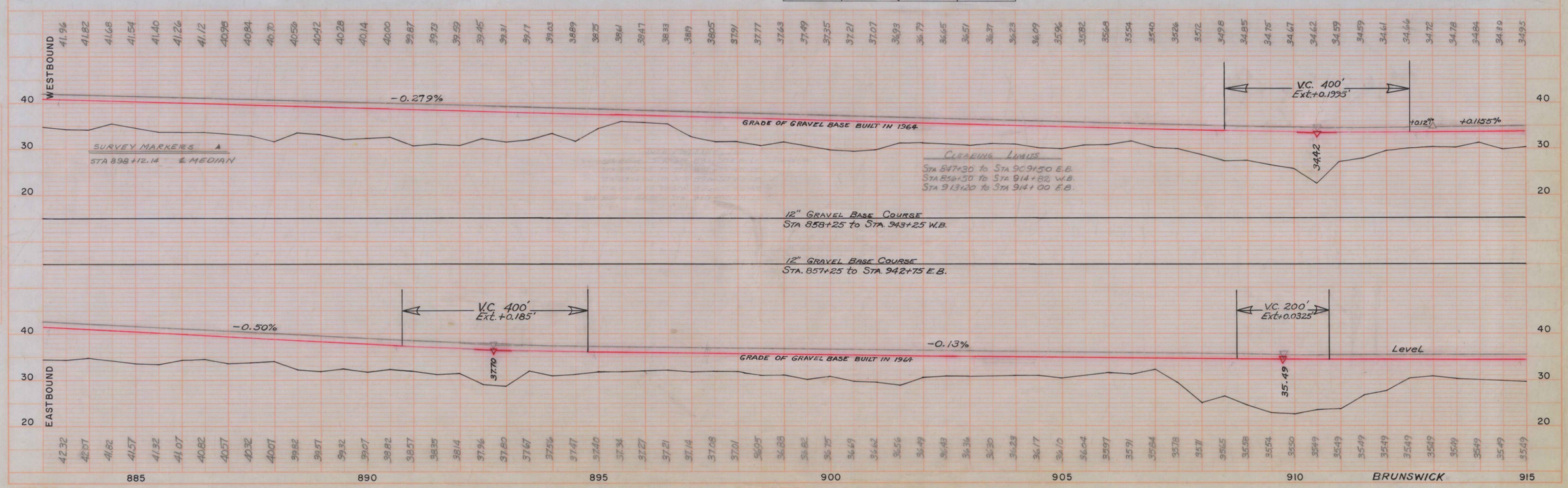
P.I. = 910+30.00
Δ = 24°-00' Rt.
D = 1°-00'
T = 1217.86'
L = 2400.00'
R = 5729.58'

W.B. ℄

P.I. = 910+66.98
Δ = 24°-00' Rt.
D = 1°-00'
T = 1217.86'
L = 2400.00'
R = 5729.58'

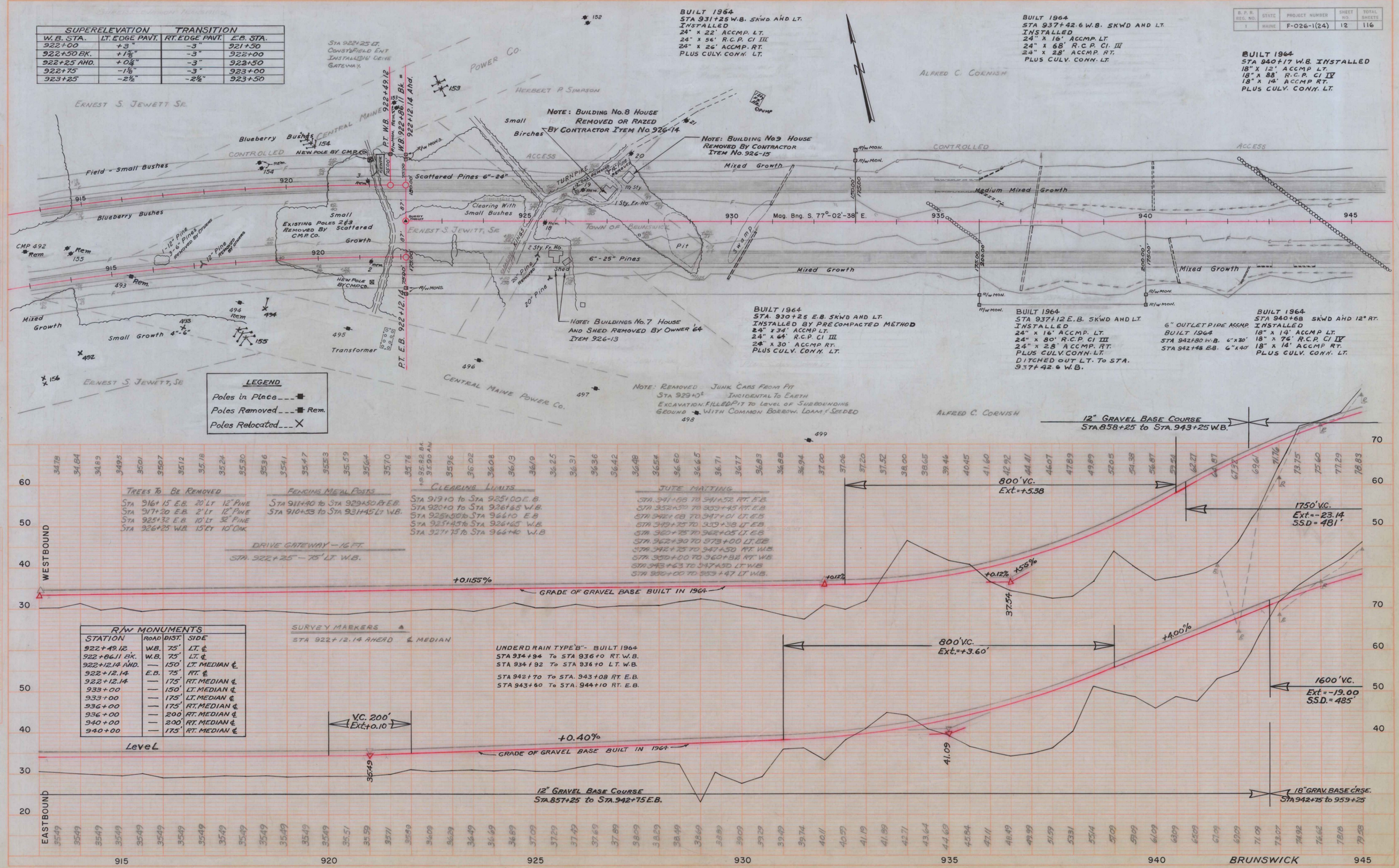
LEGEND

Poles in Place
Poles Removed — Rem.
Poles Relocated — X

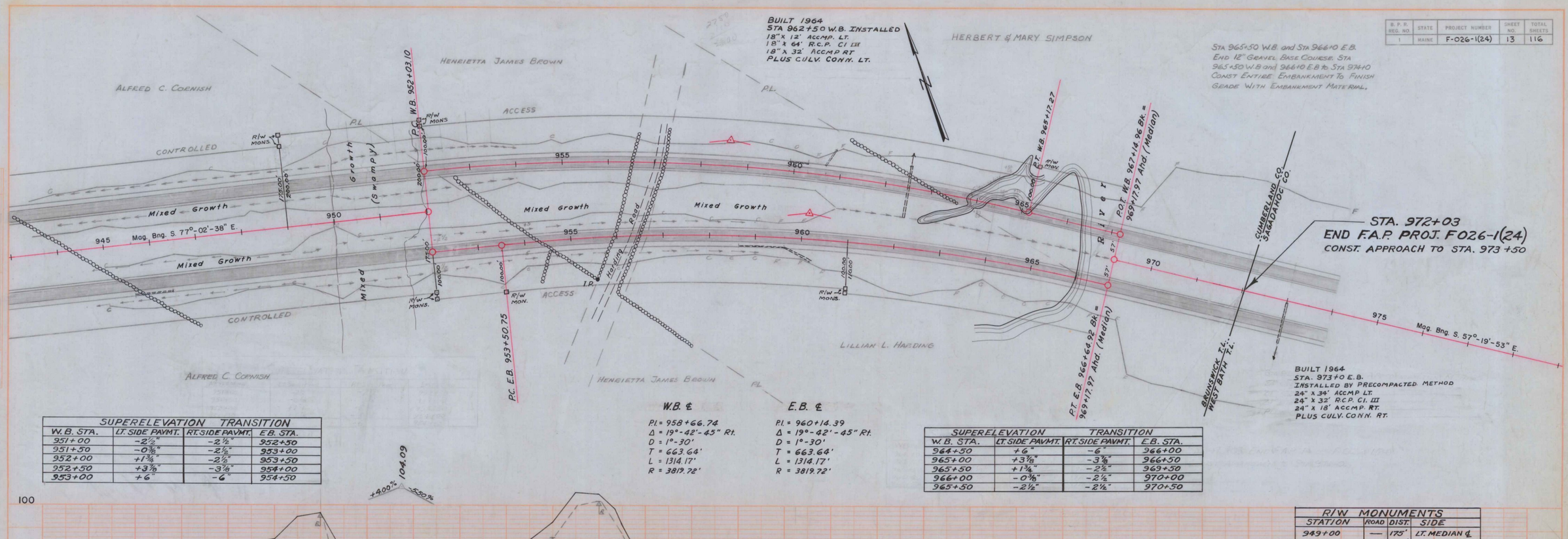


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	12	116

SUPERELEVATION		TRANSITION		
W.B. STA.	LT. EDGE PAVT.	RT. EDGE PAVT.	E.B. STA.	
922+00	+3"	-3"	921+50	
922+50 BK.	+1⅛"	-3"	922+00	
922+25 AHD.	+0¼"	-3"	922+50	
922+75	-1⅛"	-3"	923+00	
923+25	-2½"	-2½"	923+50	



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	13	116



SUPERELEVATION TRANSITION			
W. B. STA.	LT. SIDE PAVMT.	RT. SIDE PAVMT.	E.B. STA.
951+00	-2½"	-2½"	952+50
951+50	-0⅜"	-2½"	953+00
952+00	+1¾"	-2½"	953+50
952+50	+3⅞"	-3⅞"	954+00
953+00	+6"	-6"	954+50

W.B. ℄

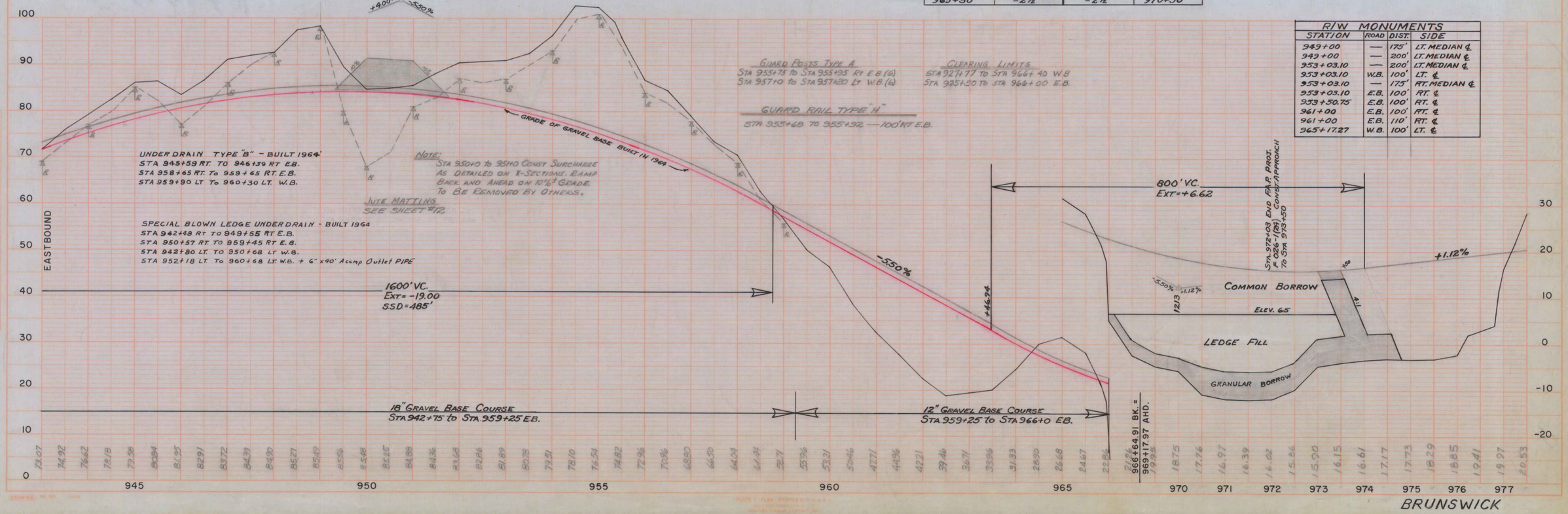
P.I. = 958+66.74
Δ = 19°-42'-45" Rt.
D = 1°-30'
T = 663.64'
L = 1314.17'
R = 3819.72'

E.B. ℄

P.I. = 960+14.39
Δ = 19°-42'-45" Rt.
D = 1°-30'
T = 663.64'
L = 1314.17'
R = 3819.72'

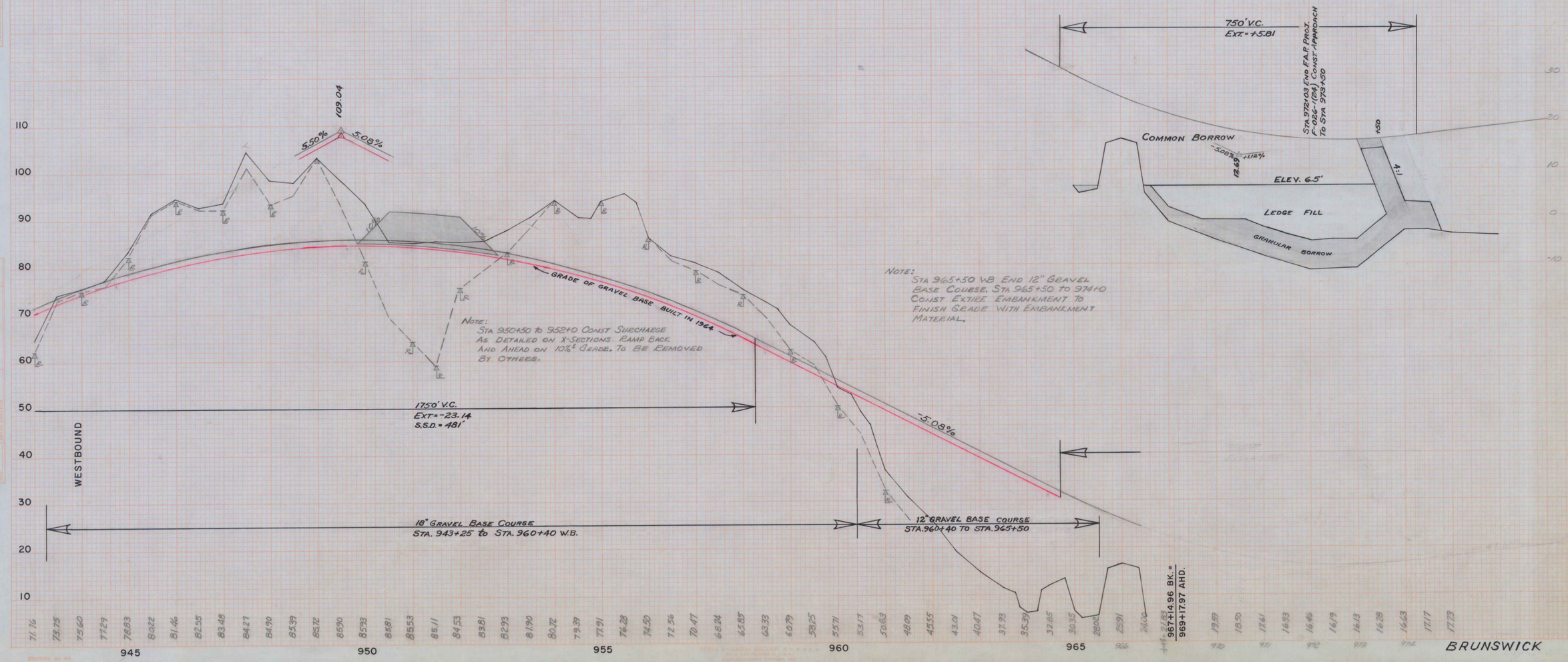
SUPERELEVATION TRANSITION			
W. B. STA.	LT. SIDE PAVMT.	RT. SIDE PAVMT.	E.B. STA.
964+50	+6"	-6"	966+00
965+00	+3⅞"	-3⅞"	966+50
965+50	+1¾"	-2½"	969+50
966+00	-0⅜"	-2½"	970+00
965+50	-2½"	-2½"	970+50

R/W MONUMENTS			
STATION	ROAD	DIST.	SIDE
949+00	—	175'	LT. MEDIAN ℄
949+00	—	200'	LT. MEDIAN ℄
953+03.10	—	200'	LT. MEDIAN ℄
953+03.10	W.B.	100'	LT. ℄
953+03.10	—	175'	RT. MEDIAN ℄
953+03.10	E.B.	100'	RT. ℄
953+50.75	E.B.	100'	RT. ℄
961+00	E.B.	100'	RT. ℄
961+00	E.B.	110'	RT. ℄
965+17.27	W.B.	100'	LT. ℄



BRUNSWICK

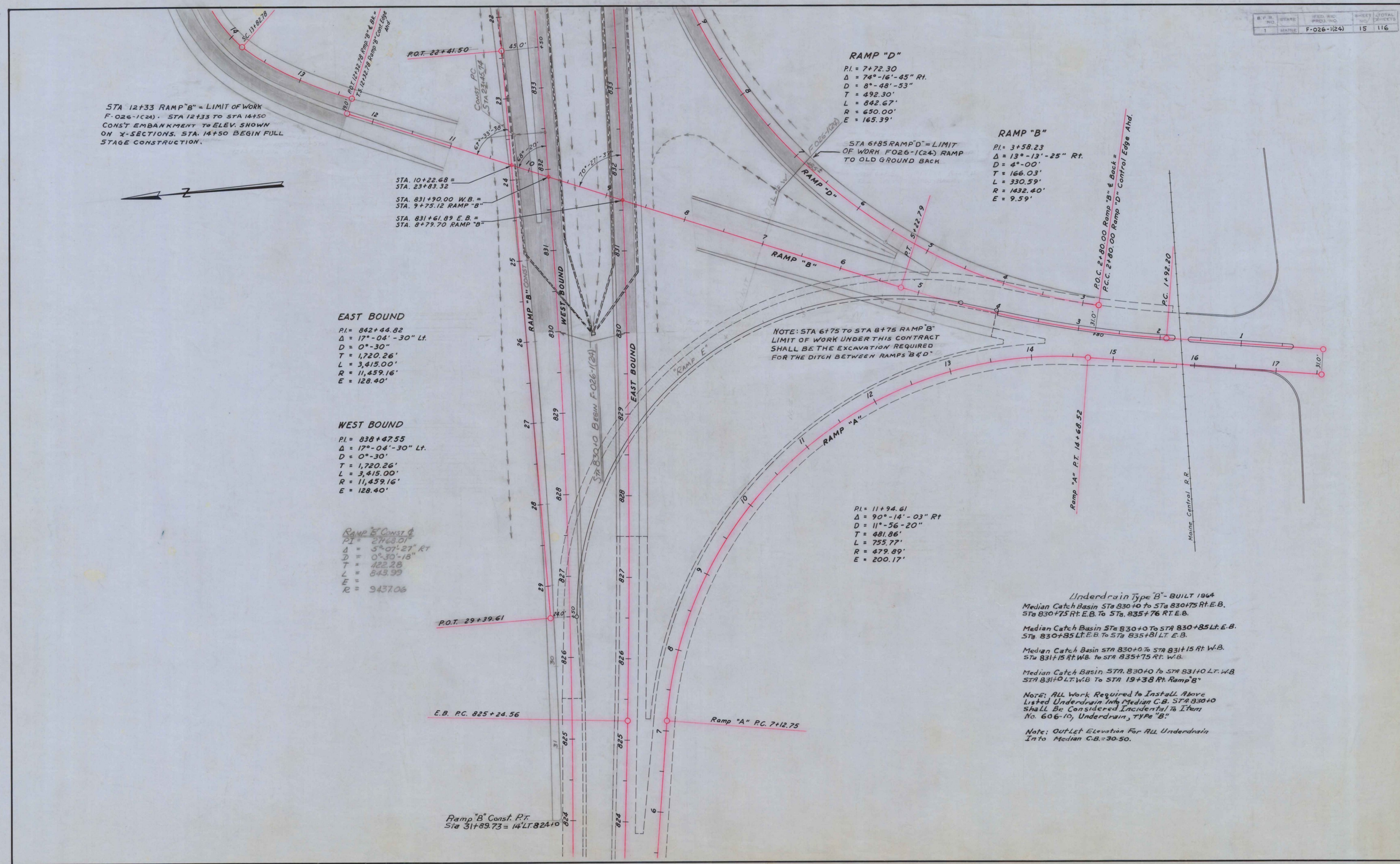
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	14	116



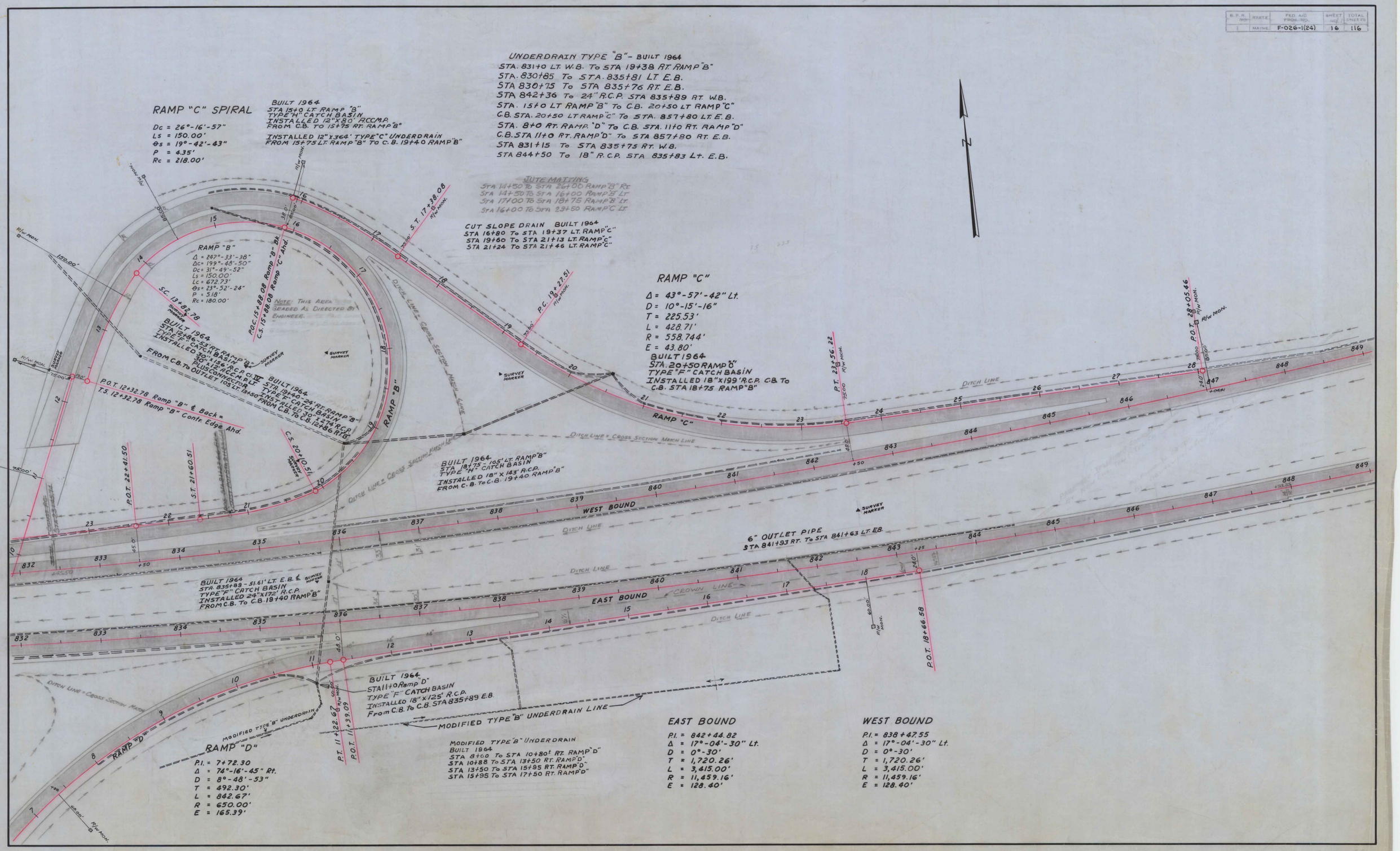
FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREA
DATE
PARTY CHIEF
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED J.T.H.
PLOTTED
TEMPLATE
AREA
DATE
PARTY CHIEF
BY
DATE

B.P.R. NO.	STATE	FED. RD. PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	15	116



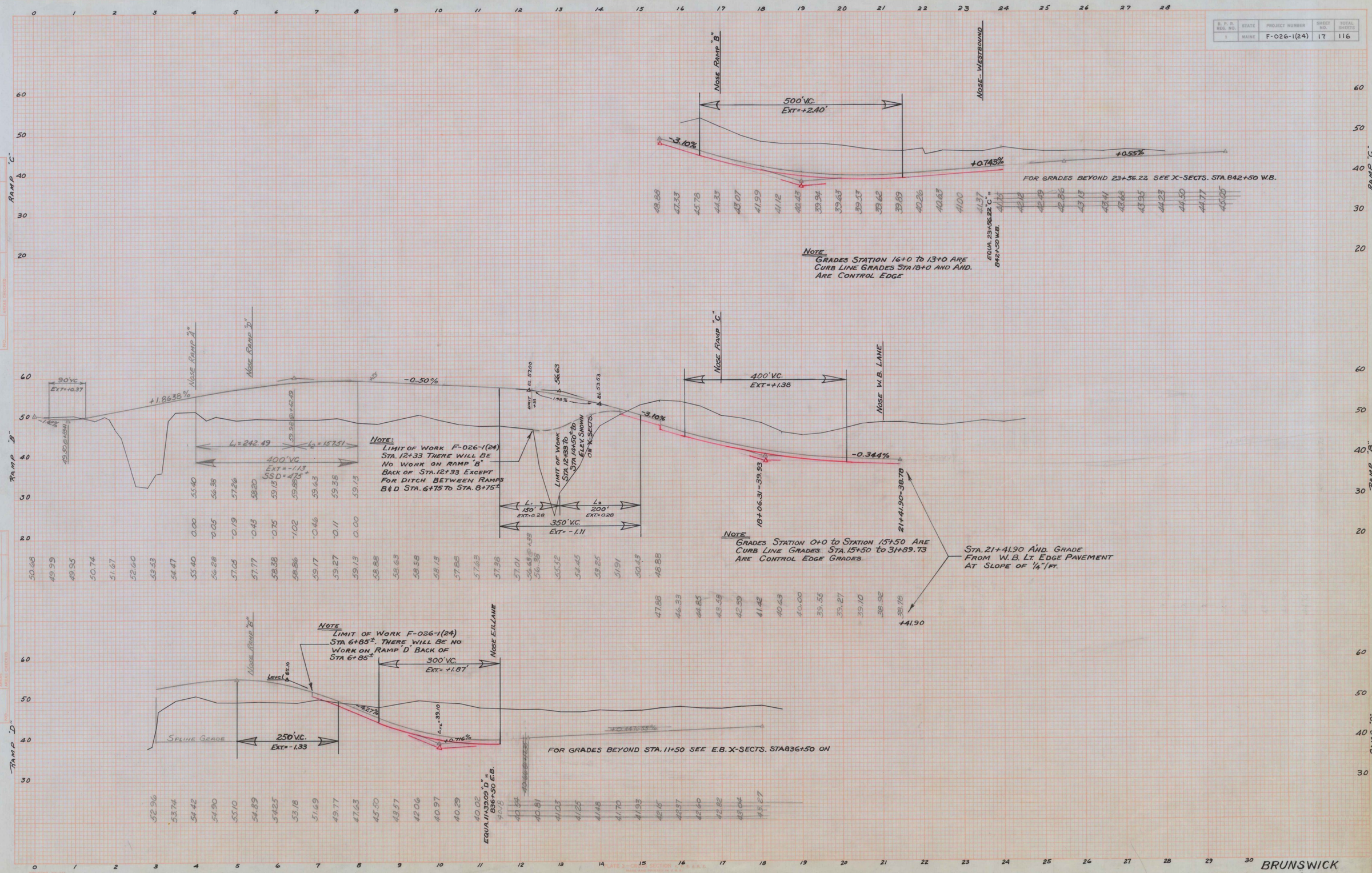
B. P. R. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	16	116



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	17	116

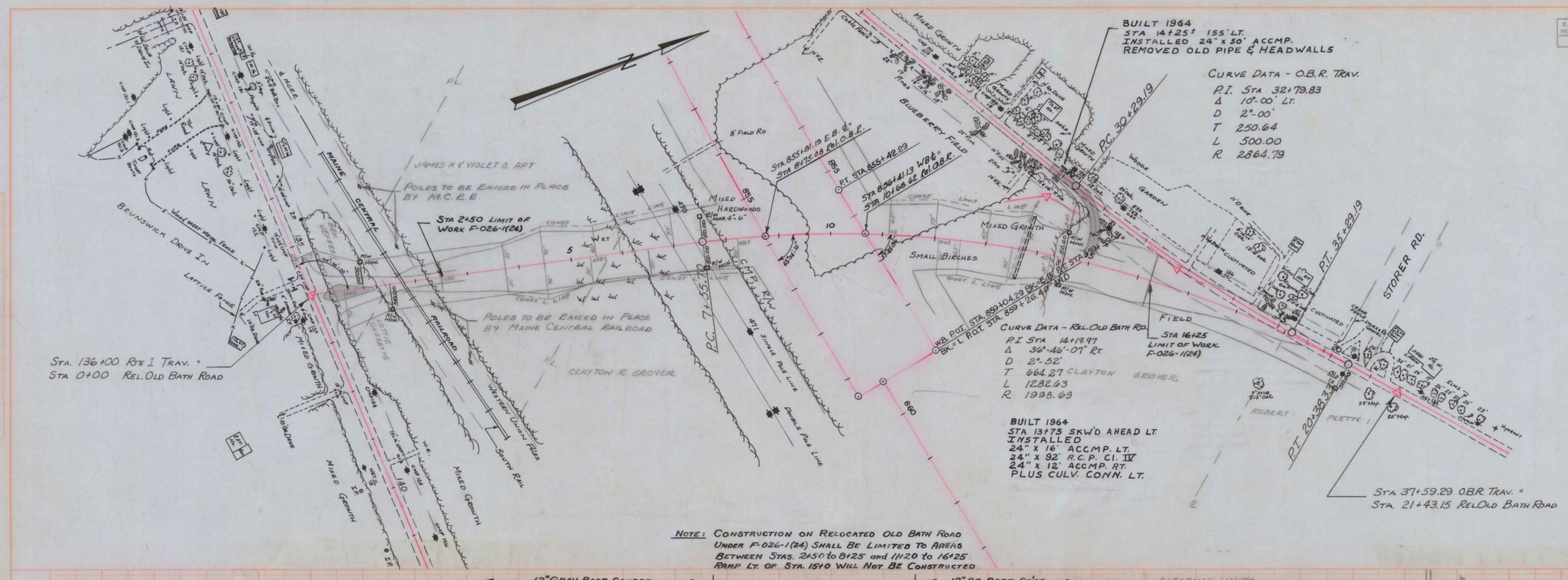
FINAL SURVEY	
NOTE BOOK	
NO.	
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREA	
AREAS CHECKED	

ORIGINAL SURVEY	
NOTE BOOK	Bedford - York
NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREA	
AREAS CHECKED	



BRUNSWICK

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-026-1(24)	18	116



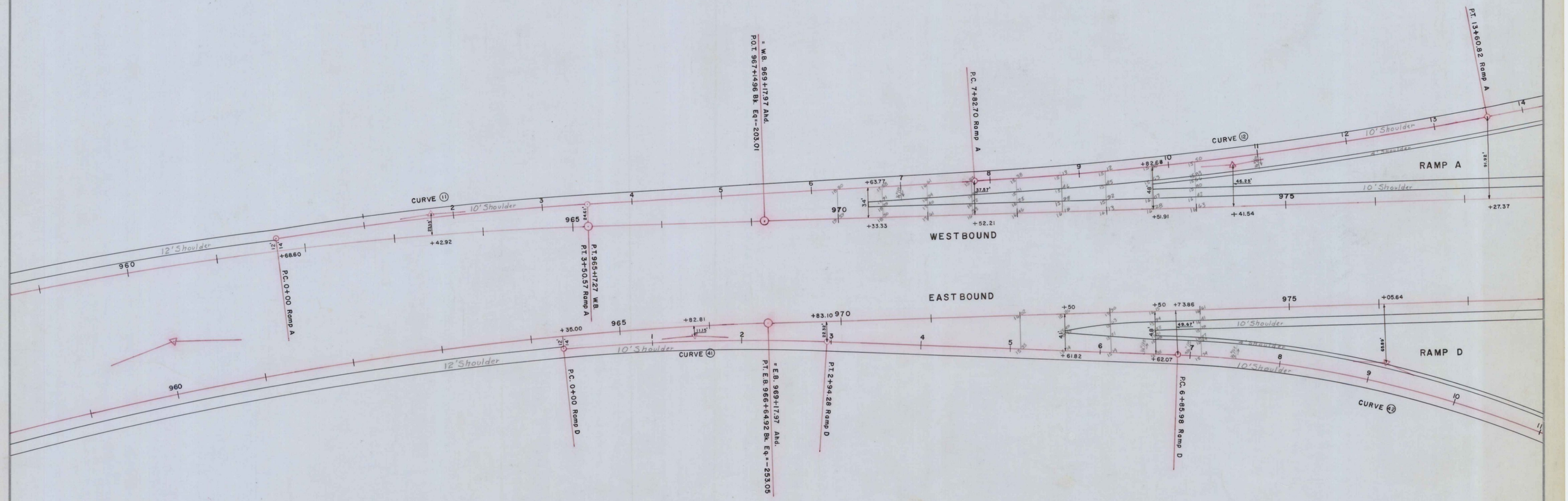
R/W MONUMENTS			
STATION	ROAD	DIST.	SIDE
1+00	O.B.R. RELOC.	50'	LT. ℄
1+50		50'	RT. ℄
7+55.70		50'	RT. ℄
7+55.70		50'	LT. ℄
14+50		50'	RT. ℄
14+50		50'	LT. ℄
20+38.33	O.B.R. RELOC.	50'	RT. ℄

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F 026-1(24)	18A	116

WESTBOUND CURVE DATA
P.I. 958+66.74
△ 19°-42'-45" RT.
D 1°-30'-00"
T 663.64'
L 1314.17'
R 3819.72'
E 57.22'

RAMP A CURVE (11) DATA
P.I. 1+75.41
△ 5°-15'-31" RT.
D 1°-30'-00"
T 175.41'
L 350.57'
R 3819.72'
E 4.03'

RAMP A CURVE (12) DATA
P.I. 10+72.16
△ 7°-21'- 39" LT.
D 1°-16'- 24"
T 289.46'
L 578.12'
R 4500.00'
E 9.30'



EASTBOUND CURVE DATA
P.I. 960+14.39
△ 19°-42'-45" RT.
D 1°-30'-00"
T 663.64'
L 1314.17'
R 3819.72'
E 57.22'

RAMP D CURVE (41) DATA
P.I. 1+47.35
△ 7°-27'-10" RT.
D 2°-31'-57"
T 147.35'
L 294.28'
R 2262.32'
E 4.79'

Scale 1" = 50'

RAMP D CURVE (42) DATA
P.I. 9+18.33
△ 21°-55'-00" RT.
D 4°-46'-29"
T 232.35'
L 459.02'
R 1200.00'
E 22.29'