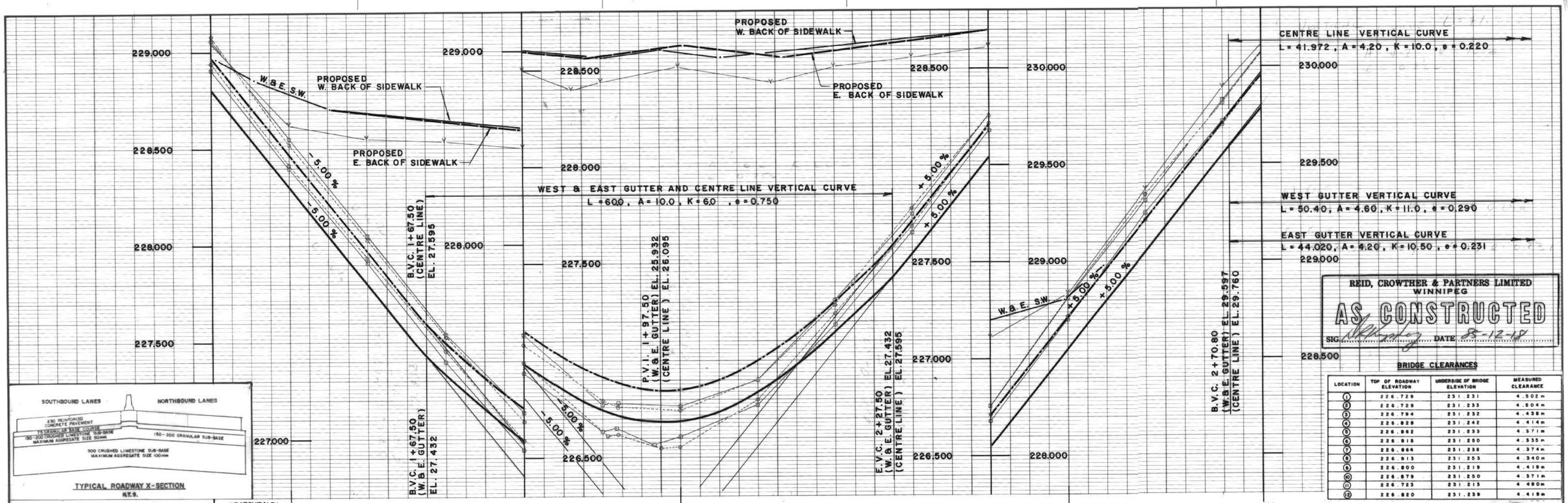


REID, CROWTHER & PARTNERS LIMITED
WINNIPEG
AS CONSTRUCTED
SIG. [illegible] DATE 88-12-18

TYPICAL ROADWAY X-SECTION
N.T.S.

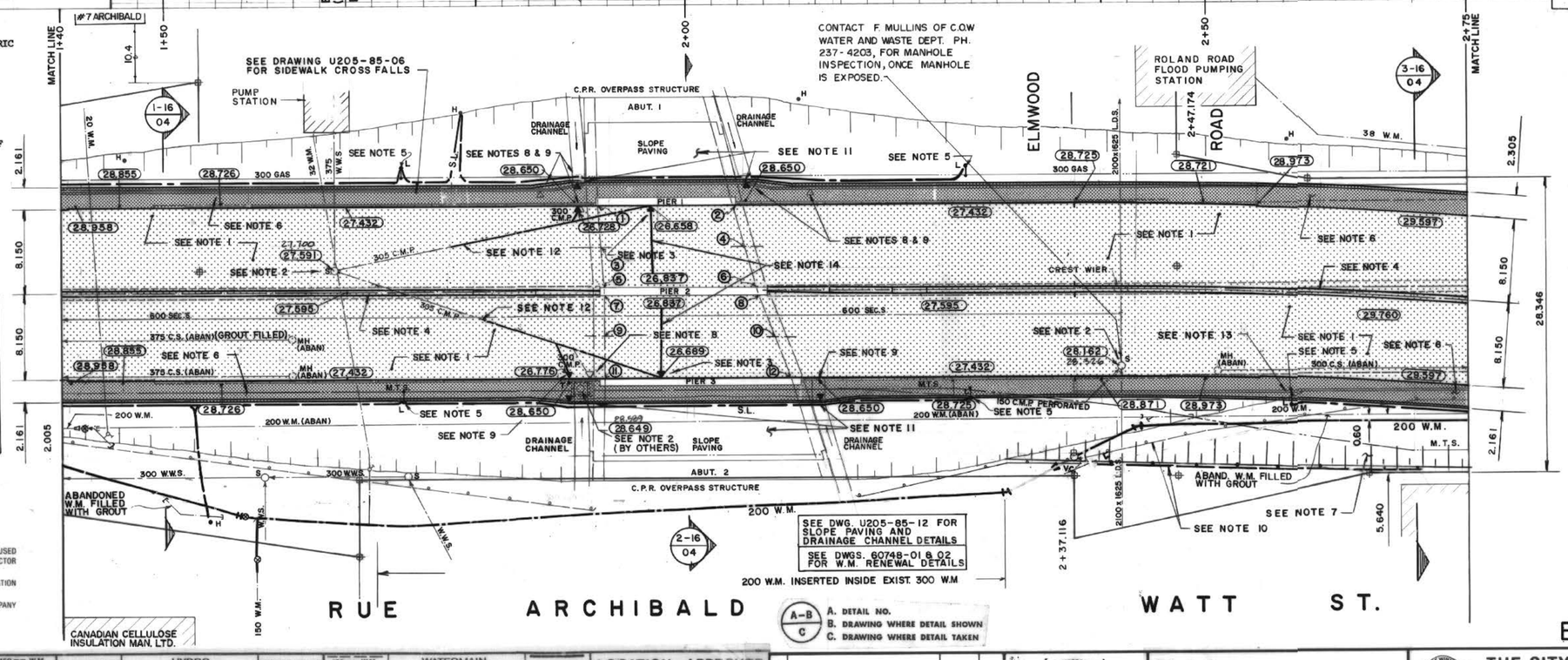
BRIDGE CLEARANCES

LOCATION	TOP OF ROADWAY ELEVATION	UNDERSIDE OF BRIDGE ELEVATION	MEASURED CLEARANCE
1	226.729	231.231	4.502 m
2	226.729	231.233	4.504 m
3	226.794	231.232	4.438 m
4	226.828	231.242	4.414 m
5	226.862	231.233	4.371 m
6	226.915	231.250	4.335 m
7	226.864	231.238	4.374 m
8	226.913	231.253	4.340 m
9	226.800	231.219	4.419 m
10	226.879	231.250	4.371 m
11	226.723	231.213	4.490 m
12	226.820	231.239	4.419 m

REFERENCE NOTES

A. SEE DRAWING U205-85-02 FOR GEOMETRIC LAYOUT.
B. LEGAL PLAN SHEET NO. Y27.
C. GEM 27-013 ELEVATION 232.760.
D. ADD 200.000 TO OBTAIN GEODETIC DATUM.
E. PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
F. RCPL FIELD BOOK NOS. 3093, 3159, 3193, 3194

M.T.S. DUCT LINE ELEVATIONS AND COVERAGE INFORMATION			
STATION	DUCT ELEV.	DESIGN SLOPE	DUCT COVER
2+37.3	28.665	4:1	0.419
2+40.0	28.957	4:1	0.142
2+43.5	29.335	3:1	0.078
2+50.0	29.893	3:1	0.045
2+61.0	30.193	4:1	0.155
2+77.0	30.425	5:1	0.636



A-B / C
A. DETAIL NO.
B. DRAWING WHERE DETAIL SHOWN
C. DRAWING WHERE DETAIL TAKEN

CONSTRUCTION NOTES

1. REMOVED EXISTING 200 MM REINFORCED CONCRETE PAVEMENT C/W ASPHALT OVERLAY AND CONSTRUCTED NEW 230 MM (REINFORCED) CONCRETE PAVEMENT.
2. ADJUSTED MANHOLE TO GRADE.
3. INSTALLED NEW DRAINAGE INLET FRAME AND COVER. SEE DRAWINGS U205-85-12 AND U205-85-13 FOR DETAILS.
4. CONSTRUCTED CONCRETE TRAFFIC BARRIERS. SEE DRAWING U205-85-09 FOR DETAILS.
5. INSTALLED NEW STREETLIGHT STANDARDS (BY OTHERS).
6. CONSTRUCTED NEW 150 MM APPROACH SIDEWALK SLAB C/W HANDRAIL. SEE DRAWINGS U205-85-07 AND U205-85-08 FOR DETAILS.
7. REGRADED EMBANKMENT TO SUIT.
8. ABANDONED EXISTING DRAINAGE INLETS.
9. INSTALLED NEW DRAINAGE INLET. SEE DRAWING U205-85-12 AND U205-85-13 FOR DETAILS.
10. RELOCATED EXISTING FLEX-BEAM GUARDRAIL.
11. SEE DRAWING U205-85-12 FOR SLOPE PROTECTION AND DECK DRAIN MODIFICATIONS.
12. INSTALLED NEW 300 MM L.D.S. AND CONNECTED TO EXISTING 305 C.M.P. WITH MODIFIED C.M.P. COUPLING.
13. REMOVED EXISTING RETAINING WALL. SEE DRAWING U205-85-16 FOR DETAILS.
14. INSTALLED PERFORATED PLASTIC SUB-BASE DRAIN COMPLETE WITH POLYESTER FILTER SOCK.

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO		150 mm W.M.	WATERMAIN	
	HYDRANT			M.T.S.			HYDRANT	
	VALVE			CONCRETE PAVT.			VALVE	
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.		ASPHALT		300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.
250 mm SEC.S.	SECONDARY SEWER	250 mm SEC.S.		PROPERTY LINE		250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
	MANHOLE			SURVEY BAR			℄ PAVEMENT	
	CATCH BASIN			SIDEWALK RAMP			WEST GUTTER	
	CURB INLET		32.000	ELEVATIONS	(32.000)		EAST GUTTER	
	JUNCTIONS			CONCRETE SIDEWALK			WEST SIDEWALK	
	CULVERT		S.L.	STREET LIGHTING			EAST PROPERTY LINE	
	GAS		T.S.	TRAFFIC SIGNALS			PRIVATE WALK/SILL	

LOCATION APPROVED
UNDERGROUND STRUCTURES
[illegible] APR 22/85
SUPV. U/G STRUCTURES DATE
COMMITTEE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	APP.
1	AS CONSTRUCTED	NOV 85	[illegible]

PROVINCE OF MANITOBA — 85-04-22 — L. R. VIGFUSSON — REGISTERED ENGINEER
ENGINEER'S SEAL

Reid Crowther — Reid Crowther & Partners Ltd. Engineers-Planners-Scientists

DESIGNED BY: L.R.V.	DRAWN BY: P.A.L./ R.A.C.
CHECKED BY: D.R.K.	DATE: 85 02 11 / JOB NO: 60709-05
APPROVED BY: [illegible]	DATE: 85/04/22

THE CITY OF WINNIPEG
WORKS & OPERATIONS DIVISION
STREETS & TRANSPORTATION DEPARTMENT

RUE ARCHIBALD UNDERPASS
C.P.R. KEEWATIN SUBDIVISION
PAVEMENT RECONSTRUCTION AND RELATED WORKS
RUE ARCHIBALD/ WATT STREET
STA. 1+40 TO STA. 2+75

AUTHORIZED BY	[illegible], P.Eng. STREETS & BRIDGES ENGINEER	1985-04-30 DATE
ACCEPTED BY	[illegible] BRIDGE ENGINEER	1985 04 30 DATE
SCALE HOR. 1:250 VER. 1:10	DRAWING NO. U205-85-04	

B-5539-4

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES