

30th April, 1958.LRT.

State Electricity Commission of Victoria
ELECTRICITY SUPPLY DEPARTMENT
BALLARAT BRANCH

BALLARAT TRAMWAYS - SPECIAL WORK

w/s.
 Items marked thus X
 are mentioned under
 Conference Item 3 (a)

Location of Special Work	Specific Position In Loop, etc.	Type of Special Work	Remarks
Gregory Street	North End	Switch Tongue & Casting Open Mate Crossing	Good Condition. " " Fabricated type. Packing required under crossing. Casting cracked, Frog condition generally bad, replacement req'd.
	South End	Crossing Switch Tongue & Casting Open Mate	Fabricated type, welding required to reform groove. Condition good. Condition good. Good condition.
Seymour Street	North End.	Switch Tongue & Casting Open Mate Crossing	Condition just fair. Constant attention required. Similar condition to Switch Tongue & Casting. Condition Fair.
	South End	Crossing Switch Tongue & Casting Open Mate	Welding required to North end of Frog. Fair condition, but will need attention at an early date. New mate fabricated and in position. Condition good.
End of Double Track, Lydiard Street North.	-	Switch Tongue & Casting Open Mate Crossing	Condition good. " " Condition good, but requires welding at frog.
Cross-Over, Lydiard Street North.	West Track	Switch Tongue & Casting Open Mate Crossing	Condition fair. " " Casting broken on ends, welding required at frog.
		Crossing Switch Tongue & Casting Open Mate	Condition fair. " " " "
Curve-From North side of Sturt St. to Lydiard St.N.	Special Work- Sturt Street.	Switch Tongue & Casting Open Mate Crossing	Condition Fair. New blade fitted. Condition bad. Cracked in 5 places. Replacement required.
	North of Kerb line Sturt Street.	Crossing	Condition just fair, welded to allow for curved inner rail, check of which is worn. Condition good.

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Grant Street Loop	South-west End North-east End	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition good. Condition good, but toe of frog could need attention. Condition bad, attention required but not replacement. New crossing in position, condition good. Condition good. Condition fair.
Bridge St.- Main Road.	Special work- From City Terminus	Switch Tongue & Casting Open Mate Crossing	Casting - Condition fair. Tongue - Straightening required. Attention required at heel mechanism. Condition just fair. Attention required. Condition fair.
King Street	East End West End	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition good. Condition good, but packing required at toe. Condition good. Condition good. " " " " " "
Sturt Street, Bifucation of Grenville St.	East end West of above special work.	Switch Tongue & Casting Open Mate Crossing	Condition fair. " Fabricated type, condition fair.
Sturt Street, South side.	Adjacent to Passengers' Waiting Room.	Switch Tongue & Casting Open Mate Crossing X	Casting - Condition fair. Tongue - Showing wear. Condition fair. Condition bad. Danger to traffic. Recommend replacement.
Dawson Street Crossing (Sturt Street)	Sturt Street, South side. Sturt Street North side.	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	4'6" - Condition bad. Condition fair. Condition fair. Condition fair. 4'6" - Condition fair. Condition fair.

Location of Special Work	Specific Position In Loop, etc.	Type of Special Work	Remarks
Grey Street Loop	North End	Switch Tongue & Casting Open Mate Crossing	Condition fair. Condition fair. Good condition.
	South End	Crossing Switch Tongue & Casting Open Mate	Bad condition, casting cracked at frog and at 6 ft. from South end. Immediate attention required. Condition bad. Casting cracked at end of Blade. Attention required. Condition fair.
Bell Street	North End	Switch Tongue & Casting	Condition bad, end of casting broken. Immediate attention required.
	South End	Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition fair. Condition fair, frog requires welding. Cracked at frog. "L" pieces built up on $\frac{1}{2}$ " plate, could remain in service for a limited period. Condition fair. Casting requires packing. Condition fair.
Urquhart Street	North End	Switch Tongue & Casting Open Mate	Condition fair. Condition bad. Floor of casting broken through. Immediate attention required.
	South End	Crossing Crossing Switch Tongue & Casting Open Mate	Casting cracked at frog. Immediate attention required. Casting requires packing. Crack developing at heel of tongue. Welding would probably arrest deterioration. (Investigated.) Condition fair.
Mill Street	South End	Switch Tongue & Casting Open Mate Crossing x	Condition bad. Packing required at heel. Condition bad. Packing required under casting. Cracked at frog, South end. Replacement desired.
	North End	Crossing Switch Tongue & Casting x Open Mate	Condition fair. Packing required. Condition bad. Packing on heel. Blade badly worn. Would be desirable to replace entire casting. Condition bad. Deteriorating rapidly.

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Macarthur Street	East End	Switch Tongue & Casting Open Mate	Condition good.
	West End	Crossing Switch Tongue & Casting Open Mate	Condition good. " " " " Condition fair. Packing required to heel. Condition good.
Macarthur St. & Wendourse Parade, Special Work.	Wendourse Parade	Switch Tongue & Casting Open Mate Crossing	Condition fair. " " " "
Martin Avenue	East End	Switch Tongue & Casting Open Mate	Condition fair. Condition bad. Casting cracked at frog. Immediate attention required.
	West End	Crossing Crossing Switch Tongue & Crossing Open Mate	Condition fair. Condition bad, deteriorating rapidly. Condition bad, " Condition fair.
Tram Sheds Loop	East End	Switch Tongue & Casting Open Mate Crossing	Condition fair. Condition bad. Excess wear on blade of casting. Condition bad. Frog broken, welding necessary.
	West End	Crossing Switch Tongue & Casting Open Mate	Condition fair but frog requires welding. Condition fair. " "
Car Sheds Turn-Out.	-	Two Crossings Three Switch Tongues & Castings	One crossing - Condition fair, one crossing - Condition bad, fabricated, welding required. Two - Condition fair, and one - Condition bad. Two of these 4'6" blades.
North Gardens	North End	Switch Tongue & Casting Open Mate Crossing	Condition good. " " " "
	South End	Crossing Switch Tongue & Casting Open Mate	" " " " } Commonwealth Steel Castings.

Location of Special Work	Specific Position In Loop, etc.	Type of Special Work	Remarks
South Gardens	North End South End	Switch Tongue & Casting Open Mate Crossing Switch Tongue & Casting Open Mate Crossing	Condition good. " " " " " " " " " " " " " " "
Carlton Street	North & South Ends	As Above	As Above
Victoria Park	West End East End	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Casting - Condition fair. Old blade fitted; Condition doubtful. Condition fair. Condition fair, but will require welding at frog. Condition good. Condition fair. Condition bad, attention required. Welding would arrest deterioration.
Parker Street	West End East End	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition fair, no pin at heel of blade. Condition fair. Condition good, fabricated type in position. Condition good. Condition fair. " "
Pleasant Street (At Sturt St.)	End of Double-Track	Switch Tongue & Casting Open Mate Crossing	Condition good. " " " "
Victoria Avenue	Loop out of service		
Sturt Street, South side.	Curve to Ripon St. North	Switch Tongue & Casting Open Mate Crossing Crossing	Condition fair. " " " " Condition just fair.
Sturt Street, North side.	As above	Single Track Crossing	Condition just fair. Welding is required on ends of crossing.

Location of Special Work	Specific Position In Loop, etc.	Type of Special Work	Remarks
Ripon Street North	North of Sturt St. Curve from Ripon St. N. to City.	Switch Tongue & Casting Open Mate Crossing	Condition fair. 4'6" Blade. Condition fair. Condition good.
Sturt Street	East of Ripon St.	Switch Tongue & Casting Open Mate	Condition good. Packing required at heel of casting. Condition good.
Sturt Street, South side.	Curve from City to Sebastopol. South of South Kerb line, Sturt Street.	Switch Tongue & Casting Open Mate Crossing X Crossing Switch Tongue & Casting Open Mate	Condition just fair. Re-building required on blade. Condition just fair. Cracked at frog, immediate attention required. Condition bad, cracked through at frog. Immediate attention required. Condition good. Fabricated type in position. Condition fair.
Sturt Street, South side.	Curve from City to Drummond St. North	Switch Tongue & Casting Open Mate Crossing	Condition fair. Ends of Casting showing signs of wear, welding required. Deterioration noticed. Welding required to arrest wear. Condition good.
Intersection of Sturt Street & Drummond St.		Diamond Crossing	Condition fair, welding required on outer rail Sebastopol end. Check on inner rail worn. Fabricated type in position approx. 1951.
Sturt Street, South side.	Curve from Sebas. to City	Switch Tongue & Casting Open Mate Single-Line over Double-Line Crossing Crossing	Condition fair. " " " " Condition just fair. Immediate attention required at North end of crossing.
Drummond Street North	Curve from Drummond Street to City. North of North Building line, Sturt Street	Switch Tongue & Casting Open Mate Crossing	4'6" Blade. Condition just fair. Welding required. Condition just fair, ends of casting require welding. Condition just fair, attention required, packing and welding.

Location of Special Work	Specific Position In Loop, etc.	Type of Special Work	Remarks
Sturt Street, North side.	East of East building line, Drummond St.	Crossing Switch Tongue & Casting Open Mate Crossing × Switch Tongue & Casting × Open Mate ×	Fabricated type in position, good condition. Condition fair " " Condition bad. Floor of casting broken, immediate replacement required. Condition bad, replacement of casting desired. Condition bad. Immediate replacement desired.
Drummond-Sturt Intersection	Curve from South side of Sturt St. to Drummond North	Crossing Single-Track over Double-Track Crossing Switch Tongue & Casting Open Mate	Condition fair. " " Condition fair, but blade worn. Condition fair.
Sturt Street, North side.	Curve from Sturt St. to Lydiard St. N. Lydiard St. North of kerb line, Sturt St. North side. North of North building line, Sturt Street.	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition fair. New blade fitted and in service, 1955. Condition bad. Casting cracked in 5 places, immediate replacement. Condition fair. Constantly being welded on gauge line to compensate for wear on check of inner rail. Good Condition. Condition fair. " "
Lydiard Street North	Curve from Lydiard St. North to Sturt St. Sturt Street, end of curve.	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition fair. 7'6" blade. Condition fair, but new rail required for 18" on south side of this casting. Condition fair, welding required on frog. Condition fair, one groove ramped for through traffic. Condition fair. " "
Sturt Street, South Side.	East of Lydiard Street.	Switch Tongue & Casting Open Mate Crossing	Condition fair, Switch Tongue without pin at heel. Fabricated type, Condition bad; This unit not generally in use. Condition fair. Crossing ramped on straight-through rail, welding required on east end of straight-through leg of crossing.

Location of Special Work	Specific Position In Loop, etc.	Type of Special Work	Remarks
Intersection of Sturt and Lydiard Streets.	North side of Sturt Street, South of previous crossing.	Single-Track crossing over Double-Track. Diamond Crossing	Condition bad. Attention required in all joints. Section of crossing broken. Condition fair. Gauge line on each leg worn. Welding required.
Sturt Street, North Side	At City Terminus.	Crossing	Condition bad. Cracked at frog. Constantly in need of attention.
Diamond-Sturt Intersection	Curve from South side of Sturt St. to Diamond North	Switch Tongue & Casting Open Mate	Condition bad. Ball of rail worn and broken on ends. Immediate attention required. Fair condition, but showing definite signs of wear.
Sturt Street, North side.	Curve from Sturt St. to Lydiard St. N. Lydiard St. North of kerb line, Sturt St. North side. North of North building line, Sturt Street.	Open Mate Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition fair. New blade fitted and in service, 1955. Condition bad. Casting-cracked in 5 places, immediate replacement. Condition fair. Constantly being welded on gauge line to compensate for wear on cheek of inner rail. Good Condition. Condition fair.
Lydiard Street North	Curve from Lydiard St. North to Sturt St. Sturt Street, end of curve.	Switch Tongue & Casting Open Mate Crossing Crossing Switch Tongue & Casting Open Mate	Condition fair, 7 1/2" blade. Condition fair, but new rail required for 18" on south side of this casting. Condition fair, welding required on frog. Condition fair, one groove ramped for through traffic. Condition fair.
Sturt Street, South Side.	East of Lydiard Street.	Switch Tongue & Casting Open Mate Crossing	Condition fair, Salvoe tongue without pin at heel, fabricated type, Condition bad; this will be generally in use. Condition fair. Crossing raised on straight-through rail, welding required on east end of straight-through leg of crossing.