

1460 & 1480 Sheridan Boulevard
Transportation Analysis - Supporting Documentation

LANGAN

DRAFT

SCREENING ASSESSMENT OF HIGH-CRASH LOCATIONS

DRAFT

Crash Data Analysis

Crash data was obtained from NYC DOT for the January 1, 2017 to December 31, 2019 period (the most recent three year period available) for the eighteen (18) intersection located within 0.25 miles of the project site that have project-generated trips assigned to them. The data identifies the total number of reportable (involving a fatality, injury, or more than $1,000 in property damages) and non-reportable crashes, as well as the total number of crashes involving injuries to pedestrians or bicyclists. Table 1 provides a summary of these crashes by year and location.

Table 1. Preliminary Crash Data Analysis Summary

		Pedestrian Injury Crashes			Bicycle Injury Crashes			Total Bicycle + Pedestrian Injury Crashes Combined			Total Crashes (Reportable + Non-Reportable)		
ID	**Intersection Name**	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**	**2017**	**2018**	**2019**
1	Sheridan Boulevard and East 173rd Street	0	0	0	0	0	0	0	0	0	0	0	0
2	Sheridan Boulevard, Edgewater Road and East 172nd Street	0	0	0	0	0	0	0	0	0	0	0	0
3	Sheridan Boulevard, Edgewater Road and Jennings Street	0	0	0	0	0	0	0	0	0	0	0	0
4	Southbound Sheridan Boulevard Off-Ramp, Boone Avenue, Freeman Street and Whitlock Avenue	1	0	1	0	0	0	1	0	1	1	2	9
5	Bronx River Avenue and East 173rd Street	0	0	0	0	0	0	0	0	0	2	0	0
6	Bronx River Avenue and Elder Avenue	0	0	0	0	0	0	0	0	0	3	1	0
7	Bronx River Avenue and Wheeler Avenue	0	0	0	0	0	0	0	0	0	1	0	0
8	Bronx River Avenue, East 172nd Street and Evergreen Avenue	0	0	0	0	1	0	0	1	0	1	5	0
9	Bronx River Avenue and Colgate Avenue	0	0	0	0	0	0	0	0	0	3	2	1
10	Bryant Avenue and Westchester Avenue	0	0	1	1	0	0	1	0	1	1	3	2
11	Longfellow Avenue, Westchester and East 167th Avenue	1	1	0	0	0	0	1	1	0	1	3	0
12	Home Street and Westchester Avenue	0	0	0	0	0	0	0	0	0	1	2	1
13	Whitlock Avenue and Westchester Avenue	3	5	1	1	1	0	4	6	1	18	23	5
14	Edgewater Road, Northbound Sheridan Boulevard Off-Ramp and Westchester Avenue	1	0	0	1	2	0	2	2	0	12	15	10
15	Bronx River Avenue, Close Road and Westchester Avenue	1	0	1	1	2	0	2	2	1	24	17	17
16	Colgate Avenue and Westchester Avenue	1	1	2	1	0	0	2	1	2	5	3	3
17	Evergreen Avenue and Westchester Avenue	1	0	1	0	0	0	1	0	1	6	2	4
18	Wheeler Avenue and Westchester Avenue	0	1	0	0	0	0	0	1	0	2	8	4
	Total	**9**	**8**	**7**	**5**	**6**	**0**	**14**	**14**	**7**	**81**	**86**	**56**

Note: Intersections shown in gray shading are located along the Westchester Avenue Vision Zero "Priority Corridor" within ¼-mile of the Project Site.

We reviewed the Vision Zero corridors/intersections, Senior Pedestrian Focus Areas (SPFAs) and Truck Priority Safety Corridors. There are no Senior Pedestrian Focus Areas (SPFAs) and Truck Priority Safety Corridors in the ¼-mile radius from the Project Development Sites. There is a Vision Zero Priority Corridor within ¼-mile radius from the Project Development Sites and it is shown in Figure 1 below.

DRAFT

Figure 1. Vision Zero Priority Corridor Map

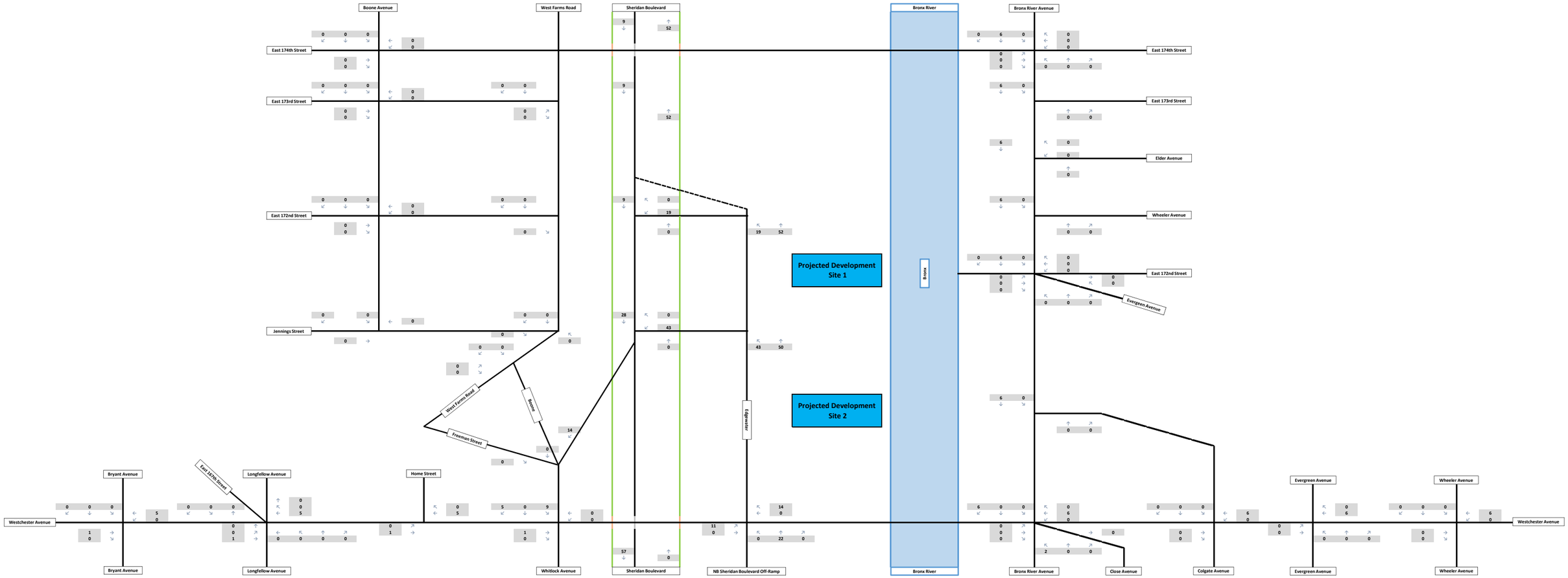


DRAFT

TRAFFIC & PEDESTRIAN VOLUME FIGURES

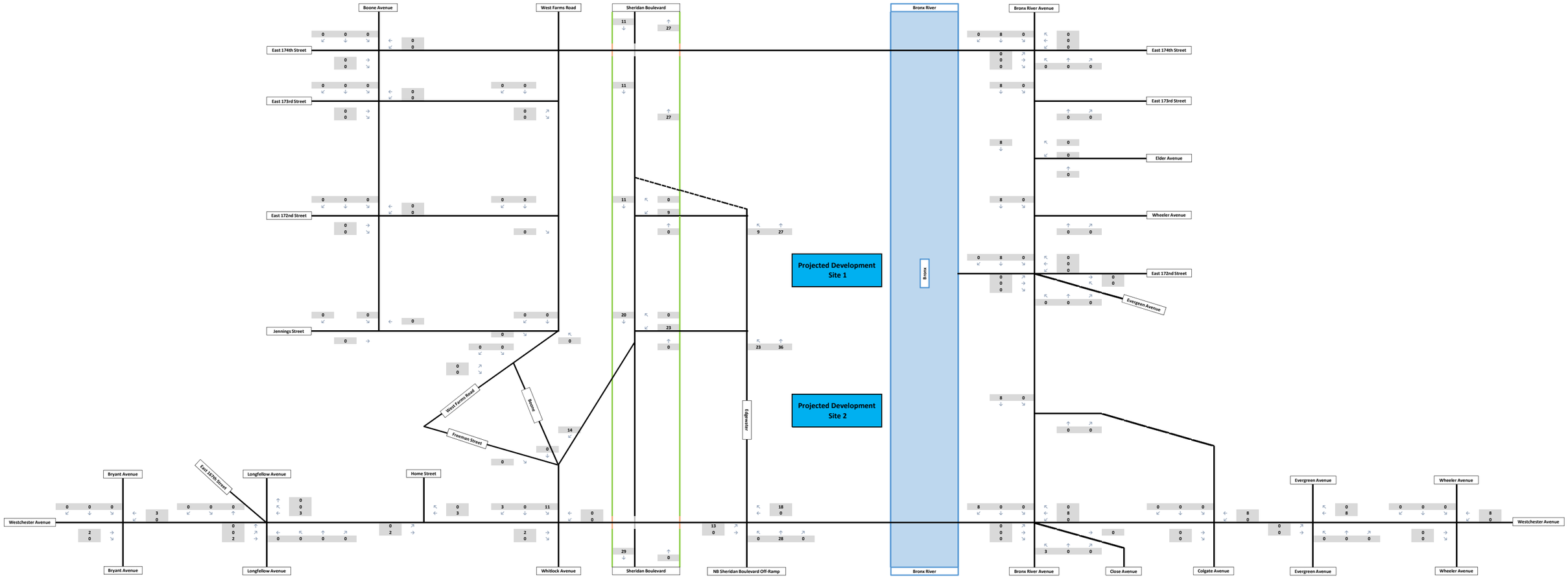
DRAFT

FIGURE H-1: PROJECT-GENERATED VEHICLE TRIP ASSIGNMENTS
WEEKDAY AM PEAK HOUR



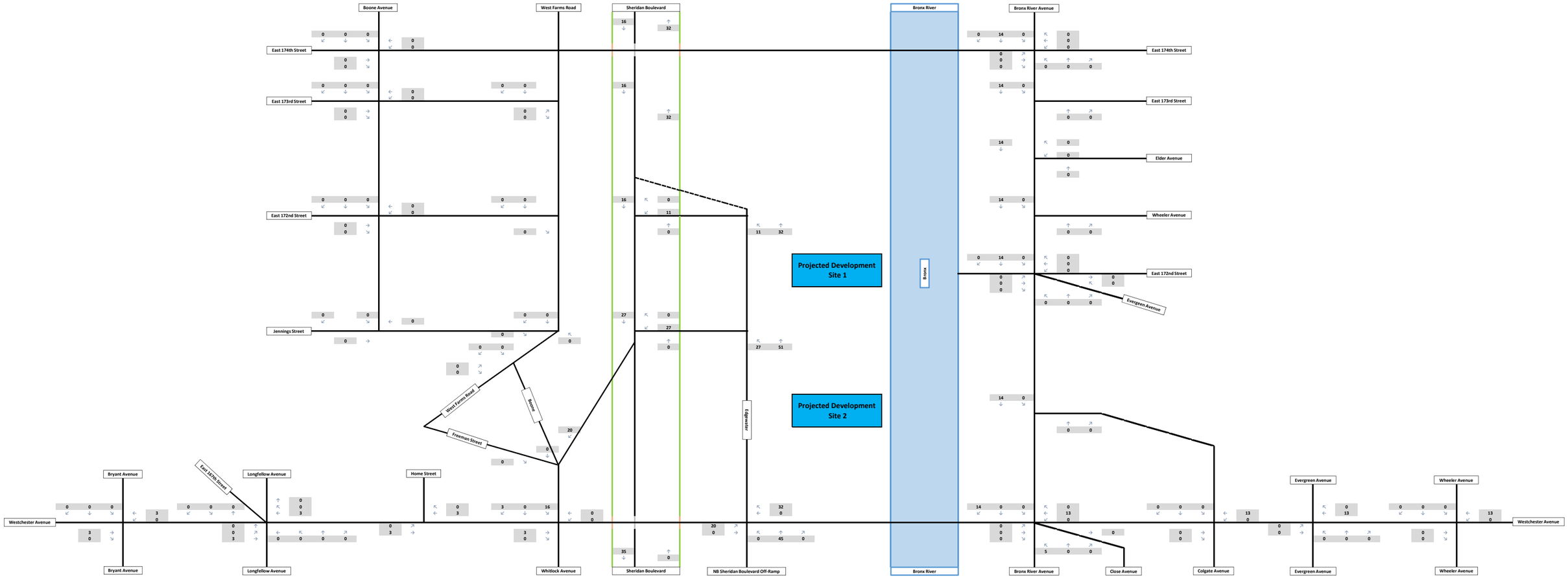
DRAFT

FIGURE H-2: PROJECT-GENERATED VEHICLE TRIP ASSIGNMENTS
WEEKDAY MIDDAY PEAK HOUR



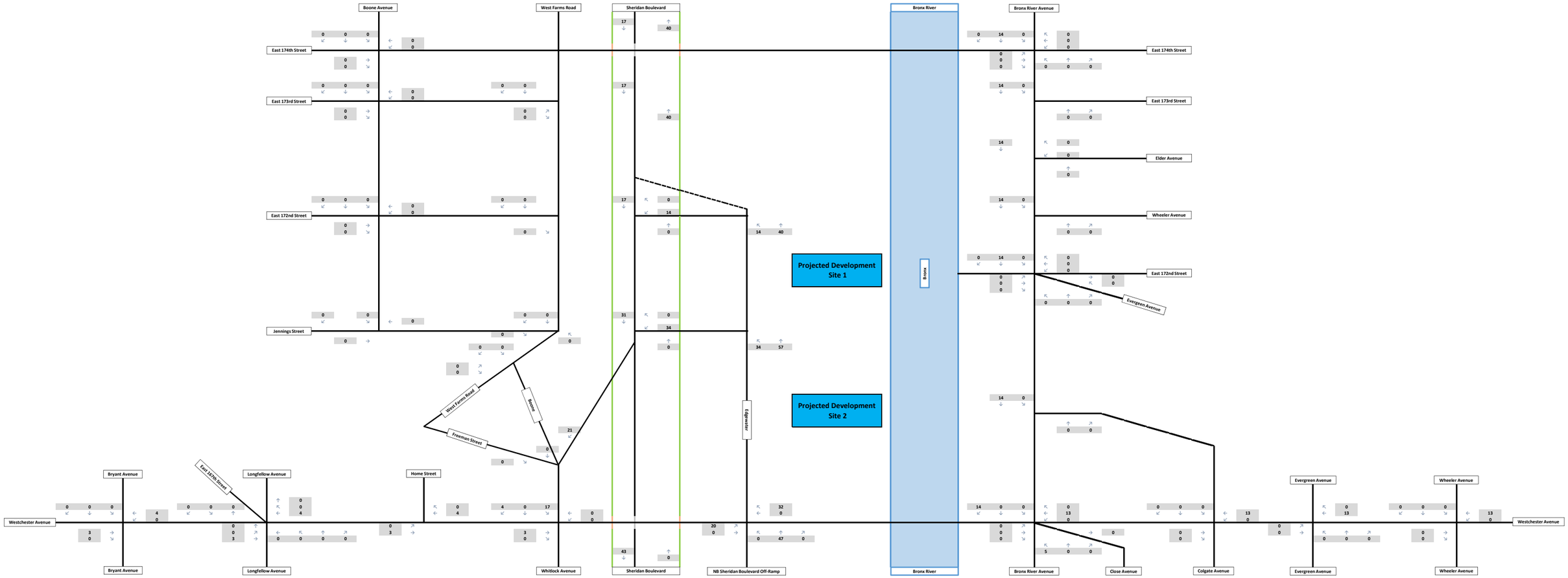
DRAFT

FIGURE H-3: PROJECT-GENERATED VEHICLE TRIP ASSIGNMENTS
WEEKDAY PM PEAK HOUR



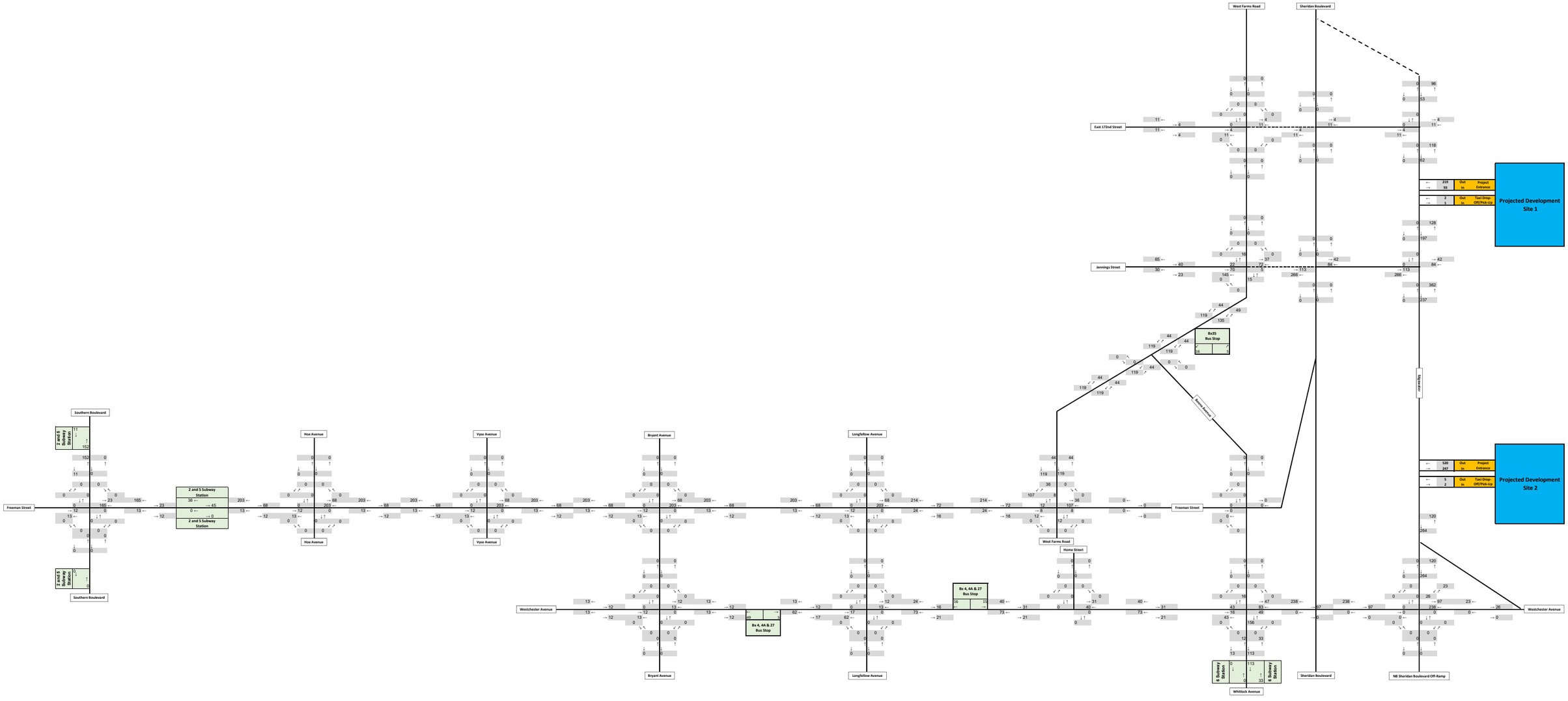
DRAFT

FIGURE H-4: PROJECT-GENERATED VEHICLE TRIP ASSIGNMENTS
SATURDAY MIDDAY PEAK HOUR



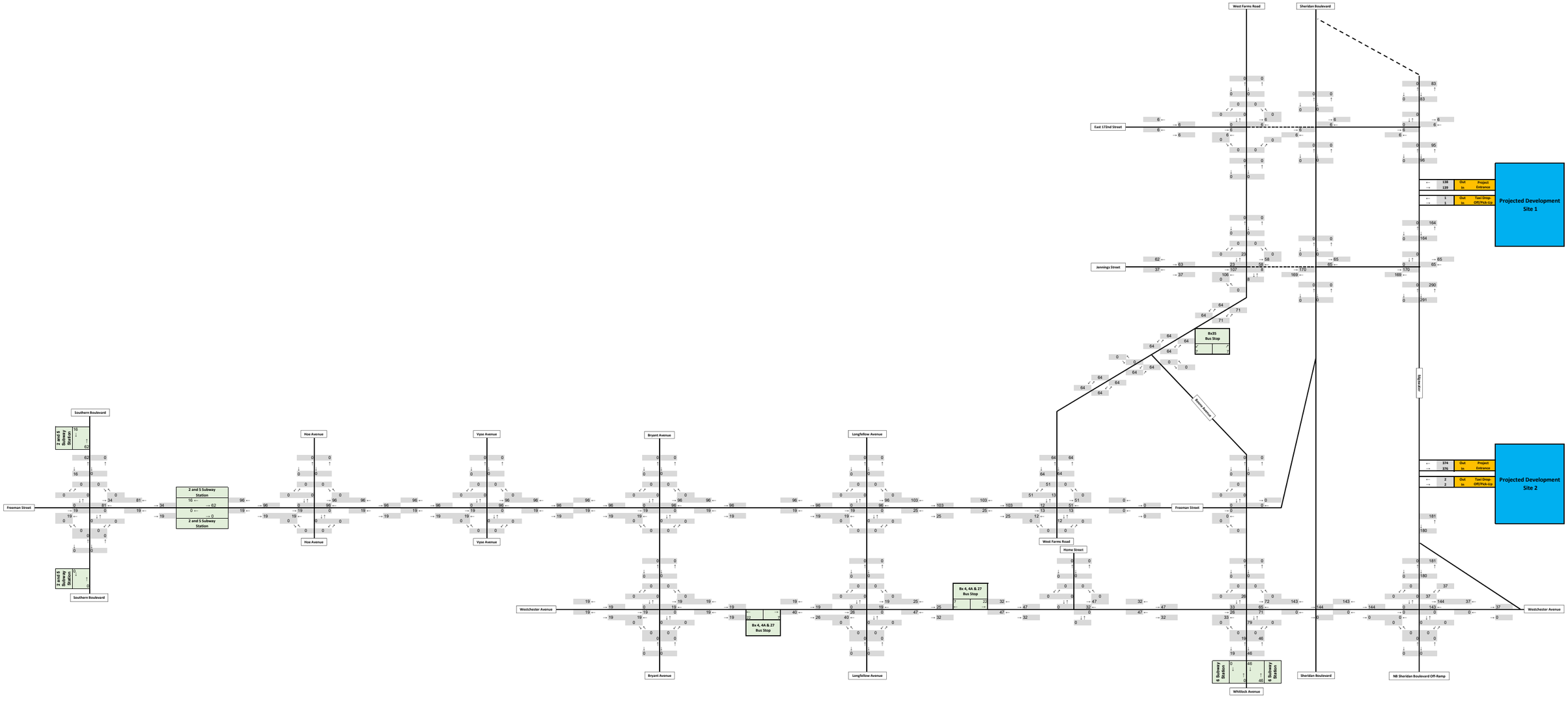
DRAFT

FIGURE H-5: PROJECT-GENERATED PEDESTRIAN TRIP ASSIGNMENTS
WEEKDAY AM PEAK HOUR



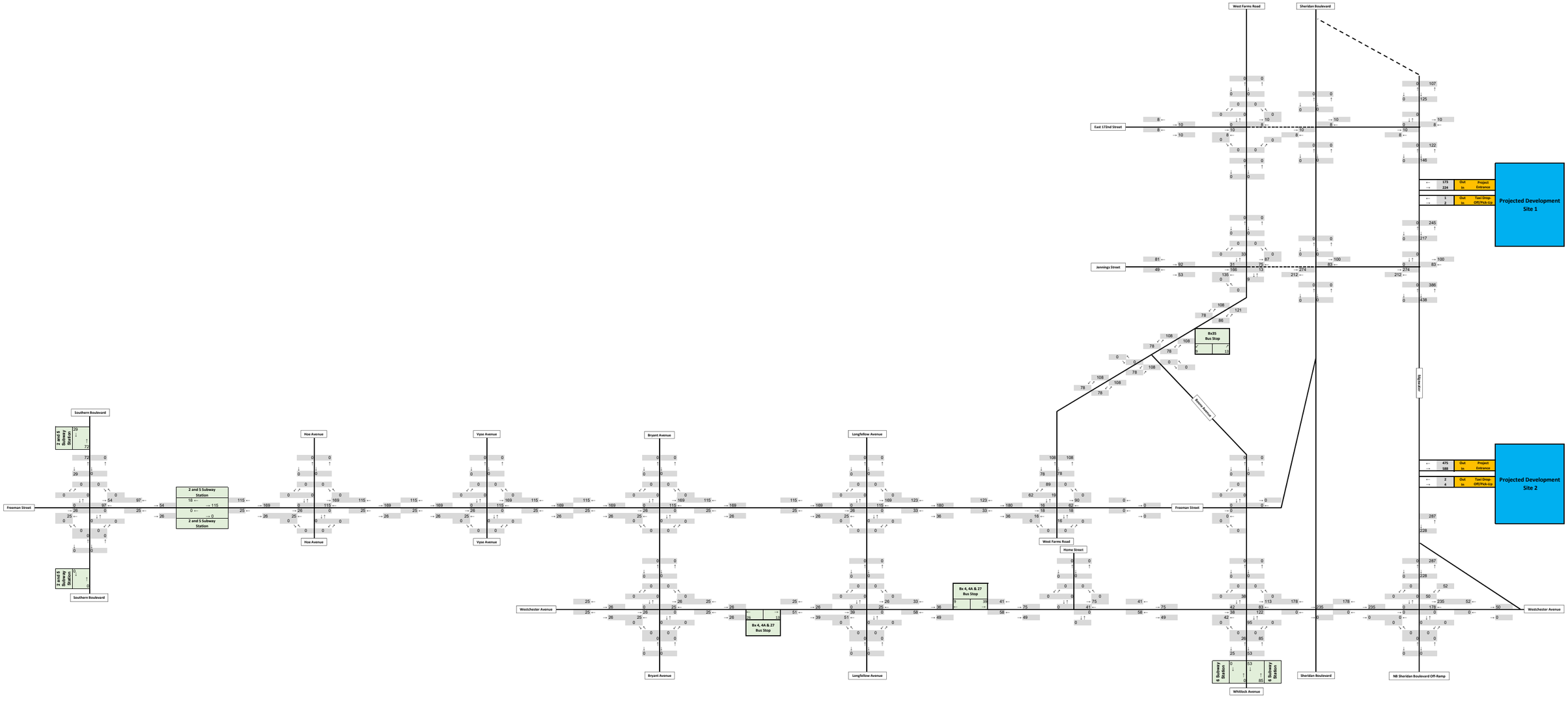
DRAFT

FIGURE H-6: PROJECT-GENERATED PEDESTRIAN TRIP ASSIGNMENTS
WEEKDAY MIDDAY PEAK HOUR



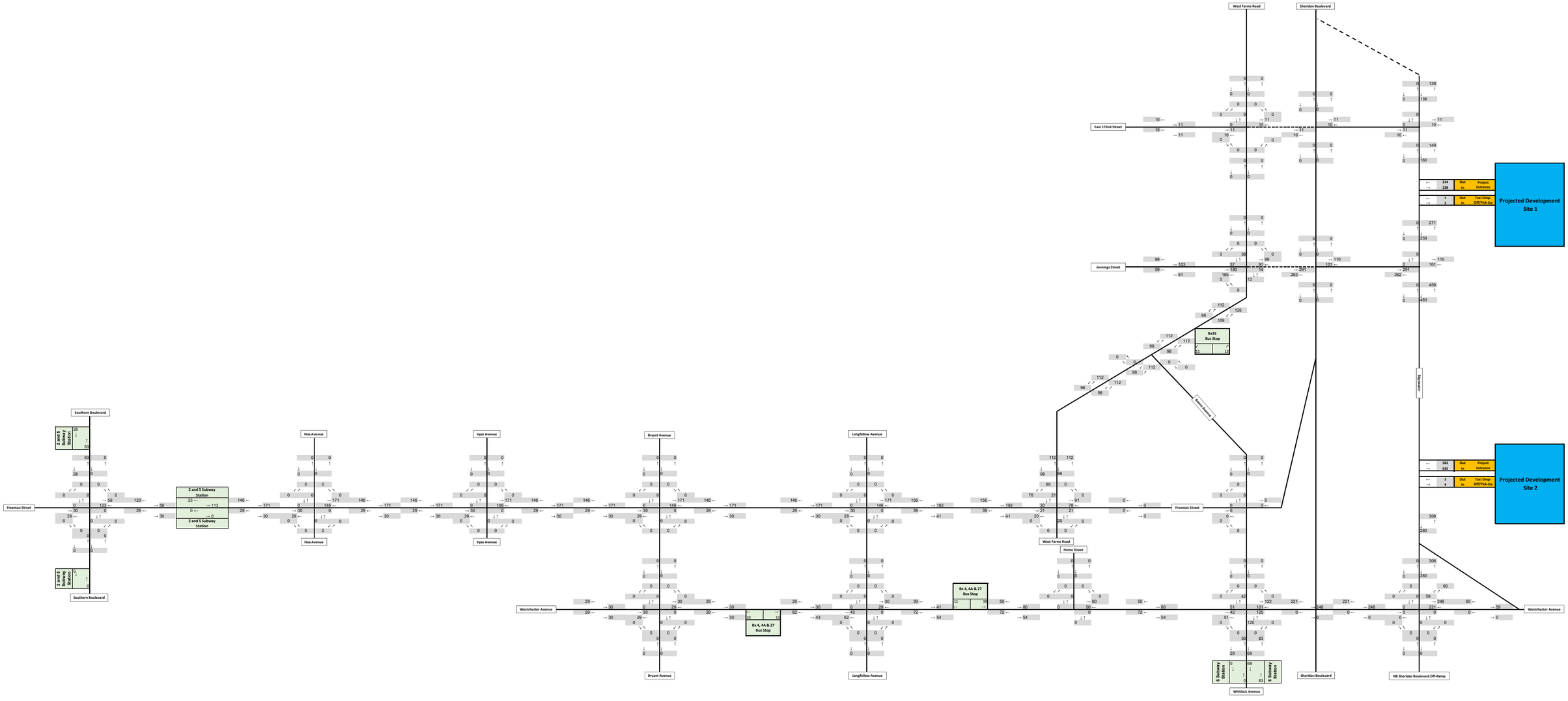
DRAFT

FIGURE H-7: PROJECT-GENERATED PEDESTRIAN TRIP ASSIGNMENTS
WEEKDAY PM PEAK HOUR



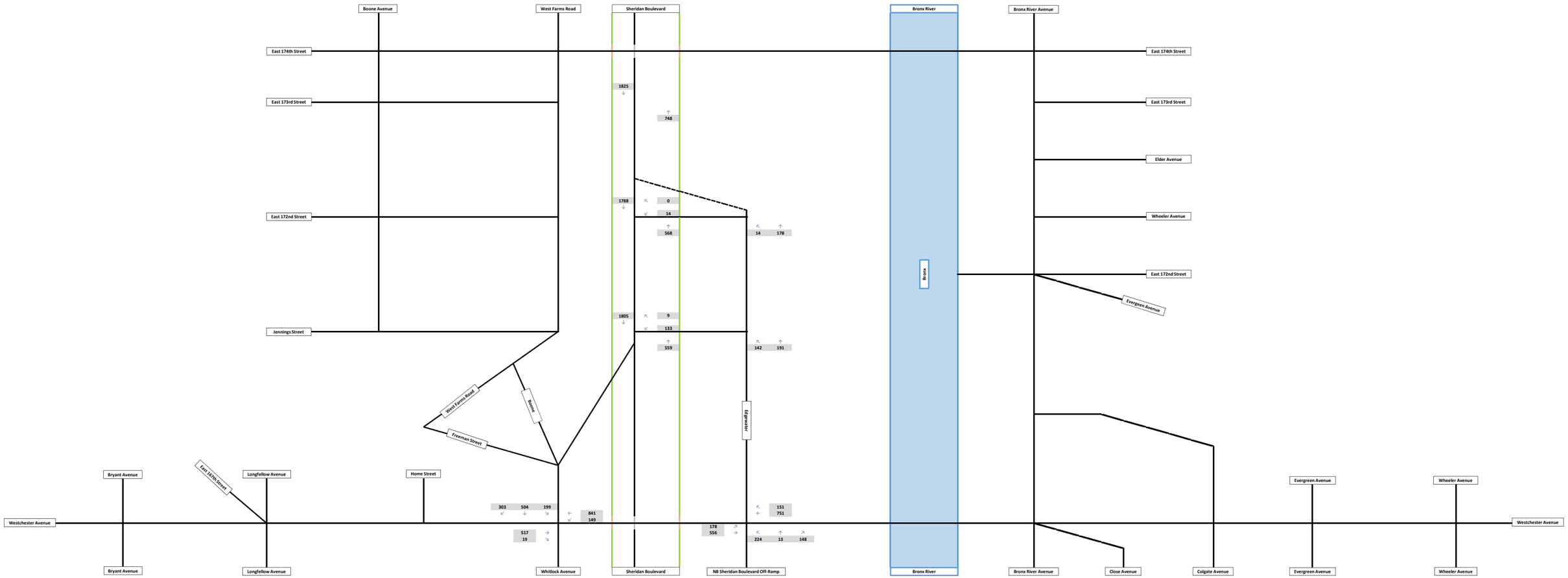
DRAFT

FIGURE H-8: PROJECT-GENERATED PEDESTRIAN TRIP ASSIGNMENTS
SATURDAY MIDDAY PEAK HOUR



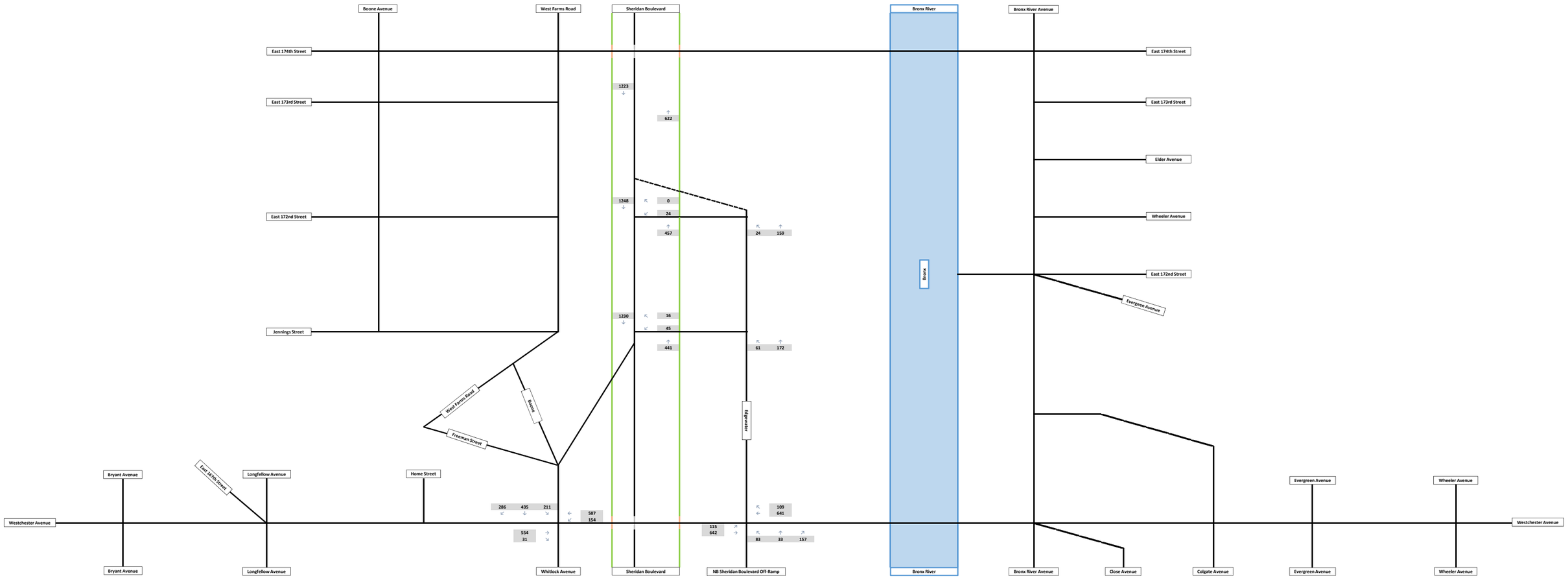
DRAFT

FIGURE H-9: BASELINE CONDITIONS TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR



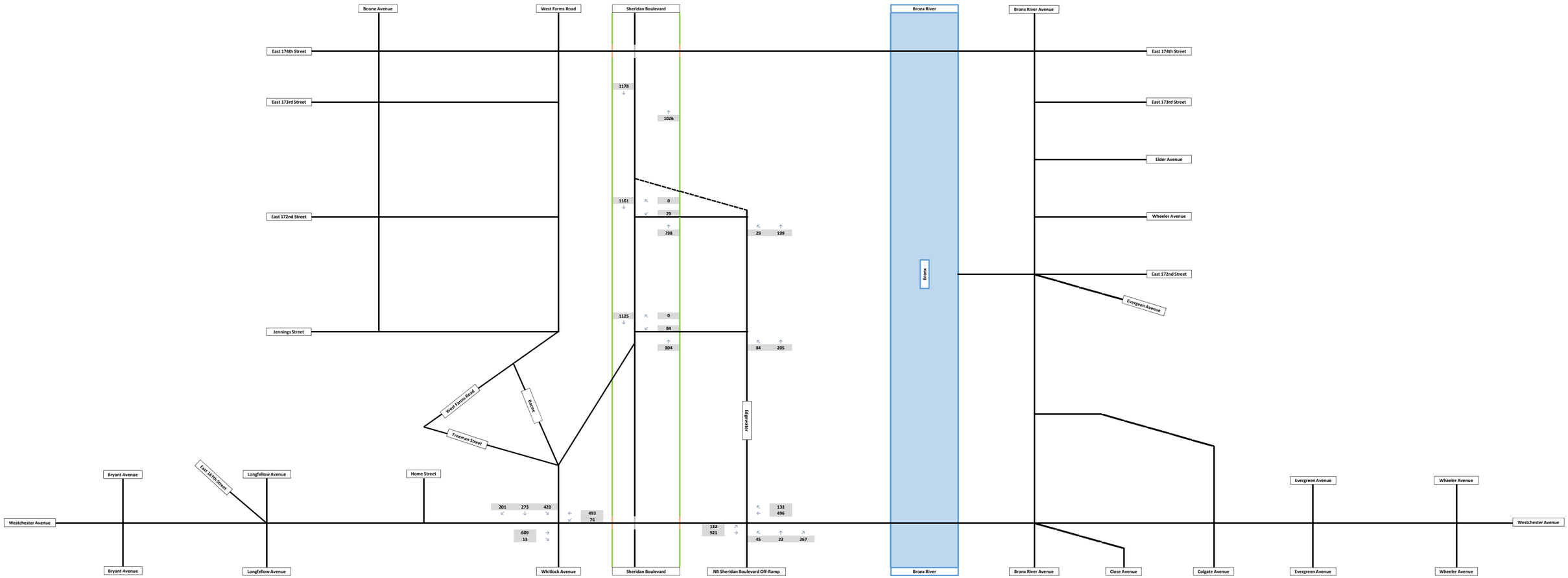
DRAFT

FIGURE H-10: BASELINE CONDITIONS TRAFFIC VOLUMES
WEEKDAY MIDDAY PEAK HOUR



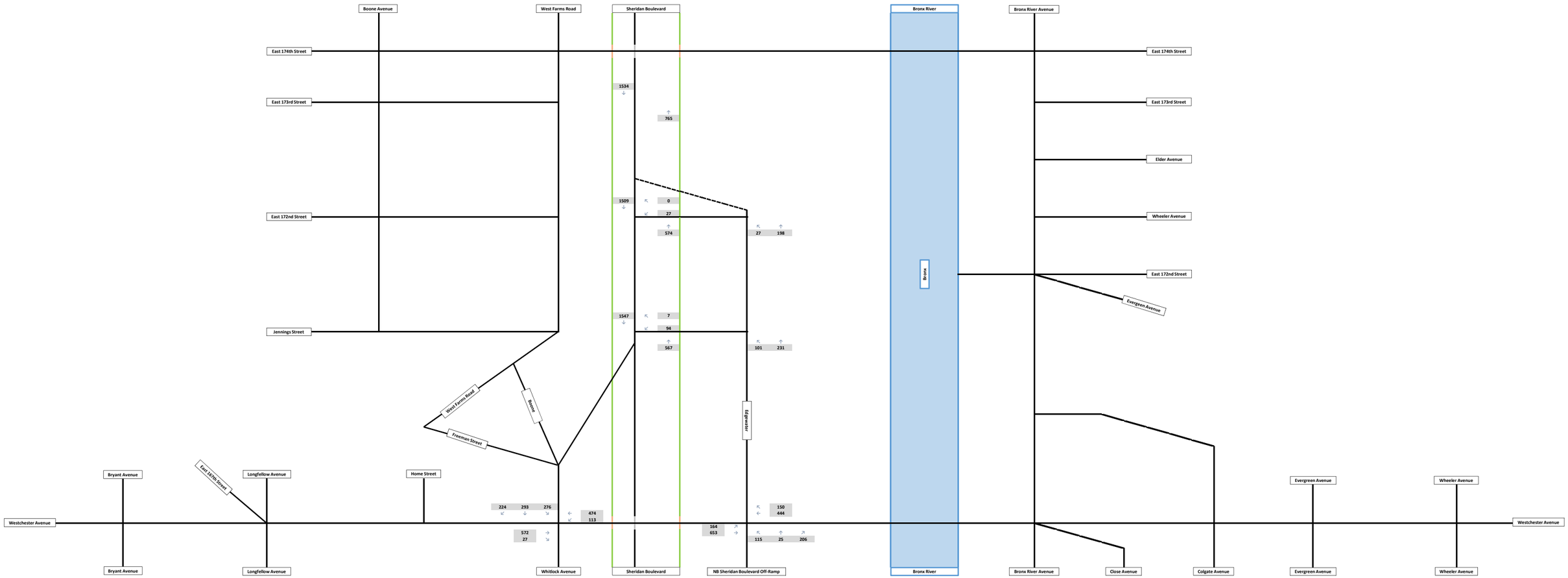
DRAFT

FIGURE H-11: BASELINE CONDITIONS TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR



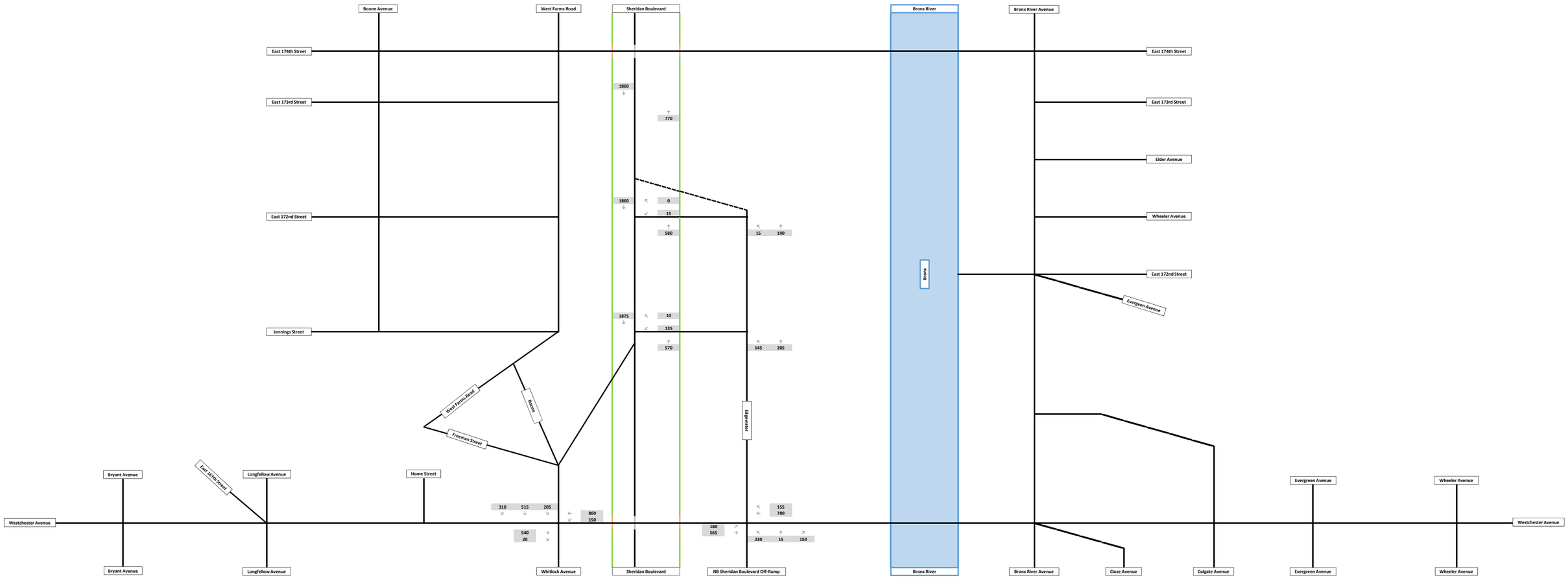
DRAFT

FIGURE H-12: BASELINE CONDITIONS TRAFFIC VOLUMES
SATURDAY MIDDAY PEAK HOUR



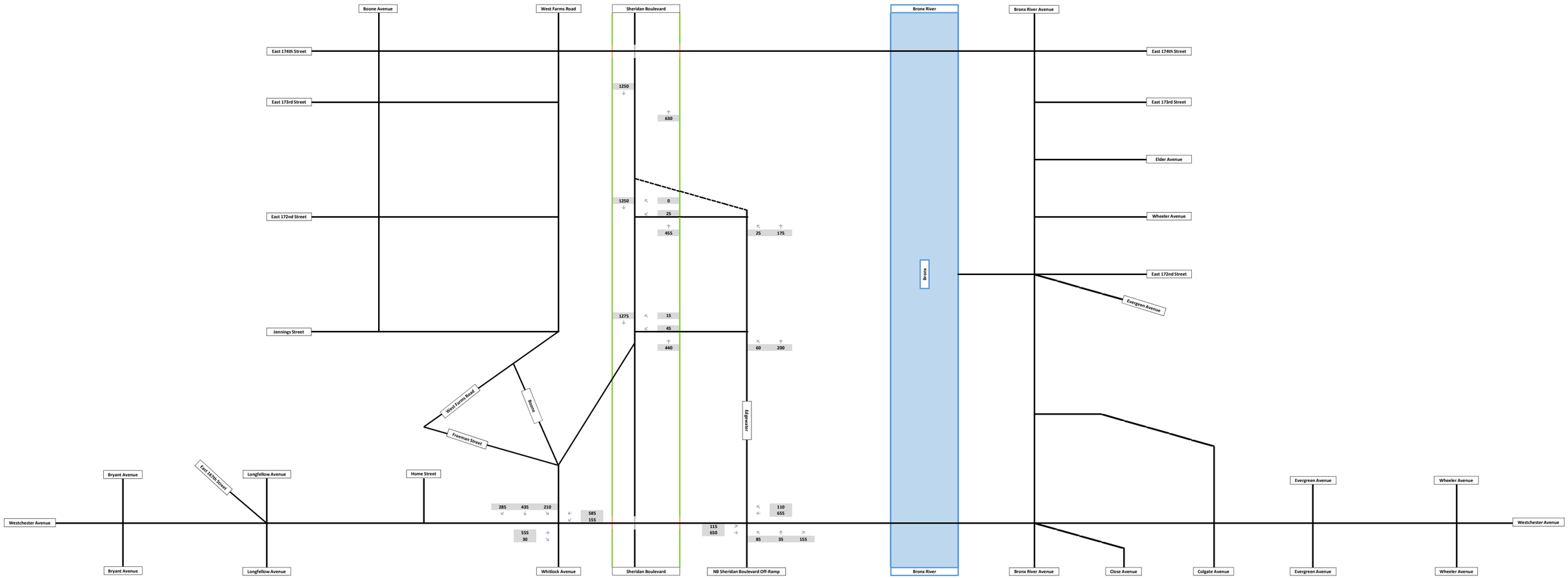
DRAFT

FIGURE H-13: 2022 EXISTING CONDITIONS TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR



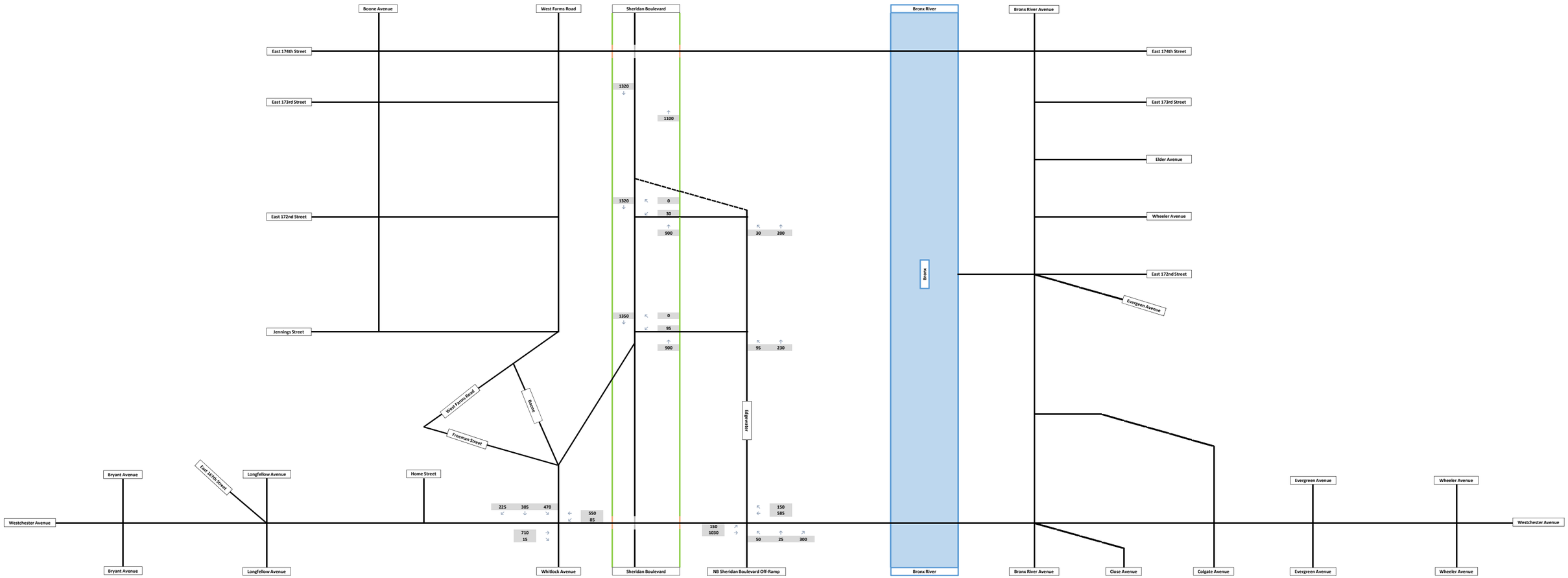
DRAFT

FIGURE H-14: 2022 EXISTING CONDITIONS TRAFFIC VOLUMES
WEEKDAY MIDDAY PEAK HOUR



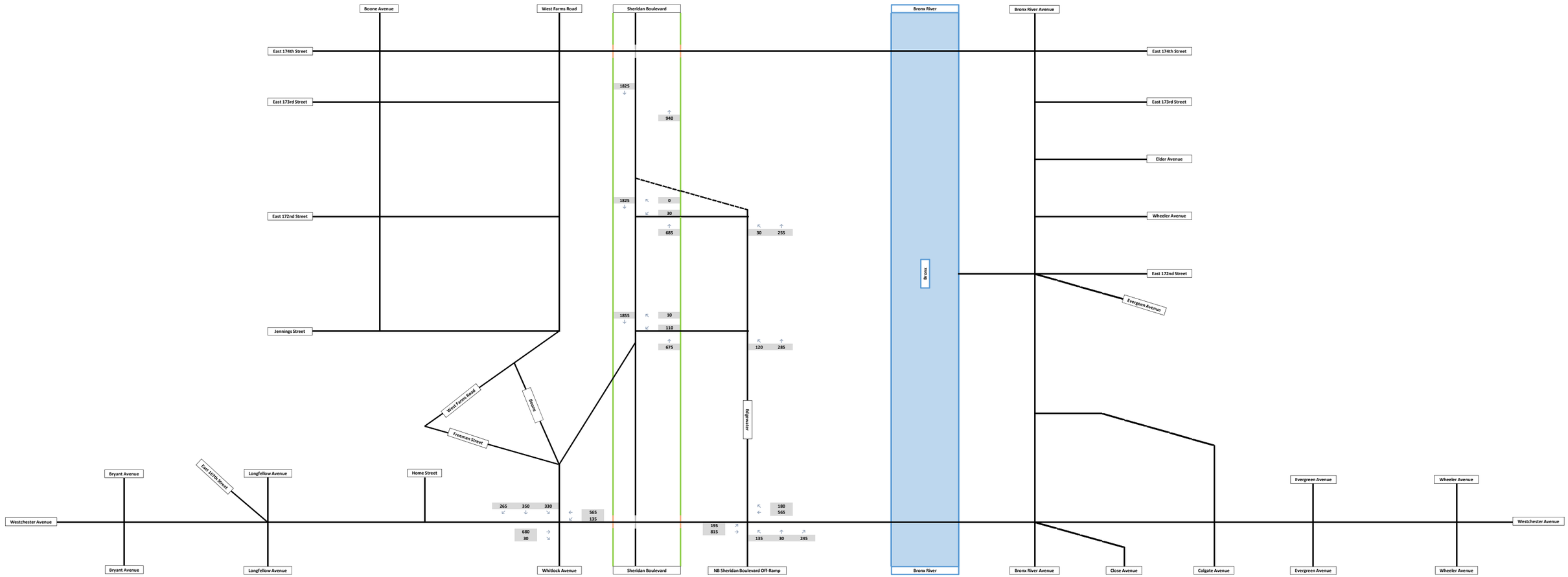
DRAFT

FIGURE H-15: 2022 EXISTING CONDITIONS TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR



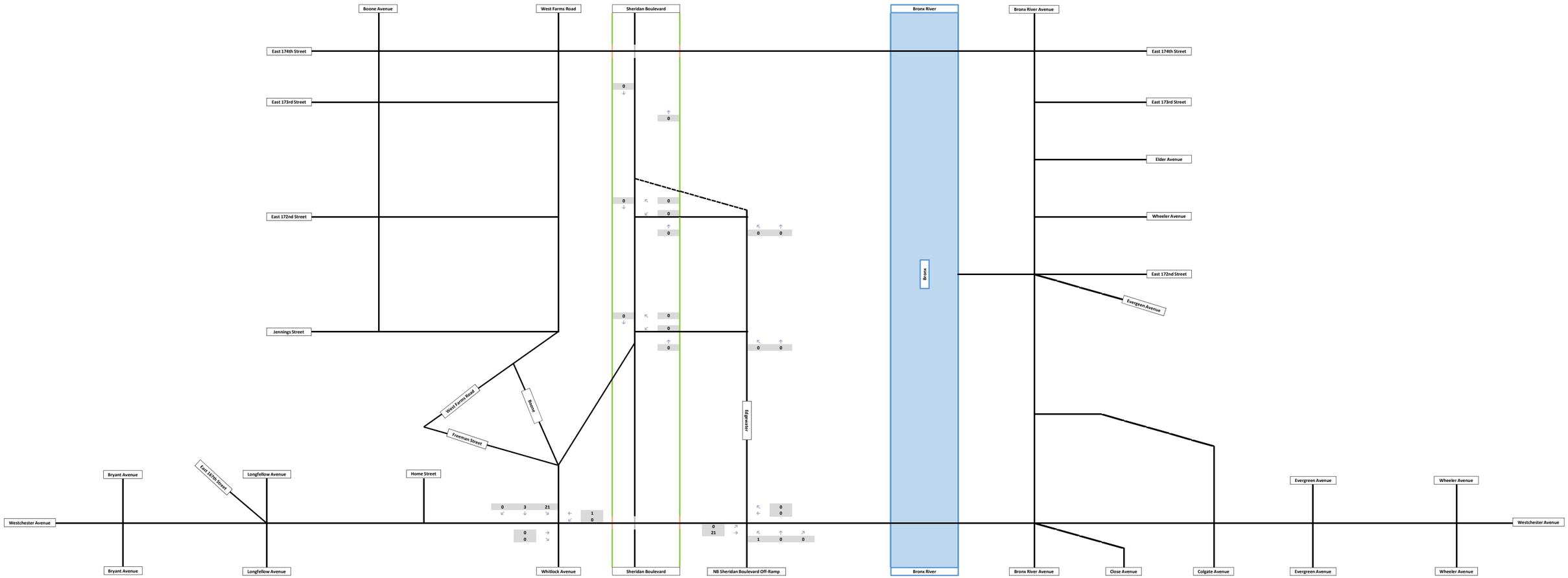
DRAFT

FIGURE H-16: 2022 EXISTING CONDITIONS TRAFFIC VOLUMES
SATURDAY MIDDAY PEAK HOUR



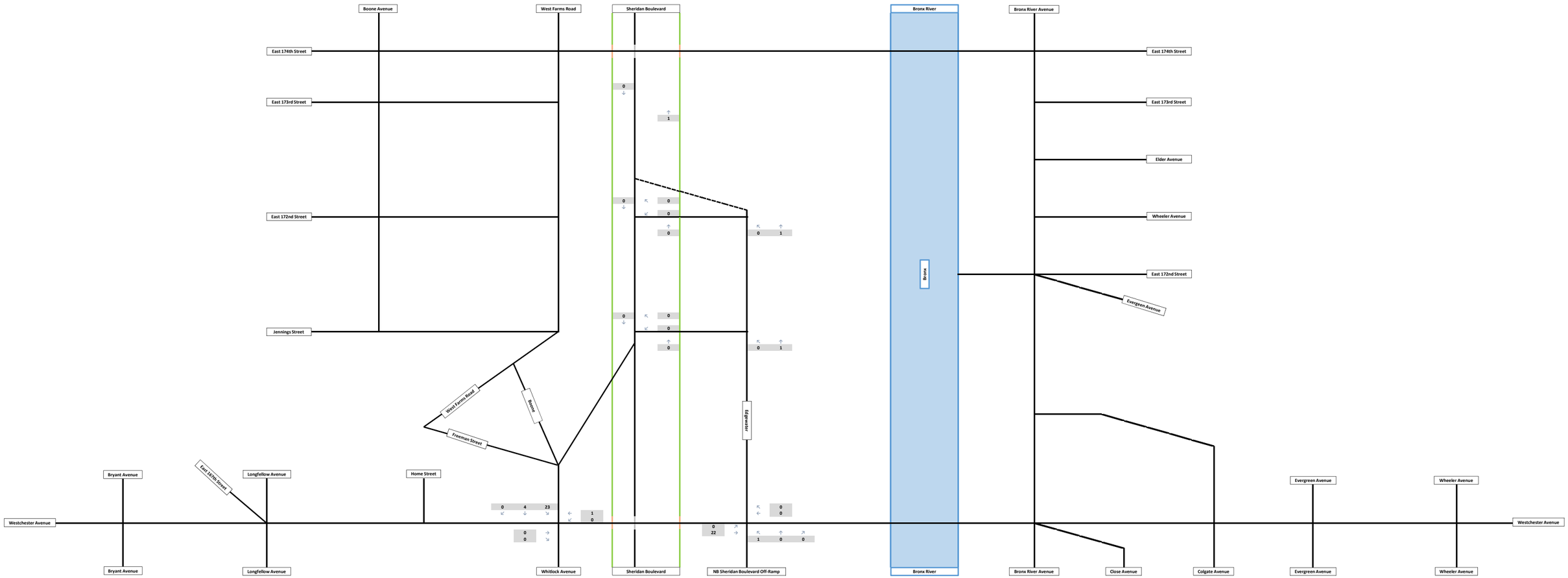
DRAFT

FIGURE H-17: NO-BUILD DEVELOPMENT PROJECTS VEHICLE TRIP ASSIGNMENTS
WEEKDAY AM PEAK HOUR



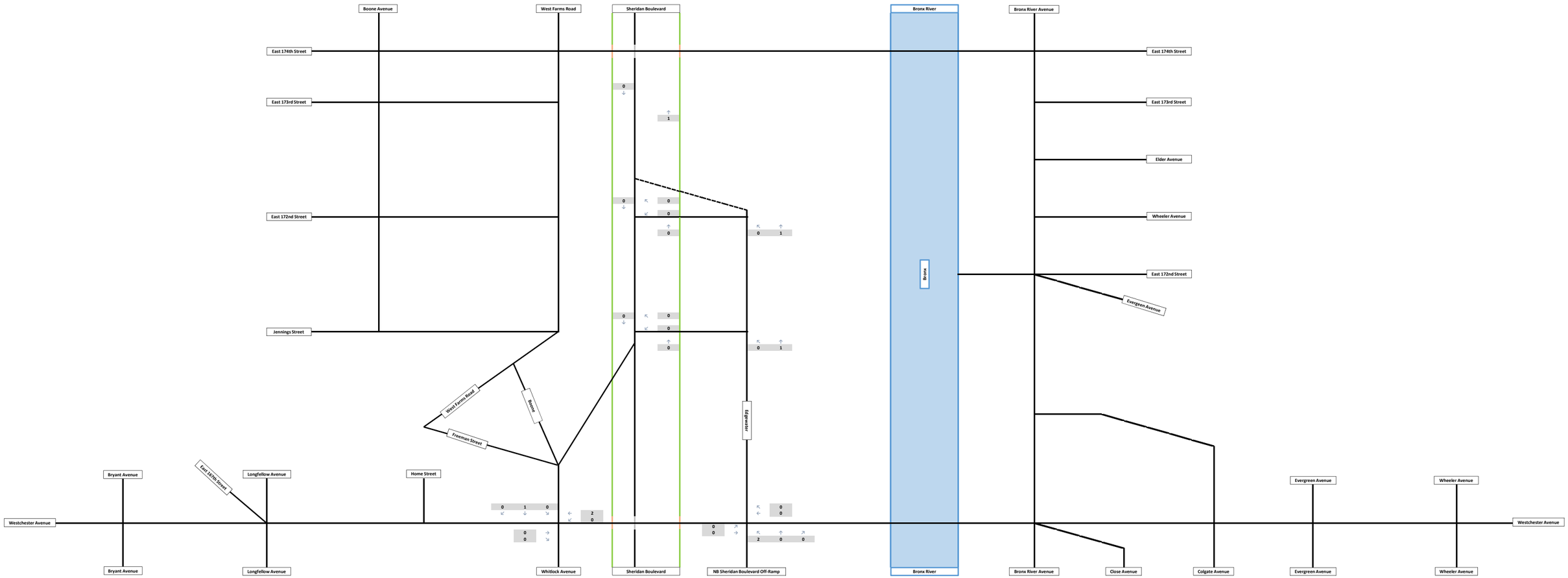
DRAFT

FIGURE H-18: NO-BUILD DEVELOPMENT PROJECTS VEHICLE TRIP ASSIGNMENTS
WEEKDAY MIDDAY PEAK HOUR



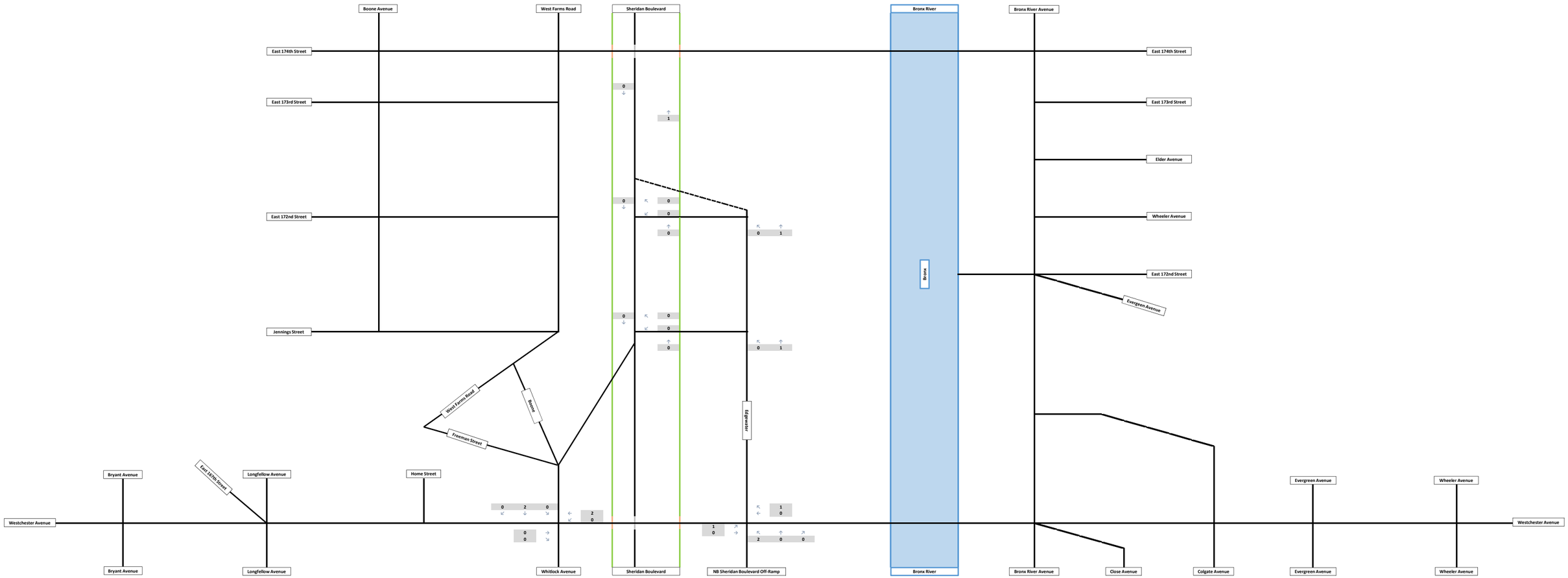
DRAFT

FIGURE H-19: NO-BUILD DEVELOPMENT PROJECTS VEHICLE TRIP ASSIGNMENTS
WEEKDAY PM PEAK HOUR



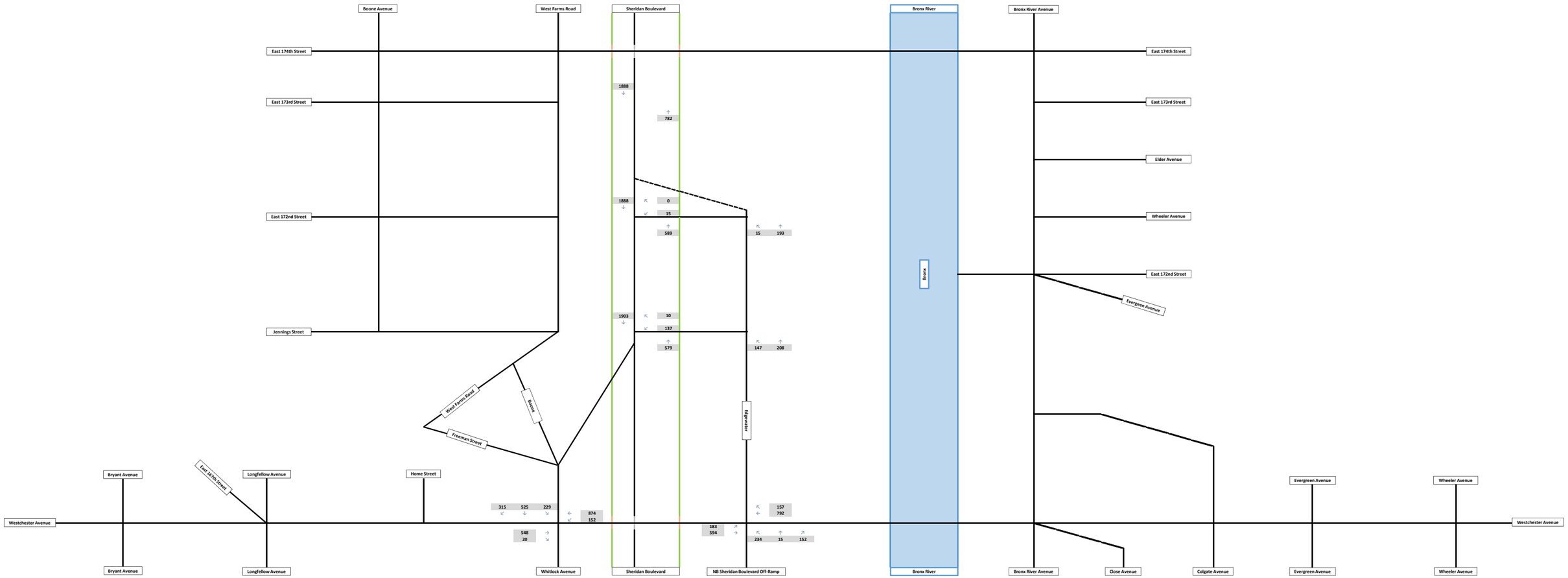
DRAFT

FIGURE H-20: NO-BUILD DEVELOPMENT PROJECTS VEHICLE TRIP ASSIGNMENTS
SATURDAY MIDDAY PEAK HOUR



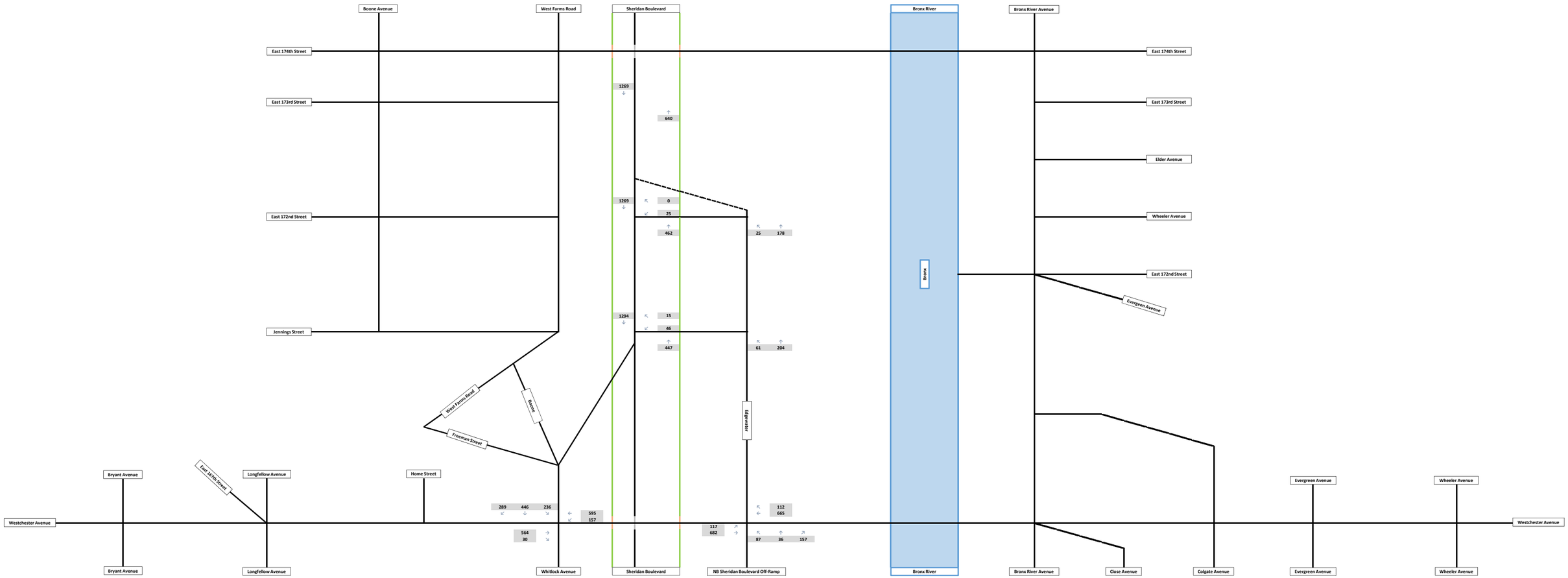
DRAFT

FIGURE H-21: 2028 NO-ACTION CONDITION TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR



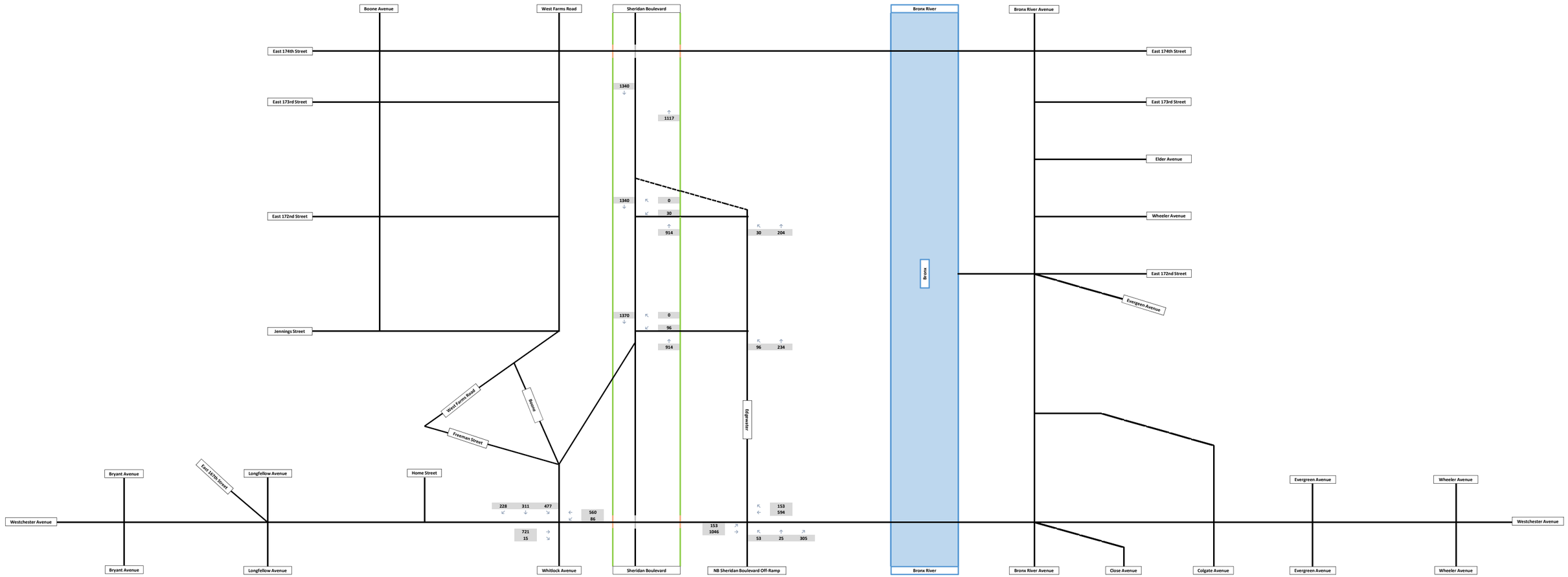
DRAFT

FIGURE H-22: 2028 NO-ACTION CONDITION TRAFFIC VOLUMES
WEEKDAY MIDDAY PEAK HOUR



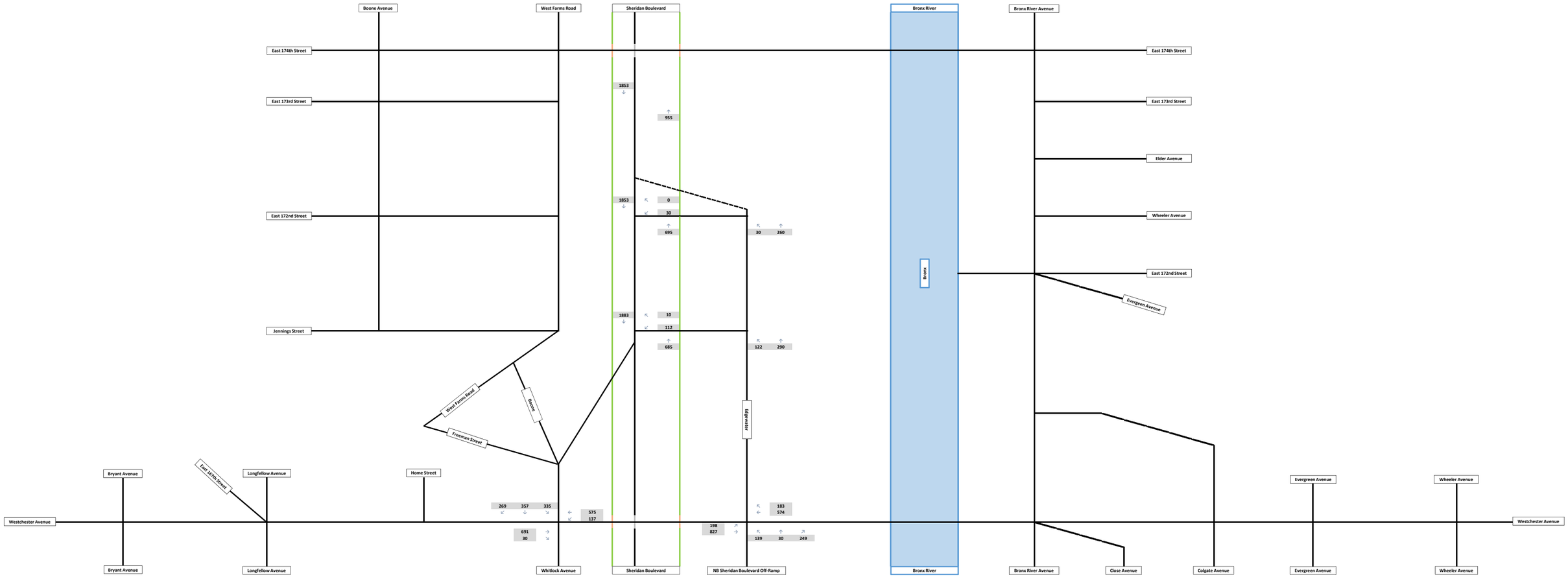
DRAFT

FIGURE H-23: 2028 NO-ACTION CONDITION TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR



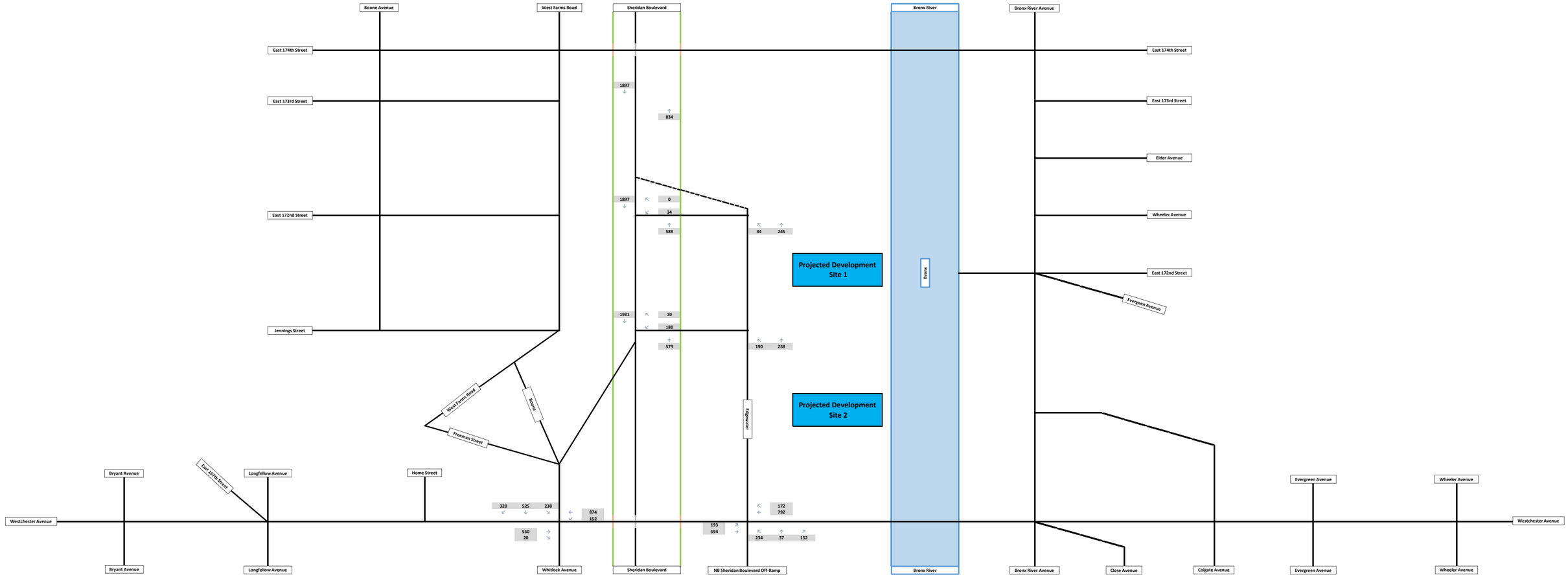
DRAFT

FIGURE H-24: 2028 NO-ACTION CONDITION TRAFFIC VOLUMES
SATURDAY MIDDAY PEAK HOUR



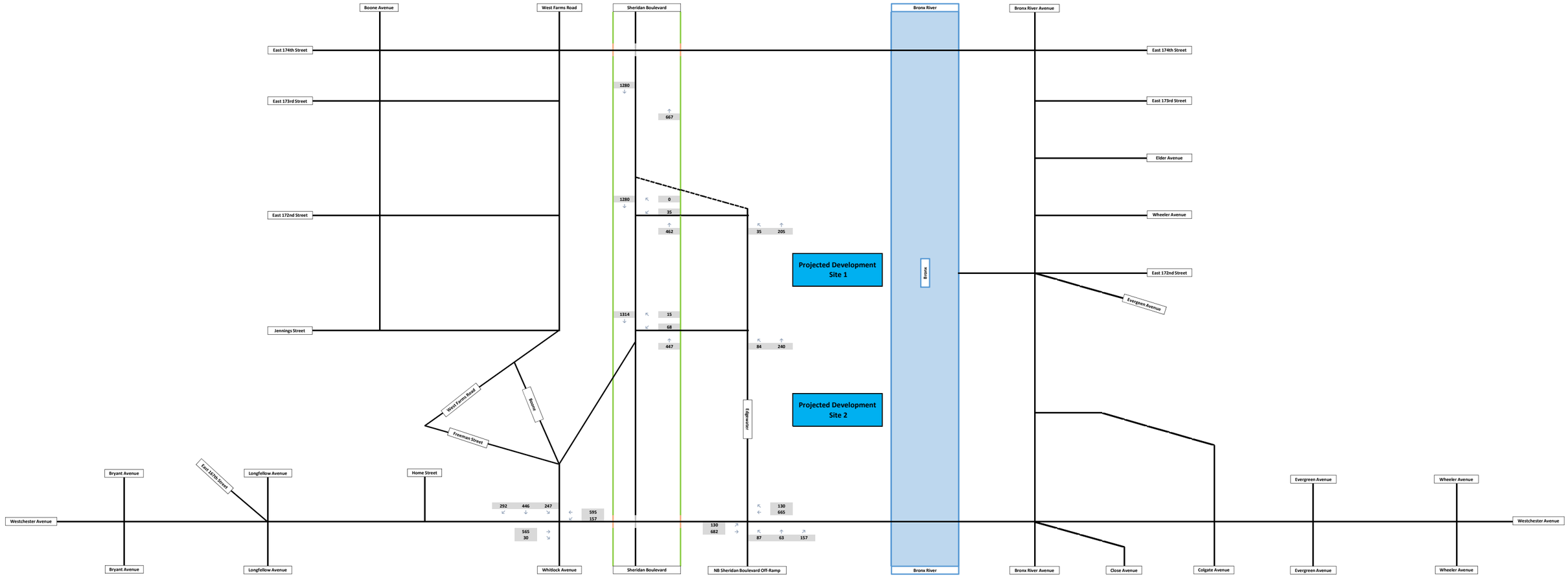
DRAFT

FIGURE H-25: 2028 WITH-ACTION CONDITION TRAFFIC VOLUMES
WEEKDAY AM PEAK HOUR



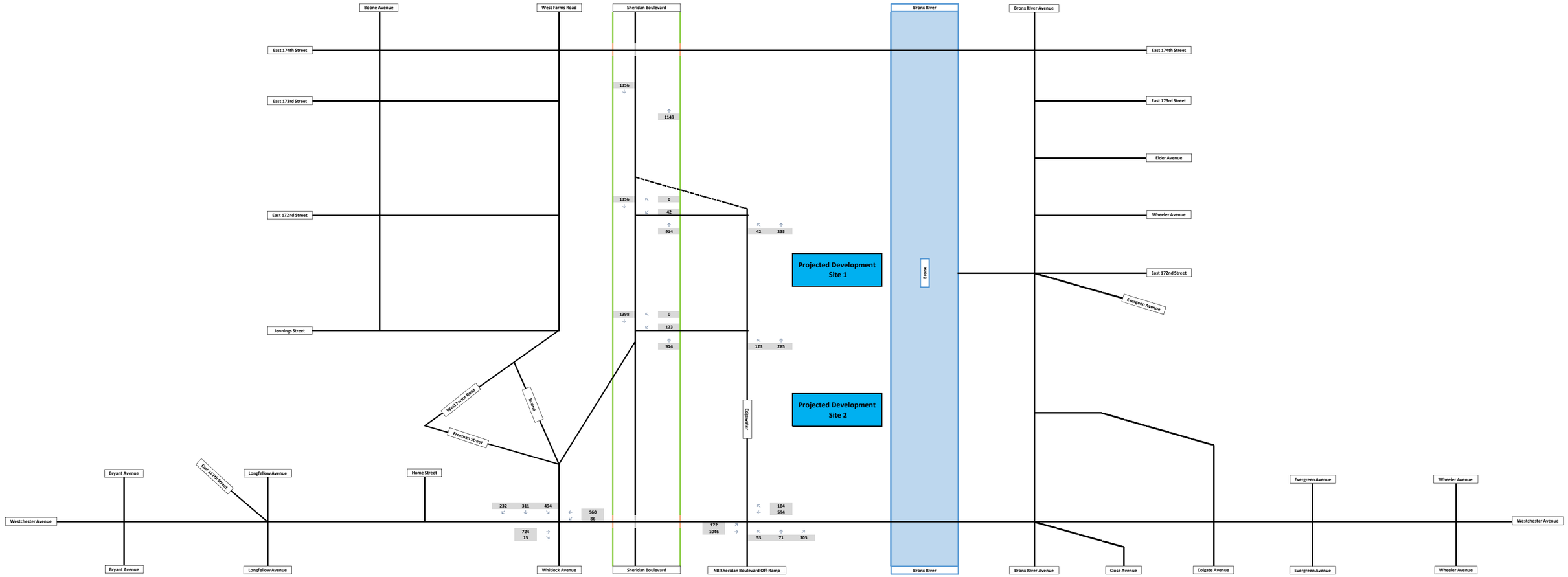
DRAFT

FIGURE H-26: 2028 WITH-ACTION CONDITION TRAFFIC VOLUMES
WEEKDAY MIDDAY PEAK HOUR



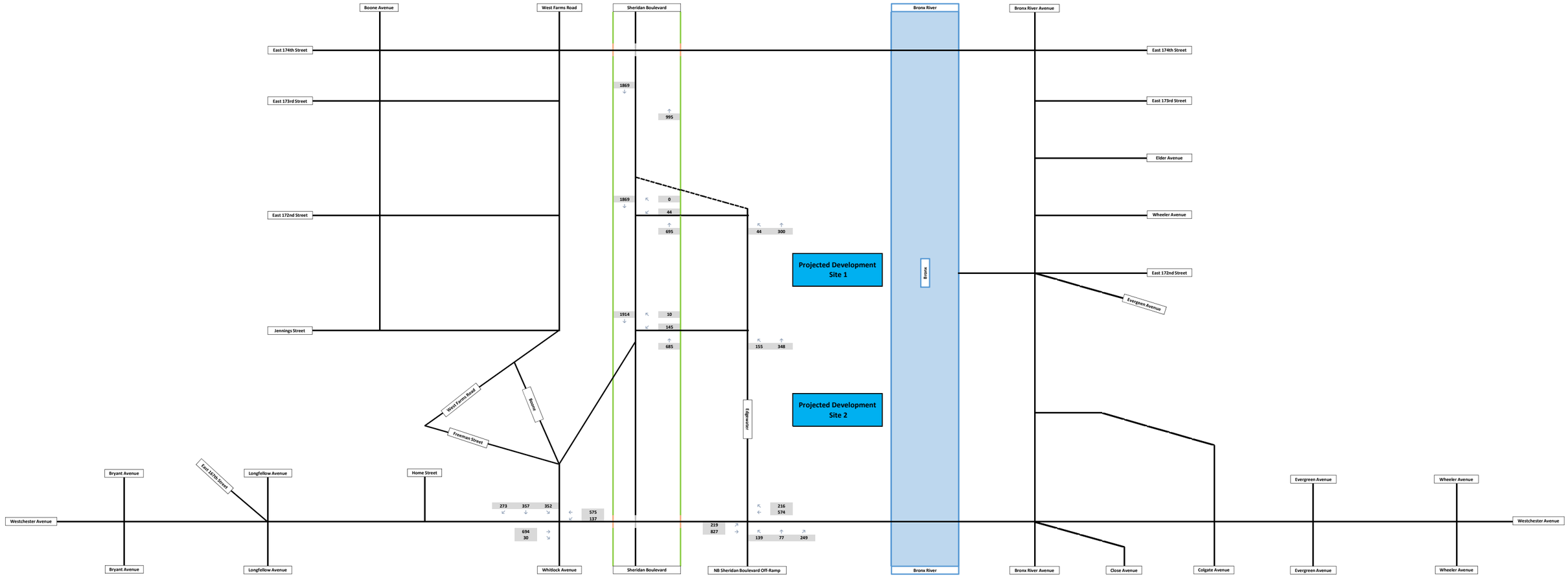
DRAFT

FIGURE H-27: 2028 WITH-ACTION CONDITION TRAFFIC VOLUMES
WEEKDAY PM PEAK HOUR



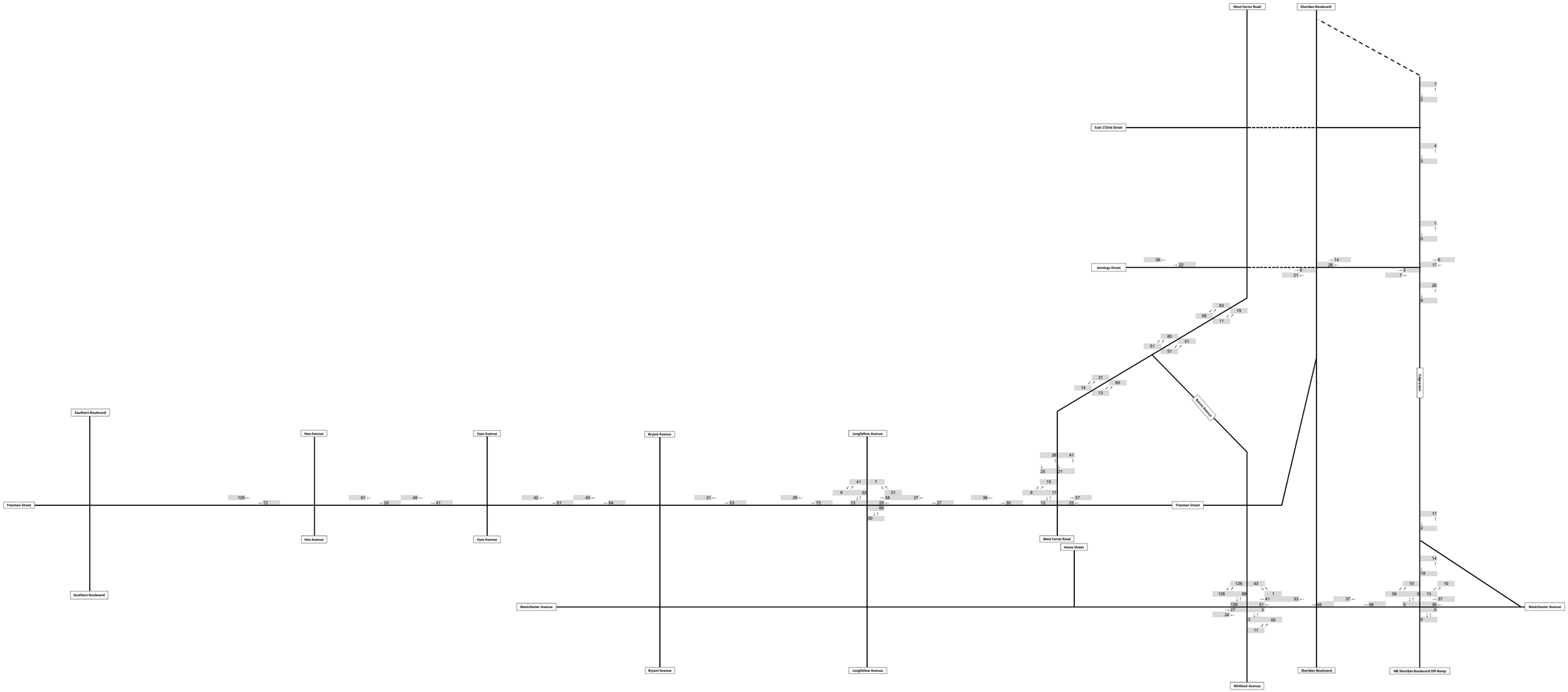
DRAFT

FIGURE H-28: 2028 WITH-ACTION CONDITION TRAFFIC VOLUMES
SATURDAY MIDDAY PEAK HOUR



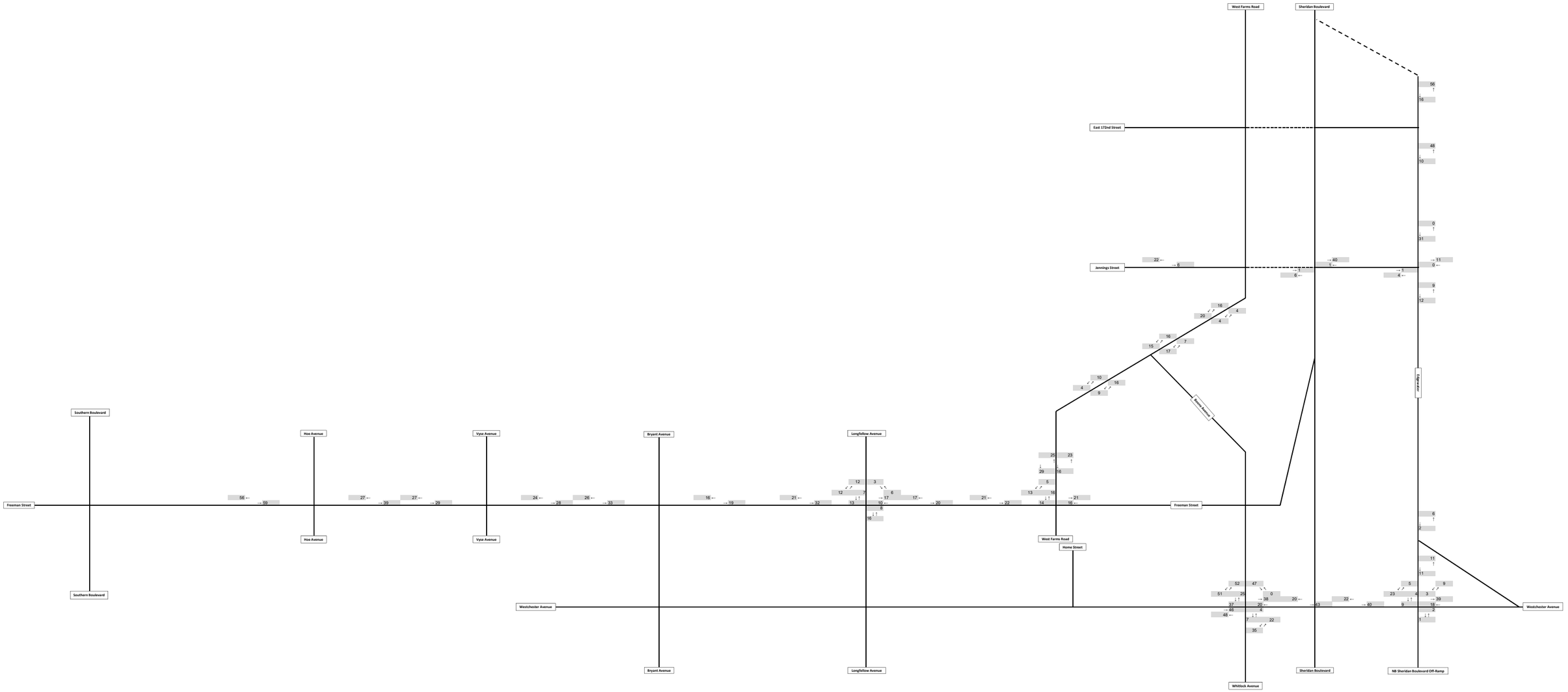
DRAFT

FIGURE H-29: BASELINE CONDITIONS PEDESTRIAN VOLUMES
WEEKDAY AM PEAK HOUR



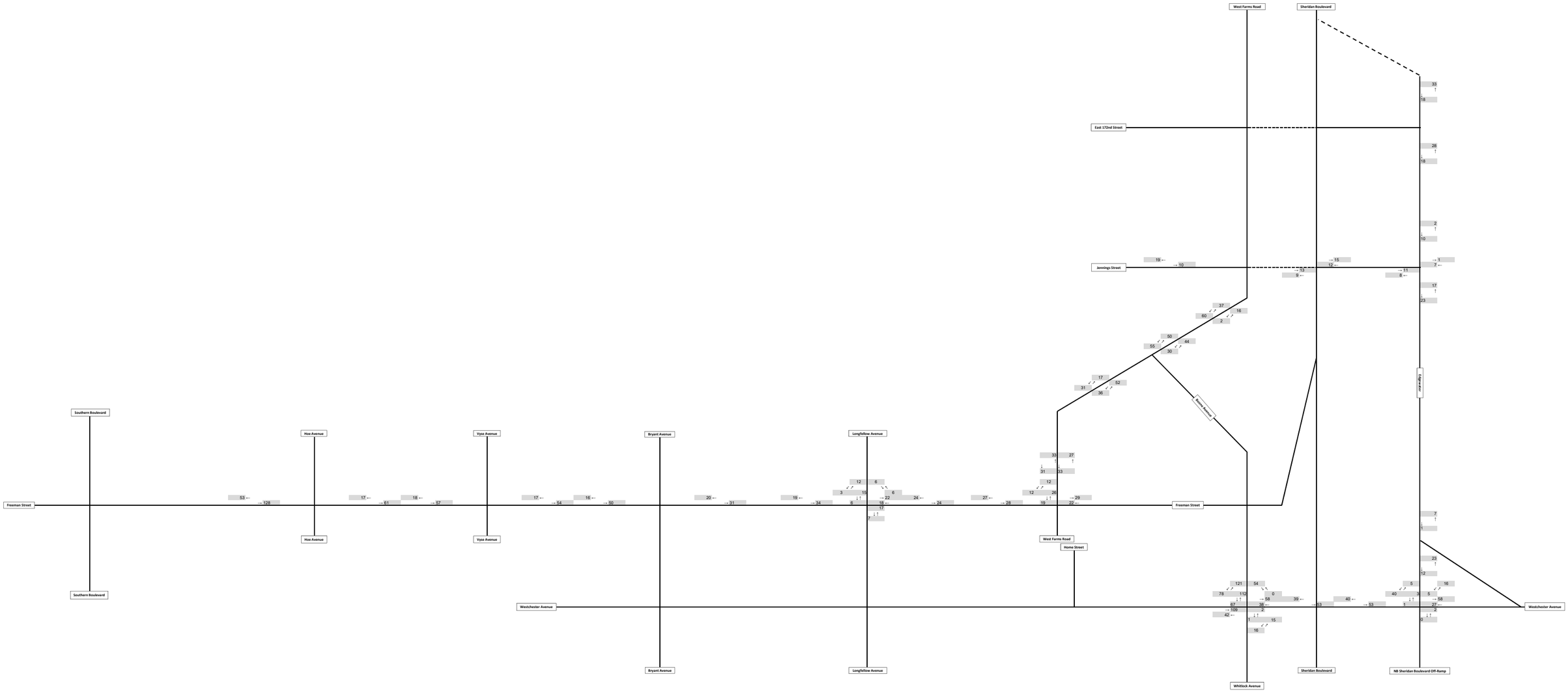
DRAFT

FIGURE H-30: BASELINE CONDITIONS PEDESTRIAN VOLUMES
WEEKDAY MIDDAY PEAK HOUR



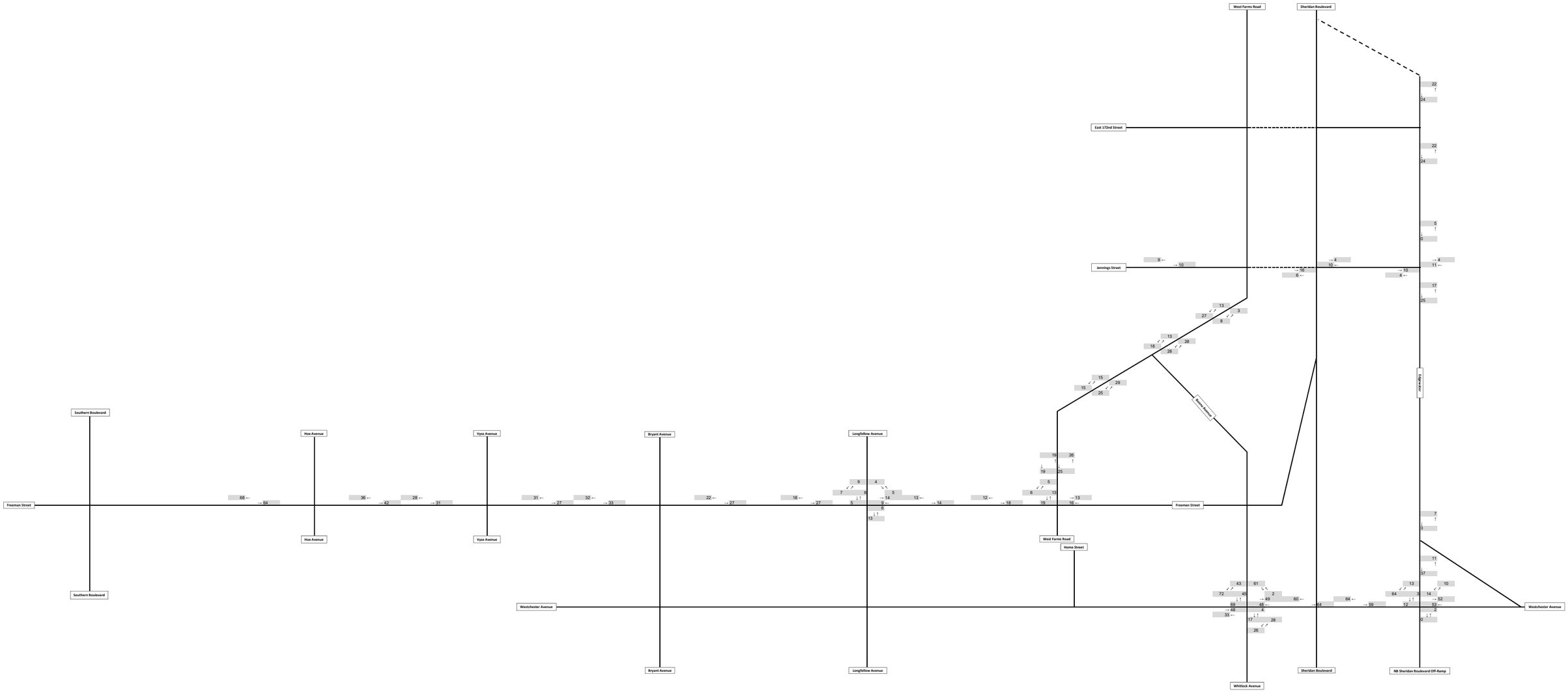
DRAFT

FIGURE H-31: BASELINE CONDITIONS PEDESTRIAN VOLUMES
WEEKDAY PM PEAK HOUR



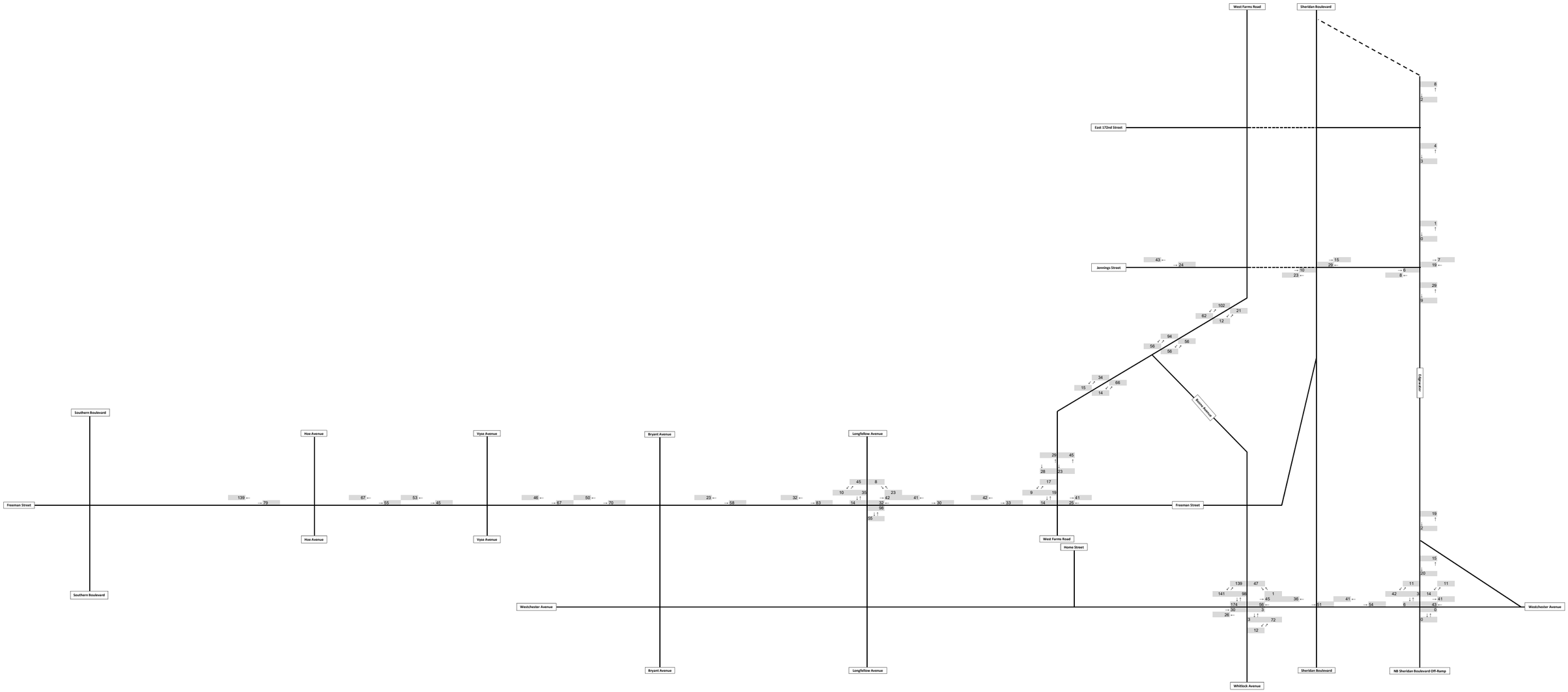
DRAFT

FIGURE H-32: BASELINE CONDITIONS PEDESTRIAN VOLUMES
SATURDAY MIDDAY PEAK HOUR



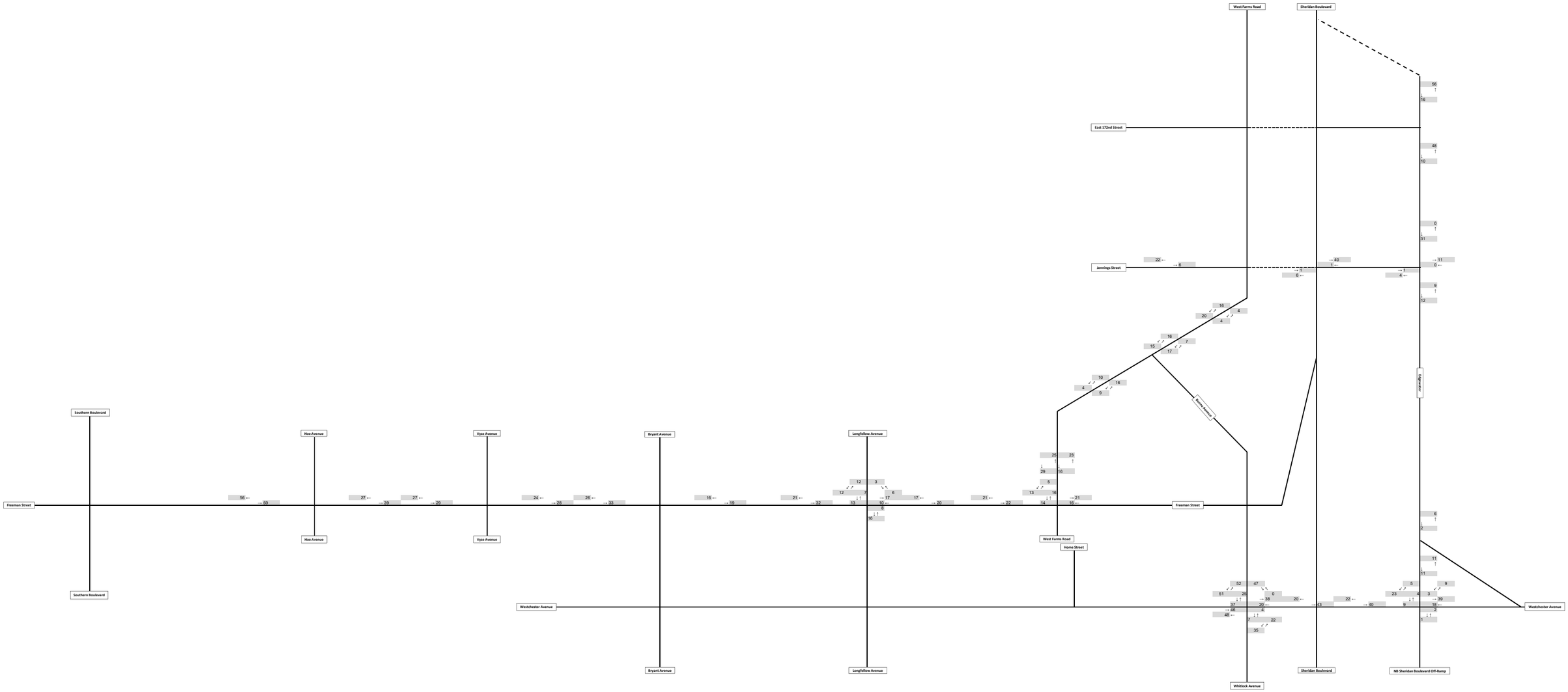
DRAFT

FIGURE H-33: 2022 EXISTING CONDITIONS PEDESTRIAN VOLUMES
WEEKDAY AM PEAK HOUR



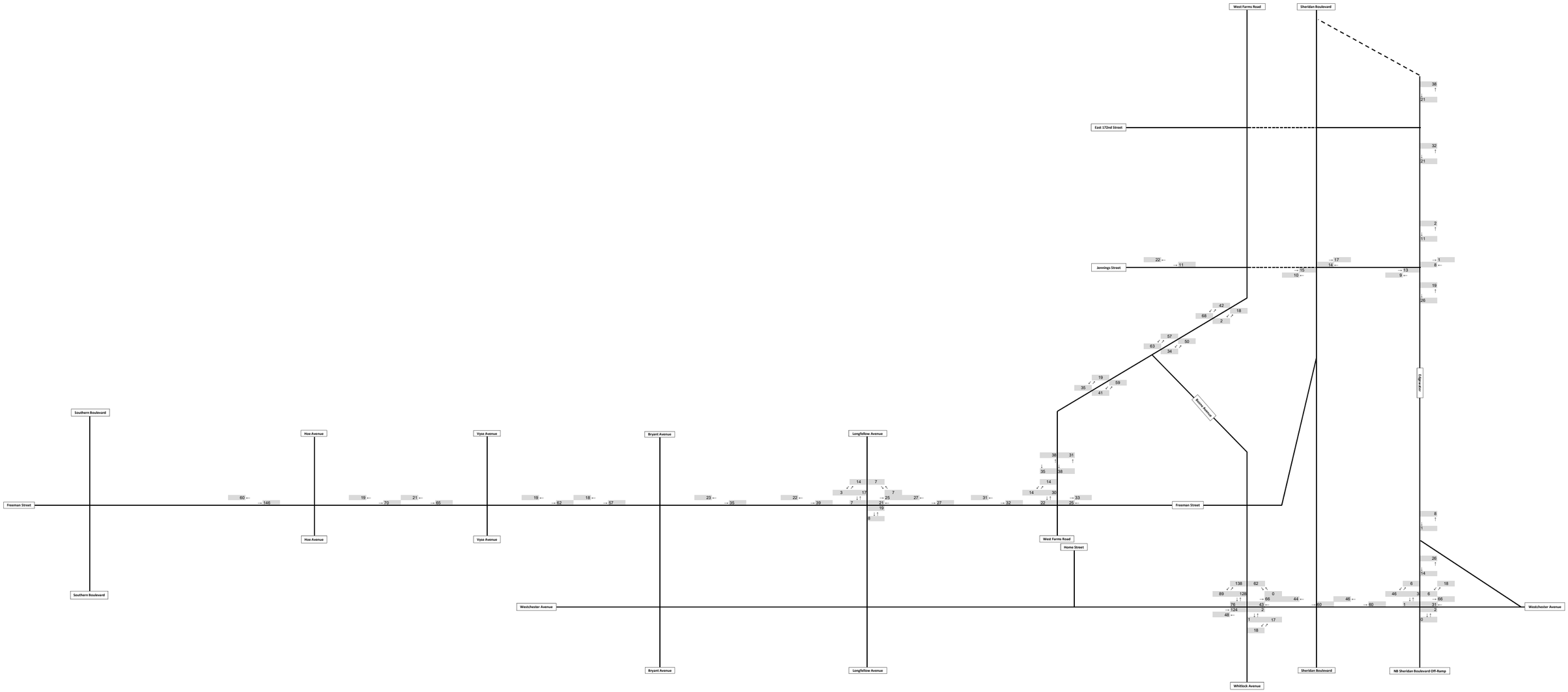
DRAFT

FIGURE H-34: 2022 EXISTING CONDITIONS PEDESTRIAN VOLUMES
WEEKDAY MIDDAY PEAK HOUR



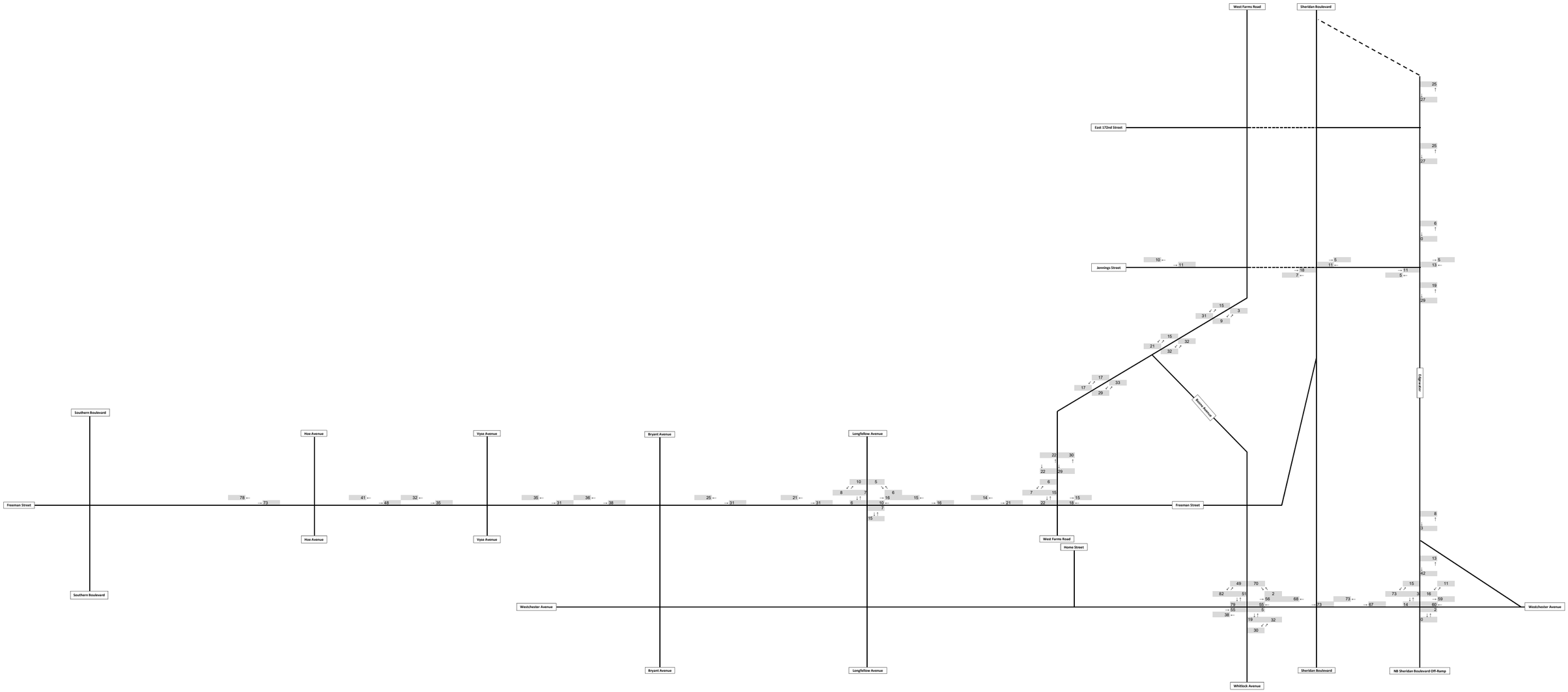
DRAFT

FIGURE H-35: 2022 EXISTING CONDITIONS PEDESTRIAN VOLUMES
WEEKDAY PM PEAK HOUR



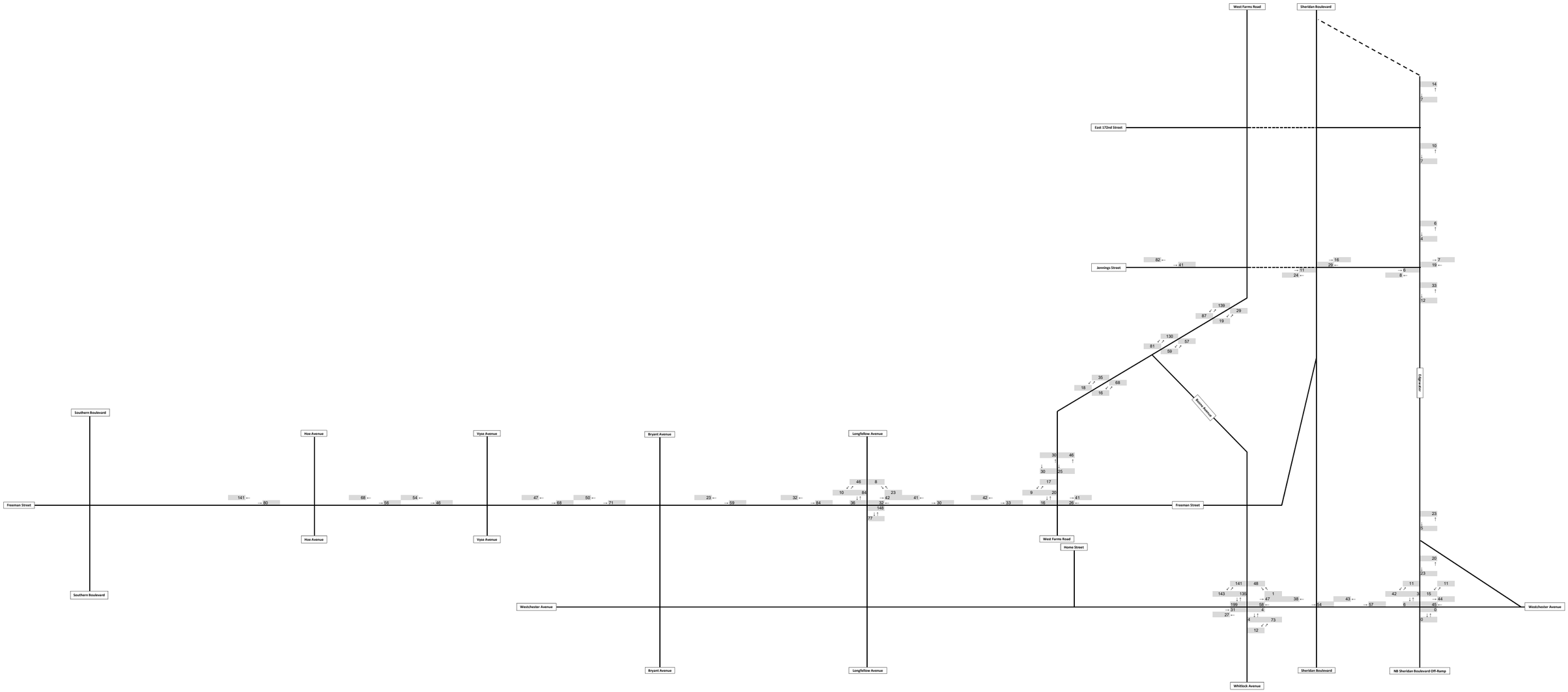
DRAFT

FIGURE H-36: 2022 EXISTING CONDITIONS PEDESTRIAN VOLUMES
SATURDAY MIDDAY PEAK HOUR



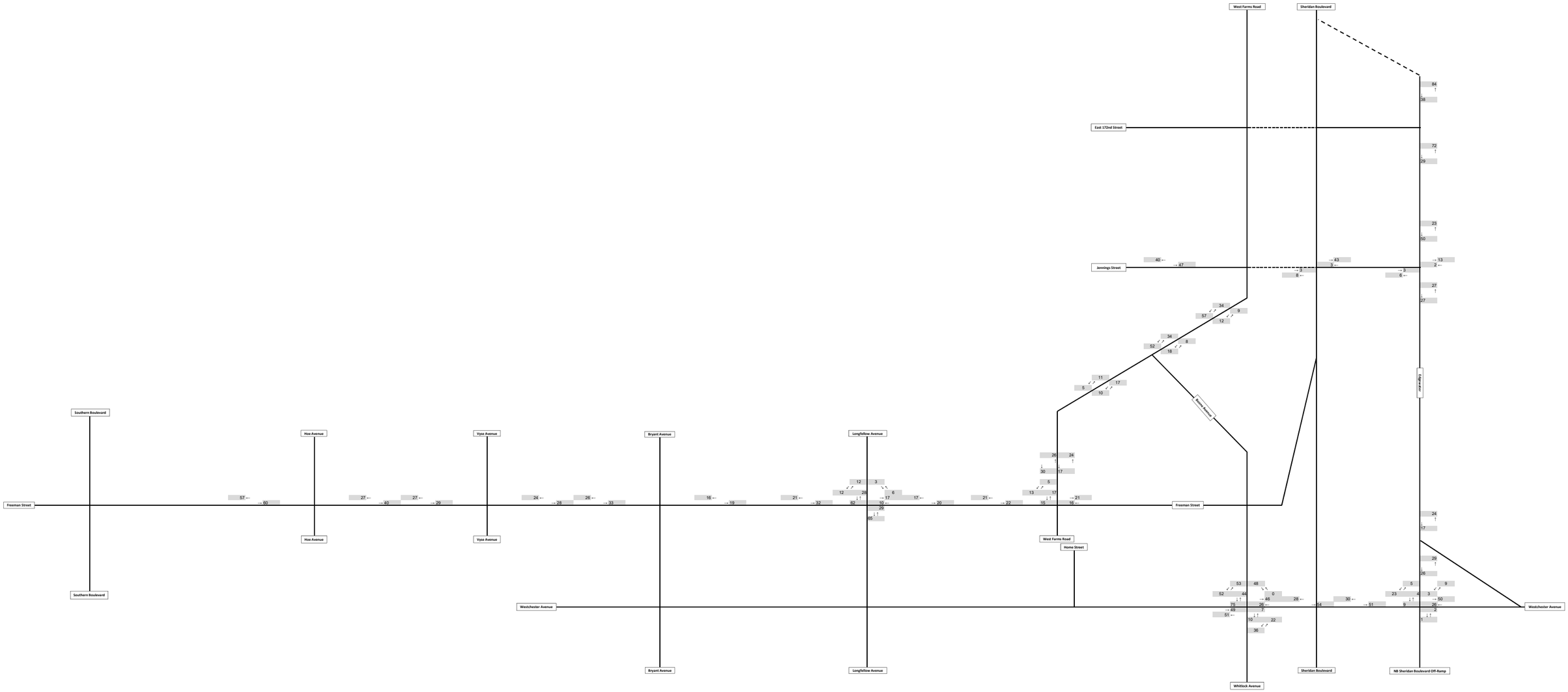
DRAFT

FIGURE H-37: 2028 NO-ACTION CONDITION PEDESTRIAN VOLUMES
WEEKDAY AM PEAK HOUR



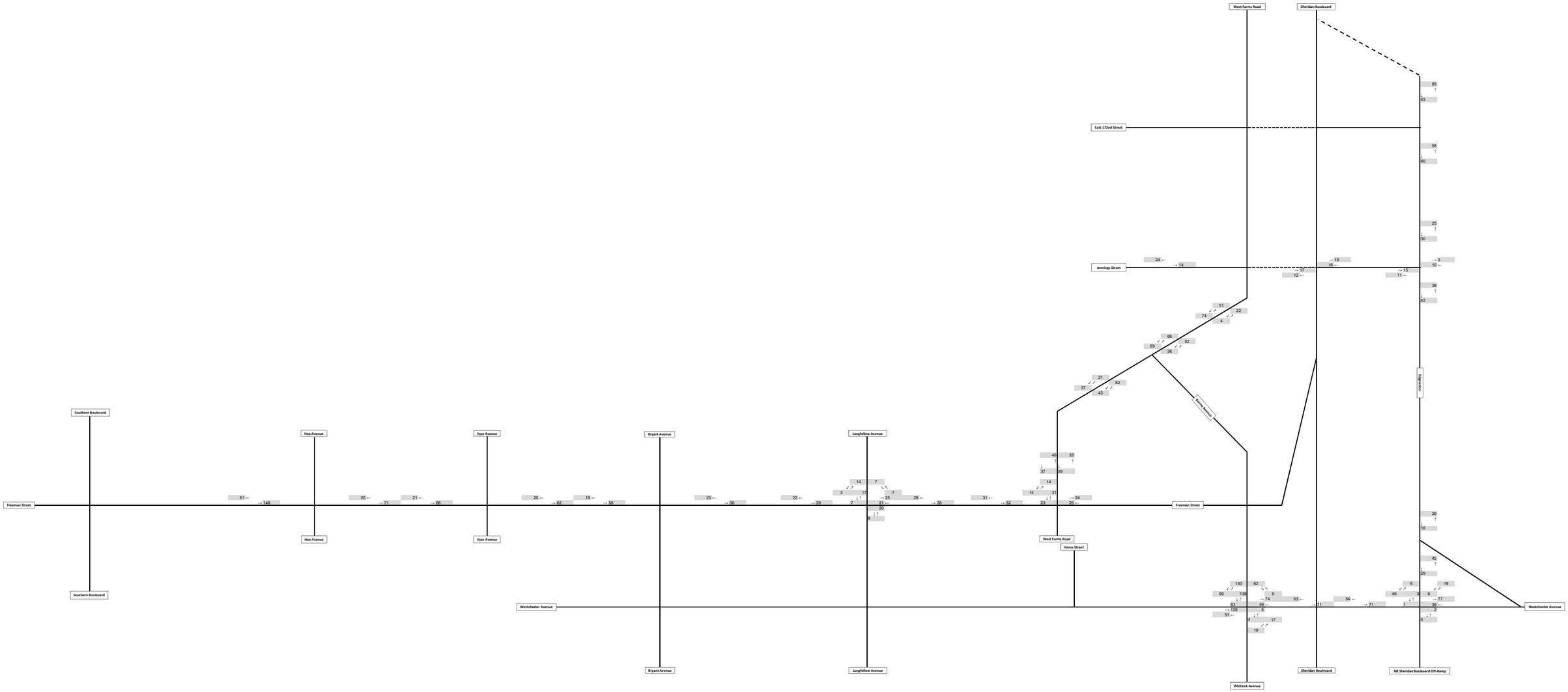
DRAFT

FIGURE H-38: 2028 NO-ACTION CONDITION PEDESTRIAN VOLUMES
WEEKDAY MIDDAY PEAK HOUR



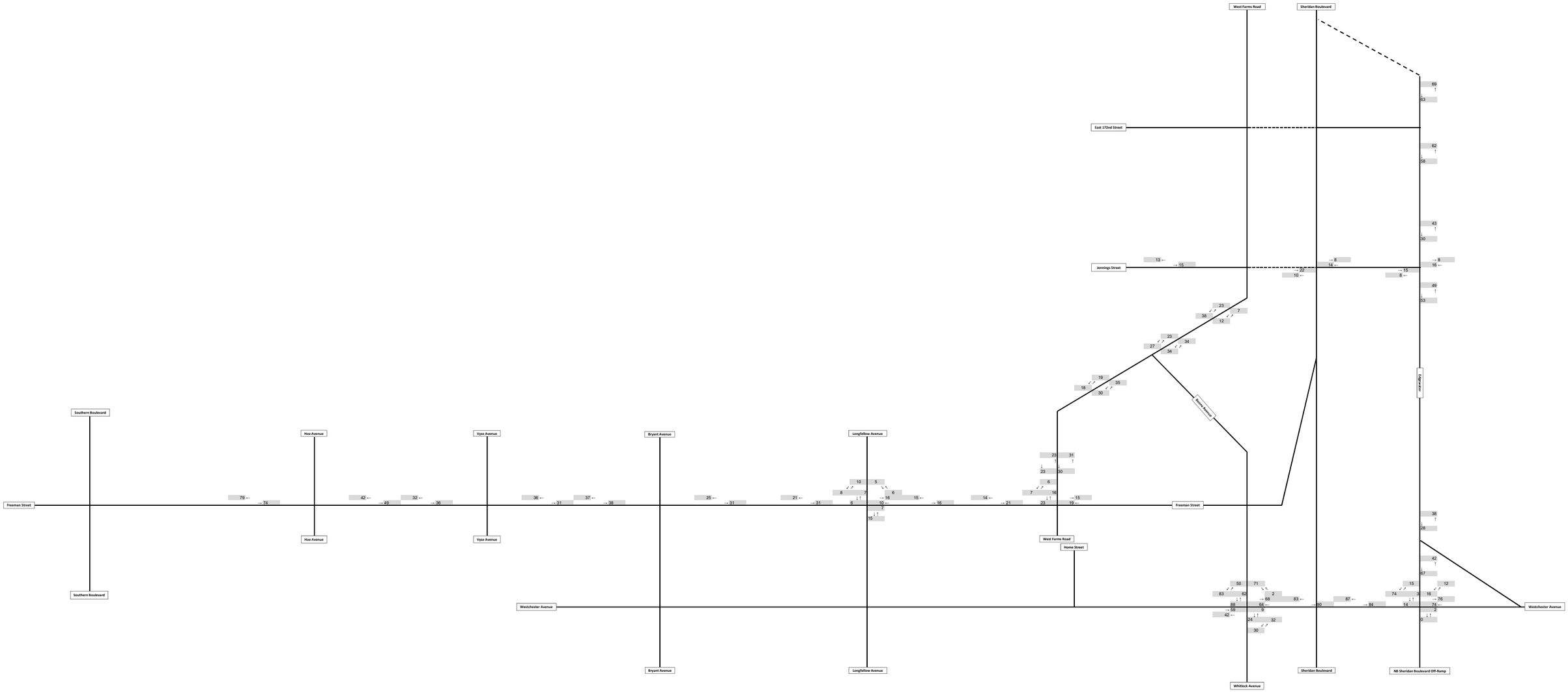
DRAFT

FIGURE H-39: 2028 NO-ACTION CONDITION PEDESTRIAN VOLUMES
WEEKDAY PM PEAK HOUR



DRAFT

FIGURE H-40: 2028 NO-ACTION CONDITION PEDESTRIAN VOLUMES
SATURDAY MIDDAY PEAK HOUR

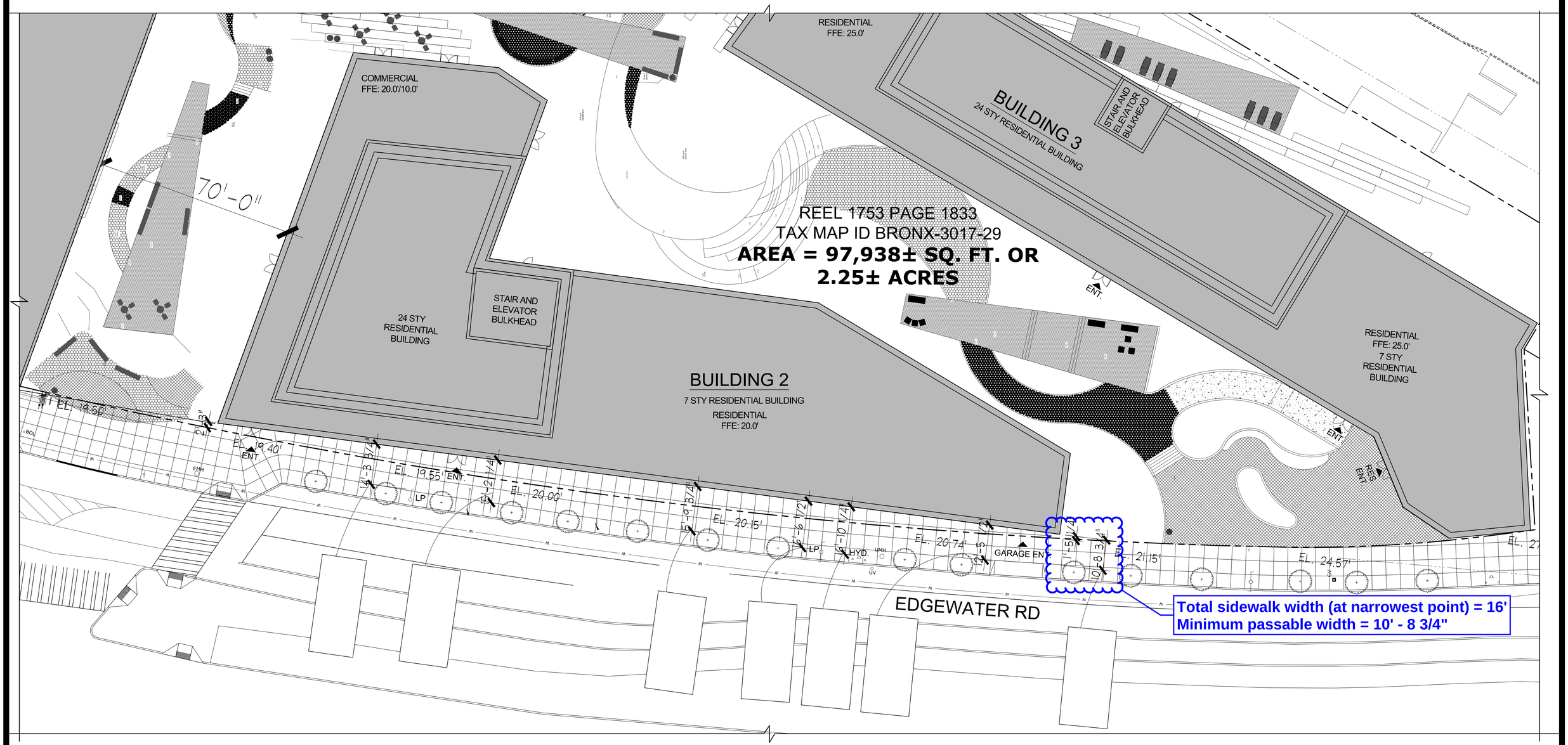


1480 SHERIDAN EXPWY

BRONX, NY

DRAFT

Images are for graphical purposes, and dimensions are subject to normal construction deviation, not to scale.



0 8' 16' 32'

SCALE: 1/16" = 1'-0"

SITE 2

SHY DISTANCES SITE PLAN

NEWMAN DESIGN

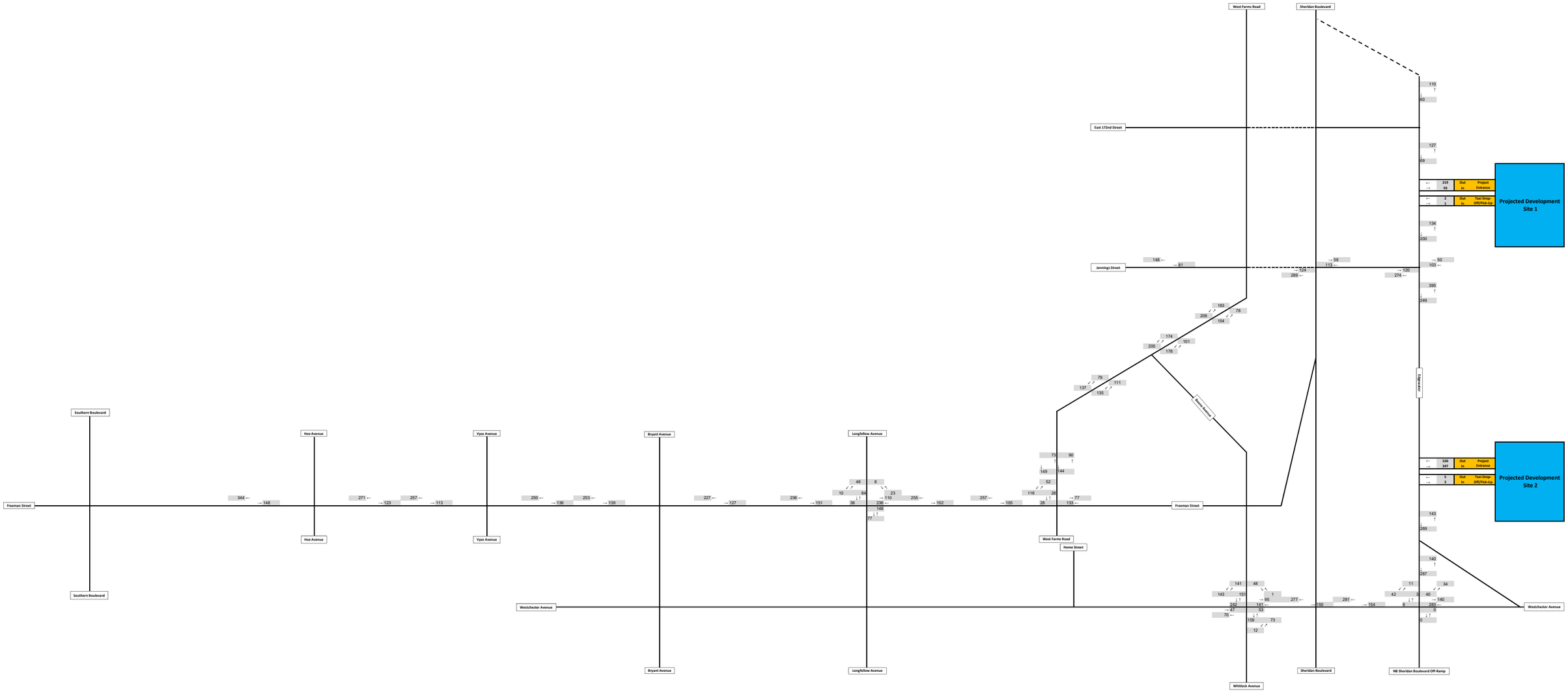
ARCHITECTURE • URBAN PLANNING

210 West Rogues Path • Cold Spring Hills, NY 11743

Figure H-41. Edgewater Road and Jennings Street - Proposed Building 2 Development Plan - With-Action Condition

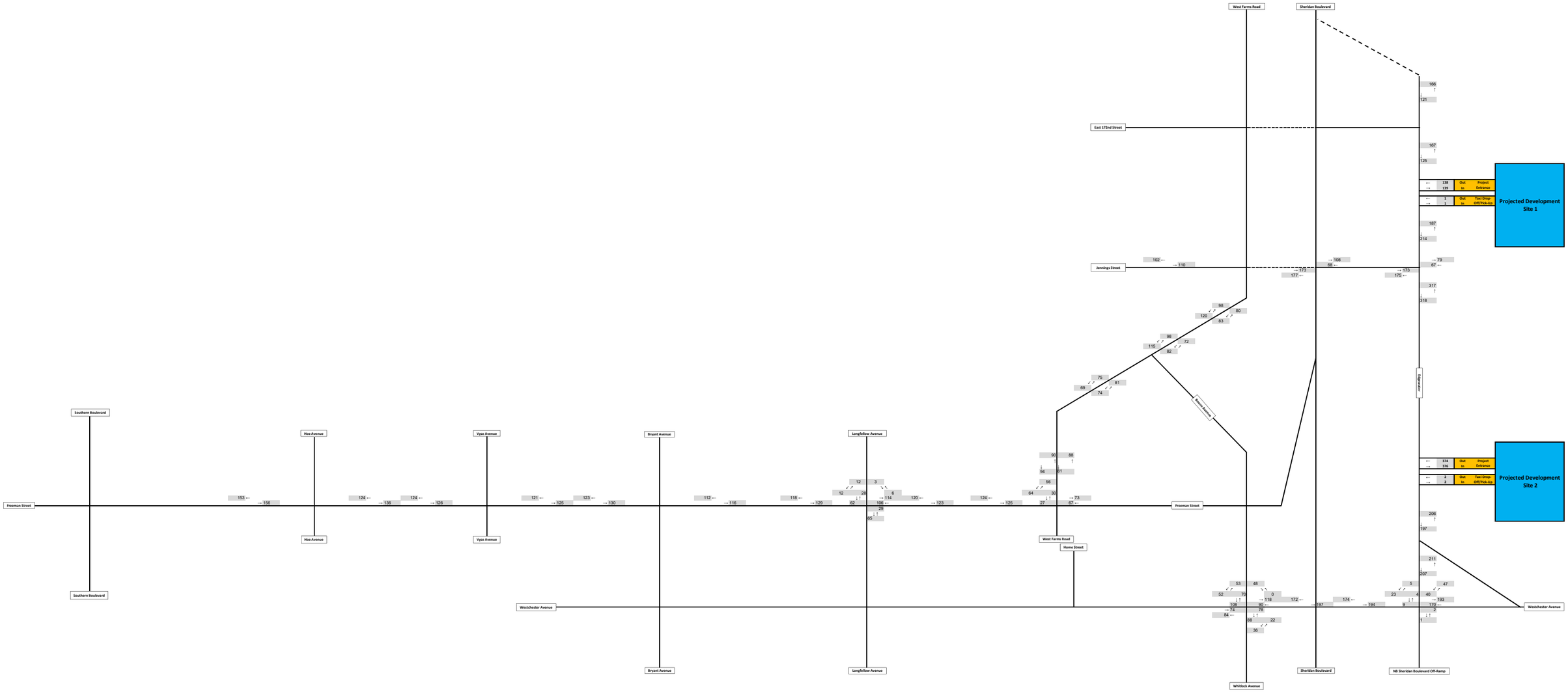
DRAFT

FIGURE H-42: 2028 WITH-ACTION CONDITION PEDESTRIAN VOLUMES
WEEKDAY AM PEAK HOUR



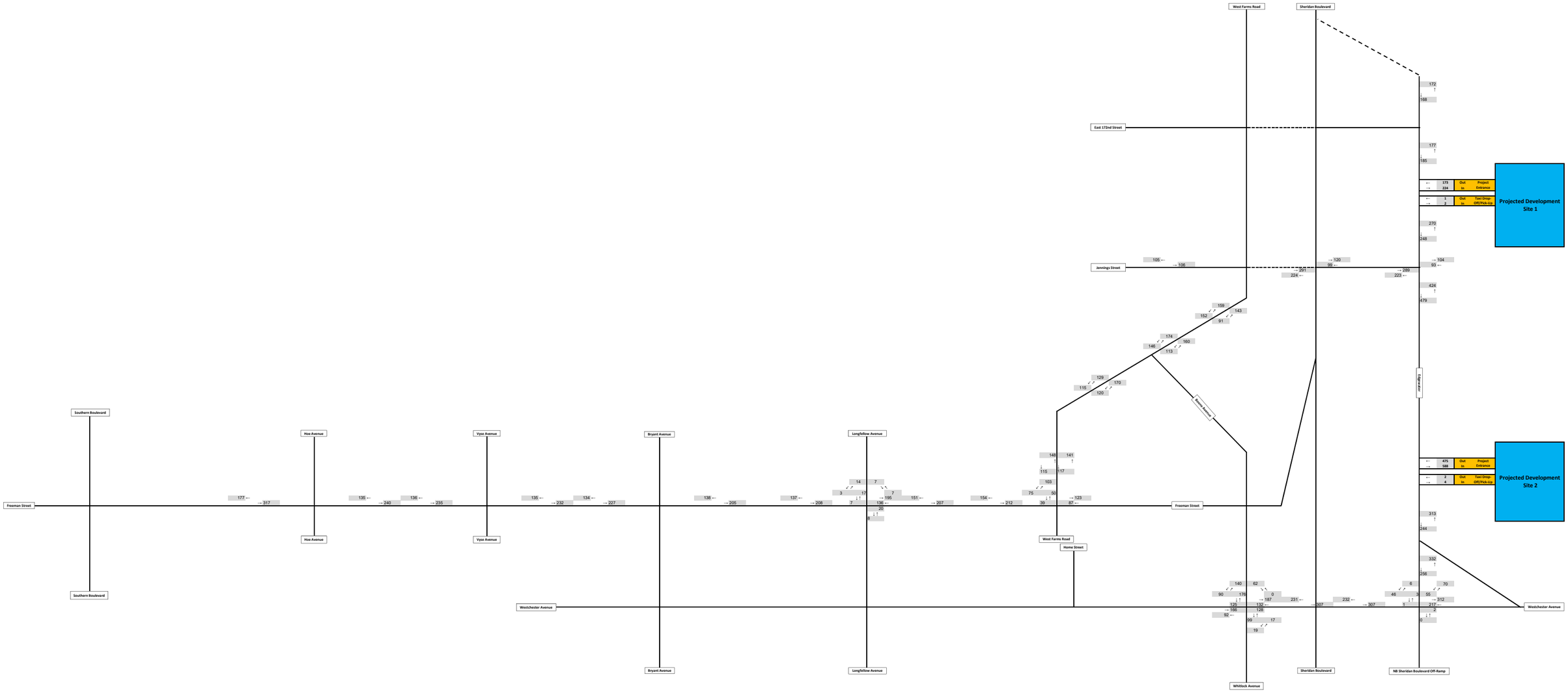
DRAFT

FIGURE H-43: 2028 WITH-ACTION CONDITION PEDESTRIAN VOLUMES
WEEKDAY MIDDAY PEAK HOUR



DRAFT

FIGURE H-44: 2028 WITH-ACTION CONDITION PEDESTRIAN VOLUMES
WEEKDAY PM PEAK HOUR



DRAFT

FIGURE H-45: 2028 WITH-ACTION CONDITION PEDESTRIAN VOLUMES
SATURDAY MIDDAY PEAK HOUR

