
APPENDIX C

Proposed Contracts Under Strategic Plan

AT-GRADE SECTION PROPOSED CONTRACTS - BASE CASE

- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE MIMICO CREEK BRIDGES
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO PARK LAWN DRIVE OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF THE PARK LAWN ROAD OVERPASS
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO LAKE SHORE OVER WESTBOUND OFF-RAMP TO LAKE SHORE
- EXPRESSWAY IMPROVEMENTS WB STA. 172+50 (WESLEY ST) / EB STA. 176+50 (GRAND AVE) TO STA. 195+00 (HUMBER RIVER)

- STRUCTURAL REHABILITATION FOR
- CNR OVERHEAD
 - TTC OVERHEAD
 - MAINLINE OVER WBL OFF-RAMP TO LAKE SHORE

- MEDIAN BARRIER REPLACEMENT (ELLIS AVENUE TO DUFFERIN ST)

CONTRACT G5
2023 ~ 2024
\$ 25.7 M

CONTRACT G1B
2014
\$ 23.9 M

CONTRACT G1A
2014
\$ 5.1 M

CONTRACT G6
2030
\$ 15.4 M

- STRUCTURAL REHABILITATION OF THE HUMBER RIVER BRIDGES (WBL, EBL, WB ON-RAMP, WB OFF-RAMP, LAKE SHORE EB, LAKESHORE WB)

CONTRACT G3
2018 ~ 2020
\$ 48.6 M

CONTRACT G4
2021 ~ 2022
\$ 15.4 M

CONTRACT G2
2016 ~ 2017
\$ 7.2 M *

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE EAST MALL OVERPASS
- STRUCTURAL REHABILITATION OF N & S-E RAMP OVER THE EAST MALL
- STRUCTURAL REHABILITATION OF WICKMAN ROAD AND CPR OVERPASS
- STRUCTURAL REHABILITATION OF THE KIPLING AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF THE ISLINGTON AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF N & S-W OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF RETAINING WALLS INCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS
- EXPRESSWAY IMPROVEMENTS FROM STA. 130+00 (HWY 427 / QEW) TO WB STA. 172+50 (WESLEY ST) / EB STA. 176+50 (GRAND AVE)
- IMPROVEMENTS TO THE KIPLING AVENUE AND ISLINGTON AVENUE RAMPS AND INTERCHANGES AND WIDENING OF THE MAINLINE BETWEEN ISLINGTON AND PARK LAWN AS PART OF THE GARDINER WEST (PARK LAWN - HIGHWAY 427) EA

- STRUCTURAL REHABILITATION OF THE ROYAL YORK ROAD UNDERPASS
- STRUCTURAL REHABILITATION OF THE GRAND AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF THE WINDERMERE AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE ELLIS AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE COLBORNE LODGE DRIVE (HOWARD AVENUE) OVERPASS
- STRUCTURAL REHABILITATION OF THE PARKSIDE DRIVE OVERPASS
- EXPRESSWAY IMPROVEMENTS STA 195+00 (HUMBER RIVER) TO STA 226+00 (DOWLING AVENUE)
- STRUCTURAL REHABILITATION OF RETAINING WALLS INCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS

- PATCHING PROGRAM
 - THE EAST MALL OVERPASS
 - N & S-E RAMP OVER THE EAST MALL
 - WICKMAN & CPR OVERPASS
 - KIPLING AVENUE UNDERPASS
 - ISLINGTON AVENUE UNDERPASS
 - ROYAL YORK ROAD UNDERPASS
 - GRAND AVENUE UNDERPASS
 - PARK LAWN ROAD OVERPASS
 - EB OFF-RAMP OVER WB OFF-RAMP
 - WINDERMERE AVENUE OVERPASS
 - ELLIS AVENUE OVERPASS
 - COLBORNE LODGE DRIVE OVERPASS
 - PARKSIDE DRIVE OVERPASS
- REPLACEMENT OF DUFFERIN STREET UNDERPASS (UNDER APPROVED EA)
- REPLACEMENT OF DOWLING AVENUE UNDERPASS (UNDER PROPOSED EA)
- EXPRESSWAY IMPROVEMENTS STA 226+00 (DOWLING AVENUE) TO STA 241+00 (ELEVATED SECTION WEST ABUTMENT)

* COST ESTIMATE EXCLUDES DUFFERIN AVENUE & DOWLING AVENUE BRIDGE REPLACEMENTS



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STRATEGIC PLAN FOR REHABILITATION OF
F.G. GARDINER EXPRESSWAY
APPENDIX C - PROPOSED CONTRACTS

AT - GRADE SECTION PROPOSED CONTRACTS
BASE CASE

EX - 1

AT-GRADE SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN I

- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE MIMICO CREEK BRIDGES
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO PARK LAWN DRIVE OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF THE PARK LAWN ROAD OVERPASS
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO LAKE SHORE OVER WESTBOUND OFF-RAMP TO LAKE SHORE
- EXPRESSWAY IMPROVEMENTS EB STA. 172+50 WB STA. 176+50 (GRAND AVE) TO STA. 195+00 (HUMBER RIVER)

- MEDIAN BARRIER REPLACEMENT (ELLIS AVENUE TO DUFFERIN ST)

- STRUCTURAL REHABILITATION OF KIPLING AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF ROYAL RORK ROAD UNDERPASS

CONTRACT G - A3
2018
\$ 5.1 M

CONTRACT G - A6
2021 ~ 2022
\$ 28.0 M

CONTRACT G1A
2014
\$ 5.1 M

CONTRACT G - A5
2020
\$ 3.6 M

CONTRACT G1B
2014
\$ 23.9 M

CONTRACT G - A8
2030
\$ 15.4 M

- STRUCTURAL REHABILITATION OF ISLINGTON AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF GRAND AVENUE UNDERPASS

- STRUCTURAL REHABILITATION FOR
- CNR OVERHEAD
 - TTC OVERHEAD
 - MAINLINE OVER WBL OFF-RAMP TO LAKE SHORE

- STRUCTURAL REHABILITATION OF THE HUMBER RIVER BRIDGES (WBL, EBL, WB ON-RAMP, WB OFF-RAMP, LAKE SHORE EB, LAKESHORE WB)

CONTRACT G - A7
2023 ~ 2025
\$ 44.2 M

CONTRACT G - A4
2019
\$ 11.6 M

CONTRACT G2
2016 ~ 2017
\$ 7.2 M *

- STRUCTURAL REHABILITATION OF THE EAST MALL OVERPASS
- STRUCTURAL REHABILITATION OF N & S-E RAMP OVER THE EAST MALL
- STRUCTURAL REHABILITATION OF WICKMAN ROAD AND CPR OVERPASS
- STRUCTURAL REHABILITATION OF N & S-W OVER MIMICO CREEK
- IMPROVEMENTS TO THE KIPLING AVENUE AND ISLINGTON AVENUE RAMPS AND INTERCHANGES AND WIDENING OF THE MAINLINE BETWEEN ISLINGTON AND PARK LAWN AS PART OF THE GARDINER WEST (PARK LAWN - HIGHWAY 427) EA
- REPLACEMENT OF SUB-STANDARD BARRIERS ON RETAINING WALLS

- STRUCTURAL REHABILITATION OF THE WINDERMERE AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE ELLIS AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE COLBORNE LODGE DRIVE (HOWARD AVENUE) OVERPASS
- STRUCTURAL REHABILITATION OF THE PARKSIDE DRIVE OVERPASS
- EXPRESSWAY IMPROVEMENTS STA 195+00 (HUMBER RIVER) TO STA 226+00 (DOWLING AVENUE)
- STRUCTURAL REHABILITATION OF RETAINING WALLS EXCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS

- PATCHING PROGRAM
 - THE EAST MALL OVERPASS
 - N & S-E RAMP OVER THE EAST MALL
 - WICKMAN & CPR OVERPASS
 - KIPLING AVENUE UNDERPASS
 - ISLINGTON AVENUE UNDERPASS
 - ROYAL YORK ROAD UNDERPASS
 - GRAND AVENUE UNDERPASS
 - PARK LAWN ROAD OVERPASS
 - EB OFF-RAMP OVER WB OFF-RAMP
 - WINDERMERE AVENUE OVERPASS
 - ELLIS AVENUE OVERPASS
 - COLBORNE LODGE DRIVE OVERPASS
 - PARKSIDE DRIVE OVERPASS
- REPLACEMENT OF DUFFERIN STREET UNDERPASS (UNDER APPROVED EA)
- REPLACEMENT OF DOWLING AVENUE UNDERPASS (UNDER PROPOSED EA)
- EXPRESSWAY IMPROVEMENTS STA 226+00 (DOWLING AVENUE) TO STA 241+00 (ELEVATED SECTION WEST ABUTMENT)

* COST ESTIMATE EXCLUDES DUFFERIN AVENUE & DOWLING AVENUE BRIDGE REPLACEMENTS

PAVEMENT RESURFACING PROGRAM

YEAR	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
COST (\$ M)	1.9	-	2.2	1.9	1.9	-	2.2	3.8	13.9

CONTRACT SECTIONS
(TOTAL 8 CONTRACTS)

SCOPE OF WORK



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STRATEGIC PLAN FOR REHABILITATION OF
F.G. GARDINER EXPRESSWAY
APPENDIX C - PROPOSED CONTRACTS

AT-GRADE SECTION PROPOSED CONTRACTS
ALTERNATIVE PLAN I

EX - 2

- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

- STRUCTURAL REHABILITATION OF THE MIMICO CREEK BRIDGES
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO PARK LAWN DRIVE OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF THE PARK LAWN ROAD OVERPASS
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO LAKE SHORE OVER WESTBOUND OFF-RAMP TO LAKE SHORE
- EXPRESSWAY IMPROVEMENTS EB STA. 172+50 WB STA. 176+50 (GRAND AVE) TO STA. 195+00 (HUMBER RIVER)

- MEDIAN BARRIER REPLACEMENT
(ELLIS AVENUE TO DUFFERIN ST)

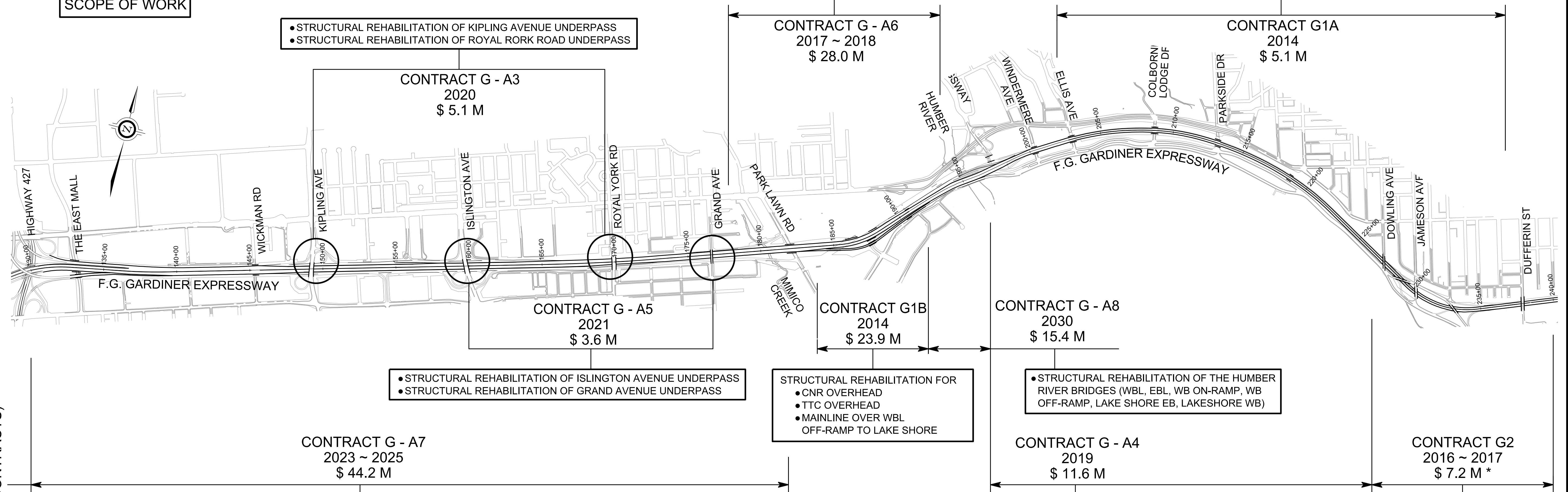
SCOPE OF WORK

- STRUCTURAL REHABILITATION OF KIPLING AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF ROYAL RORK ROAD UNDERPASS

CONTRACT G - A3
2020
\$ 5.1 M

CONTRACT G - A6
2017 ~ 2018
\$ 28.0 M

CONTRACT G1A
2014
\$ 5.1 M



- STRUCTURAL REHABILITATION OF ISLINGTON AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF GRAND AVENUE UNDERPASS

STRUCTURAL REHABILITATION FOR

- CNR OVERHEAD
- TTC OVERHEAD
- MAINLINE OVER WBL
OFF-RAMP TO LAKE SHORE

- STRUCTURAL REHABILITATION OF THE HUMBER RIVER BRIDGES (WBL, EBL, WB ON-RAMP, WB OFF-RAMP, LAKE SHORE EB, LAKESHORE WB)

CONTRACT G - A4
2019
\$ 11.6 M

CONTRACT G2
2016 ~ 2017
\$ 7.2 M *

CONTRACT SECTIONS
(TOTAL 8 CONTRACTS)

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE EAST MALL OVERPASS
- STRUCTURAL REHABILITATION OF N & S-E RAMP OVER THE EAST MALL
- STRUCTURAL REHABILITATION OF WICKMAN ROAD AND CPR OVERPASS
- STRUCTURAL REHABILITATION OF N & S-W OVER MIMICO CREEK
- IMPROVEMENTS TO THE KIPLING AVENUE AND ISLINGTON AVENUE RAMPS AND INTERCHANGES AND WIDENING OF THE MAINLINE BETWEEN ISLINGTON AND PARK LAWN AS PART OF THE GARDINER WEST (PARK LAWN - HIGHWAY 427) EA
- REPLACEMENT OF SUB-STANDARD BARRIERS ON RETAINING WALLS

- STRUCTURAL REHABILITATION OF THE WINDERMERE AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE ELLIS AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE COLBORNE LODGE DRIVE (HOWARD AVENUE) OVERPASS
- STRUCTURAL REHABILITATION OF THE PARKSIDE DRIVE OVERPASS
- EXPRESSWAY IMPROVEMENTS STA 195+00 (HUMBER RIVER) TO STA 226+00 (DOWLING AVENUE)
- STRUCTURAL REHABILITATION OF RETAINING WALLS EXCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS

- PATCHING PROGRAM
 - THE EAST MALL OVERPASS
 - N & S-E RAMP OVER THE EAST MALL
 - WICKMAN & CPR OVERPASS
 - KIPLING AVENUE UNDERPASS
 - ISLINGTON AVENUE UNDERPASS
 - ROYAL YORK ROAD UNDERPASS
 - GRAND AVENUE UNDERPASS
 - PARK LAWN ROAD OVERPASS
 - EB OFF-RAMP OVER WB OFF-RAMP
 - WINDERMERE AVENUE OVERPASS
 - ELLIS AVENUE OVERPASS
 - COLBORNE LODGE DRIVE OVERPASS
 - PARKSIDE DRIVE OVERPASS
- REPLACEMENT OF DUFFERIN STREET UNDERPASS (UNDER APPROVED EA)
- REPLACEMENT OF DOWLING AVENUE UNDERPASS (UNDER PROPOSED EA)
- EXPRESSWAY IMPROVEMENTS STA 226+00 (DOWLING AVENUE)
TO STA 241+00 (ELEVATED SECTION WEST ABUTMENT)

* COST ESTIMATE EXCLUDES DUFFERIN AVENUE & DOWLING AVENUE
BRIDGE REPLACEMENTS

PAVEMENT RESURFACING PROGRAM									
YEAR	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
COST (\$ M)	1.9	-	2.2	1.9	1.9	-	2.2	3.8	13.9



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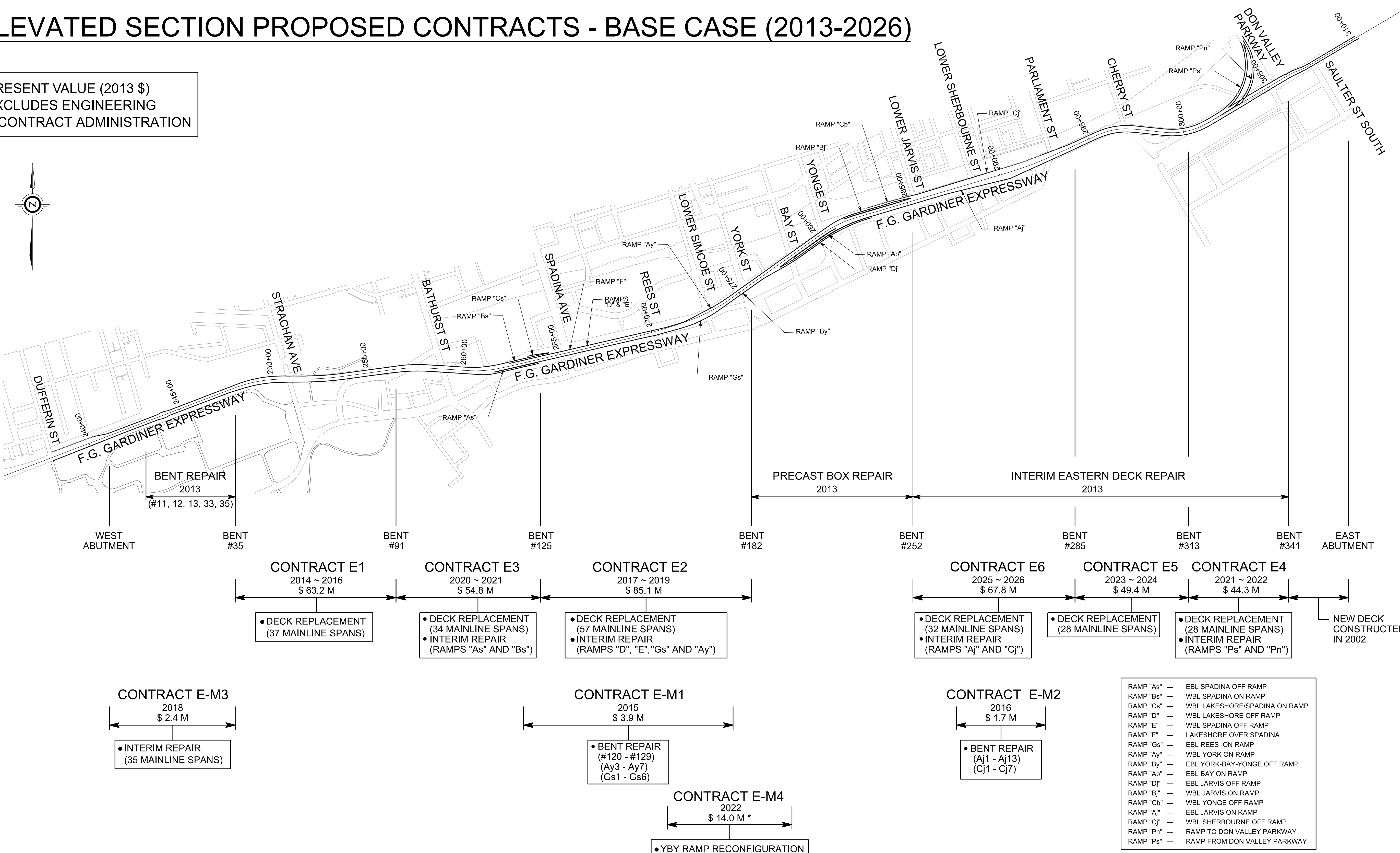
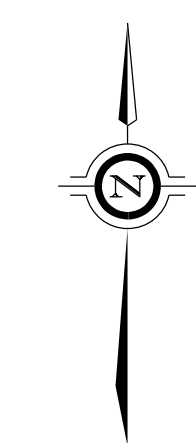
STRATEGIC PLAN FOR REHABILITATION OF F.G. GARDINER EXPRESSWAY APPENDIX C - PROPOSED CONTRACTS

AT-GRADE SECTION PROPOSED CONTRACTS ALTERNATIVE PLAN II

EX - 3

ELEVATED SECTION PROPOSED CONTRACTS - BASE CASE (2013-2026)

- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

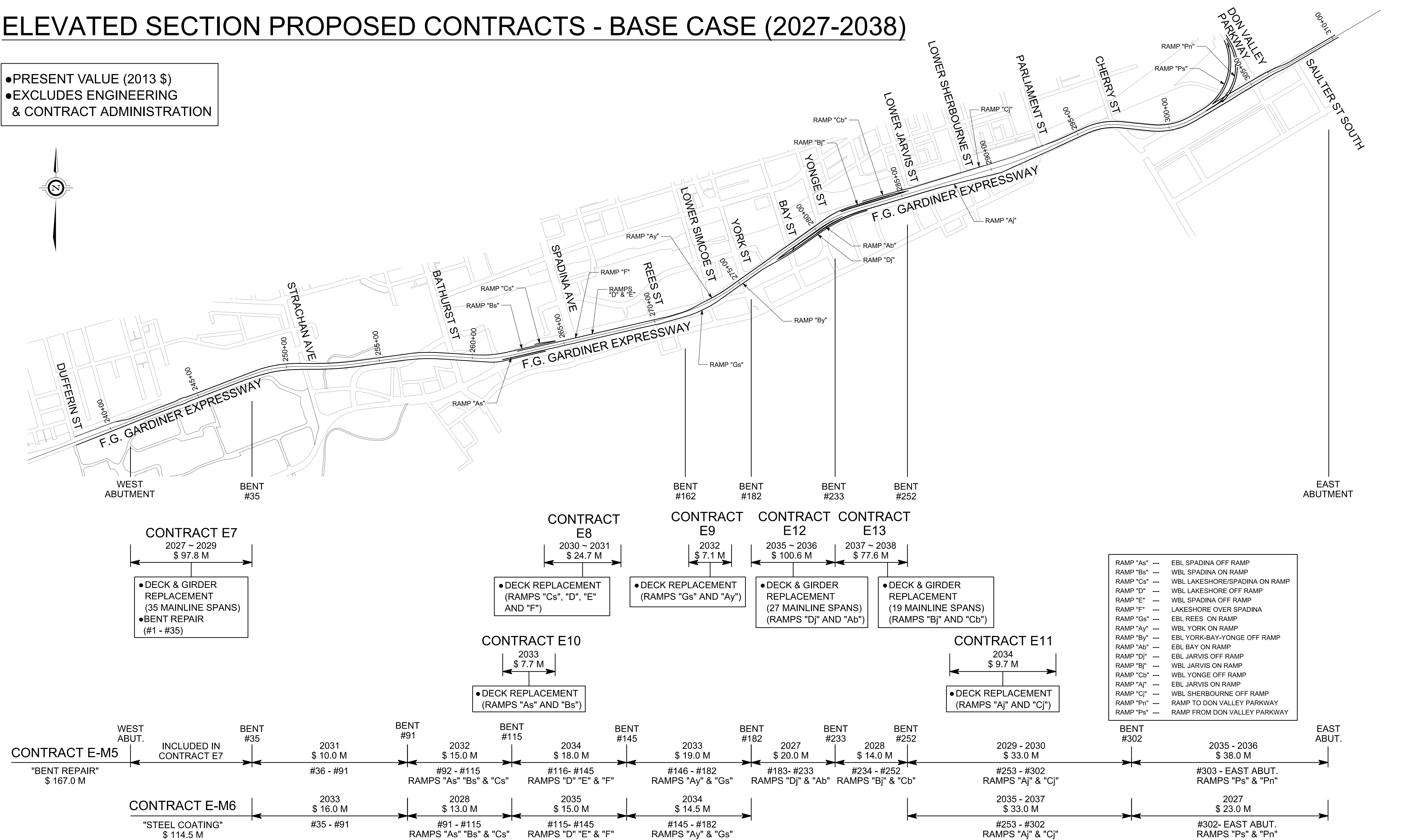


RAMP "As"	EBL SPADINA OFF RAMP
RAMP "Bs"	WBL SPADINA ON RAMP
RAMP "Cs"	WBL LAKESHORE/SPADINA ON RAMP
RAMP "D"	WBL LAKESHORE OFF RAMP
RAMP "E"	WBL SPADINA OFF RAMP
RAMP "F"	LAKESHORE OVER SPADINA
RAMP "Gs"	EBL REES ON RAMP
RAMP "Ay"	WBL YORK ON RAMP
RAMP "By"	EBL YORK-BAY-YONGE OFF RAMP
RAMP "Ab"	EBL BAY ON RAMP
RAMP "Dj"	EBL JARVIS OFF RAMP
RAMP "Bj"	WBL JARVIS ON RAMP
RAMP "Cb"	WBL YONGE OFF RAMP
RAMP "Aj"	EBL JARVIS ON RAMP
RAMP "Cj"	WBL SHERBOURNE OFF RAMP
RAMP "Pn"	RAMP TO DON VALLEY PARKWAY
RAMP "Ps"	RAMP FROM DON VALLEY PARKWAY

NOTE: COST ESTIMATE BASED ON 2013 DOLLARS.

ELEVATED SECTION PROPOSED CONTRACTS - BASE CASE (2027-2038)

- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



NOTE: COST ESTIMATE BASED ON 2013 DOLLARS.

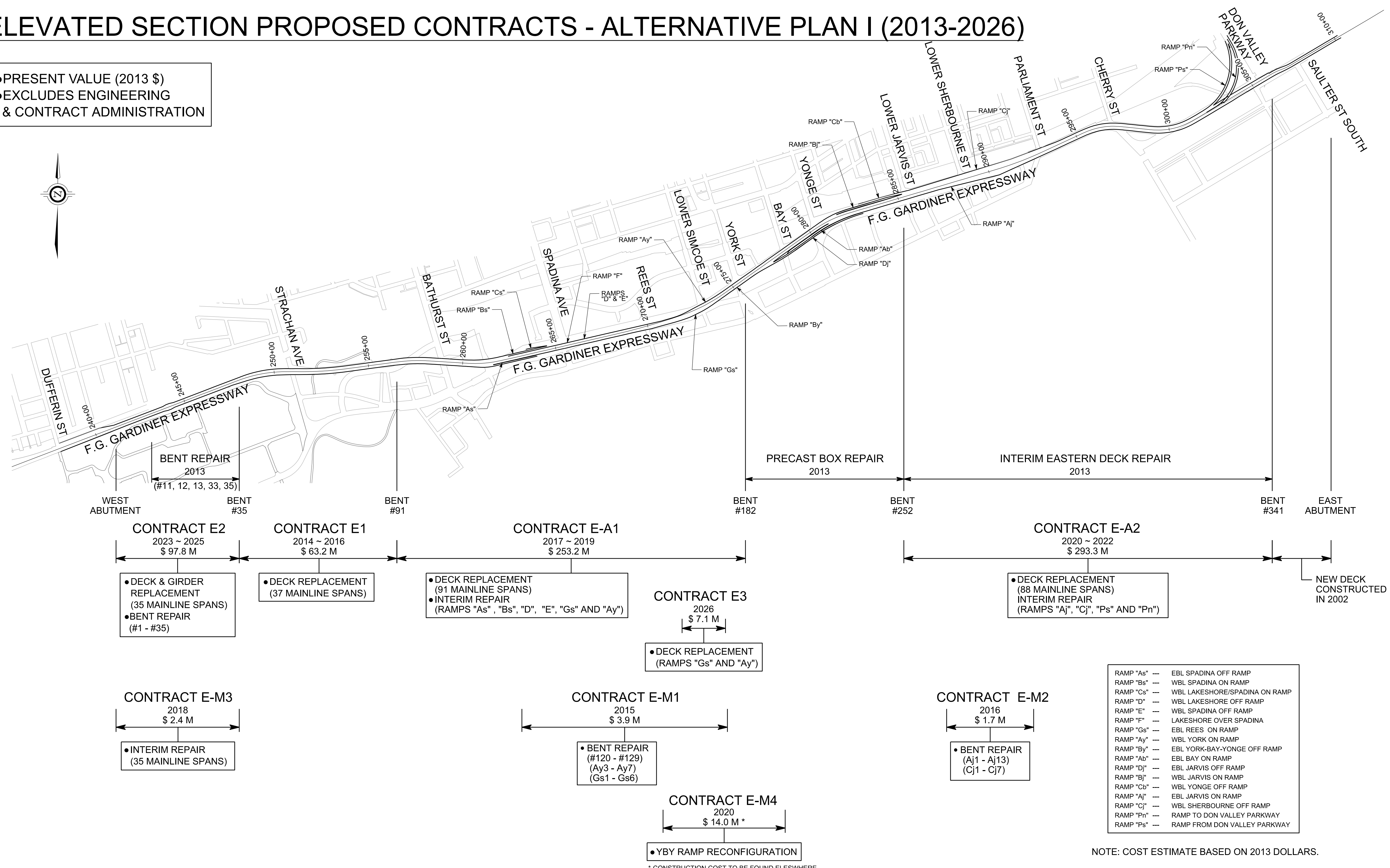
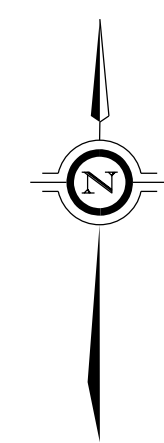


STRATEGIC PLAN FOR REHABILITATION OF
F.G. GARDINER EXPRESSWAY
APPENDIX C - PROPOSED CONTRACTS

ELEVATED SECTION PROPOSED CONTRACTS
BASE CASE (2027-2038)

ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN I (2013-2026)

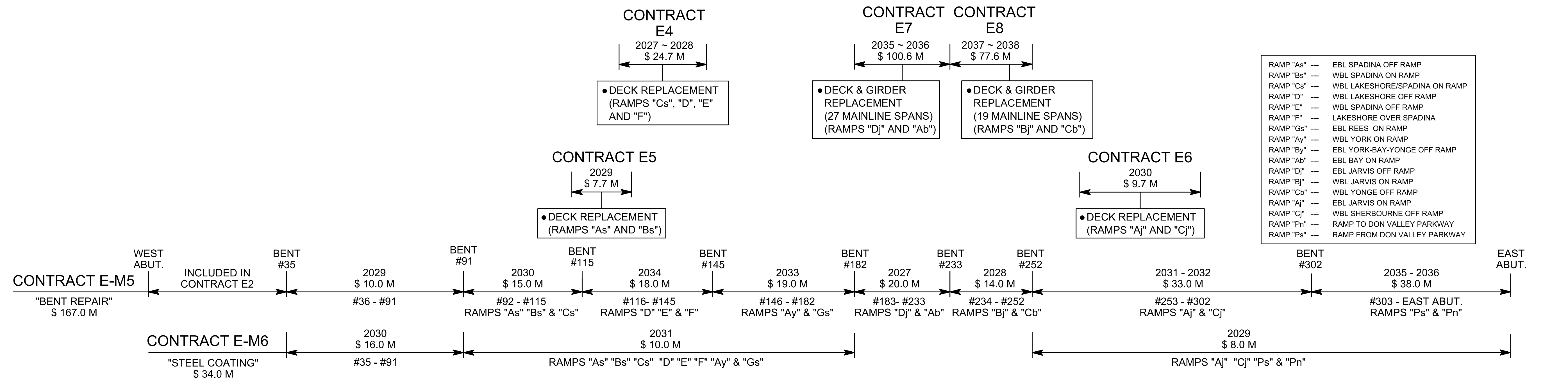
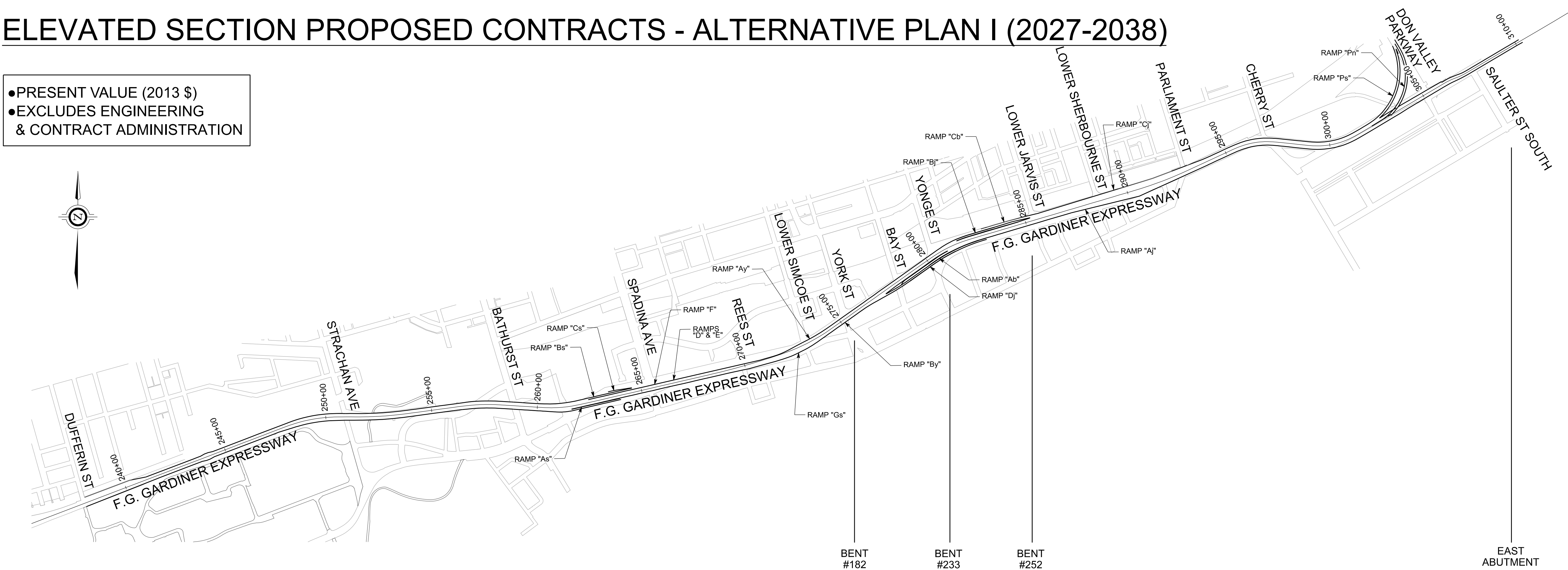
- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



* CONSTRUCTION COST TO BE FOUND ELESWHERE

ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN I (2027-2038)

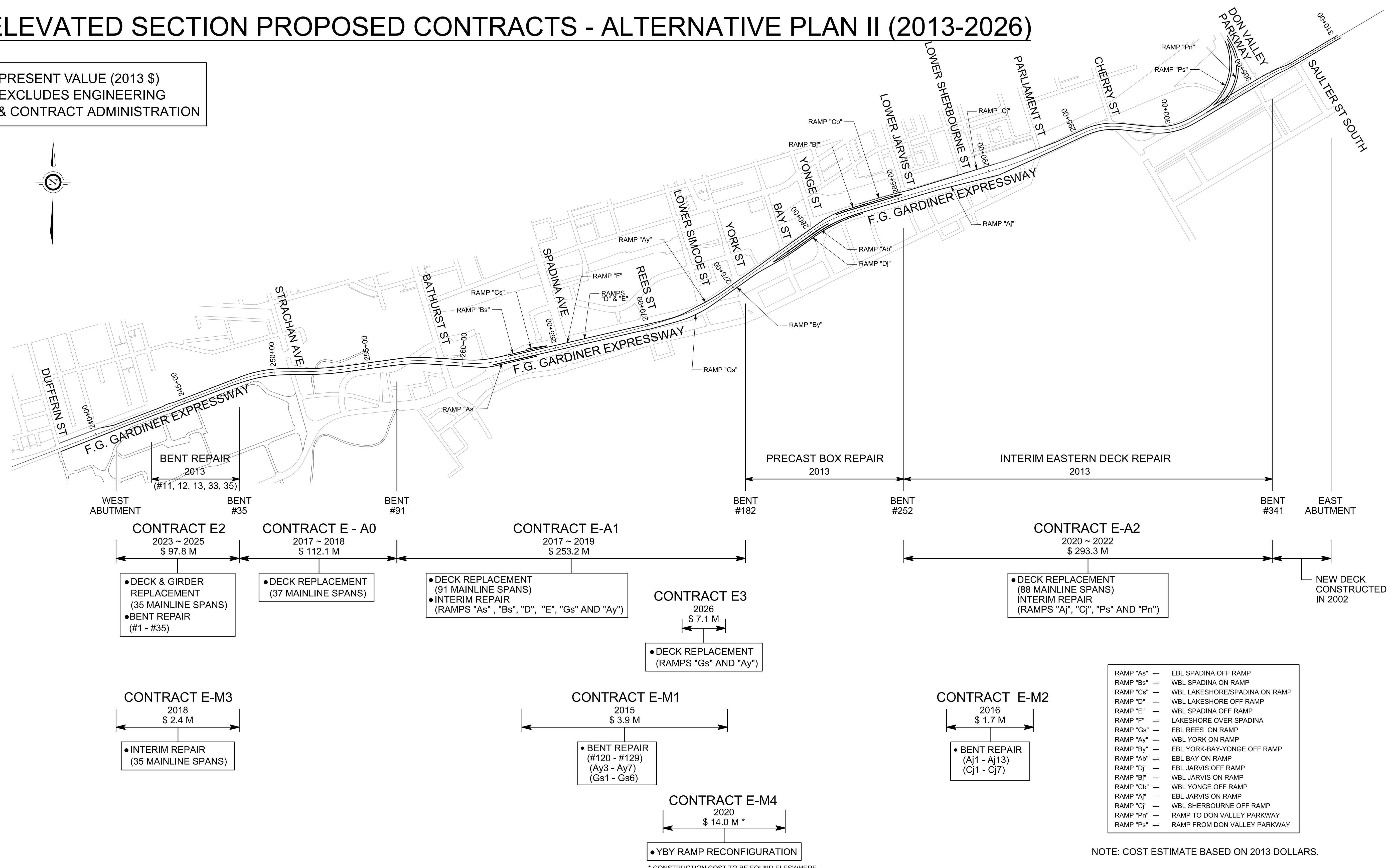
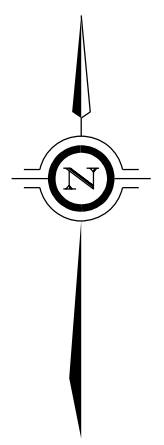
- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



NOTE: COST ESTIMATE BASED ON 2013 DOLLARS.

ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN II (2013-2026)

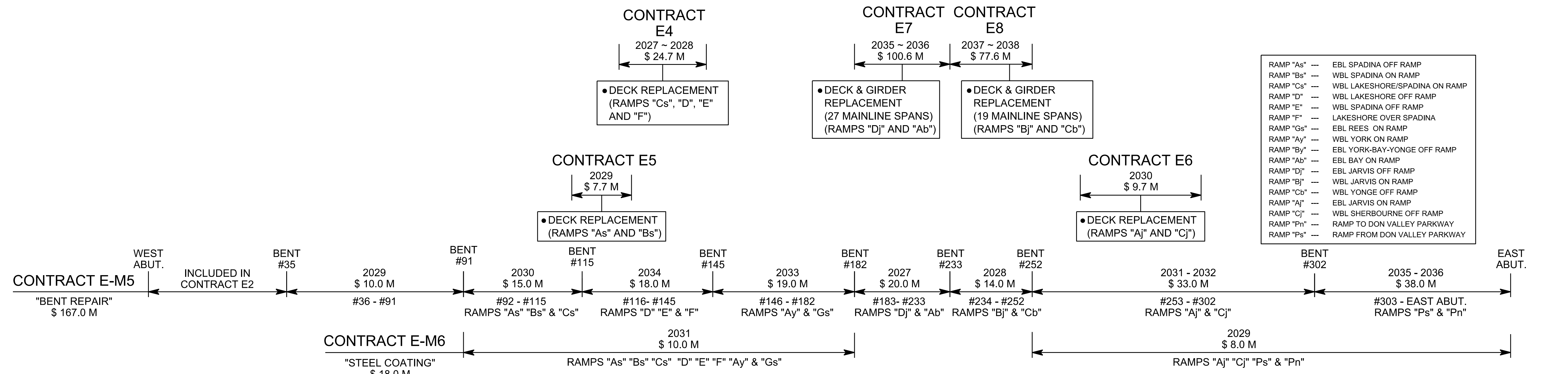
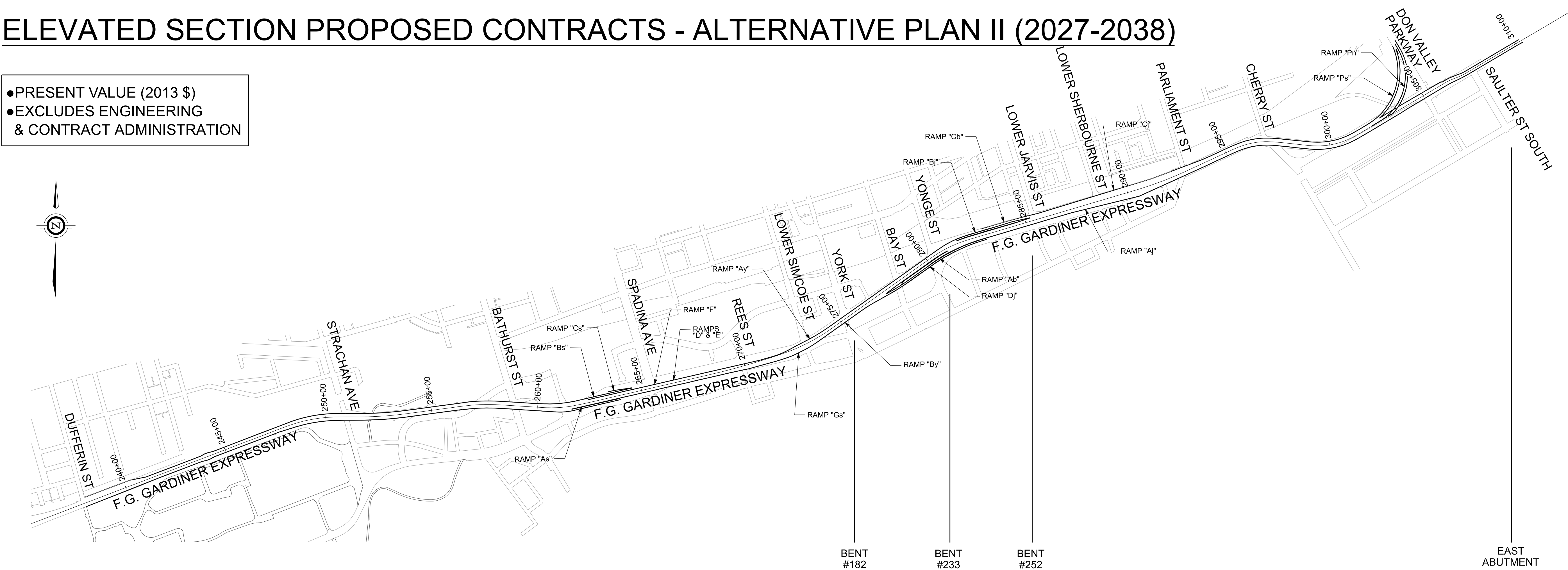
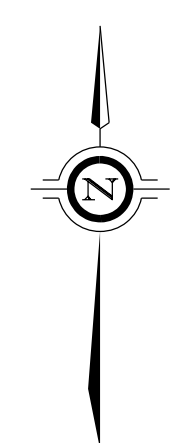
- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



* CONSTRUCTION COST TO BE FOUND ELESWHERE

ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN II (2027-2038)

- PRESENT VALUE (2013 \$)
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



NOTE: COST ESTIMATE BASED ON 2013 DOLLARS.



STRATEGIC PLAN FOR REHABILITATION OF F.G. GARDINER EXPRESSWAY
APPENDIX C - PROPOSED CONTRACTS

ELEVATED SECTION PROPOSED CONTRACTS
ALTERNATIVE PLAN II (2027-2038)

AT-GRADE SECTION PROPOSED CONTRACTS - BASE CASE

** VALUE OF LOWEST BID. (i.e. NO INFLATION)

- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE MIMICO CREEK BRIDGES
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO PARK LAWN DRIVE OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF THE PARK LAWN ROAD OVERPASS
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO LAKE SHORE OVER WESTBOUND OFF-RAMP TO LAKE SHORE
- EXPRESSWAY IMPROVEMENTS WB STA. 172+50 (WESLEY ST) / EB STA. 176+50 (GRAND AVE) TO STA. 195+00 (HUMBER RIVER)

- STRUCTURAL REHABILITATION FOR
- CNR OVERHEAD
 - TTC OVERHEAD
 - MAINLINE OVER WBL OFF-RAMP TO LAKE SHORE

- MEDIAN BARRIER REPLACEMENT (ELLIS AVENUE TO DUFFERIN ST)

CONTRACT G5
2023 ~ 2024
\$ 36.3 M

CONTRACT G1B
2014
\$ 23.9 M **

CONTRACT G1A
2014
\$ 5.1 M **

CONTRACT G6
2030
\$ 23.4 M

- STRUCTURAL REHABILITATION OF THE HUMBER RIVER BRIDGES (WBL, EBL, WB ON-RAMP, WB OFF-RAMP, LAKE SHORE EB, LAKESHORE WB)

CONTRACT G3
2018 ~ 2020
\$ 56.5 M

CONTRACT G4
2021 ~ 2022
\$ 19.0 M

CONTRACT G2
2016 ~ 2017
\$ 7.9 M *

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE EAST MALL OVERPASS
- STRUCTURAL REHABILITATION OF N & S-E RAMP OVER THE EAST MALL
- STRUCTURAL REHABILITATION OF WICKMAN ROAD AND CPR OVERPASS
- STRUCTURAL REHABILITATION OF THE KIPLING AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF THE ISLINGTON AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF N & S-W OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF RETAINING WALLS INCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS
- EXPRESSWAY IMPROVEMENTS FROM STA. 130+00 (HWY 427 / QEW) TO WB STA. 172+50 (WESLEY ST) / EB STA. 176+50 (GRAND AVE)
- IMPROVEMENTS TO THE KIPLING AVENUE AND ISLINGTON AVENUE RAMPS AND INTERCHANGES AND WIDENING OF THE MAINLINE BETWEEN ISLINGTON AND PARK LAWN AS PART OF THE GARDINER WEST (PARK LAWN - HIGHWAY 427) EA

- STRUCTURAL REHABILITATION OF THE ROYAL YORK ROAD UNDERPASS
- STRUCTURAL REHABILITATION OF THE GRAND AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF THE WINDERMERE AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE ELLIS AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE COLBORNE LODGE DRIVE (HOWARD AVENUE) OVERPASS
- STRUCTURAL REHABILITATION OF THE PARKSIDE DRIVE OVERPASS
- EXPRESSWAY IMPROVEMENTS STA 195+00 (HUMBER RIVER) TO STA 226+00 (DOWLING AVENUE)
- STRUCTURAL REHABILITATION OF RETAINING WALLS INCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS

- PATCHING PROGRAM
 - THE EAST MALL OVERPASS
 - N & S-E RAMP OVER THE EAST MALL
 - WICKMAN & CPR OVERPASS
 - KIPLING AVENUE UNDERPASS
 - ISLINGTON AVENUE UNDERPASS
 - ROYAL YORK ROAD UNDERPASS
 - GRAND AVENUE UNDERPASS
 - PARK LAWN ROAD OVERPASS
 - EB OFF-RAMP OVER WB OFF-RAMP
 - WINDERMERE AVENUE OVERPASS
 - ELLIS AVENUE OVERPASS
 - COLBORNE LODGE DRIVE OVERPASS
 - PARKSIDE DRIVE OVERPASS
- REPLACEMENT OF DUFFERIN STREET UNDERPASS (UNDER APPROVED EA)
- REPLACEMENT OF DOWLING AVENUE UNDERPASS (UNDER PROPOSED EA)
- EXPRESSWAY IMPROVEMENTS STA 226+00 (DOWLING AVENUE) TO STA 241+00 (ELEVATED SECTION WEST ABUTMENT)

* COST ESTIMATE EXCLUDES DUFFERIN AVENUE & DOWLING AVENUE BRIDGE REPLACEMENTS



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A member of MMM GROUP



STRATEGIC PLAN FOR REHABILITATION OF
F.G. GARDINER EXPRESSWAY
APPENDIX C - PROPOSED CONTRACTS

AT - GRADE SECTION PROPOSED CONTRACTS
BASE CASE

EX - 10

AT-GRADE SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN I

** VALUE OF LOWEST BID (i.e. NO INFLATION)

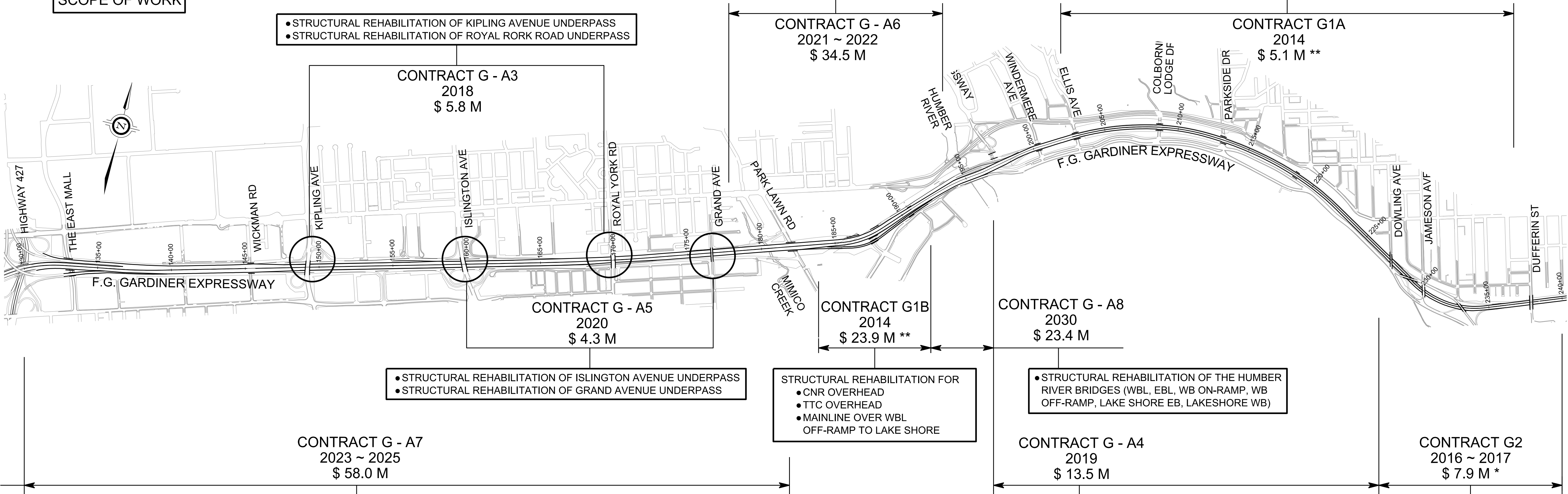
- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF KIPLING AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF ROYAL RORK ROAD UNDERPASS

- STRUCTURAL REHABILITATION OF THE MIMICO CREEK BRIDGES
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO PARK LAWN DRIVE OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF THE PARK LAWN ROAD OVERPASS
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO LAKE SHORE OVER WESTBOUND OFF-RAMP TO LAKE SHORE
- EXPRESSWAY IMPROVEMENTS EB STA. 172+50 WB STA. 176+50 (GRAND AVE) TO STA. 195+00 (HUMBER RIVER)

- MEDIAN BARRIER REPLACEMENT (ELLIS AVENUE TO DUFFERIN ST)



CONTRACT SECTIONS
(TOTAL 8 CONTRACTS)

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF THE EAST MALL OVERPASS
- STRUCTURAL REHABILITATION OF N & S-E RAMP OVER THE EAST MALL
- STRUCTURAL REHABILITATION OF WICKMAN ROAD AND CPR OVERPASS
- STRUCTURAL REHABILITATION OF N & S-W OVER MIMICO CREEK
- IMPROVEMENTS TO THE KIPLING AVENUE AND ISLINGTON AVENUE RAMPS AND INTERCHANGES AND WIDENING OF THE MAINLINE BETWEEN ISLINGTON AND PARK LAWN AS PART OF THE GARDINER WEST (PARK LAWN - HIGHWAY 427) EA
- REPLACEMENT OF SUB-STANDARD BARRIERS ON RETAINING WALLS

- STRUCTURAL REHABILITATION FOR
- CNR OVERHEAD
 - TTC OVERHEAD
 - MAINLINE OVER WBL OFF-RAMP TO LAKE SHORE

- STRUCTURAL REHABILITATION OF THE HUMBER RIVER BRIDGES (WBL, EBL, WB ON-RAMP, WB OFF-RAMP, LAKE SHORE EB, LAKESHORE WB)

- STRUCTURAL REHABILITATION OF THE WINDERMERE AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE ELLIS AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE COLBORNE LODGE DRIVE (HOWARD AVENUE) OVERPASS
- STRUCTURAL REHABILITATION OF THE PARKSIDE DRIVE OVERPASS
- EXPRESSWAY IMPROVEMENTS STA 195+00 (HUMBER RIVER) TO STA 226+00 (DOWLING AVENUE)
- STRUCTURAL REHABILITATION OF RETAINING WALLS EXCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS

- PATCHING PROGRAM
 - THE EAST MALL OVERPASS
 - N & S-E RAMP OVER THE EAST MALL
 - WICKMAN & CPR OVERPASS
 - KIPLING AVENUE UNDERPASS
 - ISLINGTON AVENUE UNDERPASS
 - ROYAL YORK ROAD UNDERPASS
 - GRAND AVENUE UNDERPASS
 - PARK LAWN ROAD OVERPASS
 - EB OFF-RAMP OVER WB OFF-RAMP
 - WINDERMERE AVENUE OVERPASS
 - ELLIS AVENUE OVERPASS
 - COLBORNE LODGE DRIVE OVERPASS
 - PARKSIDE DRIVE OVERPASS
- REPLACEMENT OF DUFFERIN STREET UNDERPASS (UNDER APPROVED EA)
- REPLACEMENT OF DOWLING AVENUE UNDERPASS (UNDER PROPOSED EA)
- EXPRESSWAY IMPROVEMENTS STA 226+00 (DOWLING AVENUE) TO STA 241+00 (ELEVATED SECTION WEST ABUTMENT)

* COST ESTIMATE EXCLUDES DUFFERIN AVENUE & DOWLING AVENUE BRIDGE REPLACEMENTS

PAVEMENT RESURFACING PROGRAM

YEAR	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
COST (\$ M)	1.9	-	2.4	2.1	2.1	-	2.6	4.6	15.8



McCORMICK RANKIN
A member of MMM GROUP



STRATEGIC PLAN FOR REHABILITATION OF
F.G. GARDINER EXPRESSWAY
APPENDIX C - PROPOSED CONTRACTS

AT-GRADE SECTION PROPOSED CONTRACTS
ALTERNATIVE PLAN I

EX -11

AT-GRADE SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN II

** VALUE OF LOWEST BID (i.e. NO INFLATION)

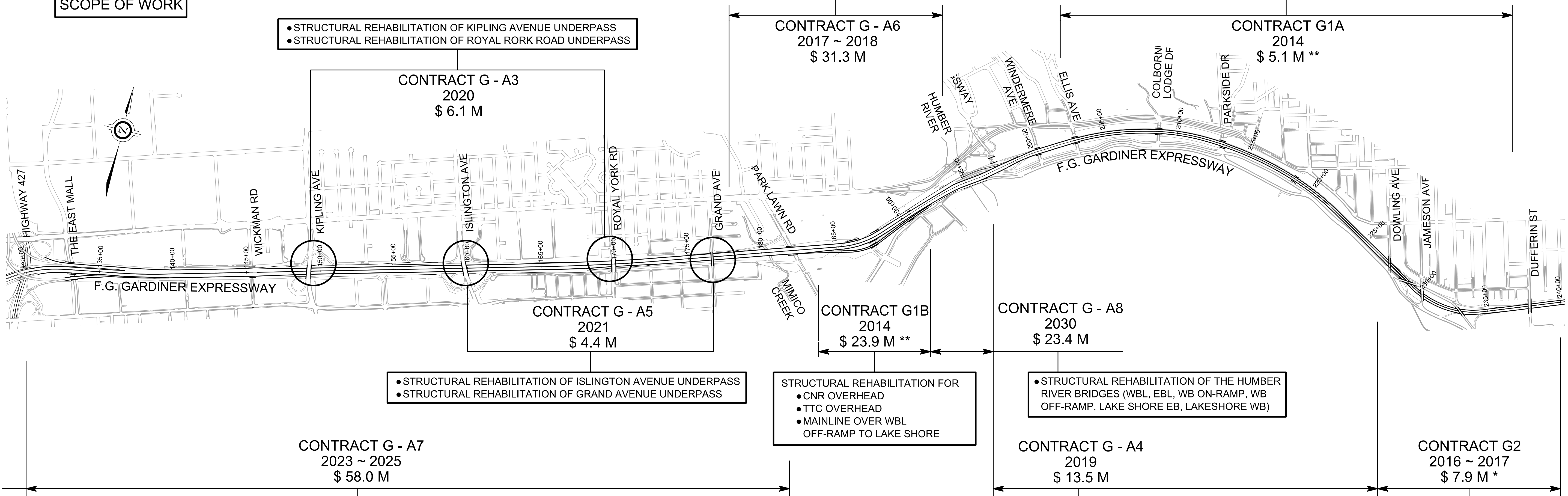
- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF KIPLING AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF ROYAL RORK ROAD UNDERPASS

- STRUCTURAL REHABILITATION OF THE MIMICO CREEK BRIDGES
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO PARK LAWN DRIVE OVER MIMICO CREEK
- STRUCTURAL REHABILITATION OF THE PARK LAWN ROAD OVERPASS
- STRUCTURAL REHABILITATION OF THE EASTBOUND OFF-RAMP TO LAKE SHORE OVER WESTBOUND OFF-RAMP TO LAKE SHORE
- EXPRESSWAY IMPROVEMENTS EB STA. 172+50 WB STA. 176+50 (GRAND AVE) TO STA. 195+00 (HUMBER RIVER)

- MEDIAN BARRIER REPLACEMENT (ELLIS AVENUE TO DUFFERIN ST)



CONTRACT SECTIONS
(TOTAL 8 CONTRACTS)

SCOPE OF WORK

- STRUCTURAL REHABILITATION OF ISLINGTON AVENUE UNDERPASS
- STRUCTURAL REHABILITATION OF GRAND AVENUE UNDERPASS

- STRUCTURAL REHABILITATION FOR
- CNR OVERHEAD
 - TTC OVERHEAD
 - MAINLINE OVER WBL OFF-RAMP TO LAKE SHORE

- STRUCTURAL REHABILITATION OF THE HUMBER RIVER BRIDGES (WBL, EBL, WB ON-RAMP, WB OFF-RAMP, LAKE SHORE EB, LAKESHORE WB)

- STRUCTURAL REHABILITATION OF THE EAST MALL OVERPASS
- STRUCTURAL REHABILITATION OF N & S-E RAMP OVER THE EAST MALL
- STRUCTURAL REHABILITATION OF WICKMAN ROAD AND CPR OVERPASS
- STRUCTURAL REHABILITATION OF N & S-W OVER MIMICO CREEK
- IMPROVEMENTS TO THE KIPLING AVENUE AND ISLINGTON AVENUE RAMPS AND INTERCHANGES AND WIDENING OF THE MAINLINE BETWEEN ISLINGTON AND PARK LAWN AS PART OF THE GARDINER WEST (PARK LAWN - HIGHWAY 427) EA
- REPLACEMENT OF SUB-STANDARD BARRIERS ON RETAINING WALLS

- STRUCTURAL REHABILITATION OF THE WINDERMERE AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE ELLIS AVENUE OVERPASS
- STRUCTURAL REHABILITATION OF THE COLBORNE LODGE DRIVE (HOWARD AVENUE) OVERPASS
- STRUCTURAL REHABILITATION OF THE PARKSIDE DRIVE OVERPASS
- EXPRESSWAY IMPROVEMENTS STA 195+00 (HUMBER RIVER) TO STA 226+00 (DOWLING AVENUE)
- STRUCTURAL REHABILITATION OF RETAINING WALLS EXCLUDING REPLACEMENT OF SUB-STANDARD TRAFFIC BARRIERS

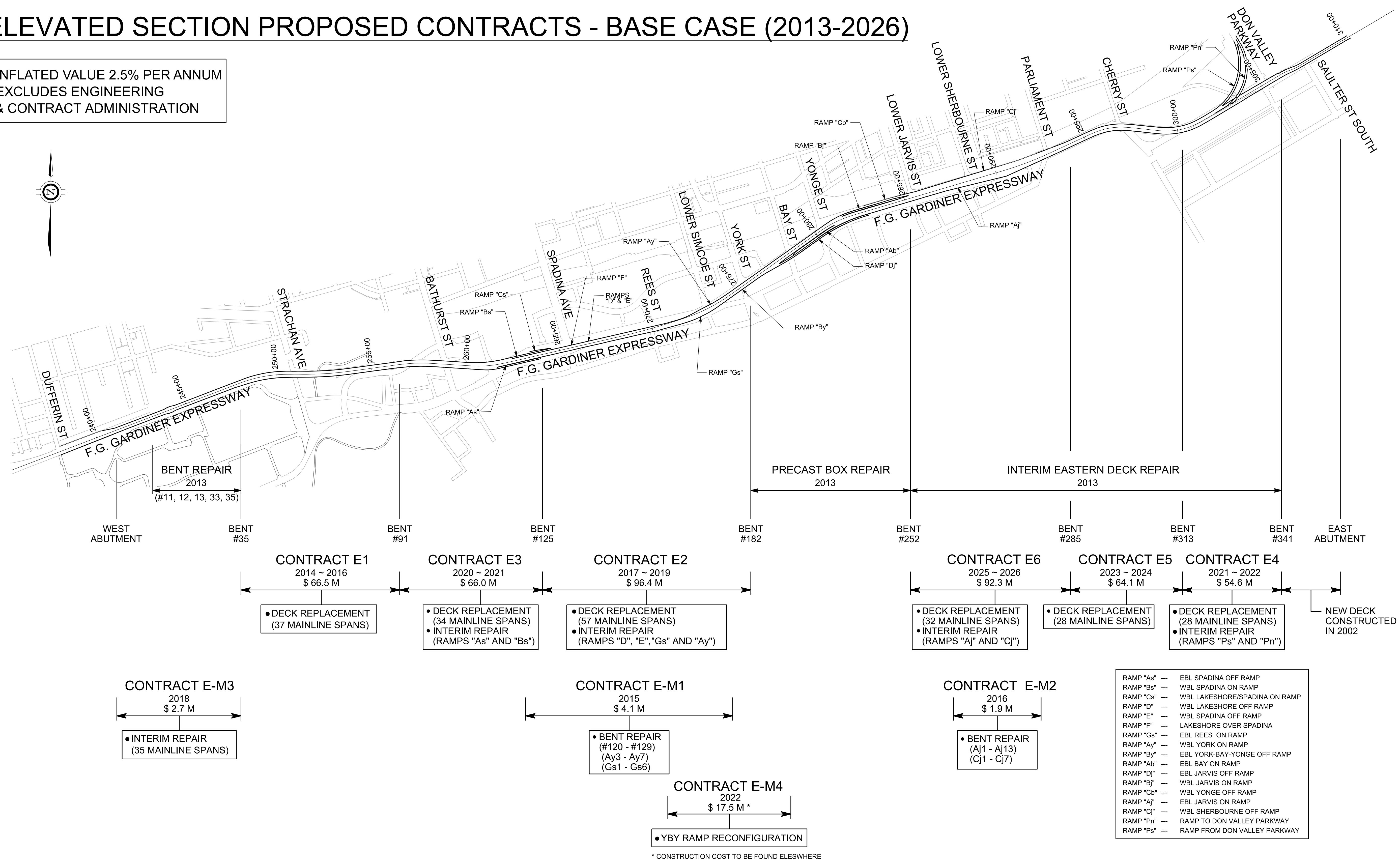
- PATCHING PROGRAM
 - THE EAST MALL OVERPASS
 - N & S-E RAMP OVER THE EAST MALL
 - WICKMAN & CPR OVERPASS
 - KIPLING AVENUE UNDERPASS
 - ISLINGTON AVENUE UNDERPASS
 - ROYAL YORK ROAD UNDERPASS
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PAVEMENT RESURFACING PROGRAM									
YEAR	2014	2015	2016	2017	2018	2019	2020	2021	TOTAL
COST (\$ M)	1.9	-	2.4	2.1	2.1	-	2.6	4.6	15.8

* COST ESTIMATE EXCLUDES DUFFERIN AVENUE & DOWLING AVENUE BRIDGE REPLACEMENTS

ELEVATED SECTION PROPOSED CONTRACTS - BASE CASE (2013-2026)

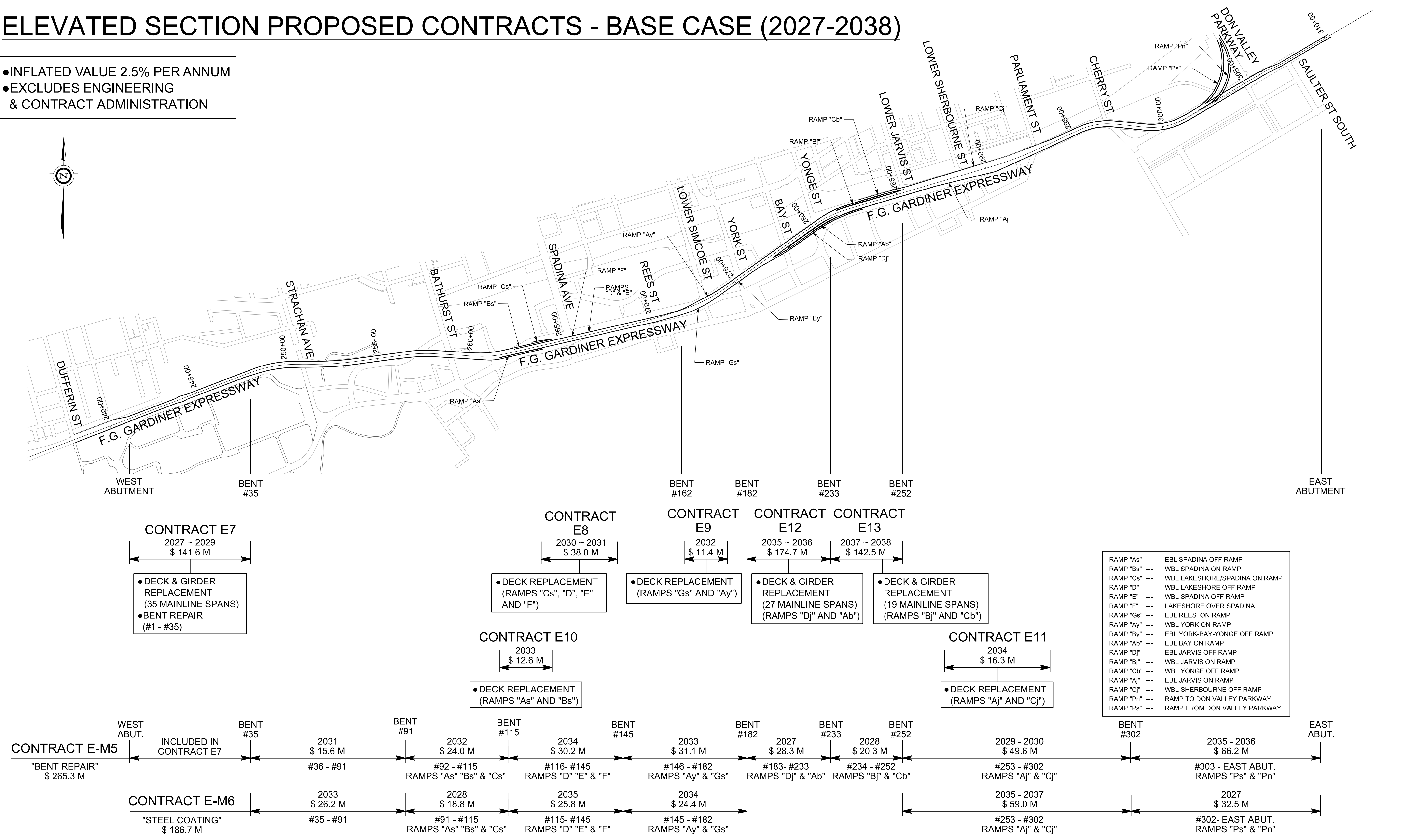
- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



* CONSTRUCTION COST TO BE FOUND ELESWHERE

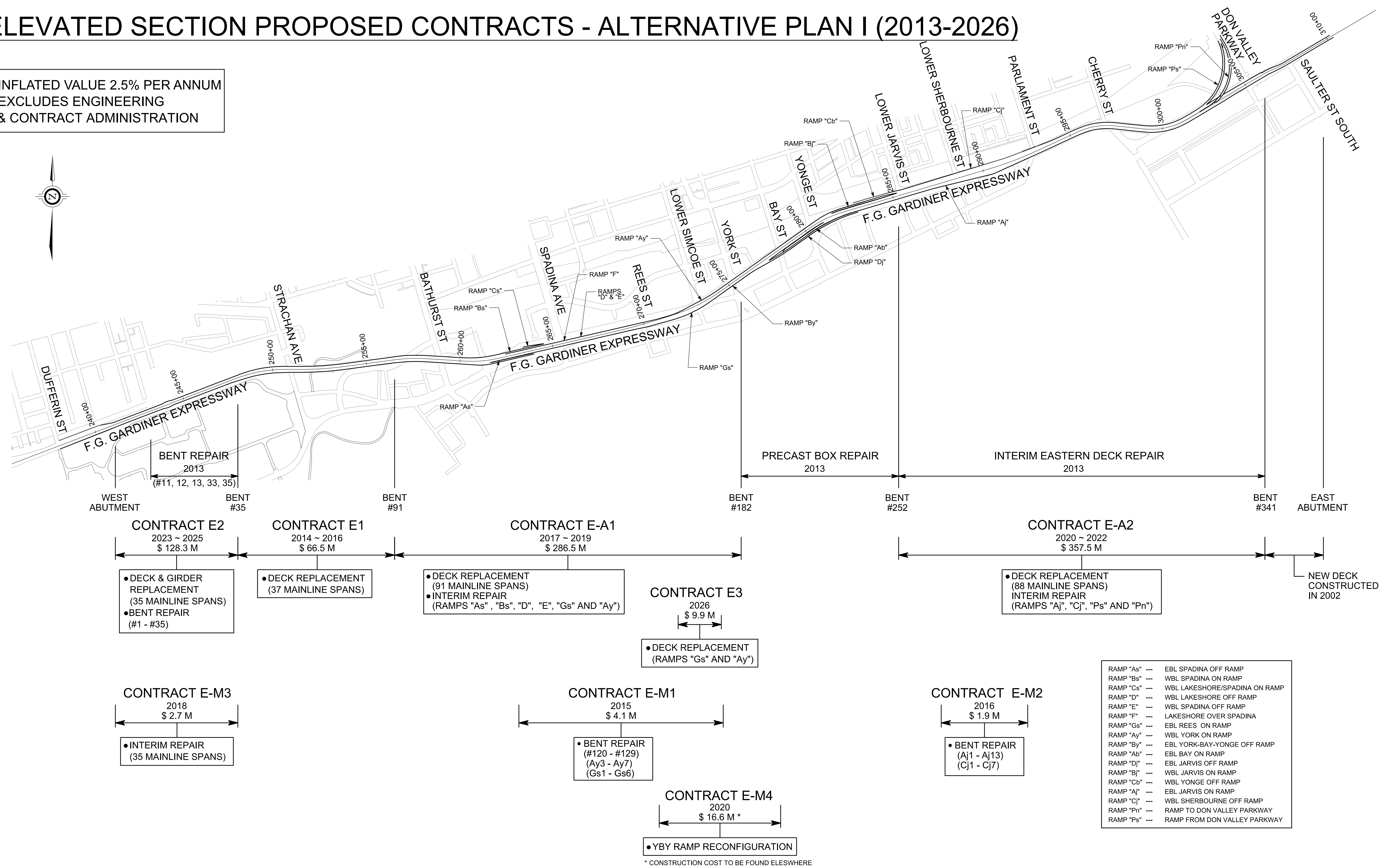
ELEVATED SECTION PROPOSED CONTRACTS - BASE CASE (2027-2038)

- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



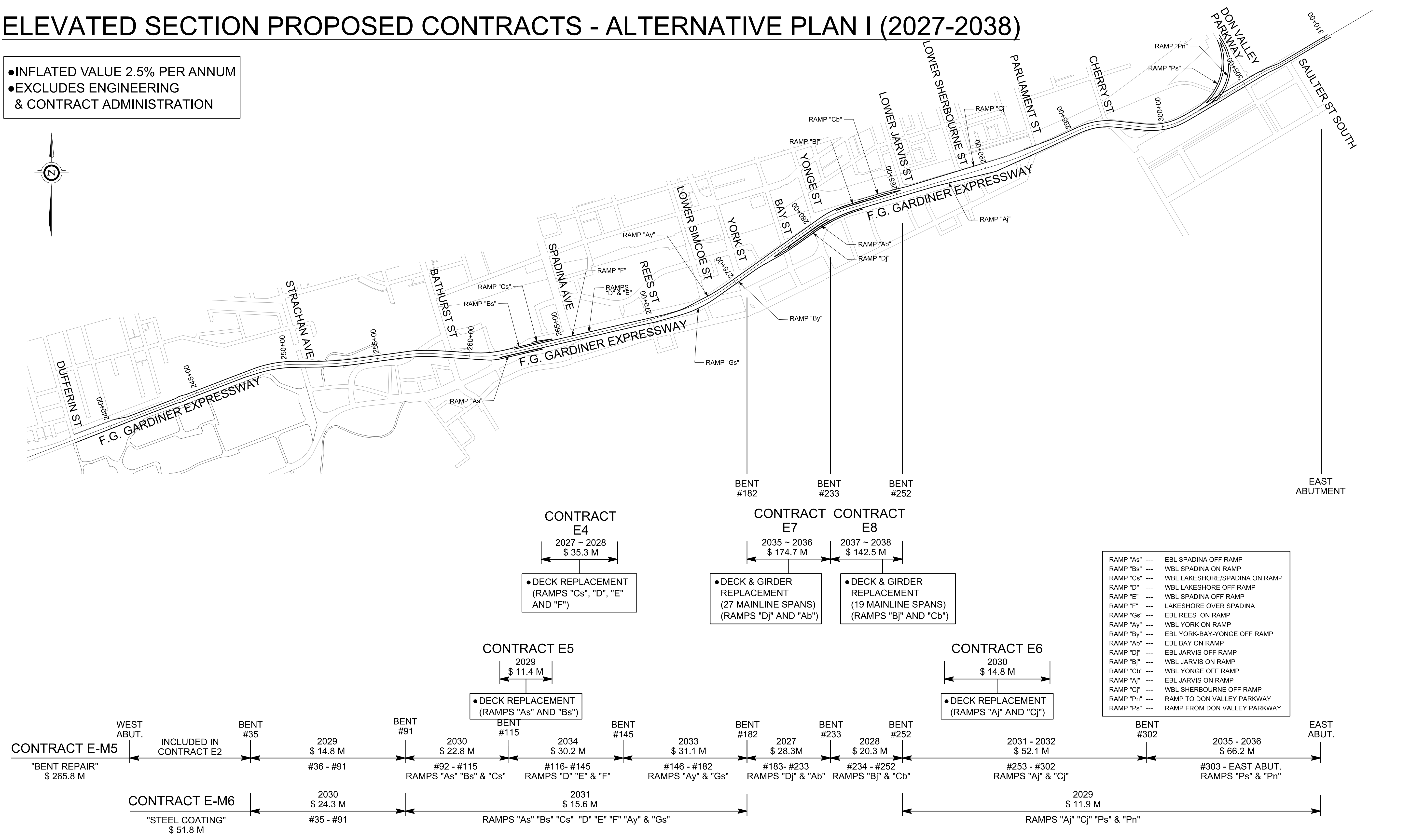
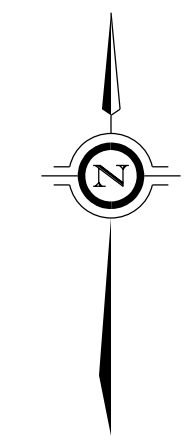
ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN I (2013-2026)

- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



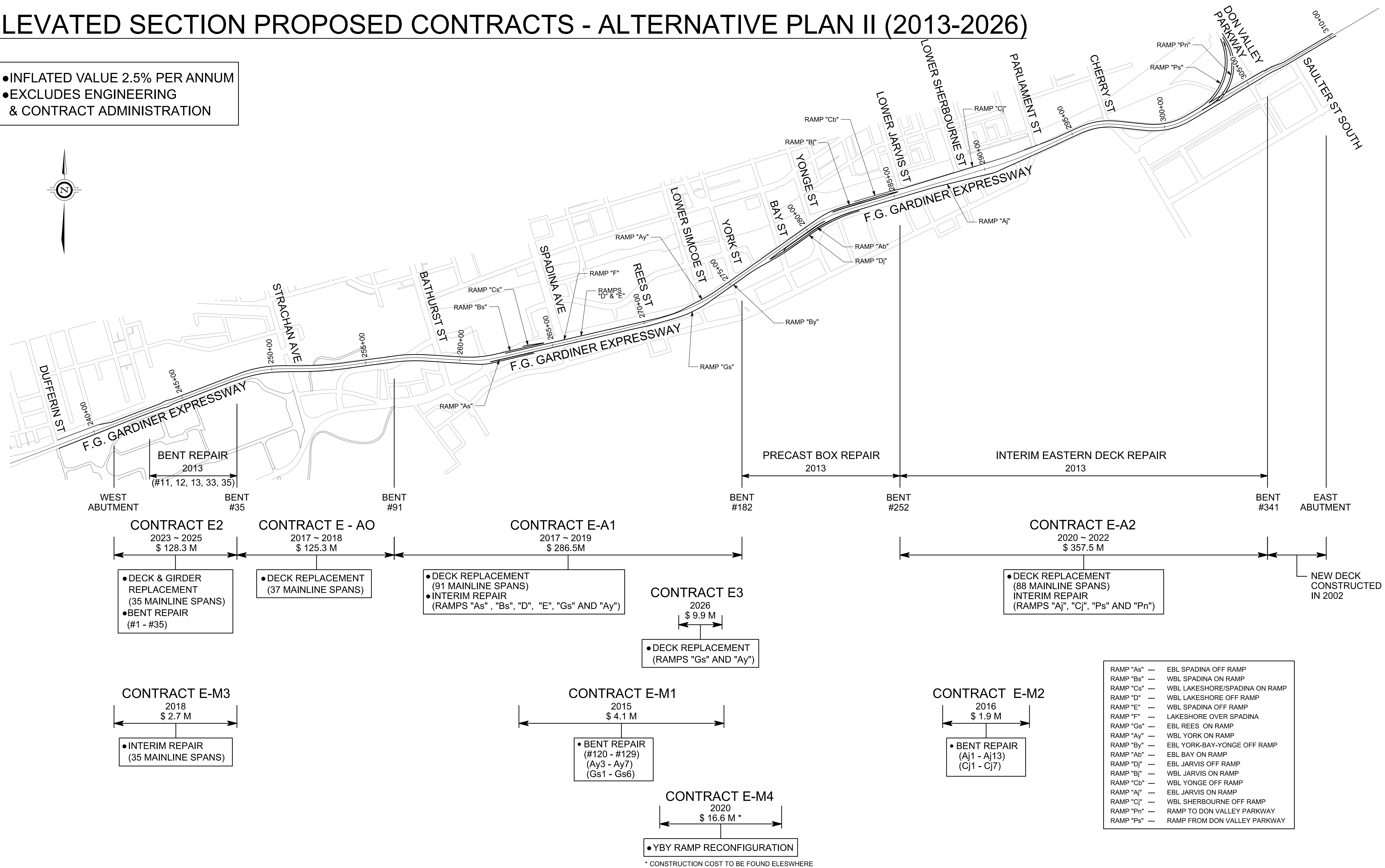
ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN I (2027-2038)

- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN II (2013-2026)

- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION



ELEVATED SECTION PROPOSED CONTRACTS - ALTERNATIVE PLAN II (2027-2038)

- INFLATED VALUE 2.5% PER ANNUM
- EXCLUDES ENGINEERING & CONTRACT ADMINISTRATION

