

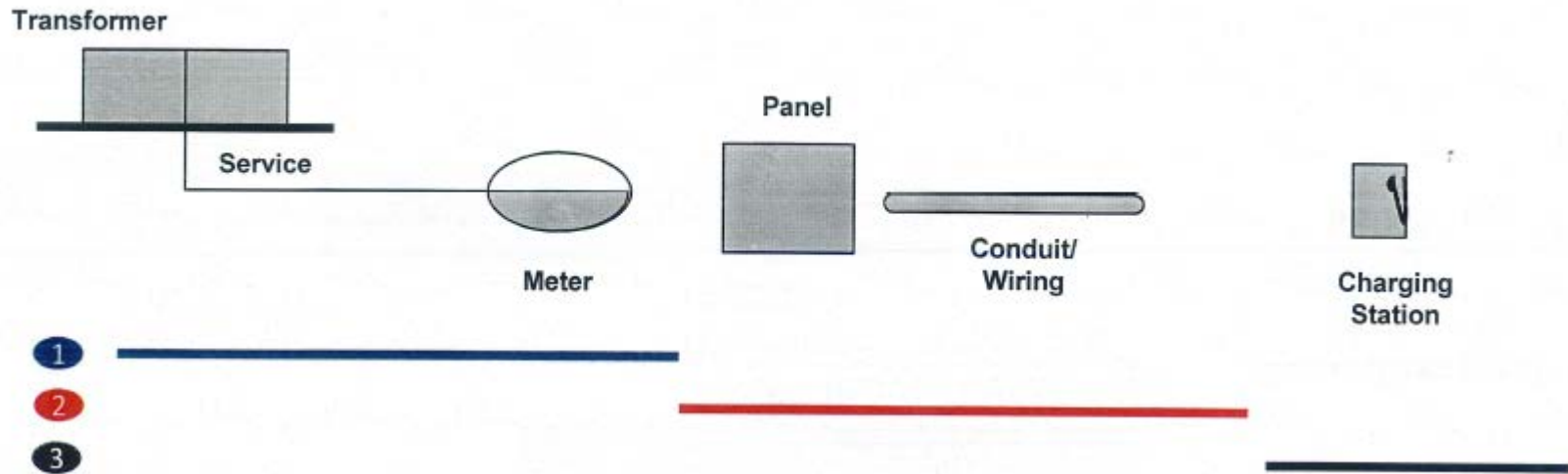
Electric Bus MOU and Charging Infrastructure Agreement



Transportation Committee
October 17, 2018
Business Item 2018-272

Pat Jones
Assistant Director,
Engineering and Facilities

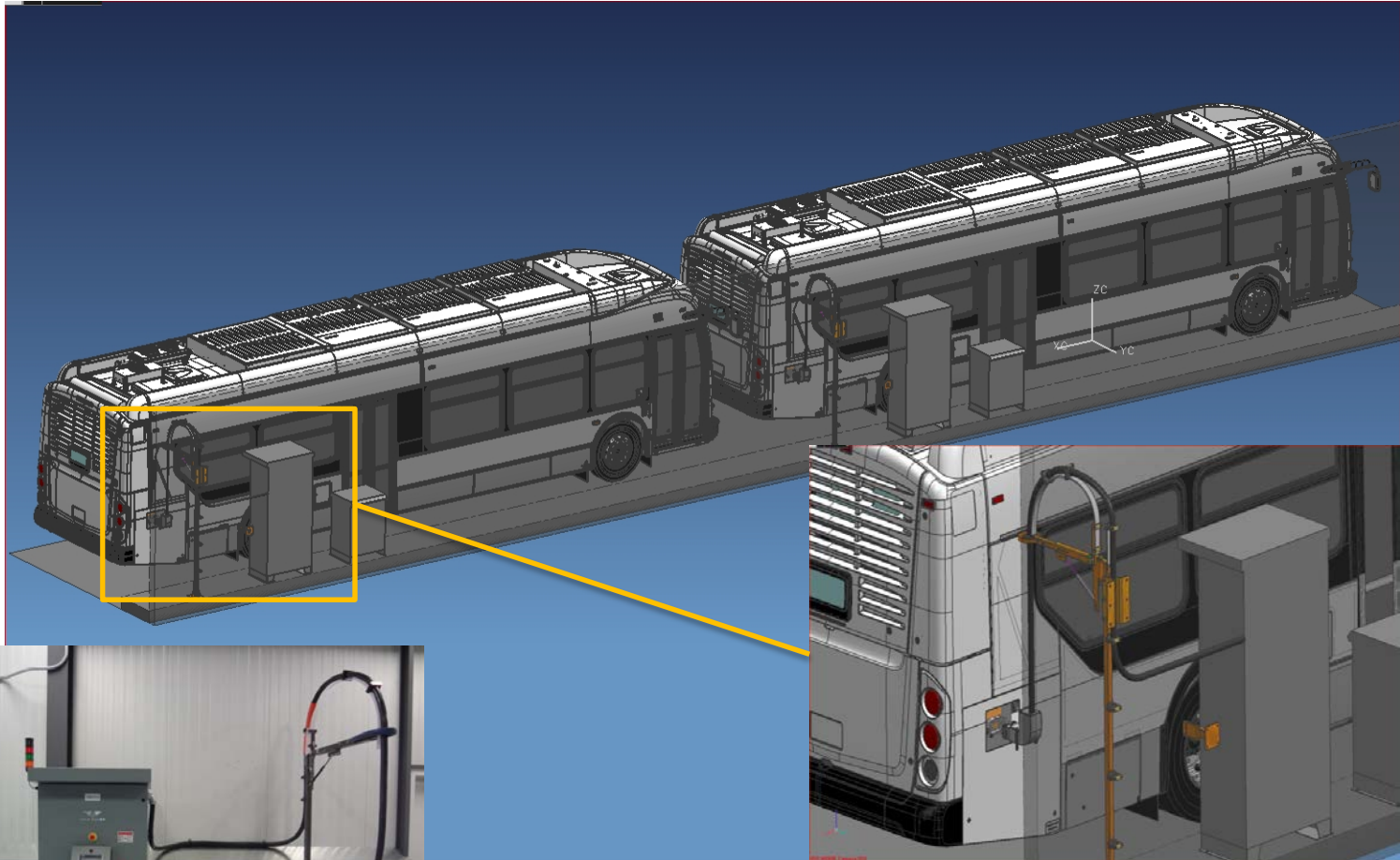
Carrie Desmond
Principal Engineer,
Engineering and Facilities



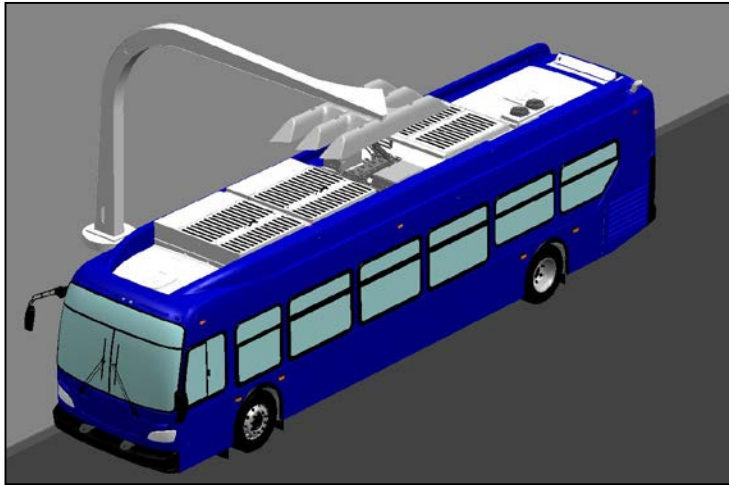
- 1 Xcel typically ends at the Transformer/Meter
- 2 Pilot Project will cover Panel, conduit, and wiring into to base of chargers
- 3 Metro Transit install charging stations

- 2018-29, approved purchase of electric buses and chargers
- 2018-150, approved Green Energy Partnership and proposed Pilot Project
- 2018-272 Electric Bus MOU lays ground work for Pilot Project and future projects
- 2018-272 Charging Infrastructure Agreement provides construction, operations, and maintenance

Garage Charger - Heywood Garage



Opportunity Charger BCTC



Brooklyn Center Transit Center

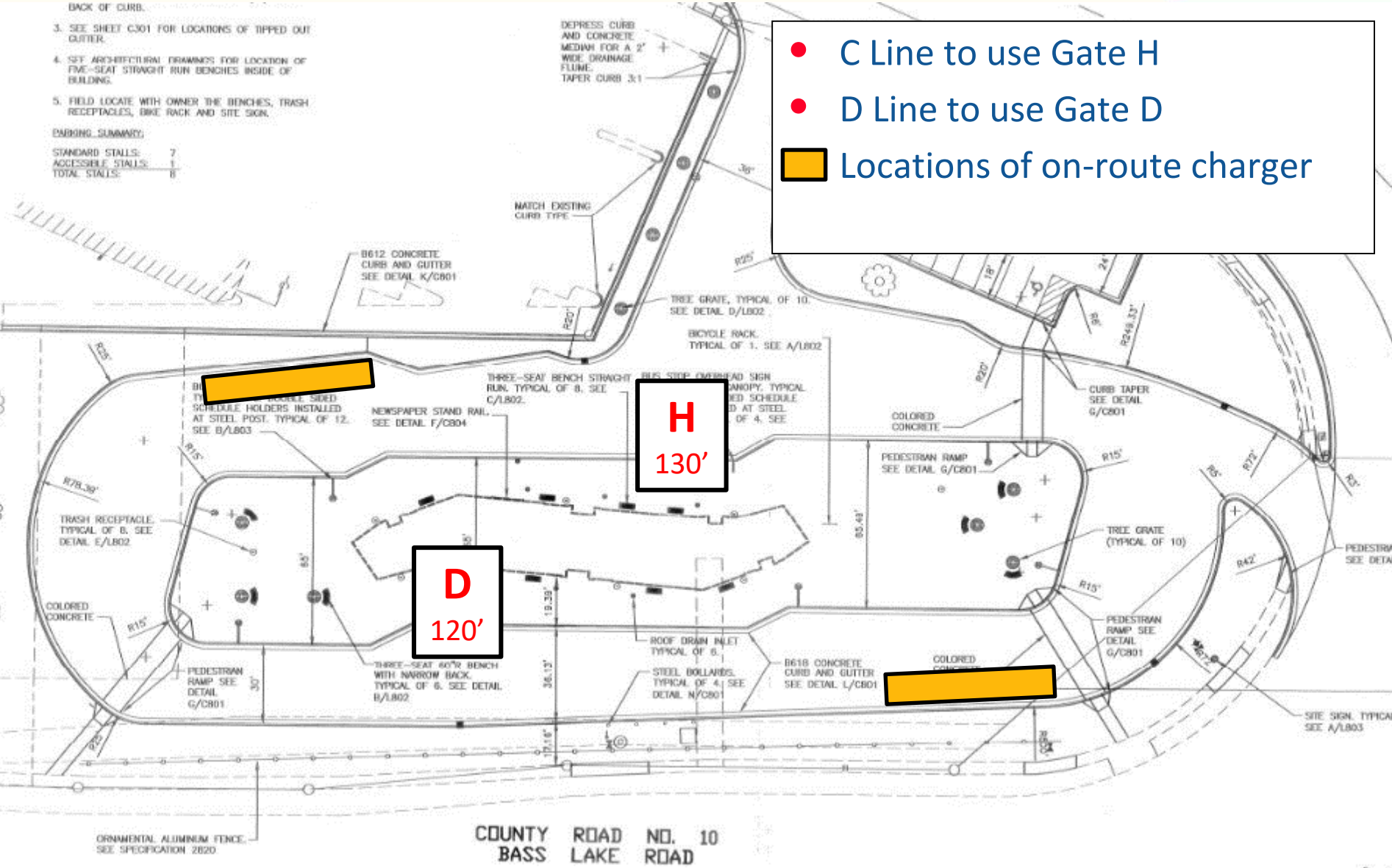


- BACK OF CURB.
- SEE SHEET C301 FOR LOCATIONS OF TIPPED OUT CUTTER.
 - SET ARCHITECTURAL DRAWINGS FOR LOCATION OF FIVE-SEAT STRAIGHT RUN BENCHES INSIDE OF BUILDING.
 - FIELD LOCATE WITH OWNER THE BENCHES, TRASH RECEPTACLES, BIKE RACK AND SITE SIGN.

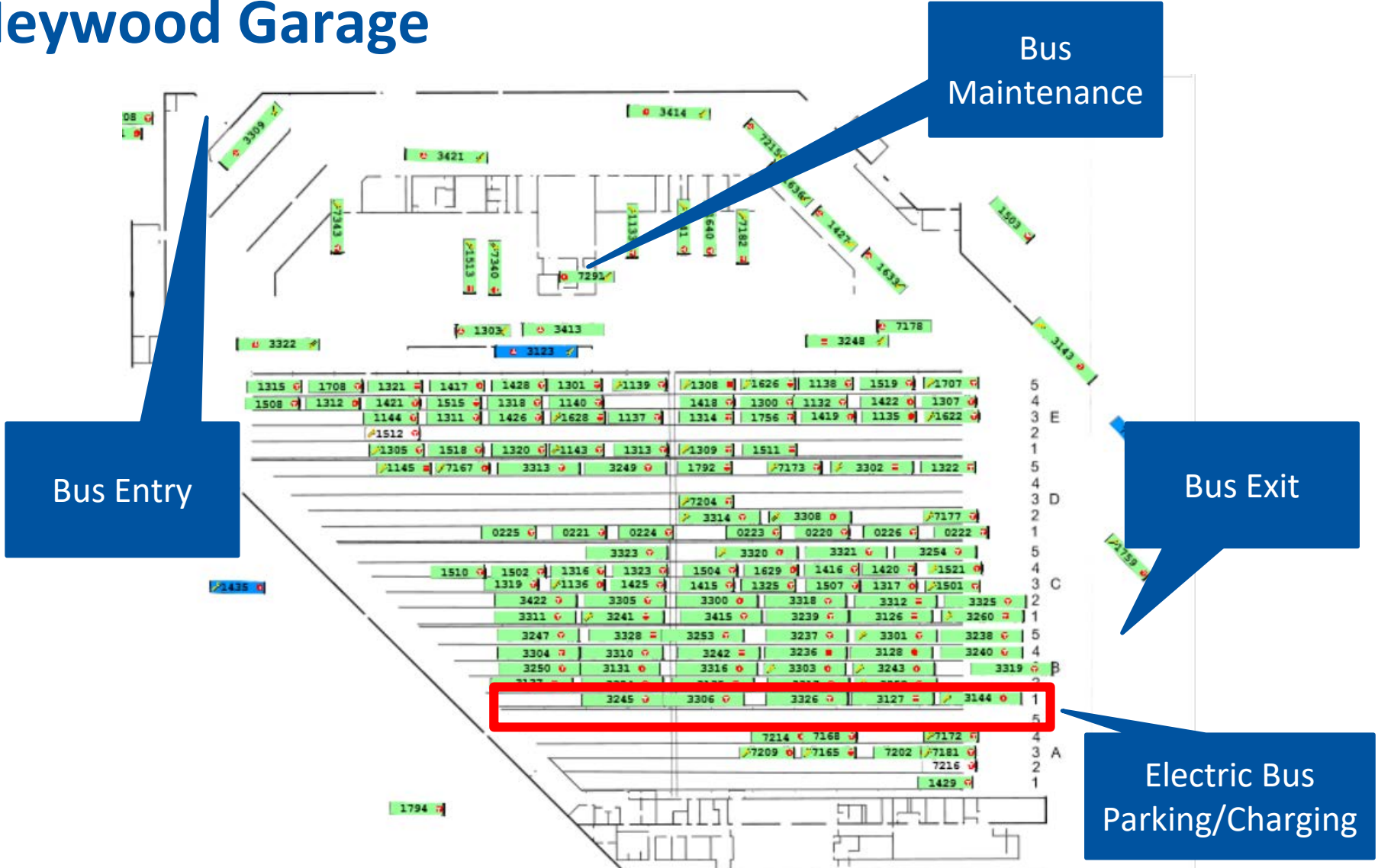
EMBARING SUMMARY:

STANDARD STALLS:	7
ACCESSIBLE STALLS:	1
TOTAL STALLS:	8

- C Line to use Gate H
- D Line to use Gate D
- Locations of on-route charger



Heywood Garage



Electric Bus/Bus Charger Project Schedule

	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019
Bus Delivery				First Bus	Two Buses	Four Buses	Final Bus		
Engineering / Section 106	100% Complete								
Charger Infrastructure Construction	Bid	NTP	Construct	Construct	Construct	Complete			
Charger Installation			Temp Charger Delivered	Factory Accept. Testing		Perm. Chargers Delivered	Installed Programed		
Commissioning and Training	New Flyer Contract Issued			Maintenance Training			Test, Train Begin	Testing, Training Finish	

Proposed Action

- Authorize the Regional Administrator to negotiate and execute:
 - Memorandum of Understanding (MOU) Bus Electrification Strategy
 - Metro Transit Electric Buses and Charging Infrastructure Agreement



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