March 2020 Monthly Operations Report











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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 March 2020. Operationally, March 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 March 2020 in the I-25 Central and US 36 Managed Lanes was 179,171 and 753,514, 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.

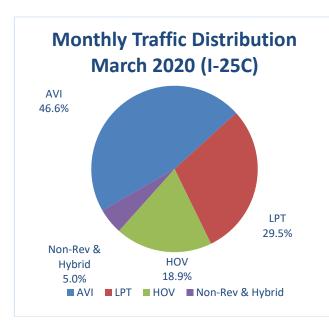
	Traffic	Summary ((US 36)			
	AVI	LPT	HOV	Non-Rev & Hybrid	Total	Hybrid
Total Monthly Traffic	410,681	186,316	127,603	28,914	753,514	1,189
Maximum Weekday Traffic	40,615	16,262	9,632	1,634	67,944	156
Average Weekday Traffic	17,339	7,550	4,590	1,233	30,712	50
Average Hourly AM Peak Traffic	2,620	990	572	162	4,344	N/A
Average Hourly PM Peak Traffic	2,500	951	625	140	4,216	N/A





	Traffi	ic Summary ((I-25C)			
	AVI	LPT	HOV	Non-Rev & Hybrid	Total	Hybrid
Total Monthly Traffic	83,494	52,856	33,817	9,004	179,171	225
Maximum Weekday Traffic	7,417	4,481	2,486	457	14,805	26
Average Weekday Traffic	3,561	2,234	1,327	384	7,122	9
Average Hourly AM Peak Traffic	495	352	192	49	1,039	N/A
Average Hourly PM Peak Traffic	432	253	164	54	849	N/A

Table 1 - Monthly Traffic Summaries



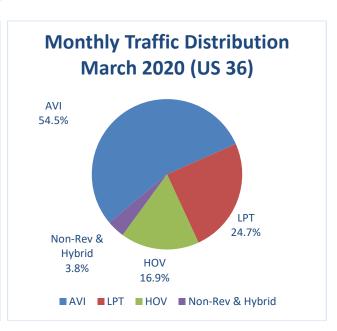
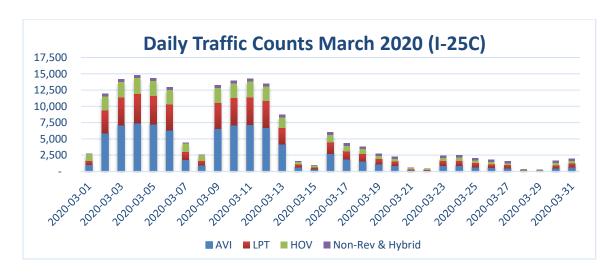


Figure 1 – Monthly Traffic Distribution







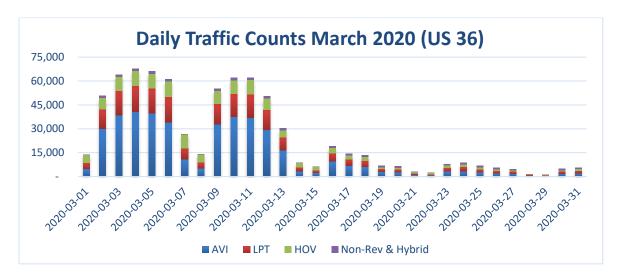


Figure 2 - Daily Traffic Counts

2.0 REVENUES

During the month of March 2020, PRD collected \$536,122 and \$516,118 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
Total			2,199 hours 38 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.

Element ID	Cat	Element	Performance Item	PRD Notified	Contractual Cure Period	Cure Achieved
None						

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

Total Hybrid Trips									
I-25 Central	225								
US 36	1,189								

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 MARCH 2020

US 36 and I-25 Express Lanes Project



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OPERATIONS AND MAINTENANCE — MONTHLY REPORT MARCH 2020 US 36 and I-25 Express Lanes Project

Revision	. Approved	
Rev. 0	04/07/2020	Int. De

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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.

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The O&M Monthly Report contains all relevant information for the month of March 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:

- COVID-19 Precautions
- Rattlesnake Safety Tips
- Traffic Control Safety

A. Summary of the Planned Maintenance Activities for the Upcoming Month – March 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 April 2020 is included below.





FIG. A-1 Planned Maintenance Activities for April 2020

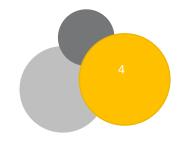
X – *Indicates the day the task is planned.*

Performance Standard Identification	Work Activity-	Frequency															Apr-	20														
Number (Table	Description	oquooy	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)			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	W	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	х							х							х							х							х	
ML-1	RIGID PAVEMENT OBSERVATION / REPAIR	F-52	х							х							х							х							x	
ML-10	CRACK SEALING	F-1						х	х	х	X				х	х																
ML-4	DELINEATORS & MARKERS OBSERVE / CLEAN /	F-12																				х										
ML-2	DRAINAGE (INLET) OBSERVE/ CLEAN /	F-12							х																							
ML-2	DRAINAGE (PIPE/CULVERT) OBSERVE	F-12							х																							
ML-5.1	GUARDRAIL, SAFETY BARRIER		х	х																												
ML-5.2	IMPACT ATTENUATORS														x																	
ML-6	SIGN CLEANING	F-1			х																											
ML-6	SIGN OBSERVATION / REPAIR	F-52			х							х							х							х						
ML-8	STREET LIGHTING OBSERVATION /REPAIR	F-52	х					х							х							х							х			
ML-8	ACCESS PANEL OBSERVATION / REPAIR	F-12	х																													
ML-10	HERBICIDE & WEED CONTROL MAINTENANCE	F-52			х							х							х							х						х
ML-12	GRAFFITI OBSERVATION / REMOVAL	F-52						х							x							х							х			
ML-14	MECHANICAL ROAD SWEEPING	F-12																				х	х	х	х	х						
ML-14	LITTER OBSERVATION / REMOVAL	Daily	х	х	х			х	х	х	x	х			х	х	х	х	х			х	х	х	х	х			х	x	х	х
ML-15	NODE BUILDING 2 MAINTENANCE	F-1																								х						
ML-15	SAND STORAGE DOME MAINTENANCE	F-1																								х						
ML-15	LIQUID STORAGE FACILITY MAINTENANCE	F-1																								х						
	REVERSIBLE LANE OPERATIONS	Daily	х	х	х			х	х	х	x	х			x	х	х	x	х			х	x	х	х	х			х	x	x	х
	GATE MAINTENANCE & REPAIR							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 March 2020

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

Performance Standard Identification	Frequency	Mar-20																															
Number (Table			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		29		31
6.1)			S	М	Т	W	Т	F	S	S	М	Т	W	Т	F	S	s	M	T	W	Т	F	S	S	М	Т	W	Т	F	S	S	M	Т
ML-1	MAINTENANCE PATROL	Daily		x	X	x	x	x			x	x	x	x	x			x	x	x	X	x			x	x	X	x	X			X	x
ML-1	FLEXIBLE PAVEMENT OBSERVATION / REPAIR	F-52						X							x							x							X				
ML-1	RIGID PAVEMENT OBSERVATION / REPAIR	F-52						х							x							x							X				
ML-4	DELINEATORS & MARKERS OBSERVE / CLEAN /	F-12									х																						
ML-2	DRAINAGE STRUCTURE (INLET) INSPECTION	F-1			х	x	х	X																									
ML-2	DRAINAGE (INLET) OBSERVE/ CLEAN /	F-12			X	X	X	X																									
ML-2	DRAINAGE (PIPE/CULVERT) OBSERVE	F-12			X																												
ML-6	SIGN OBSERVATION / REPAIR	F-52		х							х							X							х							x	
ML-8	STREET LIGHTING OBSERVATION / REPAIR	F-52				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						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	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	x	x	X			x	X	x	X	X			X	X	X	x	X			x	X	X	X	X			x	X
	GATE MAINTENANCE & REPAIR			X							X							X							X							X	







Fig. B-2 Work Accomplished This Month

Activity	Actual Work
152.00 Flex Patch /Minor Repairs (SY)	67.75
152.10 Rigid Pavement Patch (SY)	4
202.00 Drain Str Maint (EA)	74
210.00 Slope Repair (CY)	1
216.00 Fence Maint (LF)	40
218.00 Litter Removal (CY)	27.25
218.00 Debris in Roadway (CY)	23
218.98 Graffiti Removal (SF)	323
220.00 Sweeping Machine (MI)	66.8
254.00 Veg Mow Hand (HR)	10
302.00 Sign Single Post Maint (EA)	11
304.00 Delineator Maint (EA)	202
306.00 Guardrail Maint (LF)	113.1
314.00 Reversible Lane Operations (HR)	280
316.00 Attenuator Maint (EA)	1
329.00 Courtesy Assist (HR)	390

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

Ferrovial Services completed all scheduled maintenance activities for the period of March. 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:

Precipitation Event Start		Equipmen	t Deployed	Precipitati	on Event End	Service Le	_	Service Level "B" Achieved in GP		
3/1/2020	18:45	3/1/2020	17:15	3/2/2020	23:53	3/2/2020	02:45	3/2/2020	02:45	
3/19/2020	08:20	3/19/2020	07:22	3/20/2020	21:00	3/20/2020	03:10	3/20/2020	05:23	

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:

GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out)	MP 39.3 EB MP 37.6 EB MP 37.6 EB MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	12/13/2019 09:00:00 12/18/2019 15:32:00 12/30/2019 10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A	gory 1 Permanent Remedy N/A N/A N/A N/A N/A N/A N/A N/A	Category 2 Permanent Repair Reqd: 6 Months Respd: 3/31/2020 Actual: 3.5 Months Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Reqd: 6 Months Reqd: 6 Months Repd: 3/05/2020 Actual: 1.05 Months Reqd: 6 Months Repd: 3/05/2020 Actual: 1.05 Months Reqd: 6 Months
GP5.1 (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out)	MP 37.6 EB MP 37.6 EB MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	09:00:00 12/18/2019 15:32:00 12/30/2019 10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	Reqd: 6 Months Respd: 3/31/2020 Actual: 3.5 Months Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Reqd: 6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP5.1 (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out)	MP 37.6 EB MP 37.6 EB MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	09:00:00 12/18/2019 15:32:00 12/30/2019 10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A N/A	N/A N/A N/A N/A	Respd: 3/31/2020 Actual: 3.5 Months Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Regd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP5.1 (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 37.6 EB MP 37.6 EB MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	09:00:00 12/18/2019 15:32:00 12/30/2019 10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A N/A	N/A N/A N/A N/A	Actual: 3.5 Months Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 37.6 EB MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	12/18/2019 15:32:00 12/30/2019 10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A	N/A N/A N/A	Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Reqd: 6 Months Reqd: 6 Months Reqd: 1.26 Months Reqd: 1.26 Months Reqd: 1.26 Months Reqd: 3/05/2020 Actual: 1.05 Months
GP5.1 (Impact Damage) GP5.1 Guardrail (Impact Damage) GP5.1 Guardrail (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 37.6 EB MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	15:32:00 12/30/2019 10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A	N/A N/A N/A	Respd: Actual: In Progress Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Reqd: 6 Months Reqd: 3/05/2020 Actual: 1.05 Months
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GP5.1 (Impact Damage) GP5.1 Guardrail (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	10:22:00 1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A	N/A N/A	Reqd: 6 Months Respd: Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
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GP5.1 Guardrail (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 39.2 EB MP 57.8 WB MP 47.0 EB MP 56.1	1/3/2020 11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A N/A	N/A N/A	Actual: In Progress Reqd: 6 Months Respd: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP5.1 (Impact Damage) GP5.1 Guardrail (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out)	MP 57.8 WB MP 47.0 EB MP 56.1	11:30:00 1/16/2020 10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A N/A	N/A	Reqd: 6 Months Respc: 3/31/2020 Actual: 3.01 Months Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
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GP5.1 (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 47.0 EB	10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A	N/A	Reqd: 6 Months Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP5.1 (Impact Damage) GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 47.0 EB	10:39:00 1/30/2020 14:09:00 2/5/2020 22:00:00	N/A	N/A	Respd: 3/04/2020 Actual: 2.6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP6.1 Sign (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out)	MP 47.0 EB	1/30/2020 14:09:00 2/5/2020 22:00:00	N/A	N/A	Actual: 2.6 Months Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP6.1 (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 56.1	14:09:00 2/5/2020 22:00:00			Reqd: 6 Months Respd: 3/05/2020 Actual: 1.05 Months
GP6.1 (Impact Damage) ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 56.1	14:09:00 2/5/2020 22:00:00			Actual: 1.05 Months
ML8.1 Lighting (South Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)		2/5/2020 22:00:00	N/A	N/A	
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ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out)	MP 214.8			N/A	Respd:
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ML8.1 (East Out) ML8.1 (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting	MP 214.8				Reqd: 6 Months
ML8.1 Lighting (East Out) ML8.1 Lighting (East Out) ML8.1 Lighting		22:10:00	N/A	N/A	Respd:
ML8.1 (East Out) ML8.1 (East Out) ML8.1 Lighting (East Out)					Actual: In Progress
ML8.1 (East Out) ML8.1 (East Out) ML8.1 Lighting (East Out)	1	2/5/2020			Reqd: 6 Months
ML8.1 Lighting (East Out)	MP 56.1	22:12:00	N/A	N/A	Respd:
ML8.1 (East Out)					Actual: In Progress
(East Out) MI 8 1 Lighting	MD 55.0	2/5/2020	N1/A	N/A	Reqd: 6 Months
	MP 55.9	22:15:00	N/A	N/A	Respd:
	+	+		+	Actual: In Progress Regd: 6 Months
(East Out)	MP 55.7	2/5/2020	N/A	N/A	Respd:
	Wii 55.7	22:16:00	14/74		Actual: In Progress
		+			Regd: 6 Months
ML8.1 Lighting	MP 56.4	2/5/2020	N/A	N/A	Respd:
(West Out)		22:18:00			Actual: In Progress
I takata a		0/5/0000			Regd: 6 Months
ML8.1 Lighting	MP 214.7	2/5/2020	N/A	N/A	Respd:
(All Out)		22:20:00			Actual: In Progress
Lighting		2/5/2020			Reqd: 6 Months
ML8.1 (All Out)	MP 215.5	22:22:00	N/A	N/A	Respd:
(All Out)		22.22.00			Actual: In Progress
Lighting		2/5/2020			Reqd: 6 Months
ML8.1 (South Out)	MP 56.7	22:25:00	N/A	N/A	Respd:
(====,		-			Actual: In Progress
Lighting	MBOASO	2/5/2020	A1/A	11/0	Reqd: 6 Months
ML8.1 (All Out)	MP 215.0	22:30:00	N/A	N/A	Respd:
	-			+	Actual: In Progress Regd: 6 Months
GP5.2 Attenuator	MP 57.1 WB	2/8/2020	N/A	N/A	Requ: 6 Months Respd: 3/4/2020
(Impact Damage)	IVIT 37.1 VVD	03:01:00	IN/A	IN/A	Actual: 0.96 Months
		+			Regd: 6 Months
ML5.1 Guardrail	MP 42.3 WB	2/24/2020	N/A	N/A	Respd: 3/5/2020 21:30
(Impact Damage)	72.0 110	08:30:00	. 7/1		Actual: 0.35 Months
		0/00/2222			Regd: 6 Months
GP5.1 Guardrail	MP 42.8 WB	2/29/2020	N/A	N/A	Respd: 3/9/2020 16:30
(Impact Damage)		14:05:00			Actual: 0.30 Months
0#:		2/0/2000		Reqd: 10 Days	
GP12.1 Graffiti	MP 57.1 EB	3/9/2020	N/A	Respd: 3/10/2020 00:14	N/A
(Removed Graffiti)		23:07:00		Actual: 0.04 Days	
F		2/11/2020		ĺ	Reqd: 6 Months
GP9.1 Fence (Damaged Fence)	MP 42.2 EB	3/11/2020 16:10:00	N/A	N/A	Respd: 3/11/2020 19:0





Element	Description	Location	Notified	Response to Defects						
Category			11011110	Categ	Category 2					
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
GP6.1	Sign (Turned Sign)	MP 50.6 WB	3/11/2020 16:35:00	N/A	N/A	Reqd: 6 Months Respd: 3/11/2020 00:01 Actual: 0.01 Months				
GP1.1	Debris (Removed Tire From Lanes)	MP 50.6 EB	3/11/2020 14:17:00	Reqd: 1 Hours Respd: 3/11/2020 14:36 Actual: 0.31 Hours	N/A	N/A				
GP1.1	Debris (Removed Carcass From Lanes)	MP 57.3 WB	3/11/2020 08:17:00	Reqd: 1 Hours Respd: 3/11/2020 08:43 Actual: 0.43 Hours	N/A	N/A				
GP1.1	Debris (Removed Carcass From Lanes)	MP 43.6 EB	3/16/2020 20:04:00	Reqd: 1 Hours Respd: 3/16/2020 20:25 Actual: 0.35 Hours	N/A	N/A				
GP6.1	Sign (Straightened Sign)	MP 39.5 WB	3/16/2020 16:33:00	N/A	N/A	Reqd: 6 Months Respd: 3/18/2020 01:05 Actual: 0.04 Months				
GP12.1	Graffiti (Removed Graffiti)	MP 57.3 EB	3/16/2020 08:30:00	N/A	Reqd: 10 Days Respd: 3/16/2020 15:40 Actual: 0.29 Days	N/A				
GP5.1	Guardrail (Impact Damage)	MP 42.2 EB	3/19/2020 18:37:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress				
GP6.1	Sign (Fallen Sign)	MP 43.1 EB	3/19/2020 19:15:00	N/A	N/A	Reqd: 6 Months Respd: 3/23/2020 23:31 Actual: 0.13 Months				
GP5.1	Guardrail (Impact Damage)	MP 43.1 EB	3/19/2020 19:14:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress				
GP5.1	Guardrail (Impact Damage)	MP 44.0 EB	3/19/2020 20:41:00	N/A	N/A	Reqd: 6 Months Respd:				
GP9.1	Fence (Damaged Fence)	MP 40.6 WB	3/23/2020 15:03:00	N/A	N/A	Actual: In Progress Reqd: 6 Months Respd:				
GP5.1	Guardrail (Impact Damage)	MP 43.1 EB	3/23/2020 09:56:00	N/A	N/A	Actual: In Progress Reqd: 6 Months Respd: 4/1/2020 00:00 Actual: 0.28 Months				
GP5.1	Guardrail (Impact Damage)	MP 42.2 EB	3/23/2020 09:31:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress				
GP5.1	Guardrail (Impact Damage)	MP 44.0 EB	3/23/2020 10:06:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress				
GP5.1	Guardrail (Impact Damage)	MP 44.0 EB	3/23/2020 15:55:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress				
GP12.1	Graffiti (Removed Graffiti)	MP 37.5 WB	3/23/2020 10:00:00	N/A	Reqd: 10 Days Respd: 3/23/2020 11:02 Actual: 0.04 Days	N/A				
GP9.1	Fence (Damaged Fence)	MP 40.6 WB	3/23/2020 09:40:00	N/A	N/A	Reqd: 6 Months Respd: Actual: In Progress				
GP6.1	Sign (Impact Damage)	MP 44.2 EB	3/23/2020 18:32:00	N/A	N/A	Reqd: 6 Months Respd: 3/23/2020 23:55 Actual: 0.01 Months				
GP1.1	Debris (Removed Metal From Lanes)	MP 54.8 EB	3/24/2020 12:11:00	Reqd: 1 Hours Respd: 3/24/2020 12:29 Actual: 0.29 Hours	N/A	N/A				
GP1.1	Debris (Removed Debris From Lanes)	MP 55.3 WB	3/26/2020 16:51:00	Reqd: 1 Hours Respd: 3/26/2020 17:16 Actual: 0.41 Hours	N/A	N/A				
ML1.1	Debris (Removed Debris From Lanes)	MP 47.1 EB	3/26/2020 18:05:00	Reqd: 1 Hours Respd: 3/26/2020 18:24 Actual: 0.31 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.