Serial Number: IFB FQ18064/GG Date of Issue: April 13, 2018 IFB Due Date: June 13, 2018

# WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY 600 FIFTH STREET, N.W. WASHINGTON, D.C. 20001

June 5, 2018

# AMENDMENT NO. 4 TO INVITATION FOR BIDS FOR

REHABILITATION OF 6 PARKING GARAGES – LARGO TOWN CENTER (NORTH), LARGO TOWN CENTER (SOUTH), NEW CARROLTON, VIENNA (NORTH), WEST FALLS CHURCH AND WHITE FLINT FQ18064/GG

### TO WHOM IT MAY CONCERN:

The Invitation for Bid for IFB FQ18064/GG requesting Bids for the above project is hereby changed in part as listed below.

1. Volume 1, Div 0 – Bidding and Contracting Requirements

Delete the following pages and in lieu thereof substitute the accompanying pages:

<u>DELETE</u> <u>SUBSTITUTE</u> <u>DESCRIPTION</u>

Section 00103 Section 00103

Project Bid Schedule Project Bid Schedule Revised

2. Volume 1 – Division 1-16 – Technical Specifications

<u>DELETE</u> <u>SUBSTITUTE</u> <u>DESCRIPTION</u>

p. 5 Appendix F, p. 5 Appendix F, Revised

Measurement of Quantities Measurement of Quantities

3. Volume 2 – IFB Drawings

D13-S-129	LEVEL 8 - PARTIAL FRAMING PLAN 1	
G05-S-110	LEVEL 5 - FRAMING PLAN	Revised
G05-S-111	LEVEL 6 - FRAMING PLAN	Revised
K06-S-121	LEVEL 6 - PARTIAL FRAMING PLAN 1	Revised

## 4. Acknowledgment

Bidders are required to acknowledge receipt of this Amendment on Bid Form in the spaces provided. Failure to acknowledge all Amendments may cause the Bid to be considered non responsive to the IFB, which would require rejection of the Bid.

Norie Calvert

Contracting Officer
Office of Procurement

\* \* \*

#### REHABILITATION OF WMATA PARKING FACILITIES WEST FALLS CHURCH UNIT PRICE SCHEDULE (BASE BID) **QUANTITY** Unit **Unit Price** Item **Description Total Price** No 1 **MOBILIZATION** 1 LS \$ \$ 1 \$ \$ 2 REHABILITATION OF WEST LS FALLS CHURCH PARKING GARAGE, INCLUDES WORK NOT SPECIFIED UNDER UNIT PRICE ITEMS 3 **QUALITY CONTROL** 1 LS \$ \$ **ENGINEERING SERVICES** PER SECTION 01470 OF **TECHNICAL SPECIFICATIONS** 4 TYPICAL SEALANT REPAIR 3692 LF \$ \$ AT TOOLED JOINT, SEE **DETAIL 2/S501** 5 TYPICAL SEALANT REPAIR 19.500 LF \$ \$ AT DOUBLE TEE BEAM JOINT, SEE DETAIL 3/S502 TYPICAL DOUBLE TEE BEAM SF 6 62 \$ \$ FLANGE SPALL WITH SEALANT DETAIL, SEE DETAIL 4/S502 7 TYPICAL DOUBLE TEE BEAM SF \$ \$ 449 FLANGE SPALL REPAIR DETAIL, SEE DETAIL 5/S504 5/S503 8 TYPICAL VERTICAL JOINT 4 LF \$ \$ SEALANT REPAIR, SEE DETAIL 6/S503 9 TYPICAL UNDERSIDE CRACK 2212 LF \$ \$ REPAIR, SEE DETAIL 7/S504 10 TYPICAL TOP SIDE CRACK 3071 LF \$ \$ REPAIR, SEE DETAIL 8/S504 11 TYPICAL VERTICAL CRACK 395 LF \$ \$ REPAIR, SEE DETAIL 9/S505 TYPICAL VERTICAL SPALL SF \$ \$ 12 26 REPAIR, SEE DETAIL 10/S505 TYPICAL CONCRETE TOP 13 57 SF SIDE SPALL REPAIR, SEE **DETAIL 11 ON DRAWING S-**506.

Washington Metropolitan Area Transit Authority
Rehabilitation of WMATA Parking Facilities

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	SHALL BE REPAIRED, SEE DETAIL 31/S515			
0.4	LOCATIONS MADIZED ON			
24	LOCATIONS MARKED ON PLANS WITH CORRODED/MISSING ANCHOR BOLTS SHALL BE INSTALLED WITH NEW ANCHOR BOLTS AND PAINTED, SEE DETAIL 32/S515	2	EA	\$ \$
25	REPLACE PARKING GARAGE STOP CURB, SEE DETAIL 33/S516	39	EA	\$ \$
26	TYPCIAL SILANE SEALER COATING SYSTEM, SEE DETAIL 39/S519	321640	SF	\$ \$
27	TYPICAL MINOR LONGITUDINAL CRACK AT UNDERSIDE OF DOUBLE TEE, SEE DETAIL 40/S519	65	LF	\$ \$
28	CORROSION ON PIPE GUARD 1E, SEE DWG. A-002	12	PCS	\$ \$
29	CORROSION ON HANDRAIL 1F, SEE DWG. A-002	24	LFT	\$ \$
30	CORROSION ON SIGN POST 1J, SEE DWG. A-002	6	PCS	\$ \$
31	DISLODGED SIGNPOST 2B, SEE DWG. A-002	4	PCS	\$ \$
32	DAMAGED/ MISALIGNED DOOR 2C, SEE DWG. A-002	2	PCS	\$ \$
33	DAMAGED/ MISALIGNED DOOR CLOSER 2D, SEE DWG. A-002	2	PCS	\$ \$
34	DISLODGED WHEELSTOP 2E, SEE DWG. A-002	26	PCS	\$ \$
35	DETACHED STOREFRONT MULLIONS 3A, SEE DWG. A- 002	29	LFT	\$ \$
36	CHIPPED/ PEELED PAINT ON BOLLARD 4A, SEE DWG. A- 002	5	PCS	\$ \$
37	CHIPPED/ PEELED PAINT ON PIPE GUARD 4B, SEE DWG. A-002	9	PCS	\$ \$

Washington Metropolitan Area Transit Authority
Rehabilitation of WMATA Parking Facilities

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38	CHIPPED/ PEELED PAINT ON	1148	SF	\$	\$
	HANDRAIL 4C, SEE DWG. A-				
20	002 FADED OR MISSING	0	SF	\$	\$
39	PAVEMENT STOP BAR 5A,	0	SF	Ф	Ф
	SEE DWG. A-002				
40	FADED OR DOUBLE ADA	0	PCS	\$	\$
70	PAVEMENT MARKING 5B,		1 00	Ψ	Ψ
	SEE DWG. A-002				
41	FADED OR DOUBLE-	0	SF	\$	\$
	PARKING STRIPE 5C, SEE				
	DWG. A-002				
42	FADED NO PARKING	0	SF	\$	\$
	STRIPING 5D, SEE DWG. A-				
	002				
43	FADED OR UNREADABLE	4	PCS	\$	\$
	SIGN 5E, SEE DWG. A-002				
44	FADED OR MISSING	<del>30</del> 0	LF	\$	\$
	PAVEMENT ARROWS 5F,				
	SEE DWG. A-002				
45	FADED OR SCRATCHED	<del>119</del> 0	LF	\$	\$
	CURB PAINT 5G, SEE DWG.				
40	A-002	0.470	05	Φ.	Φ.
46	FADED CROSSWALK 5H, SEE	<del>217</del> 0	SF	\$	*
47	DWG. A-002	158	LF	\$	\$
47	DAMAGED SEALANT 6A, SEE DWG. A-002	156	LF	Ф	Ф
48	MISSING HARDWARE 7C,	1	SET	\$	\$
70	SEE DWG. A-002	'	OL 1	Ψ	Ψ
49	STAINED/ VANDALIZED WALL	8883	SF	\$	\$
.0	8B, SEE DWG. A-002	0000		Ψ	Ψ
50	STAINED OR WORN OUT	350	SF	\$	\$
50	FLOORING 8D, SEE DWG. A-	350	SF	Φ	Φ
	002				
51	STAINED/ VANDALIZED	02	PCS	\$	\$
0 1	DOOR AND FRAME 8FE, SEE		00	*	<b>Y</b>
	DWG. A-002				
52	DRAIN BODY CORROSION,	3	EA	\$	\$
	SEE KEYED NOTES ON K06-				
	P-001				
53	DRAINAGE PIPE	20	LF	\$	\$
55	CORROSION, SEE KEYED	20	-	Ψ	Ψ
	NOTES ON K06-P-001				
<b>-</b> 4		_	1	Φ.	Φ.
54	DRAINAGE PIPE DAMAGED,	5	LF	\$	\$
	SEE KEYED NOTES ON K06-				
	P-001				

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55	REFERENCE ELECTRICAL CORRECTIVE ACTION DRAWING K06-E-507 FOR SCOPE OF WORK.	\$	LS	\$ \$
<u>56</u>	MISSING SIGN <u>7B</u> , SEE DWG. A-002	1	PCS	\$ \$
57	STAINED/ VANDALIZED BOOTH 8E, SEE DWG. A-002	2	SF	\$ \$

	REHABILITATION OF WMATA PARKING FACILITIES						
	VIENNA UNIT PRICE SCHEDULE (BASE BID)						
Item No	Description	QUANTITY	Unit	Unit Price	Total Price		
1	MOBILIZATION	1	LS	\$	\$		
2	REHABILITATION OF VIENNA PARKING GARAGE, INCLUDES WORK NOT SEPCIFIED UNDER UNIT PRICE ITEMS	1	LS	\$	\$		
3	QUALITY CONTROL ENGINEERING SERVICES PER SECTION 01470 OF TECHNICAL SPECIFICATIONS	1	LS	\$	\$		
4	TYPICAL EXPANSION JOINT REPAIR, SEE DETAIL 1/S501	22	LF	\$	\$		
5	TYPICAL SEALANT REPAIR AT TOOLED JOINT, SEE DETAIL 2/S501	6,746	LF	\$	\$		
6	TYPICAL SEALANT REPAIR AT DOUBLE TEE BEAM JOINT, SEE DETAIL 3/S502	43,212	LF	\$	\$		
7	TYPICAL DOUBLE TEE BEAM FLANGE SPALL WITH SEALANT DETAIL, SEE DETAIL 4/S502	917	SF	\$	\$		
8	TYPICAL VERTICAL JOINT SEALANT REPAIR, SEE DETAIL 6/S503	16	LF	\$	\$		
9	TYPICAL UNDERSIDE CRACK REPAIR, SEE DETAIL 7/S504	<del>55</del> 4-567	LF	\$	\$		
10	TYPICAL TOP SIDE CRACK REPAIR, SEE DETAIL 8/S504	672	LF	\$	\$		
11	TYPICAL VERTICAL CRACK REPAIR, SEE DETAIL 9/S505	<del>1609</del> 1629	LF	\$	\$		
12	TYPICAL VERTICAL SPALL REPAIR, SEE DETAIL 10/S505	1204	SF	\$	\$		
13	TYPICAL CONCRETE TOP SIDE SPALL REPAIR, SEE DETAIL 11 ON DRAWING S- 506., SEE DETAIL 11/S506	488	SF	\$	\$		
14	TYPICAL DEEP SPALL REPAIR AT UNDERSIDE OF CONCRETE DECK-TYPICAL	331	SF	\$	\$		

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	FULL DEPTH SPALL REPAIR				
	AT UNDERSIDE OF CONC				
	DECK, SEE DETAIL 12/S506				
15	TYPICAL SHALLOW SPALL	934	SF	\$	\$
	REPAIR AT UNDERSIDE OF				
	CONCRETE DECK TYPICAL				
	DEEP SPALL REPAIR AT				
	UNDERSIDE OF CONCRETE				
	DECK, SEE DETAIL 13/S507				
16	TYPICAL REPAIR AT	<del>3</del> -4	SF	\$	\$
	HORIZONTAL LIFTING POINT,				
47	SEE DETAIL 14/S507	4.07	0.5	Φ.	Φ.
17	TYPICAL DOUBLE TEE WEB	167	SF	\$	\$
	SPALL REPAIR, SEE DETAIL				
40	16/S508	4550	CE	ı c	<u></u>
18	TYPICAL CONNECTION	1553	SF	\$	\$
	PLATE REPAIR, SEE DETAIL				
19	17/S509 TYPICAL DOUBLE TEE	15	EA	\$	\$
19	BEARING PAD	13	EA	Φ	Φ
	REPLACEMENT, SEE DETAIL				
	18/S510				
20	TYPICAL UNEVEN JOINT AT	126	SF	\$	\$
20	DOUBLE TEE FLANGES, SEE	120	01	Ψ	Ψ
	DETAIL 19/S510				
21	TYPICAL CONCRETE CURB	96	SF	\$	\$
_ '	REPAIR, SEE DETAIL 20/S511		0.	*	*
20	· ·	450000	CE	<u></u>	<u></u>
22	TYPICAL TRAFFIC TOPPING	<del>153600</del>	SF	\$	\$
	SYSTEM REPAIR BEARING	171,600			
	MEMBRANE, SEE DETAIL 23/S513				
23	LOCATIONS MARKED ON	84	SF	\$	\$
23	PLANS WITH PONDING AREA	04	)   OF	Φ	Φ
	SHALL BE CLEANED AND				
	REPAIRED WITH CONCRETE				
	TOPPING TO PROVIDE				
	APPROPRIATE DRAINAGE				
	SLOPE, SEE DETAIL 26/S514				
24	LOCATIONS MARKED ON	6	LF	\$	\$
<u>_</u>	PLANS WITH		-	*	*
	MORTAR/GROUT				
	DETERIORATION AND				
	CRACKED CMU SHALL BE				
	RETOOLED/REGROUTED				
	AND REPLACE CRACKED				
	CMU BLOCK, SEE DETAIL				
	28/S514				
	1	1		1	1

25	LOCATIONS MARKED ON PLANS WITH MAP CRACKING OR HONEYCOMB SHALL BE CLEANED AND COATED WITH WATERPROOFING, SEE DETAIL 30/S515	5044	SF	\$ \$
26	TYPICAL INVERTED TEE SPALL REPAIR, SEE DETAIL 37/S517	221	SF	\$ \$
27	TYPICAL STAIR NOSING REPAIR, SEE DETAIL 38/S518	149	SF	\$ \$
28	TYPCIAL SILANE SEALER COATING SYSTEM, SEE DETAIL 39/S519	436,800	SF	\$ \$
29	CORROSION ON DOOR 1A, SEE DWG. A-002	3	PCS	\$ \$
30	CORROSION ON DOOR FRAME 1B, SEE DWG. A-002	3	PCS	\$ \$
31	CORROSION ON BOLLARD 1D, SEE DWG. A-002	16	PCS	\$ \$
32	CORROSION ON PIPE GUARD 1E, SEE DWG. A-002	20	PCS	\$ \$
33	CORROSION ON HANDRAIL 1F, SEE DWG. A-002	836	LFT	\$ \$
34	CORROSION ON GUARDRAIL 1G, SEE DWG. A-002	12	LFT	\$ \$
35	CORROSION ON SIGN POST 1J, SEE DWG. A-002	24	PCS	\$ \$
36	CORROSION ON STOREFRONT MULLIONS 1K, SEE DWG. A-002	27	LFT	\$ \$
37	CORROSION ON GATE BOOTH 1L, SEE DWG. A-002	80	LFT	\$ \$
38	CORROSION ON FLASHING 1M, SEE DWG. A-002	420	LFT	\$ \$
39	IMPACT DAMAGE TO FLASHING 2F, SEE DWG. A- 002	1260	LFT	\$ \$
40	DETACHED STOREFRONT MULLIONS 3A, SEE DWG. A- 002	27	LFT	\$ \$
41	DAMAGED CHAIN LINK FENCE 3B, SEE DWG. A-002	24	SF	\$ \$
42	DETACHED SAFETY STRIP 3D, SEE DWG. A-002	1	PCS	\$ \$

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43	CHIPPED/ PEELED PAINT ON GUARDRAIL 4D, SEE DWG. A-002	23.5	LFT	\$ \$
44	CHIPPED/ PEELED PAINT ON LIGHTWALL BAR 4H, SEE DWG. A-002	7392	SF	\$ \$
45	FADED OR DOUBLE- PARKING STRIPE 5C, SEE DWG. A-002	<u>18480</u>	SF	\$ \$
46	FADED OR UNREADABLE SIGN 5E, SEE DWG. A-002	17	PCS	\$ \$
47	FADED OR SCRATCHED CURB PAINT 5G, SEE DWG. A-002	<u>1400</u>	LFT	\$ \$
48	DAMAGED SEALANT 6A, SEE DWG. A-002	840	LFT	\$ \$
49	MISSING SIGN 7B, SEE DWG. A-002	10	PCS	\$ \$
50	MISSING TRAFFIC DELINEATOR 7H, SEE DWG. A-002	6	EA	\$ \$
51	STAINED/ VANDALIZED WALL 8B, SEE DWG. A-002	1220	SF	\$ \$
52	DRAIN BODY CORROSION, SEE KEYED NOTES ON K08- P-001	30	EA	\$ \$
53	DRAINAGE PIPE CORROSION, SEE KEYED NOTES ON K08-P-001	1 <u>05</u>	<del>EA</del> LF	\$ \$
54	DRAIN GRATE BLOCKED WITH DEBRIS, SEE KEYED NOTES ON K08-P-001	30	EA	\$ \$
55	DRAIN GRATE DAMAGED, SEE KEYED NOTES ON K08- P-001	1	EA	\$ \$
56	DRAINAGE PIPING DISCONNECTED, SEE KEYED NOTES ON K08-P-001	6	EA	\$ \$
57	DRAINAGE PIPING MISSING ELBOW, SEE KEYED NOTES ON K08-P-001	5	EA	\$ \$
58	WATER LEAKAGE FROM ABOVE STRUCTURE, SEE KEYED NOTES ON K08-P-001	1	EA	\$ \$

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59	REFERENCE ELECTRICAL CORRECTIVE ACTION DRAWING K08-E-509 FOR SCOPE OF WORK.	\$	LS	\$	\$

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#### REHABILITATION OF WMATA PARKING FACILITIES LARGO SOUTH UNIT PRICE SCHEDULE (BASE BID) **QUANTITY** Unit Item **Description Unit Price Total Price** No 1 **MOBILIZATION** 1 LS \$ \$ \$ \$ 2 REHABILITATION OF LARGO LS SOUTH PARKING GARAGE. **INCLUDES WORK NOT** SEPCIFIED UNDER UNIT PRICE ITEMS 3 **QUALITY CONTROL** 1 LS \$ \$ **ENGINEERING SERVICES** PER SECTION 01470 OF **TECHNICAL SPECIFICATIONS** 4 TYPICAL EXPANSION JOINT 411 LF \$ \$ REPAIR, SEE DETAIL 1/S501 5 TYPICAL SEALANT REPAIR LF \$ \$ 5,423 AT TOOLED JOINT, SEE DETAIL 2/S501 6 TYPICAL SEALANT REPAIR 24,180 LF \$ \$ AT DOUBLE TEE BEAM JOINT, SEE DETAIL 3/S502 TYPICAL DOUBLE TEE BEAM \$ 7 651 SF FLANGE SPALL WITH SEALANT DETAIL, SEE DETAIL 4/S502 TYPICAL UNDERSIDE CRACK LF \$ \$ 8 12273 REPAIR, SEE DETAIL 7/S504 LF \$ 9 TYPICAL TOP SIDE CRACK \$ 4312 REPAIR, SEE DETAIL 8/S504 10 TYPICAL VERTICAL CRACK 1668 LF \$ \$ REPAIR, SEE DETAIL 9/S505 11 SF TYPICAL VERTICAL SPALL 163 REPAIR, SEE DETAIL 10/S505 12 TYPICAL CONCRETE TOP 473 SF \$ \$ SIDE SPALL REPAIR, SEE DETAIL 11 ON DRAWING S-506., SEE DETAIL 11/S506 SF TYPICAL DEEP SPALL 561 \$ \$ 13 REPAIR AT UNDERSIDE OF **CONCRETE DECK** TYPICAL FULL DEPTH SPALL REPAIR AT UNDERSIDE OF CONC DECK, SEE DETAIL 12/S506

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14	TYPICAL SHALLOW SPALL	502	SF	\$	\$	
14	REPAIR AT UNDERSIDE OF	302	31	Ψ	Ψ	AM2
	CONCRETE DECK TYPICAL					
	DEEP SPALL REPAIR AT					
	UNDERSIDE OF CONCRETE					
4-	DECK, SEE DETAIL 13/S507	70.00				
15	TYPICAL REPAIR AT	<del>70</del> -60	SF	\$	\$	AM2
	HORIZONTAL LIFTING POINT,					
16	SEE DETAIL 14/S507 TYPICAL DOUBLE TEE WEB	20	SF	\$	\$	
10	SPALL REPAIR, SEE DETAIL	20	31	Ψ	Ψ	
	16/S508					
17	TYPICAL CONNECTION	149	SF	\$	\$	
	PLATE REPAIR, SEE DETAIL			*	•	
	17/S509					
18	TYPICAL DOUBLE TEE	5	EA	\$	\$	
	BEARING PAD					
	REPLACEMENT, SEE DETAIL					
	18/S510					
19	TYPICAL UNEVEN JOINT AT	3	SF	\$	\$	
	DOUBLE TEE FLANGES, SEE					
20	DETAIL 19/S510	20	1.5	•		
20	TYPICAL CMU WALL CRACK REPAIR AT DOUBLE TEE,	39	LF	\$	\$	
	SEE DETAIL 21/S512					
21	TYPICAL TRAFFIC TOPPING	93713	SF	\$	\$	
21	SYSTEM REPAIR BEARING	103,084		Ι Ψ	Ι Ψ	AM2
	MEMBRANE, SEE DETAIL	100,001				
	23/S513					
22	LOCATIONS MARKED ON	<del>13</del> -52	LF	\$	\$	AM2
	PLANS WITH					AIVIZ
	MORTAR/GROUT					
	DETERIORATION AND					
	CRACKED CMU SHALL BE					
	RETOOLED/REGROUTED					
	AND REPLACE CRACKED					
	CMU BLOCK, SEE DETAIL 28/S514					
23	LOCATIONS MARKED ON	4	SF	\$	\$	
20	PLANS WITH CONNECTION	-	اداد	Ψ	Ψ	
	PLATE CORROSION SHALL					
	BE CLEANED AND SEALED					
	BY APPLYING EPOXY					
	SEALANT TO THE AREAS					
	MARKED, SEE DETAIL					
	29/S515	1				

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24	LOCATIONS MARKED ON PLANS WITH MAP CRACKING OR HONEYCOMB SHALL BE CLEANED AND COATED WITH WATERPROOFING, SEE DETAIL 30/S515	10190	SF	\$ \$
25	LOCATIONS MARKED ON PLANS WITH CORRODED/MISSING ANCHOR BOLTS SHALL BE INSTALLED WITH NEW ANCHOR BOLTS AND PAINTED, SEE DETAIL 32/S516	521	EA	\$ \$
26	LOCATIONS MARKED ON PLANS WITH DISPLACED ANGLE/MISSING ANCHOR AT EXPANSION JOINT SUPPORT SHALL BE REALIGNED AND INSTALLED WITH NEW ANCHOR AND PAINT, SEE DETAIL 34/S516	2	EA	\$ \$
27	TYPICAL REPAIR AT CRACK PARALLEL TO EXPANSION JOINT, SEE DETAIL 36/S517	52	EA	\$ \$
28	TYPICAL INVERTED TEE SPALL REPAIR, SEE DETAIL 37/S517	50	SF	\$ \$
29	TYPICAL STAIR NOSING REPAIR, SEE DETAIL 38/S518	29	SF	\$ \$
30	TYPCIAL SILANE SEALER COATING SYSTEM, SEE DETAIL 39/S519	305925	SF	\$ \$
31	CORROSION ON DOOR, KEY NOTE 1A SEE DWG. A-002	16	PCS	\$ \$
32	CORROSION ON DOOR FRAME, KEY NOTE 1B SEE DWG. A-002	15	PCS	\$ \$
33	CORROSION ON DOOR CLOSER, KEY NOTE 1C SEE DWG. A-002	1 <u>6</u> 5	PCS	\$ \$
34	CORROSION ON HANDRAIL, KEY NOTE 1F SEE DWG. A- 002	12	LF	\$ \$
35	CORROSION ON RAMP EDGE, KEY NOTE 1I SEE DWG. A-002	<u> 40</u>	LF	\$ \$

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AMENDMENT NO.

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36	MISALIGNED EXIT GATE KEY NOTE 2A SEE DWG. A-002	1	PCS	\$ \$	
37	CORROSION ON SIGN POST, KEY NOTE 1J SEE DWG. A- 002	<u>0</u> 4	PCS	\$ \$	
38	DAMAGED/ MISALIGNED DOOR, KEY NOTE 2C SEE DWG. A-002	1	PCS	\$ \$	
39	DAMAGED/ MISALIGNED DOOR CLOSER, KEY NOTE 2D SEE DWG. A-002	1	PCS	\$ \$	
40	DETACHED/MISSING TENSION BAR KEY NOTE 3C SEE DWG. A-002	1	PCS	\$ \$	
41	DISLODGED WHEEL STOP KEY NOTE 2E SEE DWG. A- 002	15	PCS	\$ \$	
42	DISLODGED/ MISALIGNED HANGING SIGN, KEY NOTE 2G SEE DWG. A-002	2	PCS	\$ \$	
43	MISALIGNED THRESHOLD, KEY NOTE 2H SEE DWG. A- 002	1	PCS	\$ \$	
44	DAMAGED CHAIN LINK FENCE, KEY NOTE 3B SEE DWG. A-002	<del>10</del> 7	SF	\$ \$	
45	CHIPPED/ PEELED PAINT ON PIPE GUARD, KEY NOTE 4B SEE DWG. A-002	58	PCS	\$ \$	
46	CHIPPED/ PEELED PAINT ON HANDRAIL, KEY NOTE 4C SEE DWG. A-002	361	SF	\$ \$	
47	FADED OR MISSING PAVEMENT STOP BAR KEY NOTE 5A SEE DWG. A-002	<del>12</del> 0	SF	\$ \$	
48	FADED OR DOUBLE ADA PAVEMENT MARKING, KEY NOTE 5B SEE DWG. A-002	<del>20</del> 0	PCS	\$ \$	
49	FADED OR DOUBLE- PARKING STRIPE, KEY NOTE 5C SEE DWG. A-002	14650	SF	\$ \$	
50	FADED NO PARKING STRIPING, KEY NOTE 5D SEE DWG. A-002	<u>1500</u>	SF	\$ \$	
51	FADED OR UNREADABLE SIGN, KEY NOTE 5E SEE DWG. A-002	23	PCS	\$ \$	

52	FADED OR MISSING PAVEMENT ARROWS, KEY NOTE 5F SEE DWG. A-002	<u>360</u>	LF	\$ \$	
53	DAMAGED SEALANT, KEY NOTE 6A SEE DWG. A-002	48	LF	\$ \$	
54	MISSING ACOUSTIC TILE, KEY NOTE 7A SEE DWG. A- 002	<u>8</u> 6	SFET	\$ \$	AM2
55	MISSING HARDWARE, KEY NOTE 7C SEE DWG. A-002	4	SET	\$ \$	
56	MISSING WALL TIES KEY NOTE 7G SEE DWG. A-002	25	SF	\$ \$	
57	MISSING TRAFFIC DELINEATOR, KEY NOTE 7H SEE DWG. A-002	<u>4</u> 1	EA		AM2
58	STAINED/ VANDALIZED SIGN, KEY NOTE 8A SEE DWG. A- 002	3	PCS	\$ \$	
59	STAINED/ VANDALIZED WALL, KEY NOTE 8B SEE DWG. A-002	<u>31</u> 6	SF	\$ \$	AM2
60	STAINED CEILING TILE, KEY NOTE 8C SEE DWG. A-002	<u>12</u> 31	SF	\$ \$	AM2
61	KEY NOTE 8E SEE DWG. A- 002	1	PCS	\$ \$	
62	WASP/BIRD NEST, SEE KEYED NOTES ON A-002	4	PCS	\$ \$	
63	DRAIN BODY CORROSION, SEE KEYED NOTES ON G05- P-001	<u>5</u> 3	LS <u>EA</u>	\$ \$	AM2
64	DRAINAGE PIPE CORROSION, SEE KEYED NOTES ON G05-P-001	15	L <u>F</u> \$	\$ \$	AM2
65	DRAIN GRATE BLOCKED WITH DEBRIS, SEE KEYED NOTES ON G05-P-001	30	EA	\$ \$	
66	COVER MISSING THRU THE WALL AC UNIT. REPLACE COVER. SEE KEYED NOTES ON G05-P-001	2	LS	\$ \$	
67	VALVE BROKEN. REPLACE VALVE WITH NEW. SEE KEYED NOTES ON G05-P-001	1	LS	\$ \$	
68	ELEVATOR MACHINE ROOM  - VENTILATION INTAKE  DAMPER ACTUATOR	1	LS	\$ \$	

	DISENGAGED. REPAIR OR REPLACE ACTUATOR. SEE KEYED NOTES ON G05-P-001			
69	ELEVATOR MACHINE ROOM  - VENTILATION FAN NOT RUNNING. FAN MARKED WITH CAUTION TAPE. REPAIR OR REPLACE DAMAGED FAN. SEE KEYED NOTES ON G05-P-001	1	LS	\$ \$
70	REFERENCE ELECTRICAL CORRECTIVE ACTION DRAWING G05-E-517 FOR SCOPE OF WORK.	\$	LS	\$ \$
71	N/A	\$	LS	\$ \$
<u>72</u>	CHIPPED/ PEELED PAINT ON BOLLARD <u>4A</u> , SEE DWG. A- 002	24	PCS	\$ \$

AM<sub>2</sub>

REHABILITATION OF WMATA PARKING FACILITIES									
	NEW CARROLLTON UNIT PRICE SCHEDULE (BASE BIDALTERNATE NO. 1)								
Item No	Description	QUANTITY	Unit	Unit Price	Total Price				
1	MOBILIZATION	1	LS	\$	\$				
2	REHABILITATION OF NEW CARROLLTON PARKING GARAGE, INCLUDES WORK NOT SEPCIFIED UNDER UNIT PRICE ITEMS	1	LS	\$	\$				
3	QUALITY CONTROL ENGINEERING SERVICES PER SECTION 01470 OF TECHNICAL SPECIFICATIONS	1	LS	\$	\$				
4	TYPICAL EXPANSION JOINT REPAIR, SEE DETAIL 1/S501	180	LF	\$	\$				
5	TYPICAL SEALANT REPAIR AT TOOLED JOINT, SEE DETAIL 2/S501	2770	LF	\$	\$				
6	TYPICAL SEALANT REPAIR AT DOUBLE TEE BEAM JOINT, SEE DETAIL 3/S502	<del>32,441</del> 32,375	LF	\$	\$				
7	TYPICAL DOUBLE TEE BEAM FLANGE SPALL WITH SEALANT DETAIL, SEE DETAIL 4/S502	55	SF	\$	\$				
8	TYPICAL DOUBLE TEE BEAM FLANGE SPALL REPAIR DETAIL, SEE DETAIL 5/S504 5/S503	12	SF	\$	\$				
9	TYPICAL VERTICAL JOINT SEALANT REPAIR, SEE DETAIL 6/S503	6	LF	\$	\$				
10	TYPICAL UNDERSIDE CRACK REPAIR, SEE DETAIL 7/S504	1402	LF	\$	\$				
11	TYPICAL TOP SIDE CRACK REPAIR, SEE DETAIL 8/S504	<del>1964</del> 2758	LF	\$	\$				
12	TYPICAL VERTICAL CRACK REPAIR, SEE DETAIL 9/S505	160	LF	\$	\$				
13	TYPICAL VERTICAL SPALL REPAIR, SEE DETAIL 10/S505	35	SF						

AM2

AM2

Washington Metropolitan Area Transit Authority
Rehabilitation of WMATA Parking Facilities

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	T=	T	T	T _		_
14	TYPICAL CONCRETE TOP	130	SF	\$	\$	
	SIDE SPALL REPAIR, SEE					
	DETAIL 11 ON DRAWING S-					
	506., SEE DETAIL 11/S506					
15	TYPICAL DEEP SPALL	4	SF	\$	\$	
	REPAIR AT UNDERSIDE OF					AM2
	CONCRETE DECK TYPICAL					AWIZ
	FULL DEPTH SPALL REPAIR					
	AT UNDERSIDE OF CONC					
16	DECK, SEE DETAIL 12/S506  TYPICAL SHALLOW SPALL	102	SF	\$	\$	_
16	REPAIR AT UNDERSIDE OF	102	SF	Ф	Ф	
	CONCRETE DECK TYPICAL					AM2
	DEEP SPALL REPAIR AT					
	UNDERSIDE OF CONCRETE					
	DECK, SEE DETAIL 13/S507					
17	TYPICAL CONNECTION	1	SF	\$	\$	AM2
17	PLATE REPAIR, SEE DETAIL	'	EA	Ψ	Ψ	AIVIZ
	17/S509		SF			AM4
18	TYPICAL DOUBLE TEE	4	EA	\$	\$	
'	BEARING PAD		-/ \	*	Ψ	
	REPLACEMENT, SEE DETAIL					
	18/S510					
19	TYPICAL CMU WALL CRACK	7	LF	\$	\$	
	REPAIR AT DOUBLE TEE,				·	
	SEE DETAIL 21/S512					
20	TYPICAL TRAFFIC TOPPING	<del>82500</del>	SF	\$	\$	
	SYSTEM REPAIR BEARING	90750				AM2
	MEMBRANE, SEE DETAIL					
	23/S513					
21	TYPICAL TRAFFIC	20	EA	\$	\$	
	BOLLARD/DELINEATOR					AM2
	REPAIR, SEE DETAIL 24/S513					
22	INSTALL NEW PLASTIC CAP	17	EA	\$	\$	
	AT VERTICAL LIFTING POINT,					
	SEE DETAIL 25/S514					
23	LOCATIONS MARKED ON	104	SF	\$	\$	
	PLANS WITH PONDING AREA					
	SHALL BE CLEANED AND					
	REPAIRED WITH CONCRETE					
	TOPPING TO PROVIDE					
	APPROPRIATE DRAINAGE					
24	SLOPE, SEE DETAIL 26/S514	40	1 -	<b>C</b>	\$	
24	LOCATIONS MARKED ON PLANS WITH	49	LF	\$	•	
	MORTAR/GROUT DETERIORATION AND					
	CRACKED CMU SHALL BE					
	RETOOLED/REGROUTED					
	INL TOOLLD/NEGROUTED				L	

	AND REPLACE CRACKED CMU BLOCK, SEE DETAIL 28/S514			
25	LOCATIONS MARKED ON PLANS WITH MAP CRACKING OR HONEYCOMB SHALL BE CLEANED AND COATED WITH WATERPROOFING, SEE DETAIL 30/S515	<del>570</del> 159	SF	\$ \$
26	LOCATIONS MARKED ON PLANS WITH WATER LEAKING ON WALL SHALL BE CLEANED AND ANY DETERIORATED JOINT SHALL BE REPAIRED, SEE DETAIL 31/S515	26	SF	\$ \$
27	TYPICAL REPAIR AT CRACK PARALLEL TO EXPANSION JOINT, SEE DETAIL 36/S517	117	EA	\$ \$
28	TYPCIAL SILANE SEALER COATING SYSTEM, SEE DETAIL 39/S519	512700	SF	\$ \$
29	TYPICAL MINOR LONGITUDINAL CRACK AT UNDERSIDE OF DOUBLE TEE, SEE DETAIL 40/S519	312	LF	\$ \$
30	CORROSION ON DOOR, KEY NOTE 1A SEE DWG. A-002	2	PCS	\$ \$
31	CORROSION ON DOOR FRAME, KEY NOTE 1B SEE DWG. A-002	<u>4</u> 7	PCS	\$ \$
32	CORROSION ON BOLLARD, KEY NOTE 1D SEE DWG. A- 002	20	PCS	\$ \$
33	CORROSION ON PIPE GUARD, KEY NOTE 1E SEE DWG. A-002	3	PCS	\$ \$
34	CORROSION ON FENCING, KEY NOTE 1H SEE DWG. A- 002	<u>7</u> 3	LF	\$ \$
35	CORROSION ON RAMP EDGE, KEY NOTE 1I SEE DWG. A-002	15	LF	\$ \$
36	CORROSION ON SIGN POST, KEY NOTE 1J SEE DWG. A- 002	1	PCS	\$ \$

AM2

37	CORROSION ON	4	LF	\$	\$	1
31	CORROSION ON STOREFRON MULLIONS,	<del>'1</del>		Φ	Φ	
	KEY NOTE 1K SEE DWG. A-					
	002					
38	DAMAGED/ MISALIGNED	1	PCS	\$	\$	
	DOOR, KEY NOTE 2C SEE				<b>•</b>	
	DWG. A-002					
39	DAMAGED/ MISALIGNED	10	PCS	\$	\$	
	DOOR CLOSER, KEY NOTE					AM2
	2D SEE DWG. A-002					
40	DISLODGED/ MISALIGNED	3	PCS	\$	\$	
	HANGING SIGN, KEY NOTE					
	2G SEE DWG. A-002					
41	MISALIGNED THRESHOLD,	1	PCS	\$	\$	
	KEY NOTE 2H SEE DWG. A-					
	002					
42	DAMAGED CHAIN LINK	45	SF	\$	\$	
	FENCE, KEY NOTE 3B SEE					
	DWG. A-002					
43	KEY NOTE 4B SEE DWG. A-	<u>0</u> 4	PCS			
	002					
44	CHIPPED/ PEELED PAINT ON	660	SF	\$	\$	
	HANDRAIL, KEY NOTE 4C					
	SEE DWG. A-002					
45	CHIPPED/ PEELED PAINT ON	600	SF	\$	\$	
	WALLS, KEY NOTE 4F SEE					
40	DWG. A-002		D00		•	
46	FADED OR DOUBLE ADA	0	PCS	\$	\$	AM2
	PAVEMENT MARKING, KEY					AWIZ
47	NOTE 5B SEE DWG. A-002		0.5	Φ.	Φ.	
47	FADED OR DOUBLE-	0	SF	\$	\$	AM2
	PARKING STRIPE, KEY NOTE					
48	5C SEE DWG. A-002 FADED NO PARKING	0	SF	\$	\$	
40	STRIPING, KEY NOTE 5D SEE	١٠	SF	Φ	Φ	AM2
	DWG. A-002					
49	FADED OR UNREADABLE	2	PCS	\$	\$	-
73	SIGN, KEY NOTE 5E SEE	_	1.03	Ψ	Ψ	
	DWG. A-002					
50	FADED OR MISSING	0	LF	\$	\$	
	PAVEMENT ARROWS, KEY	~		*	<b>*</b>	AM2
	NOTE 5F SEE DWG. A-002					
51	FADED OR SCRATCHED	143	SF	\$	\$	
	CURB PAINT, KEY NOTE 5G				*	<u>AM2</u>
	SEE DWG. A-002					
52	DAMAGED SEALANT, KEY	108	LF	\$	\$	
	NOTE 6A SEE DWG. A-002			,	,	AM2
						j

<u>AM2</u>

AM2

53	DETACHED WEATHER	1	LF	\$ \$
	STRIPPING, KEY NOTE 6B SEE DWG. A-002			
54	MISSING HARDWARE, KEY NOTE 7C SEE DWG. A-002	<u>1</u> 2	SET	\$ \$
55	KEY NOTE 7B SEE DWG. A- 002	3	PCS	\$ \$
56	KEY NOTE 7D SEE DWG. A- 002	3	PCS	\$ \$
57	MISSING KICKPLATE KEY NOTE 7E SEE DWG. A-002	1	PCS	\$ \$
58	MISSING TRAFFIC DELINEATOR, KEY NOTE 7H SEE DWG. A-002	<u>3</u> 2	PCS	\$ \$
59	STAINED/ VANDALIZED SIGN, KEY NOTE 8A SEE DWG. A- 002	<u>2</u> 3	PCS	\$ \$
60	STAINED/ VANDALIZED WALL, KEY NOTE 8B SEE DWG. A-002	595	SF	\$ \$
61	STAINED CEILING TILE, KEY NOTE 8C SEE DWG. A-002	4	SF	\$ \$
62	STAINED OR WORN OUT FLOORING, KEY NOTE 8D SEE DWG. A-002	295	SF	\$ \$
63	WASP/BIRD NEST, KEY NOTE 9A SEE DWG. A-002	1	PCS	\$ \$
64	DRAIN BODY CORROSION, SEE KEYED NOTES ON D13- P-001	4	EA	\$ \$
65	DRAINAGE PIPE CORROSION, SEE KEYED NOTES ON D13-P-001	20	LF	\$ \$
66	DRAIN GRATE BLOCKED WITH DEBRIS, SEE KEYED NOTES ON D13-P-001	5	EA	\$ \$
67	REPAIR CONDENSATE LINE LEAK FROM AIR CONDITIONING UNIT. SEE KEYED NOTES ON D13-P-001	1	EA	\$ \$
68	COVER MISSING ON WALL HEATER. REPLACE COVER ON WALL HEATER. SEE KEYED NOTES ON D13-P-001	1	EA	\$ \$

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Rehabilitation of WMATA Parking Facilities	January 2018

69	REFERENCE ELECTRICAL CORRECTIVE ACTION DRAWING D13-E-509 FOR SCOPE OF WORK.	\$	LS	\$ \$
70	FADED OR MISSING PAVEMENT STOP BAR 5A, SEE DWG. A-002	<u> 40</u>	SF	\$ \$

AM<sub>2</sub>

AM2

AM<sub>2</sub>

#### REHABILITATION OF WMATA PARKING FACILITIES LARGO NORTH UNIT PRICE SCHEDULE (BASE BID) **Description QUANTITY Total Price** Item Unit **Unit Price** No 1 **MOBILIZATION** 1 LS \$ \$ 1 \$ \$ 2 REHABILITATION OF LARGO LS NORTH PARKING GARAGE. **INCLUDES WORK NOT** SEPCIFIED UNDER UNIT PRICE ITEMS 3 **QUALITY CONTROL** 1 LS \$ \$ **ENGINEERING SERVICES** PER SECTION 01470 OF **TECHNICAL SPECIFICATIONS** 4 TYPICAL EXPANSION JOINT LF \$ \$ 240 REPAIR, SEE DETAIL 1/S501 5 ΙF \$ \$ TYPICAL SEALANT REPAIR 3,659 AT TOOLED JOINT, SEE DETAIL 2/S501 6 TYPICAL SEALANT REPAIR 19.783 LF \$ \$ AT DOUBLE TEE BEAM JOINT, SEE DETAIL 3/S502 7 SF TYPICAL DOUBLE TEE BEAM 24 \$ \$ FLANGE SPALL WITH SEALANT DETAIL. SEE DETAIL 4/S502 8 TYPICAL DOUBLE TEE BEAM 23 SF \$ \$ FLANGE SPALL REPAIR DETAIL, SEE DETAIL 5/S504 5/S503 TYPICAL VERTICAL JOINT 2 LF \$ \$ SEALANT REPAIR, SEE DETAIL 6/S503 10 TYPICAL UNDERSIDE CRACK 11160 LF \$ \$ REPAIR, SEE DETAIL 7/S504 7438 11 TYPICAL TOP SIDE CRACK 11257 LF \$ \$ REPAIR, SEE DETAIL 8/S504 11160 12 TYPICAL VERTICAL CRACK 296 LF \$ \$ REPAIR, SEE DETAIL 9/S505 13 TYPICAL VERTICAL SPALL 96 SF \$ \$ REPAIR, SEE DETAIL 10/S505 14 TYPICAL CONCRETE TOP 92 SF \$ \$ SIDE SPALL REPAIR, SEE **DETAIL 11 ON DRAWING S-**506.

Washington Metropolitan Area Transit Authority
Rehabilitation of WMATA Parking Facilities

Contract No. FQ18064 January 2018

45	TYPICAL PEED CDALL	107	105		Φ.	
15	TYPICAL DEEP SPALL	27	SF	\$	\$	
	REPAIR AT UNDERSIDE OF					AM2
	CONCRETE DECK TYPICAL FULL DEPTH SPALL REPAIR					
	AT UNDERSIDE OF CONC					
	DECK, SEE DETAIL 12/S506					
16	TYPICAL SHALLOW SPALL	585	SF	\$	\$	
.0	REPAIR AT UNDERSIDE OF		0.	4	Ψ	4 5 4 0
	CONCRETE DECK TYPICAL					AM2
	DEEP SPALL REPAIR AT					
	UNDERSIDE OF CONCRETE					
	DECK, SEE DETAIL 13/S507					
17	TYPICAL REPAIR AT	12	SF	\$	\$	
	HORIZONTAL LIFTING POINT,					
	SEE DETAIL 14/S507					
18	TYPICAL DETERIORATED	<del>15</del>	SF	\$	\$	AM2
	CONCRETE WASH REPAIR,	568				7
40	SEE DETAIL 15/S508	0.4	05	Α		
19	TYPICAL DOUBLE TEE WEB	24	SF	\$	\$	
	SPALL REPAIR, SEE DETAIL					
20	16/S508 TYPICAL CONNECTION	<del>10</del>	SF	\$	\$	
20	PLATE REPAIR, SEE DETAIL	<del>10</del>   11	<del>SF</del> <del>EA</del>	Ф	Ф	AM2
	17/S509	' '	SF			AM4
21	TYPICAL DOUBLE TEE	21	EA	\$	\$	
	BEARING PAD			*	Ψ	
	REPLACEMENT, SEE DETAIL					
	18/S510					
22	TYPICAL UNEVEN JOINT AT	60	SF	\$	\$	AM2
	DOUBLE TEE FLANGES, SEE					AIVIZ
	DETAIL <del>19/S510</del> -19/S511					
23	TYPICAL CONCRETE CURB	8	SF	\$	\$	
	REPAIR, SEE DETAIL 20/S511					
24	TYPICAL TRAFFIC TOPPING	1378	SF	\$	\$	
	REPAIR AT PARAPET WALL,					
	SEE DETAIL 22/S512					
25	TYPICAL TRAFFIC_TOPPING	<del>53550</del>	SF	\$	\$	AM2
	SYSTEM REPAIR BEARING	58905				AIVIZ
	MEMBRANE, SEE DETAIL,					
00	SEE DETAIL 23/S513	05	0-	Φ.	Φ.	
26	LOCATIONS MARKED ON	65	SF	\$	\$	
	PLANS WITH PONDING AREA					
	SHALL BE CLEANED AND REPAIRED WITH CONCRETE					
	TOPPING TO PROVIDE					
	APPROPRIATE DRAINAGE					
	SLOPE, SEE DETAIL 26/S514					
	CLOI L, OLL DETAIL 20/0014	I				

Page -24 Unit Price Schedule AMENDMENT NO.

27	LOCATIONS MARKED ON PLANS WITH EFFLORESCENCE OR RUST STAINING SHALL BE CLEANED AND SEALED BY POWER WASHING AND APPLYING EPOXY SEALANT TO THE AREAS MARKED, SEE DETAIL 27/S514	418	SF	\$ \$
28	LOCATIONS MARKED ON PLANS WITH MORTAR/GROUT DETERIORATION AND CRACKED CMU SHALL BE RETOOLED/REGROUTED AND REPLACE CRACKED CMU BLOCK, SEE DETAIL 28/S514	15	LF	\$ \$
29	LOCATIONS MARKED ON PLANS WITH CONNECTION PLATE CORROSION SHALL BE CLEANED AND SEALED BY APPLYING EPOXY SEALANT TO THE AREAS MARKED, SEE DETAIL 29/S515	6 <del>12</del> 11	<del>EA</del> <del>SF</del> EA	\$ \$
30	LOCATIONS MARKED ON PLANS WITH MAP CRACKING OR HONEYCOMB SHALL BE CLEANED AND COATED WITH WATERPROOFING, SEE DETAIL 30/S515	570	SF	\$ \$
31	LOCATIONS MARKED ON PLANS WITH WATER LEAKING ON WALL SHALL BE CLEANED AND ANY DETERIORATED JOINT SHALL BE REPAIRED, SEE DETAIL 31/S515	263	SF	\$ \$
32	LOCATIONS MARKED ON PLANS WITH CORRODED/MISSING ANCHOR BOLTS SHALL BE INSTALLED WITH NEW ANCHOR BOLTS AND PAINTED, SEE DETAIL 32/S515	273	EA	\$ \$

33	LOCATIONS MARKED ON PLANS WITH CORROSION AT	123	EA	\$ \$	
	WELDING SHALL BE CLEANED AND GALVANIZE COATING TO BE PROVIDED, SEE DETAIL 35/S516				
34	DETERIORATED CONCRETE- WASH REPAIR, SEE DETAIL- 15/S508	<del>15</del>	SF	\$ -\$-	AM2
3 <u>4</u> 5	TYPICAL REPAIR AT CRACK PARALLEL TO EXPANSION JOINT, SEE DETAIL 36/S517	283	EA	\$ \$	
3 <u>5</u> 6	TYPICAL INVERTED TEE SPALL REPAIR, SEE DETAIL 37/S517	6	SF	\$ \$	
3 <u>6</u> 7	TYPCIAL SILANE SEALER COATING SYSTEM, SEE DETAIL 39/S519	221030	SF	\$ \$	
3 <u>7</u> 8	TYPICAL MINOR LONGITUDINAL CRACK AT UNDERSIDE OF DOUBLE TEE, SEE DETAIL 40/S519	6000	LF	\$ \$	
3 <u>8</u> 9	CORROSION ON DOOR, KEY NOTE 1A SEE DWG. A-002	10	PCS	\$ \$	AM2
<u>39</u> 40	CORROSION ON DOOR FRAME, KEY NOTE 1B SEE DWG. A-002	10	PCS	\$ \$	AM2
4 <u>0</u> 4	CORROSION ON DOOR CLOSER, KEY NOTE 1C SEE DWG. A-002	10	PCS	\$ \$	AM2
4 <u>1</u> 2	CORROSION ON PIPE GUARD, KEY NOTE 1E SEE DWG. A-002	5	PCS	\$ \$	
4 <u>2</u> 3	CORROSION ON FENCING, KEY NOTE 1H SEE DWG. A- 002	14	LF	\$ \$	
4 <u>3</u> 4	CORROSION ON HANDRAIL, KEY NOTE 1F SEE DWG. A- 002	6	LF	\$ \$	
4 <u>4</u> 5	CORROSION ON SIGN POST, KEY NOTE 1J SEE DWG. A- 002	<u>4</u> 5	PCS	\$ \$	AM2
4 <u>5</u> 6	DISLODGED WHEELSTOP, KEY NOTE 2E SEE DWG. A- 002	19	PCS	\$ \$	
4 <u>6</u> 7	DISLODGED/ MISALIGNED HANGING SIGN, KEY NOTE 2G SEE DWG. A-002	<u>2</u> 3	PCS	\$ \$	AM2

4 <u>7</u> 8	DAMAGED CHAIN LINK	28	SF	\$ \$	
	FENCE, KEY NOTE 3B SEE DWG. A-002				
4 <u>8</u> 9	KEY NOTE 3C SEE DWG. A- 002	9	PCS	\$ \$	
<u>49</u> 50	CHIPPED/ PEELED PAINT ON BOLLARD, KEY NOTE 4A SEE DWG. A-002	18	PCS	\$ \$	
5 <u>0</u> 4	CHIPPED/ PEELED PAINT ON PIPE GUARD, KEY NOTE 4B SEE DWG. A-002	29	PCS	\$ \$	
5 <u>1</u> 2	CHIPPED/ PEELED PAINT ON HANDRAIL, KEY NOTE 4C SEE DWG. A-002	499	SF	\$ \$	
5 <u>2</u> 3	FADED OR DOUBLE ADA PAVEMENT MARKING, KEY NOTE 5B SEE DWG. A-002	0	PCS	\$ \$	AM2
5 <u>3</u> 4	FADED OR DOUBLE- PARKING STRIPE, KEY NOTE 5C SEE DWG. A-002	0	SF	\$ \$	AM2
5 <u>4</u> 5	FADED NO PARKING STRIPING, KEY NOTE 5D SEE DWG. A-003	0	SF	\$ \$	AM2
5 <u>5</u> 6	FADED OR MISSING PAVEMENT ARROWS, KEY NOTE 5F SEE DWG. A-002	0	LF	\$ \$	AM2
5 <u>6</u> 7	DAMAGED SEALANT, KEY NOTE 6A SEE DWG. A-002	28	LF	\$ \$	AM2
5 <u>7</u> 8	MISSING SIGN, KEY NOTE 7B SEE DWG. A-002	1	PCS	\$ \$	
5 <u>8</u> 9	MISSING HARDWARE, KEY NOTE 7C SEE DWG. A-002	4	SET	\$ \$	
<u>59</u> 60	MISSING TRAFFIC DELINEATOR, KEY NOTE 7H SEE DWG. A-002	2	PCS	\$ \$	
6 <u>0</u> 4	STAINED CEILING TILE, KEY NOTE 8C SEE DWG. A-002	12	SF	\$ \$	
6 <u>1</u> 2	STAINED OR WORN OUT FLOORING, KEY NOTE 8D SEE DWG. A-002	3490	SF	\$ \$	
6 <u>2</u> 3	STAINED/ VANDALIZED DOOR AND FRAME, KEY NOTE 8F SEE DWG. A-002	50	SF	\$ \$	
6 <u>3</u> 4	DRAIN BODY CORROSION, SEE KEYED NOTES ON DWG G05-P001	<u>5</u> 2	EA	\$ \$	<u>AM2</u>

6 <u>4</u> 5	DRAINAGE PIPE CORROSION, SEE KEYED NOTES ON DWG G05-P001	35	LF	\$	\$	
6 <u>5</u> 6	DRAIN GRATE BLOCKED WITH DEBRIS, SEE KEYED NOTES ON DWG G05-P001	2	EA	\$	\$	
6 <u>6</u> 7	COVER MISSING THRU THE WALL AC UNIT. REPLACE COVER. SEE KEYED NOTES ON DWG G05-P001	20	LF	\$	\$	
6 <u>7</u> 8	VALVE WHEEL BROKEN ON WASHDOWN PIPING. SEE KEYED NOTES ON G05-P-001	1	EA	\$	\$	
6 <u>8</u> 9	WASHDOWN PIPING CORROSION. SEE KEYED NOTES ON G05-P-001	<u>20</u> 4	LFEA	\$	\$	<u>AM2</u>
<del>70</del> 69	FIRE PROTECTION RISER PIPING CORROSION. SEE KEYED NOTES ON G05-P-001	20	LF	\$	\$	
7 <u>0</u> 4	REPAIR 9 ON A12-P001	5	LF	\$	\$	AM2
7 <u>1</u> 2	REFERENCE ELECTRICAL CORRECTIVE ACTION DRAWING G05-E-507 FOR SCOPE OF WORK.	\$	LS	\$	\$	
72	N/A	N/A	N/A	N/A	N/A	

<del>2</del>4

AM2

AM2

	REHABILITATION OF WMATA PARKING FACILITIES							
	WHITE FLINT UNIT	PRICE SCH	EDULE	(BASE BID)				
Item No	Description	QUANTITY	Unit	Unit Price	Total Price			
1	MOBILIZATION	1	LS	\$	\$			
2	REHABILITATION OF WHIITE FLINT PARKING GARAGE, INCLUDES WORK NOT SEPCIFIED UNDER UNIT PRICE ITEMS	1	LS	\$	\$			
3	QUALITY CONTROL ENGINEERING SERVICES PER SECTION 01470 OF TECHNICAL SPECIFICATIONS	1	LS	\$	\$			
4	TYPICAL EXPANSION JOINT REPAIR, SEE DETAIL 1/S501	308	LF	\$	\$			
5	TYPICAL SEALANT REPAIR AT TOOLED JOINT, SEE DETAIL 2/S501	<del>21,289</del> 4240	LF	\$	\$			
6	TYPICAL SEALANT REPAIR AT DOUBLE TEE BEAM JOINT, SEE DETAIL 3/S502	<del>2637</del> 21,682	LF	\$	\$			
7	TYPICAL DOUBLE TEE BEAM FLANGE SPALL WITH SEALAN, SEE DETAIL 4/S502	2077	SF	\$	\$			
8	TYPICAL VERTICAL JOINT SEALANT REPAIR, SEE DETAIL 6/S503	218	LF	\$	\$			
9	TYPICAL UNDERSIDE CRACK REPAIR, SEE DETAIL 7/S504	4479	LF	\$	\$			
10	TYPICAL TOP SIDE CRACK REPAIR, SEE DETAIL 8/S504	4337	LF	\$	\$			
11	TYPICAL VERTICAL CRACK REPAIR, SEE DETAIL 9/S505	<del>1293</del> -1297	LF	\$	\$			
12	TYPICAL VERTICAL SPALL REPAIR, SEE DETAIL 10/S505	73	SF	\$	\$			
13	TYPICAL CONCRETE TOP SIDE SPALL REPAIR, SEE DETAIL 11 ON DRAWING S- 506	139	SF	\$	\$			
14	TYPICAL DEEP SPALL REPAIR AT UNDERSIDE OF	108	SF	\$	\$			

AM2

AM2

		1		_	1
	CONCRETE DECK TYPICAL				
	FULL DEPTH SPALL REPAIR				
	AT UNDERSIDE OF CONC				
	DECK, SEE DETAIL 12/S506				
15	TYPICAL SHALLOW SPALL	704	SF	\$	\$
	REPAIR AT UNDERSIDE OF				
	CONCRETE DECK TYPICAL				
	DEEP SPALL REPAIR AT				
	UNDERSIDE OF CONCRETE				
	DECK, SEE DETAIL 13/S507				
16	TYPICAL REPAIR AT	11	SF	\$	\$
	HORIZONTAL LIFTING				
	POINT, SEE DETAIL 14/S507				
17	TYPICAL DOUBLE TEE WEB	44	SF	\$	\$
	SPALL REPAIR, SEE DETAIL			_	
	16/S508				
18	TYPICAL CONNECTION	147	SF	\$	\$
. •	PLATE REPAIR, SEE DETAIL			<b>*</b>	
	17/S509				
19	TYPICAL TRAFFIC TOPPING	<del>71581</del>	SF	\$	\$
	SYSTEM REPAIR BEARING	84,856	0.	Ψ	*
	MEMBRANE, SEE DETAIL	01,000			
	23/S513				
20	TYPICAL TRAFFIC	2	EA	\$	\$
	BOLLARD/DELINEATOR	_		Ψ	
	REPAIR, SEE DETAIL				
	24/S513				
21	INSTALL NEW PLASTIC CAP	14	EA	\$	\$
	AT VERTICAL LIFTING			Ψ	
	POINT, SEE DETAIL 25/S514				
22	LOCATIONS MARKED ON	1951	SF	\$	\$
	PLANS WITH MAP	1001	0.	Ψ	Ι Ψ
	CRACKING OR HONEYCOMB				
	SHALL BE CLEANED AND				
	COATED WITH				
	WATERPROOFING, SEE				
	DETAIL 30/S515				
23	LOCATIONS MARKED ON	135	SF	\$	\$
	PLANS WITH WATER		] .	*	<b>"</b>
	LEAKING ON WALL SHALL				
	BE CLEANED AND ANY				
	DETERIORATED JOINT				
	SHALL BE REPAIRED, SEE				
	DETAIL 31/S515				
24	TYPICAL INVERTED TEE	3	SF	\$	\$
Z4	SPALL REPAIR, SEE DETAIL	٦	ادا	Ψ	Ψ
	37/S517				
	01/0011		1		]

Page -30 Unit Price Schedule AMENDMENT NO.

QE.	TYDICAL STAID MOCINIO	2		T c	Φ.	
25	TYPICAL STAIR NOSING	2	SF	\$	\$	
	REPAIR, SEE DETAIL 38/S518					
20	TYPCIAL SILANE SEALER	222 270	C.E.	<u> </u>	•	
26	COATING SYSTEM, SEE	332,379	SF	\$	\$	
	•					
07	DETAIL 39/S519	4	DOC	<b>C</b>	Φ	
27	CORROSION ON DOOR	1	PCS	\$	\$	
	FRAME CORROSION ON					
	HANDRAIL, KEY NOTE 1B,					
00	SEE DETAIL A/A502	0.4		Φ.	Φ.	
<u>28</u>	CORROSION ON PIPE	<u>21</u>		<u>\$</u>	<u>\$</u>	AM2
	GUARD <u>1E</u> , SEE DWG. A-002.					
2 <u>9</u> 8	CORROSION ON	20	LF	\$	\$	A B.// O
	GUARDRAIL KEY NOTE 1G,					<u>AM2</u>
	SEE DWG. A-002					
<del>29</del> 30	CORROSION ON FENCING	50	LF	\$	\$	
	KEY NOTE 1H, SEE DWG. A-					
	002					
3 <u>1</u> 0	DAMAGED/ MISALIGNED	1	PCS	\$	\$	
	DOOR KEY NOTE 2C, SEE					
	DWG. A-002					
3 <u>2</u> 4	DAMAGED/ MISALIGNED	2	PCS	\$	\$	
	DOOR CLOSER KEY NOTE					
	2D, SEE DWG. A-002					
3 <u>3</u> 2	DISLODGED/ MISALIGNED	8	PCS	\$	\$	
	HANGING SIGN KEY NOTE					AM2
	2G DETAIL 1&2 ON A502					
3 <u>4</u> 3	DETACHED SAFETY STRIP	9	PCS	\$	\$	
	KEY NOTE 3D, SEE DWG. A-					
	002					
3 <u>5</u> 4	CHIPPED/ PEELED PAINT ON	<u>16</u> 35	PCS	\$	\$	
	BOLLARD KEY NOTE 4A,					<u>AM2</u>
	SEE DWG. A-002					
3 <u>6</u> 5	CHIPPED/ PEELED PAINT ON	17	PCS	\$	\$	
	PIPE GUARD KEY NOTE 4B,					
	SEE DWG. A-002					
3 <u>7</u> 6	CHIPPED/ PEELED PAINT ON	96	SF	\$	\$	
	HANDRAIL KEY NOTE 4C,					
	SEE DWG. A-002					
3 <u>8</u> 7	FADED OR MISSING	0	SF	\$	\$	A B.#.O
	PAVEMENT STOP BAR, KEY					AM2
	NOTE 5A SEE DWG. A-002					
3 <u>9</u> 8	FADED OR DOUBLE ADA	0	PCS	\$	\$	
	PAVEMENT MARKING, KEY					AM2
	NOTE 5B SEE DWG. A-002					
<u>40</u> 39	FADED OR DOUBLE-	0	SF	\$	\$	
	PARKING STRIPE, KEY NOTE					AM2
	5C SEE DWG. A-002					
<u>40</u> 39	NOTE 5B SEE DWG. A-002 FADED OR DOUBLE- PARKING STRIPE, KEY NOTE	0	SF	\$	\$	

	I	1 -		Τ	1 2	
4 <u>1</u> 0	FADED NO PARKING STRIPING, KEY NOTE 5D	0	SF	\$	\$	AM2
	SEE DWG. A-002					
4 <u>2</u> 1	FADED OR MISSING	0	LF	\$	\$	
	PAVEMENT ARROWS, KEY					<u>AM2</u>
	NOTE 5F SEE DWG. A-002					
4 <u>3</u> 2	DETACHED WEATHER	14	LF	\$	\$	
	STRIPPING, KEY NOTE 6B					
	SEE DWG. A-002					
4 <u>4</u> 3	MISSING ACOUSTICAL	48	SF	\$	\$	
	CEILING TILES, KEY NOTE					
	7A SEE DWG. A-002					
4 <u>5</u> 4	MISSING SIGN, KEY NOTE	1	PCS	\$	\$	
	7B SEE DWG. A-002					
46 <del>5</del>	MISSING HARDWARE, KEY	1	SET	\$	\$	
<u></u>	NOTE 7C SEE DWG. A-002					
47			DCC	<u></u>	<u></u>	
<u>47</u>	MISSING TRAFFIC	<u>6</u>	PCS	<u>\$</u>	<u>\$</u>	
	DELINEATOR <u>7H</u> , SEE DWG.					
400	A-002			Φ.	<u> </u>	
4 <u>8</u> 6	KEY NOTE 5G SEE DWG. A-	0	SF	\$	\$	AM2
407	STAINED/MANDALIZED	1	PCS	Φ.	<u> </u>	
4 <u>9</u> 7	STAINED/ VANDALIZED	1	PCS	\$	\$	AM2
	SIGN, KEY NOTE 8A SEE					
1050	DWG. A-002	120	SF	\$	\$	
48 <u>50</u>	PLANT ENCROACHMENT, KEY NOTE 9B SEE DWG. A-	120	SF	Ф	Ф	
<del>49</del> 51	002 DRAIN BODY CORROSION,	112	EA	\$	\$	
<del>48</del> 31	SEE KEYED NOTES ON A12-	<u> 1 1</u> ≠	EA	Ψ	Ψ	AM2
	P-001					
	F-001					
5 <u>2</u> 0	DRAINAGE PIPE	<u>20</u> \$-	LF	\$	\$	4440
	CORROSION, SEE KEYED					<u>AM2</u>
	NOTES ON A12-P-001					
5 <u>3</u> 4	REPLACE DRAIN GRATING	10	EALE	\$	\$	
_ <u>-</u>	WITH SAME TYPE AS		<u> </u>	T	*	A N/1 2
	EXISTING. SEE KEYED					AM2
	NOTES ON A12-P-001.					
54 <del>2</del>	REPLACE DRAIN GRATING,	1	EA	\$	\$	A B.#.O
	REPAIR 4 ON A12-P001		1 -7 -	T	*	AM2
5 <u>5</u> 3	REFERENCE ELECTRICAL	\$	LS	\$	\$	
<u></u>	CORRECTIVE ACTION	*		+	*	AM2
	DRAWING FOR A12-E-508					
	SCOPE OF WORK.					
	000; E 0; WOINK	I		L		

Page -32
Unit Price Schedule

AMENDMENT NO.

Total Base Work, West Falls Church Parking Garage	\$		
Total Base Work, Vienna Parking Garage	\$		
Total Base Work, Largo South Parking Garage	\$		
Total Base Work, Largo North Flint Parking Garage	\$		
Total Base Work, White Flint Parking Garage	\$		
Total Base Work, New Carrollton Parking Garage	\$		
RAILROAD PROTECTIVE LIABILITY WAIVER FEE	\$42,061.21		
Total Bid Price (West Falls Church Parking Garage; Vienna Parking Garage; Largo South Parking Garage; Largo North Parking Garage; White Flint Parking Garage; New Carrollton Parking Garage)	\$		

AM<sub>2</sub>

<u>AM2</u>

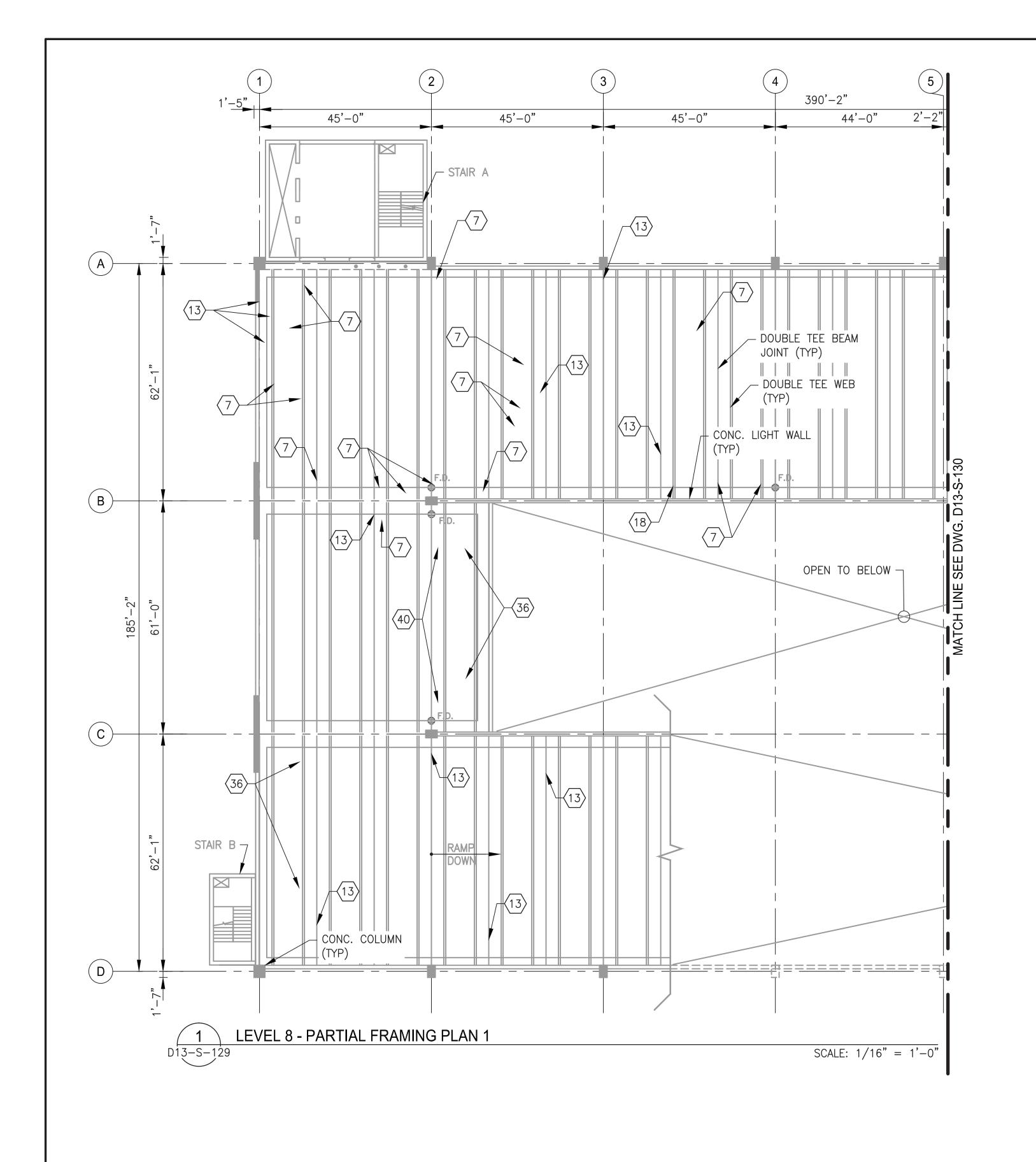
### NOTES TO BIDDERS:

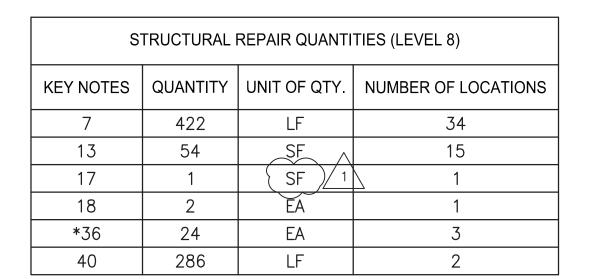
- The Contract will be awarded on the basis of the lowest responsive Total Bid Price from a responsible Bidder. A single Contract will be awarded.
- 2. The Bidder must bid on all items. Failure to bid on all items shall result in bid rejection.
- Any bid which is materially unbalanced as to prices for the various items may be rejected as nonresponsible. A materially unbalanced bid is one which is based on prices which are materially overstated for other work.
- 4. Prices The prices shall constitute full compensation for all costs of performance under this contract, including but not limited to: labor, materials, equipment, supervision, quality control, testing, safety including without limitation Safety Superintendent costs, transportation, project management including without limitation Project Manager costs, overhead, profit, tax, bonds and other items necessary to complete the work.
- Prices shall be firm fixed and shall not be subject to any change during the Period of Performance of the Contract.
- 6. The Bidder must furnish a Bid Guarantee in accordance with the Invitation for Bid for the Total Bid Price.
- 7. Performance and Payment Bonds The Performance and Payment Bonds shall be based upon the initial Notice of Award amount in accordance with Section 00600 Bonds and Certificates.

- 8. WMATA Railroad Protective Liability Program Option See Section 00777 Indemnification and Insurance. The Authority may offer to waive the requirement for the Contractor to procure RRP if 1) the work can be covered under the Authority's blanket RRP program, and 2) the Contractor prepays the waiver fee which shall be determined by the rate schedule promulgated by the insurer in effect as of the effective date of this Contract. Contractor shall be advised of and pay the applicable waiver, or procure a standalone RRP policy on the Authority's behalf.
  - If the contractor chooses to not utilize the WMATA RRPL, then WMATA will reimburse the Contractor for the actual cost with no markups up to the amount (not allowance) that would have been paid for the WMATA waiver fee. For Bidding purposes the Railroad Protective Liability Insurance Allowance amount listed in the Unit Price Schedule **shall not be changed** by the Bidder.
- 9. The Bidder is advised that this Contract contains Davis-Bacon provisions. The Contractor will be required to submit certified payrolls on a weekly basis. Also, the Authority will monitor compliance by performing Labor Standards Interviews of the labor force. The Authority will hold retainage in a sufficient amount as may be considered necessary for any underpayment of wages and/or fringes until they are fully resolved in accordance with the Labor Provisions of the contract. The Contractor is obligated to pay the minimum wage rates as listed in <u>Appendix D Wage Rates</u> of this Contract throughout the Period of Performance including any or all Options, and are not entitled to change orders for increased costs associated with any change in the wage rate requirements made after Notice of Award effective date.
- 10. DBE data (See Appendix B) shall be submitted with the bid; applies only if total bid price (base plus option) is \$500,000 or more.

- at all spalls as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of deteriorated concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired spall shall be reported in square feet (SF) to the nearest on one square foot.
- n. Typical Deep Spall Repair At Underside Of Concrete Deck, See Detail 12/S506. Repair of spalls on underside surfaces in accordance with Specification Section 03010 at all deep spalls as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of deteriorated concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired spall shall be reported in square feet (SF) to the nearest on one square foot.
- o. Typical Shallow Spall Repair At Underside Of Concrete Deck, See Detail 13/S507. Repair spalls on underside surfaces in accordance with Specification Section 03010 at all shallow spalls as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of deteriorated concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired spall shall be reported in square feet (SF) to the nearest on one square foot.
- p. Typical Repair At Horizontal Lifting Point, See Detail 14/S507. Repair to horizontal lifting points on surfaces in accordance with Specification Section 03010 at all lifting points as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of deteriorated concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired lifting point shall be reported in square feet (SF) to the nearest on one square foot.
- q. Typical Deteriorated Concrete Wash Repair, See Detail 15/S508, Repair concrete wash surfaces in accordance with Specification Section 03010 as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of deteriorated concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired lifting point shall be reported in square feet (SF) to the nearest on one square foot.
- r. Typical Double Tee Web Spall Repair, See Detail 16/S508. Repair spalls on vertical web surfaces in accordance with Specification Section 03010 at all spalls as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of repaired concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired spall shall be reported in square feet (SF) to the nearest on one square foot.
- s. Typical Connection Plate Repair, See Detail 17/S509. Repairs on surfaces in accordance with Specification Section 03010 at all connection plates as indicated in the Project Drawings and as directed by Quality Control Engineer or the AR. The area of deteriorated concrete will be measured to the nearest square foot and recorded on the as-built drawings. The area of each repaired spall shall be reported in square feet (SF) to the nearest on one square foot.

AM<sub>2</sub>

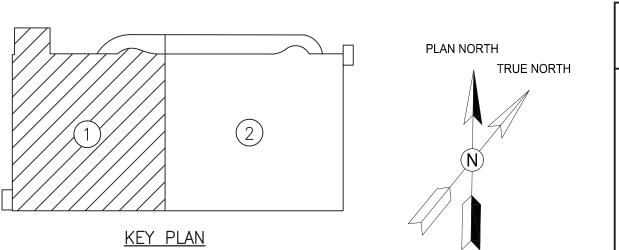


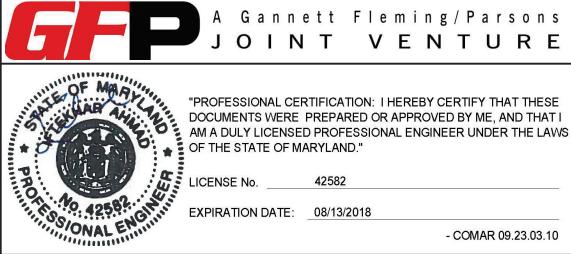


\* NOTE: FOR SEVERE LONGITUDINAL CRACKS IN DOUBLE TEE FLANGE, REPAIR DETAIL 36/S-517 SHALL BE PROVIDED.

# DRAWING NOTES:

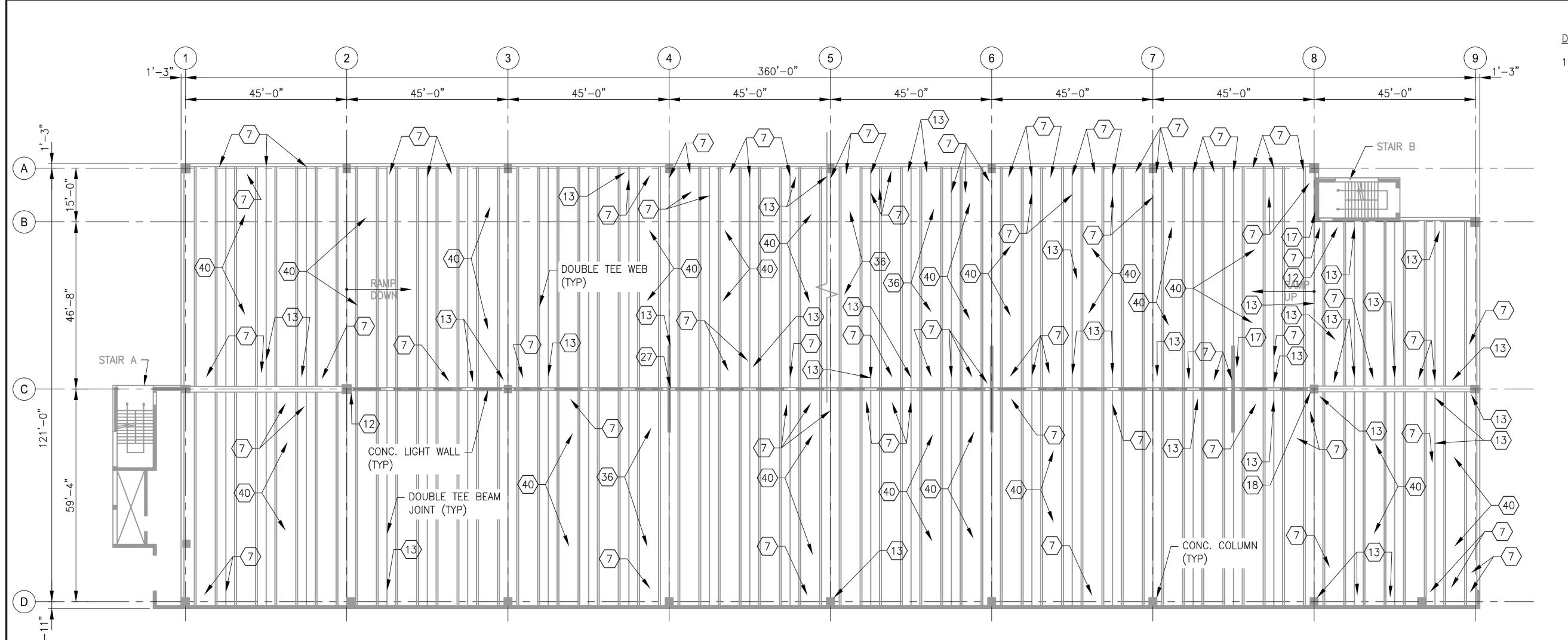
1. SEE DRAWING D13-S-002 FOR THE LIST OF KEY NOTES.





- COMAR 09.23.03.10

DESIGNED M. PARK 01/2018	REFERENCE DRAWINGS NUMBER TITLE	REVISIONS DATE NUM DESCRIPTION	WASHINGT	ON METROPOL	ITAN AREA TRANSIT AU	JTHORITY				I OF PARKING GARAG	
DATE  DRAWN  L. NGUYEN  DATE  DATE  DATE  DATE  DATE  01/2018  DATE  CHECKED  L. KATSMAN  01/2018		01/25/2018 0 FINAL SUBMITTAL 06/01/2018 1 AMENDMENT #4	OI		AND CONSTRUCTION ED FACILITIES			ים		LEVEL 8 FRAMING PLAN 1	VIOL
DATE			APPROVED  JOHN PURDY ENGINEERING MANAGER	01/25/2018 DATE	APPROVED  IFTEKHAR AHMAD ENGINEER OF RECORD	01/25/2018 DATE	– м NO. М1301	CONTRACT NO. FQ18064	SCALE 1/16" = 1'-0"	DRAWING NO. D13-S-129	SHEET NO. 116 of 503



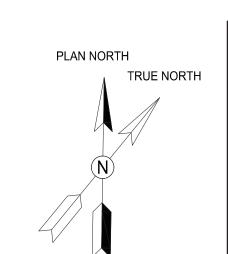
# **DRAWING NOTES:**

 SEE DRAWING G05-S-002 FOR THE LIST OF KEY NOTES.

S	STRUCTURAL REPAIR QUANTITIES (LEVEL 5)							
KEY NOTES	QUANTITY	UNIT OF QTY.	NUMBER OF LOCATIONS					
7	1,261	LF	78					
12	9	SF	2					
13	225	SF ^	△ 37					
17	10	SF <u>/ 1</u>	2 2					
18	2	EA	1					
27	4	SF	1					
*36	24	EA	3					
40	1,140	LF	19					

<sup>\*</sup> NOTE: FOR SEVERE LONGITUDINAL CRACKS IN DOUBLE TEE FLANGE, REPAIR DETAIL 36/S-517 SHALL BE PROVIDED.

DATE



		ett Fleming/Parsons T VENTURE
OF MAR	DOCUMENTS WERE	TIFICATION: I HEREBY CERTIFY THAT THESE PREPARED OR APPROVED BY ME, AND THAT I PROFESSIONAL ENGINEER UNDER THE LAWS RYLAND."
3 5	LICENSE No.	42582
0 4258 GINIT	EXPIRATION DATE:	08/13/2018
WALES		- COMAR 09.23.03.10

				REFERENCE DRAWINGS			REVISIONS		WASHI
550101155	M. PARK	01/2018	NUMBER	TITLE	DATE	NUM	DESCRIPTION	metro	
DESIGNED	WI. FAIN	DATE			01/25/2018	0	FINAL SUBMITTAL	IIIetio	
DRAWN	L. NGUYEN	01/2018			05/15/2018	1	AMENDMENT #2	]	
DRAWN	2.11001211	DATE			06/01/2018	2	AMENDMENT #4	]	
CHECKED	L. KATSMAN	01/2018						]	
0.1201125		DATE						APPROVED	7
1								JOHN PURI	
								1	RING MANAGER

LEVEL 5 - FRAMING PLAN

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

OFFICE OF DESIGN AND CONSTRUCTION

IRPG - FIXED FACILITIES

O1/25/2018

APPROVED

O1/25/2018

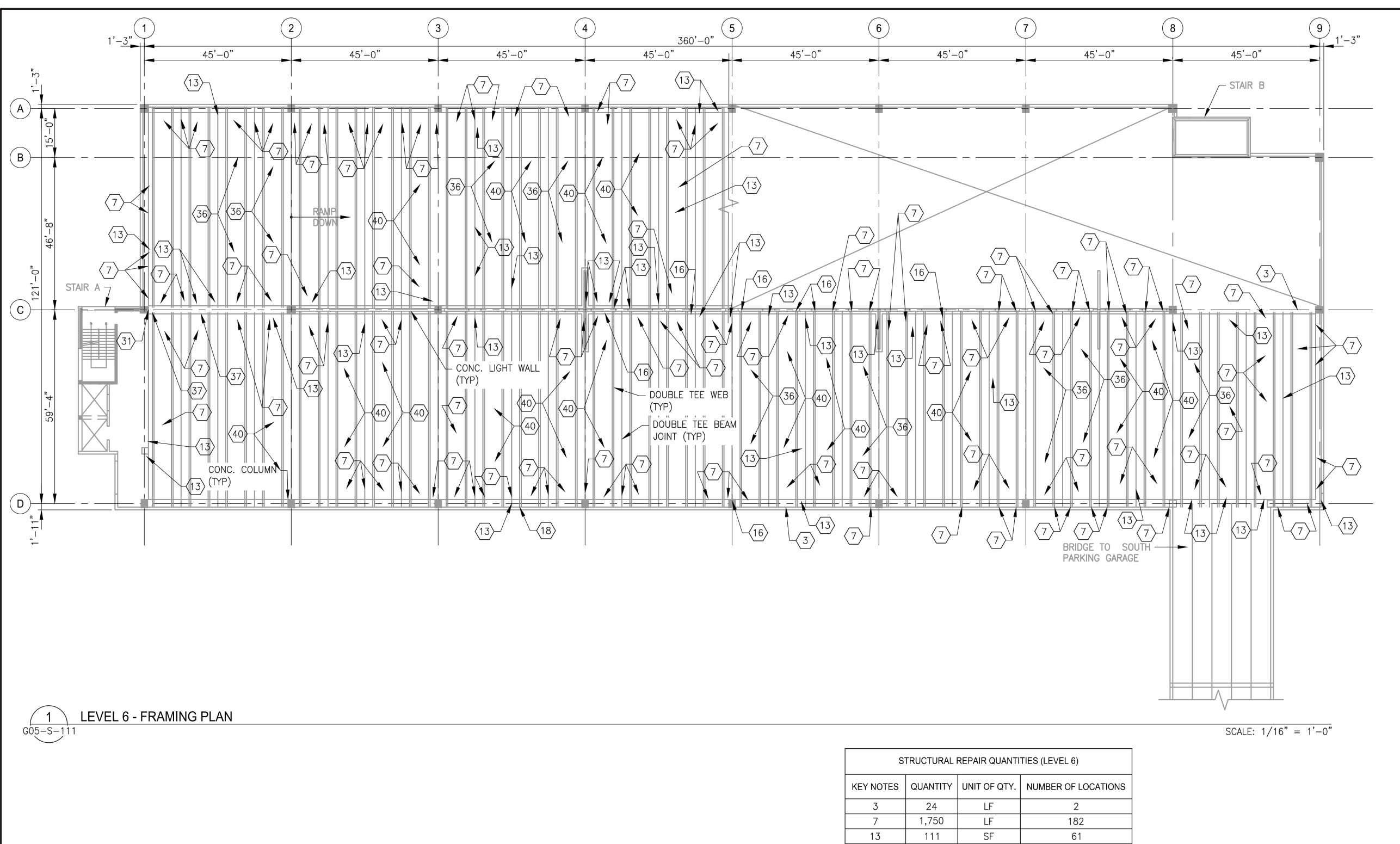
IFTEKHAR AHMAD

ENGINEER OF RECORD

G05 - LARGO TOWN CENTER - NORTH PARKING GARAGE
LEVEL 5
FRAMING PLAN

		FRAMIII	NG PLAN	
M NO.	CONTRACT NO.	SCALE	DRAWING NO.	SHEET NO.
M1301	FQ18064	1/16" = 1'-0"	G05-S-110	199 of 503

REHABILITATION OF PARKING GARAGES



ENGINEERING MANAGER

**DRAWING NOTES:** 

1. SEE DRAWING G05-S-002 FOR THE LIST OF KEY NOTES.

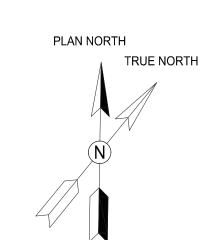
16 12 SF )/ 17 EA 18 SF 31 65 \*36 71 37

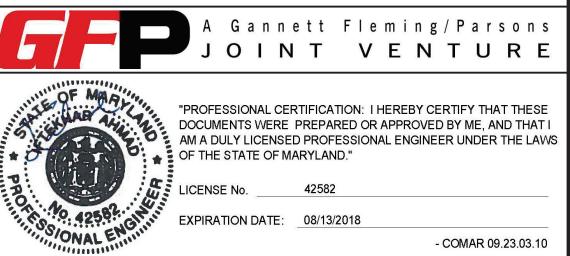
\* NOTE: FOR SEVERE LONGITUDINAL CRACKS IN DOUBLE TEE FLANGE, REPAIR DETAIL 36/S-517 SHALL BE PROVIDED.

IFTEKHAR AHMAD

ENGINEER OF RECORD

DATE





Г					REFERENCE DRAWINGS			REVISIONS	metro*	۱۸
L		M DADK	01/2018	NUMBER	TITLE	DATE	NUM	DESCRIPTION	metro.	٧١
L	DESIGNED	M. PARK	DATE			01/25/2018	0	FINAL SUBMITTAL	metro	
L		L. NGUYEN	01/2018			06/01/2018	1	AMENDMENT #4		
L	DRAWN	<u>E. NOOTEN</u>	DATE						]	
L	CHECKED	L. KATSMAN	01/2018							
L	OHLONED		DATE						APPROVED	
									ATTROVED	
						-			JOHN PURD	ŊΥ

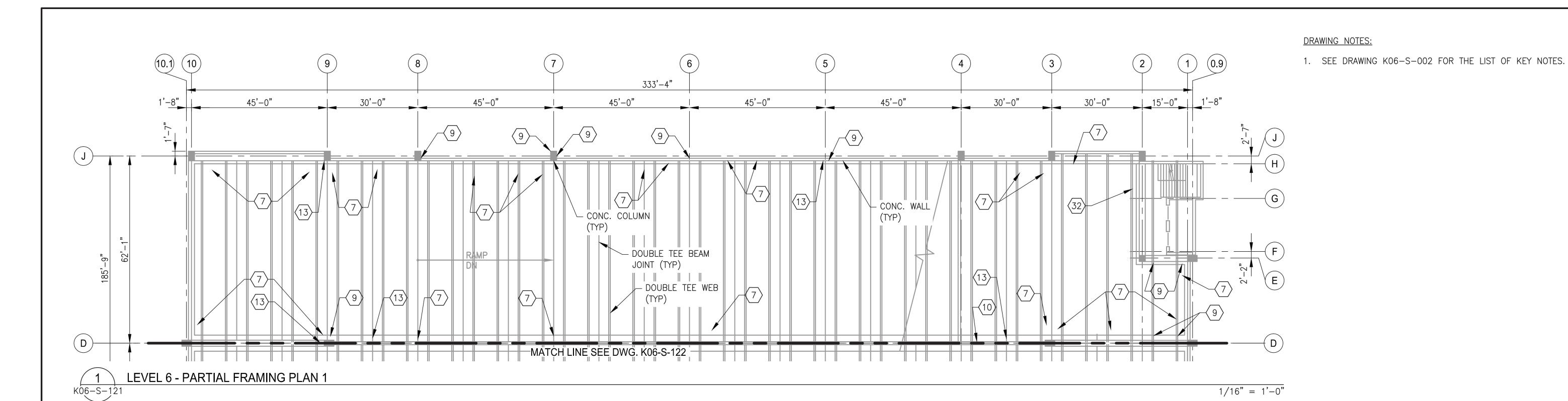
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY OFFICE OF DESIGN AND CONSTRUCTION IRPG - FIXED FACILITIES 01/25/2018 01/25/2018

FRAMING PLAN DRAWING NO. CONTRACT NO. SCALE SHEET NO. FQ18064 1/16" = 1'-0" G05-S-111 200 of 503

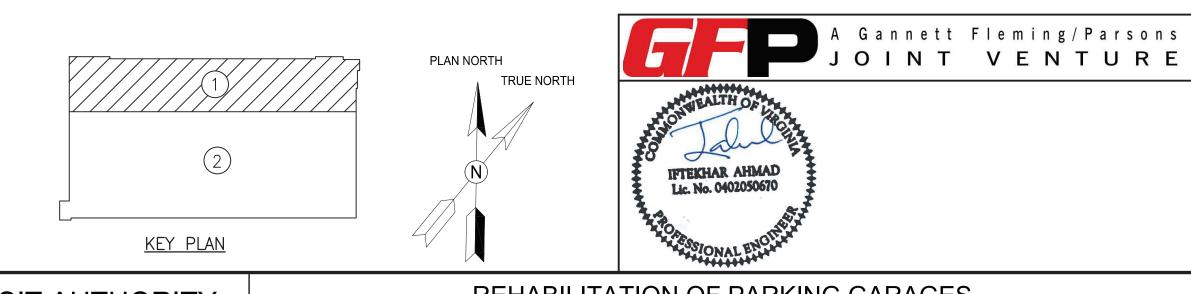
REHABILITATION OF PARKING GARAGES

G05 - LARGO TOWN CENTER - NORTH PARKING GARAGE

LEVEL 6



STRUCTURAL REPAIR QUANTITIES (LEVEL 6)								
KEY NOTES	QUANTITY	UNIT OF QTY.	NUMBER OF LOCATIONS					
7	842	LF	148					
9	288	LF	125					
10	6	SF	3					
11	3	SF	1					
12	2	SF	1					
13	36	SF ^	21					
17	1	SF )/ 1	1					
28	20	LF	1					
31	10	SF	2					
32	2	EA	1					
40	65	LF	2					



DESIGNED M. PARK 01/2018	REFERENCE DRAWINGS NUMBER TITLE	DATE NUM DESCRIPTION	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  REHABILITATION OF PARKING GARAGES  K06 - WEST FALLS CHURCH PARKING GARAGE
DATE  DRAWN L. NGUYEN 01/2018  DATE  CHECKED L. KATSMAN 01/2018		01/25/2018 0 FINAL SUBMITTAL  06/01/2018 1 AMENDMENT #4	OFFICE OF DESIGN AND CONSTRUCTION  LEVEL 6  PARTIAL FRAMING PLAN 1
DATE			APPROVED 01/25/2018 O1/25/2018 O1