

## Elgin O'Hare - West Bypass Initial Roadway System Strategies Transportation Performance Comparison

### IMPROVE LOCAL AND REGIONAL TRAVEL

VHD		
STRATEGY NUMBER	RANK (1-15)	CHANGE FROM BASELINE (HRS/DAY)
202	1	28,900
203	2	27,000
201	3	25,500
401	3	25,500
403	5	25,300
204	6	23,100
402	7	22,500
501	8	22,000
404	9	21,900
205	10	19,700
301	11	11,800
302	12	10,700
102	12	10,700
101	14	7,960
601	15	5,700

REDUCE CONGESTED VMT		
STRATEGY NUMBER	RANK (1-15)	CHANGE FROM BASELINE (%)
201	1	35.9
402	2	35.5
203	3	35.1
403	4	35.1
202	5	34.7
205	6	34.2
404	7	34.0
401	8	33.9
204	9	32.8
102	10	30.9
501	11	30.7
301	12	27.7
302	13	27.1
101	14	24.1
601	15	18.8

REDUCE TRAVEL TIME TO/FROM NW		
STRATEGY NUMBER	RANK (1-15)	CHANGE FROM BASELINE (SQ MI)
201	1	52
204	2	50
401	3	50
403	4	50
202	5	48
501	6	48
203	7	45
402	8	43
205	9	40
404	10	35
302	11	31
101	12	29
102	13	27
601	14	22
301	15	19

### IMPROVE LOCAL AND REGIONAL TRAVEL

### IMPROVE O'HARE WEST ACCESS

REDUCE TRAVEL TIME TO/FROM W		
STRATEGY NUMBER	RANK (1-15)	CHANGE FROM BASELINE (SQ MI)
202	1	105
203	2	104
205	3	97
404	4	90
201	5	88
204	6	79
401	7	58
403	7	58
402	9	50
501	10	48
101	11	7
601	12	5
102	13	4
302	14	2
301	15	1

REDUCE TRAVEL TIME TO/FROM SW		
STRATEGY NUMBER	RANK (1-15)	CHANGE FROM BASELINE (SQ MI)
201	1	53
202	1	53
204	3	51
501	4	49
203	5	48
401	6	46
403	6	46
402	8	45
205	9	42
404	9	42
302	11	18
102	12	16
301	13	15
101	14	11
601	15	3

TRAVEL TIME REDUCTIONS (W AND NW)		
STRATEGY NUMBER	RANK (1-15)	CHANGE FROM BASELINE (MIN)
202	1	25.8
203	2	25.7
205	2	25.7
404	2	25.7
201	5	25.4
204	6	23.7
501	7	17.1
402	8	16.7
401	9	16.2
403	9	16.2
301	11	15.9
302	12	14.4
101	13	9.9
601	14	8.5
102	15	8.4

### IMPROVE TRAVEL EFFICIENCY

### IMPROVE MODAL CONNECTION OPPORTUNITIES (REVISED)

### COMPOSITE SUMMARY (REVISED)

IMPROVE INTERSTATE ACCESS		
STRATEGY NUMBER	RANK (1-15)	ADDITIONAL TRIPS PEAK PERIOD (TRAVEL < 5 MINUTES)
403	1	28,200
401	2	25,700
201	3	24,100
202	4	23,700
402	5	22,900
204	6	22,000
501	7	21,800
203	8	20,300
205	9	17,800
404	10	14,800
102	11	13,200
302	12	7,900
101	13	7,700
301	14	5,200
601	15	5,100

OPPORTUNITIES		
STRATEGY NUMBER	RANK (1-15)	POP/EMPLOYMENT SERVED (PPL)
203	1	152,488
201	2	140,188
403	3	136,747
402	4	135,276
401	5	133,018
202	6	132,366
205	7	128,647
404	8	120,917
501	9	110,309
204	10	109,270
301	11	71,394
601	12	48,944
102	13	32,172
101	14	28,352
302	15	24,415

COMPOSITE (1-15 RANKING)		
STRATEGY NUMBER	RANK (1-15)	TOTALS
201	1	21
202	2	24
203	3	30
403	4	39
401	5	43
204	6	48
402	7	51
205	8	55
404	9	59
501	10	62
102	11	99
302	12	100
301	13	102
101	14	105
601	15	112

RANK (1 = BEST PERFORMING 15 = WORST PERFORMING )