

REMARKS ON CONNECTION, REMARKS, RECOMMENDATION, etc.

BERKELEY LOOP LINE (BERKELEY LOOP JUNCTION, SEVERN & WYE LINE TO BERKELEY ROAD SOUTH JUNCTION,
BRISTOL & GLOUCESTER LINE). UNDERBRIDGES MAINTAINED BY L.M.S. FOR G.W. AT AGREED PRICES.

BERKELEY
SEVERN-WYE
BRISTOL & GLOUCESTER

Mileage		NAME	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost
Mis	Chs						
0	2	Pipe	3239				
At 1/2 M.P.		Occupation	3240				
1	1	Culvert	3241				
2	1	Occupation	3242				
1	1	Pipe	3243				
1	2	Culvert	3244				
1	2	Public	3245				
2	2	Pipe	3246				
1	2	Occupation	3247				
2	1	Pipe	3248				
2	1	Pipe	3249				

Number of Bridge	Mileage		Situating between Stations, nearest Station marked thus*	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
		0 & $\frac{3}{4}$	Berkeley Loop Junction & Berkeley Rd. South Junction.		1'6"		1	Under		Pipe	Earthenware pipe. Brick headwalls.	
1	At $\frac{1}{2}$ M. P.			Clawless	12'7"		1	Under		Occupation 25'10" #	Steel beams with trough plates; chaired timber longitudinals; timber deck; plate parapets.	
1A	$\frac{1}{2}$ & $\frac{1}{2}$		- do -		4'0"		1	Under		Culvert	1'1 $\frac{1}{2}$ " brick segmental arch; brick invert in concrete.	
2	- do -	- do -	- do -	Puddle Ditch	12'6"		1	"		Occupation 25'10" #	Steel beams with trough plates; chaired timber longitudinals; timber deck; plate parapets.	
	- do -	- do -	- do -		1'6"		1	Under		Pipe	Earthenware pipe. Brick headwalls.	
2A	$\frac{1}{2}$ & $\frac{1}{2}$		- do -		4'0"		1	"		Culvert	1'1 $\frac{1}{2}$ " brick segmental arch; brick invert in concrete.	
3	- do -	- do -	- do -	Gloucester-Bristol Road A36.	35'8 $\frac{1}{2}$ "	35'11"	1	"		Public 26' 1" #	3 steel main girders with cross girders and rail bearers; plate floor and parapets. Sleeper track.	
	- do -	- do -	- do -		1'6"		1	"		Pipe	Earthenware pipe.	
4	- do -	- do -	- do -	The Bell	12'6"		1	"		Occupation 25'3" #	Longitudinal pressed steel troughing with concrete filling; tubing parapets.	
	$\frac{1}{2}$ & 1		- do -		1' 6"		1	"		Pipe	Earthenware pipe. Brick headwalls.	
	- do -	- do -	- do -		1' 6"		1	"		Pipe	- do -.	

[illegible]

SEVERN & WYE JOINT LINES (BERKELEY ROAD TO PARKEND).

Corros.
Ref:

Mileage Miles	NAME	Particulars of Defects	Date Work Authorized	Particulars of Repairs or Alterations to Structure	Date Work Completed	Cost
-	Culvert	204/3. 2165				
0 22	Public	2166				
0 27	Culvert	2167				
0 36	"	2168				
0 51	"	2169				
0 63	"	2170				
1 5	"	2171				
1 8	Occupation	2172				

Number of Bridge	Mileage		Situating between Stations, nearest Station marked thus *	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
1			At Berkeley Road.		4' 6"		1	Under.		Culvert.	Three ringed brick semi-circular arch, brick side, face and wing walls, and abutments.	
2	0	22	Berkeley Road* and Berkeley.	Berkeley Road.	25' 0" 25' 0" 25' 0"	30' 8" 30' 8" 30' 8"	3	Over.		Public.	35' 0" x Four-ringed brick segmental arch, rise 7' 0", brick parapets, piers and abutments.	
2a	0	27	- ditto -		2' 0"		1	Under.		Culvert.	Stone circular arch 9" thick, stone face wall on Up side.	
2b	0	36 1/2	- ditto -		2' 0"		1	"		"	- ditto -	
2c	0	51	- ditto -		2' 0"		1	"		"	- ditto -	
2D	0	63	- ditto -		2' 0"		1	"		"	- ditto -	
2E	1	5	- ditto -		4' 0"		1	"		"	Stone circular arch 1' 2" thick, stone face walls.	
3	1	8	Berkeley Road* and Berkeley.		11' 11"		1	"		Occupation.	26' 1" x Four wrought iron trough girders, 2 cast iron outside girders, post and rail fence, timber floor and longitudinal, brick wings, abutments and pilasters. RECONSTRUCTED OCT., 1958. (SEE OPPOSITE)	

Corres.,
Ref:-

REMARKS ON CONDITION, REPAIRS, RECONSTRUCTION, &c.

Mileage Mls. Chs.		NAME	-Date- Defects -Reported	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
1	30	Occupation							
1	31	Culvert							
1	40	"							
1	41	Occupation							
1	47	Culvert							
1	47	-							
1	69	Culvert							
1	70	Occupation							

Number of Bridge	Mileage		Situating between Stations, nearest Station marked thus *	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
4	1	30	Berkeley Road* and Berkeley.		11'11"		1	Under.		Occupation.	42'9" X Four ringed brick semi-circular arch, brick wings and abutments, parapets down embankment.	
5	1	31	Berkeley Road and Berkeley*.		5'0"	5'2"	1	"		Culvert.	Three-ringed brick circular arch, brick face walls.	
5A	1	40	- ditto -		3'0"		1	"		"	Two-ringed brick circular arch, brick face walls.	
6	1	41	- ditto -		11'10"	12'10"	1	"		Occupation.	26'3" X Four wrought iron trough girders, 2 cast iron outside girders, post and rail fence, timber floor and longitudines, brick wings, abutments and pilasters.	
6A	1	47	- ditto -		3'0"		1	"		Culvert.	Two-ringed brick circular arch, brick face walls.	
			ditto - - ditto -					Over.			High tension cables on pylons.	
6B	1	69	- ditto -		4'0"	4'9"	1	Under		"	Three-ringed brick circular arch, brick face walls.	
7	1	70	- ditto -		11'11"	12'7"	1	"		Occupation.	26'0" X Four-ringed brick segmental arch, rise 4'0", brick wings, abutments, and parapets.	

Mileage		NAME	Corres., Ref:- Date Defects Reported	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost
Mls.	Chs.							
2	6½	Culvert						
2	6½	Culvert						
2	2½	-						
2	8	Occupation						
2	9	Public						
2	9							
3	37½	-						

'Continued'

Number of Bridge	Mileage		Situating between Stations, nearest Station marked thus *	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
8.	2	6 $\frac{1}{2}$	Berkeley Road and Berkeley*.		13'10" 13'6" 13'11"	14'3" 13'11" 14'4"	3	Under		Culvert.	26'0" x Four-ringed brick semi-circular arches, brick wing abutments, parapets. Bridge pier 3'0" thick.	
8A.	- ditto -	- ditto -			4'0"		1	"		"	Three-ringed brick circular arch, brick face walls.	
	2 - 2 $\frac{1}{2}$		Berkeley Road and Berkeley*.					Over			High tension cables on pylons.	
9.	2	8	At Berkeley.	Hunting.	13'7" to 8'1" 12'6" 7'11" to 13'3"	15'6"	3	Side		Occupation.	9'0" x Three timber beams and timber floor supported on two trestles, each consisting of two 12" x 12" timber piles and sill. Cross braced timber rails from parapets.	
10.	2	9	- ditto -	Wans Well Road.	21'10" 34'11"	26'6" 37'6"	2	Under		Public.	26'1" x Five-ringed brick segmental arches, rise 9'0", brick abutment, wings and parapets. Telephone wires over on poles. Brick piers thickness 13'6" to 41'6".	
	- ditto -		Berkeley & Sharpness.					Over			High tension cables on pylons.	
11.	2	37 $\frac{1}{2}$	- ditto -		15'6"	16'6"	1	Under			26'2" x Four wrought iron trough girders, 2 cast iron outside girders, post and rail fence, timber floor and longitudines, brick wings, abutments and pilasters. RECONSTRUCTED 1958 - (SEE OPPOSITE)	

Corres.

REMARKS ON CONDITION, REPAIRS, RECONSTRUCTION, &c.

Mileage		NAME	Ref:-	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
Mls.	Chs.		Date Defects Reported						
2	57 $\frac{1}{2}$	Culvert							
2	65	Occupation							
3	7 $\frac{1}{2}$	Occupation							
3	24 $\frac{1}{2}$	Public							
3	26	Culvert							
3	37	"							
3	52	Public							
3	64	Culvert							

Number of Bridge	Mileage Mls. Chs.		Situated between Stations, nearest Station marked thus *	NAME	Continued SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
					On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
114.	2	37½	Berkley* and Sharpness.		3'0"		1	Under.		Culvert.	Two-ringed circular brick arch, brick face walls.	
12.	2	65	- ditto -		20'0" 26'0" 20'0"		3	Over.		Occupation.	8'3" x Four-ringed brick segmental arches, centre arch, rise 7'0", outer arches rise 5'6", brick parapets, wings, abutments, and wing parapets. Brick pier 3'0" thick.	
13.	3	7½	Berkley & Sharpness.*		20'0" 26'0" 20'0"		3	"		ditto	12'2" x - ditto -	
14.	3	24½	- ditto -	Sanger.	25'0"	33'6"	1	Under.		Public.	26'5" x Four-ringed segmental arch, rise 8'0", brick wings, abutments and parapets. Telephone wires under.	
14A.	3	26	- ditto -		4'0"		1	"		Culvert.	Stone circular arch, 1'2" thick, stone face walls.	
14B.	3	37	- ditto -		2'0"		1	"		"	Stone circular arch, 9" thick, stone face walls.	
15.	3	52	- ditto -	Oldminster foot-bridge.	44'9" 54'7½" 48'9"		3	Over.		Public.	5'0" x Two steel plate girders forming parapets to each span, with timber floor, supported by four brick piers. Stepways in two flights at each end with steel plate sides and timber steps, supported half-way by two 10" steel stanchions. Brick piers 39½" thick.	
15A.	3	64	- ditto -		2'0"		1	Under.		Culvert.	Two-ringed brick circular arch, manhole on Up side.	

REMARKS ON CONDITION, REPAIRS, RECONSTRUCTION, &c.

Corres.		NAME	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
Mls.	Chs.							
4	17 $\frac{1}{2}$	Public						
4	17 $\frac{1}{2}$	Culvert						

'Continued'

Number of Bridge	Mileage		Situated between Stations, nearest Station marked thus *	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Open- ings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
16.	4	17 $\frac{1}{2}$	At Sharpness.		34'4" 34'4"		2	Over		Public.	15'6" X Six-ringed brick elliptical arches, rise 11'0", brick parapets, wings & wing parapets. Timber stepway down to platform in two flights, timber treads and trestles. Brick abutments and piers 4'0" thick.	
16A.	- ditto -		- ditto -		3'0"		1	Under		Culvert.	Two-ringed brick circular arch, man- hole on Up Side.	

REMARKS ON CONDITION, REPAIRS, RECONSTRUCTION, &c.

[illegible]

STRATFORD-ON-AVON LINE (BLISWORTH TO BROOM)

Mileage		NAME	-Date- Defects- Reported-	Particulars of Defects	Date Work Authorized	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
Mls	Chs								
38	18 $\frac{1}{2}$	(F.W. Railway)			5				
38	20	Public							
38	20	Culvert							
38 $\frac{3}{4}$	39	Public & Stream							
39 $\frac{1}{2}$	39 $\frac{1}{2}$	Culvert							
39 $\frac{1}{2}$	39 $\frac{3}{4}$	Culvert							
39 $\frac{3}{4}$	40	Drain							
39 $\frac{3}{4}$	40	Drain							
39 $\frac{3}{4}$	40	Culvert							
40	13 $\frac{1}{4}$	Occupation							
40	39 $\frac{1}{2}$	Public							
41	41 $\frac{1}{2}$	Culvert							
41	20 $\frac{1}{2}$	Occupation							
"	"	Culvert							
41	32 $\frac{1}{2}$	Occupation							

Number of Bridge	Mileage		Situated between Stations, nearest Station marked thus*	NAME	SPAN		No. of Openings	Under or Over	Single or Double Line	DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT		No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew				Public, Occupation or otherwise	Particulars of Construction, &c.	
96	38	18½	Stratford - Binton.	-	25'6"	29'2"	1	Under		G.W.Rly.	11'6" x Wrought Iron Main Girders, suspended timber flooring and longitudinal chair timbers. Brick abutments.	
					(RECONSTRUCTED 1943 UNDER A.F.U. SCHEME)							
97	38	20	"	-	11'10"	13'5"	1	Under		Public	14'6" x 1'6" Segmental brick arch, 3'0" rise.	
	-	-	"	-	4' 0"	-	1	Under 97 Bridge.		Culvert	- Brick.	
98	38½	39	"	Luddington Rd.	19' 6" to 19'10"	22'2" to 30'0"	1	Under		Public & Stream	11'3" x Wrought Iron Main Girders, suspended timber flooring and longitudinal chair timbers. Brick and stone abutments and piers.	
	39½	39½	"	-	3'6"	-	1	"		Culvert	Brick.	
	39½	39½	"	-	2'0"	-	1	"		"	"	
	39½	40	"	-	1'0"	-	1	"		Drain	Earthenware Pipes.	
	"	"	"	-	9"	-	1	"		Drain	" "	
	"	"	"	-	2'0"	-	1	"		Culvert	Brick Barrel.	
99	40	13½	"	-	13'7"		2	Over		Occupation	12'0" x 1'1½" Segmental Brick Arch, 3'0" rise. Brick and stone abutments and piers.	
101	40	39½	"	Luddington Rd.	21'0" to 26'0" to 21'0"	22' 6" to 27'10" to 22' 6"	3	"		Public	20'0" x 1'6" Segmental Brick Arches. Large Arch. Rise 6'0". Small Arches, Rise 5'0". Stone abutments, brick and stone piers.	
101A	41	41½	"	Drayton Brook.	9'3"	-	1	Under		Culvert	32'0" x 1'6" Segmental Brick Arch. 2'3" Rise. Stone abutment.	
102	41	20½	"	Cattle Creep.	7'10"	-	1	"		Occupation	13'6" x Stone abutments - Old Flat-bottom Rails in concrete flooring; wrought iron joists under rails.	
	"	"	"	-	2'6"	-	1	"		Culvert	Brick Barrel.	
103	41	32½	"	Cattle Creep.	8'0"	-	1	"		Occupation	13'6" x Stone abutments - Old Flat-bottom and Bullhead Rails in concrete flooring; wrought iron joists under Rails.	

Mileage Mls. Chs.		NAME	Date Defects Reported	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
41 $\frac{1}{2}$	41 $\frac{1}{2}$	Culvert							
41	42 $\frac{1}{2}$	Occupation							
"	"	Culvert							
41	51 $\frac{1}{2}$	Public							
41 $\frac{5}{8}$	42	Culvert							
"	"	Culvert							
42	42 $\frac{1}{2}$	"							
42	5 $\frac{1}{2}$	Occupation							
"	"	Culvert							
42 $\frac{1}{2}$	42 $\frac{3}{4}$	Drain							
42 $\frac{5}{8}$	43	"							
"	"	Culvert							
42	76 $\frac{1}{2}$	Public				BRIDGE NO.107, TRANSFERRED TO M. O. T. 1. A. 46. (CORRES.,39120)			
43 $\frac{1}{2}$	43 $\frac{1}{2}$	Drain							
"	"	Culvert							
43 $\frac{3}{4}$	44	Drain							
"	"	"							

Number of Bridge	Mileage		Situating between Stations, nearest Station marked thus*	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT						No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.		
104	41 $\frac{1}{2}$	41 $\frac{1}{2}$	Stratford-Binton.	-	2'6"	-	1	Under		Culvert	13'9" x	Brick Barrel.	
	41	42 $\frac{1}{2}$	- " -	Cattle Creep	7'9"	-	1	Under		Occupation		Old Flat-bottom Rails in concrete flooring, wrought iron joists under Rails.	
	"	"	"	-	2'3" to 3'0"	3'3"	1	Under		Culvert		Brick extended with concrete pipes. Stone abutments.	
105	41	51 $\frac{1}{2}$	"		18'3"	-	1	"		Public	14'0" x	Wrought iron parapet girders, compound wrought iron joists under Rails, timber floor under rails.	
	41 $\frac{1}{2}$	42	"		2'0" to 2'6"		1	"		Culvert		Brick Barrel extended with concrete tubes, brick and stone abutments.	
	"	"	Binton - Bidford.	-	1'6" to 2'6"		1	Under		Culvert		Brick Barrel.	
	42	42 $\frac{1}{2}$	"	"	2'0"		1	"		"		" "	
	106	42	52'0"	"	"	24'0" 26'0" 24'0"		3	Over		Occupation	12'0" x	1'6" Segmental Brick Arches. Central Arch - 6'3" Rise. Side Arches 5'3" Rise. Stone abutments and piers.
"		"	"	"	5'0"		1	Under		Culvert		Concrete.	
42 $\frac{1}{2}$		42 $\frac{1}{2}$	"	"	9"		1	"		Drain		Earthenware Pipes.	
42 $\frac{1}{2}$		43	"	"	1' 0"		1	"		"		" "	
"		"	"	"	3' 0"		1	Under		Culvert		Brick Barrel.	
107	42	76 $\frac{1}{2}$	Binton - Bidford.		13'2" 13'6"	15'6"	2	Over		Public	25'0" x	1'6" Segmental Brick Arches. 3'6" Rise. Stone abutments. Brick and stone piers.	
	43 $\frac{1}{2}$	43 $\frac{1}{2}$	"	"	1'0"		1	Under		Drain		Earthenware Pipes.	
	"	"	"	"	3'8"	4' 2"	1	"		Culvert		Brick.	
	43 $\frac{1}{2}$	44	"	"	1'3"		1	"		Drain		Earthenware Pipes.	
	"	"	"	"	9"		1	"		"		" "	

Corres.
Ref:-

Mileage Mls. Chs.		NAME	Date Defects Reported	Particulars of Defects	Date Work Authorised	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
44	32	Public							
44	44	Drain							
44	44	Culvert							
44	39	Public							
44	77	"							
45	18	Occupation							
45	27	River							
45	32	Flood Openings							

Number of Bridge	Mileage		Situated between Stations, nearest Station marked thus *	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT					No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Openings	Under or Over	Single or Double Line	Public, Occupation or otherwise	Particulars of Construction, &c.	
108	44	3 $\frac{1}{2}$	Binton-Bidford.	Grafton Road.	13'5"		2	Over		Public	20'3" x 1'6" Segmental Brick Arches, 3'6" Rise. Stone abutments and piers.	
	44	44 $\frac{1}{2}$	"		1' 0"		1	Under		Drain	Earthenware pipes.	
	44 $\frac{1}{2}$	44 $\frac{3}{4}$	"		4' 6"	5'6"	1	"		Culvert	Brick.	
109	44	39	"	Bidford.	13'6"	14' 4"	2	Over		Public	20'6" x 1'11" Segmental Brick Arches, 3'6" Rise. Brick abutments and piers.	
110	44	77 $\frac{3}{4}$	Bidford-Broom Jen., Broom.		13'6"	-	2	"		"	25'6" x 1'6" Segmental Brick Arches, 3'6" Rise. Stone abutments and piers.	
111	45	18 $\frac{1}{2}$	Bidford-Broom Jen., -	-	16'6" 26'6" 16'6"	-	3	Over		Occupation	12'3" x 1'6" Segmental Brick Arches. Centre Arch 6'3" Rise. Side Arches 5'0" Rise. Stone abutments and piers.	
112	45	27 $\frac{1}{2}$	" " "	River Arrow.	27'7" 34'4" 28'3" 9'0"	-	4	Under		River	11'3" x Large Spans. Wrought Iron Main Girders. Suspended Timber Floor and Longitudinal Continuous Angle Fishplated Rails.	
										Occupation	Small Span. Two rolled steel joists, (with a longitudinal continuous angle fishplated rails under each rail. Sleeper decking. Stone abutments, brick and stone piers.	
113	45	32 $\frac{1}{2}$	" " "		8'0" 20'0"	-	2	Under		Flood Openings.	13'6" x Two rolled steel joists (with a longitudinal chair timber between them) under each rail. Sleeper decking. Brick abutments and piers.	

REMARKS ON CONDITION, REPAIRS, RECONSTRUCTION, &c.

[illegible]

ABBOTS WOOD BRANCH.

Mileage		NAME	Particulars of Defects	Date Work Authorized	Particulars of Repairs or Alterations to Structure	Date Work Finished	Cost	
Mls.	Chs.							
-	40	Brick Barrel.						
-	45	- " -						
-	54	Brick Barrel.						

Number of Bridge	Mileage		Situated between Stations, nearest Station marked thus *	NAME	SPAN		DESCRIPTION OF VIADUCT, BRIDGE, TUNNEL OR CULVERT						No. of Contract, Drawing, &c.
	Mls.	Chs.			On Square	On Skew	No. of Open- ings	Under or Over	Single or Double Line	Public Occupation or otherwise Construction.	Particulars of Construction, &c.		
	-	40	Norton Junction* & Abbotswood.	Culvert 2'0" dia.,			1	Under	Double	Brick Barrel.			
	-	43	- ditto -	Culvert 2'6" dia.,			1	"	"	"			
	-	54	- ditto -	Culvert 2'0" dia.,			1	"	"	"			