# May 2020 Monthly Operations Report











## **Table of Contents**

1.0	Volumes and Lane Usage	3
2.0	Revenues	5
3.0	Operational Incidents, Issues, and Closures	5
4.0	Mean Time Between Failure (MTBF) and Mean Time to repair (MTTR)	8
5.0	Hybrid Utilization	8
TABL		
Table	le 1 – Monthly Traffic Summaries	4
	le 2 – Managed Lanes Closures to Date	
Table	le 3 – ETCS Issues per CA Schedule 6 Appendix 6-2	7
Table	le 4 - Status of Noncompliance Categories	7
Table	le 5 – Mean Time Between Failure & Mean Time To Repair	8
Table	le 6 – Hybrid Utilization	8
FIGU		
Figur	re 1 – Monthly Traffic Distribution	4
Figur	re 2 – Daily Traffic Counts	5





# INTRODUCTION

Pursuant to Schedule 6, Section 1.8.2(a) of the Concession Agreement, Plenary Roads Denver ("PRD") is required to submit a monthly report covering all essential statistics related to the Managed Lanes. The following data covers the month of May 2020. Operationally, May was a positive month. Several routine maintenance tasks were completed, there were minimal incidents to maintained elements, and traffic volumes were consistent with expectations.

#### 1.0 VOLUMES AND LANE USAGE

Over the last several months as more commuters use the transponders for either ExpressToll™ (AVI) or HOV travel, License Plate (LPT) transactions have consistently decreased as a percentage of total traffic volume. The total monthly gantry traffic volume for May 2020 in the I-25 Central and US 36 Managed Lanes was 72,467 and 261,298, respectively.

The table below provides the monthly summary for each Managed Lanes roadway, along with a detailed breakdown of weekday volumes. For reference, the AM Peak Period is considered to be weekdays from 6:45 am – 8:45 am. The PM Peak Period is considered to be, weekdays, from 4:15pm – 5:45pm. It should be noted, that the I-25 Managed Lane traffic reflects traffic counts from a single gantry and US 36 Managed Lane counts reflect fourteen gantries, seven gantries in each direction. Therefore, US 36 data will indicate far greater traffic counts that are not comparative to those of I-25.

The following charts depict the distribution of traffic by type (Figure 1) and the daily traffic counts (Figure 2) and for the month.

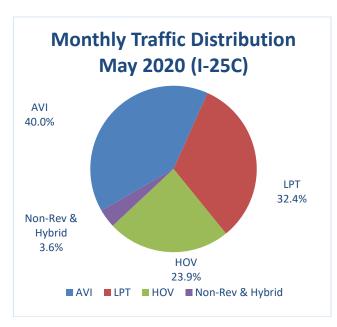
	Traffic	Summary (	(US 36)			
	AVI	LPT	HOV	Non-Rev & Hybrid	Total	Hybrid
Total Monthly Traffic	114,037	72,716	67,624	6,921	261,298	•
Maximum Weekday Traffic	6,460	3,958	3,387	355	13,707	1
Average Weekday Traffic	4,474	2,755	2,198	265	9,692	-
Average Hourly AM Peak Traffic	332	179	130	27	668	N/A
Average Hourly PM Peak Traffic	518	305	255	26	1,104	N/A





	Traff	ic Summary (	(I-25C)			
	AVI	LPT	HOV	Non-Rev & Hybrid	Total	Hybrid
Total Monthly Traffic	29,022	23,501	17,316	2,628	72,467	1
Maximum Weekday Traffic	1,994	1,785	889	128	4,727	1
Average Weekday Traffic	1,222	988	657	105	2,867	1
Average Hourly AM Peak Traffic	108	100	69	9	277	N/A
Average Hourly PM Peak Traffic	137	105	84	10	326	N/A

Table 1 - Monthly Traffic Summaries



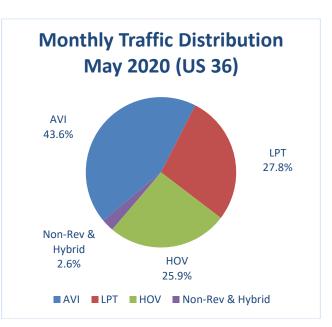
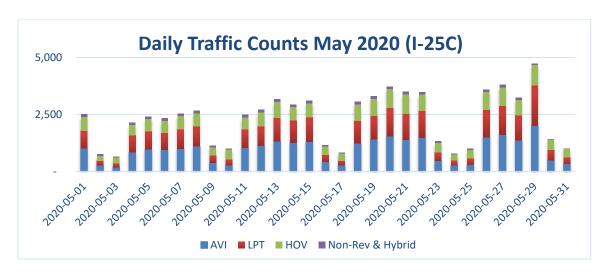


Figure 1 – Monthly Traffic Distribution







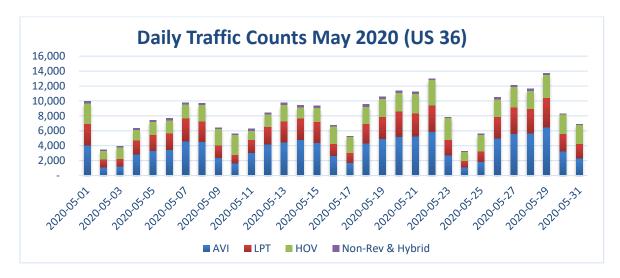


Figure 2 - Daily Traffic Counts

#### 2.0 REVENUES

During the month of May 2020, PRD collected \$208,293 and \$183,508 from users of the I-25 Central and US36 Managed Lanes, respectively. For purposes of this report, revenues are recognized at the time of collection, which is typically sometime after they have been incurred for those customers who are billed based on their license plate. For example, if a single-occupant vehicle uses the lanes in October but pays in January, the associated revenue is attributed to January.

#### 3.0 OPERATIONAL INCIDENTS, ISSUES, AND CLOSURES

The project had numerous routine debris removals, lighting incidents, guardrail incidents, sign incidents, and graffiti control during the month. The routine lighting, guardrail, roadway markings and sign incidents are all planned for repair within the allowable response period and several previously identified lighting incidents were repaired. All incidents were responded to and rectified within the allowable timeframes.

Date	Start	Stop	Duration
July 5, 2019	15:42	16:27	0:45
July 9, 2019	17:30	18:15	0:45
July 10, 2019	13:35	14:32	0:57
July 12, 2019 - October 4,	19:15	05:00	2,145:45
2019			(89 Days 9 Hours and 45
			Minutes)
July 25, 2019	08:57	10:10	1:13





August 1, 2019	15:42	16:55	1:13
August 12, 2019	08:02	08:54	0:52
August 12, 2019	18:36	19:01	0:25
August 15, 2019	15:46	16:17	0:31
August 16, 2019	05:46	07:36	1:50
August 23, 2019	08:22	09:21	0:59
August 26, 2019	15:50	16:32	0:42
September 3, 2019	07:46	08:17	0:32
September 13, 2019	15:48	16:30	0:42
September 16, 2019	12:50	13:27	0:37
October 3, 2019	06:48	07:21	0:33
October 4, 2019	07:40	08:14	0:34
October 10, 2019	10:00	11:48	1:48
October 10, 2019	10:33	11:18	0:45
October 15, 2019	09:06	09:43	0:37
October 21, 2019	16:03	17:39	1:36
October 21, 2019	16:46	18:14	1:28
October 28, 2019	06:00	06:45	0:45
October 30, 2019	09:41	10:25	0:44
October 31, 2019	16:03	17:39	1:36
November 4, 2019	18:32	19:27	0:55
November 6, 2019	07:19	08:00	0:41
November 22, 2019	05:35	06:43	1:08
November 22, 2019	17:41	18:50	1:09
November 26, 2019	12:35	15:48	3:13
December 4, 2019	18:26	19:24	0:58
December 11, 2019	18:41	19:26	0:45
December 12, 2019	11:45	12:23	0:38
December 12, 2019	14:31	15:55	1:24
December 16, 2019	15:52	17:20	1:28
December 16, 2019	18:26	19:23	0:57
December 17, 2019	15:56	16:21	0:25
December 17, 2019	18:06	19:06	1:00
December 18, 2019	18:25	19:13	0:48
· · · · · · · · · · · · · · · · · · ·	·	·	· · · · · · · · · · · · · · · · · · ·





January 6, 2020	17:52	18:45	0:53
January 14, 2020	09:23	09:56	0:33
January 15, 2020	07:41	09:14	1:33
January 16, 2020	18:10	18:48	0:38
January 23, 2020	17:22	17:52	0:30
January 27, 2020	18:24	20:00	1:36
January 31, 2020	15:33	17:22	1:49
February 4, 2020	06:23	07:37	1:14
February 4, 2020	07:37	08:25	0:48
February 7, 2020	17:15	17:43	0:28
February 10, 2020	09:30	10:15	0:45
February 26, 2020	18:40	20:30	1:50
March 4, 2020	15:00	15:35	0:35
March 9, 2020	12:04	13:25	1:21
March 19, 2020	09:50	11:12	1:22
April 20, 2020	05:35	06:40	1:05
Total			2,200 hours 43 minutes
Remaining Closure Hours Available (Ref: CA 29.7)			0 hours 0 minutes

Table 2 – Managed Lanes Closures to Date

The table below provides a listing of ETCS items recorded this month, consistent with Appendix 6-2 of Schedule 6.

Elen	nent ID	Cat	Element	Performance Item	PRD Notified	Contractual Cure Period	Cure Achieved
N	one						

Table 3 – ETCS Issues per CA Schedule 6 Appendix 6-2

The table below provides a status of all Noncompliance categories in accordance with paragraph 1.2 of Schedule 10.

Non- compliance Location	Nature	Cause	Cure Date	Uncured Non- compliance Point	Unexpired Non- compliance Point	365 Day Expiration Date	1095 Day Expiration Date
None							





**Table 4 – Status of Noncompliance Categories** 

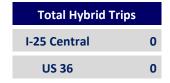
## 4.0 MEAN TIME BETWEEN FAILURE (MTBF) AND MEAN TIME TO REPAIR (MTTR)

Mean Time Between Failure (MTBF) and Mean Time To Repair (MTTR) data is provided in the table below. Only Maintained Elements that were repaired during the reporting period and had a failure type breakdown are listed in the table. We consider a breakdown to be a failure when the element cannot be used for its intended purpose until repaired.

Maintained Element	Mean Time Between Failure (MTBF) (Hours)	Mean Time To Repair (MTTR) (Hours)
None	N/A	N/A

Table 5 – Mean Time Between Failure & Mean Time To Repair

#### 5.0 HYBRID UTILIZATION



**Table 6 – Hybrid Utilization** 

Fuel-efficient "Hybrid" vehicles are permitted to access the Express Lanes free of charge, regardless of occupant numbers, provided that they have obtained a permit from CDOT, obtained a Hybrid transponder from E-470, and display an E-470 Hybrid decal on the vehicle's windshield.





# OPERATIONS AND MAINTENANCE MONTHLY REPORT MAY 2020

US 36 and I-25 Express Lanes Project



Plenary Roads Denver, LLC 1700 Lincoln Street, Suite 3000 Denver, CO 80203

Attention: Mr. Christian Guevara, PE



### Prepared By:

Ferrovial Services 10525 West 120<sup>th</sup> Avenue Broomfield, CO 80021 United States of America

Justin Doles, PE Project Manager





# OPERATIONS AND MAINTENANCE – MONTHLY REPORT MAY 2020 US 36 and I-25 Express Lanes Project

Revision	Date	Approved
Rev. 0	06/07/2020	Just Dela

This report titled *Operations and Maintenance Monthly Report, May 2020* has been prepared by Ferrovial Services for the exclusive use of Plenary Roads Denver, LLC (PRD). No other party is an intended beneficiary of this report or the information, opinions, and conclusions contained herein. Any use by any party other than PRD of any of the information, opinions, or conclusions is the sole responsibility of said party. The use of this report shall be at the sole risk of the user regardless of any fault or negligence of PRD or Ferrovial Services.

The information and analyses contained herein have been completed to a level of detail commensurate with the objectives of the assignment and in light of the information made available to Ferrovial Services at the time of preparation. This report and its supporting documentation have been reviewed and/or checked for conformance with industry-accepted norms. To the best of the information and belief of Ferrovial Services, the information presented in this report is accurate to within the limitations specified herein.

This report is Ferrovial Services pdf file: OM Monthly Report May 2020.pdf. Any reproductions or modifications of this report are uncontrolled and may not be the most recent revision.





The O&M Monthly Report contains all relevant information for the month of May 2020. Ferrovial Services continues ongoing and preventive maintenance activities for the I-25 and US36 Managed Lanes Project.

## Ferrovial Services Commitment to Safety

Ferrovial Services conducted weekly toolbox talk meetings during the month. The purpose of the toolbox talks is to cover important safety items that relate to the project such as near misses, "better ways" as to how safety is conducted for the Project, and discussion on safety procedures for maintenance activities. In addition to the toolbox talks, Ferrovial Services conducts a weekly progress meeting. This is a forum for feedback from staff on Operations, Incident Response, and Maintenance activities.

Toolbox Talks this month included:

- Workplace Violence
- Dehydration and Hot Weather
- Fall Protection
- Buried Utilities

# A. Summary of the Planned Maintenance Activities for the Upcoming Month – June 2020

Ferrovial Services has identified the upcoming planned maintenance activities as described in Table 1.7.1.3 of The Maintenance Management Plan. These activities include preventative and routine maintenance in order to successfully operate and maintain the Project. A listing of the planned maintenance activities for the month of June 2020 is included below.





## FIG. A-1 Planned Maintenance Activities for June 2020

*X* – *Indicates the day the task is planned.* 

Performance Standard Identification	Work Activity-	Frequency			Jun-20																											
Number (Table	Description		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6.1)			м	Т	w	Т	F	s	s	М	Т	w	Т	F	s	s	М	Т	w	Т	F	s	S	М	Т	w	Т	F	s	S	М	Т
ML-1	MAINTENANCE PATROL	Daily	х	х	х	х	х			х	х	х	х	х			х	х	х	х	х			х	х	х	х	х			х	х
ML-1	FLEXIBLE PAVEMENT OBSERVATION / REPAIR	F-52																														
ML-1	RIGID PAVEMENT OBSERVATION / REPAIR	F-52	х							х							х							х							х	
ML-10	CRACK SEALING	F-1																						х	х	х	х					
ML-4	DELINEATORS & MARKERS OBSERVE / CLEAN /	F-12				х							х														х					
ML-2	DRAINAGE STRUCTURE (INLET) INSPECTION	F-1		х																												
ML-2	DRAINAGE (INLET) OBSERVE/ CLEAN /	F-12		х																												
ML-2	DRAINAGE (PIPE/CULVERT) OBSERVE	F-12		х																												
ML-6	SIGN OBSERVATION / REPAIR	F-52	х							х							х							х							х	
	STREET LIGHTING OBSERVATION / REPAIR	F-52	х	х	х	х																										
MI-8	ELECTRICAL SUPPLY INSPECTION / REPAIR	F-12																х														
	ACCESS PANEL OBSERVATION / REPAIR	F-12																х														
ML-10	HERBICIDE & WEED CONTROL MAINTENANCE	F-52					х							х							х							х				
ML-12	GRAFFITI OBSERVATION / REMOVAL	F-52	х	х						х							х							х							х	
ML-14	MECHANICAL ROAD SWEEPING	F-12															х	х	х	х												
ML-14	LITTER OBSERVATION / REMOVAL	Daily	х	х	х	х	х			х	х	х	х	х			х	х	х	х	х			х	х	х	х	х			х	х
ML-15	NODE BUILDING 2 MAINTENANCE	F-1																														
	SAND STORAGE DOME MAINTENANCE	F-1																														
ML-15	LIQUID STORAGE FACILITY MAINTENANCE	F-1																														
	REVERSIBLE LANE OPERATIONS	Daily	х	х	х	х	х			х	х	х	х	х			х	х	х	х	х			х	х	х	х	х			х	х

Frequency of Activity:

Daily – Daily Activity F-4 – Quarterly Activity

F-52 – Weekly Activity

F-2 – Semi-Annual Activity

F-12 – Monthly Activity

F-1 – Annual Activity







# B. Summary of Performed and Completed Maintenance Activities

## Fig. B-1 Performed and Complete Maintenance Activities for May 2020

X Indicates the day of the month that the task was completed.

Performance Standard Identification	Work Activity-	Frequency															Ma	ay-20															
Number (Table	Description		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
6.1)			F	s	S	М	Т	w	Т	F	S	S	М	Т	w	Т	F	S	s	М	Т	W	Т	F	s	S	М	Т	w	Т	F	S	S
ML-1	MAINTENANCE PATROL	Daily	х			x	x	х	x	x			х	x	x	х	x			x	х	X	x	х				X	X	X	x		
ML-1	FLEXIBLE PAVEMENT OBSERVATION / REPAIR	F-52				х							х							X								X					
ML-1	RIGID PAVEMENT OBSERVATION / REPAIR	F-52				х							х							X								X					
ML-10	CRACK SEALING	F-1																										X	X	X	x		
ML-4	DELINEATORS & MARKERS OBSERVE / CLEAN /	F-12							X							x							х							X			
ML-2	DRAINAGE STRUCTURE (INLET) INSPECTION	F-1						х						Х																			
ML-2	DRAINAGE (INLET) OBSERVE/ CLEAN /	F-12				х	x	х	X	X			х	X	Х	x	х			X	x	Х	х	X				х					
ML-2	DRAINAGE (PIPE/CULVERT) OBSERVE	F-12				х	x	х	x	X			х	х	х	х	х			X	x	Х	x	X				х					
ML-6	SIGN OBSERVATION / REPAIR	F-52				x							x							X								X					
ML-8	STREET LIGHTING OBSERVATION / REPAIR	F-52				х							х							X								X					
ML-8	ELECTRICAL SUPPLY INSPECTION / REPAIR	F-12								X																							
ML-8	ACCESS PANEL OBSERVATION / REPAIR	F-12								X																							
ML-10	HERBICIDE & WEED CONTROL MAINTENANCE	F-52	х						x	x							х						x	X						X	X		
ML-12	GRAFFITI OBSERVATION / REMOVAL	F-52				X							X							X							X						
ML-14	MECHANICAL ROAD SWEEPING	F-12																		X	X	X	X	X									
ML-14	LITTER OBSERVATION / REMOVAL	Daily				X	x	x	X	X			X	X	X	x	X			X	X	X	x	X			X	X	X	X	X		
ML-15	NODE BUILDING 2 MAINTENANCE	F-1															X																
ML-15	SAND STORAGE DOME MAINTENANCE	F-1															X																
ML-15	LIQUID STORAGE FACILITY MAINTENANCE	F-1															X																
	REVERSIBLE LANE OPERATIONS	Daily				X	x	х	X	X			х	X	X	x	X			X	x	X	х	X			X	X	X	X	X		

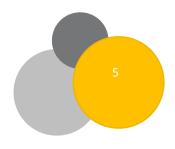






Fig. B-2 Work Accomplished This Month

Activity	<b>Actual Work</b>
103.00 Inspection and Patrol (HR)	10
152.00 Flex Patch /Minor Repairs (SY)	105
152.10 Rigid Pavement Patch (SY)	123
156.10 Crack Seal Rigid Pavement (GAL)	1.5
202.00 Drain Str Maint (EA)	48
216.00 Fence Maint (LF)	110
218.00 Litter Removal (CY)	30.3
218.99 Debris in Roadway (CY)	6
218.98 Graffiti Removal (SF)	560
220.00 Sweeping Machine (MI)	78.4
256.00 Veg Control Pesticd (ACR)	17
302.00 Sign Single Post Maint (EA)	4
304.00 Delineator Maint (EA)	67
314.00 Reversible Lane Operations (HR)	281
314.99 Traffic Gate Maint (EA)	2
316.00 Attenuator Maint (EA)	4
329.00 Courtesy Assist (HR)	409.5
364.00 Structure Expn Joint Maint (FT)	2703

# C. Summary of Planned Maintenance that was Not Completed for the Month

Ferrovial Services completed all scheduled maintenance activities for the period of May. Frequencies and/or actual date of the month of some activities may have been adjusted based on actual conditions.

# D. Summary of the Maintenance Activities and Results Performed for the Month Beyond Planned Maintenance

A summary of unplanned maintenance activities provided below:

Snow and Ice Control: None

Courtesy Patrol: None

Hazardous Materials Incidents: None







# E. Operating Contractor's Incident Response Logs Related to Maintenance Activities

This section provides a summary of Ferrovial Services performance related to the Performance and Measurement Criteria listed in Appendix 6-1.1 of the Operating Contract.

The table below provides a listing of items recorded this month:

Element Category	Description	Location	Notified	Response to Defects		
Category				Category 1		Category 2
				Hazard Mitigation	Permanent Remedy	Permanent Repair
ML8.1	Lighting (South Out)	MP 56.10	2/5/2020 22:00:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (East Out)	MP 214.80	2/5/2020 22:10:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (East Out)	MP 56.10	2/5/2020 22:12:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (East Out)	MP 55.90	2/5/2020 22:15:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (East Out)	MP 55.70	2/5/2020 22:16:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (West Out)	MP 56.40	2/5/2020 22:18:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (All Out)	MP 214.70	2/5/2020 22:20:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (All Out)	MP 215.50	2/5/2020 22:22:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (South Out)	MP 56.70	2/5/2020 22:25:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML8.1	Lighting (All Out)	MP 215.00	2/5/2020 22:30:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
GP6.1	Sign (Impact Damage)	MP 39.80 WB	4/11/2020 15:21:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
ML6.1	Access Panel (Missing Access Panel)	MP 0.52 WB	4/28/2020 22:24:00	N/A	N/A	Reqd: 6 Months Respd: 5/28/2020 12:00 Actual: 0.98 Months
GP6.1	Sign (Fallen Sign)	MP 52.20 EB	5/1/2020 10:20:00	N/A	N/A	Reqd: 6 Months Respd: 5/1/2020 11:00 Actual: 0.01 Months
GP1.1	Debris (Removed Boxes From Lanes)	MP 48.00 WB	5/1/2020 08:30:00	Reqd: 1 Hours Respd: 5/1/2020 09:00 Actual: 0.50 Hours	N/A	N/A
GP13.1	Incident Response	MP 52.6 WB	5/3/2020 18:10:00	Reqd: 1 Hours Respd: 5/3/2020 18:50 Actual: 0.66 Hours	N/A	N/A
GP1.1	Debris (Removed Ladder From Lanes)	MP 45.00 EB	5/3/2020 16:45:00	Reqd: 1 Hours Respd: 5/3/2020 17:30 Actual: 0.75 Hours	N/A	N/A
GP1.1	Debris (Removed Boxes From Lanes)	MP 40.40 WB	5/5/2020 12:55:00	Reqd: 1 Hours Respd: 5/5/2020 13:27 Actual: 0.53 Hours	N/A	N/A
GP1.1	Debris (Removed Cone From Lanes)	MP 54.10 EB	5/5/2020 11:55:00	Reqd: 1 Hours Respd: 5/5/2020 12:10 Actual: 0.24 Hours	N/A	N/A





Element	Description	Location	Notified	Response to Defects		
Category				Category 1		Category 2
				Hazard Mitigation	Permanent Remedy	Permanent Repair
GP1.1	Debris (Removed Debris From Lanes)	MP 52.80 EB	5/6/2020 10:36:00	Reqd: 1 Hours Respd: 5/6/2020 11:22 Actual: 0.76 Hours	N/A	N/A
GP9.1	Fence (Damaged Fence)	MP 55.90 WB	5/6/2020 15:26:00	N/A	N/A	Reqd: 6 Months Respd: 5/19/2020 14:30 Actual: 0.43 Months
GP1.1	Debris (Removed Debris From Lanes)	MP 48.00 EB	5/7/2020 12:09:00	Reqd: 1 Hours Respd: 5/7/2020 13:00 Actual: 0.84 Hours	N/A	N/A
GP12.1	Graffiti (Removed Graffiti)	MP 37.55 WB	5/7/2020 15:57:00	N/A	Reqd: 10 Days Respd: 5/7/2020 18:00 Actual: 0.08 Days	N/A
GP12.1	Graffiti (Removed Graffiti)	MP 37.75 WB	5/7/2020 15:55:00	N/A	Reqd: 10 Days Respd: 5/7/2020 17:51 Actual: 0.08 Days	N/A
GP5.2	Attenuator (Impact Damage)	MP 37.40 WB	5/7/2020 15:30:00	N/A	N/A	Reqd: 6 Months Respd: 5/11/2020 21:00 Actual: 0.14 Months
GP1.1	Debris (Removed Debris From Lanes)	MP 48.00 EB	5/7/2020 12:09:00	Reqd: 1 Hours Respd: 5/7/2020 13:00 Actual: 0.84 Hours	N/A	N/A
GP12.1	Graffiti (Removed Graffiti)	MP 57.00 WB	5/14/2020 14:39:00	N/A	Reqd: 10 Days Respd: 5/15/2020 01:09 Actual: 0.43 Days	N/A
GP6.1	Sign (Impact Damage)	MP 38.00 EB	5/18/2020 17:23:00	N/A	N/A	Reqd: 6 Months Respd: 5/18/2020 21:14 Actual: 0.01 Months
GP9.1	Fence (Damaged Fence)	MP 41.00 WB	5/20/2020 00:02:00	N/A	N/A	Reqd: 6 Months Respd: 5/20/2020 00:21 Actual: 0.01 Months
GP6.1	Sign (Impact Damage)	MP 55.90 WB	5/21/2020 01:36:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
GP1.2	Pavement (Pavement Repair)	MP 39.90 WB	5/26/2020 13:06:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
GP3.5	Wall (Sealant and Patch)	MP 46.20 EB	5/26/2020 13:34:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
GP1.8	Shoulder (Shoulder Repair)	MP 41.40 EB	5/26/2020 13:16:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
GP1.2	Pavement (Pavement Repair)	MP 39.90 EB	5/26/2020 13:27:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress
GP1.1	Debris (Removed Plywood From Lanes)	MP 54.80 WB	5/27/2020 07:55:00	Reqd: 1 Hours Respd: 5/27/2020 08:30 Actual: 0.58 Hours	N/A	N/A
GP6.1	Sign (Missing Sign)	MP 56.00 WB	5/28/2020 16:25:00	N/A	N/A	Reqd: 6 Months Respd: 5/28/2020 21:10 Actual: 0.01 Months
GP12.1	Graffiti (Removed Graffiti)	MP 53.90 WB	5/28/2020 16:44:00	N/A	Reqd: 10 Days Respd: 5/28/2020 22:41 Actual: 0.24 Days	N/A
GP1.1	Debris (Removed Debris From Lanes)	MP 48.00 WB	5/28/2020 15:14:00	Reqd: 1 Hours Respd: 5/28/2020 15:31 Actual: 0.28 Hours	N/A	N/A
GP1.1	Debris (Removed Bag From Lanes)	MP 48.00 WB	5/28/2020 12:23:00	Reqd: 1 Hours Respd: 5/28/2020 12:36 Actual: 0.21 Hours	N/A	N/A

All items were completed within the required response time. Items that are *In Progress* are still within the allowed response time.

# F. Detailed Results of All Inspections, Assessments, and Testing Activities

During this reporting period there were no special inspections, assessments, or testing results outside normal operating condition.





# G. Monthly Toll System Performance Reports

Toll system operated within proposed parameters per Ferrovial Services observations.

## H. Preventative Maintenance Plan and Progress

Preventative Maintenance work is contingent on Initial Works Package implementation.

## I, J. Mean Time between Failure (MTBF), Mean Time To Repair (MTTR)

No Maintained Elements experienced a failure type breakdown this month. Ferrovial Services considers a breakdown to be a failure when the element cannot be used for its intended purpose until repaired.