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
ALTERNA 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 Elgin O'Hare	SB Gary Ave ramp over Mainline SB Gary Ave ramp over Springinsguth Rd	Reconstruction Reconstruction	Roadway Bridge 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 Elgin O'Hare	EB and WB - Mainline over IL 19 (W Irving Park Rd) EB and WB - Mainline over Rodenburg Rd	Reconstruction Reconstruction	BRT and Roadway Bridge 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 Elgin O'Hare	EB and WB - Mainline over Mitchell Blvd EB and WB - Mainline over CPRR freight spur	Reconstruction Reconstruction	BRT and Roadway Bridge 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 15	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over Meacham Blvd WB C-D road over Rohlwing Rd	Reconstruction New	BRT and Roadway Bridge Roadway Bridge	2
16	Elgin O'Hare	EB and WB - Mainline over Rohlwing Rd	New	Roadway Bridge	2
17 18	Elgin O'Hare Elgin O'Hare	EB C-D road over Rohlwing Rd EB to NB flyover on I-290 and EB to SB ramp	New New	Roadway Bridge Roadway Bridge	2,3,4
19	Elgin O'Hare	SB to WB exit ramp over WB to SB loop ramp	New	Roadway Bridge	2,3,4
00	Fleir Oll Iana	CD to WD suit yamp are Debluing Dd suit yamp and WD to CD land	New	Doodway Dridge	0
20 21	Elgin O'Hare Elgin O'Hare	SB to WB exit ramp over Rohlwing Rd exit ramp and WB to SB loop SB to EB exit ramp over WB to SB loop ramp	New New	Roadway Bridge Roadway Bridge	2
22	Elgin O'Hare	SB to EB flyover on I-290	New	Roadway Bridge	3
23 24	Elgin O'Hare Elgin O'Hare	NB to WB flyover on I-290 WB to SB loop ramp over I-290	New New	Roadway Bridge Roadway Bridge	3 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 28	Elgin O'Hare Elgin O'Hare	EB ramps over Park Blvd exit ramps EB and WB - Mainline over Park Blvd	New New	Roadway Bridge BRT and Roadway Bridge	2 2
29	Elgin O'Hare	EB and WB - Mainline over frontage connector	New	BRT and Roadway Bridge	2
30 31	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over Arlington Heights Rd EB and WB - Mainline over Prospect Ave	New New	BRT and Roadway Bridge BRT and Roadway Bridge	2 2
31	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over Prospect Ave EB and WB - Mainline over Salt Creek	New New	BRT and Roadway Bridge BRT and Roadway Bridge	2
33	Elgin O'Hare	EB frontage road over Salt Creek	New	Roadway Bridge	2
34 35	Elgin O'Hare Elgin O'Hare	WB frontage road over Salt Creek EB and WB - Mainline over Mittel Blvd	Reconstruction New	Roadway Bridge 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 39	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over IL 83 EB and WB - Mainline over freight spur	New New	BRT and Roadway Bridge BRT and Roadway Bridge	2
40	Elgin O'Hare	WB Bypass entrance ramp over exit ramp to frontage road	New	Roadway Bridge	2
41 42	Elgin O'Hare Elgin O'Hare	WB exit from terminal over York Rd, CPRR, UPRR and Bypass WB frontage road exit under York Rd, CPRR and UPRR	New	Roadway Bridge Tunnel (multiple sections)	2,3
42	Elgin O'Hare	SB to WB exit ramp under York Rd, CPRR and UPRR	New New	Tunnel (multiple sections) Tunnel (multiple sections)	
		·		Transit Tunnel (multiple	
44 45	Elgin O'Hare Elgin O'Hare	Transit tunnel to terminal (under Bypass) NB to WB flyover ramp over Bypass	New New	sections) Roadway Bridge	2,3
		EB Bypass to SB/terminal and SB I-290 to terminal over York Rd and		, ,	2,0
46 47	Elgin O'Hare Elgin O'Hare	Bypass EB to NB flyover ramp over Bypass and terminal ramp	New New	Roadway Bridge Roadway Bridge	3 3,4
	West Bypass -North	25 to 115 hydror ramp over 5/page and terminal ramp	11011	Hoddway Bridge	0,4
48	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
	West Bypass -North		.,	B 1 B:1	
50	Connection West Bypass -North	NB ramps from Bypass to I-90 (over detention pond and Touhy Ave)	New	Roadway Bridge	2,3
51	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
- 52	West Bypass -North	Transit strage ever determine porta	11011	Transit Bridge	
53	Connection	SB ramps from I-90 to Bypass (over detention pond and Touhy Ave)	New	Roadway Bridge	2,3,4
54 55	West Bypass West Bypass	Mainline over IL 19 (Irving Park Rd) Relocated UPRR over Mainline	New New	Roadway Bridge Railroad Bridge	2
				Railroad Bridge (multiple	
56 57	West Bypass I-90	CPRR and Metra over Mainline WB to SB exit ramp over Mount Prospect Rd	New New	sections) Roadway Bridge	2
58	I-90	EB - Mainline over Mount Prospect Rd	Widen	Roadway Bridge	2
59 60	I-90 I-90	EB and WB Mainline over UPRR EB and WB - Mainline over freight spur (west of Wolf Rd)	Widen Widen	Roadway Bridge Roadway Bridge	2
61	I-90	EB and WB - Mainline over Wolf Rd	Widen	Roadway Bridge Roadway Bridge	2
62	I-90	EB and WB - Mainline over IL 72 (Touhy Ave)	Widen	Roadway Bridge	2
63 64	I-90 I-90	EB - Mainline over Higgins Creek Elmhurst Rd exit ramps over Higgins Creek	Widen New	Roadway Bridge Roadway Bridge	2
65	I-90	Elmhurst Rd over Mainline	Reconstruction	Roadway Bridge	2
66 67	I-90 I-90	EB to SB ramp over EB entrance ramp EB and WB - Mainline over Oakton St	New Widen	Roadway Bridge Roadway Bridge	2
68	I-90	EB and WB - Mainline over Busse Rd	Widen	Roadway Bridge	2
	West Division Co. 11	South Connection Option D			
69	West Bypass - South Connection	SB - Mainline over UP railroad bridge and Franklin Ave	New	Roadway Bridge	3
	West Bypass - South	-		, ,	
70	Connection West Bypass - South	NB - Mainline over UP railroad bridge and Franklin Ave	New	Roadway Bridge	3
71	Connection	Relocated UPRR over Franklin Ave	New	Railroad Bridge -BY OTHERS	2
70	West Bypass - South	Toff Dd aver Pennsoville Deilverd	Now	Poodway Bridge	
72	Connection West Bypass - South	Taft Rd over Bensenville Railyard	New	Roadway Bridge	2
73	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
/ +	West Bypass - South		14047		5,7
75	Connection West Bypass - South	SB - Mainline flyover from Bypass to I-294 NB	New	Roadway Bridge	3
76	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 NB and SB - Mainline over County Line Rd (at North Ave	Widen	Roadway Bridge	2
79	I-294	Interchange)	New	Roadway Bridge	2

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

	Preliminary Structures inventory									
Bridge #	Corridor	Location of Structure	Type of Construction ^a	Type of Structure	Level of Bridge					
ALTERNATIVE 203 South Connection Option A										
	West Bypass - South	South Connection Option A								
80	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					
01	West Bypass - South	Tologator of the over transmitted	11011	Trainoud Bridge B1 e111E116						
82	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					
00	West Bypass - South	Tarria over 12 To (IIVIII g Fark Fla)	IVOV	Hoddway Bridge						
84	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					
00	West Bypass - South	145 Tamp Hom No 1254 Over Of this, homage road and 1254	INCW	Hoadway Bridge	2,0					
86	Connection	SB - Mainline flyover to NB I-294	New	Roadway Bridge	2,3,4					
0.7	West Bypass - South	CD 004 fluorento ND Dungoo	New	Doodway Dridge	0					
87	Connection West Bypass - South	SB - 294 flyover to NB Bypass	New	Roadway Bridge	3					
88	Connection	SB entrance ramps over Belmont Ave	New	Roadway Bridge	2,3					
	West Bypass - South									
89 90	Connection I-294	SB entrance ramps over Grand Ave Wolf Rd over I-294	New Reconstruction	Roadway Bridge Roadway Bridge	2					
90	I-294	County Line Rd over I-294 (at North Ave interchange)	New	Roadway Bridge	2					
<u> </u>		,								
ALTERNA			T							
1 2	Elgin O'Hare Elgin O'Hare	Gary Ave over Metra NB Gary Ave ramp over EB exit ramp	Reconstruction Reconstruction	Roadway Bridge 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 7	Elgin O'Hare Elgin O'Hare	EB - Mainline over Springinsguth Rd EB and WB - Mainline over IL 19 (W Irving Park Rd)	Reconstruction Reconstruction	Roadway Bridge 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 12	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over CPRR freight spur Roselle Rd over Mainline	Reconstruction Reconstruction	BRT and Roadway Bridge 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 EB and WB - Mainline over Rohlwing Rd	New	Roadway Bridge	2					
16 17	Elgin O'Hare Elgin O'Hare	EB C-D road over Rohlwing Rd	New New	Roadway Bridge 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 25	Elgin O'Hare Elgin O'Hare	WB to SB loop ramp over I-290 EB and WB - Mainline over I-290	New Reconstruction	Roadway Bridge 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 29	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over Park Blvd EB and WB - Mainline over frontage connector	New New	BRT and Roadway Bridge 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 34	Elgin O'Hare Elgin O'Hare	EB frontage road over Salt Creek WB frontage road over Salt Creek	New Reconstruction	Roadway Bridge 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 39	Elgin O'Hare Elgin O'Hare	EB and WB - Mainline over IL 83 EB and WB - Mainline over freight spur	New New	Roadway Bridge 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 44	Elgin O'Hare Elgin O'Hare	EB entrance to terminal over York Rd EB to SB flyover ramps over York Rd	New New	Roadway Bridge 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 48	I-90 I-90	Elmhurst Rd over Mainline EB and WB - Mainline over Oakton St	Reconstruction Widen	Roadway Bridge	2					
48	West Bypass	Mainline over IL 19 (Irving Park Rd)	New	Roadway Bridge Roadway Bridge	2					
50	West Bypass	Relocated UPRR over Mainline	New	Railroad Bridge	2					
F.4	West Dins	CDDD and Make area Mainline	Na	Railroad Bridge (multiple						
51	West Bypass	CPRR and Metra over Mainline South Connection Option D and Option A structures sam	New Ne as Alternative 203	sections)	2					
		Count Connection Option D and Option A structures sain	o ao Aitemative 200							

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