

**Elgin O'Hare - West Bypass
Build Alternatives
Preliminary Structures Inventory**

Bridge #	Corridor	Location of Structure	Type of Construction ^a	Type of Structure	Level of Bridge
ALTERNATIVE 203					
1	Elgin O'Hare	Gary Ave over Metra	Reconstruction	Roadway Bridge	2
2	Elgin O'Hare	NB Gary Ave ramp over EB exit ramp	Reconstruction	Roadway Bridge	2
3	Elgin O'Hare	SB Gary Ave ramp over Mainline	Reconstruction	Roadway Bridge	2
4	Elgin O'Hare	SB Gary Ave ramp over Springinsguth Rd	Reconstruction	Roadway Bridge	2
5	Elgin O'Hare	WB - Mainline over Springinsguth Rd	Reconstruction	Roadway Bridge	2
6	Elgin O'Hare	EB - Mainline over Springinsguth Rd	Reconstruction	Roadway Bridge	2
7	Elgin O'Hare	EB and WB - Mainline over IL 19 (W Irving Park Rd)	Reconstruction	BRT and Roadway Bridge	2
8	Elgin O'Hare	EB and WB - Mainline over Rodenburg Rd	Reconstruction	BRT and Roadway Bridge	2
9	Elgin O'Hare	EB and WB - Mainline over Wright Blvd	Reconstruction	BRT and Roadway Bridge	2
10	Elgin O'Hare	EB and WB - Mainline over Mitchell Blvd	Reconstruction	BRT and Roadway Bridge	2
11	Elgin O'Hare	EB and WB - Mainline over CPRR freight spur	Reconstruction	BRT and Roadway Bridge	2
12	Elgin O'Hare	Roselle Rd over Mainline	Reconstruction	Roadway Bridge	2
13	Elgin O'Hare	EB and WB Plum Grove Rd over Mainline	Reconstruction	BRT and Roadway Bridge	2
14	Elgin O'Hare	EB and WB - Mainline over Meacham Blvd	Reconstruction	BRT and Roadway Bridge	2
15	Elgin O'Hare	WB C-D road over Rohlwing Rd	New	Roadway Bridge	2
16	Elgin O'Hare	EB and WB - Mainline over Rohlwing Rd	New	Roadway Bridge	2
17	Elgin O'Hare	EB C-D road over Rohlwing Rd	New	Roadway Bridge	2
18	Elgin O'Hare	EB to NB flyover on I-290 and EB to SB ramp	New	Roadway Bridge	2,3,4
19	Elgin O'Hare	SB to WB exit ramp over WB to SB loop ramp	New	Roadway Bridge	2
20	Elgin O'Hare	SB to WB exit ramp over Rohlwing Rd exit ramp and WB to SB loop	New	Roadway Bridge	2
21	Elgin O'Hare	SB to EB exit ramp over WB to SB loop ramp	New	Roadway Bridge	2
22	Elgin O'Hare	SB to EB flyover on I-290	New	Roadway Bridge	3
23	Elgin O'Hare	NB to WB flyover on I-290	New	Roadway Bridge	3
24	Elgin O'Hare	WB to SB loop ramp over I-290	New	Roadway Bridge	2
25	Elgin O'Hare	EB and WB - Mainline over I-290	Reconstruction	BRT and Roadway Bridge	2
26	I-290	Devon Ave over I-290	Reconstruction	Roadway Bridge	2
27	Elgin O'Hare	EB ramps over Park Blvd exit ramps	New	Roadway Bridge	2
28	Elgin O'Hare	EB and WB - Mainline over Park Blvd	New	BRT and Roadway Bridge	2
29	Elgin O'Hare	EB and WB - Mainline over frontage connector	New	BRT and Roadway Bridge	2
30	Elgin O'Hare	EB and WB - Mainline over Arlington Heights Rd	New	BRT and Roadway Bridge	2
31	Elgin O'Hare	EB and WB - Mainline over Prospect Ave	New	BRT and Roadway Bridge	2
32	Elgin O'Hare	EB and WB - Mainline over Salt Creek	New	BRT and Roadway Bridge	2
33	Elgin O'Hare	EB frontage road over Salt Creek	New	Roadway Bridge	2
34	Elgin O'Hare	WB frontage road over Salt Creek	Reconstruction	Roadway Bridge	2
35	Elgin O'Hare	EB and WB - Mainline over Mittel Blvd	New	BRT and Roadway Bridge	2
36	Elgin O'Hare	EB and WB - Mainline over Wood Dale Rd	New	BRT and Roadway Bridge	2
37	Elgin O'Hare	EB and WB - Mainline over Lively Blvd	New	BRT and Roadway Bridge	2
38	Elgin O'Hare	EB and WB - Mainline over IL 83	New	BRT and Roadway Bridge	2
39	Elgin O'Hare	EB and WB - Mainline over freight spur	New	BRT and Roadway Bridge	2
40	Elgin O'Hare	WB Bypass entrance ramp over exit ramp to frontage road	New	Roadway Bridge	2
41	Elgin O'Hare	WB exit from terminal over York Rd, CPRR, UPRR and Bypass	New	Roadway Bridge	2,3
42	Elgin O'Hare	WB frontage road exit under York Rd, CPRR and UPRR	New	Tunnel (multiple sections)	-----
43	Elgin O'Hare	SB to WB exit ramp under York Rd, CPRR and UPRR	New	Tunnel (multiple sections)	-----
44	Elgin O'Hare	Transit tunnel to terminal (under Bypass)	New	Transit Tunnel (multiple sections)	-----
45	Elgin O'Hare	NB to WB flyover ramp over Bypass	New	Roadway Bridge	2,3
46	Elgin O'Hare	EB Bypass to SB/terminal and SB I-290 to terminal over York Rd and Bypass	New	Roadway Bridge	3
47	Elgin O'Hare	EB to NB flyover ramp over Bypass and terminal ramp	New	Roadway Bridge	3,4
48	West Bypass -North Connection	NB and SB - Mainline under UPRR and Devon Ave ramp	New	BRT and Roadway Tunnel	2
49	West Bypass -North Connection	UPRR spur line over Mainline	New	Roadway Bridge	2
50	West Bypass -North Connection	NB ramps from Bypass to I-90 (over detention pond and Touhy Ave)	New	Roadway Bridge	2,3
51	West Bypass -North Connection	IL 72 (Touhy Ave) over UPRR	New	Roadway Bridge	2
52	West Bypass -North Connection	Transit bridge over detention pond	New	Transit Bridge	2
53	West Bypass -North Connection	SB ramps from I-90 to Bypass (over detention pond and Touhy Ave)	New	Roadway Bridge	2,3,4
54	West Bypass	Mainline over IL 19 (Irving Park Rd)	New	Roadway Bridge	2
55	West Bypass	Relocated UPRR over Mainline	New	Railroad Bridge	2
56	West Bypass	CPRR and Metra over Mainline	New	Railroad Bridge (multiple sections)	2
57	I-90	WB to SB exit ramp over Mount Prospect Rd	New	Roadway Bridge	2
58	I-90	EB - Mainline over Mount Prospect Rd	Widen	Roadway Bridge	2
59	I-90	EB and WB Mainline over UPRR	Widen	Roadway Bridge	2
60	I-90	EB and WB - Mainline over freight spur (west of Wolf Rd)	Widen	Roadway Bridge	2
61	I-90	EB and WB - Mainline over Wolf Rd	Widen	Roadway Bridge	2
62	I-90	EB and WB - Mainline over IL 72 (Touhy Ave)	Widen	Roadway Bridge	2
63	I-90	EB - Mainline over Higgins Creek	Widen	Roadway Bridge	2
64	I-90	Elmhurst Rd exit ramps over Higgins Creek	New	Roadway Bridge	2
65	I-90	Elmhurst Rd over Mainline	Reconstruction	Roadway Bridge	2
66	I-90	EB to SB ramp over EB entrance ramp	New	Roadway Bridge	2
67	I-90	EB and WB - Mainline over Oakton St	Widen	Roadway Bridge	2
68	I-90	EB and WB - Mainline over Busse Rd	Widen	Roadway Bridge	2
South Connection Option D					
69	West Bypass - South Connection	SB - Mainline over UP railroad bridge and Franklin Ave	New	Roadway Bridge	3
70	West Bypass - South Connection	NB - Mainline over UP railroad bridge and Franklin Ave	New	Roadway Bridge	3
71	West Bypass - South Connection	Relocated UPRR over Franklin Ave	New	Railroad Bridge -BY OTHERS	2
72	West Bypass - South Connection	Taft Rd over Bensenville Railyard	New	Roadway Bridge	2
73	West Bypass - South Connection	Taft Rd over IL 19 (Irving Park Rd)	New	Roadway Bridge	2
74	West Bypass - South Connection	NB - Mainline flyover from NB I-294 to Bypass	New	Roadway Bridge	3,4
75	West Bypass - South Connection	SB - Mainline flyover from Bypass to I-294 NB	New	Roadway Bridge	3
76	West Bypass - South Connection	SB - Mainline ramp to SB I-294 over UPRR	New	Roadway Bridge	2
77	I-294	Wolf Rd over I-294	Reconstruction	Roadway Bridge	2
78	I-294	NB and SB - Mainline over Grand Ave	Widen	Roadway Bridge	2
79	I-294	NB and SB - Mainline over County Line Rd (at North Ave Interchange)	New	Roadway Bridge	2

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Build Alternatives
Preliminary Structures Inventory**

Bridge #	Corridor	Location of Structure	Type of Construction ^a	Type of Structure	Level of Bridge
ALTERNATIVE 203					
<i>South Connection Option A</i>					
80	West Bypass - South Connection	Mainline over Green St / Franklin Ave	New	Roadway Bridge	2,3
81	West Bypass - South Connection	Relocated UPRR over Franklin Ave	New	Railroad Bridge -BY OTHERS	2
82	West Bypass - South Connection	Taft Rd over Bensenville Railyard	New	Roadway Bridge	2
83	West Bypass - South Connection	Taft Rd over IL 19 (Irving Park Rd)	New	Roadway Bridge	2
84	West Bypass - South Connection	Mainline over George St	New	Roadway Bridge	2
85	West Bypass - South Connection	NB - ramp from NB I-294 over UPRR, frontage road and I-294	New	Roadway Bridge	2,3
86	West Bypass - South Connection	SB - Mainline flyover to NB I-294	New	Roadway Bridge	2,3,4
87	West Bypass - South Connection	SB - 294 flyover to NB Bypass	New	Roadway Bridge	3
88	West Bypass - South Connection	SB entrance ramps over Belmont Ave	New	Roadway Bridge	2,3
89	West Bypass - South Connection	SB entrance ramps over Grand Ave	New	Roadway Bridge	2
90	I-294	Wolf Rd over I-294	Reconstruction	Roadway Bridge	2
91	I-294	County Line Rd over I-294 (at North Ave interchange)	New	Roadway Bridge	2
ALTERNATIVE 402					
1	Elgin O'Hare	Gary Ave over Metra	Reconstruction	Roadway Bridge	2
2	Elgin O'Hare	NB Gary Ave ramp over EB exit ramp	Reconstruction	Roadway Bridge	2
3	Elgin O'Hare	SB Gary Ave ramp over Mainline	Reconstruction	Roadway Bridge	2
4	Elgin O'Hare	SB Gary Ave ramp over Springinsguth Rd	Reconstruction	Roadway Bridge	2
5	Elgin O'Hare	WB - Mainline over Springinsguth Rd	Reconstruction	Roadway Bridge	2
6	Elgin O'Hare	EB - Mainline over Springinsguth Rd	Reconstruction	Roadway Bridge	2
7	Elgin O'Hare	EB and WB - Mainline over IL 19 (W Irving Park Rd)	Reconstruction	BRT and Roadway Bridge	2
8	Elgin O'Hare	EB and WB - Mainline over Rodenburg Rd	Reconstruction	BRT and Roadway Bridge	2
9	Elgin O'Hare	EB and WB - Mainline over Wright Blvd	Reconstruction	BRT and Roadway Bridge	2
10	Elgin O'Hare	EB and WB - Mainline over Mitchell Blvd	Reconstruction	BRT and Roadway Bridge	2
11	Elgin O'Hare	EB and WB - Mainline over CPRR freight spur	Reconstruction	BRT and Roadway Bridge	2
12	Elgin O'Hare	Roselle Rd over Mainline	Reconstruction	Roadway Bridge	2
13	Elgin O'Hare	EB and WB Plum Grove Rd over Mainline	Reconstruction	BRT and Roadway Bridge	2
14	Elgin O'Hare	EB and WB - Mainline over Meacham Blvd	Reconstruction	BRT and Roadway Bridge	2
15	Elgin O'Hare	WB C-D road over Rohlwing Rd	New	Roadway Bridge	2
16	Elgin O'Hare	EB and WB - Mainline over Rohlwing Rd	New	Roadway Bridge	2
17	Elgin O'Hare	EB C-D road over Rohlwing Rd	New	Roadway Bridge	2
18	Elgin O'Hare	EB to NB flyover on I-290 and EB to SB ramp	New	Roadway Bridge	2,3,4
19	Elgin O'Hare	SB to WB exit ramp over WB to SB loop ramp	New	Roadway Bridge	2
20	Elgin O'Hare	SB to WB exit ramp over Rohlwing Rd exit ramp and WB to SB loop	New	Roadway Bridge	2
21	Elgin O'Hare	SB to EB exit ramp over WB to SB loop ramp	New	Roadway Bridge	2
22	Elgin O'Hare	SB to EB flyover on I-290	New	Roadway Bridge	3
23	Elgin O'Hare	NB to WB flyover on I-290	New	Roadway Bridge	3
24	Elgin O'Hare	WB to SB loop ramp over I-290	New	Roadway Bridge	2
25	Elgin O'Hare	EB and WB - Mainline over I-290	Reconstruction	BRT and Roadway Bridge	2
26	I-290	Devon Ave over I-290	Reconstruction	Roadway Bridge	2
27	Elgin O'Hare	EB ramps over Park Blvd exit ramps	New	Roadway Bridge	2
28	Elgin O'Hare	EB and WB - Mainline over Park Blvd	New	BRT and Roadway Bridge	2
29	Elgin O'Hare	EB and WB - Mainline over frontage connector	New	BRT and Roadway Bridge	2
30	Elgin O'Hare	EB and WB - Mainline over Arlington Heights Rd	New	BRT and Roadway Bridge	2
31	Elgin O'Hare	EB and WB - Mainline over Prospect Ave	New	BRT and Roadway Bridge	2
32	Elgin O'Hare	EB and WB - Mainline over Salt Creek	New	BRT and Roadway Bridge	2
33	Elgin O'Hare	EB frontage road over Salt Creek	New	Roadway Bridge	2
34	Elgin O'Hare	WB frontage road over Salt Creek	Reconstruction	Roadway Bridge	2
35	Elgin O'Hare	EB and WB - Mainline over Mittel Blvd	New	Roadway Bridge	2
36	Elgin O'Hare	EB and WB - Mainline over Wood Dale Rd	New	Roadway Bridge	2
37	Elgin O'Hare	EB and WB - Mainline over Lively Blvd	New	Roadway Bridge	2
38	Elgin O'Hare	EB and WB - Mainline over IL 83	New	Roadway Bridge	2
39	Elgin O'Hare	EB and WB - Mainline over freight spur	New	Roadway Bridge	2
40	Elgin O'Hare	WB exit from terminal over York Rd, CPRR and UPRR	New	Roadway Bridge	2
41	Elgin O'Hare	Transit tunnel to terminal (under York Rd and Bypass)	New	Transit Tunnel	-----
42	Elgin O'Hare	NB to WB flyover ramp over York Rd	New	Roadway Bridge	3
43	Elgin O'Hare	EB entrance to terminal over York Rd	New	Roadway Bridge	2
44	Elgin O'Hare	EB to SB flyover ramps over York Rd	New	Roadway Bridge	3
45	IL 72	IL 72 (Touhy Ave) over UPRR	New	Roadway Bridge	2
46	I-90	EB and WB - Mainline over Higgins Creek	Widen	Roadway Bridge	2
47	I-90	Elmhurst Rd over Mainline	Reconstruction	Roadway Bridge	2
48	I-90	EB and WB - Mainline over Oakton St	Widen	Roadway Bridge	2
49	West Bypass	Mainline over IL 19 (Irving Park Rd)	New	Roadway Bridge	2
50	West Bypass	Relocated UPRR over Mainline	New	Railroad Bridge	2
51	West Bypass	CPRR and Metra over Mainline	New	Railroad Bridge (multiple sections)	2
<i>South Connection Option D and Option A structures same as Alternative 203</i>					

^aThe nature and scope of required structure improvements to be verified with future Tier Two studies.

**Elgin O'Hare - West Bypass
Build Alternative
Preliminary Retaining Wall Inventory**

Wall #	Corridor	Location of Retaining Wall	Approximate Length (linear ft) ^a	Roadway vs. Transit
ALTERNATIVE 203				
1	Elgin O'Hare	WB - BRT at Springinsguth Rd	855	Transit
2	Elgin O'Hare	EB - BRT at Springinsguth Rd	940	Transit
3	Elgin O'Hare	WB entrance ramp from Roselle Rd	1750	Roadway
4	Elgin O'Hare	EB entrance ramp from Roselle Rd	1170	Roadway
5	Elgin O'Hare	WB entrance ramp from Meacham Rd	2285	Roadway
6	Elgin O'Hare	WB mainline west of Meacham Rd bridge	240	Roadway
7	Elgin O'Hare	EB mainline west of Meacham Rd bridge	755	Roadway
8	Elgin O'Hare	WB mainline east of Meacham Rd bridge	735	Roadway
9	Elgin O'Hare	EB mainline east of Meacham Rd bridge	705	Roadway
10	Elgin O'Hare	WB - BRT at Rohlwing Rd	730	Transit
11	Elgin O'Hare	EB - BRT at Rohlwing Rd	710	Transit
12	Elgin O'Hare	EB ramps at Rohlwing Road	260	Roadway
13	Elgin O'Hare	EB ramps at Rohlwing Road (LT)	450	Roadway
14	Elgin O'Hare	EB ramps at Rohlwing Road (RT)	420	Roadway
15	Elgin O'Hare	NB to WB ramps at I-290	130	Roadway
16	Elgin O'Hare	WB to SB loop ramp at I-290	510	Roadway
17	Elgin O'Hare	EB to NB ramp at I-290 (LT)	500	Roadway
18	Elgin O'Hare	EB to NB ramp at I-290 (RT)	1430	Roadway
19	Elgin O'Hare	EB to SB ramp at I-290 (LT)	760	Roadway
20	Elgin O'Hare	EB to SB ramp at I-290 (RT)	755	Roadway
21	Elgin O'Hare	NB to WB ramp at I-290 (LT)	475	Roadway
22	Elgin O'Hare	NB to WB ramp at I-290 (RT)	1040	Roadway
23	Elgin O'Hare	SB I-290 ramp to Park Blvd	265	Roadway
24	Elgin O'Hare	SB to EB ramp at I-290 (LT)	430	Roadway
25	Elgin O'Hare	SB to EB ramp at I-290 (RT)	515	Roadway
26	Elgin O'Hare	NB to EB ramp at I-290	200	Roadway
27	Elgin O'Hare	NB I-290 ramp to Park Blvd	2070	Roadway
28	Elgin O'Hare	WB mainline west of Park Blvd	1560	Roadway
29	Elgin O'Hare	EB mainline west of Park Blvd	1135	Roadway
30	Elgin O'Hare	WB mainline east of Park Blvd (LT)	170	Roadway
31	Elgin O'Hare	WB mainline east of Park Blvd (RT)	70	Roadway
32	Elgin O'Hare	EB mainline east of Park Blvd (LT)	240	Roadway
33	Elgin O'Hare	EB mainline east of Park Blvd (RT)	400	Roadway
34	Elgin O'Hare	WB entrance ramp from Arlington Heights Rd	720	Roadway
35	Elgin O'Hare	WB mainline west of Arlington Heights Rd	680	Roadway
36	Elgin O'Hare	EB mainline west of Arlington Heights Rd	1470	Roadway
37	Elgin O'Hare	WB mainline east of Arlington Heights Rd	370	Roadway
38	Elgin O'Hare	EB exit ramp to Prospect Ave	390	Roadway
39	Elgin O'Hare	EB frontage road btw Arlington Hts Rd and Prospect Ave	470	Roadway
40	Elgin O'Hare	WB mainline west of Prospect Ave	630	Roadway
41	Elgin O'Hare	WB mainline east of Prospect Ave	850	Roadway
42	Elgin O'Hare	WB mainline west of Mittel Rd	190	Roadway
43	Elgin O'Hare	WB mainline east of Mittel Rd	245	Roadway
44	Elgin O'Hare	EB mainline west of Mittel Rd	360	Roadway
45	Elgin O'Hare	EB exit ramp to Wood Dale Rd	495	Roadway
46	Elgin O'Hare	EB frontage road btw Mittel Blvd and Wood Dale Rd	570	Roadway
47	Elgin O'Hare	WB mainline west of Wood Dale Rd	500	Roadway
48	Elgin O'Hare	WB mainline east of Wood Dale Rd	605	Roadway
49	Elgin O'Hare	EB mainline west of Wood Dale Rd	475	Roadway
50	Elgin O'Hare	EB exit ramp to Lively Blvd	210	Roadway
51	Elgin O'Hare	WB mainline west of IL 83	1630	Roadway
52	Elgin O'Hare	EB mainline west of IL 83	1320	Roadway
53	Elgin O'Hare	WB exit ramp to Lively Blvd	680	Roadway
54	Elgin O'Hare	WB mainline east of IL 83	600	Roadway
55	Elgin O'Hare	WB Bypass entrance ramp over exit ramp to frontage road (LT)	370	Roadway
56	Elgin O'Hare	WB Bypass entrance ramp over exit ramp to frontage road (RT)	680	Roadway
57	Elgin O'Hare	SB to WB exit ramp to frontage road & IL 83 (LT)	760	Roadway
58	Elgin O'Hare	SB to WB exit ramp to frontage road & IL 83 (RT)	765	Roadway
59	Elgin O'Hare	SB to WB exit ramp to frontage road & IL 83 (LT) - btw tunnels	385	Roadway
60	Elgin O'Hare	SB to WB exit ramp to frontage road & IL 83 (RT) - btw tunnels	940	Roadway
61	Elgin O'Hare	SB to WB ramp to Elgin O'Hare (LT)	770	Roadway
62	Elgin O'Hare	SB to WB ramp to Elgin O'Hare (RT)	770	Roadway
63	Elgin O'Hare	SB to WB ramp to Elgin O'Hare (LT)	1260	Roadway
64	Elgin O'Hare	SB to WB ramp to Elgin O'Hare (RT)	510	Roadway
65	Elgin O'Hare	At BRT tunnel to terminal (LT)	1200	Transit
66	Elgin O'Hare	At BRT tunnel to terminal (RT)	1100	Transit
67	Elgin O'Hare	EB to NB loop ramp - section prior to flyover	410	Roadway
68	Elgin O'Hare	EB to NB loop ramp - section after to flyover (LT)	430	Roadway
69	Elgin O'Hare	EB to NB loop ramp - section after to flyover (RT)	900	Roadway
70	Elgin O'Hare	EB to SB ramp (LT)	240	Roadway
71	Elgin O'Hare	EB to SB ramp (RT)	680	Roadway
72	Elgin O'Hare	Terminal exit ramp to SB Bypass (LT)	320	Roadway
73	Elgin O'Hare	Terminal exit ramp to SB Bypass (RT)	610	Roadway
74	Elgin O'Hare	SB Bypass exit ramp to terminal (LT)	780	Roadway
75	Elgin O'Hare	SB Bypass exit ramp to terminal (RT)	740	Roadway
76	Elgin O'Hare	Terminal entrance ramp (LT)	340	Roadway
77	Elgin O'Hare	Terminal entrance ramp (RT)	310	Roadway
78	Elgin O'Hare	NB Star Line in the median at terminal interchange	1630	Transit
79	Elgin O'Hare	SB Star Line in the median at terminal interchange	1450	Transit

**Elgin O'Hare - West Bypass
Build Alternative
Preliminary Retaining Wall Inventory**

Wall #	Corridor	Location of Retaining Wall	Approximate Length (linear ft) ^a	Roadway vs. Transit
ALTERNATIVE 203				
80	West Bypass -North Connection	SB Mainline south of Devon Ave	1705	Roadway
81	West Bypass -North Connection	NB Mainline south of Devon Ave	2045	Roadway
82	West Bypass -North Connection	SB Mainline north of UP spur bridge	205	Roadway
83	West Bypass -North Connection	SB Mainline south of UP spur bridge	1260	Roadway
84	West Bypass -North Connection	Devon Ave entrance ramp (LT)	585	Roadway
85	West Bypass -North Connection	Devon Ave entrance ramp, south of UP spur bridge (RT)	140	Roadway
86	West Bypass -North Connection	Devon Ave entrance ramp, north of UP spur bridge (RT)	190	Roadway
87	West Bypass -North Connection	Pratt Blvd exit ramp (LT)	740	Roadway
88	West Bypass -North Connection	Pratt Blvd exit ramp (RT)	240	Roadway
89	West Bypass -North Connection	Touhy Ave entrance ramp	810	Roadway
90	West Bypass -North Connection	NB Mainline at Touhy Ave crossing	430	Roadway
91	West Bypass -North Connection	Along EB Touhy Ave, between Bypass and Mt. Prospect Rd	550	Roadway
92	West Bypass -North Connection	Along WB Touhy Ave, between Bypass and Mt. Prospect Rd	650	Roadway
93	West Bypass -North Connection	NB to EB ramp at I-90	870	Roadway
94	West Bypass -North Connection	WB to SB ramp at I-90, near UPRR bridge	415	Roadway
95	West Bypass -North Connection	WB to SB ramp at I-90, near Mount Prospect bridge	415	Roadway
96	West Bypass -North Connection	WB to SB ramp (I-90 flyover)	225	Roadway
97	I-90	EB Mainline east of Touhy Ave bridge	1500	Roadway
98	I-90	EB Mainline over freight spur (west of Wolf Rd)	1120	Roadway
99	I-90	EB Mainline east of UPRR bridge	1420	Roadway
100	I-90	EB Mainline west of UPRR bridge	260	Roadway
101	I-90	EB exit ramp to Elmhurst Rd	3080	Roadway
102	I-90	WB entrance ramp from Elmhurst Rd	2880	Roadway
103	I-90	EB Mainline east of Oakton St bridge	970	Roadway
104	I-90	WB Mainline east of Oakton St bridge	1270	Roadway
105	I-90	EB Mainline east of Busse Rd bridge	1025	Roadway
106	I-90	WB Mainline east of Busse Rd bridge	1395	Roadway
107	I-90	EB Mainline west of Busse Rd bridge	1960	Roadway
108	I-90	WB Mainline west of Busse Rd bridge	5950	Roadway
109	I-90	EB entrance ramp from Arlington Heights Rd	860	Roadway
110	West Bypass	NB Mainline north of IL 19 (Irving Park Rd) bridge	890	Roadway
111	West Bypass	SB Mainline north of IL 19 (Irving Park Rd) bridge	900	Roadway
112	West Bypass	SB Mainline south of IL 19 (Irving Park Rd) bridge	775	Roadway
113	West Bypass	SB entrance ramp from IL 19 (Irving Park Rd)	390	Roadway
114	West Bypass	NB Mainline at IL 19 exit ramp	280	Roadway
115	West Bypass	SB Mainline at Relocated UPRR bridge	320	Roadway
South Connection Option D				
116	West Bypass - South Connection	SB Mainline at Metra/CP crossing (btw structures)	110	Roadway
117	West Bypass - South Connection	NB Mainline at Metra/CP crossing (btw structures)	160	Roadway
118	West Bypass - South Connection	SB Mainline south of Metra/CP crossing	1390	Roadway
119	West Bypass - South Connection	NB Mainline south of Metra/CP crossing	1085	Roadway
120	West Bypass - South Connection	SB Mainline at Franklin Ave bridge	250	Roadway
121	West Bypass - South Connection	Taft Rd over IL 19 (Irving Park Rd)	920	Roadway
122	West Bypass - South Connection	Taft Rd over CP/Metra	450	Roadway
123	West Bypass - South Connection	NB Taft Rd over Bensenville Railyard	550	Roadway
124	West Bypass - South Connection	SB Taft Rd over Bensenville Railyard	370	Roadway
125	West Bypass - South Connection	SB entrance ramp from Green St/Franklin Ave (LT)	2150	Roadway
126	West Bypass - South Connection	SB entrance ramp from Green St/Franklin Ave (RT)	895	Roadway
127	West Bypass - South Connection	Ramp from SB Bypass to SB I-294	2000	Roadway
128	West Bypass - South Connection	Ramp from NB I-294 to NB Bypass, south of flyover (LT)	415	Roadway
129	West Bypass - South Connection	Ramp from NB I-294 to NB Bypass, south of flyover (RT)	1610	Roadway
130	West Bypass - South Connection	Ramp from NB I-294 to NB Bypass, north of flyover (LT)	845	Roadway
131	West Bypass - South Connection	Ramp from NB I-294 to NB Bypass, north of flyover (RT)	1850	Roadway
132	West Bypass - South Connection	NB Mainline at Franklin Ave bridge	805	Roadway
133	West Bypass - South Connection	Ramp from SB I-294 to NB Bypass	2450	Roadway

**Elgin O'Hare - West Bypass
Build Alternative
Preliminary Retaining Wall Inventory**

Wall #	Corridor	Location of Retaining Wall	Approximate Length (linear ft) ^a	Roadway vs. Transit
ALTERNATIVE 203				
134	West Bypass - South Connection	Ramp from SB Bypass to NB I-294 (LT)	1060	Roadway
135	West Bypass - South Connection	Ramp from SB Bypass to NB I-294, by Wolf Rd (LT)	330	Roadway
136	West Bypass - South Connection	Ramp from SB Bypass to NB I-294, by Wolf Rd (RT)	865	Roadway
137	I-294	SB Mainline south of Grand Ave	295	Roadway
138	I-294	NB Mainline parallel to frontage road (south of Grand Ave)	4315	Roadway
139	I-294	NB Mainline parallel to frontage road (north of North Ave)	1320	Roadway
140	I-294	NB entrance ramp from Northwest Ave & along NB mainline	3615	Roadway
141	I-294	SB Mainline over County Line Rd (north abutment)	225	Roadway
142	I-294	SB Mainline over County Line Rd (south abutment)	50	Roadway
143	I-294	abutment)	105	Roadway
South Connection Option A				
144	West Bypass - South Connection	SB Mainline at Metra/CP crossing (btw structures)	110	Roadway
145	West Bypass - South Connection	NB Mainline at Metra/CP crossing (btw structures)	160	Roadway
146	West Bypass - South Connection	SB Mainline south of Metra/CP crossing	1390	Roadway
147	West Bypass - South Connection	NB Mainline south of Metra/CP crossing	1085	Roadway
148	West Bypass - South Connection	SB Mainline at Franklin Ave bridge	1030	Roadway
149	West Bypass - South Connection	NB Mainline at Franklin Ave bridge	160	Roadway
150	West Bypass - South Connection	Taft Rd over IL 19 (Irving Park Rd)	920	Roadway
151	West Bypass - South Connection	Taft Rd over CP/Metra	450	Roadway
152	West Bypass - South Connection	NB Taft Rd over Bensenville Railyard	550	Roadway
153	West Bypass - South Connection	SB Taft Rd over Bensenville Railyard	370	Roadway
154	West Bypass - South Connection	SB Mainline south of Jefferson St	310	Roadway
155	West Bypass - South Connection	NB Mainline south of Jefferson St	1525	Roadway
156	West Bypass - South Connection	Ramp from SB Bypass to NB I-294 (LT)	370	Roadway
157	West Bypass - South Connection	Ramp from SB Bypass to NB I-294 (RT)	895	Roadway
158	West Bypass - South Connection	Ramp from SB Bypass to NB I-294, by Wolf Rd (LT)	735	Roadway
159	West Bypass - South Connection	Ramp from SB Bypass to NB I-294, by Wolf Rd (RT)	2520	Roadway
160	West Bypass - South Connection	SB entrance ramp from County Line Rd (RT)	420	Roadway
161	West Bypass - South Connection	Ramp from SB Bypass to SB I-294, north of Grand Ave (LT)	430	Roadway
162	West Bypass - South Connection	Ramp from SB Bypass to SB I-294, north of Grand Ave (RT)	1020	Roadway
163	West Bypass - South Connection	Ramp from SB Bypass to SB I-294, south of Grand Ave	930	Roadway
164	West Bypass - South Connection	Ramp from SB I-294 to NB Bypass	1365	Roadway
165	West Bypass - South Connection	Ramp from SB I-294 to NB Bypass, at George St (LT)	485	Roadway
166	West Bypass - South Connection	Ramp from SB I-294 to NB Bypass, at George St (RT)	1100	Roadway
167	I-294	NB entrance ramp from Northwest Ave & along NB mainline	7000	Roadway
168	I-294	NB Mainline parallel to frontage road (north of North Ave)	1320	Roadway
169	I-294	SB Mainline over County Line Rd (north abutment)	225	Roadway
170	I-294	SB Mainline over County Line Rd (south abutment)	50	Roadway
171	I-294	NB Mainline over County Line Rd (south abutment)	105	Roadway
ALTERNATIVE 402				
1	Elgin O'Hare	WB - BRT at Springingsuth Rd	855	Transit
2	Elgin O'Hare	EB - BRT at Springingsuth Rd	940	Transit
3	Elgin O'Hare	WB entrance ramp from Roselle Rd	1750	Roadway
4	Elgin O'Hare	EB entrance ramp from Roselle Rd	1170	Roadway
5	Elgin O'Hare	WB entrance ramp from Meacham Rd	2285	Roadway
6	Elgin O'Hare	WB mainline west of Meacham Rd bridge	240	Roadway
7	Elgin O'Hare	EB mainline west of Meacham Rd bridge	755	Roadway
8	Elgin O'Hare	WB mainline east of Meacham Rd bridge	735	Roadway
9	Elgin O'Hare	EB mainline east of Meacham Rd bridge	705	Roadway
10	Elgin O'Hare	WB - BRT at Rohlwing Rd	730	Transit
11	Elgin O'Hare	EB - BRT at Rohlwing Rd	710	Transit
12	Elgin O'Hare	EB ramps at Rohlwing Road	260	Roadway
13	Elgin O'Hare	EB ramps at Rohlwing Road (LT)	450	Roadway
14	Elgin O'Hare	EB ramps at Rohlwing Road (RT)	420	Roadway
15	Elgin O'Hare	NB to WB ramps at I-290	130	Roadway
16	Elgin O'Hare	WB to SB loop ramp at I-290	510	Roadway

**Elgin O'Hare - West Bypass
Build Alternative
Preliminary Retaining Wall Inventory**

Wall #	Corridor	Location of Retaining Wall	Approximate Length (linear ft) ^a	Roadway vs. Transit
ALTERNATIVE 402				
17	Elgin O'Hare	EB to NB ramp at I-290 (LT)	500	Roadway
18	Elgin O'Hare	EB to NB ramp at I-290 (RT)	1430	Roadway
19	Elgin O'Hare	EB to SB ramp at I-290 (LT)	760	Roadway
20	Elgin O'Hare	EB to SB ramp at I-290 (RT)	755	Roadway
21	Elgin O'Hare	NB to WB ramp at I-290 (LT)	475	Roadway
22	Elgin O'Hare	NB to WB ramp at I-290 (RT)	1040	Roadway
23	Elgin O'Hare	SB I-290 ramp to Park Blvd	265	Roadway
24	Elgin O'Hare	SB to EB ramp at I-290 (LT)	430	Roadway
25	Elgin O'Hare	SB to EB ramp at I-290 (RT)	515	Roadway
26	Elgin O'Hare	NB to EB ramp at I-290	200	Roadway
27	Elgin O'Hare	NB I-290 ramp to Park Blvd	2070	Roadway
28	Elgin O'Hare	WB mainline west of Park Blvd	1560	Roadway
29	Elgin O'Hare	EB mainline west of Park Blvd	1135	Roadway
30	Elgin O'Hare	WB mainline east of Park Blvd (LT)	170	Roadway
31	Elgin O'Hare	WB mainline east of Park Blvd (RT)	70	Roadway
32	Elgin O'Hare	EB mainline east of Park Blvd (LT)	240	Roadway
33	Elgin O'Hare	EB mainline east of Park Blvd (RT)	400	Roadway
34	Elgin O'Hare	WB entrance ramp from Arlington Heights Rd	720	Roadway
35	Elgin O'Hare	WB mainline west of Arlington Heights Rd	680	Roadway
36	Elgin O'Hare	EB mainline west of Arlington Heights Rd	1470	Roadway
37	Elgin O'Hare	WB mainline east of Arlington Heights Rd	370	Roadway
38	Elgin O'Hare	EB exit ramp to Prospect Ave	390	Roadway
39	Elgin O'Hare	EB frontage road btw Arlington Hts Rd and Prospect Ave	470	Roadway
40	Elgin O'Hare	WB mainline west of Prospect Ave	630	Roadway
41	Elgin O'Hare	WB mainline east of Prospect Ave	850	Roadway
42	Elgin O'Hare	WB mainline west of Mittel Rd	190	Roadway
43	Elgin O'Hare	WB mainline east of Mittel Rd	245	Roadway
44	Elgin O'Hare	EB mainline west of Mittel Rd	360	Roadway
45	Elgin O'Hare	EB exit ramp to Wood Dale Rd	495	Roadway
46	Elgin O'Hare	EB frontage road btw Mittel Blvd and Wood Dale Rd	570	Roadway
47	Elgin O'Hare	WB mainline west of Wood Dale Rd	500	Roadway
48	Elgin O'Hare	WB mainline east of Wood Dale Rd	605	Roadway
49	Elgin O'Hare	EB mainline west of Wood Dale Rd	475	Roadway
50	Elgin O'Hare	EB exit ramp to Lively Blvd	210	Roadway
51	Elgin O'Hare	WB mainline west of IL 83	1630	Roadway
52	Elgin O'Hare	EB mainline west of IL 83	1050	Roadway
53	Elgin O'Hare	WB exit ramp to Lively Blvd	695	Roadway
54	Elgin O'Hare	WB mainline west of RR spur (Thorndale)	535	Roadway
55	Elgin O'Hare	WB mainline east of RR spur (Thorndale)	760	Roadway
56	Elgin O'Hare	NB to WB exit ramp to frontage road & IL 83 (LT)	375	Roadway
57	Elgin O'Hare	NB to WB exit ramp to frontage road & IL 83 (RT)	680	Roadway
58	Elgin O'Hare	At BRT west of York Rd crossing (LT)	680	Transit
59	Elgin O'Hare	At BRT west of York Rd crossing (RT)	690	Transit
60	Elgin O'Hare	At BRT tunnel under UPRR & CPRR (LT)	140	Transit
61	Elgin O'Hare	At BRT tunnel under UPRR & CPRR (RT)	140	Transit
62	Elgin O'Hare	At BRT east of UPRR & CPRR (RT)	480	Transit
63	Elgin O'Hare	At BRT east of UPRR & CPRR (LT)	555	Transit
64	Elgin O'Hare	At BRT entrance to terminal (LT)	260	Transit
65	Elgin O'Hare	At BRT entrance to terminal (RT)	190	Transit
66	Elgin O'Hare	EB Terminal entrance ramp, west of York Rd (LT)	610	Roadway
67	Elgin O'Hare	EB Terminal entrance ramp, east of UPRR & CPRR (LT)	580	Roadway
68	Elgin O'Hare	NB to WB ramp at flyover (RT)	620	Roadway
69	Elgin O'Hare	EB to SB ramp at flyover (RT)	560	Roadway
70	IL 72	Along EB Touhy Ave, west of UPRR bridge	190	Roadway
71	IL 72	Along EB Touhy Ave, east of UPRR bridge	375	Roadway
72	IL 72	Along WB Touhy Ave, west of UPRR bridge	280	Roadway
73	IL 72	Along WB Touhy Ave, east of UPRR bridge	325	Roadway
74	I-90	EB exit ramp to Elmhurst Rd	3080	Roadway
75	I-90	WB entrance ramp from Elmhurst Rd	2790	Roadway
76	I-90	WB exit ramp to Elmhurst Rd	1130	Roadway
77	I-90	EB Mainline west of Oakton St bridge	590	Roadway
78	I-90	EB Mainline east of Oakton St bridge	970	Roadway
79	I-90	WB Mainline west of Oakton St bridge	770	Roadway
80	I-90	WB Mainline east of Oakton St bridge	1275	Roadway
81	West Bypass	NB Mainline north of IL 19 (Irving Park Rd) bridge	890	Roadway
82	West Bypass	SB Mainline north of IL 19 (Irving Park Rd) bridge	900	Roadway
83	West Bypass	SB Mainline south of IL 19 (Irving Park Rd) bridge	775	Roadway
84	West Bypass	SB entrance ramp from IL 19 (Irving Park Rd)	390	Roadway
85	West Bypass	NB Mainline at IL 19 exit ramp	280	Roadway
86	West Bypass	SB Mainline at Relocated UPRR bridge	320	Roadway

South Connection Option D and Option A retaining walls same as Alternative 203

^aThe location of required retaining walls to be verified with future Tier Two studies.