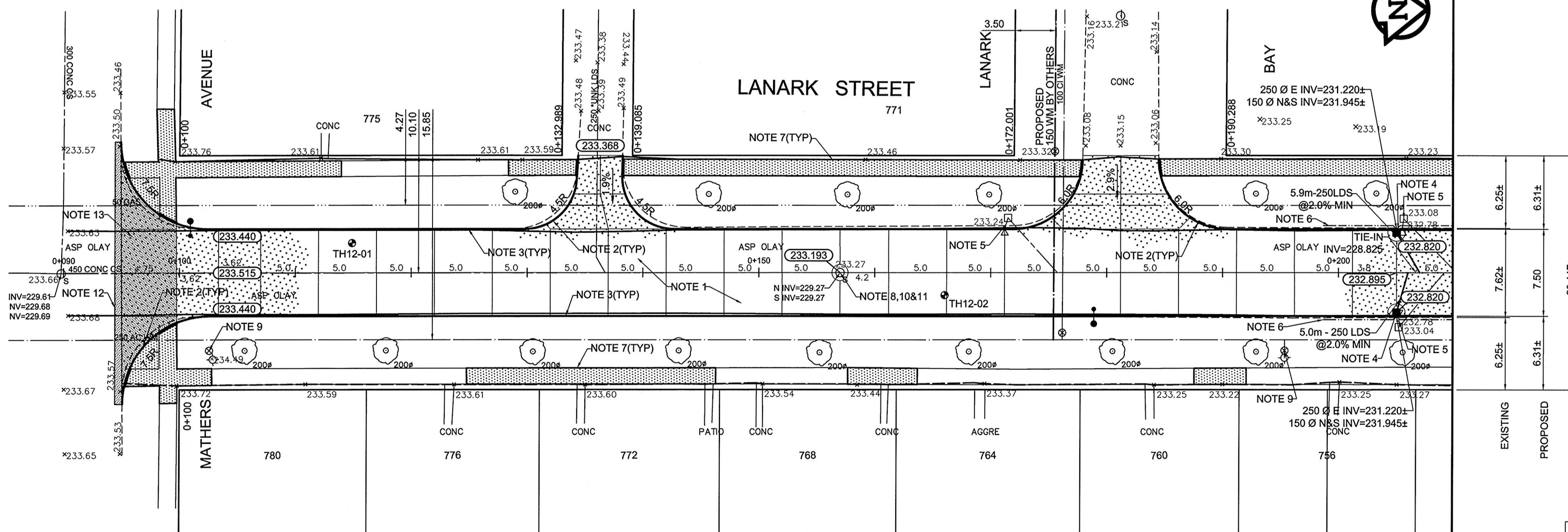


TYPICAL CROSS SECTION



REFERENCE NOTES

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE RIGHT-OF-WAY
- C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 4740

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
2. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT, INTEGRAL)
3. CONSTRUCT NEW BARRIER CURB (180mm HT, SEPARATE)
4. INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING SEWER
5. REMOVE EXISTING CATCHBASIN AND CURB AND GUTTER INLET AND PLUG EXISTING LEAD
6. INSTALL 150mm SUBDRAIN 6m ON EACH SIDE OF CATCHBASIN
7. RENEW EXISTING 100mm CONCRETE SIDEWALK
8. ADJUST EXISTING MANHOLE TO GRADE
9. ADJUST EXISTING WATER VALVE TO GRADE
10. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-004/AP-005)
11. INSTALL NEW CAST IRON RISER RING
12. REMOVE EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT
13. CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w 50mm TYPE 1A ASPHALT PAVEMENT



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150mm W.M.	WATERMAIN	150mm W.M.	HYDRO	HYDRO	HYDRO	---	PROFILE	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	CONCRETE	CONCRETE	---	NORTHWEST GUTTER	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	ASPHALT	ASPHALT	---	SOUTH/EAST GUTTER	---
MANHOLE	MANHOLE	MANHOLE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	---	N/W PROPERTY LINE	---
CATCH BASIN	CATCH BASIN	CATCH BASIN	SURVEY BAR	SURVEY BAR	SURVEY BAR	---	S/E PROPERTY LINE	---
CURB INLET	CURB INLET	CURB INLET	ELEVATION	ELEVATION	ELEVATION	---		
JUNCTIONS	JUNCTIONS	JUNCTIONS	TREE	TREE	TREE	---		
CULVERT	CULVERT	CULVERT	SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP	---		
GAS	GAS	GAS	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	---		
			FENCE	FENCE	FENCE	---		

LOCATION APPROVED UNDERGROUND STRUCTURES

SURV. U/G STRUCTURES COMMITTEE DATE

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.

B.M. 51-012	N.W. Cor. Grant Ave. & Lanark St., 70ft. in S. Conc. Foundation of John Delfo School, No. 1777 Grant Ave., 1.5m W. of S.E. Cor. & 0.2 m below top of foundation of school.
ELEV. 233.942	
DESIGNED BY	BC
CHECKED BY	KWR
DRAWN BY	MS
APPROVED BY	
RELEASED FOR CONSTRUCTION BY:	
HOR. SCALE:	1:250
VERTICAL:	1:10
ISSUED FOR TENDER	04/13/2012 BC
ISSUED FOR REVIEW	03/28/2012 BC
NO. REVISIONS	DATE BY

AECOM

DESIGNED BY: BC
CHECKED BY: KWR
DRAWN BY: MS
APPROVED BY: [Signature]
RELEASED FOR CONSTRUCTION BY: [Signature]
HOR. SCALE: 1:250
VERTICAL: 1:10
ISSUED FOR TENDER: 04/13/2012 BC
ISSUED FOR REVIEW: 03/28/2012 BC
NO. REVISIONS: [Blank] DATE BY: [Blank]

ENGINEER'S SEAL
PROVINCE OF MANITOBA
K.W. RAJE
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO. CT-07

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2012 LOCAL STREET RENEWAL PROGRAM

LANARK STREET - MATHERS AVE. TO GRANT AVE.
PAVEMENT RECONSTRUCTION
MATHERS AVENUE TO STATION 0+210

CITY DRAWING NUMBER SHEET 7 OF 19