

SCHEDULE 13

TRAFFIC MANAGEMENT

SECTION A DEFINITIONS

A1. Capitalized Terms

A1.1 Capitalized terms used in this Schedule 13 have the meanings set out in the Project Agreement, unless otherwise expressed in this Schedule 13.

A2. Definitions

A2.1 In this Schedule 13, the following expressions have the following meanings:

- (a) **“Actual Total Four Lane Weeks”** means the actual number of total Four Lane Weeks during the Construction Period in respect of traffic disruption resulting in reduced lane availability on Pembina Highway between Point Road and Stafford Street as calculated at the end of the Construction Period in accordance with Section D.
- (b) **“Four Lane Weeks Schedule”** means the planned number of Four Lane Weeks for each month during the Construction Period in respect of traffic disruption resulting in reduced lane availability on Pembina Highway between Point Road and Stafford Street in accordance with Project Co’s Traffic Management Plan, as set out in Appendix A to this Schedule 13.
- (c) **“Target Total Four Lane Weeks”** means the total planned number of Four Lane Weeks during the Construction Period in respect of traffic disruption resulting in reduced lane availability on Pembina Highway between Point Road and Stafford Street in accordance with Project Co’s Traffic Management Plan, as set out in Appendix A.
- (d) **“Traffic Management Payment Adjustment”** means an amount payable by Project Co to the City in accordance with the calculation in Section E.

SECTION B TRAFFIC MANAGEMENT ON PEMBINA HIGHWAY

B1. Section between Point Road and Stafford Street

18(1)(c)(i)(ii)(iii) B1.1 In accordance with Schedule 18 – Technical Requirements, Project Co may not exceed a maximum of ■ Four Lane Weeks of traffic disruption on Pembina Highway between Point Road and Stafford Street throughout the Construction Period. Project Co’s Four Lane Weeks Schedule for each month during the Construction Period is set out in Appendix A and forms part of this Schedule 13, as such Four Lane Weeks Schedule may be amended in accordance with Section B1.2.

B1.2 If the dates in Sections N1.3 or O2.2 of the Project Agreement are adjusted in accordance with the Project Agreement, or if such dates are adjusted as a result of a Change Order pursuant to Schedule 17 – Change Orders, and provided that such

adjustments impact the Four Lane Weeks Schedule, the Four Lane Weeks Schedule shall be adjusted accordingly.

- 18(1)(c)(i)(ii)(iii) B1.3 As set out in Appendix A, Project Co's Target Total Four Lane Weeks for the entire Construction Period is ■■■ Four Lane Weeks. The Target Total Four Lane Weeks forms the baseline for determining any Traffic Management Payment Adjustment in respect of traffic disruption on Pembina Highway between Point Road and Stafford Street in accordance with Section E.

B2. Section between Jubilee Avenue and Stafford Street

- B2.1 In accordance with Schedule 18 – Technical Requirements, Project Co may implement weekend Lane Closures on Pembina Highway between Jubilee Avenue and Stafford Street subject to the maximum allowed duration during the Construction Period specified in Schedule 18 – Technical Requirements. In the event of any additional weekend Lane Closures permitted in accordance with Schedule 18 – Technical Requirements, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E.

B3. Jubilee Avenue Ramp

- B3.1 In accordance with Schedule 18 – Technical Requirements, Project Co may implement Lane Closures of the Jubilee Avenue Ramp subject to the maximum allowed duration during the Construction Period specified in Schedule 18 – Technical Requirements. In the event of any Lane Closures in excess of the maximum allowed duration, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E for each additional day of Lane Closure.

B4. Pedestrian Access

- B4.1 In accordance with Schedule 18 – Technical Requirements, Project Co must maintain pedestrian access on Pembina Highway during the Construction Period. In the event of any failure to provide pedestrian access on Pembina Highway, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E for each day of closure.

SECTION C TRAFFIC MANAGEMENT ON OTHER ROADWAYS

C1. McGillivray Boulevard

- C1.1 In accordance with Schedule 18 – Technical Requirements, Project Co may implement Lane Closures on McGillivray Boulevard subject to the maximum allowed duration during the Construction Period specified in Schedule 18 – Technical Requirements. In the event of any Lane Closures in excess of the maximum allowed duration, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E for each additional day or weekend of Lane Closure, as applicable.

C2. Bishop Grandin Boulevard

- C2.1 In accordance with Schedule 18 – Technical Requirements, Project Co may implement Lane Closures on Bishop Grandin Boulevard subject to the maximum allowed duration

during the Construction Period specified in Schedule 18 – Technical Requirements. In the event of any Lane Closures in excess of the maximum allowed duration, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E for each additional day or weekend of Lane Closure, as applicable.

- C2.2 In accordance with Schedule 18 – Technical Requirements, Project Co must maintain pedestrian access on Bishop Grandin Boulevard during the Construction Period. In the event of any failure to provide pedestrian access on Bishop Grandin Boulevard, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E for each day of closure.

C3. Southpark Drive

- C3.1 In accordance with Schedule 18 – Technical Requirements, Project Co may implement Lane Closures on Southpark Drive subject to the maximum allowed duration during the Construction Period specified in Schedule 18 – Technical Requirements. In the event of any Lane Closures in excess of the maximum allowed duration, Project Co shall be subject to a Traffic Management Payment Adjustment in accordance with Section E for each additional day of Lane Closure.

SECTION D PERFORMANCE DURING THE CONSTRUCTION PERIOD

D1. Reporting

- D1.1 Project Co shall, as part of its monthly report to the City provided in accordance with Section Q1.1(a) of the Project Agreement, summarize Project Co's actual performance in respect of traffic management in accordance with the requirements in Schedule 18 – Technical Requirements. Such reporting shall include the following:
- (a) actual number of Four Lane Weeks during the immediately preceding month compared to the Four Lane Week Schedule in respect of Pembina Highway between Point Road and Stafford Street;
 - (b) actual number of weekend Lane Closures of the section of Pembina Highway between Jubilee Avenue and Stafford Street in the relevant month;
 - (c) actual number of days of Lane Closures of the Jubilee Avenue Ramp in the relevant month;
 - (d) actual number of days of closure of pedestrian access on Pembina Highway in the relevant month;
 - (e) actual number of days of Lane Closures on McGillivray Boulevard in the relevant month;
 - (f) actual number of days of Lane Closures on Bishop Grandin Boulevard in the relevant month; and
 - (g) actual number of days of Lane Closures on Southpark Drive in the relevant month.

D2. Monitoring

D2.1 The City shall monitor and log Project Co's performance on a monthly basis with respect to traffic management during the Construction Period, using various sources of information including:

- (a) Project Co's monthly report provided in accordance with Section D1.1;
- (b) the City's records of calls made to the City's 311 information line reporting traffic disruptions; and
- (c) visual inspection of the roadways during the Construction Period carried out by City officials, including observations made through site inspection or via video cameras.

D2.2 No later than 10 Business Days following Substantial Completion, Project Co will provide the City with a statement of Project Co's actual performance of traffic management which shall include the following:

- (a) Actual Total Four Lane Weeks compared to the Target Total Four Lane Weeks for the entire Construction Period and the resulting amount of the Traffic Management Payment Adjustment in respect of Pembina Highway calculated in accordance with Section E, if applicable; and
- (b) actual days of closures compared to the maximum allowed duration of closures specified in Schedule 18 – Technical Requirements for the entire Construction Period in respect of the section of Pembina Highway between Jubilee Avenue and Stafford Street, Jubilee Avenue Ramp, pedestrian access on Pembina Highway, McGillivray Boulevard, Bishop Grandin Boulevard and Southpark Drive, and the resulting amount of the Traffic Management Payment Adjustment calculated in accordance with Section E, if applicable.

SECTION E TRAFFIC MANAGEMENT PAYMENT ADJUSTMENT

E1. Pembina Highway between Point Road and Stafford Street

E1.1 If Project Co's Actual Total Four Lane Weeks during the Construction Period exceeds the Target Total Four Lane Weeks in respect of Pembina Highway between Point Road and Stafford Street, Project Co shall be assessed a Traffic Management Payment Adjustment of \$ [REDACTED] for each additional Four Lane Week.

28(1)(c)(i)(ii)(iii)

E1.2 As an illustrative example, if Project Co's Target Total Four Lane Weeks is 115 Four Lane Weeks for the Construction Period and Project Co's Actual Total Four Lane Weeks is 117 Four Lane Weeks, Project Co shall be assessed a Traffic Management Payment Adjustment based on its exceeding the Target Total Four Lane Weeks by two Four Lane Weeks:

28(1)(c)(i)(ii)(iii) (Actual Total Four Lane Weeks – Target Total Four Lane Weeks) * \$ [REDACTED]

28(1)(c)(i)(ii)(iii) = (117 Four Lane Weeks – 115 Four Lane Weeks) * \$ [REDACTED] = \$ [REDACTED]

E2. Pembina Highway between Jubilee Avenue and Stafford Street

E2.1 If Project Co's actual duration of Lane Closures exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of the section of Pembina Highway between Jubilee Avenue and Stafford Street, Project Co shall be assessed a **28(1)(c)(i)(ii)(iii)** Traffic Management Payment Adjustment of \$ [REDACTED] for each additional weekend closure.

E3. Jubilee Avenue Ramp

E3.1 If Project Co's actual duration of Lane Closures exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of the Jubilee Avenue Ramp, Project Co shall be assessed a Traffic Management Payment Adjustment of **28(1)(c)(i)(ii)(iii)** \$ [REDACTED] for each additional day of closure.

E4. Pembina Highway Pedestrian Access

E4.1 If Project Co's actual duration of closures exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of pedestrian access on Pembina Highway, Project Co shall be assessed a Traffic Management Payment **28(1)(c)(i)(ii)(iii)** Adjustment of \$ [REDACTED] for each additional day of closure.

E5. McGillivray Boulevard

E5.1 If Project Co's actual duration of Lane Closures of two lanes in a single direction exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of McGillivray Boulevard, Project Co shall be assessed a Traffic **28(1)(c)(i)(ii)(iii)** Management Payment Adjustment of \$ [REDACTED] for each additional day of closure.

E5.2 If Project Co's actual duration of Lane Closures of all lanes in both directions (full weekend closures) exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of McGillivray Boulevard, Project Co shall be **28(1)(c)(i)(ii)(iii)** assessed a Traffic Management Payment Adjustment of \$ [REDACTED] for each additional weekend closure.

E6. Bishop Grandin Boulevard

E6.1 If Project Co's actual duration of Lane Closures of two lanes in a single direction exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of Bishop Grandin Boulevard, Project Co shall be assessed a **28(1)(c)(i)(ii)(iii)** Traffic Management Payment Adjustment of \$ [REDACTED] for each additional day of closure.

E6.2 If Project Co's actual duration of Lane Closures of all lanes in both directions (full weekend closures) exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of Bishop Grandin Boulevard, Project Co shall be **28(1)(c)(i)(ii)(iii)** assessed a Traffic Management Payment Adjustment of \$ [REDACTED] for each additional weekend closure.

E6.3 If Project Co's actual duration of closures exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of pedestrian access on

28(1)(c)(i)(ii)(iii) Bishop Grandin Boulevard, Project Co shall be assessed a Traffic Management Payment Adjustment of \$ [REDACTED] for each additional day of closure.

E7. Southpark Drive

E7.1 If Project Co's actual duration of Lane Closures exceeds the maximum allowed closures specified in Schedule 18 – Technical Requirements in respect of Southpark Drive,
28(1)(c)(i)(ii)(iii) Project Co shall be assessed a Traffic Management Payment Adjustment of \$ [REDACTED] for each additional day of closure.

E8. Timing of Traffic Management Payment Adjustment

E8.1 The Traffic Management Payment Adjustment shall be paid by Project Co to the City no later than 30 Business Days following the Substantial Completion Date. Project Co and the City may mutually agree on an alternative method of payment, such as a deduction from the next payable Monthly Payment in accordance with Schedule 14 – Payment Mechanism.

E9. Exception

E9.1 If the dates in Sections N1.3 or O2.2 of the Project Agreement are adjusted in accordance with the Project Agreement, or if such dates are adjusted as a result of a Change Order pursuant to Schedule 17 – Change Orders, and provided that such adjustments directly impact any Lane Closures contemplated in Schedule 18 - Technical Requirements, the Traffic Management Payment Adjustment will be amended accordingly to reflect the updated dates.

APPENDIX A

PEMBINA HIGHWAY FOUR LANE WEEKS SCHEDULE

Table 1- Target Four Lane Weeks

[Note to Proponents: Target Total Four Lane Weeks to be populated with the sum of the Four Lane Weeks per month as set out in the Four Lane Weeks Schedule in the table below.]

	Target Total Four Lane Weeks
Construction Period	■

18(1)(c)(i)(ii)(iii)

Table 2 - Four Lane Weeks Schedule

YEAR	Month During Construction Period	Four Lane Weeks Per Month	Cumulative Four Lane Weeks	YEAR	Month During Construction Period	Four Lane Weeks Per Month	Cumulative Four Lane Weeks
2016	18(1)(c)(i)(ii)(iii)			2017	18(1)(c)(i)(ii)(iii)		

YEAR	Month During Construction Period	Four Lane Weeks Per Month	Cumulative Four Lane Weeks	YEAR	Month During Construction Period	Four Lane Weeks Per Month	Cumulative Four Lane Weeks
2018	18(1)(c)(i)(ii)(iii)			2019	18(1)(c)(i)(ii)(iii)		