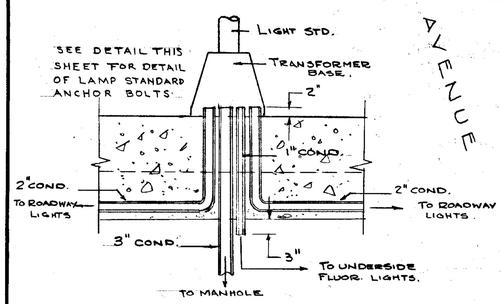
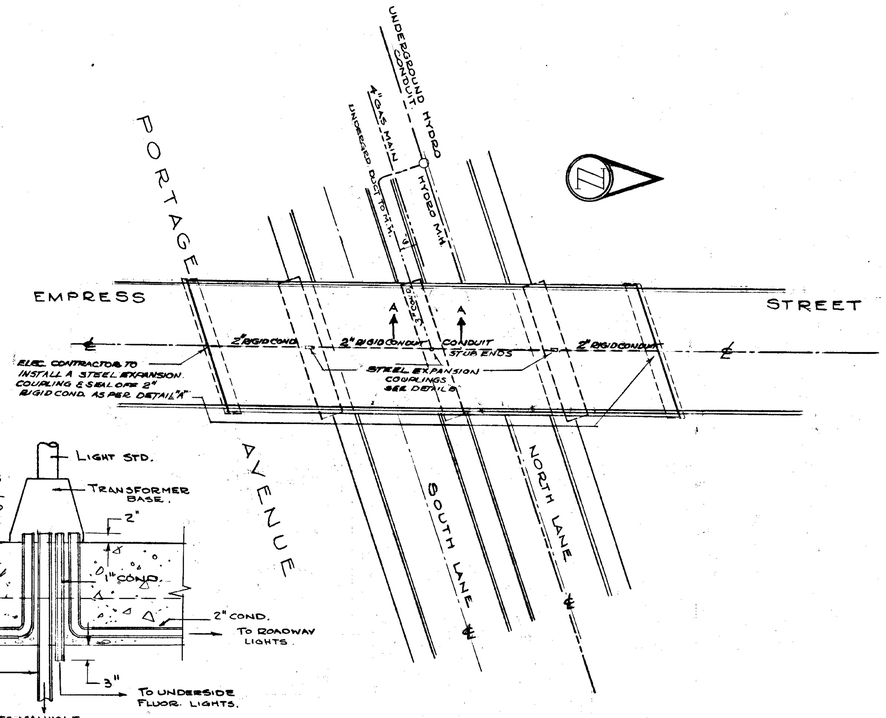


DETAIL-SECT. A-A

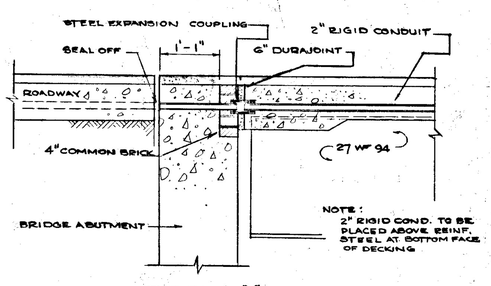
1" = 1'-0"



SITE PLAN

CONDUIT LAYOUT

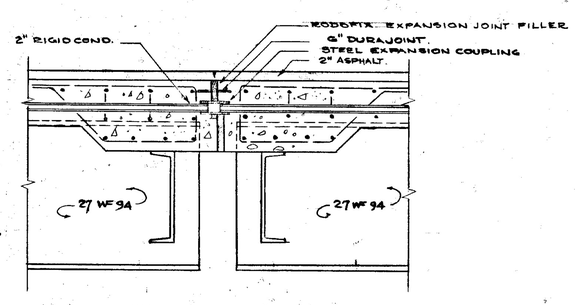
1" = 30'-0"



DETAIL "A"

EXPANSION COUPLING

3/4" = 1'-0"

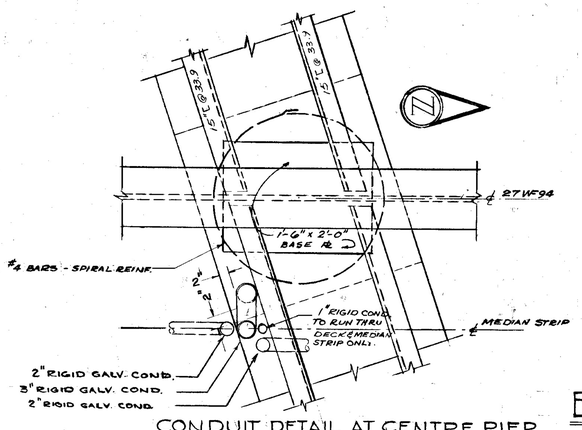


DETAIL "B"

EXPANSION COUPLING

1" = 1'-0"

NOTE:
LUBRICATE ONE END ONLY OF STEEL EXPANSION COUPLING AT EACH EXPANSION JOINT TO PREVENT BONDING TO CONCRETE.



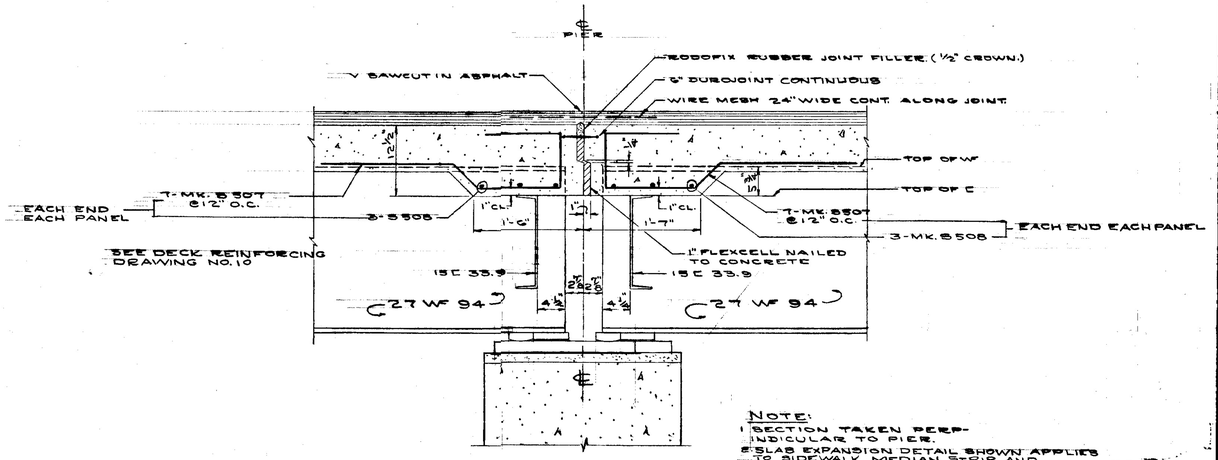
CONDUIT DETAIL AT CENTRE PIER

1" = 1'-0"

NOTE:

1. 3" RIGID COND. TO BE LAID IN CONCRETE DUCT 9" x 9" WITH MIN. COVER OF 3" CONC. FROM ℄ PIER TO UTILITY M.H.
2. DUCT TO BE INSTALLED APPROX. 4'-6" BELOW GRADE. EXACT LOCATION OF M.H. ENTRANCE TO BE DETERMINED BY POWER UTILITY DURING CONSTRUCTION.

ELECTRICAL DETAILS



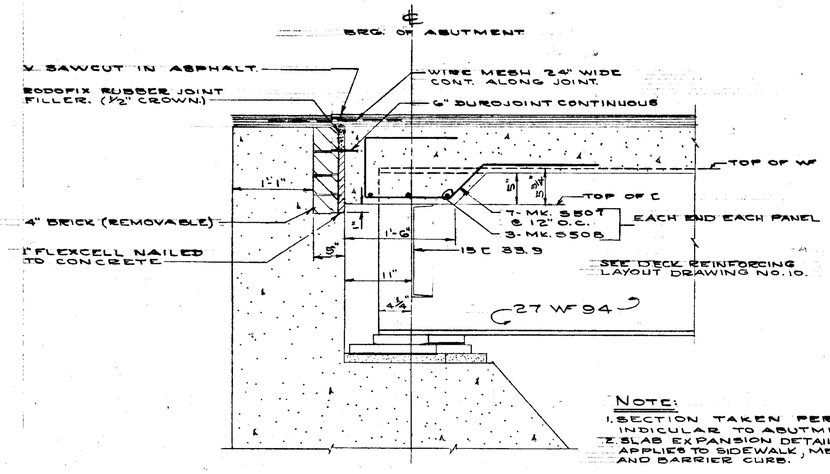
NOTE:
1. SECTION TAKEN PERPENDICULAR TO PIER.
2. SLAB EXPANSION DETAIL SHOWN APPLIES TO SIDEWALK, MEDIAN STRIP AND BARRIER CURB.

DECK BEAM & EXPANSION

DETAILS AT PIER

SLAB REINF NOT SHOWN

SCALE: 1" = 1'-0"



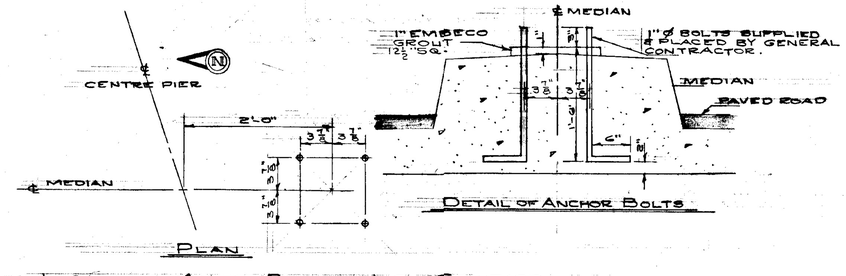
NOTE:
1. SECTION TAKEN PERPENDICULAR TO ABUTMENT.
2. SLAB EXPANSION DETAIL SHOWN APPLIES TO SIDEWALK, MEDIAN STRIP AND BARRIER CURB.

DECK BEAM & EXPANSION

DETAILS AT ABUTMENT

SLAB REINF NOT SHOWN.

SCALE: 1" = 1'-0"



PLAN

DETAIL OF ANCHOR BOLTS

LOCATION OF ANCHOR BOLT FOR LIGHT STANDARD

SCALE 1" = 1'-0"

REVISIONS			
No.	DESC.	DATE	BY
1	ANCHOR BOLT SPACING CHANGED	AUG. 29/58	T.O.
2	DIAPHRAGM DIMENSIONS	JUNE 1959	T.O.

B-5072-10

PROVINCE OF MANITOBA — K. A. HAND — REGISTERED ENGINEER

PROVINCE OF MANITOBA — R. W. McKNIGHT — REGISTERED ENGINEER

W. L. WARDROP & ASSOCIATES (MANAGEMENT) LTD.
ENGINEERING CONSULTANTS
WINNIPEG CANADA

EXPANSION, ELECTRICAL & DECK DETAILS

PORTAGE AVENUE OVERPASS
POLO PARK DEVELOPMENT

Scale: AS SHOWN.	Date: JULY 31, 1958
Designed By: R.W.McK & K.A.H	Project No. 5868
Drawn By: R.B. & T.O.	Drawing No. 9
Checked By: RWM., K.A.H., H.B.M.	