Fed. Road Dist. No.	State	Fed Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
9	Maine	257-F		1	23

STATE OF MAINE
STATE HIGHWAY COMMISSION

PLAN AND PROFILE
STATE HIGHWAY "E"
MANCHESTER - AUGUSTA
KENNEBEC COUNTY
FEDERAL AID PROJECT NO. 257-F

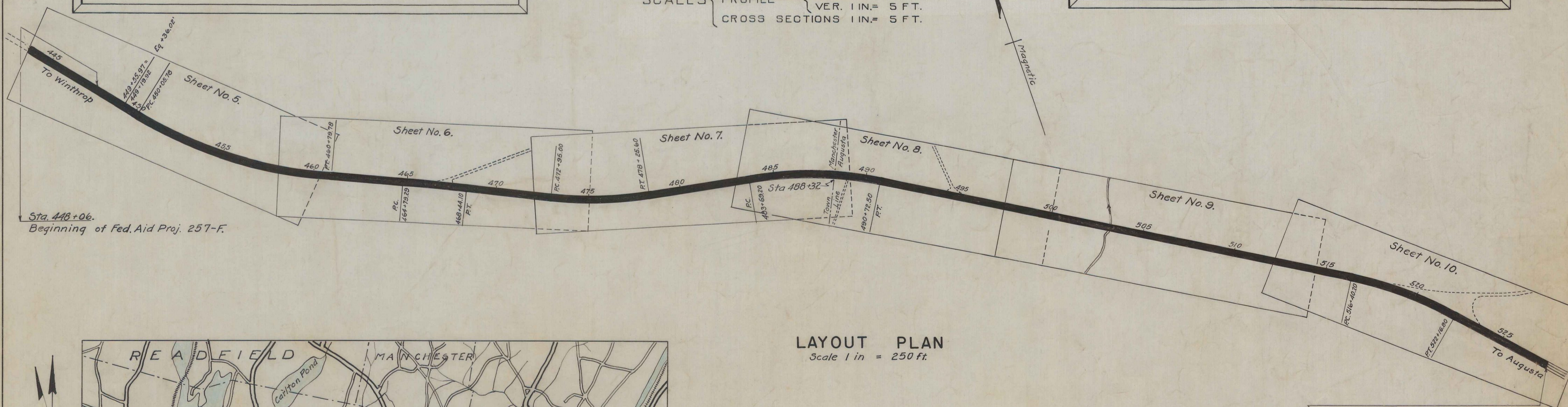
TOTAL LENGTH 1.515 MILES

SCALES
- PLAN 1 IN.= 50 FT.
- PROFILE { HOR. 1 IN.= 50 FT. / VER. 1 IN.= 5 FT. }
- CROSS SECTIONS 1 IN.= 5 FT.

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

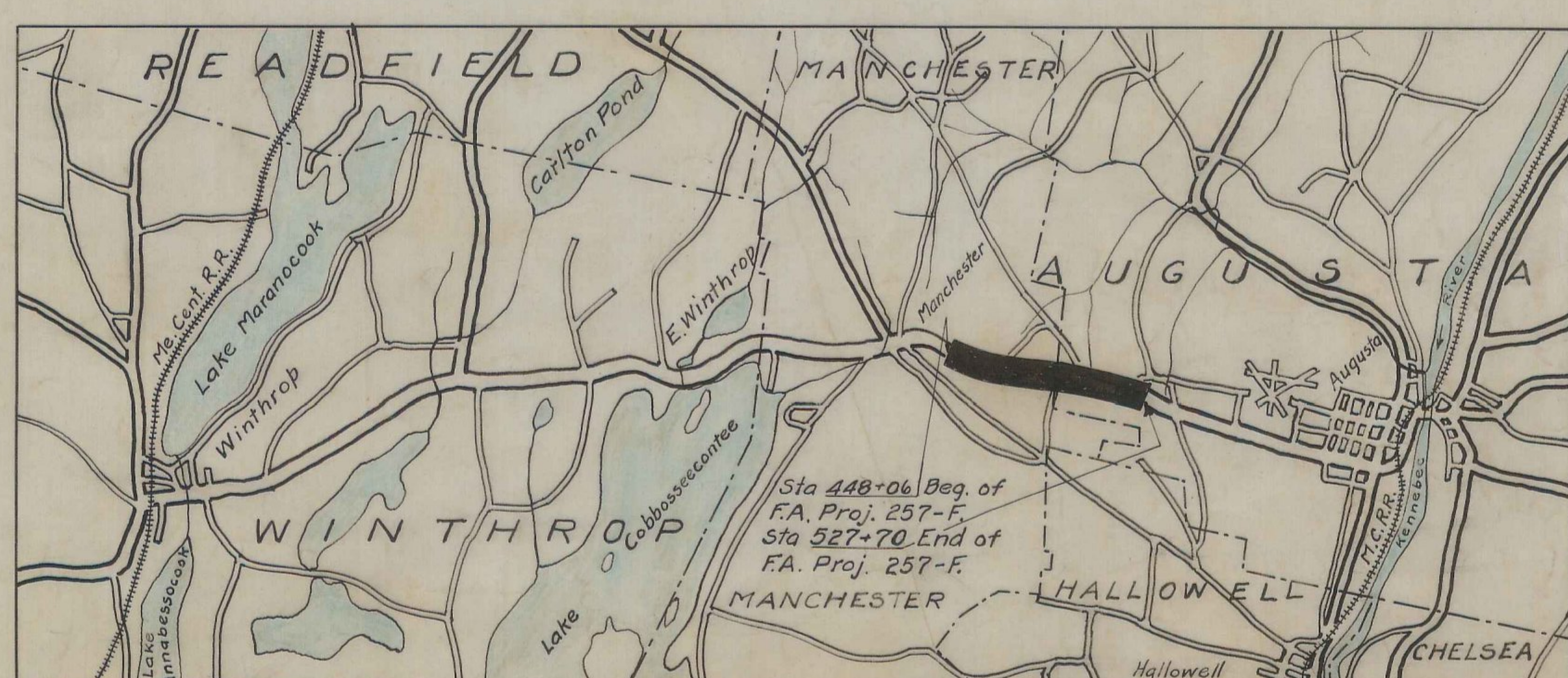
INDEX OF SHEETS



LAYOUT PLAN
Scale 1 in = 250 ft.

Sta 527+70. End of Fed. Aid Proj. 257-F. and Beginning of Fed. Aid Proj. 257-D.

Note:
All work contemplated under this contract to be governed by and in conformity with the specifications as revised May 1935, except as modified on this plan.



A PORTION KENNEBEC CO.

Approved:
Maine State Highway Commission

Chairman

Chief Engineer.

Approved:
U. S. Bureau of Public Roads

[redacted]
District Engineer

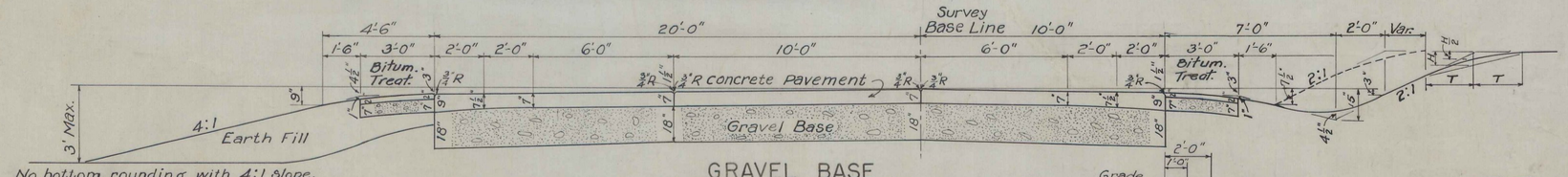
[redacted]
Chief Engineer

[redacted]
Director

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	257-F		2	23

CEMENT CONCRETE PAVEMENT

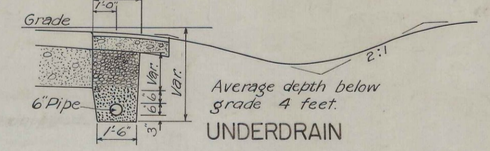
NOTE: Where Gravel Base is completed during 1936 Bituminous Treatment may be required over a width of 20 ft.



GRAVEL BASE
30' Roadway
3' Shoulder

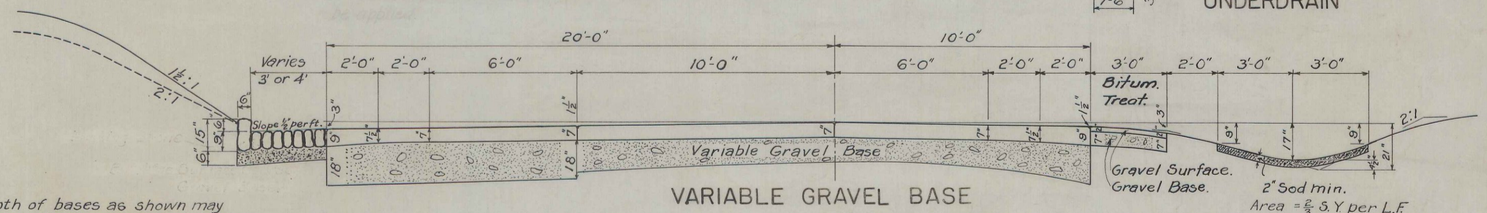
2" Gravel Surface Course = 1.85 C.Y. per 100 L.F.
7" Gravel Base Course = 6.48 C.Y. per 100 L.F.

Cement Concrete Pavement = 66.46 C.Y. per 100 L.F.
15" Gravel Base Course = 143.42 C.Y. per 100 L.F.
18" Gravel Base Course = 171.20 C.Y. per 100 L.F.



Average depth below grade 4 feet.

UNDERDRAIN



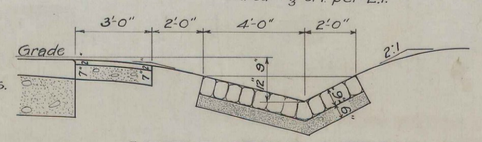
Depth of bases as shown may be changed to meet local conditions.

Where a 2:1 slope is not practicable, use a 1½:1 slope in cuts.

18" Gravel Base Course (under outside slab) = 57.82 C.Y. per 100 L.F.

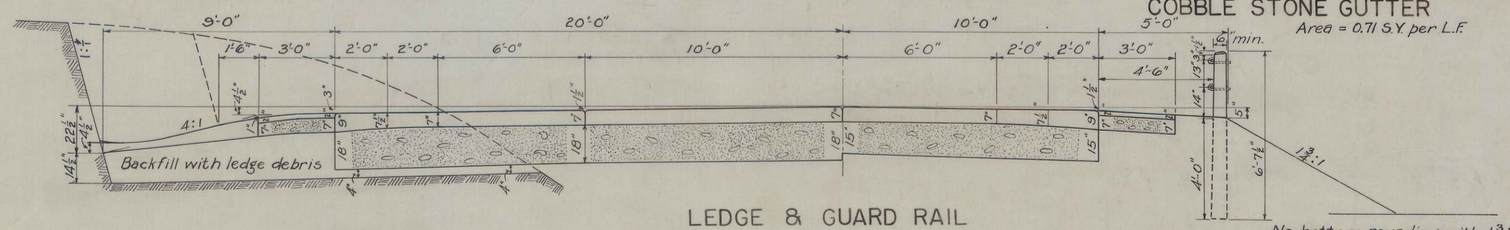
VARIABLE GRAVEL BASE

Over old pavement only
Sta 448+06 to 449+50
Sta 457+50 to 460+50
Sta 468+10 to 476+90
Sta 494+90 to 503+50
Sta 513+50 to 515+10
Minimum depth of Variable Gravel Base = 2 inches.
Minimum depth of existing surface and base = 15 inches.

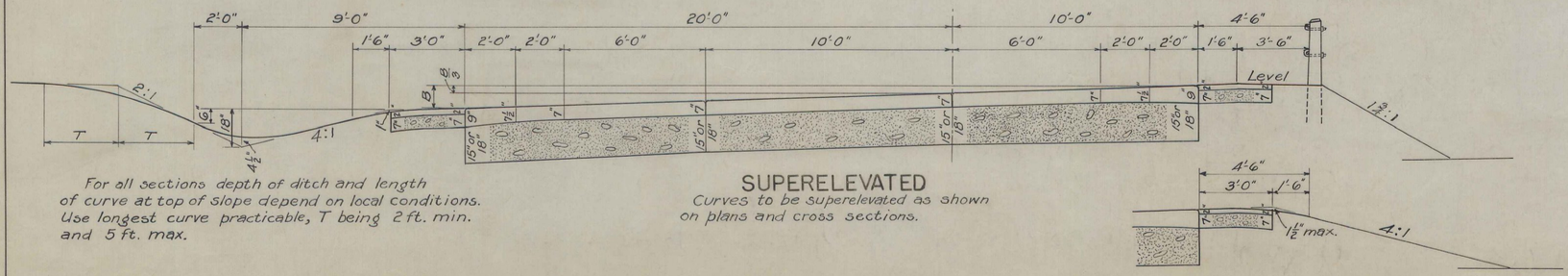


COBBLE STONE GUTTER

Area = 0.71 S.Y. per L.F.



LEDGE & GUARD RAIL



For all sections depth of ditch and length of curve at top of slope depend on local conditions. Use longest curve practicable, T being 2 ft. min. and 5 ft. max.

SUPERELEVATED

Curves to be superelevated as shown on plans and cross sections.

TABLE OF FINAL QUANTITES

ITEMS	DESCRIPTION	QUANTITY	UNIT
12-A	Earth Excavation	13,007	c.y.
12-B	Rock Excavation	306	c.y.
12-C	Trees Removed	16	each
13	Excavation for Struct.	1,399	c.y.
17-A	Common Borrow	990	c.y.
17-B	Gravel Borrow	608	c.y.
23	Gravel Base Course.	12,811.5	c.y.
27	Gravel Surface Course.	343	c.y.
31	Cmt. Concrete Pavt.	4,120.5	c.y.
32	Stl. Rein. for Con. Pavt.	279,613	lbs.
35-A	Class "A" Concrete.	6.2	c.y.
35-B	Class "B" Concrete	49.4	c.y.
36	Stl. Rein. for Con. Str.	994	lbs.
38	Cmt. Rubble Masonry.	17.4	c.y.
40-A	12" C.M.P.	278	l.f.
40-B	15" C.M.P.	86	l.f.
40-E	24" C.M.P.	50	l.f.
43-B	15" R.C.P.	260	l.f.
43-D	24" R.C.P.	152	l.f.
	6" V.C.P.	50	l.f.
44-C	12" V.C.P.	44	l.f.
44-D	15" V.C.P.	250	l.f.
44-E	18" V.C.P.	280	l.f.
45-A	Drop Inlets "A"	5	each.
45-B	Drop Inlets "B"	2	each.
45-C	Catch Basins.	1	each.
48-A	Underdrain "A"	230	l.f.
48-B	Underdrain "B"	2,351	l.f.
49	Cobble Stone Gutter.	259.6	s.y.
51-A	Wire Cable Guard Rail	3531	l.f.
51-B	Anchorages for W.C.G.R.	22	each.
52	Loam.	4	cy.
53-B	Seeding - Roadside.	179.5	T.S.F.
54	Sodding	1092	s.y.
55	Bituminous Treatment.	2652	gals.
57	Integral Conc. Curb.	3600	l.f.
58	Cmt. Concrete Base.	1348.5	cy.
59	Tack Coat.	7,854	s.y.
60	Bit. Conc. Surf. Course.	7857.7	s.y.
61	Relaying 12" C.M.P.	78	l.f.
62	Relaying 18" C.M.P.	30	l.f.
	Liquidated Damages.	3	days.

NOTE:

PREMOULDED BITUMINOUS EXPANSION JOINT FILLER SHALL BE USED STA. 448+06 TO STA. 476+90 & STA. 494+90 TO STA. 527+70

PREMOULDED CORK EXPANSION JOINT FILLER AND TIE BARS SHALL BE USED STA. 476+90 TO STA. 494+90

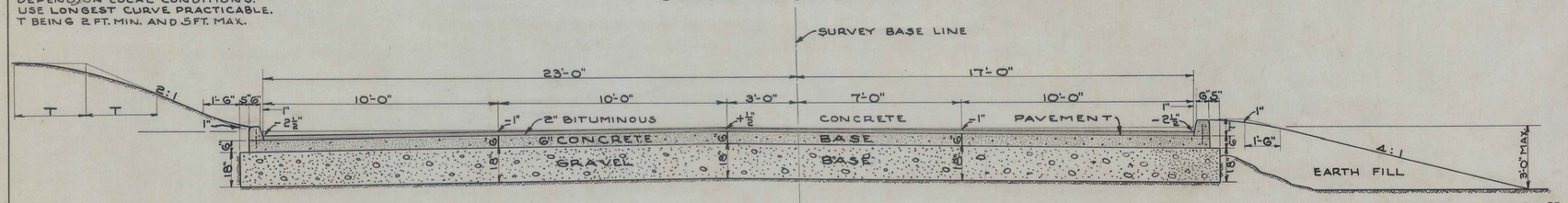
"E" Manchester - August.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	MAINE	257-F		2-A	23

BITUMINOUS CONCRETE PAVEMENT

STA. 476+90 - STA. 494+90

LENGTH OF CURVE AT TOP OF SLOPE DEPENDS ON LOCAL CONDITIONS. USE LONGEST CURVE PRACTICABLE. T BEING 2 FT. MIN. AND 5 FT. MAX.



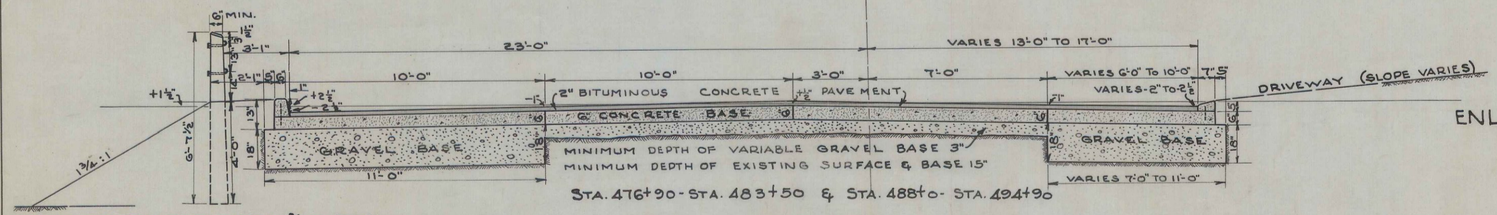
NO BOTTOM ROUNDING WITH 4:1 SLOPE

18" GRAVEL BASE
40' ROADWAY

2" BITUMINOUS CONCRETE SURFACE	(40')	= 444.71 SQ.YDS. PER 100 LIN. FT.
6" CONCRETE BASE	(41'-2")	= 76.23 CU. YDS. PER 100 LIN. FT.
18" GRAVEL BASE	(42')	= 233.33 CU. YDS. PER 100 LIN. FT.

CULVERT LIST

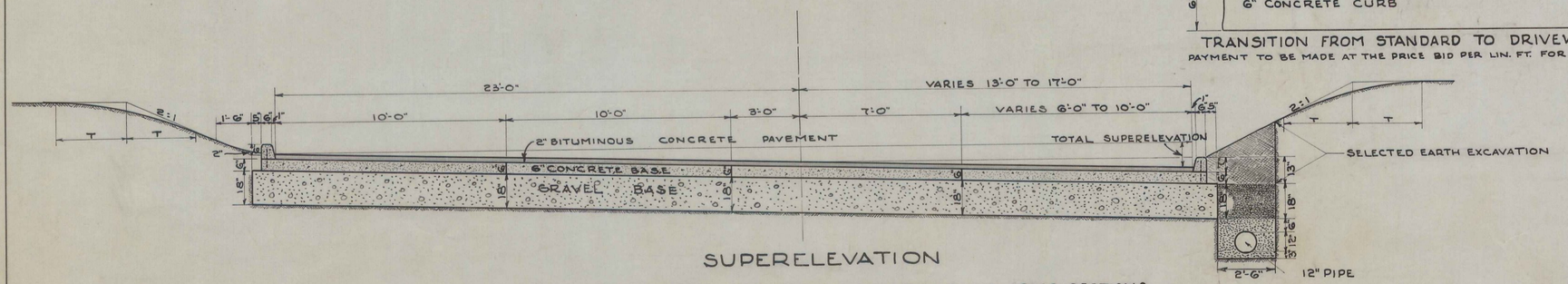
STA.	SIZE	KIND	LENGTH	REMARKS



STA. 476+90 - STA. 483+50 & STA. 488+0 - STA. 494+90

VARIABLE GRAVEL BASE & GUARD RAIL TRANSITION SECTION

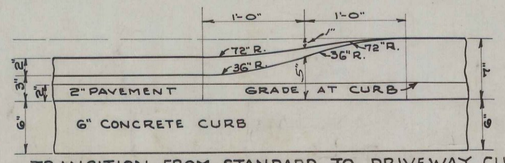
2" BITUMINOUS CONCRETE SURFACE	(36')	= 400.26 SQ. YDS. PER 100 LIN. FT.
6" CONCRETE BASE	(37'-2")	= 68.83 CU. YDS. PER 100 LIN. FT.
18" GRAVEL BASE	(7')	= 38.89 CU. YDS. PER 100 LIN. FT.
18" GRAVEL BASE	(11')	= 61.11 CU. YDS. PER 100 LIN. FT.



SUPERELEVATION

CURVES TO BE SUPERELEVATED AS SHOWN ON PLANS AND CROSS SECTIONS

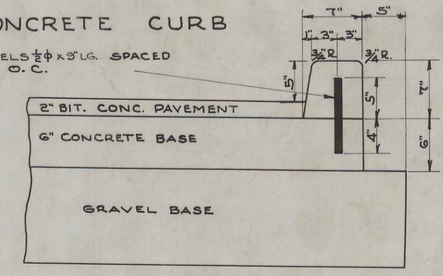
UNDERDRAIN TYPE "A"



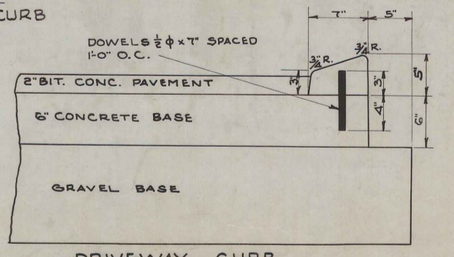
TRANSITION FROM STANDARD TO DRIVEWAY CURB

PAYMENT TO BE MADE AT THE PRICE BID PER LIN. FT. FOR CURB.

ENLARGED INTEGRAL CONCRETE CURB



STANDARD CURB



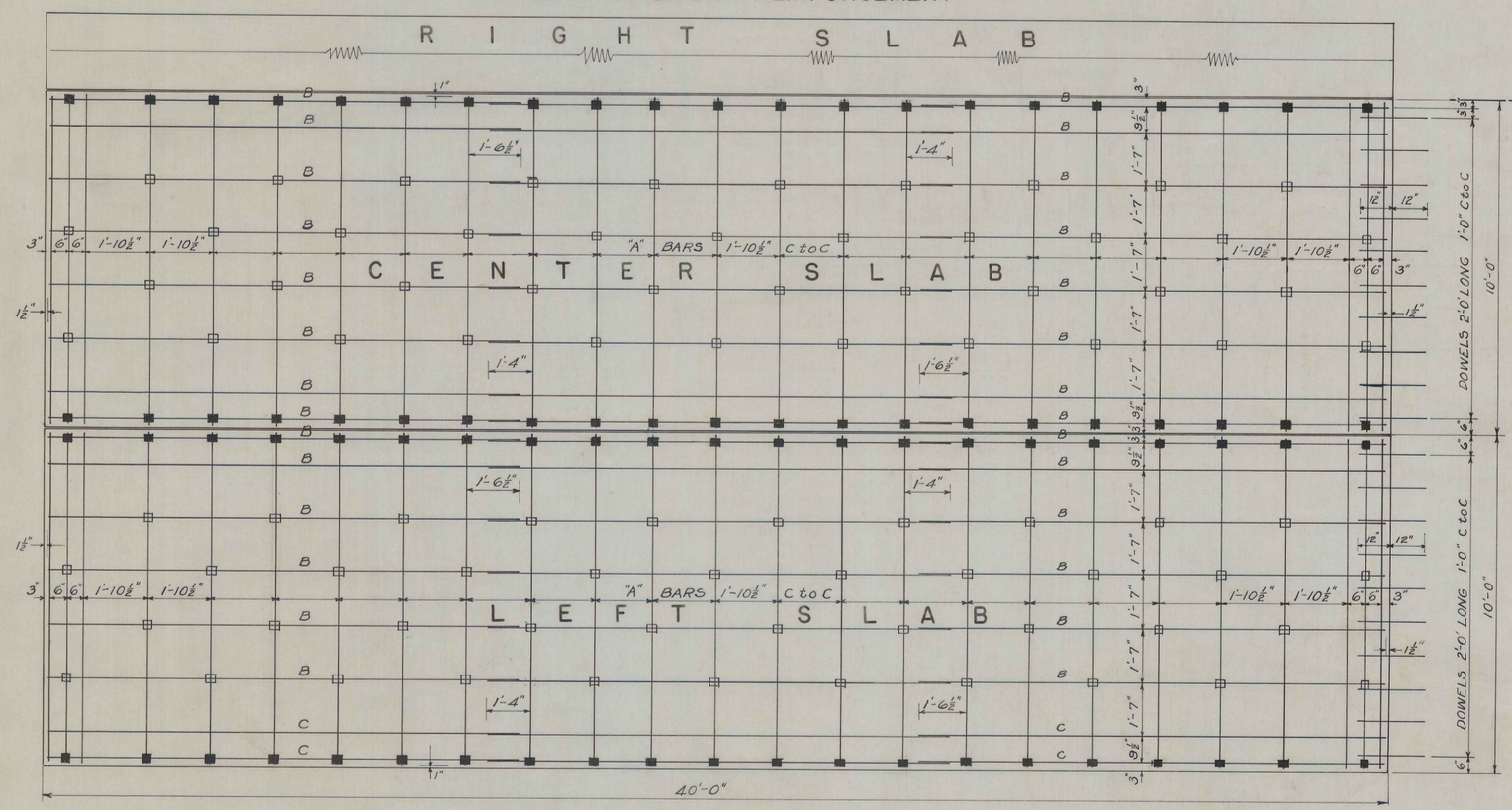
DRIVEWAY CURB

PAYMENT TO BE MADE AT THE PRICE BID PER LIN. FT. FOR CURB

NOTE: CONCRETE FOR CURB TO COMPLY WITH THE SPECIFICATIONS FOR CLASS "A" CONCRETE. PAYMENT TO BE MADE AT THE PRICE BID, PER LIN. FT., COMPLETE IN PLACE INCLUDING ALL MATERIALS, EXCEPT DOWELS TO BE PAID FOR UNDER THE ITEM OF REINF. FOR PAVEMENT.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	257-F		3	35

PLAN OF PAVEMENT REINFORCEMENT



ALL BARS ⅜" DIAM. DOWELS ¾" DIAM.
ALL TRANSVERSE BARS ARE "A" BARS

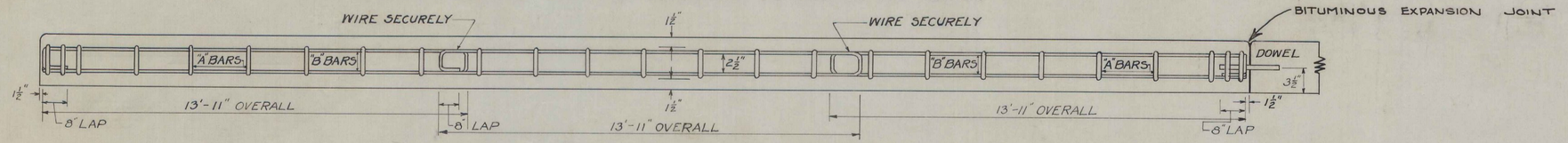
□ HIGH SUPPORTS
■ LOW SUPPORTS

REINFORCING DATA

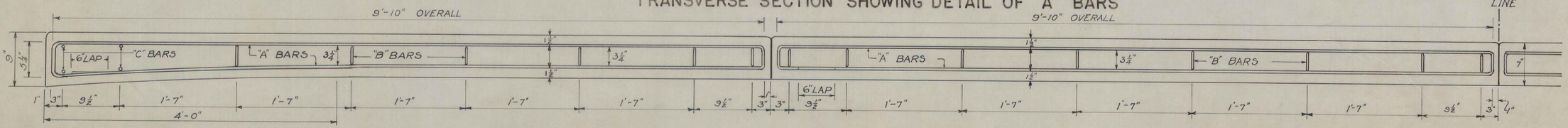
Bars ⅜" Diameter. Plain Steel = 0.376 Lbs. per Lin. Ft.
Dowels ¾" Diameter. Plain Steel = 1.502 Lbs. per Lin. Ft.
"A" Bars Bent 9'-10" overall. Lapped 6" and wired.
"B" Bars Bent 13'-11" overall. Lapped 8" and wired.
"C" Bars Straight 13'-11" long. Top and Bottom.
Dowels 2'-0" Long.
Each Outside 10'×40' Slab contains 25 "A" Bars, 18 "B" Bars and 12 "C" Bars made up in 3 Sections.
The Center 10'×40' Slab contains 25 "A" Bars, and 24 "B" Bars made up in 3 Sections.
Each Section to be securely wired before placing.
Each 10'×40' Slab contains a minimum of 42 low Supports and 42 high Supports.
Total weight of steel including dowels for a 30 foot width of pavement **10.908** lbs. per sq. yd.

Dowels must be accurately held in place perpendicular to the plane of the cross section of the pavement. One-half of the dowel shall be coated with bituminous material sufficient to break the bond, and provided with a 6 in. approved tight fitting metal cap allowing a ¾ in. expansion.

LONGITUDINAL SECTION SHOWING DETAIL OF B BARS



TRANSVERSE SECTION SHOWING DETAIL OF A BARS

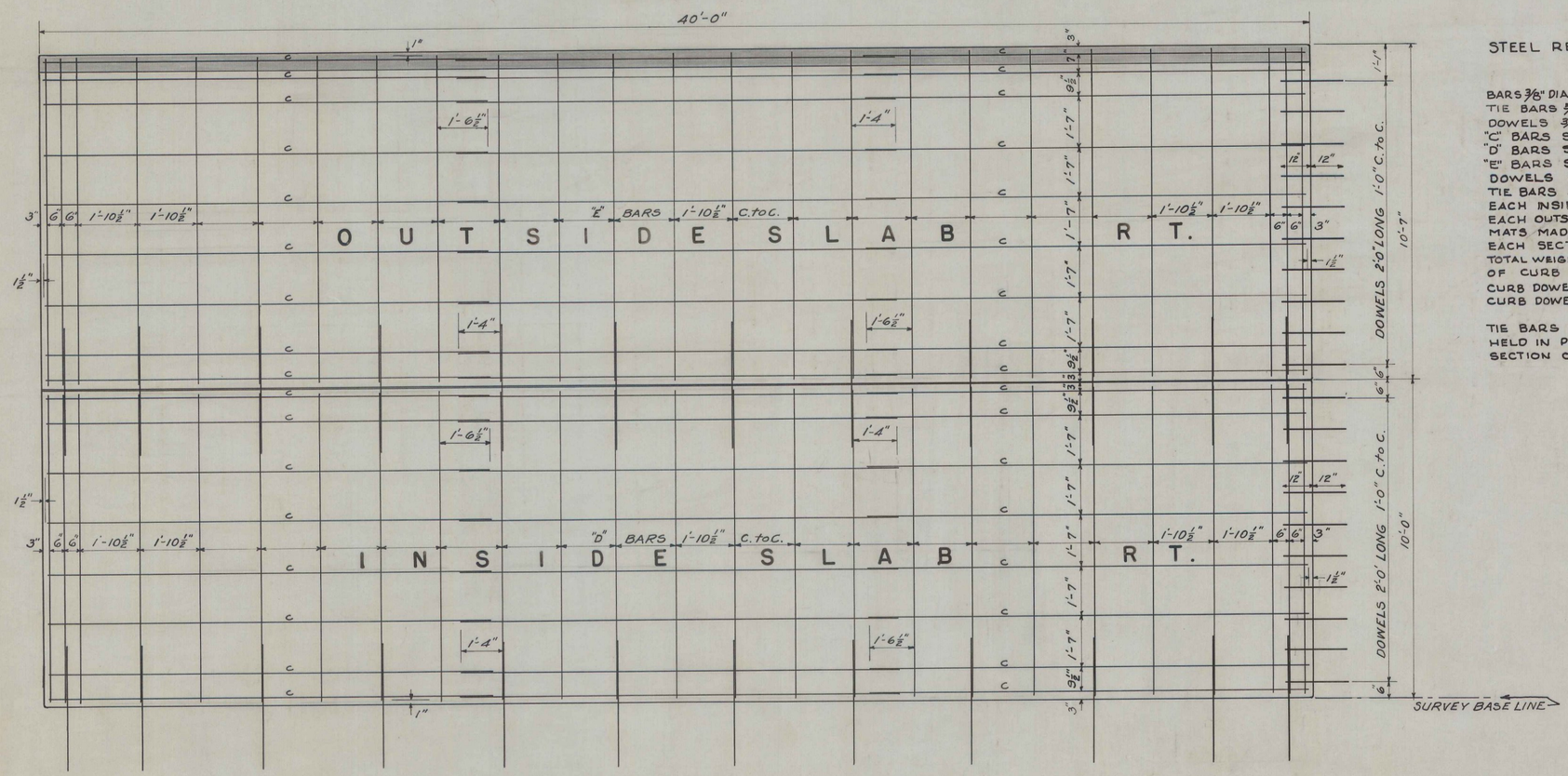


LEFT SLAB — CENTER SLAB — RT. SLAB

"E" Manchester-Augusta

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	257-F		3-A	23

PLAN OF CONCRETE BASE REINFORCEMENT



— ALL BARS ⅜" DIAM. — DOWELS ¾" DIAM. — TIE-BARS ⅝" DIAM. —

NOTE: TIE BARS MAY UNIFORMLY BE SPACED 3'-4" CENTER TO CENTER IN LIEU OF SPACING SHOWN ON PLAN.

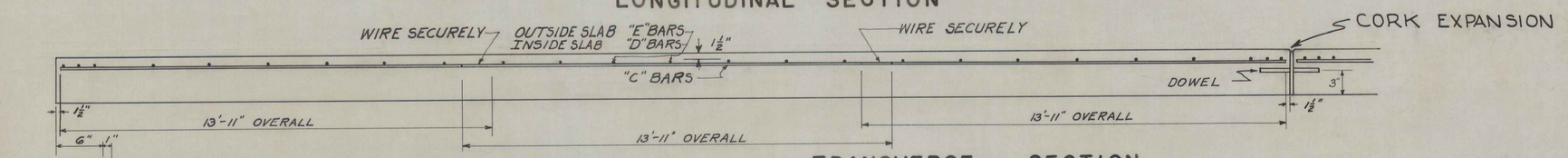
STEEL REINFORCEMENT FOR CONCRETE BASE

SINGLE MAT

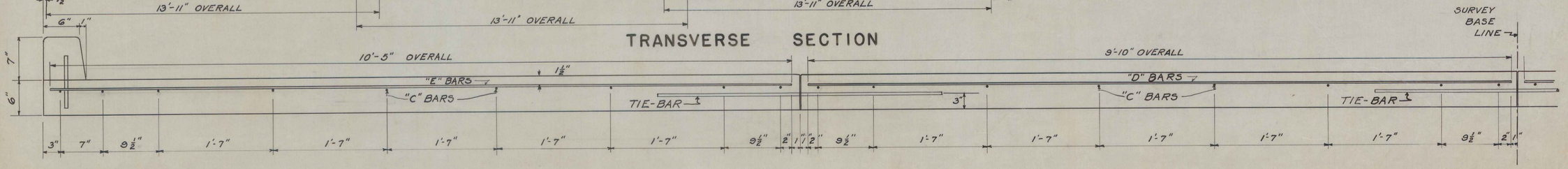
BARS ⅜" DIA. PLAIN STEEL = 0.376 LBS. PER LIN. FT.
TIE BARS ⅝" DIA. PLAIN STEEL = 1.043 LBS. PER LIN. FT.
DOWELS ¾" DIA. PLAIN STEEL = 1.502 LBS. PER LIN. FT.
"C" BARS STRAIGHT 13'-11" LONG
"D" BARS STRAIGHT 9'-10" LONG
"E" BARS STRAIGHT 10'-5" LONG
DOWELS 2'-0" LONG
TIE BARS 4'-0" LONG
EACH INSIDE 10'X40' SLAB CONTAINS 24 "C" BARS & 25 "D" BARS
EACH OUTSIDE 10'X41'-2" SLAB CONTAINS 27 "C" BARS & 25 "E" BARS
MATS MADE UP IN 3 SECTIONS
EACH SECTION TO BE SECURELY WIRED BEFORE PLACING
TOTAL WEIGHT OF STEEL FOR 41'-2" WIDTH OF PAVEMENT = 6.474 LBS. PER SQ. YD. EXCLUSIVE OF CURB DOWELS.
CURB DOWELS ½" DIA. PLAIN STEEL = 0.668 LBS. PER LIN. FT.
CURB DOWELS 9" LONG IN STANDARD CURB & 7" LONG IN DRIVEWAY CURB

TIE BARS SHALL BE INSTALLED WITHOUT BENDING AND SHALL BE ACCURATEY HELD IN PLACE PERPENDICULAR TO THE PLANE OF THE TRANSVERSE SECTION OF THE PAVEMENT.

LONGITUDINAL SECTION



TRANSVERSE SECTION



OUTSIDE SLAB LT. INSIDE SLAB LT. IN. SLAB RT.

"E" MANCHESTER - AUGUSTA.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	257-F		4	23

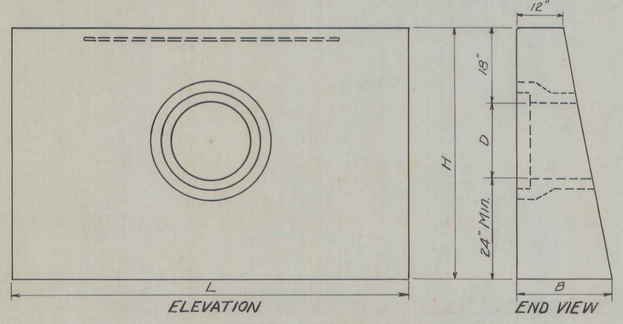
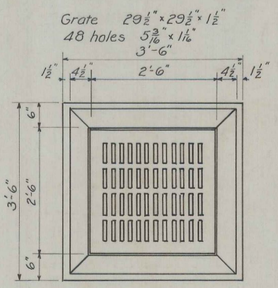
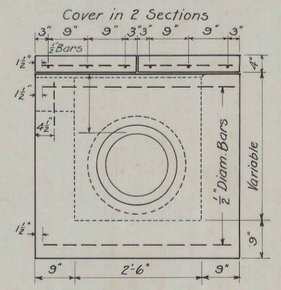


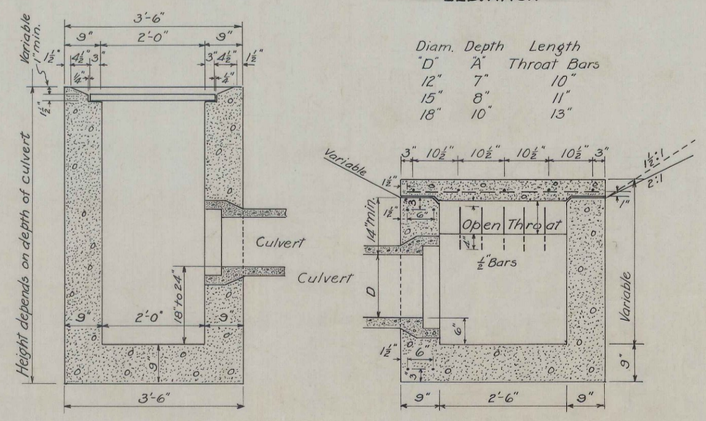
TABLE OF QUANTITIES

D	H	L	B	One end wall					
				Cast Pipe		Machine Pipe		Number of Bars	Length of Bars
				Bell End C.Y. Conc.	Spigot End C.Y. Conc.	Bell End C.Y. Conc.	Spigot End C.Y. Conc.		
12"	4'-6"	5'-9"	1'-11"	1.30	1.32	1.32	1.33	2 1/2"ϕ	4'-0"
15"	4'-9"	6'-9"	2'-0"	1.64	1.67	1.66	1.68	2 1/2"ϕ	4'-6"
18"	5'-0"	7'-9"	2'-0"	1.96	2.00	1.98	2.01	2 1/2"ϕ	5'-0"
24"	5'-6"	9'-9"	2'-2"	2.82	2.87	2.84	2.89	2 1/2"ϕ	6'-0"

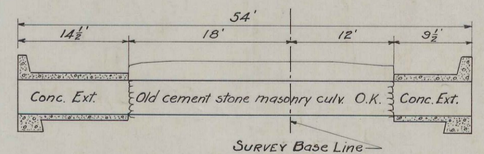


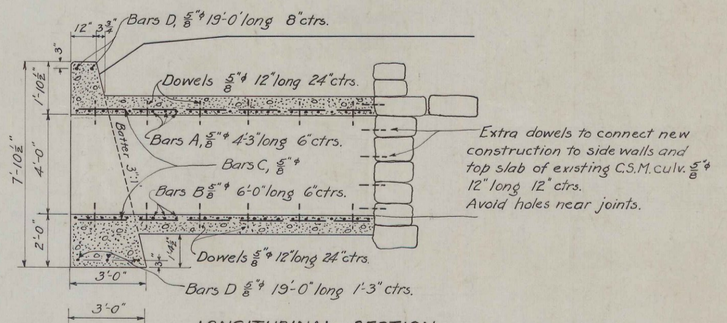


Diam. "D"	Depth "A"	Length Throat Bars
12"	7"	10"
15"	8"	11"
18"	10"	13"

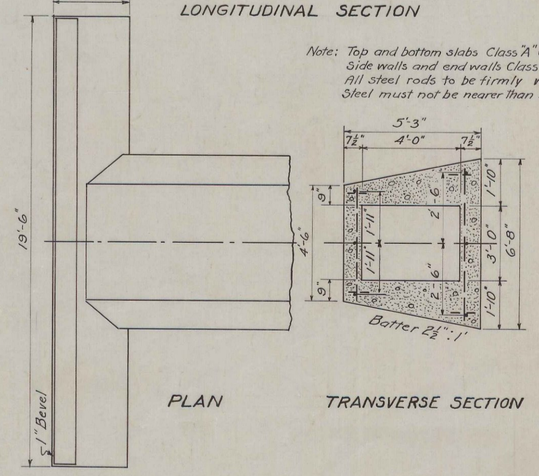


DROP INLETS





Note: Top and bottom slabs Class "A" Concrete 1:2:4.
Side walls and end walls Class "B" Concrete 1:2½:5.
All steel rods to be firmly wired at each intersection.
Steel must not be nearer than 1" to surface of concrete.



End wall flared to meet road shoulder.

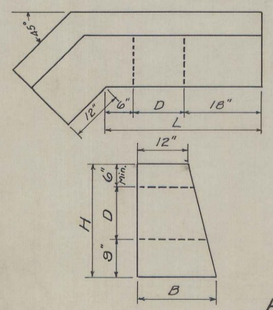


TABLE OF QUANTITIES

D	L	H	B	Rubble Masonry C.Y.
12"	3'-0"	2'-3"	1'-6"	0.44
15"	3'-3"	2'-6"	1'-6"	0.50
18"	3'-6"	2'-9"	1'-7"	0.58
24"	4'-0"	3'-3"	1'-8"	0.74

MAINE
STATE HIGHWAY COMMISSION
STANDARD DESIGN
END WALLS FOR PIPE CULVERTS
February 1932.
AND DROP INLETS
March 1935.
Scale 3/4" = 1'.

TABLE OF QUANTITIES

Length Ft.	Concrete Cu. Yds. Class A	Concrete Cu. Yds. Class B	Barrels Cement	Cu. Yds Sand	Cu. Yds Stone	Bars A ⅝"ϕ 4'-3" long 6" ctrs. No.	Bars B ⅝"ϕ 6'-0" long 6" ctrs No.	Bars C ⅝"ϕ as Required Length	Bars D ⅝"ϕ 19'-0" long 1'-3" ctrs. No.	Dowels ⅝"ϕ 12" long 24" ctrs. No.	Total weight of steel Pounds
9½	2.46	12.86	20.58	7.00	14.00	19	19	9'-0"	5	33	393
14½	3.75	14.77	25.09	8.44	16.89	29	29	14'-0"	5	41	540
Total 24	6.21	27.63	45.67	15.44	30.89	48	48	9'-0" 14'-0"	10	74	933

MAINE
STATE HIGHWAY COMMISSION
SPECIAL DESIGN
3'x4' CONCRETE BOX CULVERT
FOR EXTENSION OF
EXISTING STONE MASONRY CULV.
January 1936. Scale 3/8" = 1'.

"E" Augusta

STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	257-F		5	23

Sta 448+06 Beginning of F.A. Project No. 257-F.

LIZZIE HARTUNG

Hay Field

Construction Line

Sta 449+55.97 Back = 445+19.92 Ahead (+36.05) Eq.

P.O.T. 448.8

P.C. 450+05.78

F.E.

P.C. 452+88.93

Remains of old Wall

4 - 6" Apple Trees

Install 452+71 15"x48' R.C.P. 2 End walls

12"x26' C.M.P. N.G.

8 Apple

Billboard

Open ditch

Hay Field

Small White Birch

HILL

LIZZIE HARTUNG

P.L.

HILTON W. TRUE Est.

Δ = 27°-21' L
D = 2°-30'
T = 557.64
L = 1094.00'
R = 2292.0'

Hay Field
Install 15"x25' V.C.P. 1-End Wall

Δ = 20°-56' L
D = 2°-48'
T = 378.07
L = 747.62
R = 2046.4

Shed

Born

House

Born

Install D. Inlet Type "B"

Install D. Inlet Type "B"

P.T. 460+36.55

10" Maple
15" Apple
Pear
Pear
48" Elm
9" Maple
12" Elm
14 Pear
10 Apple
16"x16" W.S.C.R.C.
F.E.
4 Apple
9 Cherry
10" Apple
Apple
15"
8.75
Billboard
F.E.
156.24'
44°32'
P.L.
16"x33" C.M.P. N.G.
6"
4"
Apple Trees
Install 15"x58' R.C.P.
" 15"x100' R.C.P.
Install D. Inlet Type "A"

HILTON W. TRUE

Stone Base Ends -0+18 Rt. Sta 445+25

346.55

Sta 448+06 to 449+50 (Ahead) +36.05' Eq.
Variable Gravel Base

Sta 449+50 to 457+50
18" Gravel Base

Sta 457+50 to 460+50
Variable Gravel Base

Balance Point No.1.
Sta 448+06 to 488+32
Cut 6,425 c.y.
85% 5,461 c.y.
Fill 5,830 c.y.
Required 369 c.y.
From Bal. #2. 780 c.y.
Waste 411 c.y.

Wire Cable Guard Rail
Sta 452+25 to 455+69 Rt.

Sta 448+06 Beginning of F.A. Project No. 257-F.

Grade Off Approach.

+0.50%

V.C. 200'
Ex. 0.50'

Eq. +36.05'

+2.48%

Construction Profile

V.C. = 300'
Ex = 1.26'

+5.15%

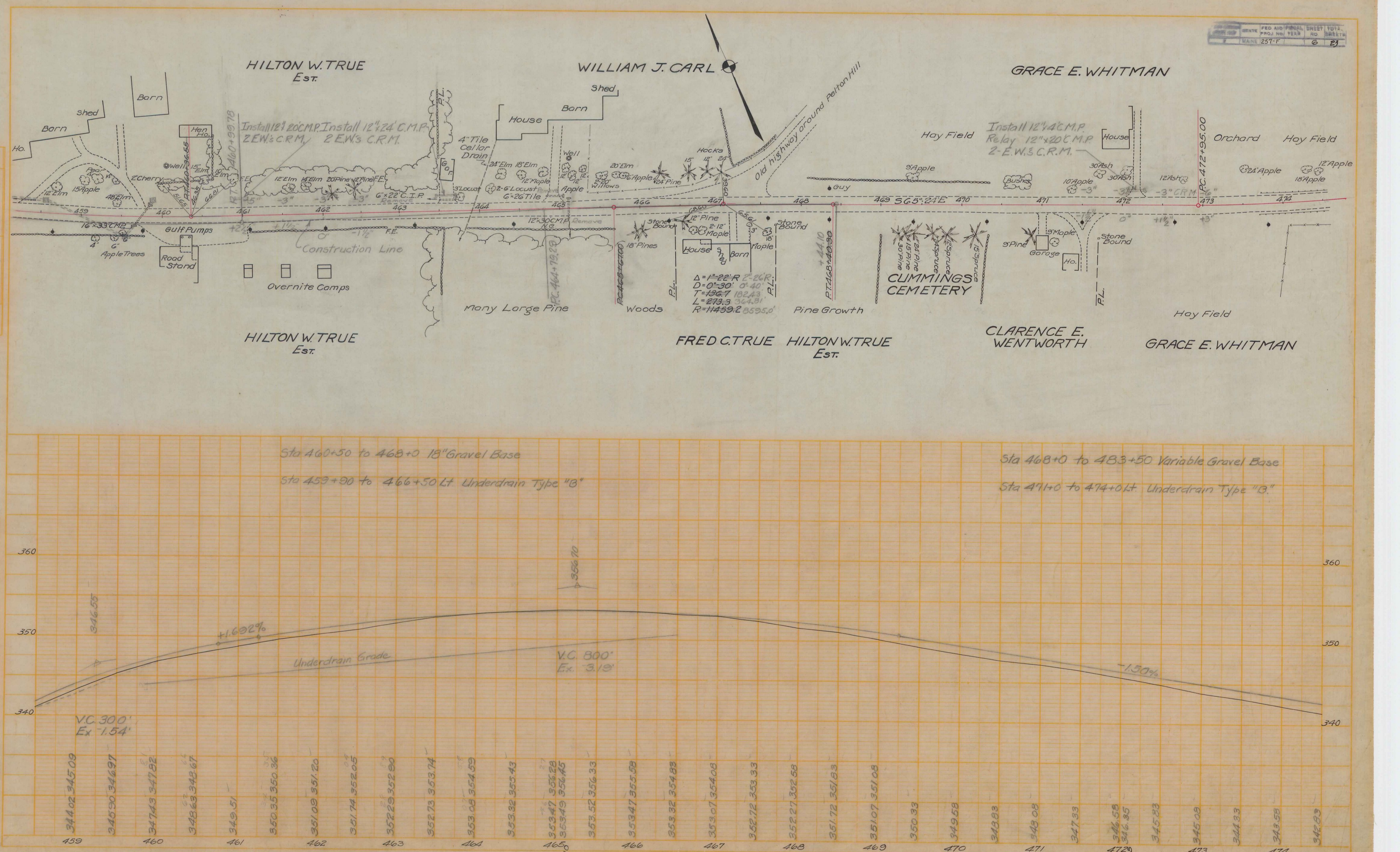
Storm Sewer

V.C. = 300'
Ex = 1.54'

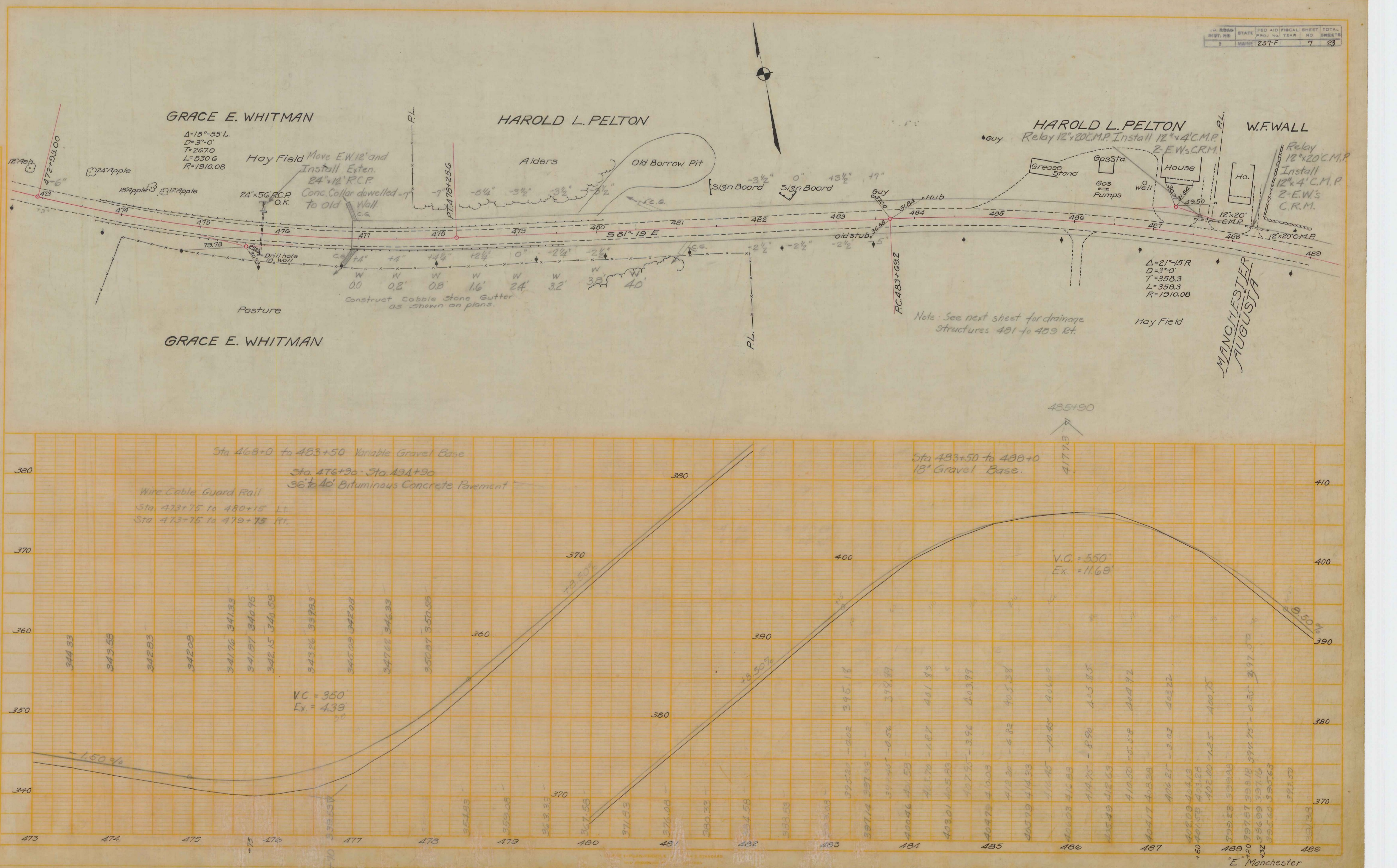
340
330
320
310
300

444 +28 445 +78 +27 446 +79 +29 447 +79 +29 448 +80 +30 449 +80 +31 450 451 452 +25 453 454 455 456 457 458 +30 459 460

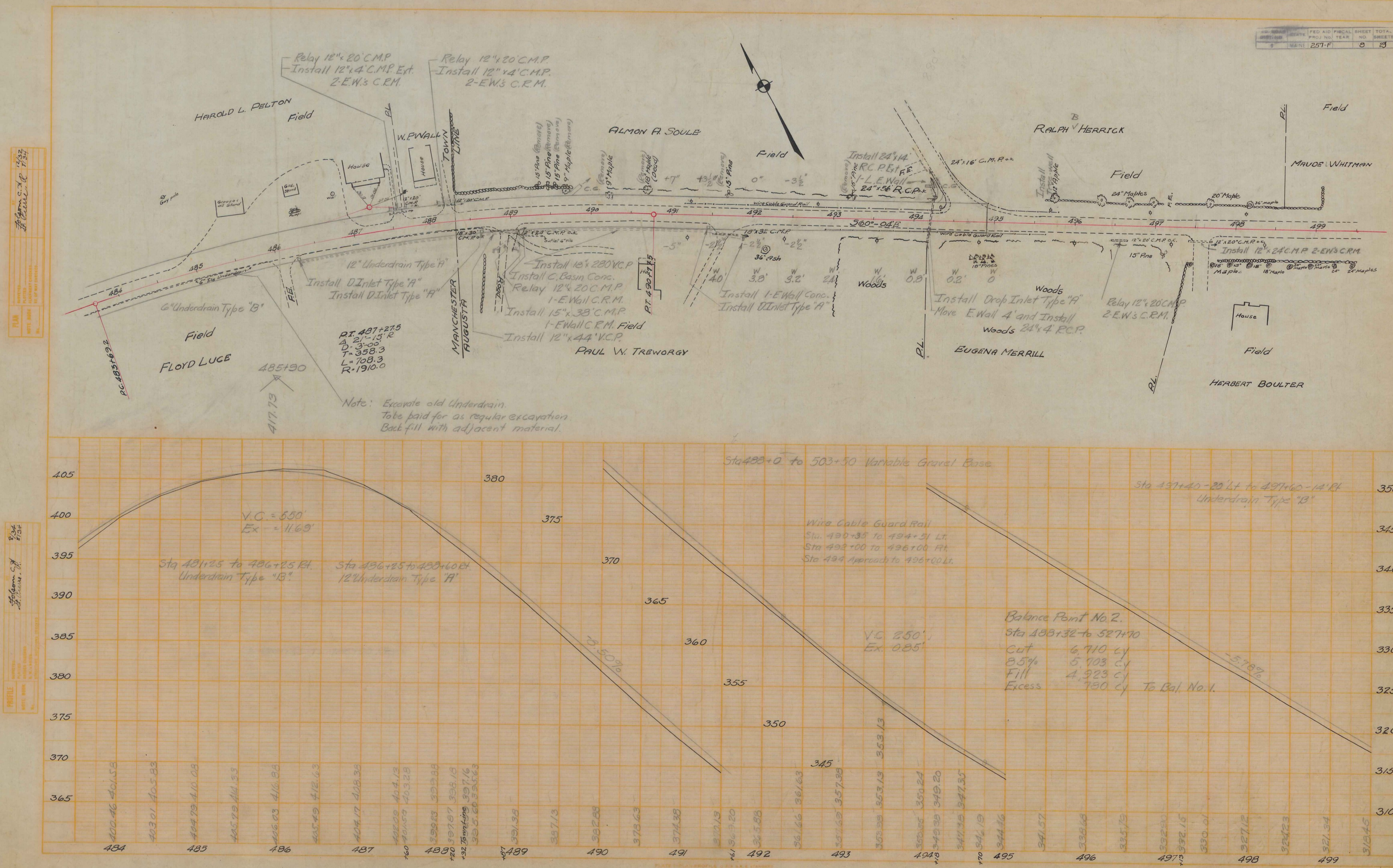
"E" Manchester



"E" Manchester



257-F
7
23
GRACE E. WHITMAN
HAROLD L. PELTON
HAROLD L. PELTON
W.F. WALL
Δ=15°-55' L.
D=3°-0'
T=267.0
L=530.6
R=1910.08
Hay Field
Move E.W. 12" and Install Exten. 24"x12" R.C.P. Conc. Collar dowelled to Old Wall.
24"x56' R.C.P. O.K.
Alders
Old Borrow Pit
Sign Board
Sign Board
Guy
Relay 12"x20' C.M.P. Install 12"x4' C.M.P. 2-E.W's C.R.M.
Grease Stand
Gas Sta.
Gas Pumps
Well
House
Ho.
Relay 12"x20' C.M.P. Install 12"x4' C.M.P. 2-E.W's C.R.M.
12"x20' C.M.P.
12"x20' C.M.P.
12" Ash
24" Apple
18" Apple
12" Apple
472+93.00
P.T. 478+25.6
P.C. 483+69.2
S 81° 19' E
Hub
old stub
Drill hole in Wall
Construct Cobble Stone Gutter as shown on plans.
Pasture
GRACE E. WHITMAN
Δ=21°-15' R
D=3°-0'
T=358.3
L=358.3
R=1910.08
Note: See next sheet for drainage structures 481 to 489 Rt.
Hay Field
MANCHESTER
AUGUSTA
P.L.
485+90
Sta. 468+0 to 483+50 Variable Gravel Base
Sta. 476+90 - Sta. 494+90
36' to 40' Bituminous Concrete Pavement
Wire Cable Guard Rail
Sta. 473+75 to 480+15 Lt.
Sta. 473+75 to 479+75 Rt.
Sta. 483+50 to 488+0
18" Gravel Base
V.C. = 350'
Ex. = 11.69'
V.C. = 350'
Ex. = 4.39'
-1.50%
+8.50%
+8.50%
-8.50%
"E" Manchester


MAINE 257-F 8 8
Relay 12" x 20' C.M.P.
Install 12" x 4' C.M.P. Ext.
2-E.W.'s C.R.M.
Relay 12" x 20' C.M.P.
Install 12" x 4' C.M.P.
2-E.W.'s C.R.M.
HAROLD L. PELTON
Field
W. P. WALL
TOWN LINE
ALMON A. SOULE
Field
RALPH HERRICK
Field
MAUDE WHITMAN
Field
Install 24" x 14' R.C.P. Ext.
1-L.E. Wall
24" x 56' R.C.P.
24" x 16' C.M.P. o.k.
Wire Cable Guard Rail
S 60°-04' E
12" Underdrain Type "A"
Install 18" x 280' V.C.P.
Install C. Basin Conc.
Relay 12" x 20' C.M.P.
1-E. Wall C.R.M.
Install 15" x 38' C.M.P.
1-E Wall C.R.M. Field
Install 12" x 44' V.C.P.
Install D. Inlet Type "A"
Install D. Inlet Type "A"
6" Underdrain Type "B"
Field
FLOYD LUCE
P.C. 483+63.2
P.I. 487+27.5
Δ 21°-13' R
D 3°-00'
T 358.3
L 708.3
R 1910.0
485+90
417.73
MANCHESTER
AUGUSTA
P.T. 490+47.5
PAUL W. TREWORGY
Install 1-E. Wall Conc.
Install D. Inlet Type "A"
Woods
Install Drop Inlet Type "A"
Move E. Wall 4' and Install 24" x 4' R.C.P.
Woods
EUGENA MERRILL
Relay 12" x 20' C.M.P.
2-E.W.'s C.R.M.
Install 12" x 24' C.M.P. 2-E.W.'s C.R.M.
House
Field
HERBERT BOULTER
Note: Excavate old Underdrain.
To be paid for as regular excavation.
Back fill with adjacent material.
Sta 488+0 to 503+50 Variable Gravel Base
Sta 497+40 - 20' Lt to 497+60 - 14' Rt.
Underdrain Type "B"
V.C. = 550'
Ex. = 11.69'
Sta 481+25 to 486+25 Rt.
Underdrain Type "B"
Sta 486+25 to 488+60 Lt.
12" Underdrain Type "A"
Wire Cable Guard Rail
Sta. 490+35 to 494+51 Lt.
Sta. 492+00 to 496+00 Rt.
Sta. 494 Approach to 496+00 Lt.
V.C. 250'
Ex. 0.85'
-5.50%
-5.78%
Balance Point No. 2.
Sta 488+32 to 527+70
Cut 6,710 c.y.
85% 5,703 c.y.
Fill 4,923 c.y.
Excess 780 c.y. To Bal. No. 1.
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499

"E" Augusta

ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	257-F		9	23

MAUDE W. R. WHITMAN

MERRILL T. LEE

Field

Barn

House

Hayfield

Barn.

Shed

Barn

House

Orchard

Hayfield

Ploughed Land

Woods

Install 3'x4'x 14½' Conc. Culv. Ext. Lt.

Install free well

Line Bushes

Install 12"x24' C.M.P. 2-E.W.'s C.R.M.

S 60°-04'E

Install 15"x24' C.M.P. 2-E.W.'s C.R.M.

Install 15"x24' C.M.P. 2-E.W.'s C.R.M.

Row Maples

3'x4'x32.5 S.B.C. Good 2 Hws.

Iron Tailing

Line Bushes

Install 12"x30' C.M.P. 2-E.W.'s C.R.M.

Install 12"x24' C.M.P. 2-E.W.'s C.R.M.

Install 3'x4'x 9½' Conc. Culv. Ext. Rt.

Woods

Hayfield

Woods

Hayfield

Field

House

Barn

Ho.

Ho.

Ho.

Orchard

HERBERT BOULTER

JOHN DIPLOCK

SHIRLEY SHAW + GRACE GORDON

EDITH SHAW

SHIRLEY SHAW + GRACE GORDON

Sta. 499+60 to 499+40 Right Undertrain Type "B"

Sta. 503+50 to 506+50 15" Gravel Base

Sta. 506+50 to 513+50 18" Gravel Base

Wire Cable Guard Rail
Sta. 501+60 to 503+44 Lt.
Sta. 502+80 to 505+44 Rt.

V.C. 450'
Ex. 5.58'
5.60

V.C. 550'
Ex. 5.33'

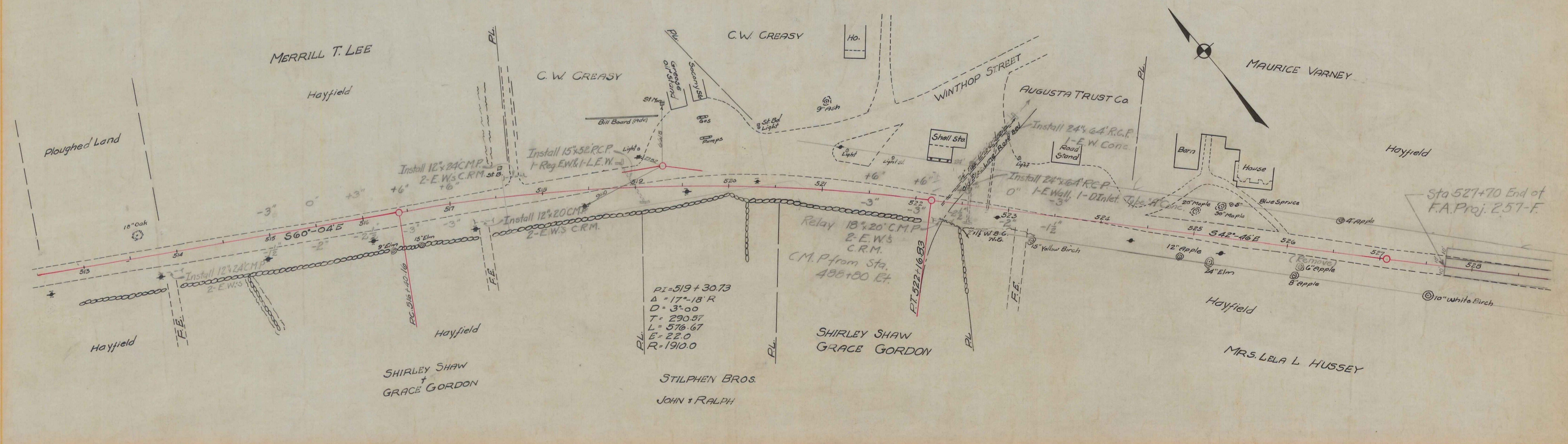
-5.79%

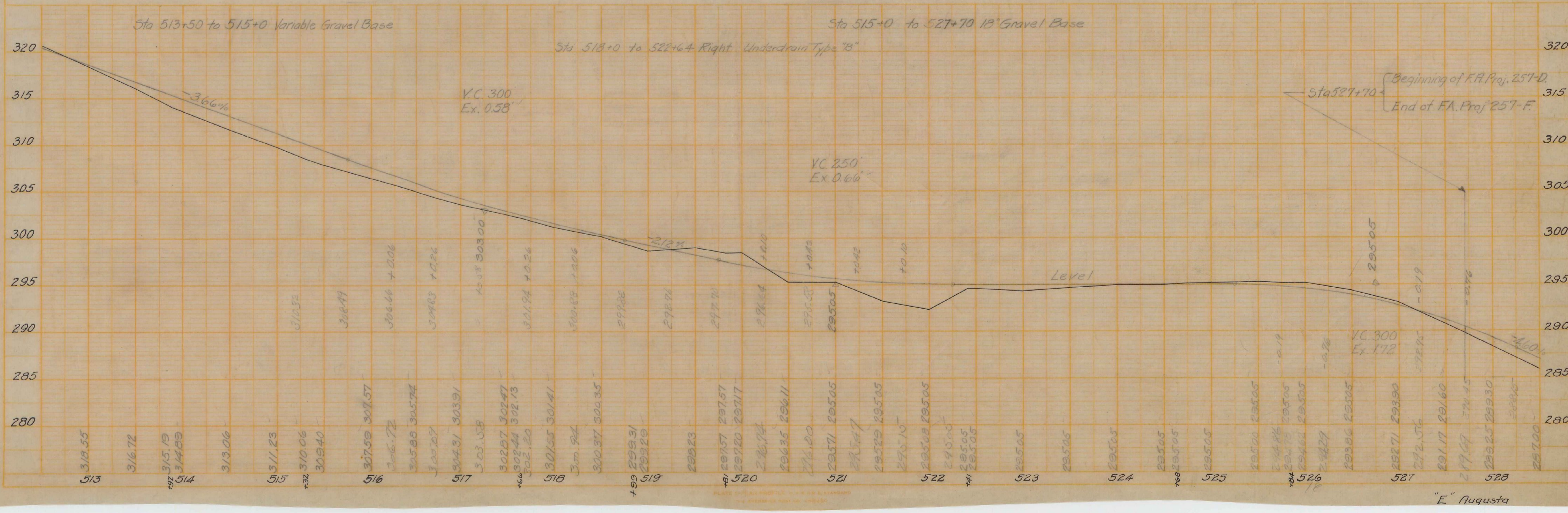
+2.19%

-3.66%

"E" Augusta

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	257-F		10	23





"E" Augusta