



4R Winnipeg Depot



Winnipeg's First Community
Resource Recovery Centre

May 12, 2016

Presentation Overview

- Project Background
- Winnipeg's 4Rs
- Project Schedule
- Design Principles and Features
- Project Status



Project Background

- **Population of 660,000**
- **2011 Integrated Waste Management Plan**
 - Diversion Goal of 50%
 - Development of CRRCs



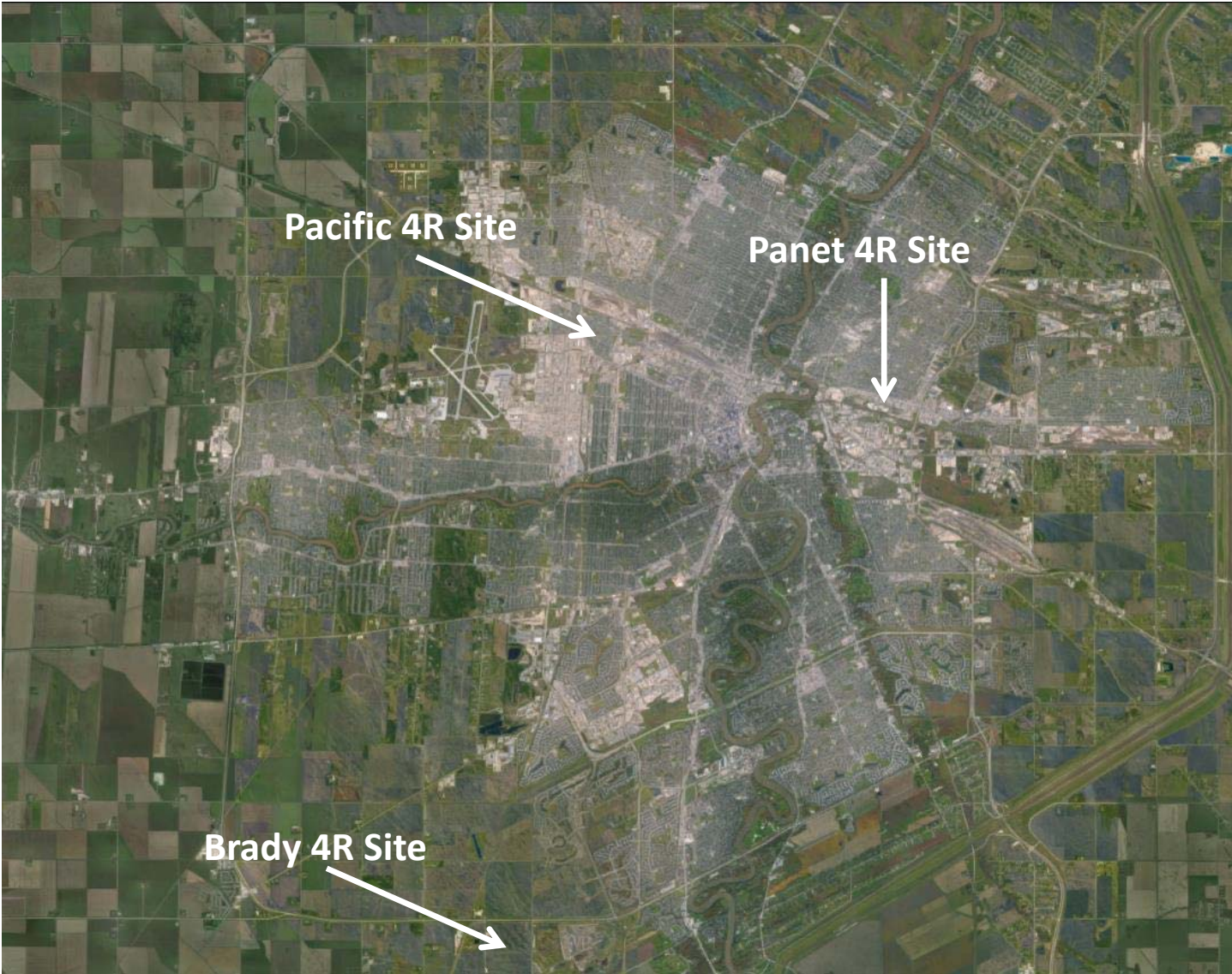
Winnipeg's 4Rs

- **3 Sites in Various Stages**
- **Brady – Completed**
- **Pacific – Under Construction**
- **Panet – RFP for Design**

Pacific 4R Site

Panet 4R Site

Brady 4R Site



Brady 4R Project Schedule

- RFP Spring 2013
- Conceptual Design
Jan 2014
- Preliminary Design
Mar 2014
- Tender Award Sept
2014
- Construction Jul
2015 to Jan 2016
- Open Feb 2016

Brady 4R Site



Brady 4R Depot Need

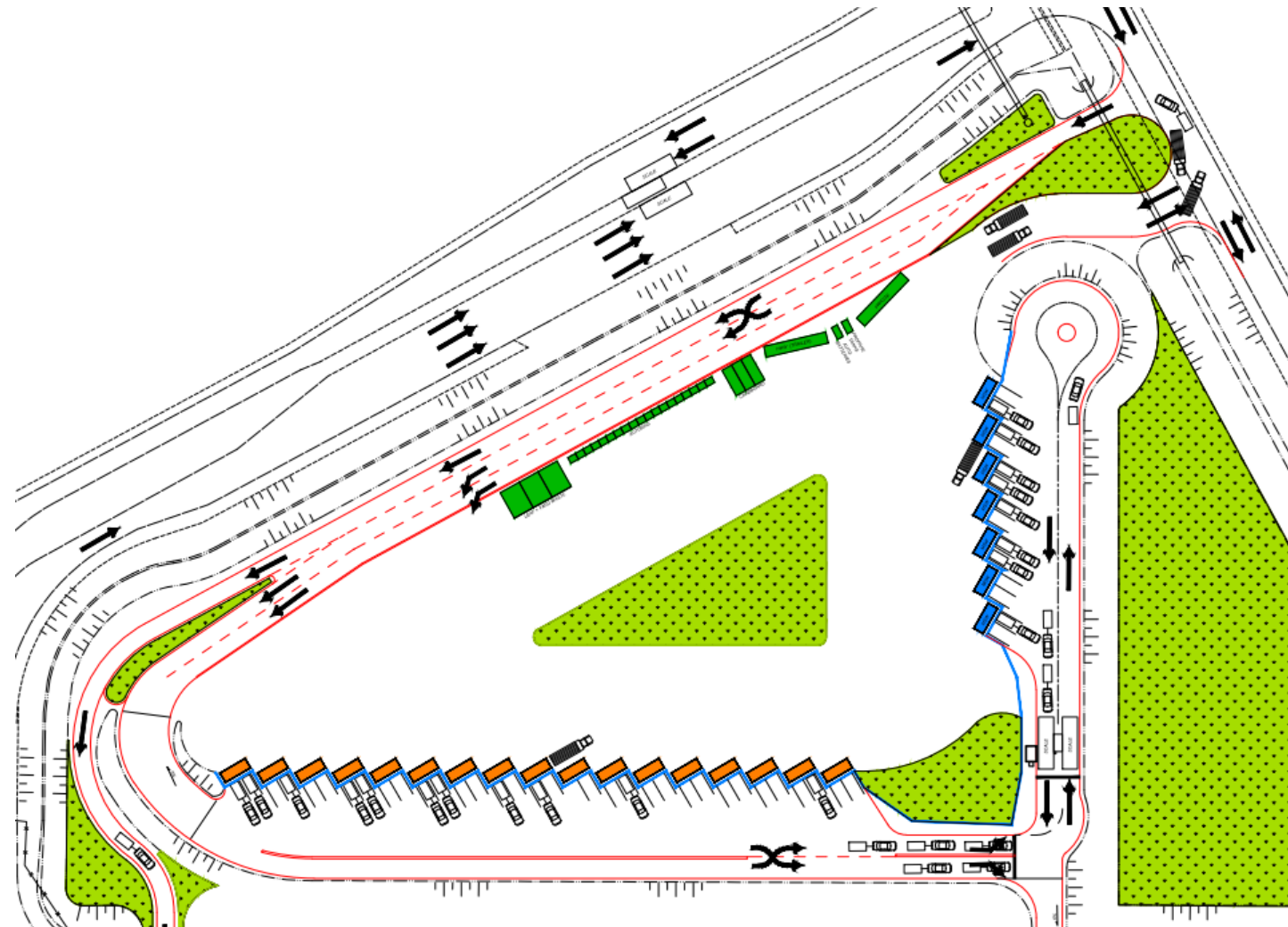
- Waste Diversion
- Remove Residents from Tipping Face
- Separation Between Vehicles
- Reduce Wait Times



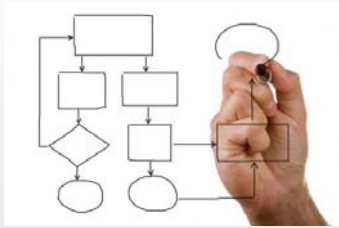
FORM *follows* FUNCTION

Conceptual Site Design

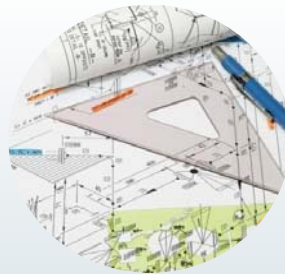
- Financial Considerations
- Traffic Management
- Site Safety
- Commodity Layout



Financial Considerations



Planning



Design



Contract Administration



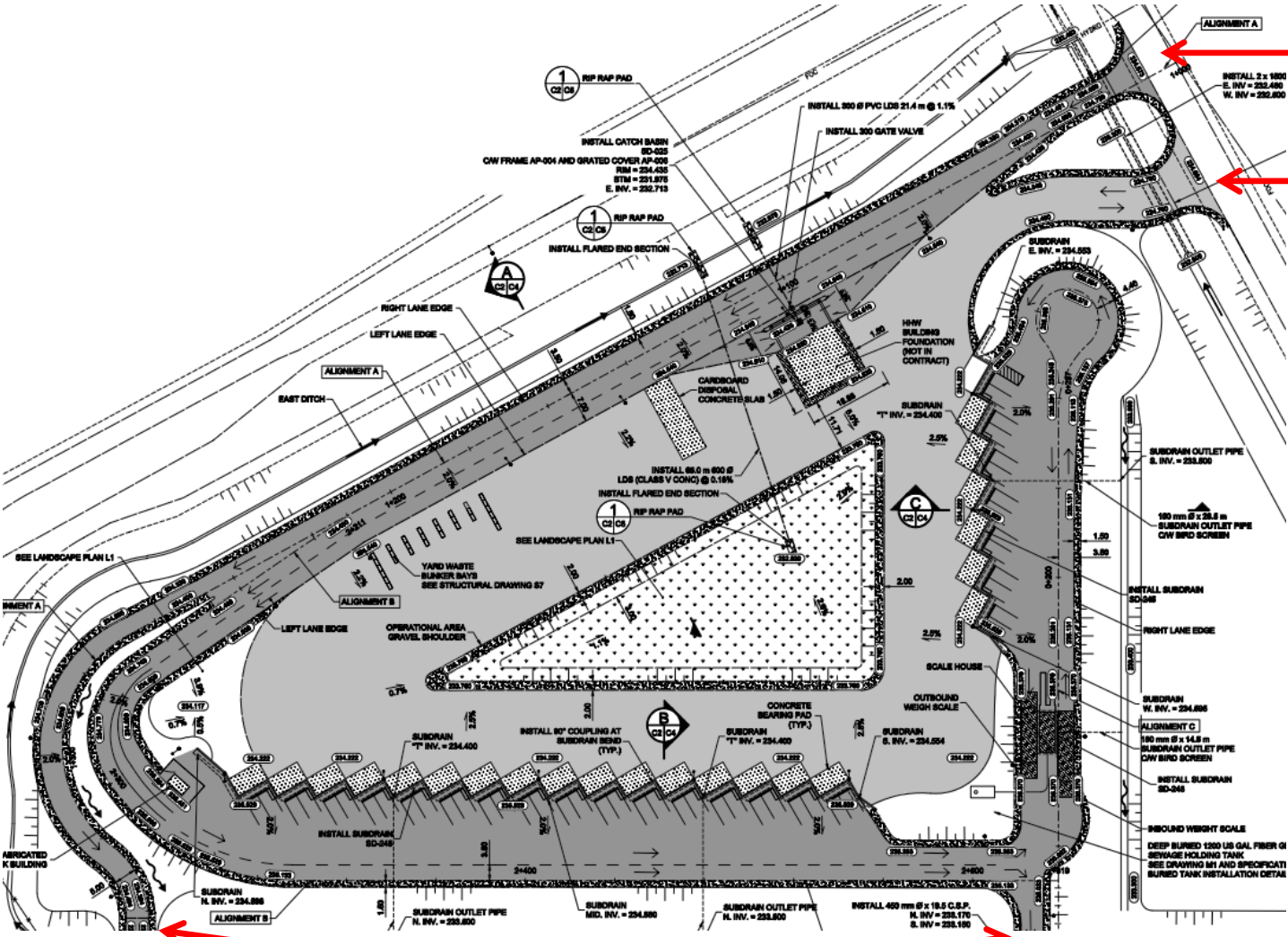
Construction

\$7.2 Million Total for two CRRC depots

Traffic Management

- Traffic Analysis
- Traffic Flow On and Off Site
- Site Access, Egress and Queuing





Residential Vehicle Entrance

Operational Vehicle Entrance and Exit

Residential Vehicle Exits

Site Safety

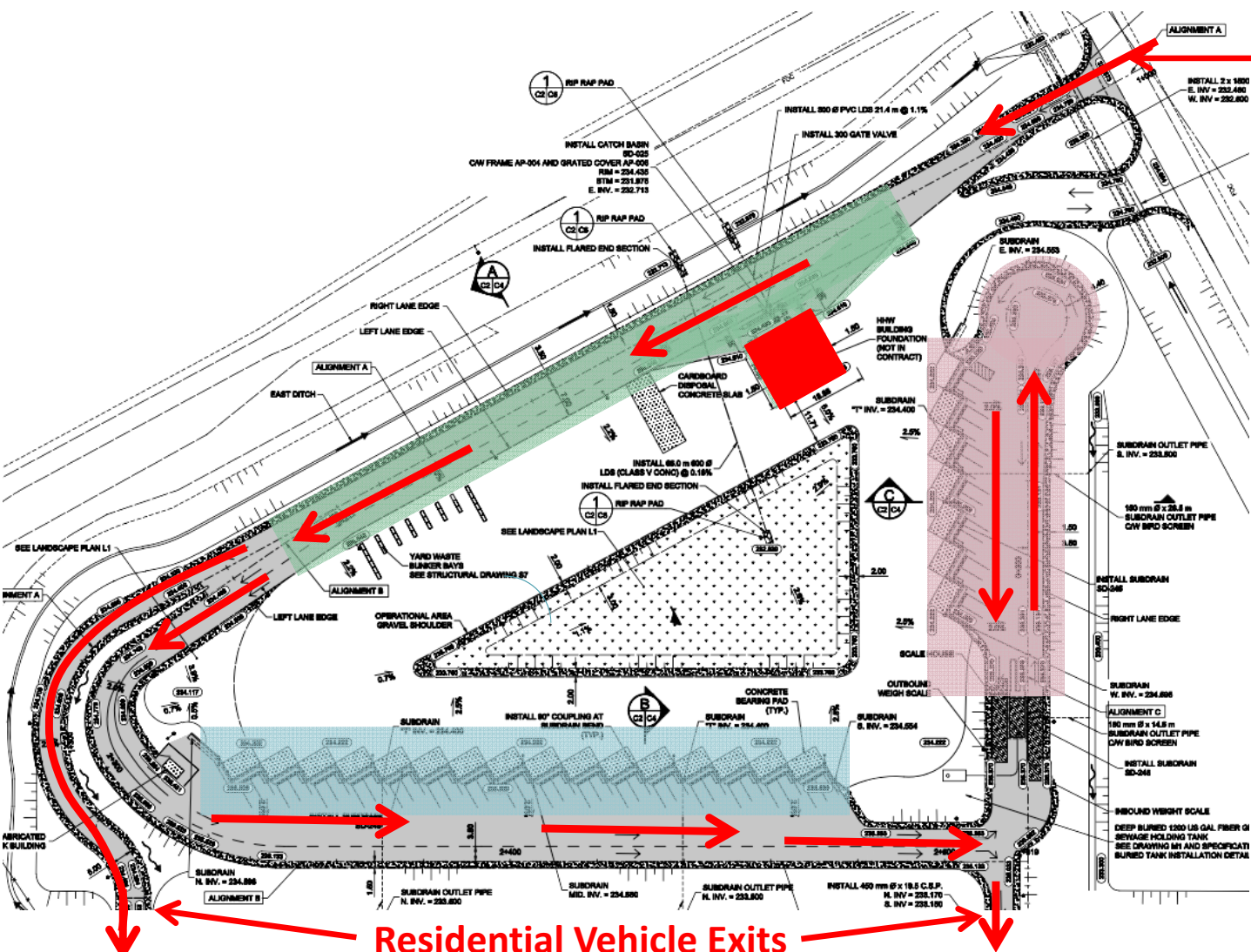


Commodity Layout

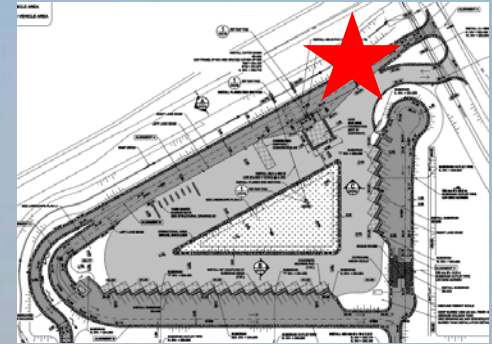
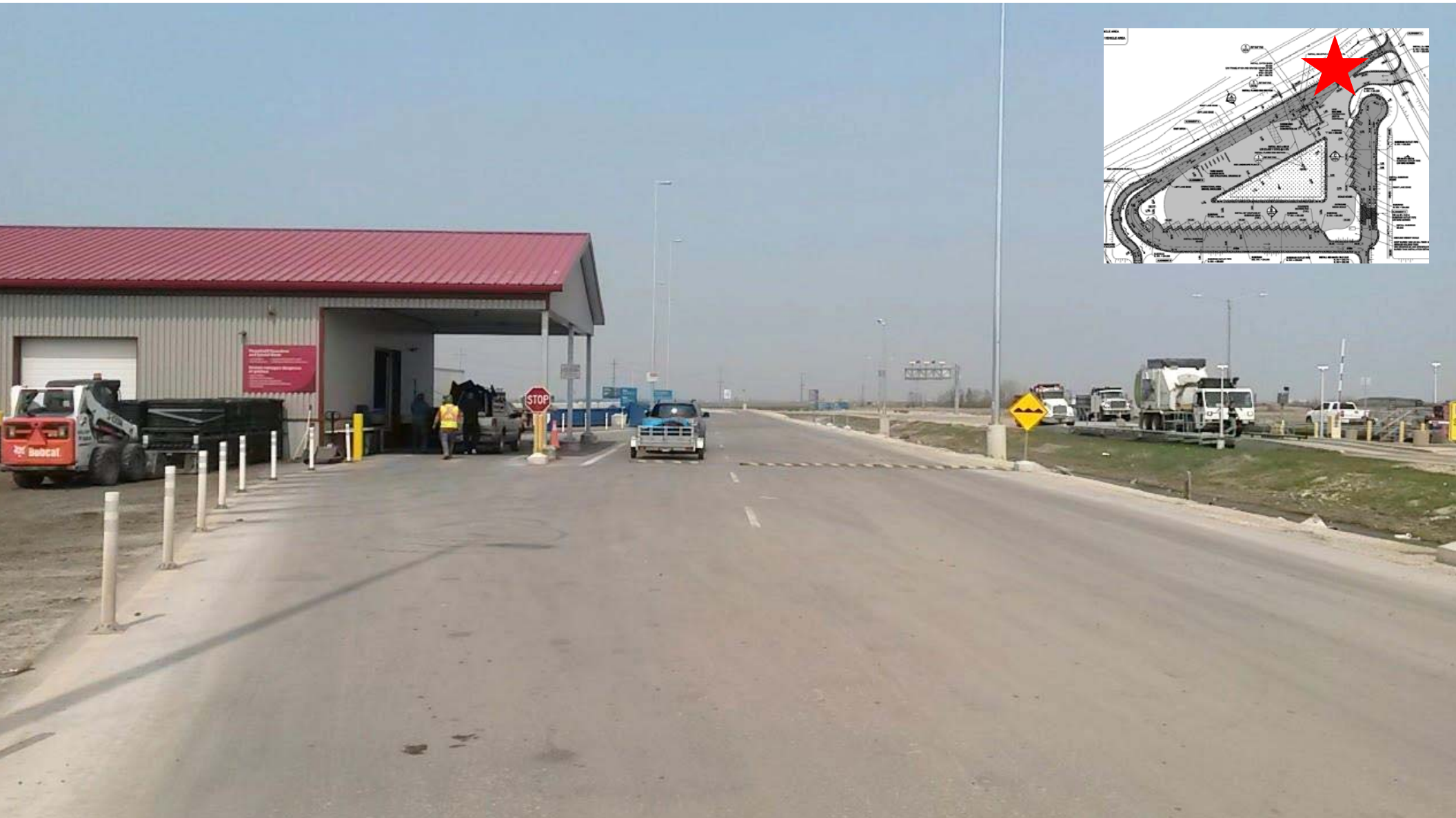


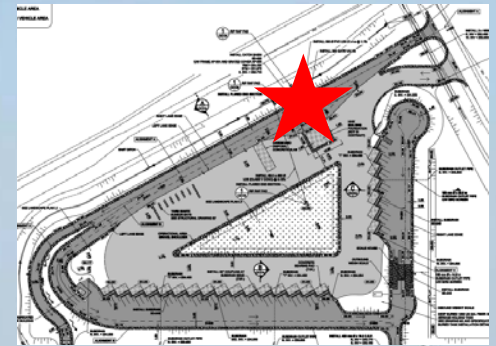
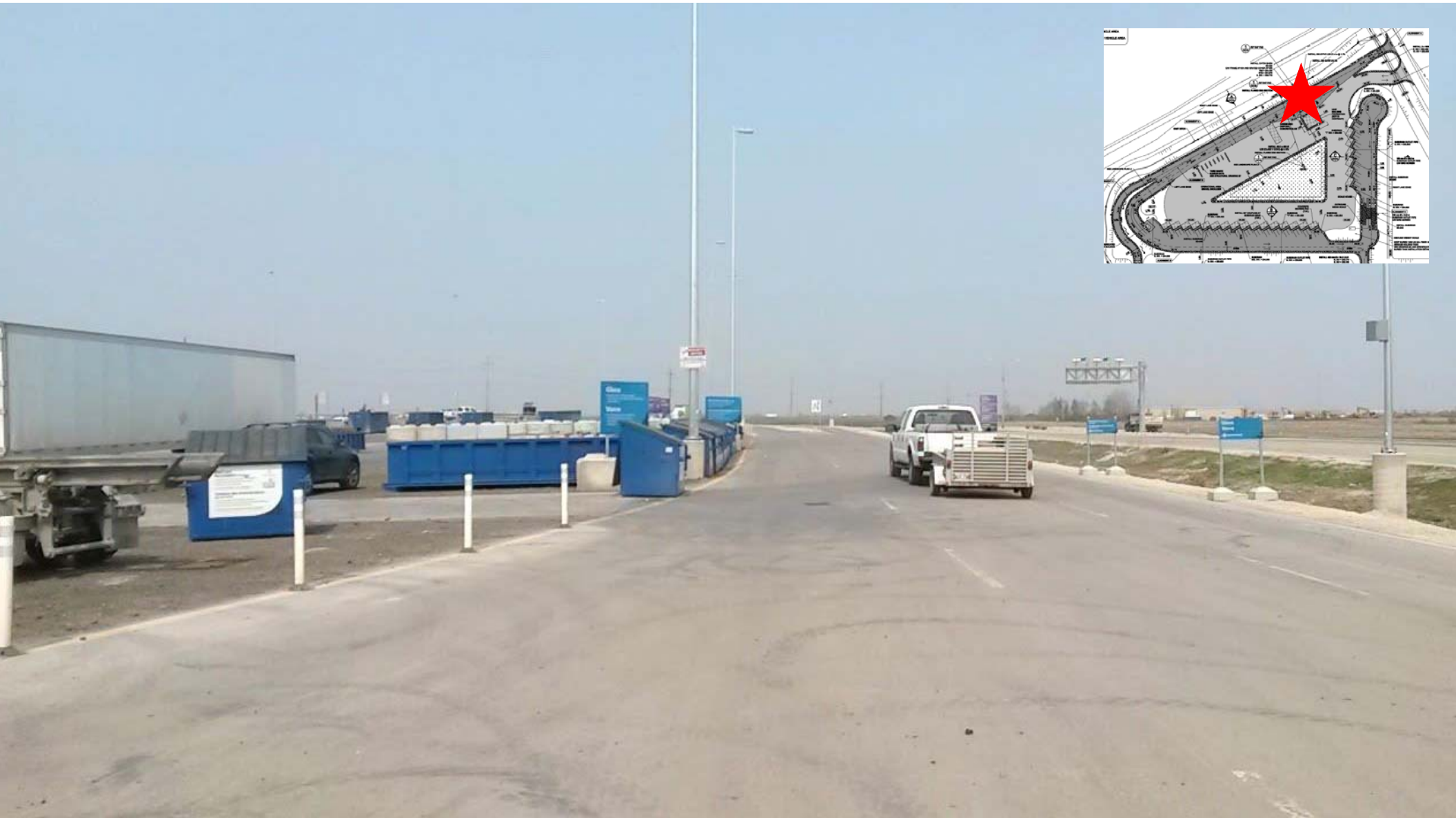
Residential Vehicle Entrance

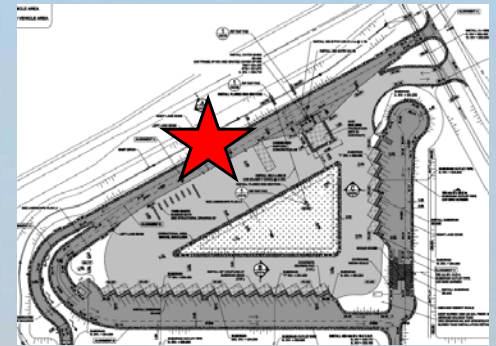
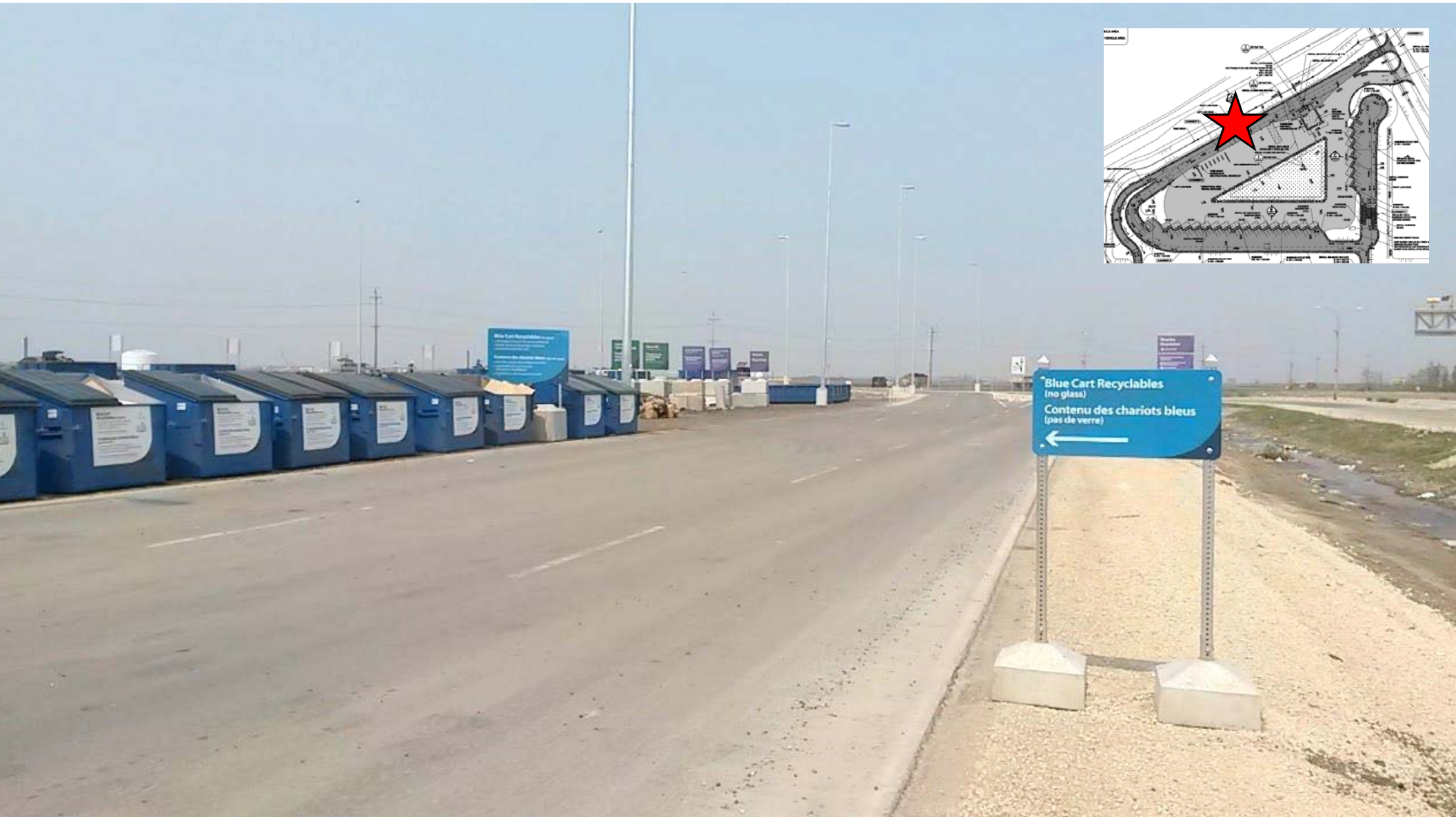
Commodity Layout

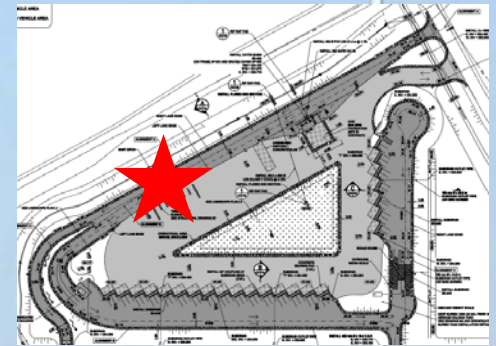
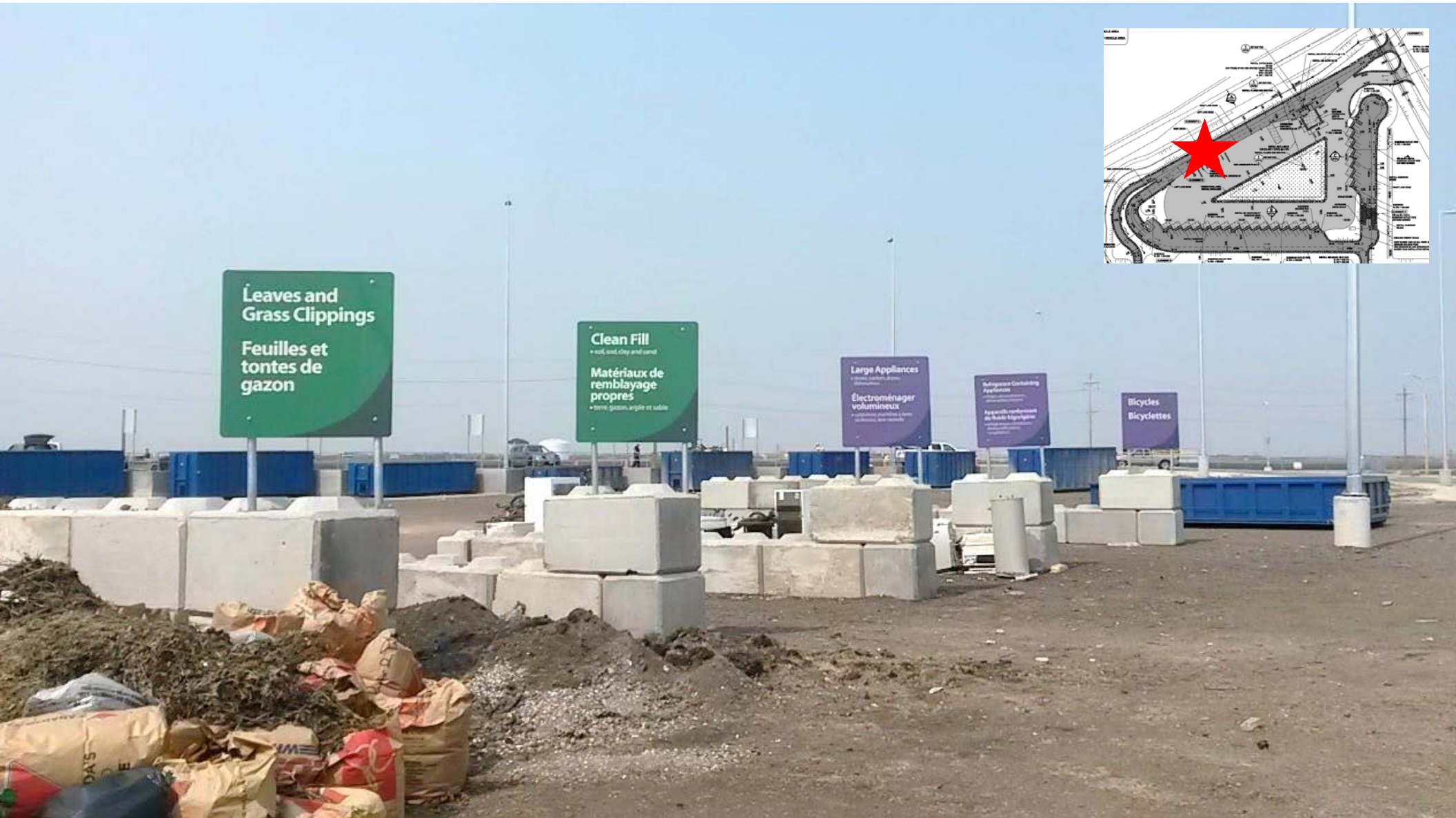


Residential Vehicle Exits



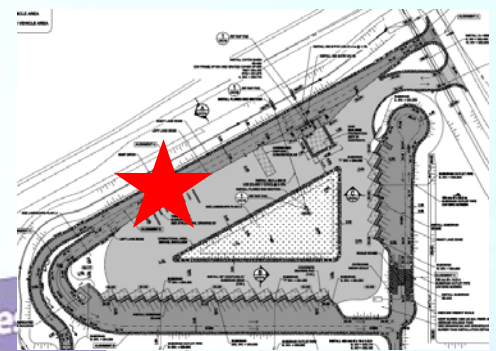


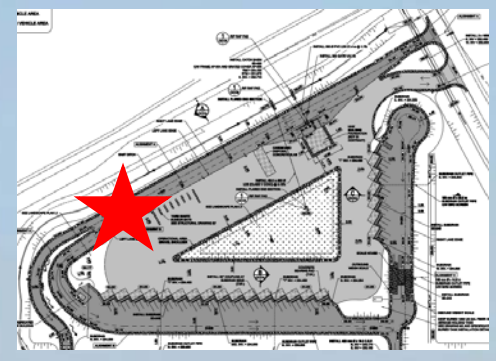


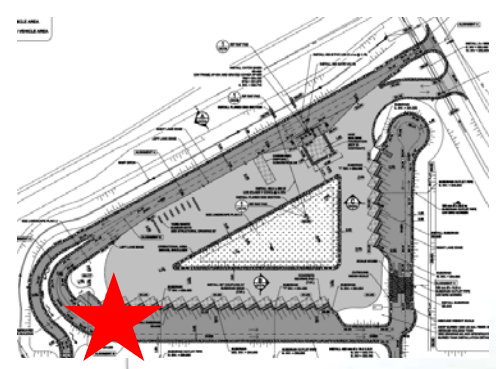




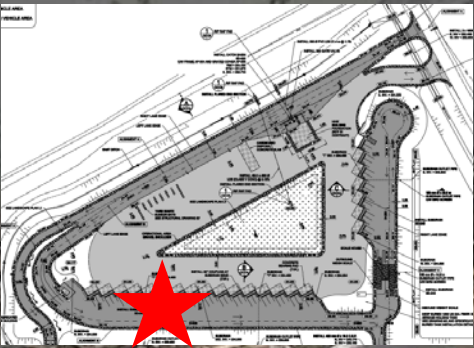
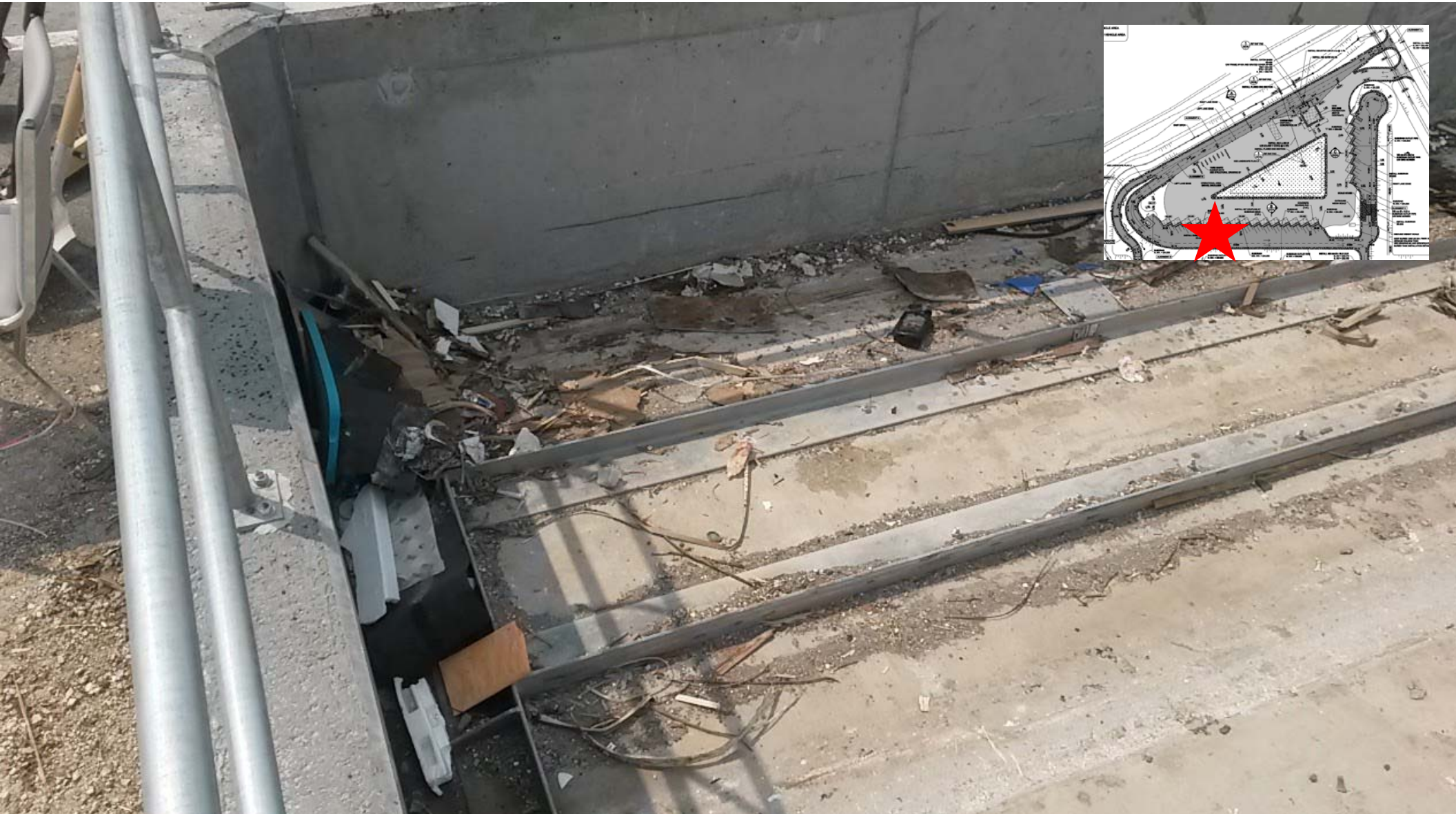
Bicycle
Bicyclettes

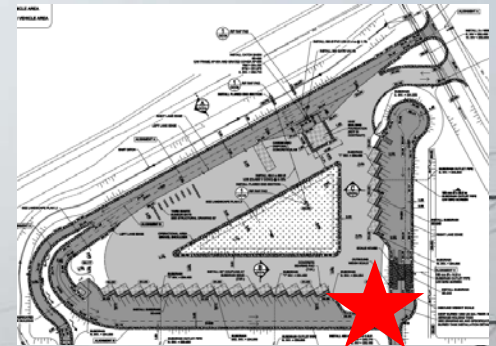


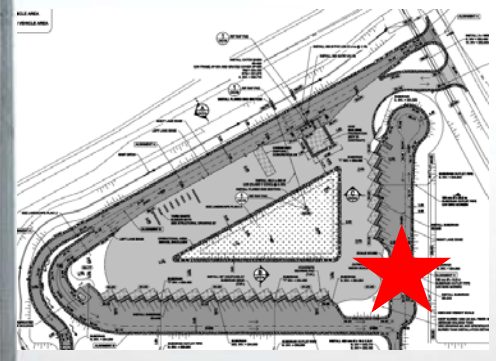








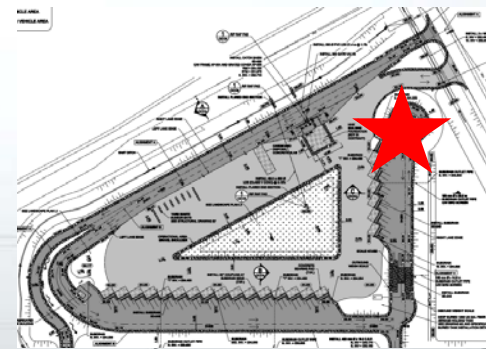


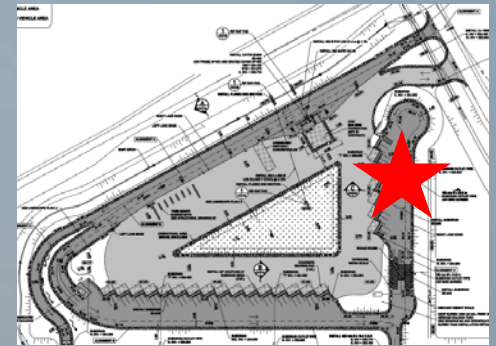
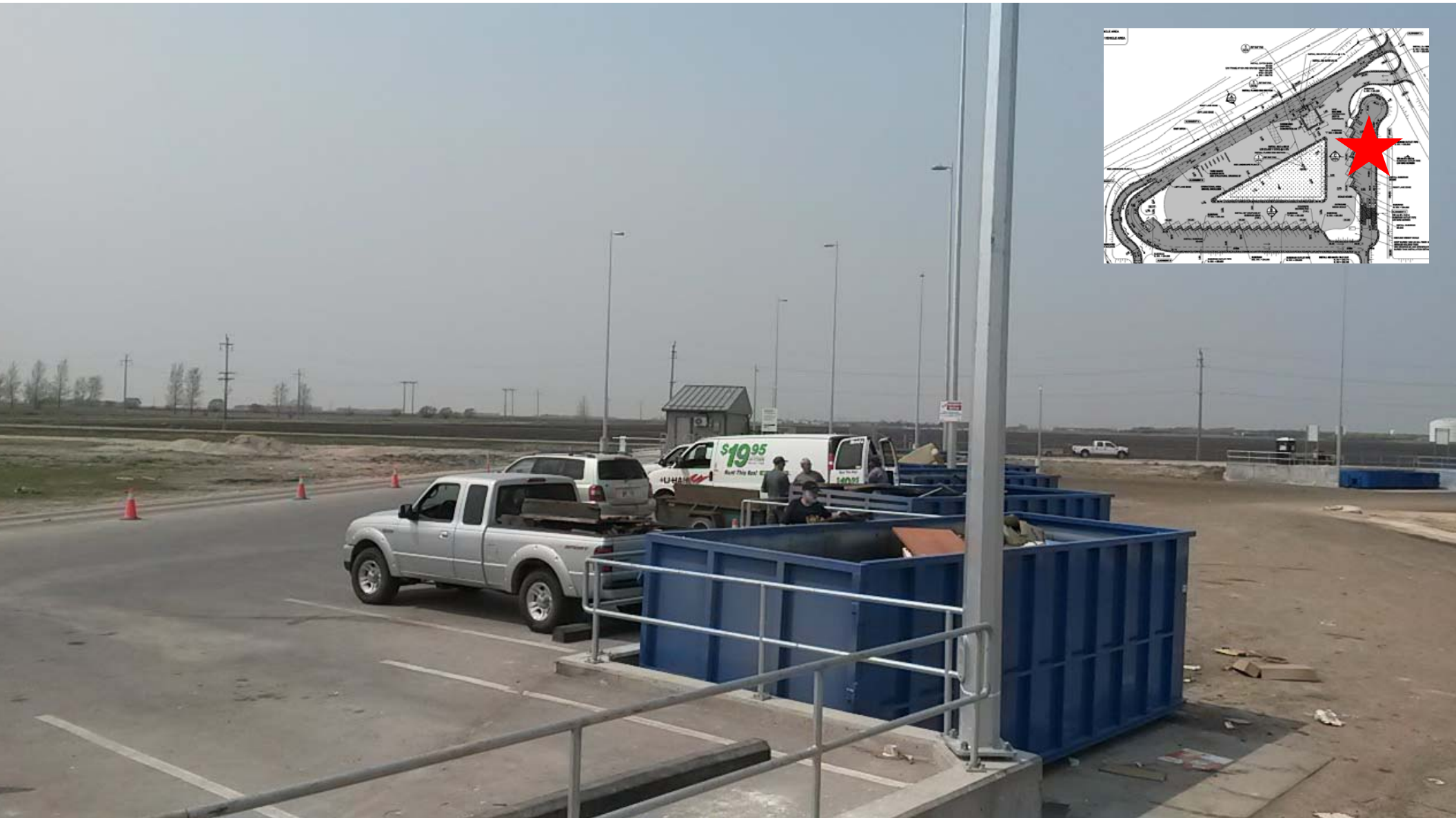


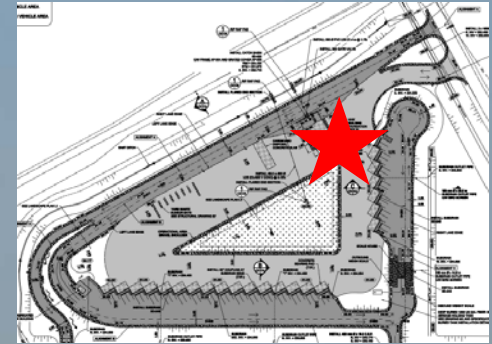
Do not proceed until scale lane is clear.
Do not block exit lane.
Différence d'avancer si la balance n'est occupée.
Différence de bloquer la voie de sortie.

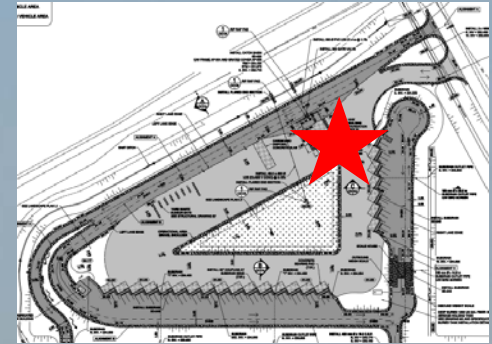
Barres levées
\$62.00

ATTENTION
NE PAS PROCÉDER JUSQU'À CE QUE LA BALANCE SOIT LIBRE.
NE PAS BLOQUER LA VOIE DE SORTIE.









Project Status

- Positive feedback from residential users
- Pacific 4R Depot Construction begins Summer 2016
- Panet 4R Depot RFP for design closed April 1, 2016

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