

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
[Permits@fortbendcountytexas.gov](mailto:Permits@fortbendcountytexas.gov)

Permit No: 2020-34885

03/08/2022 Original (i) sent to Jillian Peterson/Sean Eglinton, Engineering dept.



**REVIEW BY FORT BEND COUNTY**  
**COMMISSIONERS COURT**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytexas.gov

☐ Right of Way Permit  
☒ Commercial Driveway Permit  
Permit No: 2020-34885

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

**(1) COMPLETE APPLICATION FORM:**

- ☒ a. Name of road, street, and/or drainage ditch affected.  
☒ b. Vicinity map showing course of directions  
☒ c. Plans and specifications

**(2) BOND:**

- ☐ County Attorney, approval when applicable.
- ☐ Perpetual bond currently posted. Bond No: \_\_\_\_\_ Amount: \_\_\_\_\_
- ☒ Performance bond submitted. Bond No: [REDACTED] Amount: \$10,000.00
- ☐ Cashier's Check Check No: \_\_\_\_\_ Amount: \_\_\_\_\_

**(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):**

\_\_\_\_\_  
Drainage District Approval

\_\_\_\_\_  
Date

**We have reviewed this project and agree it meets minimum requirements.**

\_\_\_\_\_  
Permit Administrator

2/21/2022

\_\_\_\_\_  
Date

AT:\TRA\1801\Fort Bend County Standard\Bridges\Fort Bend County Standard\Bridges\DETAILS FOR MAJOR ROADWAY CONSTRUCTION.dwg

**PLAN VIEW**

**SECTION A-A**  
(DRIVEWAY SLOPES TO ROADWAY)

**NOTES:**

1. SAWCUT EXISTING DRIVEWAY AT R.O.W. LINE OR AS SHOWN ON DRAWING AND REMOVE EXISTING DRIVEWAY TO SAWCUT LINE.
2. IF THERE IS EXISTING CURB OR DRIVEWAY, CORRECT PROPOSED CURB TO EXISTING CURB, OTHERWISE TAPER CURB HEIGHT AS SHOWN.
3. SEE PAVEMENT DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
4. THE DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM 360.

**MINIMUM RADII REQUIREMENTS - DRIVEWAYS**

	LOCAL	COLLECTOR/MAJOR
RESIDENTIAL	5'	-
COMMERCIAL	10'	25'

**SECTION A-A**  
(DRIVEWAY SLOPES AWAY FROM ROADWAY)

	PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THROUGHFARE)	RESIDENTIAL (COLLECTORS AND LOCAL STREETS)
REINFORCEMENT	6"	#4 @ 24" O.C.E.W.	N/A	#4 @ 24" O.C.E.W.
	7"	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.
	8"	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.
	9"-10"	#5 @ 18" O.C.E.W.	#5 @ 18" O.C.E.W.	#5 @ 18" O.C.E.W.
EXPANSION DOWEL JOINT	6"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
	7"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
	8"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
	9"-10"	1 1/2" DIA. SMOOTH BAR	1 1/2" DIA. SMOOTH BAR	1 1/2" DIA. SMOOTH BAR
CONSTRUCTION JOINT DOWEL	ALL	#5 REBAR	#5 REBAR	#5 REBAR
SUBGRADE	ALL	6" CEMENT-STABILIZED SAND	2" BANK SAND	2" BANK SAND
RUNNING SLOPE	ALL	2% TO 4%	2% TO 6%	2% TO 10%*

\*10% ALLOWABLE ON PRIVATELY CONSTRUCTED PROJECTS  
6% MAX ON PUBLIC PROJECTS

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RHB

**FORT BEND COUNTY**  
**ENGINEERING DEPARTMENT**

FOR INTERIM REVIEW ONLY  
DOCUMENT INCOMPLETE  
NOT ADOPTED FOR CONSTRUCTION  
REVISIONS: C-NON-PRINT  
P.E. SERIAL NO.  
DATE

PROJECT TITLE  
DRAWN BY  
CHECKED BY  
SHEET DESCRIPTION  
DRIVEWAY DETAILS FOR  
MAJOR ROADWAY CONSTRUCTION  
APPROVED BY  
DATE  
2-1-21

SHEET NO.  
# / #

**DRIVEWAY AT 6" CONCRETE CURB**  
SCALE: 1" = 5'-0"

**DRIVEWAY AT 4"x12" CONCRETE CURB**  
(IN RESIDENTIAL AREAS)  
SCALE: 1" = 5'-0"

**SECTION A-A**  
SCALE: 1" = 1'-6"

**SECTION B-B**  
SCALE: 1" = 1'-6"

**DOWEL TYPE EXPANSION JOINT**  
SCALE: 1" = 1'-6"

**NOTES:**

1. PROPOSED DRIVEWAY AT 6" CONCRETE CURB SHALL MATCH EXISTING CURB AT POINT OF TANGENCY.
2. PROPOSED DRIVEWAY SHALL BE BUILT WITH PORTLAND CEMENT CONCRETE, IS 1/2" SACK MINIMUM PER CUBIC YARD, 5500 PSI STRENGTH AT 28 DAYS. THIS DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM 330.
3. COMPACTION OF SUBGRADE TO 95% OF STANDARD PROCTOR DENSITY (ASTM D1557) (15% OPTIMUM MOISTURE) FOR PROPOSED DRIVEWAY CONNECTION. THE COUNTY ENGINEER RESERVES THE RIGHT TO INSPECT AND REQUIRE LABORATORY TEST TO BE CONDUCTED.
4. FOR COMMERCIAL DRIVEWAYS, USE 6" OF COMPACTED CEMENT STABILIZED SAND. FOR RESIDENTIAL DRIVEWAYS, USE 2" OF COMPACTED BANK SAND.
5. A PROPOSED DRIVEWAY TO BE BUILT ON A CORNER LOT CANNOT BE LOCATED WITHIN ANY PORTION OF THE PUBLIC STREET CURB BACK. THE POINTS OF TANGENCY MAY BE THE SAME POINT ALONG THE STREET CURB LINE.
6. PROPOSED DRIVEWAY REINFORCING STEEL SHALL BE TIED TO EXISTING CONCRETE PAVEMENT WITH A MINIMUM LAP OF 18 INCHES.
7. IF EXISTING STREET REBAR IS CUT OFF, THEN #4 DOWEL BARS (18" LONG) NEED TO BE INSTALLED AT 24" SPACING, EMBEDDED 8 INCHES AND EPOXY ON MATCH EXISTING SPACING IF TIGHTER.
8. 3" NON-METALLIC CHAIRS ARE REQUIRED.
9. FOR CAPITAL IMPROVEMENT PROJECTS, THE SUBGRADE SHALL BE STABILIZED ACCORDING TO THE GEOTECHNICAL REPORT RECOMMENDATIONS.
10. SAW AND SEAL ALL CONSTRUCTION JOINTS.
11. SIDEWALK SLOPES SHALL COMPLY WITH THE TEXAS ACCESSIBILITY STANDARDS 403.1.5 "50/50".
12. IF SIDEWALK IS EXISTING, SEE SECTION C-C.
13. SIDEWALKS MAY BE REDUCED TO 4" IN FRONT OF SINGLE-FAMILY RESIDENTIAL LOTS WHEN A 5' PASSING AREA IS PROVIDED IN THE DRIVEWAY.
14. FOR SIDEWALK DETAILS SEE SIDEWALK DETAILS SHEET.

	PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THROUGHFARE)	RESIDENTIAL (COLLECTORS AND LOCAL STREETS)
REINFORCEMENT	6"	#4 @ 24" O.C.E.W.	N/A	#4 @ 24" O.C.E.W.
	7"	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.
	8"	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.
	9"-10"	#5 @ 18" O.C.E.W.	#5 @ 18" O.C.E.W.	#5 @ 18" O.C.E.W.
EXPANSION DOWEL JOINT	6"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
	7"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
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	9"-10"	1 1/2" DIA. SMOOTH BAR	1 1/2" DIA. SMOOTH BAR	1 1/2" DIA. SMOOTH BAR
CONSTRUCTION JOINT DOWEL	ALL	#5 REBAR	#5 REBAR	#5 REBAR
SUBGRADE	ALL	6" CEMENT-STABILIZED SAND	2" BANK SAND	2" BANK SAND
RUNNING SLOPE	ALL	2% TO 4%	2% TO 6%	2% TO 10%*

\*10% ALLOWABLE ON PRIVATELY CONSTRUCTED PROJECTS  
6% MAX ON PUBLIC PROJECTS

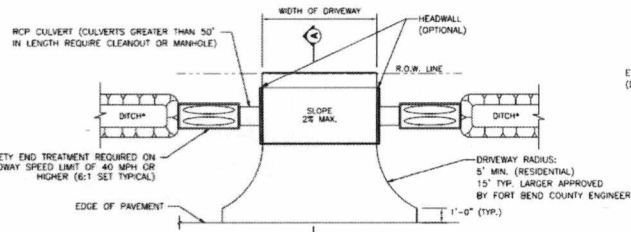
NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RHB

**FORT BEND COUNTY**  
**ENGINEERING DEPARTMENT**

FOR INTERIM REVIEW ONLY  
DOCUMENT INCOMPLETE  
NOT ADOPTED FOR CONSTRUCTION  
REVISIONS: C-NON-PRINT  
P.E. SERIAL NO.  
DATE

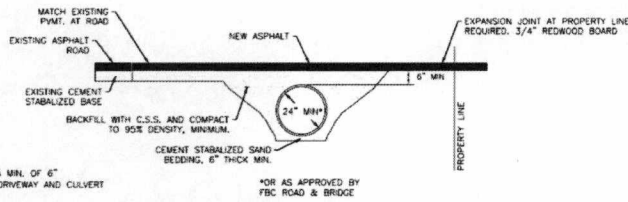
PROJECT TITLE  
DRAWN BY  
CHECKED BY  
SHEET DESCRIPTION  
DRIVEWAY DETAILS FOR  
RESIDENTIAL DRIVEWAYS  
APPROVED BY  
DATE  
2-1-21

SHEET NO.  
# / #

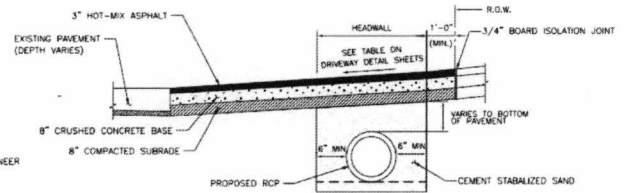


**OPEN DITCH DRIVEWAY**  
\*DITCH IS TO HAVE 4:1 SLOPE

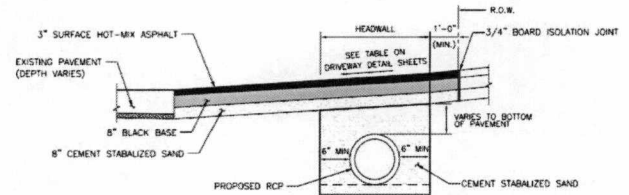
	MINIMUM BASE REQUIREMENTS - DRIVEWAYS	
	LOCAL	COLLECTOR/MAJOR
RESIDENTIAL	5"	-
COMMERCIAL	10"	25"



**ASPHALT APRON DETAIL - DRIVEWAY PROFILE FOR CULVERT DRAINAGE**



**SECTION A-A FOR RESIDENTIAL DRIVEWAYS**



**SECTION A-A FOR COMMERCIAL DRIVEWAYS**

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RWB

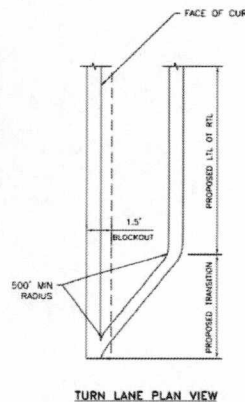
**FORT BEND COUNTY  
ENGINEERING DEPARTMENT**



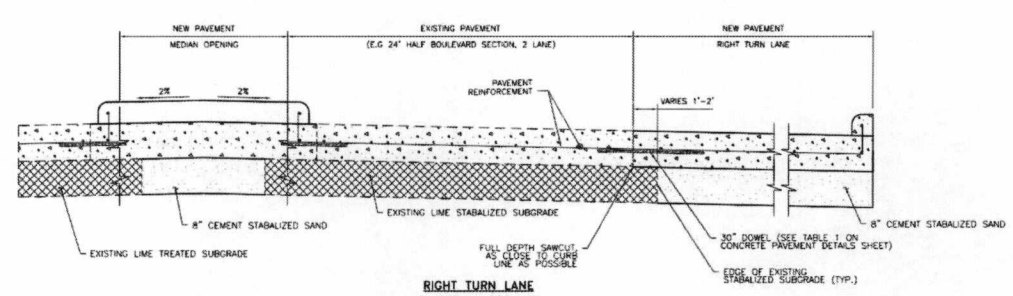
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(LAYER "C-NON-PRINT")

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DOCUMENT COMPLETE  
NOT APPROVED FOR CONSTRUCTION  
REVISIONS REQUIRED  
(LAYER "C-NON-PRINT")  
DATE: 2-1-21

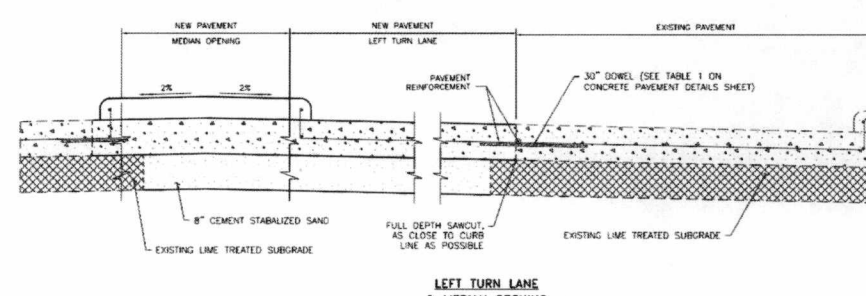
PROJECT TITLE		
DRAWN BY: INT		FIXED STANDARDS
CHECKED BY: INT	SHEET DESCRIPTION ASPHALT DRIVEWAY DETAILS	
SCALE: AS NOTED		SHEET NO. # /
DATE: 2-1-21	APPROVED BY:	



**TURN LANE PLAN VIEW**



**RIGHT TURN LANE & MEDIAN OPENING**



**LEFT TURN LANE & MEDIAN OPENING**

**NOTES**  
1. FOR CONCRETE PAVEMENT REINFORCEMENT AND JOINT DETAILS, SEE CONCRETE PAVEMENT DETAILS SHEET

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RWB

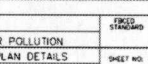
**FORT BEND COUNTY  
ENGINEERING DEPARTMENT**



CONSULTANT LOGO  
(LAYER "C-NON-PRINT")

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REVISIONS REQUIRED  
(LAYER "C-NON-PRINT")  
DATE: 2-1-21

PROJECT TITLE	DATE
TURN LANE & MEDIAN OPENING DETAIL	2-1-21
APPROVED BY:	
SHEET NO.	1 / 1





2020-34885

PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE  
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD,  
COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS  
(AUTHORIZED)

BOND NO. [REDACTED]

THE STATE OF TEXAS §  
COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, CTB CONSTRUCTION INC. whose (address, phone)  
is 9328 Royal Way HOUSTON, TX 77083 (281) 501-3777, hereinafter called the Principal, and  
Travelers Casualty and Surety Company of America, a Corporation existing under and by virtue  
of the laws of the state of CONNECTICUT and authorized to do an indemnifying business in the state of Texas, and  
whose principal office is located at (name/address/phone) One Tower Square Hartford, CT 06183 (888) 460-6622, whose  
officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is  
George Adams & Company Insurance Agency, LLC and whose address is 4501 Cartwright Rd., Suite 402, Missouri City, TX 77459, hereinafter called the Surety,  
and held and firmly bound unto, KP George, County Judge of Fort Bend County, Texas, or his successors in office, in the full  
sum of Ten Thousand Dollars ( \$10,000.00 ) current, lawful money of the United States of America, to be  
paid to said KP George, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly  
to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors,  
assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying,  
constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads,  
streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of  
Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court  
order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend  
County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes  
as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable,  
conduit and/or pole line activity, commercial driveway and median openings or modifications;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity  
(including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under,  
across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of  
Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and  
in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and  
specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and  
make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any  
failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and  
effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or  
additional bonds of the principal.

EXECUTED this 20 day of August, 2020.

CTB CONSTRUCTION INC.

PRINCIPAL

BY

Travelers Casualty and Surety Company of America

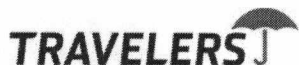
SURETY

BY Joshua R. Kayser, Attorney-in-Fact



3 PGS

20220322220

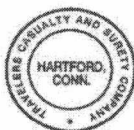


**Travelers Casualty and Surety Company of America  
Travelers Casualty and Surety Company  
St. Paul Fire and Marine Insurance Company**

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **JOSHUA R KAYSER** of **COLUMBIA, Missouri**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

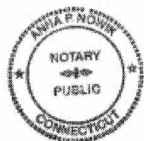
City of Hartford ss.

By:   
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026



  
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **20** day of **August**, 2020



  
Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.  
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.**

FILED AND RECORDED  
OFFICIAL PUBLIC RECORDS

*Laura Richard*

Laura Richard, County Clerk

Fort Bend County Texas

March 08, 2022 09:22:56 AM

FEE: \$0.00

DP2

**2022032220**

