

**GOBIERNO DE PUERTO RICO
JUNTA REGLAMENTADORA DEL SERVICIO PÚBLICO
NEGOCIADO DE ENERGÍA DE PUERTO RICO**

NEPR

Received:

Jun 11, 2021

8:43 PM

IN RE:
TARIFA PERMANENTE DE LA
AUTORIDAD DE ENERGÍA ELÉCTRICA
DE PUERTO RICO

CASO NÚM NEPR-MI-2020-0001

ASUNTO: Informe de Luminarias.

MOCIÓN SOMETIENDO INFORME DE LUMINARIAS

AL HONORABLE NEGOCIADO DE ENERGÍA:

COMPARECEN LUMA Energy, LLC (“ManagementCo”) y **LUMA Energy ServCo, LLC** (“ServCo”), (en conjunto, “LUMA”), y respetuosamente exponen lo siguiente:

En cumplimiento con la orden emitida por este honorable Negociado de Energía de Puerto Rico el 28 de junio de 2020 y en el ejercicio de sus facultades al amparo de la Sección 5.6 del *Puerto Rico Transmission and Distribution System Operation and Maintenance Agreement*, por la presente LUMA somete el informe de luminarias de alumbrado público del 2 de junio de 2021. El informe se preparó con datos de la Autoridad de Energía Eléctrica de Puerto Rico. El personal de LUMA revisó el contenido del informe que se somete como Anejo 1 de esta Moción.

POR TODO LO CUAL, se solicita respetuosamente que este honorable Negociado de Energía tome conocimiento de lo antes expuesto y determine que LUMA cumplió con la orden sobre presentación del informe de luminarias.

RESPETUOSAMENTE SOMETIDO.

EN San Juan, Puerto Rico, el día 11 de junio de 2021.

Certifico que presenté esta Moción utilizando la plataforma electrónica de radicación del Negociado de Energía. Copia de esta Moción se notificará a la representación legal de la Autoridad

de Energía Eléctrica de Puerto Rico, Katiuska Bolaños, kbolanos@diazvaz.law y a la Oficina de Protección al Consumidor, por conducto de la Lcda. Hannia Rivera, hrivera@oipc.pr.com.



DLA Piper (Puerto Rico) LLC
500 Calle de la Tanca, Suite 401
San Juan, PR 00901-1969
Tel. 787-945-9107
Fax 939-697-6147

/f/ Margarita Mercado Echegaray
Margarita Mercado Echegaray
RUA NÚM. 16,266
margarita.mercado@us.dlapiper.com

Anejo 1



PREPA STREET LIGHTING PROGRAM | ACTIONABLE VISIBILITY BOARD

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Report Date (AST Local Time)
6/2/2021 10:31:12 AM

Latest Refresh (AST Local Time)
6/1/2021 11:38:14 AM



WORK ZONES:

(Created by T&D; Managed by PMO)
Total Impact from Inventory: 50.0%



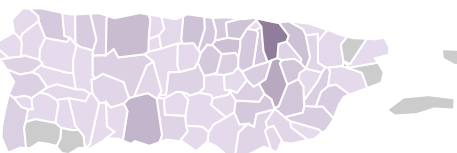
Work Zone Status	Count
Assigned to Contractors	783
Assigned to Municipalities	12
Assigned to PREPA	50
Unassigned	57
Total	902

INVENTORY INFORMATION

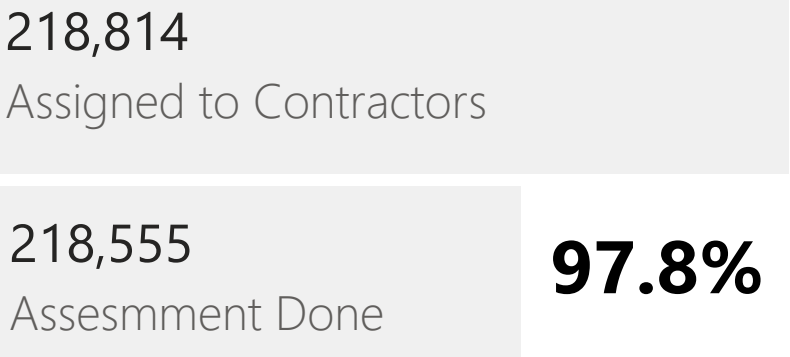
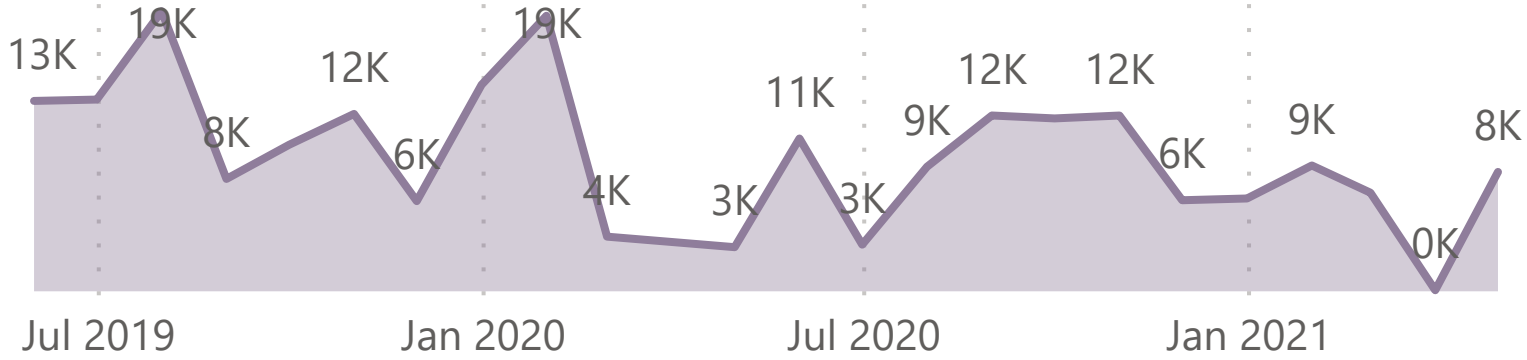
Original Inventory ESRI: 489,385
Additional SIDs identified: 14,698
Total Inventory: 504,083

ASSESSMENTS:

(Contracts Managed by PMO)
Total Impact from Inventory: 45.7%



Monthly Luminaries Assessed by Damage Assessment Date

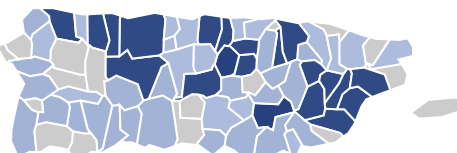


PRODUCTIVITY

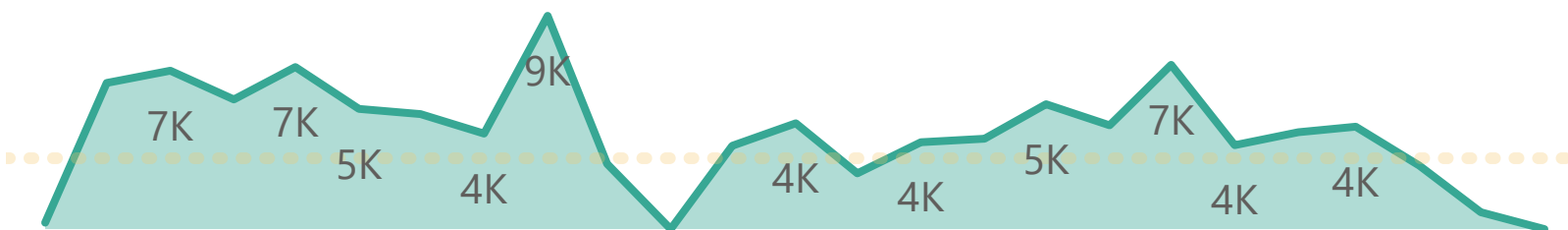
Average Assessed per Month: 8,060
Average Repaired per Month: 4,021
Average Inspected per Month: 4,693

REPAIRS & INSPECTIONS:

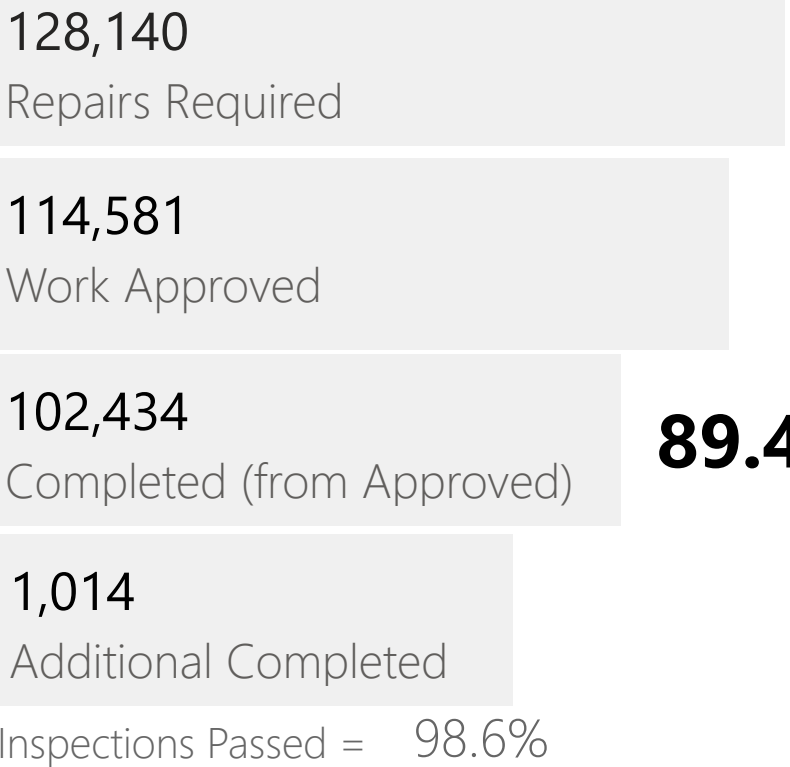
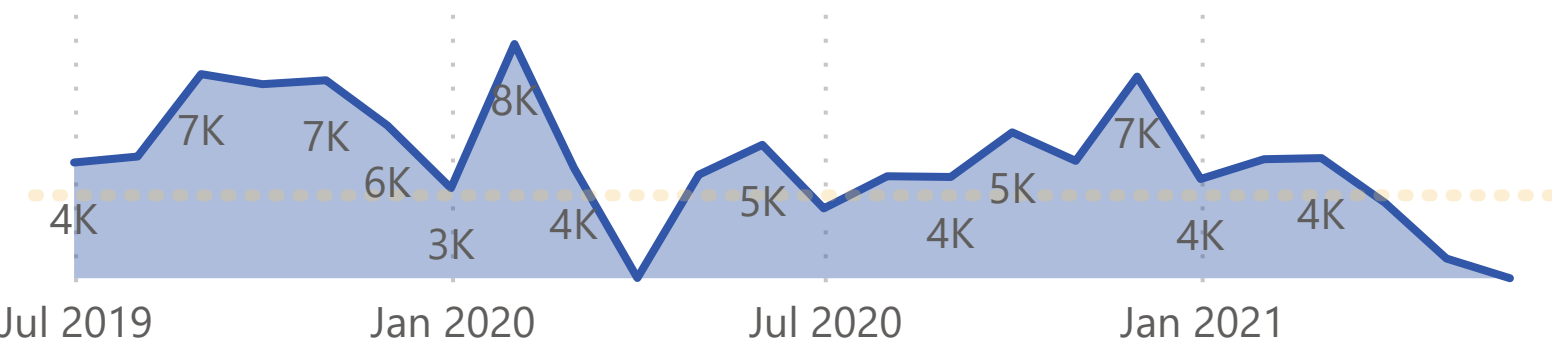
(Contracts Managed by PMO)
Total Impact from Inventory: 26.3%



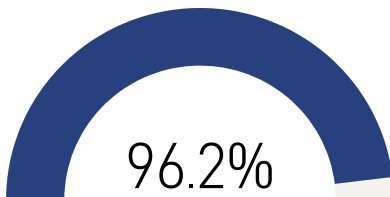
Monthly Luminaries Repaired by As Built Date



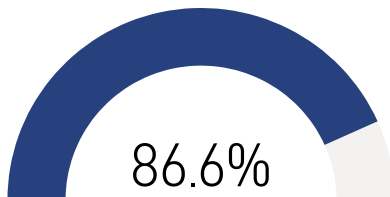
Monthly Inspections Passed by Final Inspection Date



Time Elapsed As of: 6/2/2021 1...



Total Invoiced As of: 5/22/2021

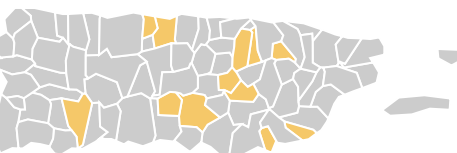


702
Contract Days Elapsed
6/30/2021
Contract End Date

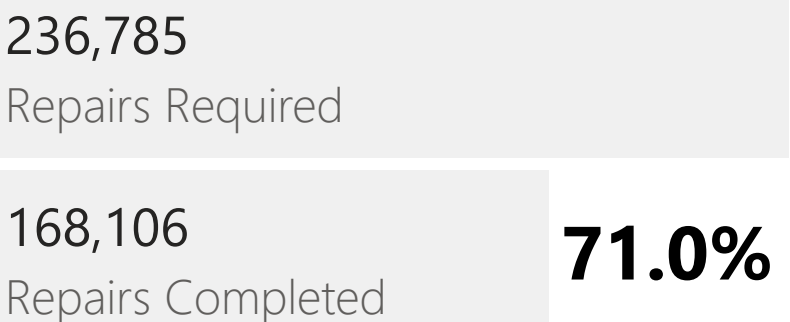
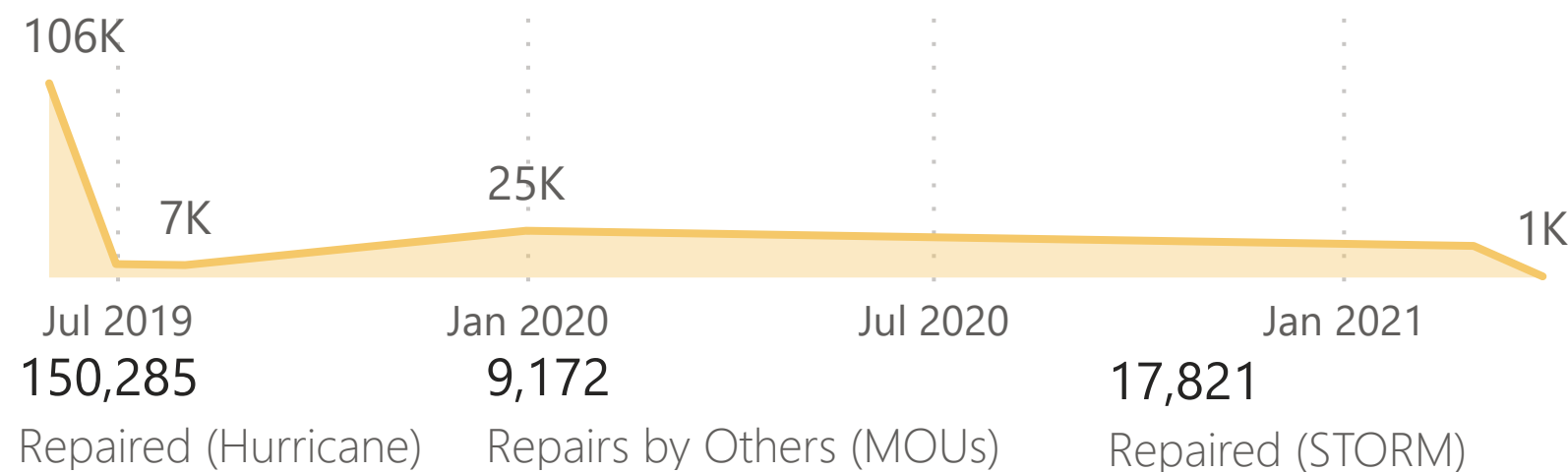
\$55,392,968
Total Invoiced
\$64M
Contracted Amount

WORKED BY T&D:

(Zones Certified by T&D District)
Total Impact from Inventory: 34.4%



Monthly Repairs Reported by T&D



*Includes Hurricane + STORM

**Reflects dates of reported data

Management Notes:

- > Over 700 new SIDs where reported since last update.
- > Work Zones 100% completed, reflect Work Zones where all approved to work FIDs or SIDs was completed with Passed Inspection.
- > T&D progress up to 05/03/2021 efforts to repair luminaries in STORM.
- > "Repairs by Others" included in the T&D section, reflects materials dispatched to Municipalities as part of the MOUs, but are not added to the Repairs Completed.
- > No Fieldwork was performed from March 15, 2020 due to COVID-19 EO-2020-020; works resumed on May 4, 2020.

ArcGIS Street Lighting Data Analysis

Summary by Contractor

Report Date (AST Local Time)

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Latest Refresh (AST Local Time)

6/1/2021 11:38:14 AM

Metrics by Contractor

WORKED_BY (groups)	Work Zones Impacted	FIDs+SDs Assigned	Assessment Done	Work Needed	Approved to Work	Not Approved to Work	Repairs Completed from Approved	Additional Repairs Completed**	Total Repairs Completed	Repairs Pending from Approved	Pending with Dangerous Condition	Pending with Failed Inspection (Prev. Marked as Completed)	Inspection Passed from Approved	Inspection Failed from Approved***	Inspection Passed from Not Approved	Inspection Failed from Not Approved	Total Inspections Completed
▲																	
BETA	53	19,864	19,744	12,398	10,578	1,820	9,582	75	9,657	996	11	965	9,582	965	75	45	10,667
BLDM	110	23,622	23,619	15,560	13,329	2,231	11,708	57	11,765	1,621	15	886	11,700	891	57	236	12,884
BONNEVILLE	77	21,204	21,202	10,654	8,945	1,709	8,428	135	8,563	517	33	364	8,313	395	81	241	9,030
DESIGN BUILD	97	29,865	29,860	17,816	16,003	1,813	13,817	25	13,842	2,186	44	897	13,670	917	25	70	14,682
LORD	143	38,212	38,210	24,011	22,782	1,229	21,337	243	21,580	1,445	70	1,296	21,241	1,392	230	593	23,456
MASTEC	68	20,353	20,283	12,978	12,270	708	10,085	292	10,377	2,185	433	2,120	10,082	2,122	259	3,903	16,366
MASTER LINK	106	27,220	27,165	15,362	13,354	2,008	11,616	100	11,716	1,738	14	674	11,616	674	96	440	12,826
REYES	61	17,809	17,808	7,985	6,692	1,293	6,211	35	6,246	481	11	457	6,207	461	35	50	6,753
ROMAN	78	20,665	20,664	11,376	10,628	748	9,650	52	9,702	978	13	324	9,637	337	51	101	10,126
Total	790	218,814	218,555	128,140	114,581	13,559	102,434	1,014	103,448	12,147	644	7,983	102,048	8,154	909	5,679	116,790

DEFINITIONS & NOTES:

- Assigned to Contractors:** All FIDs where Worked by is not blank in Damage Assessment Layer or SDs where Worked by is not blank in As Built / Survey Layer.
- Assessment Completed:** All FIDs where Worked Status = Done in Layer Damage Assessment or SDs where Worked Status = Done in As Built / Survey Layer.
- Work Needed:** FIDs with Work Need = Yes in Damage Assessment layer or in As Built / Survey for SDs.
- Approved to Work:** FIDs where Approved by Inspector is not No in Damage Assessment or in As Built / Survey for SDs.
- Repairs Completed from Approved*:** FIDs or FIDs where Conditions 1,2,3,4 above are met and Work Completed = Yes in As Built Layer
- Repairs Completed from Not Approved*:** Conditions 1,2,3,4,5 above are met **and** Work Completed = Yes in As Built Layer
- Inspection Passed from Approved:** Conditions 1,2,3,4,5 **and** Inspection Status = Passed

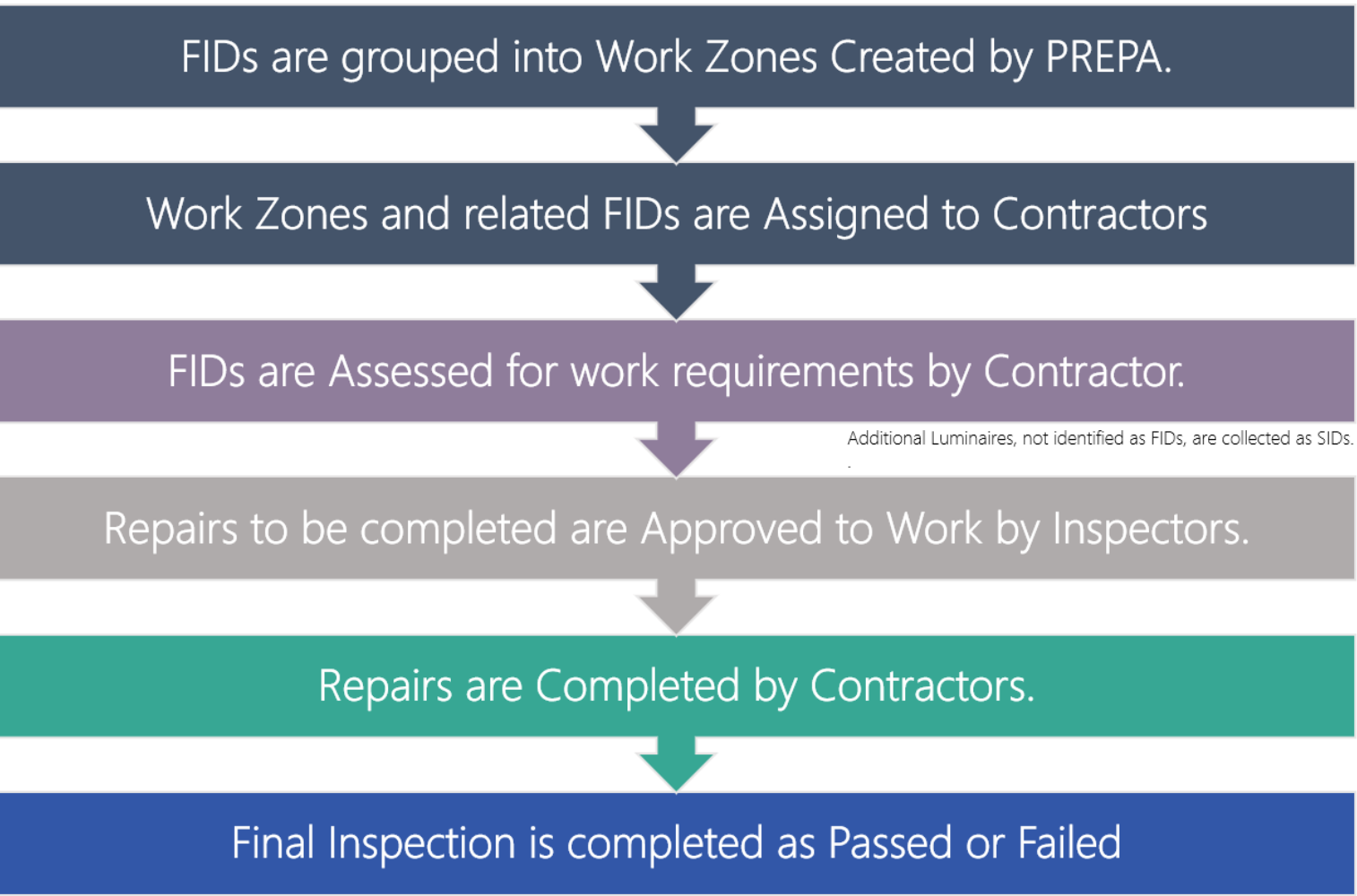
* **Repairs Completed from Approved** include FIDs / SDs with Passed Inspections that where not marked as Work Completed = Yes or Work Need = Yes

****Additional Repairs Completed** are those marked with Work Completed = Yes, even though Work Needed = No or Approved by Inspector = No.

Inspections Passed for this condition are also accounted as Repairs Completed.

*****Inspections Failed from Approved** include FIDs / SDs with repairs completed and repairs not marked as completed, but with Failed Inspection

KEY PERFORMANCE MEASURE PHASES





PREPA STREET LIGHTING PROGRAM | ACTIONABLE VISIBILITY BOARD

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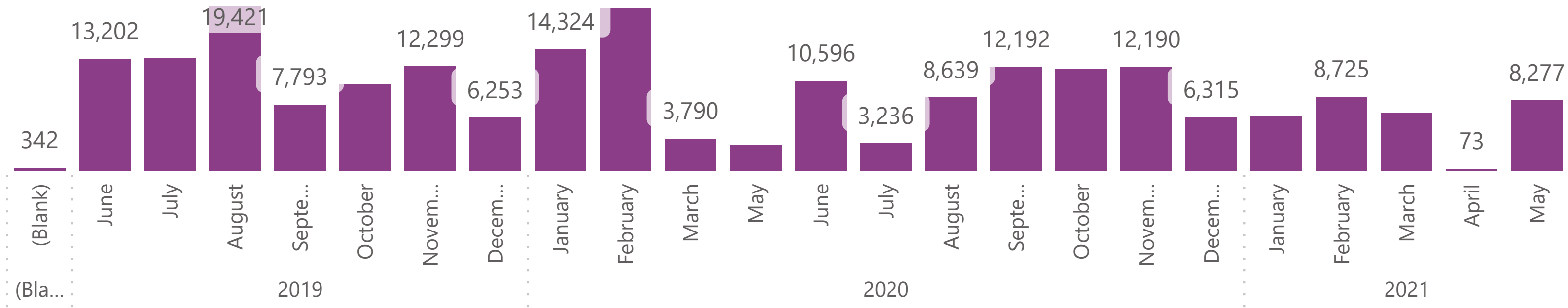
ASSESSMENTS DONE PER MONTH

* No Fieldwork was performed from March 15, 2020 due to COVID-19 EO-2020-020; works resumed on May 4, 2020.

7,919

Average Monthly Assessments (Last 12 Months)

Total Assessments Completed to Date = 218,555



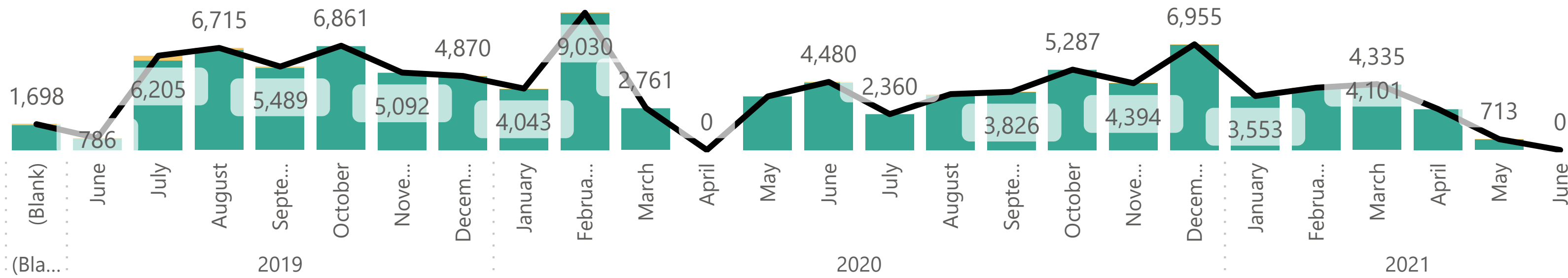
REPAIRS COMPLETED PER MONTH

Repaired from Approved Additional Repairs Total Repairs

3,823

Average Monthly Repairs (Last 12 Months)

Total Repairs Completed to Date = 103,448



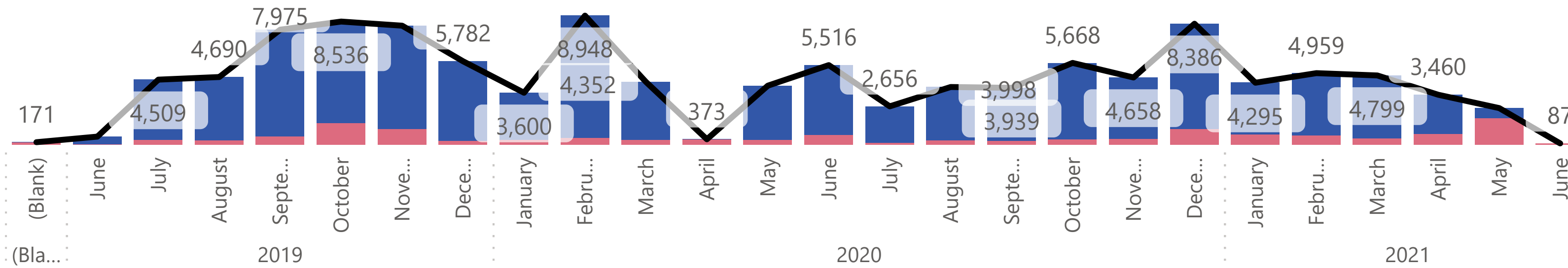
INSPECTIONS COMPLETED PER MONTH

(Blank) Failed Passed Total Inspections Completed

4,510

Average Monthly Inspections (Last 12 Months)

Total Inspections Completed to Date = 116,791



* Blank values represent FIDs / SIDs marked as completed but without respective dates recorded in the system.



REPAIRS COMPLETED *WITH PASSED INSPECTION*

(As per As Built Date)

% COMPLETED

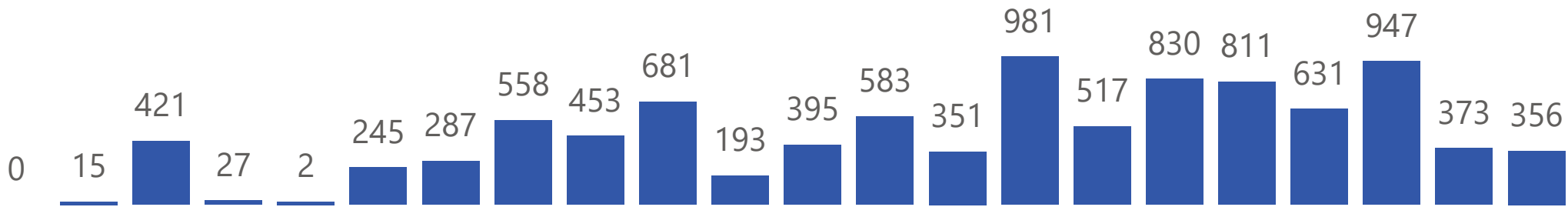
Passed from Approved to Work*

PASSED / FAIL RATIO

(Count of Passed per one Fail)

% INVOICED / % PAID

BETA



10,578 Approved to Work
9,657 Inspections Passed

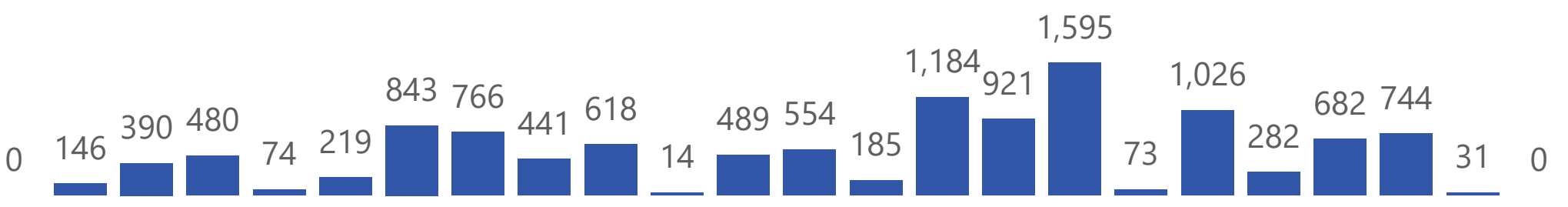
90.6%

10:1

82.5%

64.7%

BLDM



13,329 Approved to Work
11,757 Inspections Passed

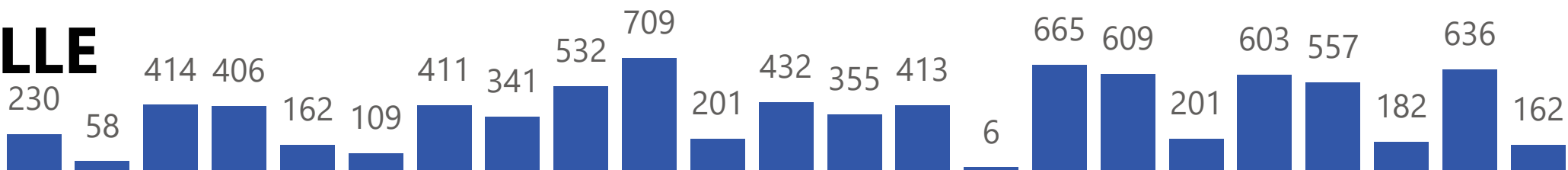
87.8%

10:1

71.3%

60.6%

BONNEVILLE



8,945 Approved to Work
8,394 Inspections Passed

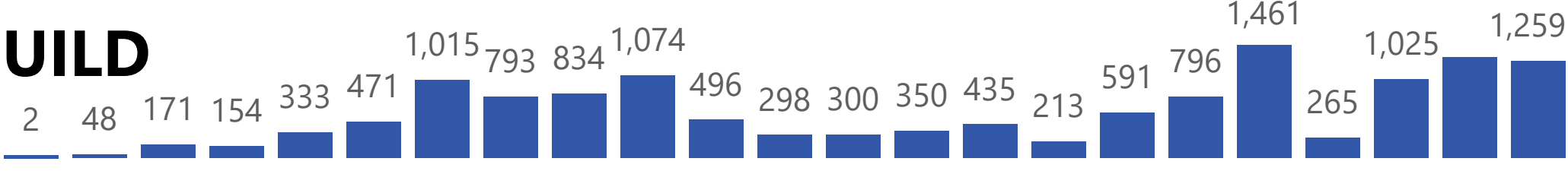
92.9%

13:1

75.2%

48.6%

DESIGN BUILD



16,003 Approved to Work
13,695 Inspections Passed

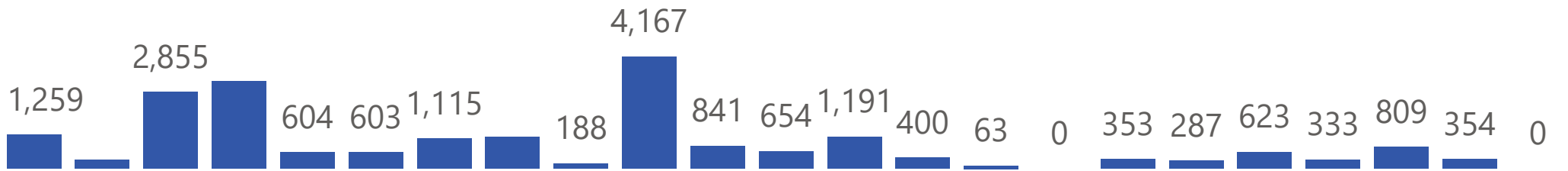
85.4%

14:1

80.4%

57.3%

LORD



22,782 Approved to Work
21,471 Inspections Passed

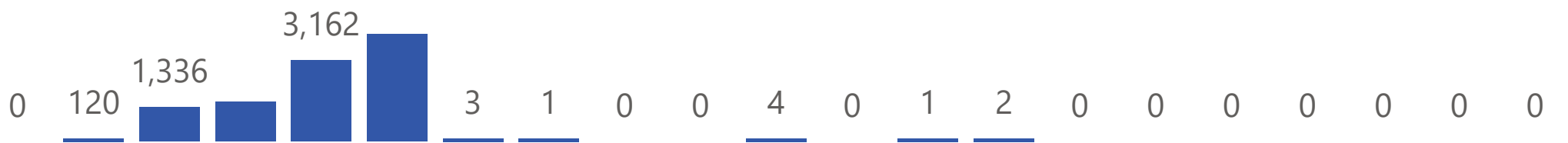
93.2%

11:1

88.6%

78.3%

MASTEC



12,270 Approved to Work
10,341 Inspections Passed

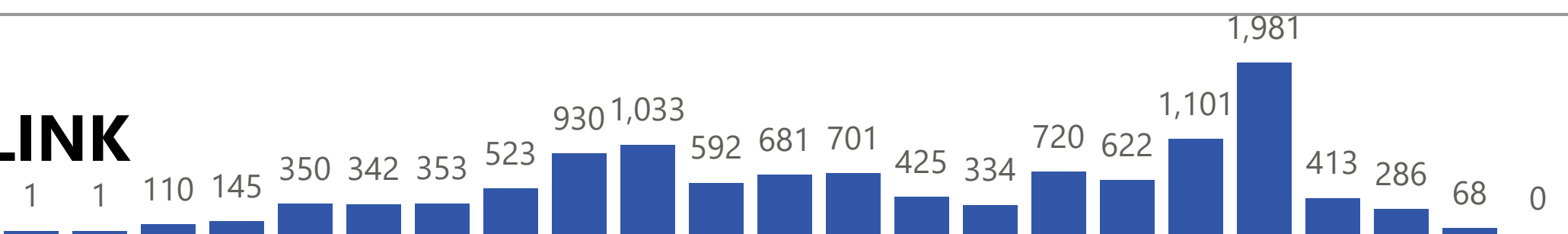
82.2%

2:1

159.2%

87.0%

MASTER LINK



13,354 Approved to Work
11,712 Inspections Passed

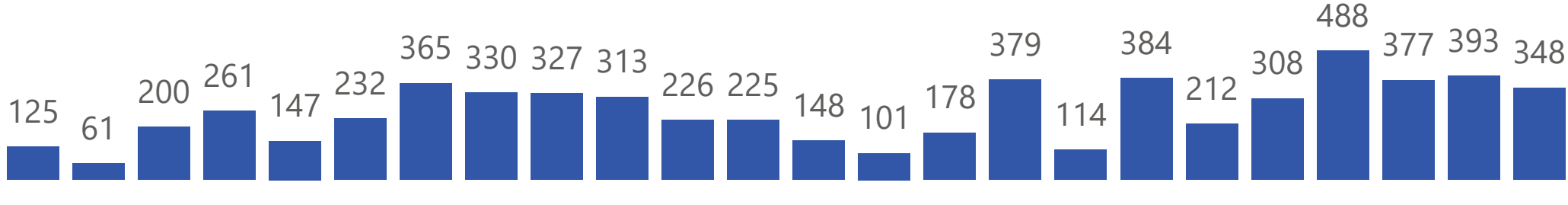
87.0%

11:1

71.3%

52.3%

REYES



6,692 Approved to Work
6,242 Inspections Passed

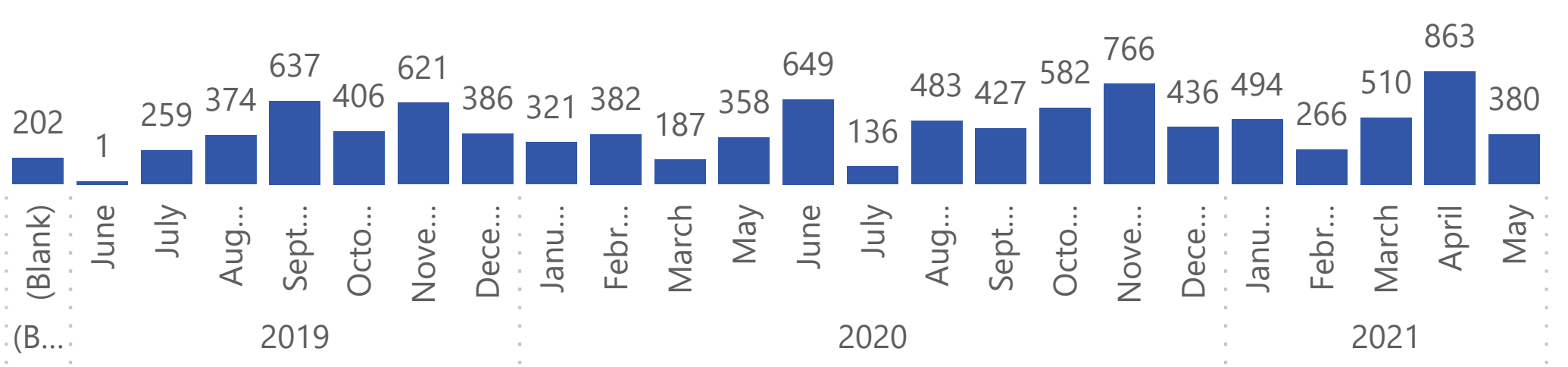
92.8%

12:1

55.8%

33.4%

ROMAN



10,628 Approved to Work
9,688 Inspections Passed

90.7%

22:1

62.7%

44.5%



STREET LIGHTING PROJECT - CONTRACTOR'S INVOICED STATUS

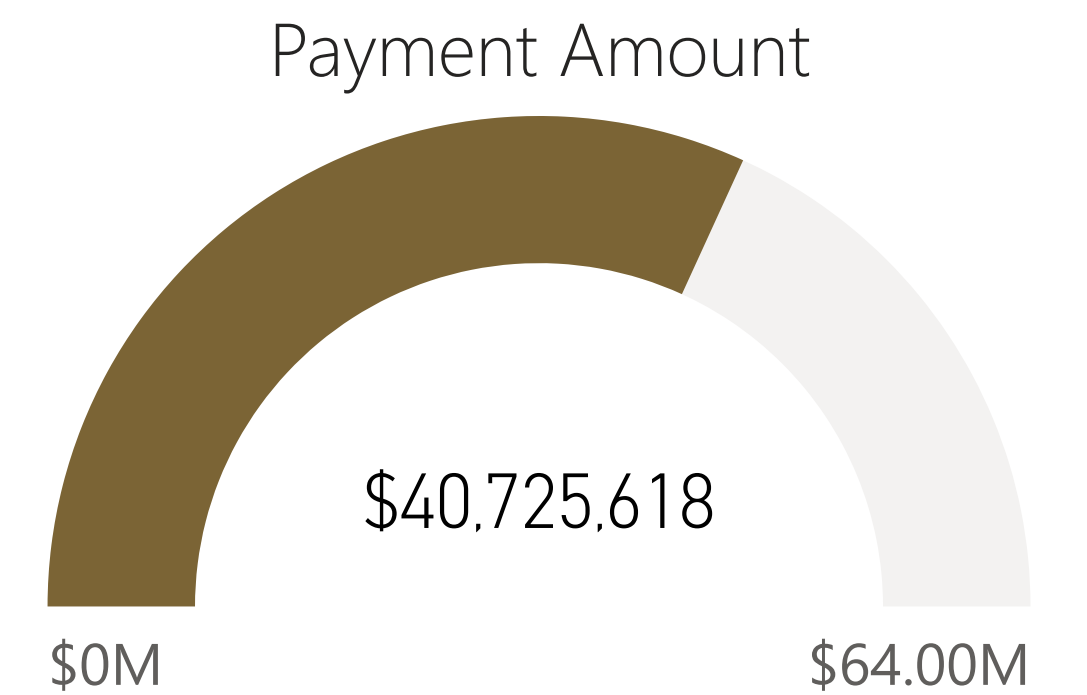
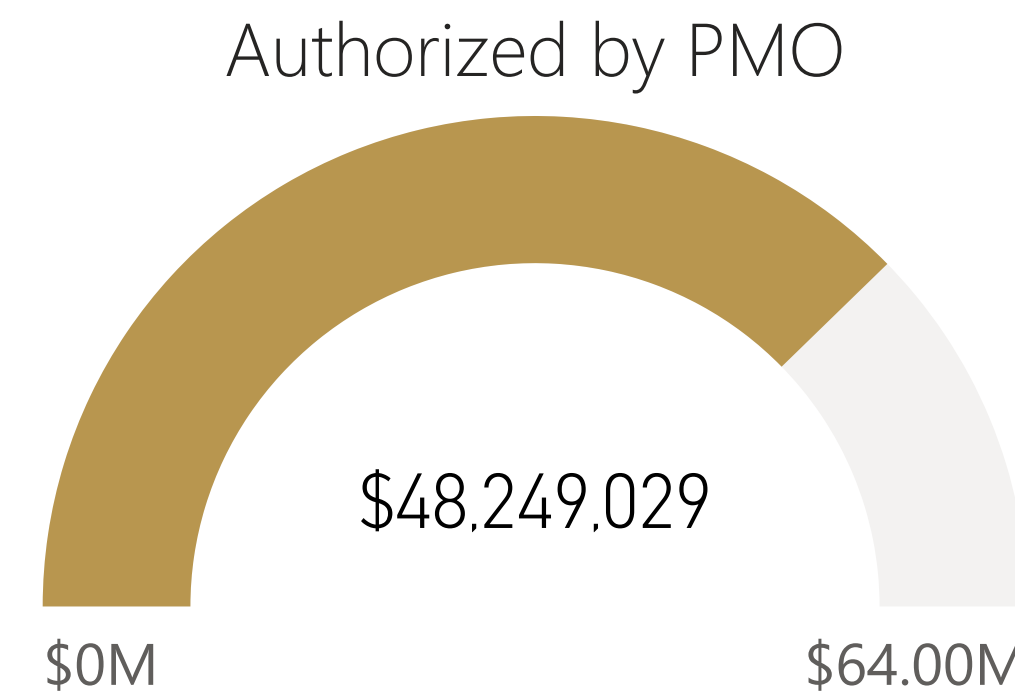
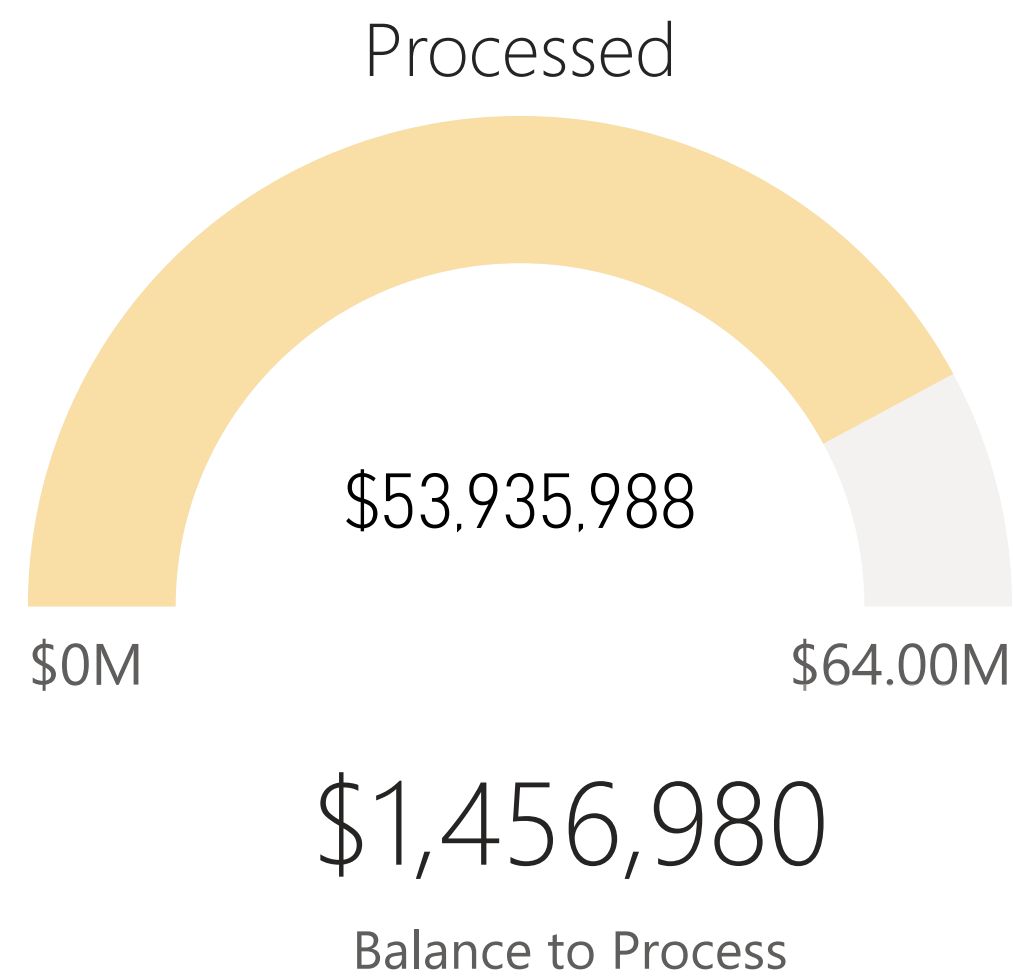
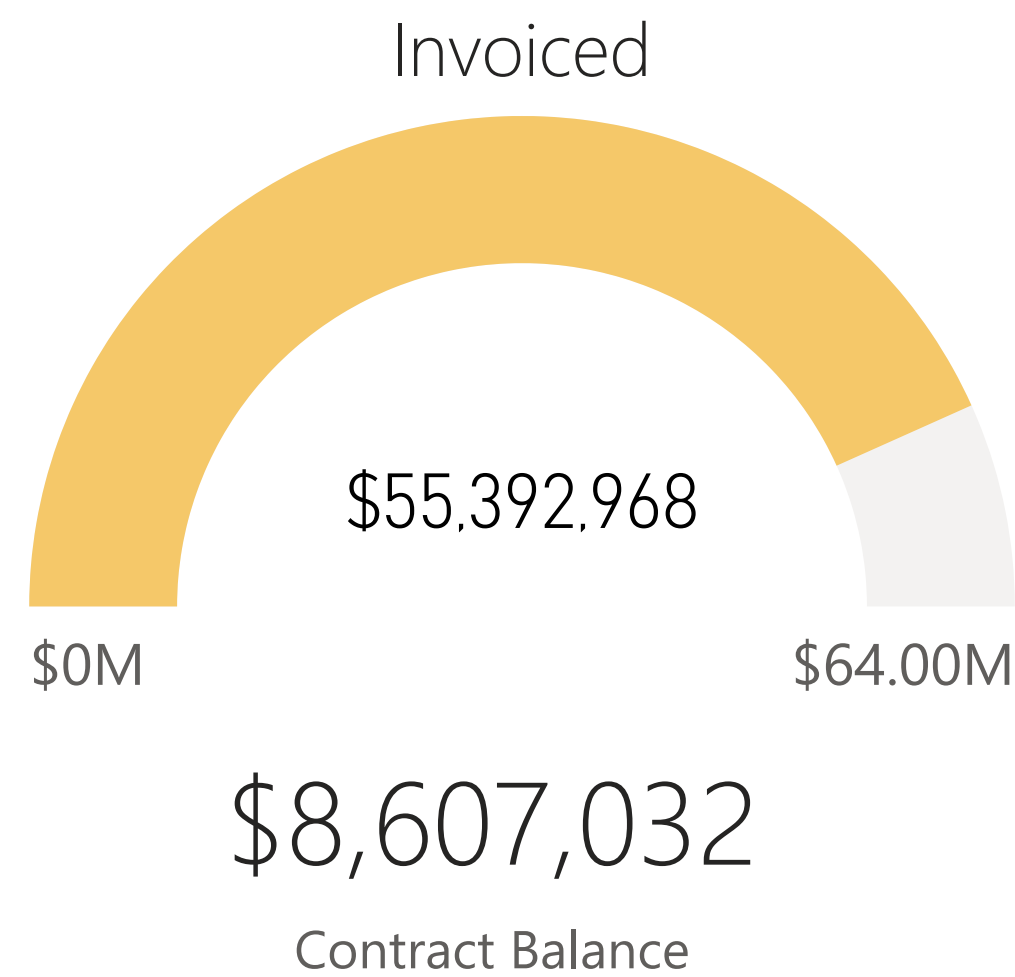
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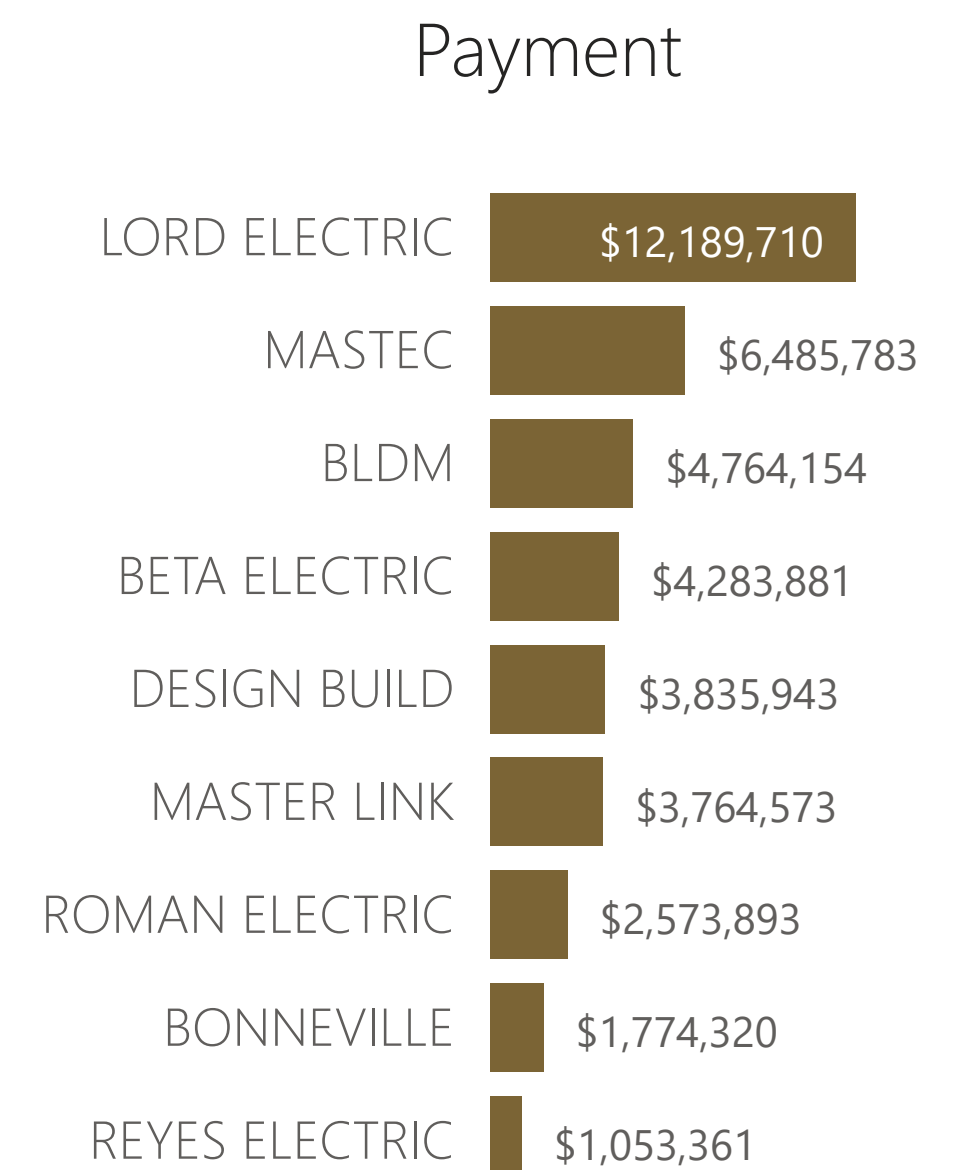
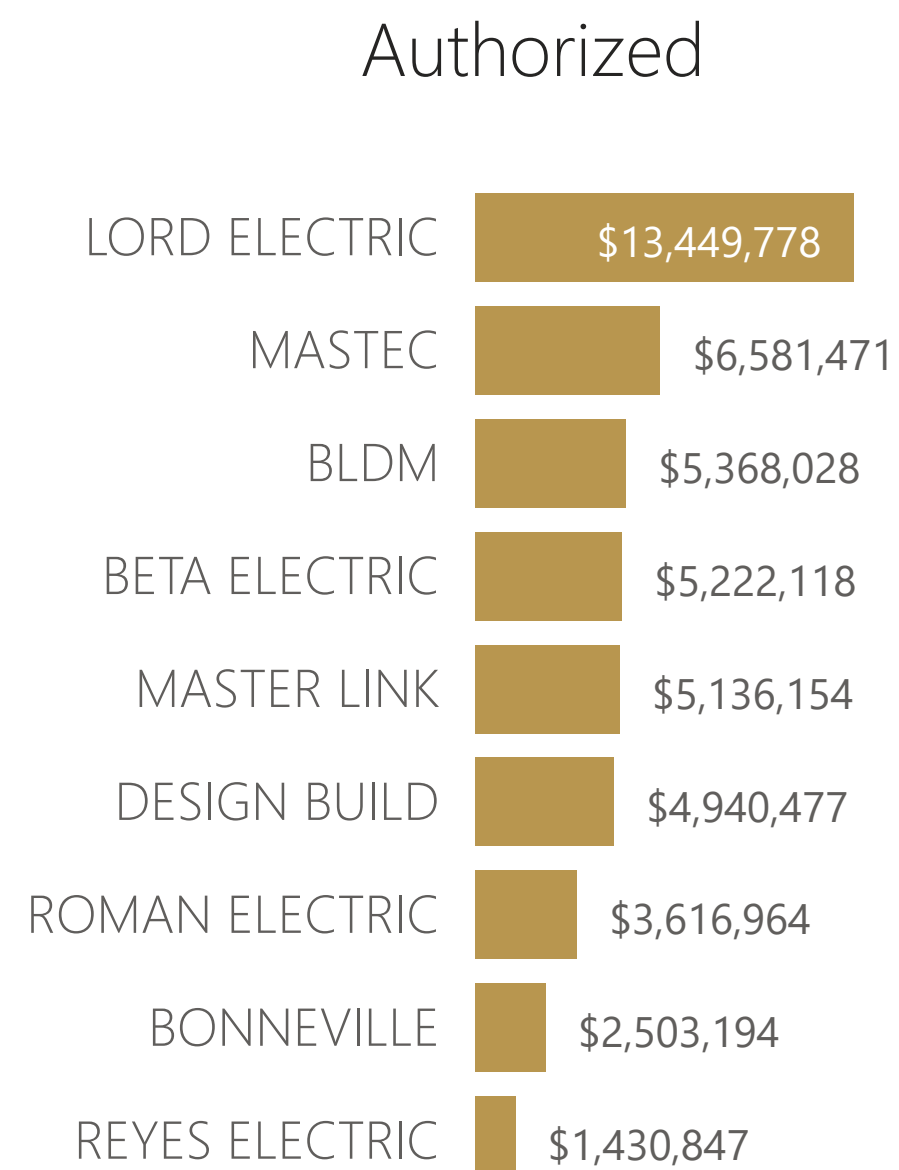
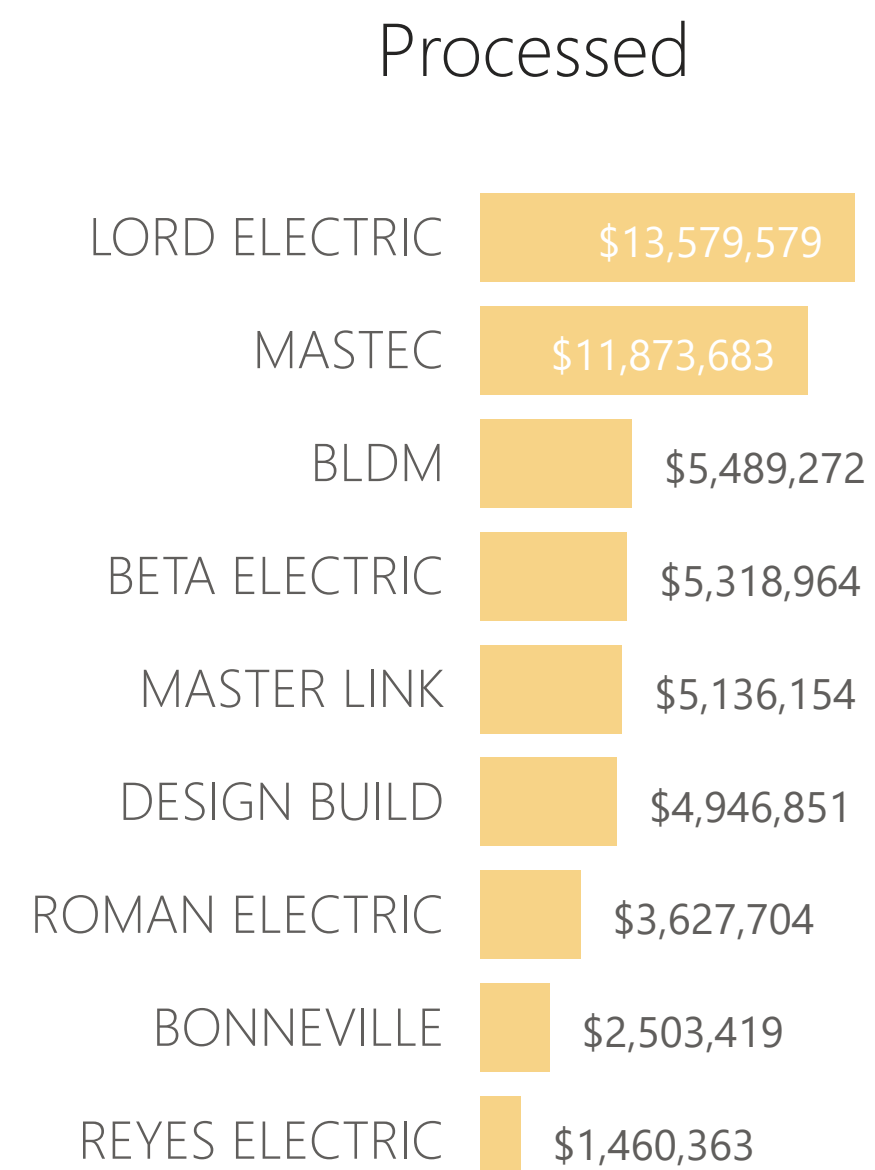
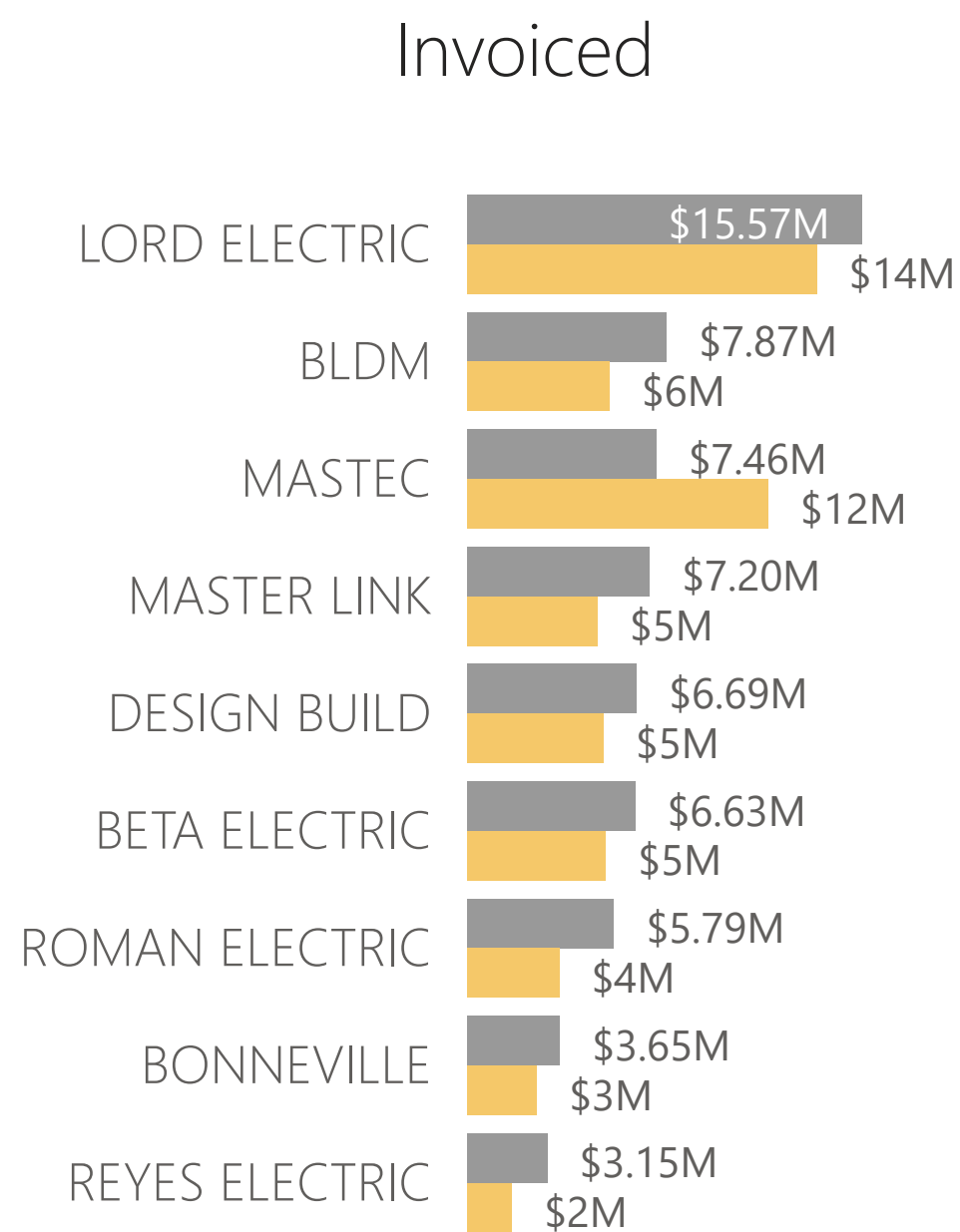
6/2/2021 10:31:05 AM

Invoice Data as of:

5/22/2021



DETAIL BY CONTRACTOR:



● Contract Amount ● Total Invoiced