

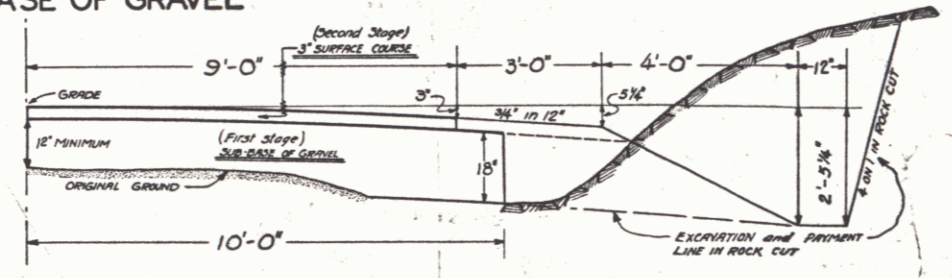
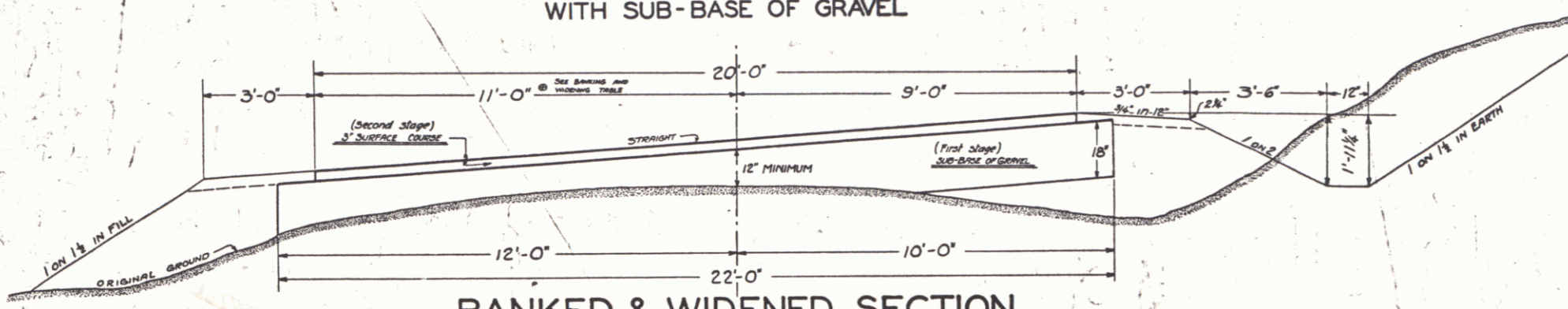
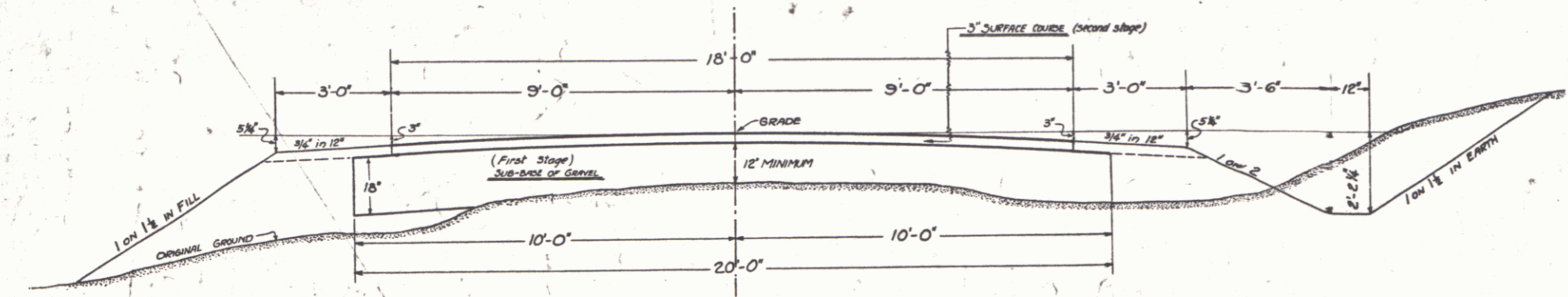
**INDEX OF SHEETS**

Sheet 1	TITLE AND TYPICAL SECTION SHEET
2-18	LAYOUT AND PROFILE SHEETS
19	STANDARD STRUCTURE SHEET 3-20 PIPE CULVERTS
20	3-21 BOX CULVERTS
21	3-22 GUARD RAIL ETC.
21-A	STANDARD CULVERT SHEET 3C-1
22-47	CROSS SECTION SHEETS

**TYPICAL SECTIONS  
MIXED IN PLACE SURFACE.**

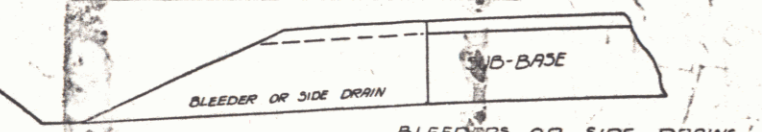
**TOWN OF  
NEW HAVEN-WALTHAM**  
Project 1930  
Pin # 00R536  
Route VT17  
Date 1/1/1930

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.
9	VT.			



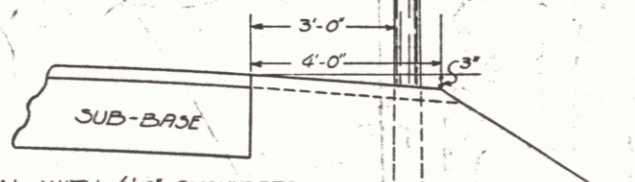
12" SUB-BASE OF GRAVEL IS TO BE USED ON FILL SECTIONS AS INDICATED ON THE LAYOUTS

Weybridge 1930  
Weybridge-New Haven-Waltham-New Haven Road Project

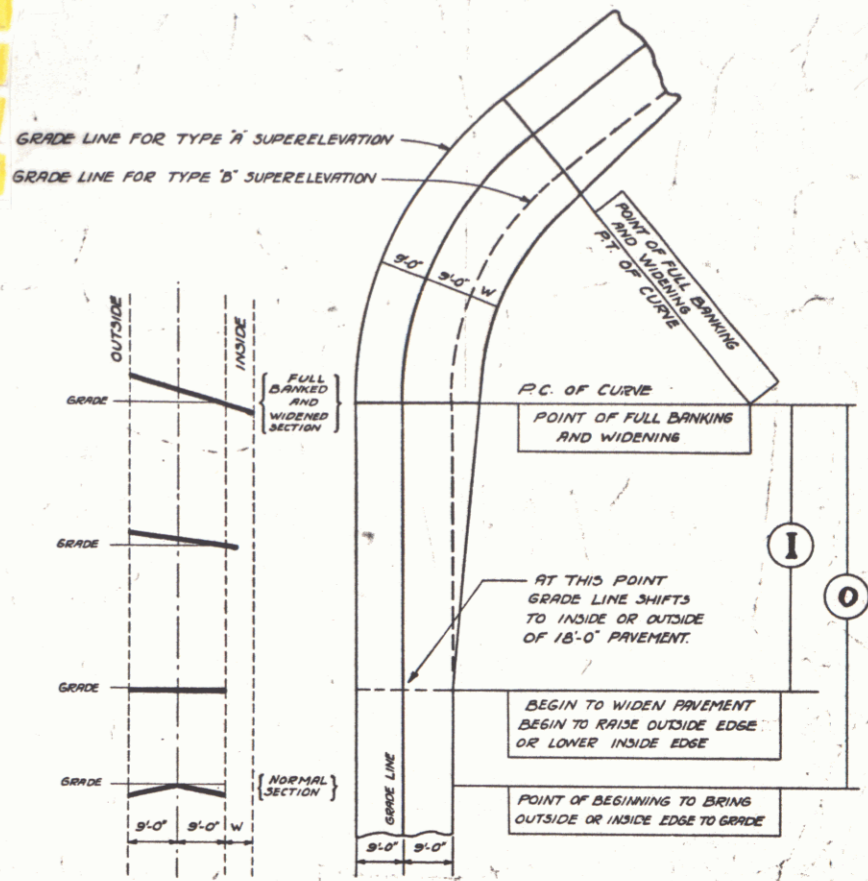
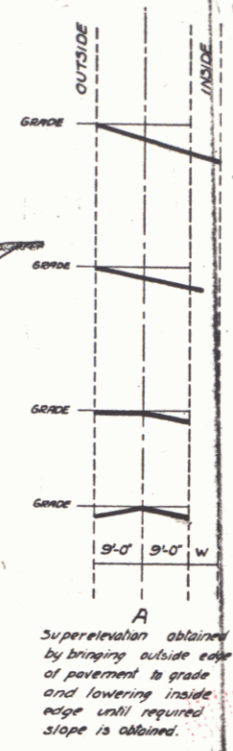


**BLEEDERS OR SIDE DRAINS**  
BLEEDERS OR SIDE DRAINS FROM SUB-BASE TO DITCH TO BE CONSTRUCTED AT 50' INTERVALS, AND SO PLACED AS TO PROPERLY DRAIN BOTH SIDES OF THE ROAD. DEPTH OF DRAIN = 3'-0" THICKNESS OF DRAIN = THICKNESS OF SUB-BASE. CONSTRUCTION METHODS AND PAYMENT TO BE SAME AS FOR SUB-BASE.

**SECTION WITH 4'-0" SHOULDERS**  
THE 4" SHOULDER IS TO BE USED AT CULVERTS WHERE A 24'-0" SECTION OF GUARD RAIL IS USED.



New Haven Waltham New Haven  
STA 193+00 MP 0.810  
STA 271+50 MP 2.39 MP 0.00  
STATIONAL MP 0.924 MP 2.41  
STA 293+75 MP 3.455



**TABLE FOR TYPE A & B SUPERELEVATION AND WIDENING OF CURVES**

DEGREE OF CURVE	FROM	TO	SLOPE OF GRAVEL	W	TRANSITION FROM 1% TO 1%	1	0
3'-0"	3'-0"	3'-0"	3/8"	NONE	130	170	
5'-0"	6'-0"	3'-0"	3/8"	2'-0"	130	170	
6'-0"	9'-0"	3'-0"	3/8"	2'-0"	140	180	
9'-0"	14'-0"	1'-0"	1"	2'-0"	150	190	
14'-0"	UP	1 1/2"	1 1/2"	3'-0"	170	210	

RI... DIVISION  
TOWN FILE  
PERPETUAL  
Town of...  
(To Be Returned To R.O.W. Division)

SHOULDER SHALL BE CONSTRUCTED OF SUITABLE MATERIAL AND THOROUGHLY ROLLED OR SATISFACTORILY COMPACTED. THE WORK SHALL BE CONSIDERED AS SUBSIDIARY WORK RESTRICTING TO EXCAVATION OR BORROW.  
SEE PARAGRAPH - B ITEM 10 - PARAGRAPH 106  
DRIVEWAYS TO BE CONSTRUCTED 30 AS TO PROVIDE SATISFACTORY APPROACHES TO PAVEMENT AT LOCATIONS SHOWN ON CROSS SECTIONS OR AS MAY BE DIRECTED BY THE ENGINEER.  
DRIVEWAY CULVERTS TO BE RETAINED AND RELIED IF NECESSARY.  
ONLY THE CULVERT HEADWALLS, AND BOX CULVERTS WHICH ARE ABSOLUTELY ESSENTIAL TO TAKE CARE OF THE DRAINAGE THROUGH THE WINTER, ARE TO BE CONSTRUCTED AS PART OF THE FIRST STAGE OF THE PROJECT.

THE ATTENTION OF THE ENGINEER IS CALLED TO THE USE OF SUB-BASE OF GRAVEL UNDER CULVERTS AND THE BACKFILLING OF THE CULVERT TRENCH WITH GRAVEL AT SUCH LOCATIONS AS ARE INDICATED ON THE CROSS SECTIONS AND AT SUCH OTHER CULVERTS AS THE ENGINEER MAY DEEM ADVISABLE.  
ALL BORROW BANKS SHALL BE STRAPPED TO THE SATISFACTION OF THE ENGINEER.

EXTENSIONS TO THE PRESENT CONCRETE BOX CULVERTS ARE TO BE DOWELLED TO THE PRESENT CULVERT WITH 1/2" DEFORMED BARS 3'-0" LONG 12% DOWELS ARE TO EXTEND AT LEAST 12" INTO THE PRESENT CULVERT AND BE PROPERLY GROUTED.

THE ATTENTION OF THE ENGINEER IS CALLED TO THE REMOVAL OF '300.0'.

**SECTION AREAS IN SQUARE FEET**

ITEM	NORMAL	WIDENED
3" SURFACE COURSE	4.50	5.25

Surveyed by  
Designed by A.J. RUNNINS  
Drawn by J.E.E.  
Traced by J.E.E.  
Checked by  
Series No. Filed  
Sheet 1 of 50 Sheet

DIST. # 5 PLANS