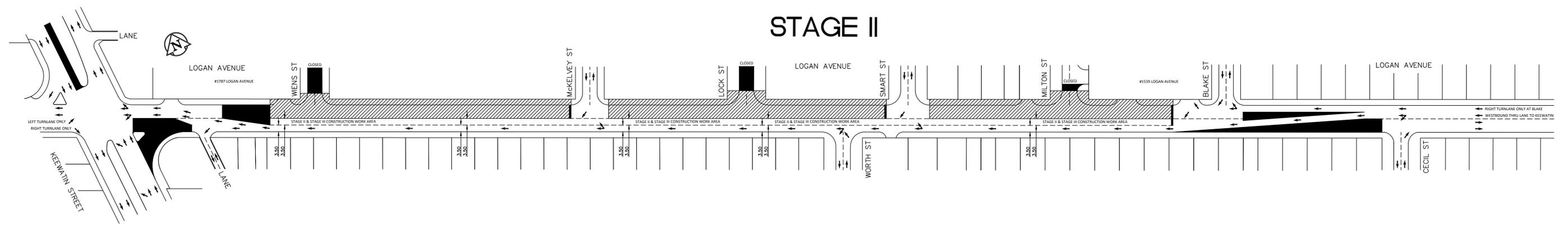
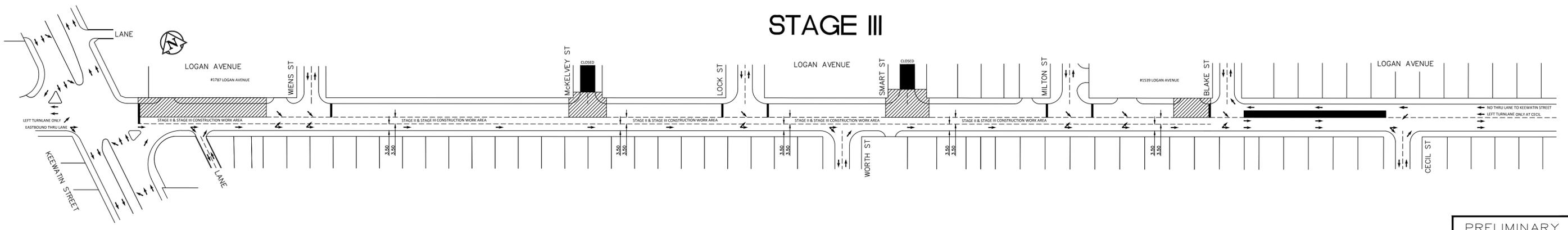


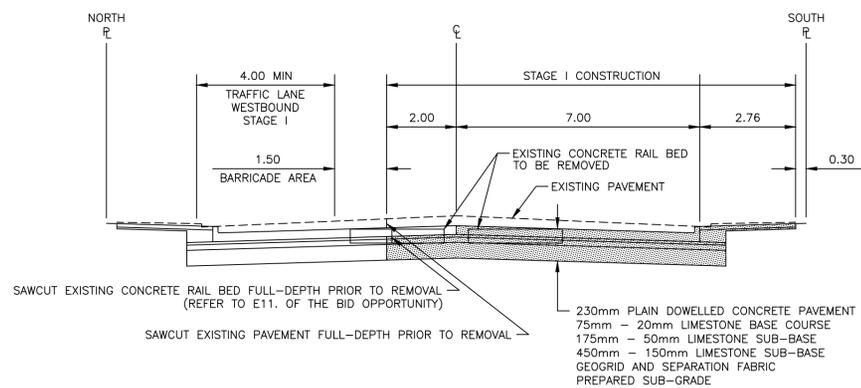
STAGE I



STAGE II



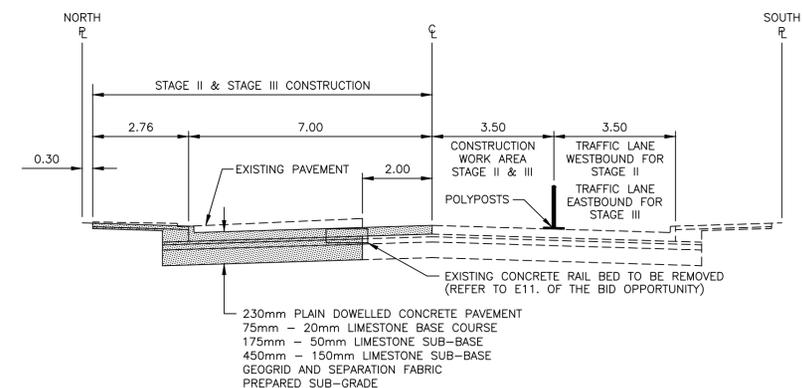
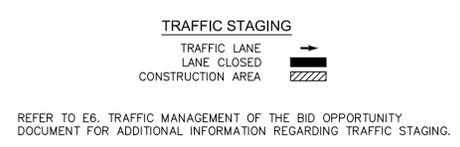
STAGE III



STAGE I - LOGAN AVENUE CONCRETE RECONSTRUCTION CROSS-SECTION (TYPICAL)
N.T.S.

STAGE I CONSTRUCTION NOTES

1. INSTALL NEW CATCH BASINS IN SOUTH GUTTER LANE OF LOGAN AVENUE AND CONNECT NEW SEWER SERVICE PIPES TO THE SEWER AT THE CENTRE LINE OF LOGAN AVENUE.
2. CONNECT NEW SEWER SERVICES FOR NORTH GUTTER LANE TO THE SEWER AT THE CENTRE LINE OF LOGAN AVENUE AND CAP OFF BEYOND THE LIMITS OF EXCAVATION FOR THE EASTBOUND CENTRE LANE. THE CAPPED SEWER SERVICES WILL BE CONTINUED UNDER THE WESTBOUND LANES OF LOGAN AVENUE DURING STAGE II CONSTRUCTION.
3. REPAIR 1.8m LONG - 450mm LDS SEWER AT CENTRE LINE OF LOGAN AVENUE.



STAGE II & STAGE III - LOGAN AVENUE CONCRETE RECONSTRUCTION CROSS-SECTION (TYPICAL)
N.T.S.

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

- ### CONSTRUCTION NOTES
- 1) CURB REPLACEMENT AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - 2) ALL STREET RADIUS CURB UNDER 15M RADIUS SHALL BE REPLACED AS MODIFIED OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - 3) PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE SAMPLE OF THE TENDERED QUANTITIES IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - 4) ASPHALT TIE-INS ON APPROACHES TO BE DETERMINED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - 5) ALL BULLNOSES TO HAVE SLOPED FACE.

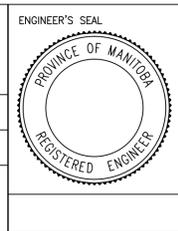
- ### WARNING
- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- 1) OBTAIN CLEARANCE FROM THE GAS UTILITY PRIOR TO EXCAVATION.
 - 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS UTILITY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

BID OPPORTUNITY NO. 12-2016

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M.	ELEV.
SUPR. 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.			
2	ISSUED FOR ENGINEERS APPROVAL	05/02/16	E.H.
1	ISSUED FOR PLAN APPROVAL		
NO.	REVISIONS	DATE	BY

ENGINEERING DIVISION TECHNOLOGY SERVICES BRANCH 106 - 1155 PACIFIC AVE	
DESIGNED BY A.P.	CHECKED BY
DRAWN BY A.P.	APPROVED BY
HOR. SCALE: N.T.S.	
VERTICAL:	
NO.	DATE 2016/05/02



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

LOGAN AVENUE
FROM KEEWATIN STREET TO BLAKE STREET
CONCRETE RECONSTRUCTION AND ASSOCIATED WORKS
TRAFFIC STAGING - STAGE I, STAGE II AND STAGE III

CITY DRAWING NUMBER
P-3473-06
SHEET 6 OF 6

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