# 2016 PUBLIC HEALTH & SAFETY BOND Quarterly Update



San Francisco Health Network



ZUCKERBERG SAN FRANCISCO GENERAL Hospital and Trauma Center

> Full Health Commission (Virtual) May 4, 2021

SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Bond Overview – Mark Primeau (DPH)

Budget/Bond Sales and Bond Component Budget - Mark Primeau (DPH)

Historical Costs and Bond Program Impacts – Mark Primeau/Terry Saltz (DPH)

COVID-19 Impacts and Strategies to Manage Budget Challenges; Project Updates

- Joe Chin (SF Public Works)

Coordination w/ UCSF Research Center Project - Mark Primeau (DPH)/Alicia Murasaki, (UCSF)

### 1<sup>st</sup> and 3<sup>rd</sup> Bond Sales Budget and Allocation

	Public Health and Safety Components/Projects	Bond Authorization	Revised Bond Budget	1st Bond Sale	3rd Bond Sale
1	ZSFG Building 5 Seismic Upgrade and Outpatient Improvements Program (DPH)	\$222,000,000	\$218,723,000	\$112,055,942	\$107,680,514
2	Southeast Health Center Renovation (Phase 1) and New Addition (Phase 2) Program (DPH)	\$30,000,000	\$29,700,000	\$18,239,644	\$11,599,626
3	Community Health Centers Improvement Program (Various Locations) (DPH)	\$20,000,000	\$19,800,000	\$16,185,710	\$3,710,291
	Oversight, Accountability, and Cost of Issuance	\$0	\$3,777,000	\$2,808,704	\$1,396,560
	Total	\$272,000,000	\$272,000,000	\$149,290,000	\$124,386,991

 \$16.6M pre-bond funding appropriation from General Funds have been reimbursed out of the First Bond Sale

	1st Bond Sale Jan 2017	3rd Bond Sale Oct 2020	Total
Sale Amount (Not to Exceed) (All PHS components)	\$176.0 M	\$174.0 M	\$350.0 M
% Rate	2.99%	2.53%	
Budget (DPH components only)	\$146.5 M	\$125.5 M	\$272.0 M <sup>2</sup>
Expended/Encumbered	\$130.8 M <sup>1</sup>	\$3.2 M <sup>1</sup>	\$134.0 M <sup>1</sup>
% Expended/Encumbered	89%	3%	50%

1. PeopleSoft financial data as of 2-28-2021. Financial data are subject to revision based on ongoing Public Works labor and non-labor clean-up effort).

2. The Budget numbers indicated are only showing the DPH portion of the bond, totaling to \$272 M

# **Project Budget: ZSFG Building 5**

#### Total Budget: \$222 Million

	Bond Budget	Other Fund Sources <sup>5</sup>	Bond Expended as of 2/28/2021 <sup>3</sup>	% Expended/ Budget	Bond Encumbered as of 2/28/2021 <sup>3, 4</sup>	% Bond Expended+ Encumbered/ Budget	Bond Forecast
Purchase, Construction, & Mobilization	\$140,336,852	\$11,400,000	\$22,356,309	15.9%	\$3,822,144	17.3%	\$140,336,852
Project Control	\$61,075,172	\$0	\$48,207,022	78.9%	\$5,972,764	88.7%	\$61,075,172
Other Program Costs <sup>2</sup>	\$5,000,000	\$0	\$0	0.0%	\$0	0.0%	\$5,000,000
Finance Costs <sup>1</sup>	\$4,187,977	\$0	\$1,706,562	40.7%	\$0	40.7%	\$4,187,977
Total	\$210,600,000	\$11,400,000	\$72,269,893	34.3%	\$9,794,908	37.0%	\$210,600,000

 Finance Costs include Underwriter's discount, cost of issuance, GO oversight committee fee, Controller's audit fees, totaling \$1,706,562. Because the total Finance costs for the 1<sup>st</sup> sale include all 3 agencies and 3<sup>rd</sup> sale includes 2 agencies, DPH has segregated out it's portion of the finance costs.

- 2. Other Program costs include Project Contingency
- 3. PeopleSoft financial data as of 2-28-2021. Financial data are subject to revision based on ongoing Public Works labor and non-labor cleanup effort.
- 4. \$16.3M has been reallocated from Building 5 component to fund CHC Projects
- 5. Other Fund Sources include \$11.4M (2020 HR Bond); capital campaign, SFGH Foundation (\$TBD); bond interest earnings, etc.

# **Project Budget: Community Health Centers**

#### Total Budget: \$50 Million

	Bond Budget	Other Fund Sources <sup>5</sup>	Bond Expended as of 2/28/2021 <sup>3</sup>	% Expended/ Budget	Bond Encumbered as of 2/28/2021 <sup>3, 4</sup>	% Bond Expended+ Encumbered/ Budget	Bond Forecast
Purchase, Construction, & Mobilization	\$36,360,202	\$7,215,000	\$15,231,788	35.0%	\$21,336,614	83.9%	\$36,360,202
Project Control	\$12,639,798	\$7,215,000	\$16,208,771	81.6%	\$870,681	86.0%	\$12,639,798
Other Program Costs <sup>2</sup>	\$500,000	\$0	\$0	0.0%	\$0	0.0%	\$500,000
Finance Costs <sup>1</sup>	\$500,000	\$0	\$462,848	92.6%	\$0	92.6%	\$500,000
Total	\$50,000,000	\$14,430,000	\$31,903,407	63.8%	\$22,207,295	84.0%	\$50,000,000

1. Finance Costs include Underwriter's discount, cost of issuance, GO oversight committee fee, Controller's audit fees, totaling \$462,848. Because the total Finance costs for the 1<sup>st</sup> sale include all 3 agencies, DPH has segregated out it's portion of finance.

- 2. Other Program Cost include Project Contingency
- 3. PeopleSoft financial data as of 2-28-2021. Financial data are subject to revision based on ongoing Public Works labor and non-labor clean-up effort.
- 4. \$16.3M has been allocated from ZSFG Building 5 Component to CHC Projects
- 5. Other Fund Sources includes FEMA (\$1.6M), PUC (\$750K), Mayor's Budget Office (\$1.8M), MHSA (\$3.2M), OCII (\$2M), program contingency (\$2.5M), bond interest earnings (\$TBD), etc.

# HISTORICAL PROJECT COSTS ON ZSFG CAMPUS

#### **Historical Cost Data**

#### 2008 SFGH Rebuild Project (Bids in 2009)

Туре:	New Construction
Size:	538,220 sq ft
Construction Cost:	\$682,524,880
Constrn Cost per Sq. Ft:	\$1,268

#### **ZSFG Rehabilitation Department (Bid in 2017)**

Туре:	Tenant Improvement
Size:	12,800 sq ft
Construction Cost:	\$12,400,000
Constrn Cost per Sq. Ft:	\$969

#### **Current Cost Data (based on preliminary bid pricing)**

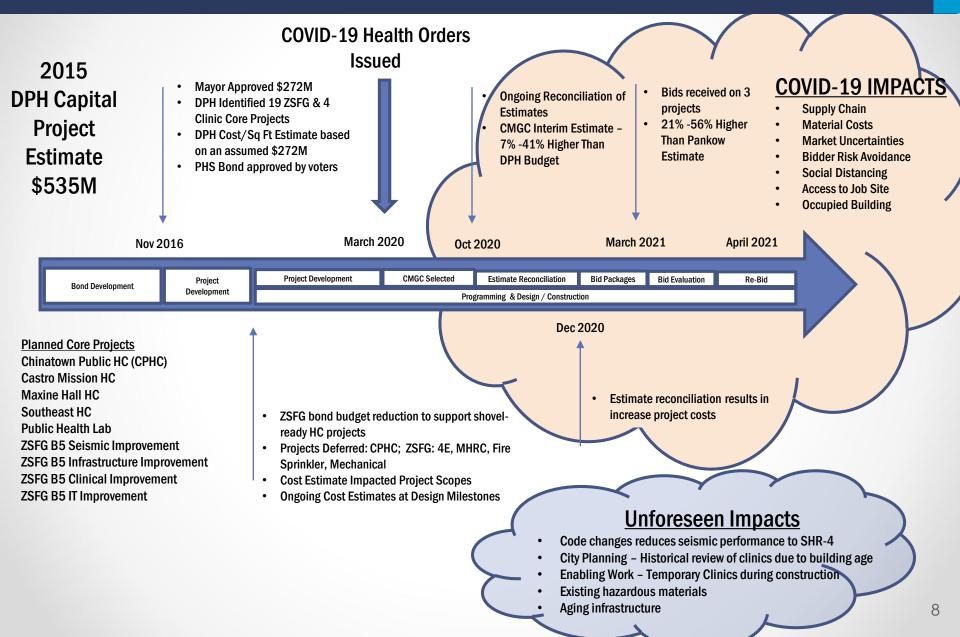
#### **ZSFG** Dialysis Relocation (Bidding in 2021)

Туре:	Tenant Improvement
Size:	11,257 sq ft
Construction Estimate:	\$12.4M
Constrn Cost per Sq. Ft:	\$1,098
Prelim Costs (based on bids):	\$15.5M
Constrn Cost per Sq. Ft:	\$1,377 sq ft

#### **ZSFG** Public Health Lab (Bidding in 2021)

Туре:	Tenant Improvement
Size:	15,421 sq ft
Construction Estimate:	\$18.3M
Constrn Cost per Sq. Ft:	\$1,188
Prelim Costs (based on bids):	\$22.2M
Constrn Cost per Sq. Ft:	\$1,440 sq ft

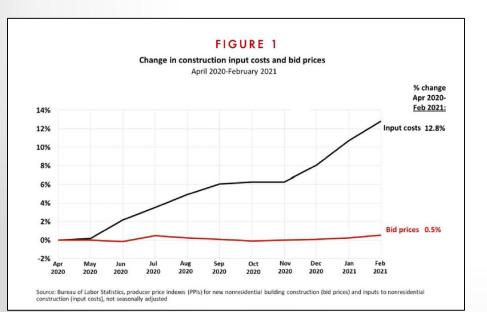
# **BOND PROGRAM IMPACTS**



### **COVID-19 IMPACTS ON PROJECT COSTS**

### **Cost Driver #1 – Unprecedented material cost escalation**

- Since April 2020, material prices (contractor input costs) have steadily increased by nearly 13%.
- Diesel fuel PPI (producer price index) has increased more than 114% between April 2020 and Feb 2021
- Examples: Lumber and plywood 62%; copper 37%; steel mill products – 20%
- Production cannot keep up with demand due to factory shutdowns and material shortage





#### CONSTRUCTION INFLATION ALERT

The construction industry is currently experiencing on unpre-codented mix. of steeply raising motivatio prices, snorled unpyly chains, and adding difficulties, combined with alumping demand that is tesping many contractor from passing on their added costs. This combination threatens to puth some firms out of business and add to the industry's nearly double digit unengloyment rates.

The abundon calls for immediate action by federal mode officials to end treffs and quotes that ore adding to prior increases and anguly shortness. Officials of all senses of government need to identify and namore or issues around the sense of the sense of the sense of the sense of the production, transport, and adheney of construction monitoris and products production, transport, and adheney of construction monitoris and products production, transport, and adheney of construction monitoris and products production provides and an environment of the sense products and the sense of the sense of the sense of the sense products and the sense of the sense of the sense of the sense and back and senses are signed to charge in material costs and acquested definery datas and doubd communicates the information promptly to correct and programmers defined.

This report is intended to provide all parties with better understanding of the current illustion, the impact on construction firms and projects, in likely course in the next served months, and possible steps to miligate the damage. The document will be revised to keep it finally as conditions change. Please send comments and feedback to AGC of America's chief economist, Ken Simono, here, almostrol@goc.com

www.agc.org

# **12.8%**

Input costs for general contractors have soared nearly 13% from April 2020 to February 2021

### 12.9%

In the past price inflation, materials costs experienced an annual growth rate increase of 12.9% in September 2008

# **COVID-19 IMPACTS ON PROJECT COSTS**

#### **Cost Driver #2 – Construction market shifting to residential construction**

- Residential construction has increased by 21% since April 2020
- Contractors appear to be shifting project portfolios to residential projects during this volatile economy.
- Premium price to attract Contractors to commercial projects, especially hospital construction projects.



Residential construction spending jumped 21% from January 2020 to January 2021

#### **Cost Driver #3 – Construction in Building 5 is challenging**

- OSHPD jurisdiction
- Building is occupied and all construction work requires detailed infection control procedures to be setup
- Active clinical operations require close coordination and communication between project and hospital operations
- Proximity to COVID-19 testing and patients has intimidated contractors
- Bond projects are complex and challenging (scope, schedule, coordination) (e.g. Seismic Upgrade (200+ locations), Public Health Lab, etc.)
- Enabling projects are required to support main tenant improvement project

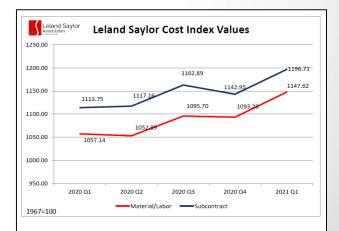
# **COVID-19 IMPACTS ON PROJECT COSTS**

#### **Cost Driver #4 – COVID-19 Health Order Cost Impacts**

- Additional hand washing cleaning stations
- Additional staff to monitor and enforcement of health ordinance requirements
- More frequent cleaning of shared spaces
- Lost productivity due to social distancing
- Re-sequencing of construction activities to maintain social distancing
- Cost of Personal Protective Equipment (PPE)

#### **Cost Driver #5 – Challenging Bid Environment**

- Many pre-qualified subcontractors have withdrawn from bidding on the project
- Limited pool of subcontractors that are experienced with OSHPDwork
- COVID-19 impacting material/labor cost (avg. 8.56%) and subcontractor cost (avg. 7.45%)
- Premium cost to attract qualified contractors to work in a high-risk project environment



	Material/Labor		Subcontract		
2020 Q1	1057.14	0.46%	1113.75	0.71%	
2020 Q2	1052.89	-0.40%	1117.16	0.31%	
2020 Q3	1095.70	4.07%	1162.89	4.09%	
2020 Q4	1093.28	-0.22%	1142.95	-1.71%	
2021 Q1	1147.62	4.97%	1196.71	4.70%	
YoY		8.56%		7.45%	

# STRATEGIES TO MANAGE BUDGET CHALLENGES

#### **Costs and Risk Management**

- Wave 1 Rebidding 10 of the trade packages
  - Clarify scope to better align design scope with bid pricing
  - Modify trade package documents to avoid subcontractor's higher pricing based on "assumed" risks. Pankow Builders and DPH/DPW will actively manage the risks.
  - More direct outreach by Pankow Builders to the pre-qualified subcontractors to submit bids to allow for competitive pricing and create a larger trade partner bidding pool.
  - Re-package bid packages into smaller bid packages to allow for targeted negotiation for discrete scopes and self-perform work by Pankow Builders
  - □ Educate trade contractors on the LBE requirements
- Create early demolition packages to avoid unforeseen conditions during construction (e.g. Psychiatric Emergency Services)
- Incorporate lessons learned from current projects
- Experts is forecasting a slow recovery in upcoming 2021 for the construction industry
- Utilize alternate funding sources to supplement bond funding
  - (e.g. \$11.4M from 2020 Health & Recovery Bond, FEMA (\$1.6M), Mayor's Office (\$1.8M), PUC (\$750K), MHSA (\$3.2M), OCII (\$2M), program contingencies (\$2.5M), 2016 interest earnings (\$ TBD), capital campaign/ZSFG Foundation (\$TBD))

# ZSFG Building 5 – Project Updates

#### **Projects in Bidding/Construction:**

- 6H Surge Space
  - Ward 2C-Go live on April 22. 6H-targeted to be completed by June 2021 pending fire alarm testing and approval.
- Rehabilitation Department Relocation
  - Ward 3G-targeted to be completed by June 2021, pending fire alarm shop drawing revision approval.
- Dialysis and Public Health Laboratory (PHL)
  - Ongoing early scopes. Main scopes to start pending completion of trade package bidding

#### CM/GC Contract (8 projects)

- Wave 1 (Seismic, Dialysis, and PHL) Bids for 24 trade packages due on March 1. Rebidding for 10 trade packages with bids due on April 27.
- □ Wave 2 (Clinical Lab & IT Infrast) Targeting to start bidding by 2Q, 2021

#### **Projects in Design:**

- Family Health Center Preparing for submittal to OSHPD by June 2021
- Psychiatric Emergency Services (PES) 100% DD drawings by 2<sup>nd</sup> Q, 2021
- Building 80/90 Specialty Services 100% CD drawings by 2<sup>nd</sup> Q, 2021





### **Community Health Centers – Project Update**

#### Southeast Health Center (District 10 – Walton)

• Steel topping out event on March 26





#### Maxine Hall Health Center (District 5 – Preston)

• Targeting to achieve Substantial Completion for building renovation by June 2021.

#### Castro Mission Health Center (District 8 – Mandelman)

- NTP issued on 1/11/2021
- Haz mat abatement and demolition completed on 1<sup>st</sup> and 2<sup>nd</sup> floor





# **UCSF Research and Academic Building**



# **Questions?**



San Francisco Department of Public Health

### **Bond Component Budget Details**

# Appendix

### **Other Potential Supplemental Fund Sources**

FUND	FUND SOURCE DESCRIPTION
SOURCE	
TYPE	
Α	2016 BOND PROGRAM CONTINGENCY - \$5 M
В	CAL OES/FEMA HAZARD MITIGATION GRANT: \$ 1.63 M (Castro Mission HC)
С	BOND INTEREST EARNINGS: \$3.5M - \$5M (DEPENDENT ON MARKET CONDITIONS OF
	2ND SALE)
D	DONOR- PHILANTHROPHY: \$ TBD
E	PUC ENERGY GRANT DOLLARS: TBD, \$500,000 TARGET
F	2020 HEALTH AND RECOVERY BOND PROGRAM (\$11.4M for PES Project)
G	REIMBURSEMENT OF BOND ELIGIBLE EXPENSES APPLIED TO A FUTURE DPH BOND:
	\$500,000 - \$1,500,000 (e.g. Chinatown Public HC)
н	DPH REVENUE/SAVINGS - APPROVED BY MBO FOR USE ON CAPITAL: \$ TBD
I	MHSA & OCII funding and PUC funding (Southeast HC): \$3-\$6.25M

# PROGRAM SCHEDULE SUMMARY

Activity Name	Duration (Cal. days)	Start	Finish	2020 2021 2022 2023 2024 2025 2026 QQ Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q		
Health & Safety Bond Program	0					
ZSFG Building 5 Component	0			╎╸┥╺╾╇╸╇╼╴┦╼╴ <mark>┥╸╇╸┽╸┽╸┽╸┽╸┥╸┥╸┥╸┽╸┥╸┥╸┥╸┥╸┥╸┥╸┥╸┥╸┥╸┥</mark> ╸┥╸┥╸┥╸		
6H Surge Space	1936	01-Mar-16 A	19-Jun-21	┝╍ <mark>┥╍╪┉╪╍╎╍╴┝╍<mark>╋</mark>╍┝╍┾╍┾╍┼╍┼╍┾╍┼╍┼╍┾╍┾╍┼╍┝╍┾╍┼╍┼╍┼╍┼╍┼╍┼╍┼</mark>		
Design	741	01-Mar-16 A	12-Mar-18 A	Current Date		
Construction	1058	12-Jun-18 A	05-May-21	┟╍┨╍┶╍┶╍┚╍┠╍╋╸╬╸┝╸┝╸┝╼┾╶┝╶┿╌┥╸┽╸┽╸┿╶┿╴┝ <mark>┷╶┯╼╸┯╸┯╸┯╸┯╸┯╸╇</mark> ╺╎ <del>╺╺┯╸╸╓╸╸┙</del> ┛		
Transition	45	05-May-21	19-Jun-21			
Rehabilitation Department Relocation	2242	01-Oct-15 A	20-Nov-21			
Design	988	01-Oct-15 A	15-Jun-18 A			
Construction	1129	28-Jun-18 A	31-Jul-21			
Transition	112	31-Jul-21	20-Nov-21			
Urology Clinic ACD9	160	01-Oct-21	10-Mar-22			
Construction	160	01-Oct-21	10-Mar-22			
Seismic Retrofit	3029	31-Dec-15 A	16-Apr-24			
Design	1627	31-Dec-15 A	14-Jun-20 A			
Construction	1931	03-Dec-18 A	17-Mar-24	╺──────────────────────────────────────		
Transition	30	17-Mar-24	16-Apr-24	ранала странала страна Странала странала стра		
Dialysis	2823	20-Nov-15 A	13-Aug-23			
Design	1668	20-Nov-15 A	14-Jun-20 A			
Construction	895	09-Nov-20 A	23-Apr-23			
Transition	112	23-Apr-23	13-Aug-23			
Public Health Lab	2805	08-Dec-15 A	13-Aug-23			
Design	1650	08-Dec-15 A	14-Jun-20 A			
Construction	865	09-Dec-20 A	23-Apr-23			
Transition	112	23-Apr-23	13-Aug-23	<mark>┍</mark> ┥╌╪╌╪╌┥ <mark>╸</mark> ╌╪╌┥┥┥╴╧ <mark>╧┙┙</mark> ╪┝╌╪┥╧┥┝╶╧┥┥		
IT Infrastructure	2747	01-Nov-16 A	10-May-24			
Design	1321	01-Nov-16 A	14-Jun-20 A			
Construction	840	01-Oct-21	19-Jan-24	┍┱┯┿┿┿┿┯┿╍╋╸ <mark>╷╵╴╎╴╎╴╎╴╎╴╎╴╎╴╎╴╎╴╎╴╎</mark> ╴╎╴┥╴╎		
Transition	207	16-Oct-23	10-May-24	┟┥ <mark>╺┿┿┿┿╇╸</mark> ╴┊╴┊╴┧╴╡╴╡╴ <mark>╧╤╤╛</mark> ┊╏╴┱╴┙╴╢╴╞╶╡╶┤╴╎╴┊╴╡╴╎		
Family Health Center Relocation	2475	01-Mar-18 A	09-Dec-24			
Current Activity Page 1 of 2	م ا	dend:				
Baseline Activity	Legend: Design: Programming, Design, Permitting, and Bid & Award					
Prev. Reported Activity	Construction: NTP, Construction, and Punchlist					
			-	-		
*Estimated Dates as April 2021	Tra	ansition: FF	&E, Training	g, and Licensing		

# **PROGRAM SCHEDULE SUMMARY**

stivity Name	Duration (Cal. days)	Start	Finish	2020 2021 2022 2023 2024 2025 2026 Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
Design	1445	01-Mar-18 A	13-Feb-22	
Construction	820	13-Jun-22	10-Sep-24	
Transition	90	10-Sep-24	09-Dec-24	
Psychiatric Emergency Services (PES) Expansion	2427	01-Mar-18 A	22-Oct-24	
Design	1597	01-Mar-18 A	15-Jul-22	
Construction	600	01-Aug-22	23-Mar-24	
Transition	213	23-Mar-24	22-Oct-24	
B80, B90 Specialties Relocation	2125	25-Oct-18 A	19-Aug-24	
Design	1204	25-Oct-18 A	10-Feb-22	
Construction	600	27-Sep-22	19-May-24	
Transition	150	22-Mar-24	19-Aug-24	
No Phase	364	01-Apr-21	31-Mar-22	
Community Health Center Components	0			
Southeast Health Center Ph-1 (Renovation)	1750	01-Nov-12 A	25-Aug-17 A	
Design	1574	01-Nov-12 A	02-Mar-17 A	Current Date
Construction	150	03-Mar-17 A	31-Jul-17 A	
Transition	24	01-Aug-17 A	25-Aug-17 A	
Maxine Hall Health Center (MOU: 1/6/17)	1785	16-Aug-16 A	06-Jul-21	
Design	1050	16-Aug-16 A	02-Jul-19 A	
Construction	702	03-Jul-19 A	04-Jun-21	
Transition	31	05-Jun-21	06-Jul-21	
Castro Mission Health Center (MOU: 1/6/17)	2629	25-Mar-15 A	05-Jun-22	
Design	2118	25-Mar-15 A	10-Jan-21 A	
Construction	448	11-Jan-21 A	04-Apr-22	
Transition	61	05-Apr-22	05-Jun-22	
Southeast Health Center Ph-2 (Addition)	2220	20-Nov-16 A	19-Dec-22	
Design	1224	20-Nov-16 A	28-Mar-20 A	
Construction	945	18-May-20 A	19-Dec-22	
Transition	135	09-Apr-22	22-Aug-22	
Current Activity Page 2 of 2	Le	gend:		
Baseline Activity	De	sign: Progr	amming, De	esign, Permitting, and Bid & Award
Prev. Reported Activity	Co	onstruction:	NTP, Const	truction, and Punchlist
*Estimated Dates as April 2021			-	g, and Licensing