



To: The Philadelphia Art Commission

From: Bicycle Transit Systems

Date: January 26, 2024

Re: Cover Letter for Encroachment Concept Approval

Dear Art Commission,

Bicycle Transit Systems (BTS) is a Philadelphia-based National bike share operator, who is contracted by the City of Philadelphia's Office of Transportation, Infrastructure, and Sustainability (OTIS) to operate Philadelphia's Indego bikeshare. IKE Smart City, an out of home advertising agency, is contracted by BTS to deliver static and digital advertising on Indego bikeshare stations. In partnership with OTIS and IKE Smart City, BTS is seeking approval from the Art Commission to deploy IKE Smart City Kiosks on existing Indego bikeshare stations.

IKE Smart City Kiosks are interactive digital kiosks that will be attached to Indego bikeshare stations. The kiosks will enhance the user experience for Indego customers, deliver public service information, resources, and local art, and generate advertising revenue to support the operations and expansion of Indego. IKE Smart City Kiosks are 99.5" x 37.5" x 12.5" (H x W x D). The kiosks are made from steel and have heat-tempered dual-sided LED touchscreens. The kiosks will be mounted on a poured concrete foundation and a steel baseplate will be used to connect them to the Indego bike share station. The kiosks will resemble Indego's existing wayfinding signage in proximity and integration with the bikeshare stations while providing innovate and state-of-the-art functionality that Indego currently lacks.

The City of Philadelphia's Street's Department has reviewed and provided written conceptual approval of IKE Smart City Kiosks. At this stage, BTS is seeking concept approval from the Art Commission. Assuming this is provided, BTS will identify up to 25 sites for an initial pilot. The pilot sites will be limited to City street's locations in and around Center City and University City, where Indego stations already exist. BTS will submit each of these sites to the Streets Department and Art Commission for site-specific review and approval. BTS is attaching a sample plan set of a deployed IKE Smart Kiosk, a series of photo renderings, and the Streets Department's written conceptual approval.

We look forward to sharing more about this exciting opportunity with the Art Commission. If you need additional information or have any questions, please contact me. Also, I will be BTS's contact for this application and the point of contact for the Art Commission's decision.

Sincerely,

A handwritten signature in black ink, appearing to read "N. Johnston", written in a cursive style.

Nate Bowman-Johnston
General Manager, Indego Bike Share, Bicycle Transit Systems
nbowmanjohnston@bicycletransit.com
(215)510-7792

2023-12-27 C:\USERS\HOWICK\ONE DRIVE - DANIELLA COMPANIES, INC\PHILADELPHIA IKE SMART CITY\PHL-001\CAD FILE\PHL-001_PA_2.DWG DHOWICK

CONSTRUCTION PLANS

FOR

IKE SMART CITY - PHILADELPHIA

PHL-001 20TH STREET & FAIRMOUNT AVE

CITY OF PHILADELPHIA, PENNSYLVANIA

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PROJECT DESCRIPTION

INSTALL INTERACTIVE KIOSK AND SHALLOW FOUNDATION WITHIN THE EXISTING SIDEWALK IN THE RIGHT OF WAY. INSTALL CONDUIT, HANDHOLE, METER/ DISCONNECT TO CONNECT TO PECO POWER. REPAIR CONCRETE SIDEWALK, CURB AND GUTTER, AND ASPHALT THAT IS TO BE DISTURBED DURING INSTALLATION

CLIENT:

IKE SMART CITY, LLC.
250 N HARTFORD AVE
COLUMBUS OHIO 43222

SITE MAP

DECEMBER, 2023

****NOTE****

UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS INFORMATION. NOT BASED ON BOUNDARY SURVEY & FIELD EXPOSURES.

CAUTION!!!

CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

REVISION DESCRIPTION	REV #	DATE

IKE SMART CITY - PHILADELPHIA PHL-001	
COVER SHEET	
DRAWN BY: RLB	C-0
CHECKED BY:	
DATE: 12/01/2023	

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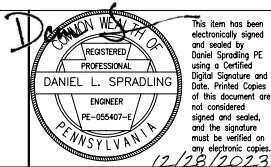
GENERAL CONSTRUCTION NOTES

- 1. ALL CONSTRUCTION, MATERIAL, AND RESTORATION SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE CITY OF PHILADELPHIA.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED.
- 3. ALL EXISTING UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. THE CONTRACTOR SHALL CONTACT ONE CALL SYSTEM TO HAVE THEM LOCATE EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING LOCATING OF PRIVATE FACILITIES.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE UTILITIES IN THE CONSTRUCTION OF THIS PROJECT, INCLUDING FACILITIES NOT SHOWN ON THE PLANS. ALL INFRASTRUCTURE MUST BE TO PROPER GRADE PRIOR TO AND AFTER PLACING PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF ANY PAVING FOR THIS PROJECT.
- 5. BRACING OF UTILITY POLES MAY BE REQUIRED BY UTILITY COMPANIES WHEN TRENCHING OR EXCAVATION IS IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE VARIOUS PAY ITEMS FOR INSTALLATION OF THE KIOSK.
- 6. ALL EXISTING CONCRETE PAVING, SIDEWALKS, AND CURBS NOTED FOR DEMOLITION SHALL BE REMOVED IN THEIR ENTIRETY AND DISPOSED OF BY THE CONTRACTOR OFF SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- 7. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PUBLIC OR PRIVATE PROPERTY, INCLUDING BUT NOT LIMITED TO, FENCES, BOLLARDS, WALLS, PAVEMENT, GRASS, TREES, PLANTERS, DECORATIVE LIGHTING, AND LAWN SPRINKLER AND IRRIGATION SYSTEMS AT NO COST TO THE OWNER. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT (UNLESS OTHERWISE NOTED)
- 8. THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL AND TRASH FROM THE PROJECT AREA. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND IS NOT A SEPARATE PAY ITEM.
- 9. TRAFFIC CONTROL- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES DURING CONSTRUCTION AND SHALL PROVIDE ANY NECESSARY, BARRICADES, LIGHTING, SIGNS, AND FLAGMEN, FOR THE MOT TO PROVIDE SAFETY TO THE PUBLIC.
- 10. THE CONTRACTOR MAINTAIN A COPY OF ALL PERMITS AT THE JOB SITE AT ALL TIMES.
- 11. THE CONTRACTOR SHALL NOTIFY PROJECT MANAGER WITH ANY DISCREPANCIES ON THE DRAWINGS BEFORE COMMENCING WORK. FIELD CHANGES OR DEVIATIONS FROM THE DESIGN WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE OWNER. CONSIDERATION WILL NOT BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND PROJECT MANAGER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
- 12. ALL COPIES OF COMPACTION, CONCRETE, AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE PROJECT MANAGER DIRECTLY FROM THE TESTING AGENCY.
- 13. ALL NECESSARY INSPECTIONS AND/ OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/ OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO FINAL INSPECTION.



*****NOTE*****
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PLANS ARE BASED ON RECORDS
INFORMATION. NOT BASED ON
BOUNDARY SURVEY & FIELD EXPOSURES.

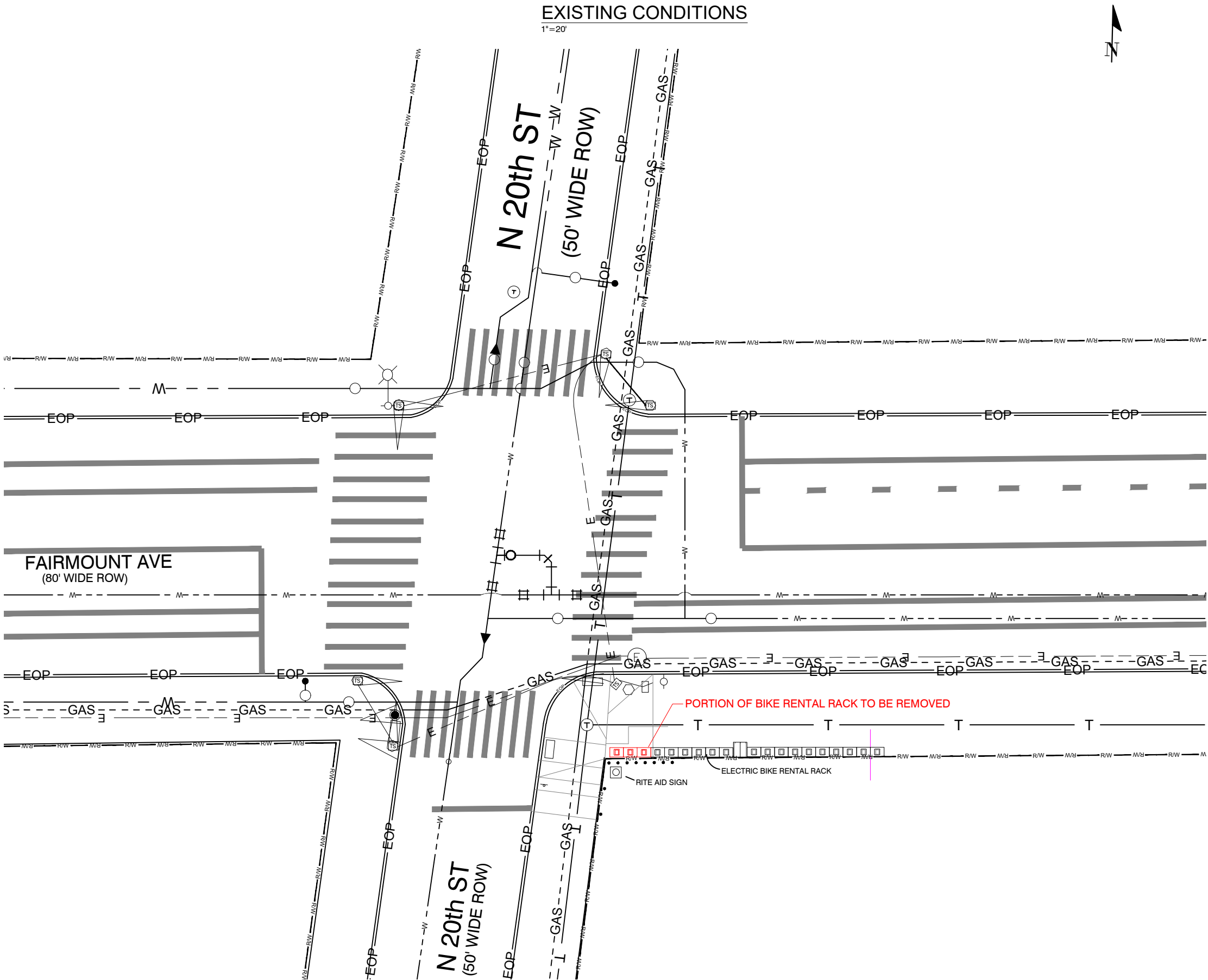
CAUTION!!!
CONTRACTOR TO LOCATE &
VERIFY ALL EXISTING UTILITIES
PRIOR TO CONSTRUCTION



This item has been electronically signed and sealed by Daniel Spradling PE using a Certified Digital Signature and Date. Printed Copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

REVISION DESCRIPTION	REV #	DATE	IKE SMART CITY - PHILADELPHIA PHL-001	
			GENERAL NOTES	
			DRAWN BY: RLB	C-1
			CHECKED BY:	
			DATE: 12/01/2023	

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- NOTES:
- CONTRACTOR SHALL BE RESONSIBLE FOR IDENTIFYING LOCATION OF ALL EXISTING UTILITIES BOTH SHOWN OR NOT SHOWN ON PLANS.
 - EXISTING CONDITIONS SHOWN ARE BASED ON THE EXISTING MAPS, RECORDS AND SITE VISIT. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE.
 - DESIGNER AND WITHOUT LIABILITY, MAY ADD OR OMIT EXISTING CONDITION INFORMATION.

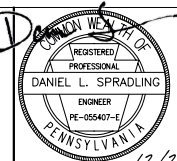
LEGEND			
	BUS STOP		SHRUBBERY
DOC	DEPTH OF COVER		SIGN
	ELECTRICAL MANHOLE		SIGNAL CONTROLLER
	ELECTRICAL BOX		STREET LIGHT ASSEMBLY
	FIRE HYDRANT		STORM DRAIN CATCH BASIN
	FOREIGN MARKERS		STORM DRAIN CULVERT
	GAS METER		STORM DRAIN MANHOLE
	GAS VALVE		TELEPHONE VAULT
	JUNCTION BOX		TELEPHONE MANHOLE
MB	MAIL BOX		TRAFFIC FLOW
	PAD MOUNTED TRANSFORMER		TRAFFIC SIGNAL POLE
	PROPOSED HANDHOLE		TREE
	R/R CROSSING GATE		WATER METER
	UTILITY POLE		WATER VALVE
	UTILITY POLE ANCHOR		YARD LIGHT
	SAN. SEWER MANHOLE		

LINETYPES		
	BOC	BACK OF CURB
	CENTERLINE	CENTERLINE
	EOP	EDGE OF PAVEMENT
	FENCE LINE	FENCE LINE
	GUARD RAIL	GUARD RAIL
	P/L	PROPERTY LINE
	R/W	RIGHT OF WAY
	RAILROAD	RAILROAD
	LEASED CONDUIT	LEASED CONDUIT
	EDGE OF WATER	EDGE OF WATER
	PROPOSED CONDUIT	PROPOSED CONDUIT
	OHE	OVERHEAD ELECTRIC
	E	ELECTRIC
	GAS	GAS
	CATV	CABLE TV
	SAN	SANITARY SEWER
	SD	STORM SEWER
	T	TELECOM
	W	WATER
	TS	TRAFFIC SIGNAL



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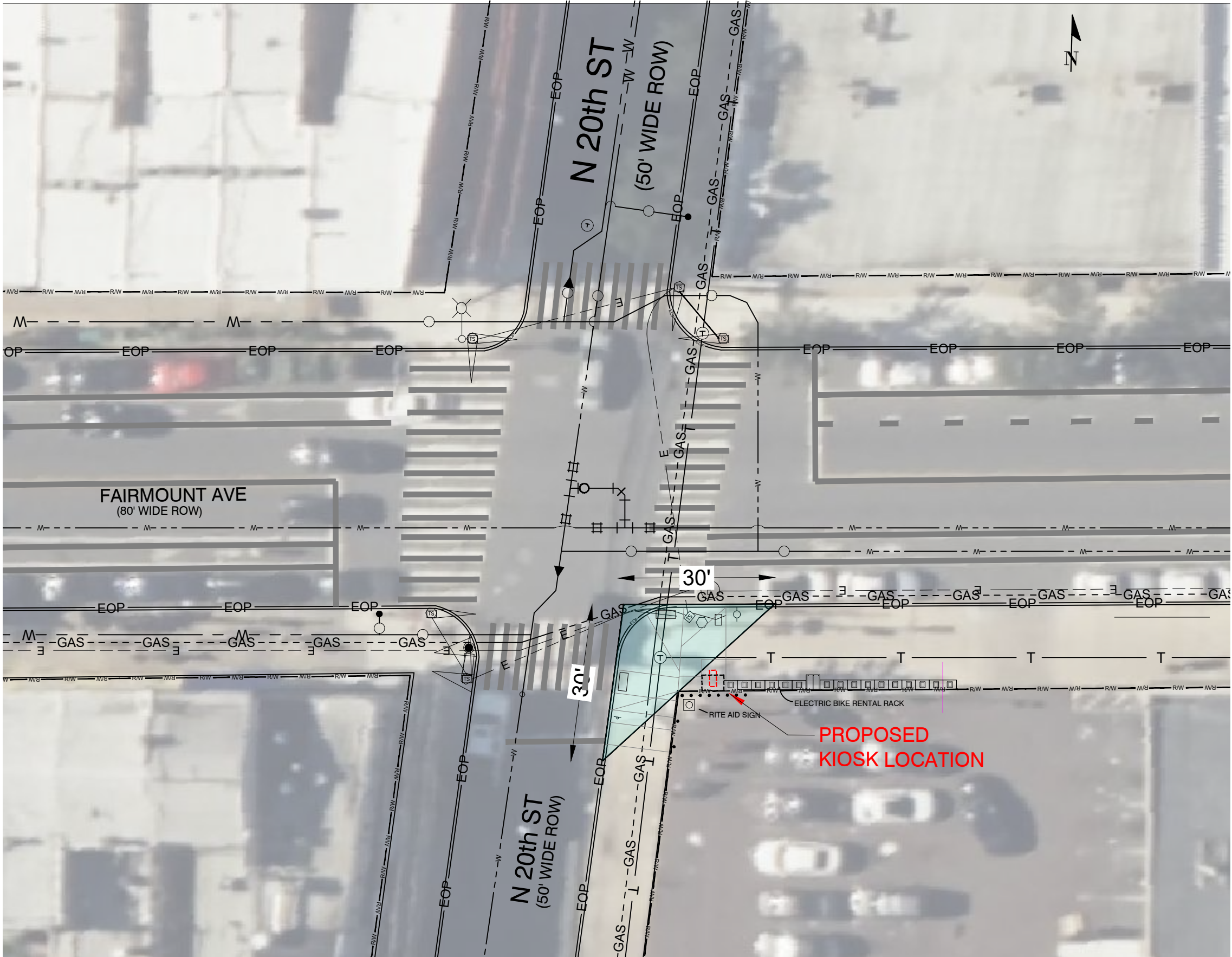


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REVISION DESCRIPTION	REV #	DATE	IKE SMART CITY - PHILADELPHIA PHL-001	
			SITE PLAN	
			DRAWN BY: DECC	C-2
			CHECKED BY:	
			DATE: 12/26/23	

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INTERSECTION VISIBILITY



LEGEND

- | | | | |
|--|-------------------------|--|-------------------------|
| | BUS STOP | | SHRUBBERY |
| | 48" DOC | | SIGN |
| | ELECTRICAL MANHOLE | | SIGNAL CONTROLLER |
| | ELECTRICAL BOX | | STREET LIGHT ASSEMBLY |
| | FIRE HYDRANT | | STORM DRAIN CATCH BASIN |
| | FOREIGN MARKERS | | STORM DRAIN CULVERT |
| | GAS METER | | STORM DRAIN MANHOLE |
| | GAS VALVE | | TELEPHONE VAULT |
| | JUNCTION BOX | | TELEPHONE MANHOLE |
| | MAIL BOX | | TRAFFIC FLOW |
| | PAD MOUNTED TRANSFORMER | | TRAFFIC SIGNAL POLE |
| | PROPOSED HANDHOLE | | TREE |
| | R/R CROSSING GATE | | WATER METER |
| | UTILITY POLE | | WATER VALVE |
| | UTILITY POLE ANCHOR | | YARD LIGHT |
| | SAN. SEWER MANHOLE | | |

LINETYPES

- | | | | |
|--|------------------|--|-------------------|
| | BACK OF CURB | | PROPOSED CONDUIT |
| | CENTERLINE | | OVERHEAD ELECTRIC |
| | EDGE OF PAVEMENT | | ELECTRIC |
| | FENCE LINE | | GAS |
| | GUARD RAIL | | CABLE TV |
| | PROPERTY LINE | | SANITARY SEWER |
| | RIGHT OF WAY | | STORM SEWER |
| | RAILROAD | | TELECOM |
| | LEASED CONDUIT | | WATER |
| | EDGE OF WATER | | TRAFFIC SIGNAL |

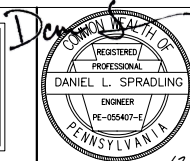
SCALE: 1"=20'

DANELLA



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IKE SMART CITY - PHILADELPHIA
PHL-001

INTERSECTION VISIBILITY

DRAWN BY: DECC

CHECKED BY:

DATE: 12/26/2023

C-3

NOTES:

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3. AT THE DISCRETION OF THE DESIGNER AND WITHOUT LIABILITY, MAY ADD OR OMIT EXISTING CONDITION INFORMATION.

LEGEND

	BUS STOP		SHRUBBERY
48" DOC	DEPTH OF COVER		SIGN
	ELECTRICAL MANHOLE		SIGNAL CONTROLLER
	ELECTRICAL BOX		STREET LIGHT ASSEMBLY
	FIRE HYDRANT		STORM DRAIN CATCH BASIN
	FOREIGN MARKERS		STORM DRAIN CULVERT
	GAS METER		STORM DRAIN MANHOLE
	GAS VALVE		TELEPHONE VAULT
	JUNCTION BOX		TELEPHONE MANHOLE
	MAIL BOX		TRAFFIC FLOW
	PAD MOUNTED TRANSFORMER		TRAFFIC SIGNAL POLE
	PROPOSED HANDHOLE		TREE
	R/R CROSSING GATE		WATER METER
	UTILITY POLE		WATER VALVE
	UTILITY POLE ANCHOR		YARD LIGHT
	SAN. SEWER MANHOLE		

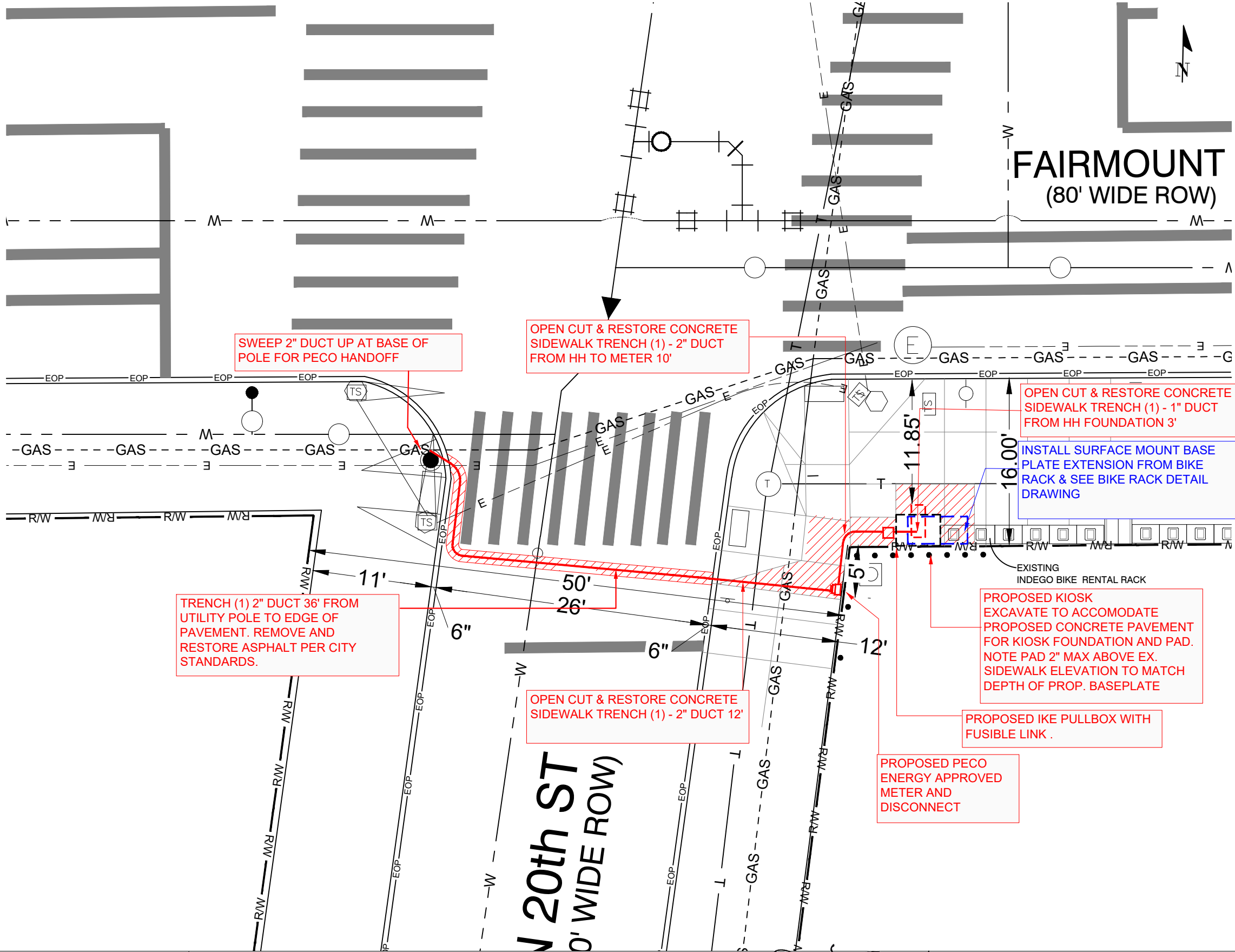
LINETYPES

	BOC	BACK OF CURB		PROPOSED CONDUIT
	CENTERLINE	CENTERLINE		OHE
	EOP	EDGE OF PAVEMENT		E
	FENCE LINE	FENCE LINE		GAS
	GUARD RAIL	GUARD RAIL		CATV
	P/L	PROPERTY LINE		SAN
	RW	RIGHT OF WAY		SD
	RAILROAD	RAILROAD		TELECOM
	LEASED CONDUIT	LEASED CONDUIT		W
	EDGE OF WATER	EDGE OF WATER		TS

SCALE: 1"=10'

SITE PLAN

1"=10'



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REVISION DESCRIPTION	REV #	DATE

ike smart city - philadelphia
PHL-001

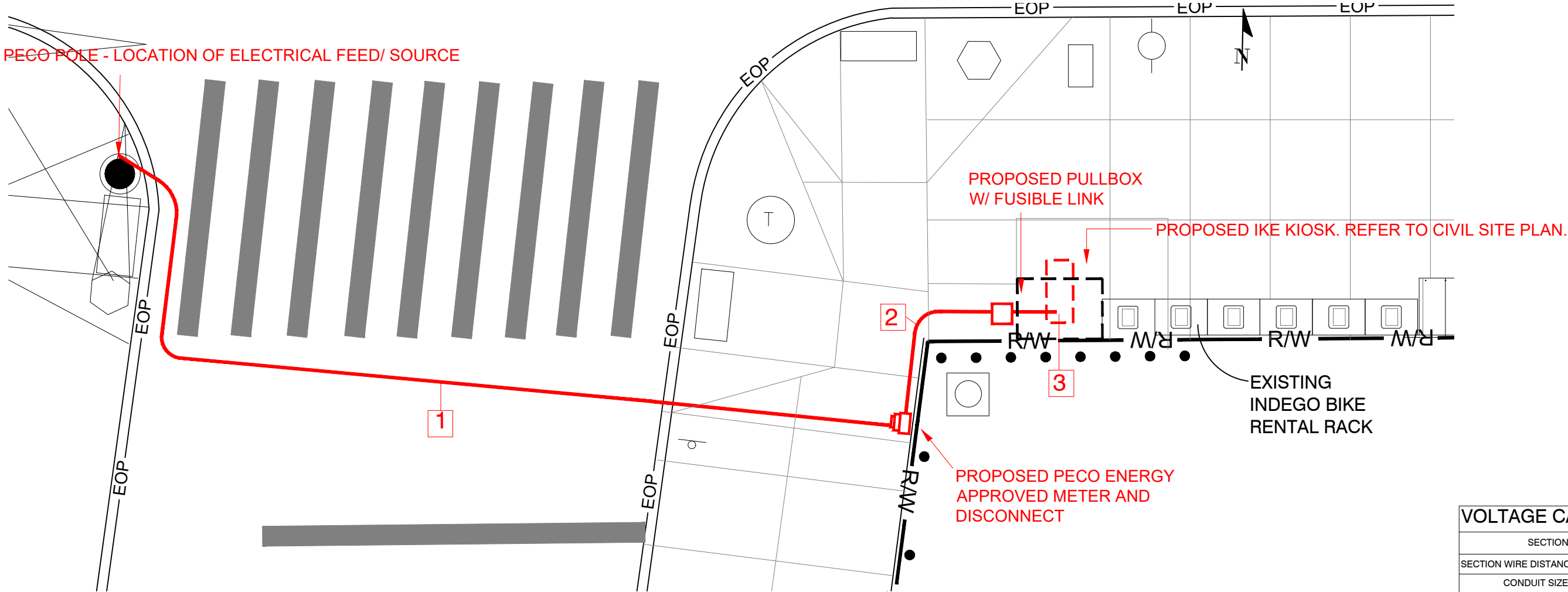
SITE PLAN

DRAWN BY: RLB	C-4
CHECKED BY:	
DATE: 12/27/2023	

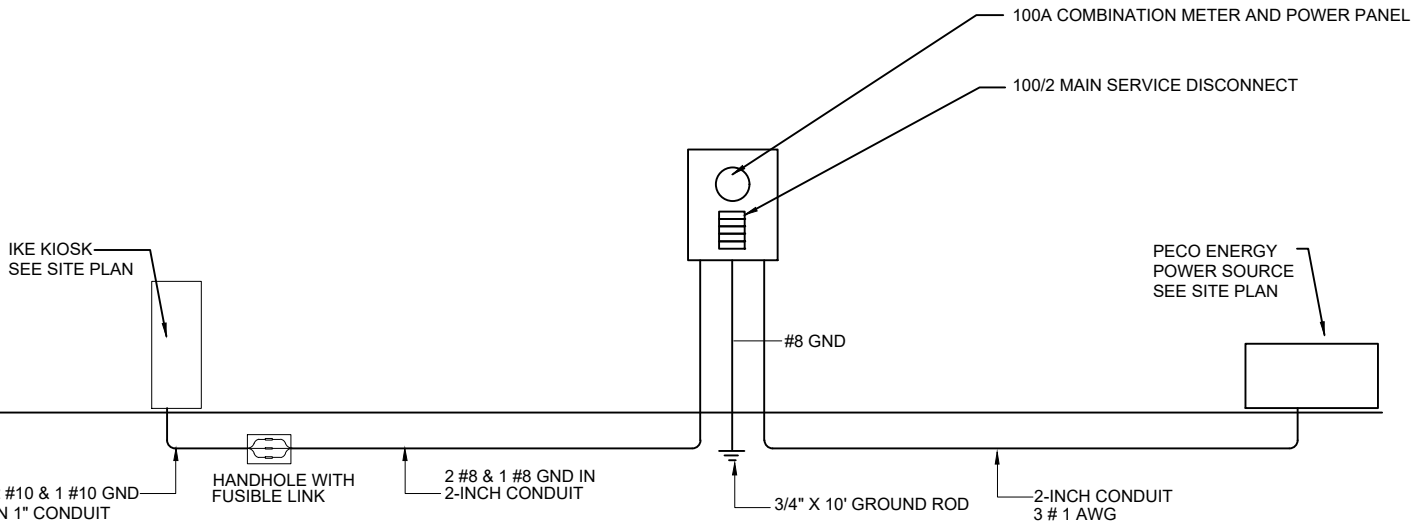
_____ TS _____ TRAFFIC SIGNAL

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ELECTRICAL SITE PLAN SCALE: 1"=10'



VOLTAGE CALCULATIONS			
SECTION	1	2	3
SECTION WIRE DISTANCE	73'	15'	7'
CONDUIT SIZE	2" DUCT	2" DUCT	1" DUCT
WIRE SIZE	#1 AWG	#8 AWG	#10 AWG
VOLTAGE DROP CALC.	2.34V	0.73V	0.54V



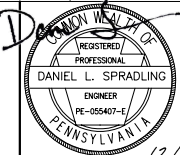
ELECTRICAL RISER DIAGRAM TYPICAL
120/240V 1-PHASE 3-WIRE

LOAD (KVA)										LOAD (KVA)					
Load Type	MISC.	HVAC	LTS.	REC.	Brkr. Size		A	B		Brkr. Size	REC.	LTS.	HVAC	MISC.	LOAD TYPE
LCD Panel	2.2	-	-	-	30/1	1			2	100/2	-	-		-	Service Main
-	-	-	-	-	-	3			4	-	-	-	-	-	Disconnect
-	-	-	-	-	-	5			6	-	-	-	-	-	-
-	-	-	-	-	-	7			8	-	-	-	-	-	-
-	-	-	-	-	-	9			10	-	-	-	-	-	-
Totals	2.2	0.0	0.0	0.0							0.0	0.0	0.0	0.0	Totals
Panel:	PHL-001		LOADS										S/N Bar		
Voltage:	120/240			CONNECTED		Demand Factor		Demand Total		X			GROUND BAR		
Phase:	1		LTS.		0.0		125%		0.0		Pedestal		Mounting Type		
Wire:	3		REC.		0.0		***		0		22,000		MIN AIC		
Mains:	100A		MISC.		2.2		100%		2.2				Series Rated*****		
Main Breaker:	100A		HVAC		0.0		****		0.0		X		NEW		
			TOTAL (KVA)		2.2				2.2				EXISTING		
			TOTAL (AMPS)		18.3				18.3						



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12/28/2023

REVISION DESCRIPTION

REV #

DATE

IKE SMART CITY - PHILADELPHIA
PHL-001

ELECTRICAL SITE PLAN

DRAWN BY: RLB

CHECKED BY:

DATE: 12/27/2023

E-1

ISSUED FOR	CONSTRUCTION
DATE	3/4/18/2022

DRAWN BY:

MF

PROJECT NUMBER:

2022-03-015

SHEET NUMBER:

S101

GENERAL STRUCTURAL NOTES

- All work shall be performed in accordance with the contract documents. In case of a conflict within the contract documents, the more stringent condition shall govern, unless directed otherwise by the engineer of record. Prior to implementation, any discrepancies shall be reported to the architect for clarification.
- In the event that certain details of construction are not indicated or noted in the drawings, details for similar conditions that are indicated or noted shall be utilized, subject to the structural engineer's approval.
- Openings and penetrations through structural elements, and items embedded in structural elements that are not indicated in the structural drawings shall be reviewed by the structural engineer prior to fabrication, erection and/or construction.
- The structure has been designed for the in-service loads only. The methods, procedures and sequences of construction are the responsibility of the contractor. Contractor shall take all necessary precautions to maintain and ensure the integrity of the structure at all stages of construction. Contractor shall immediately notify the structural engineer of any condition which, in his opinion, might endanger the stability of the structure or cause distress in the structure.
- All existing conditions and all related dimensions indicated in the contract documents shall be field verified prior to fabrication, erection and/or construction. Any condition that differs from that indicated in the contract documents shall be submitted to the architect for review prior to fabrication, erection and/or construction.
- The structure has been designed to meet or exceed serviceability requirements of section 1604.3 of the International Building Code. All non-structural components & their connections that are anchored to the structure shall be designed to allow for the movement of the structure caused by wind, snow, live, thermal, shrinkage/creep and earthquake loads. Non-structural components include items such as non-load bearing walls, MEP components, bulkheads, etc.
- Provide special inspection in accordance with chapter 17 of the International Building Code and with project specifications.
- Unless noted otherwise, all loads specified in these documents are nominal loads and are to be entered into the appropriate strength or allowable stress design load combinations with appropriate factors, as defined by ASCE 7, by the building component engineer in the design of their product. Gravity load shear beam reactions on plan for steel framing represent the combined service load effect from allowable stress design load combinations.

GENERAL FOUNDATION AND CONCRETE NOTES

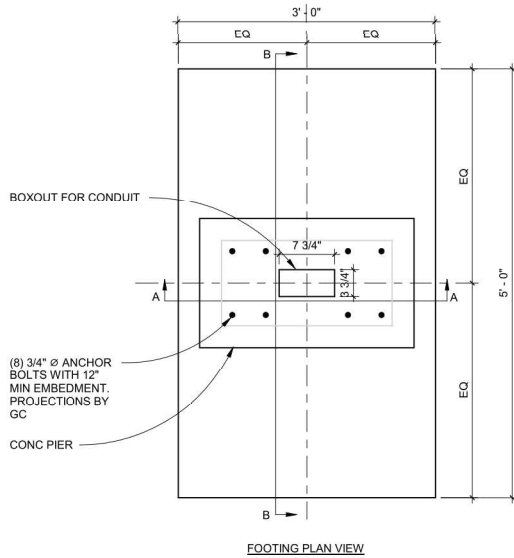
- A registered geotechnical engineer shall be retained to confirm that the soils at the site are capable of the design soil bearing pressure. This will require a report by the geotechnical engineer. (Quantity, depth, and location of soil borings shall be at the discretion of the geotechnical engineer). The contractor shall implement all requirements and recommendations stated in this report.
- It is strongly recommended that the geotechnical engineer of record that produces the report be retained to provide the soils testing and inspections during construction.
- Fill material shall be thoroughly compacted prior to placement of concrete. Fill under all slabs on grade shall be as recommended in the geotechnical report. If there is no geotechnical report, a minimum of 6" of well draining granular material shall be placed under all slabs on grade (UNO elsewhere in the construction documents).
- Coordinate finish of all foundation work, including slabs on grade, with architectural and flooring supplier's requirements.
- Cover for reinforcing shall be in accordance with ACI-318.
- All exposed edges of concrete piers, beams, and walls shall be chamfered 3/4" x 45 degrees. UNO.
- Coordinate placement of KIOSK anchor rods with foundation reinforcing. All column anchor rods shall be installed using templates and setting drawings. No tilted or misplaced bolts will be accepted. Notify Architect/Engineer for approval of any corrective action. Tolerances for the installation of the anchor bolts shall be in accordance with AISC "Code of Standard Practice" guidelines.
- Anchors for embedded plates shall be as shown on the drawings. Headed studs shall conform to ASTM A108 and AWS D1.1 Grade B. Reinforcing bars to be welded to plates shall be ASTM A615 Grade 40 or ASTM A706 Grade 60.
- Refer to "General Structural Notes" for information regarding special inspections and installation of post installed anchors.

CONCRETE NOTES

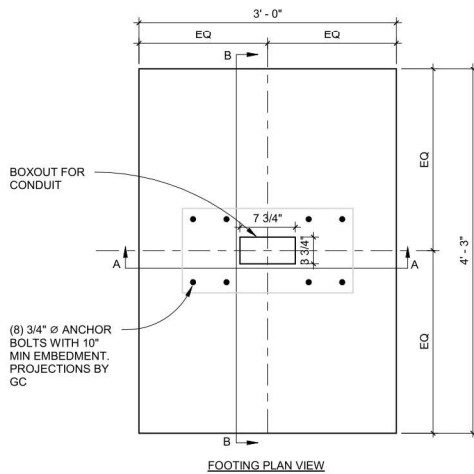
- All concrete shall be done in accordance with ACI 117, 211, 301, 302, 315, 347 and 318 requirements, and as stated on contract documents.
- Coordinate finish of exposed concrete with Architect.
- Testing of concrete shall be provided for each KIOSK foundation and pier installed, and shall include but is not limited to slump, air content concrete temperature, unit weight, and compressive strength. All testing shall follow ASTM standards.
- Admixtures shall contain no more than 0.1 percent water-soluble chloride ions by mass of cementitious material. Do not use admixtures containing calcium chloride.
 - Water-Reducing Admixture: ASTM C494, Type A
 - High-Range, Water-Reducing Admixture: ASTM C494, Type F
 - Water-Reducing and Accelerating Admixture: ASTM C494, Type E
 - Water-Reducing and Retarding Admixture: ASTM C494, Type D
 - Air-Entraining Admixture: ASTM C260
- Repair and patch defective areas as directed by Architect.

ENGINEERING DATA

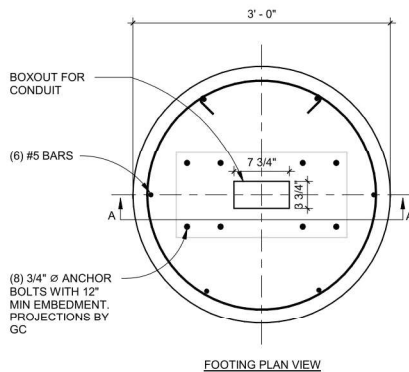
Design soil bearing pressure	100C psf (assumed)
Design stresses	
Concrete	
Footings and Foundations	$f_c = 3500$ psi
Grade slabs	$f_c = 3500$ psi
Reinforcing steel	$F_y = 60000$ psi
Structural design requirements	
Risk Category	I
Wind Load	
Ultimate design wind speed (3 sec)	120 mph
Wind exposure category	C
Signage pressure coeff (GCF)	1.35
Components & cladding (varies)	
Signage design pressure	27 psf
Seismin Design Category	A or B (assumed)
Specific Design Loads	
Kiosk dead load	800 lb
Design codes	
General building code	IBC 2015
Concrete	ACI 318



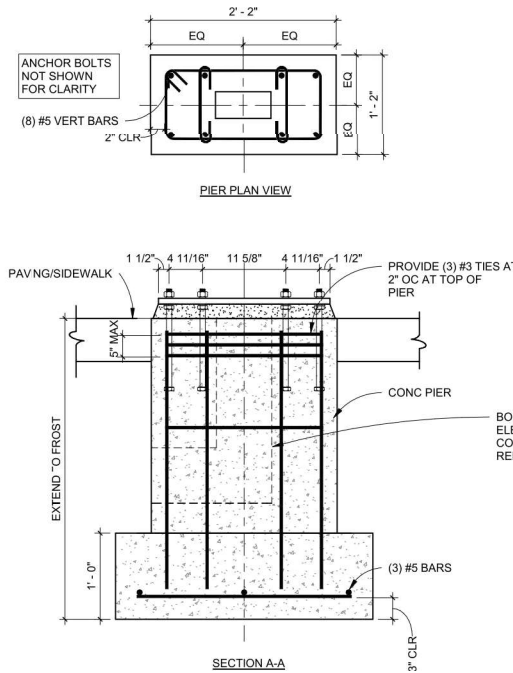
1
S101
OPTION 1 SPREAD FOOTING
WITH PIER
SCALE: 1" = 1'-0"



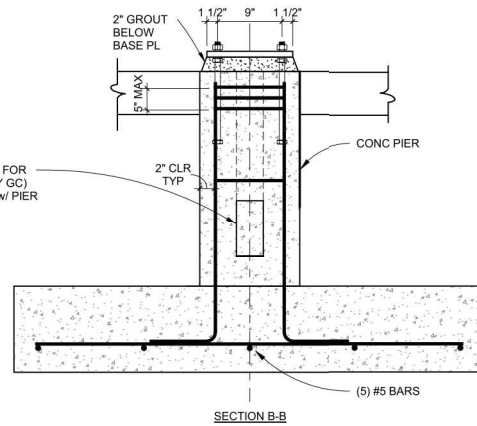
2
S101
OPTION 2 SHALLOW
SPREAD FOOTING
SCALE: 1" = 1'-0"



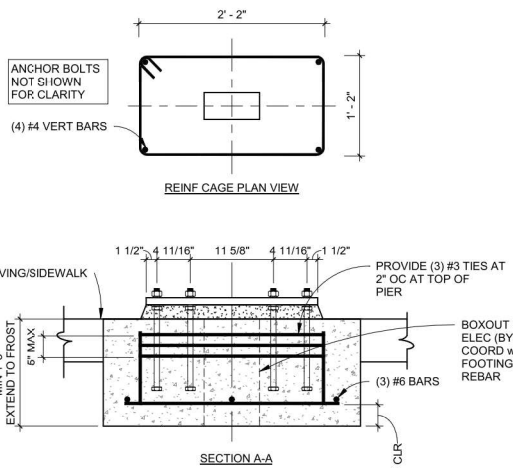
3
S101
OPTION 3 SONOTUBE
SCALE: 1" = 1'-0"



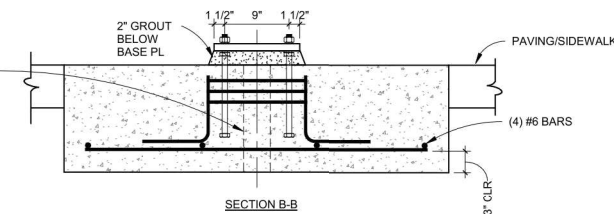
SECTION A-A



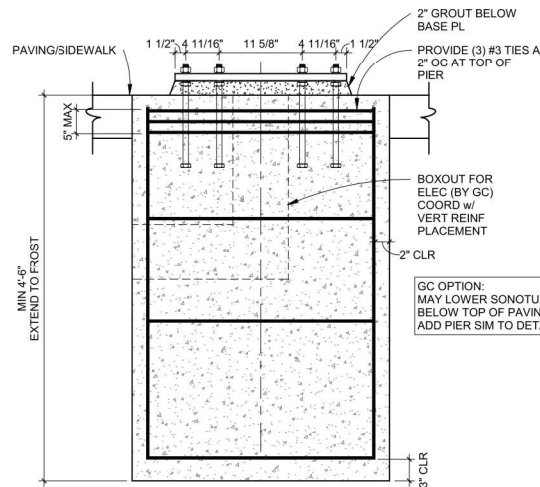
SECTION B-B



SECTION A-A



SECTION B-B



SECTION A-A



This item has been electronically signed and sealed by Daniel L. Spradling, PE, using a Certified Digital Signature and Seal. Printed Copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

12/28/2023

2023-12-27 C:\USERS\HOWICK\DRIVE - DANELLA COMPANIES, INC\PHILADELPHIA IKE SMART CITY\PHL-001\CAD FILE\PHL-001_PA_2.DWG DHOWICK

KIOSK DETAILS

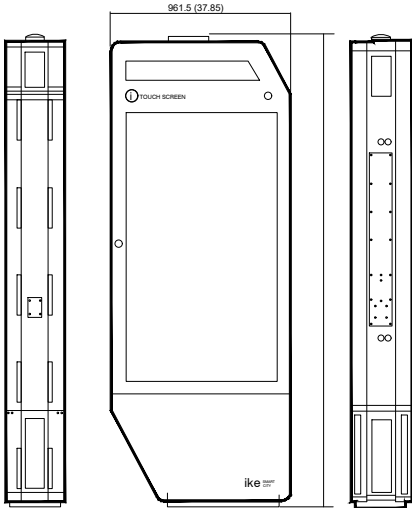
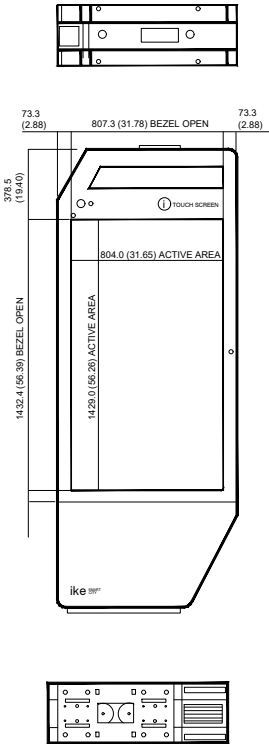
N.T.S

SPECIFICATION

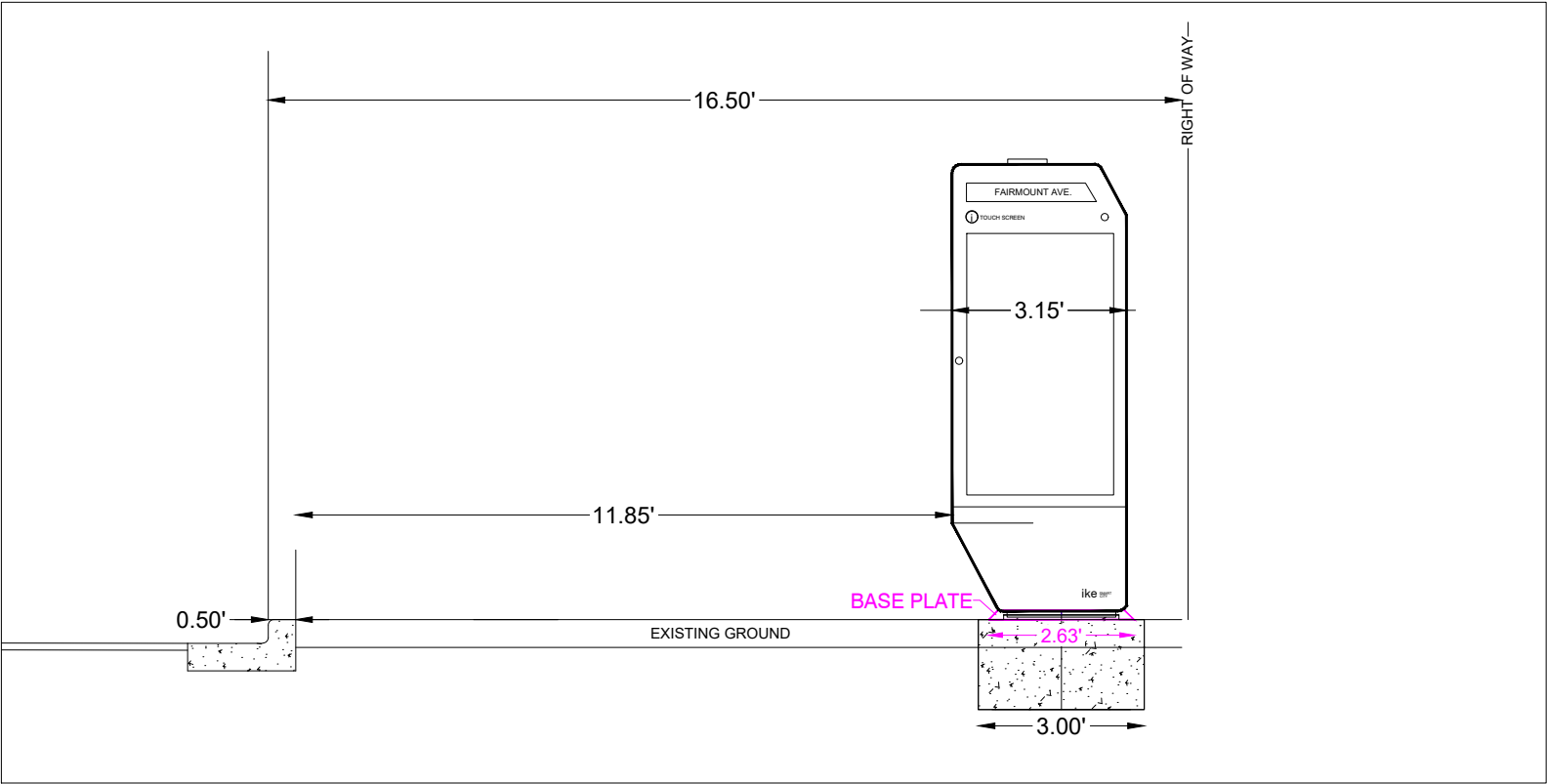
DIMENSIONS

UNITS = MM (INCHES)

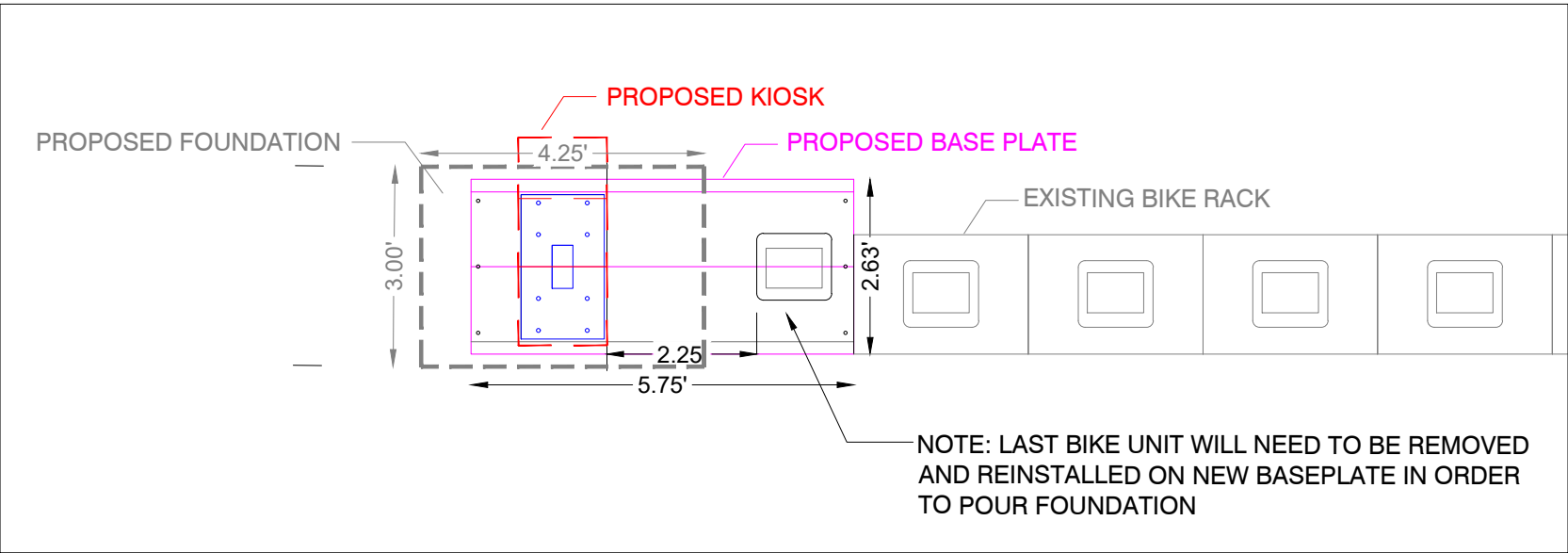
MODEL	CIO651DR5
LCD PANEL SIZE	65 INCHES LCD (X2)
NATIVE RESOLUTION	1920 X 1080
BACKLIGHT	LED
DEFAULT COLOR TEMPERATURE	D65 (6500K)
BRIGHTNESS (W/O GLASS)	4,000 NITS
COLOR DEPTH	10 BITS
CONTRAST RATIO	4000:1
RESPONSE TIME (TYP.)	8MS
VIEWING ANGLE	178DEG/ 178 DEG
LIGHT LIFETIME (TYP.)	100,000 HRS
BLACKENING DEFECT FREE	UP TO 110 DEG C (230 DEG F)
POLARIZED SUNGLASSES SUPPORT	YES
PANEL SURFACE	AG HAZE 3% 2H
POWER SUPPLY	INTERNAL
RATED VOLTAGE	100-240V-50/60HZ
POWER ON MODE (TYP./MAX)	1400 W/ 2200W
BEZEL WIDTH (B/L/R)	68.3 / 73.3 / 73.3 MM
POWDER COATING MATERIAL	ASTM B117
MONITOR DIMENSION (L X H X D)	2515.3 X 961.5 X 317.4 MM
MONITOR WEIGHT	820 LBS
OPTION WEIGHT	832 LBS
TOUCH SCREEN	PCAP
ORIENTATION	PORTRAIT
KEY LOCK	YES
AIRE VENT	TOP & BOTTOM
GLASS	8MM LAMINATED TEMPERED GLASS
LANGAUGE	ENGLISH
SUPPORT SNMP (UP TO V3.0)	YES
DIMMING CONTROL	YES
IMAGE RETENTION PROTECTION	YES
AMBIENT LIGHT SENSOR	YES
POWER ON/OFF SCHEDULING	YES
INTERNAL TEMPERATURE SENSOR	YES
HDMI	X6(2180P)
DISPLAY PORT	X2
USB 3.0	X2
MICRO SD SLOT	X2
AUDIO	X2
RS-232	IN X2
RJ-45	X 4 (LAN)
OPERATING TEMPERATURE	-20 DEG F - 120 DEG F (-30 C-50 DEG C)
STORAGE TEMPERATURE	-4F - 140 DEG F (-20 DEC C - 60 DEG C)
HUMIDITY	5%-95% RH NON-CONDENSING
NOISE LEVELS	65 db AT A HEIGHT OF 60 INCHES AND DISTANCE OF 24 INCHES
CE / FCC / RoHS	



KIOSK CROSS SECTION WITH BASE PLATE

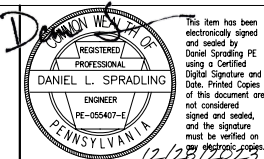


BIKE RACK BASE PLATE EXTENSION DETAIL



*****NOTE*****
UTILITY & R.O.W. REPRESENTED ON
PLANS ARE BASED ON RECORDS
INFORMATION. NOT BASED ON
BOUNDARY SURVEY & FIELD EXPOSURES.

CAUTION!!!
CONTRACTOR TO LOCATE &
VERIFY ALL EXISTING UTILITIES
PRIOR TO CONSTRUCTION



REVISION DESCRIPTION

REV #

DATE

IKE SMART CITY - PHILADELPHIA PHL-001	
KIOSK DETAILS	
DRAWN BY: RLB	S-2
CHECKED BY:	
DATE: 12/27/2023	





CHESTNUT ST

TOUCH SCREEN

EMERGENCY

Indego,
your personal taxi!



Independence

Indego

ike



From: [Waffiyah Murray](#)
To: [Nate BowmanJohnston](#)
Subject: Fwd: Updated IKE Plan Set and Renderings
Date: Tuesday, January 23, 2024 6:16:46 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

Approval from Streets

Waffiyah

From: Stephen Lorenz <Stephen.Lorenz@phila.gov>
Sent: Tuesday, January 23, 2024 6:14 AM
To: Waffiyah Murray <Waffiyah.Murray@Phila.gov>; Vadim Fleysh <Vadim.Fleysh@phila.gov>; Neil Garry <Neil.Garry@Phila.gov>; Kisha Duckett <Kisha.Duckett@phila.gov>; Kristin Del Rossi <Kristin.Del.Rossi@phila.gov>; Mark Washington <Mark.Washington@phila.gov>; Ryan Sen <Ryan.Sen@phila.gov>; StreetsROW PlanReview <StreetsROW.PlanReview@Phila.gov>
Cc: Christopher Puchalsky <Christopher.Puchalsky@Phila.gov>; Jeanien Wilson <Jeanien.Wilson@phila.gov>; Hunter Conforti <Hunter.Conforti@Phila.gov>; Michelle Brisbon <Michelle.Brisbon@phila.gov>
Subject: RE: Updated IKE Plan Set and Renderings

Good morning,

Please use this email as the Streets Dept conceptional approval of the IKE. There are design and construction details that still need to be addressed but that should not hold up the process.

Steve Lorenz
Chief Highway Engineer

From: Waffiyah Murray <Waffiyah.Murray@Phila.gov>
Sent: Tuesday, January 16, 2024 4:09 PM
To: Vadim Fleysh <Vadim.Fleysh@phila.gov>; Neil Garry <Neil.Garry@Phila.gov>; Stephen Lorenz <Stephen.Lorenz@phila.gov>; Kisha Duckett <Kisha.Duckett@phila.gov>; Kristin Del Rossi <Kristin.Del.Rossi@phila.gov>; Mark Washington <Mark.Washington@phila.gov>; Ryan Sen <Ryan.Sen@phila.gov>; StreetsROW PlanReview <StreetsROW.PlanReview@Phila.gov>
Cc: Christopher Puchalsky <Christopher.Puchalsky@Phila.gov>; Jeanien Wilson <Jeanien.Wilson@phila.gov>; Hunter Conforti <Hunter.Conforti@Phila.gov>; Michelle Brisbon <Michelle.Brisbon@phila.gov>
Subject: RE: Updated IKE Plan Set and Renderings

Thanks Vadim, BTS is still gathering those additional documents requested, and I'll share them as soon as they're ready.

[@Stephen Lorenz](#) – can you provide "conceptual approval" for the IKE kiosk?

Waffiyyah

Waffiyyah Murray

Pronouns: she/her/hers

Indego Program Manager

Office of Transportation, Infrastructure, and Sustainability | City of Philadelphia

O 1401 JFK Boulevard, Suite 1430 | Philadelphia, PA 19102 | USA

T (215) 686-9000 | **E** waffiyyah.murray@phila.gov



www.phila.gov/otis

From: Vadim Fleysh <Vadim.Fleysh@phila.gov>

Sent: Tuesday, January 16, 2024 3:00 PM

To: Waffiyyah Murray <Waffiyyah.Murray@Phila.gov>; Neil Garry <Neil.Garry@Phila.gov>; Stephen Lorenz <Stephen.Lorenz@phila.gov>; Kisha Duckett <Kisha.Duckett@phila.gov>; Kristin Del Rossi <Kristin.Del.Rossi@phila.gov>; Mark Washington <Mark.Washington@phila.gov>; Ryan Sen <Ryan.Sen@phila.gov>; StreetsROW PlanReview <StreetsROW.PlanReview@Phila.gov>

Cc: Christopher Puchalsky <Christopher.Puchalsky@Phila.gov>; Jeanien Wilson <Jeanien.Wilson@phila.gov>; Hunter Conforti <Hunter.Conforti@Phila.gov>; Michelle Brisbon <Michelle.Brisbon@phila.gov>

Subject: RE: Updated IKE Plan Set and Renderings

Hi Waffiyyah, I understand that Design Unit has provided comments.

Vadim Fleysh, P.E.

Chief Engineer

Philadelphia Streets Department

Surveys, Design and Construction

1401 JFK Boulevard, Room 830 MSB

215-686-5537

267-265-4822 (c)

From: Waffiyyah Murray <Waffiyyah.Murray@Phila.gov>

Sent: Tuesday, January 16, 2024 11:29 AM

To: Neil Garry <Neil.Garry@Phila.gov>; Stephen Lorenz <Stephen.Lorenz@phila.gov>; Kisha Duckett <Kisha.Duckett@phila.gov>; Vadim Fleysh <Vadim.Fleysh@phila.gov>; Kristin Del Rossi <Kristin.Del.Rossi@phila.gov>; Mark Washington <Mark.Washington@phila.gov>; Ryan Sen <Ryan.Sen@phila.gov>; StreetsROW PlanReview <StreetsROW.PlanReview@Phila.gov>

Cc: Christopher Puchalsky <Christopher.Puchalsky@Phila.gov>; Jeanien Wilson <Jeanien.Wilson@phila.gov>; Hunter Conforti <Hunter.Conforti@Phila.gov>; Michelle Brisbon <Michelle.Brisbon@phila.gov>

Subject: RE: Updated IKE Plan Set and Renderings

Hi Everyone,

Following back up on this. Is the current design of the IKE Kiosk approved for the Indego team to move forward with?

Thank you,
Waffiyyah

Waffiyyah Murray

Pronouns: she/her/hers

Indego Program Manager

Office of Transportation, Infrastructure, and Sustainability | City of Philadelphia

O 1401 JFK Boulevard, Suite 1430 | Philadelphia, PA 19102 | USA

T (215) 686-9000 | **E** waffiyyah.murray@phila.gov



www.phila.gov/otis

From: Neil Garry <Neil.Garry@Phila.gov>


Sent: Monday, January 8, 2024 6:20 PM

To: Stephen Lorenz <Stephen.Lorenz@phila.gov>; Neil Garry <Neil.Garry@Phila.gov>; Waffiyyah Murray <Waffiyyah.Murray@Phila.gov>; Kisha Duckett <Kisha.Duckett@phila.gov>; Vadim Fleysh <Vadim.Fleysh@phila.gov>; Kristin Del Rossi <Kristin.Del.Rossi@phila.gov>; Mark Washington <Mark.Washington@phila.gov>; Ryan Sen <Ryan.Sen@phila.gov>; StreetsROW PlanReview <StreetsROW.PlanReview@Phila.gov>

Cc: Christopher Puchalsky <Christopher.Puchalsky@Phila.gov>; Jeanien Wilson <Jeanien.Wilson@phila.gov>; Hunter Conforti <Hunter.Conforti@Phila.gov>; Michelle Brisbon <Michelle.Brisbon@phila.gov>

Subject: RE: Updated IKE Plan Set and Renderings

All—

Putting this at the top of your inbox. I think Indego handed out hard copies of all off these attachments at during the demo today. We are compiling comments here:  [IKE Kiosk Review.xlsx](#).

Best,
-Neil

From: Neil Garry

Sent: Friday, January 5, 2024 12:14 PM


To: Stephen Lorenz <Stephen.Lorenz@phila.gov>; Neil Garry <Neil.Garry@Phila.gov>; Waffiyyah Murray <Waffiyyah.Murray@Phila.gov>; Kisha Duckett <Kisha.Duckett@phila.gov>; Vadim Fleysh <Vadim.Fleysh@phila.gov>; Kristin Del Rossi <Kristin.Del.Rossi@phila.gov>; Mark Washington

<Mark.Washington@phila.gov>; Ryan Sen <Ryan.Sen@phila.gov>; StreetsROW PlanReview
<StreetsROW.PlanReview@Phila.gov>

Cc: Christopher Puchalsky <Christopher.Puchalsky@Phila.gov>; Jeanien Wilson
<Jeanien.Wilson@phila.gov>; Hunter Conforti <Hunter.Conforti@Phila.gov>; Michelle Brisbon
<Michelle.Brisbon@phila.gov>

Subject: Updated IKE Plan Set and Renderings

All—

Attached are updated materials for reviewing the IKE kiosk. Here is the link to comments spreadsheet  [IKE Kiosk Review.xlsx](#). The demo of the kiosk is this coming Monday, January 8th from 3:30 PM to 5:00 PM at the Indego Warehouse: 2800 S 20th St Unit 6A 1st Floor, Philadelphia, PA 19145. I encourage everyone to come even if you can't make at 3:30pm on the dot.

Thanks!

-Neil

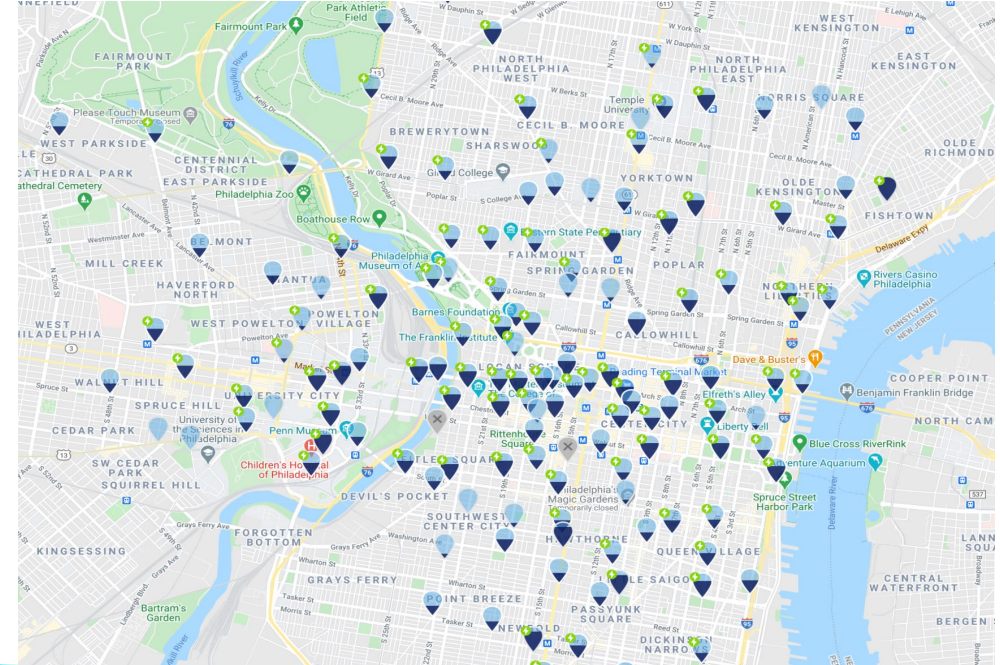


Art Commission Concept Presentation

OFFICE OF 
**TRANSPORTATION,
INFRASTRUCTURE
& SUSTAINABILITY**

Philly's Bikeshare:

- Owned by the City of Philadelphia
- Operated by Bicycle Transit Systems
- Launched in 2015
- 6.7M trips since launch
- 2,300 bikes & 245 stations
- 9th largest public transit system in PA



Indego is committed to:

- Increasing the fleet to 350 stations and 3,500 bikes
- Incorporating energy-saving dock technology
- Continuing to invest in equity and community engagement initiatives



Over 17% of our current passholders use their PA Access Card for a discount



Founding partner of the Better Bike Share Partnership.
Focused on making bike share accessible and equitable

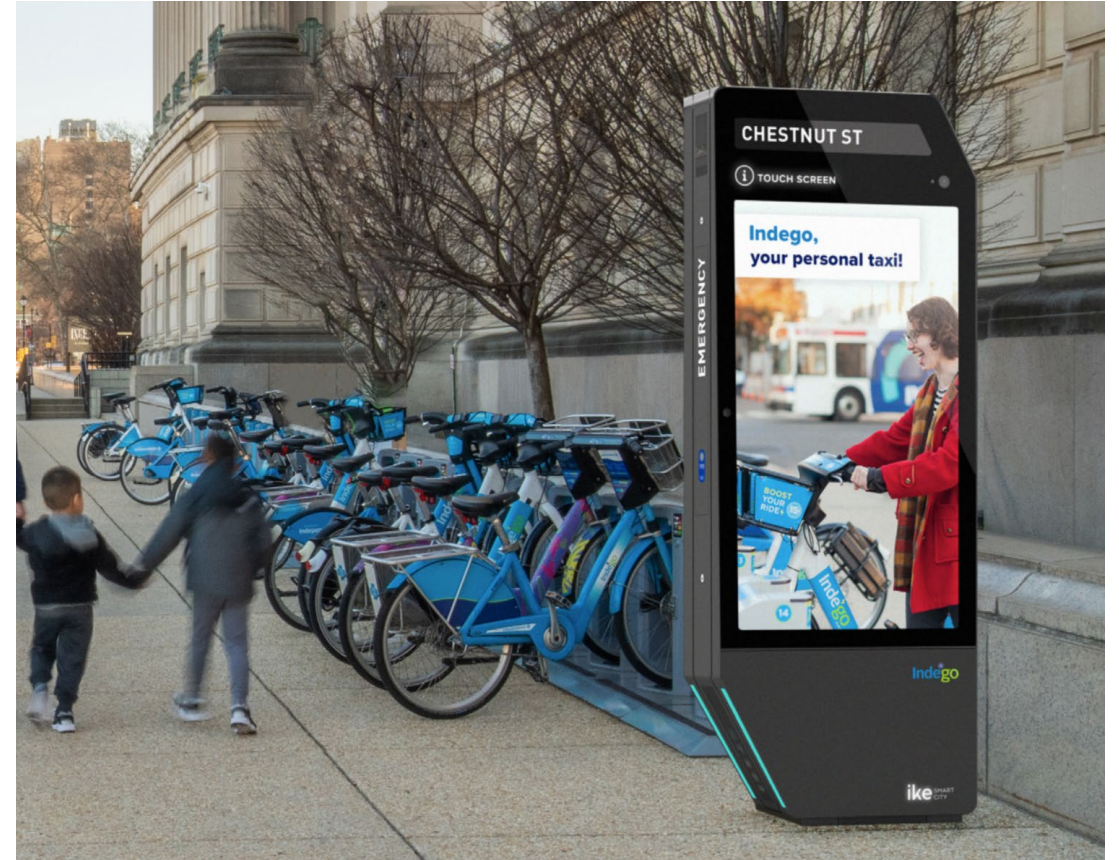


IKE Smart City

Bicycle Transit Systems has partnered with IKE Smart City to deploy IKE digital kiosks on Indego stations. The City believes this will provide:

- An enhanced user experience for Indego passholders
- Public service benefits like free WiFi, wayfinding, transit trip planning, security cameras, directory services, etc.
- Revenue to support Indego's operations and expansion

Initial pilot of 25 sites





Philadelphia Indego Bike Share -

Philadelphia Art Commission

FEBRUARY 14, 2024

This document contains confidential trade secrets.



OUR MISSION:

WE PIONEER SMART CITY TECHNOLOGY TO IMPROVE LIVES IN CITIES.

IKE Smart City was formed in 2015 by Orange Barrel Media (OBM). OBM is a leading national media company with a portfolio of unique displays in top urban markets across the U.S. Since its inception in 2004, OBM has grown its inventory with a commitment to public/ private partnerships that provide value to cities, property owners, and advertisers alike.

Through its work in cities across the country, OBM identified an opportunity to merge street furniture advertising with interactive wayfinding and information resources. The team behind OBM formed sister company, IKE Smart City, to fill this need. IKE Smart City focuses entirely on delivering innovative and equitable smart city technology solutions while maximizing DOOH ad revenues in the urban core of cities.

IKE launched in Denver as a wayfinding and city communication system for the digital age, an alternative to outdated and inefficient static maps as well as a world-class advertising platform. In addition to serving as a new amenity for the public, IKE quickly became an in-demand medium for advertisers seeking dynamic street-level opportunities in commercial districts.

IKE Smart City is known in the industry for its superior revenue delivery, exemplary design, and unmatched deployment expertise. We offer turnkey end-to-end programs that provide value to partners and the public through our ever-evolving media platform.

Our success has been sustained by building strong relationships with our city partners.



RALEIGH, NC
ARTIST: CLARENCE HEYWARD

MEET IKE SMART CITY

IKE Smart City is the only interactive kiosk company that employs a full-time team of in-house subject matter experts.

Our organizational structure was developed to ensure delivery of a best-in- class technology solution with end-to-end services that is difficult to achieve using outsourced contractors and resources.

The IKE team manages all aspects of the IKE program including:

- ▶ Project Management
 - ▶ Software Engineering
 - ▶ Design & Fabrication
 - ▶ Permitting
 - ▶ Construction & Installation
- ▶ Operations
 - ▶ Content Management
 - ▶ Media Sales
 - ▶ Art & Community Partnerships
 - ▶ Marketing

MEET IKE: THE SMART CITY HUB

IKE Smart City’s unique digital platform offers innovative technology that connects communities. IKE interactive digital kiosks deliver valuable smart city services, driving three fundamental objectives:



DISCOVERY



MOBILITY



REVENUE



NATIONWIDE LEADER

LIVE (17)

- ▶ Atlanta, GA
- ▶ Baltimore, MD
- ▶ Berkeley, CA
- ▶ Cincinnati, OH
- ▶ Cleveland, OH
- ▶ Columbus, OH
- ▶ Coral Gables, FL
- ▶ Denver, CO
- ▶ Detroit, MI
- ▶ Houston, TX
- ▶ Miami, FL
- ▶ Phoenix, AZ
- ▶ Raleigh, NC
- ▶ San Antonio, TX
- ▶ St. Louis, MO
- ▶ Tampa, FL
- ▶ Tempe, AZ

AWARDED (5)

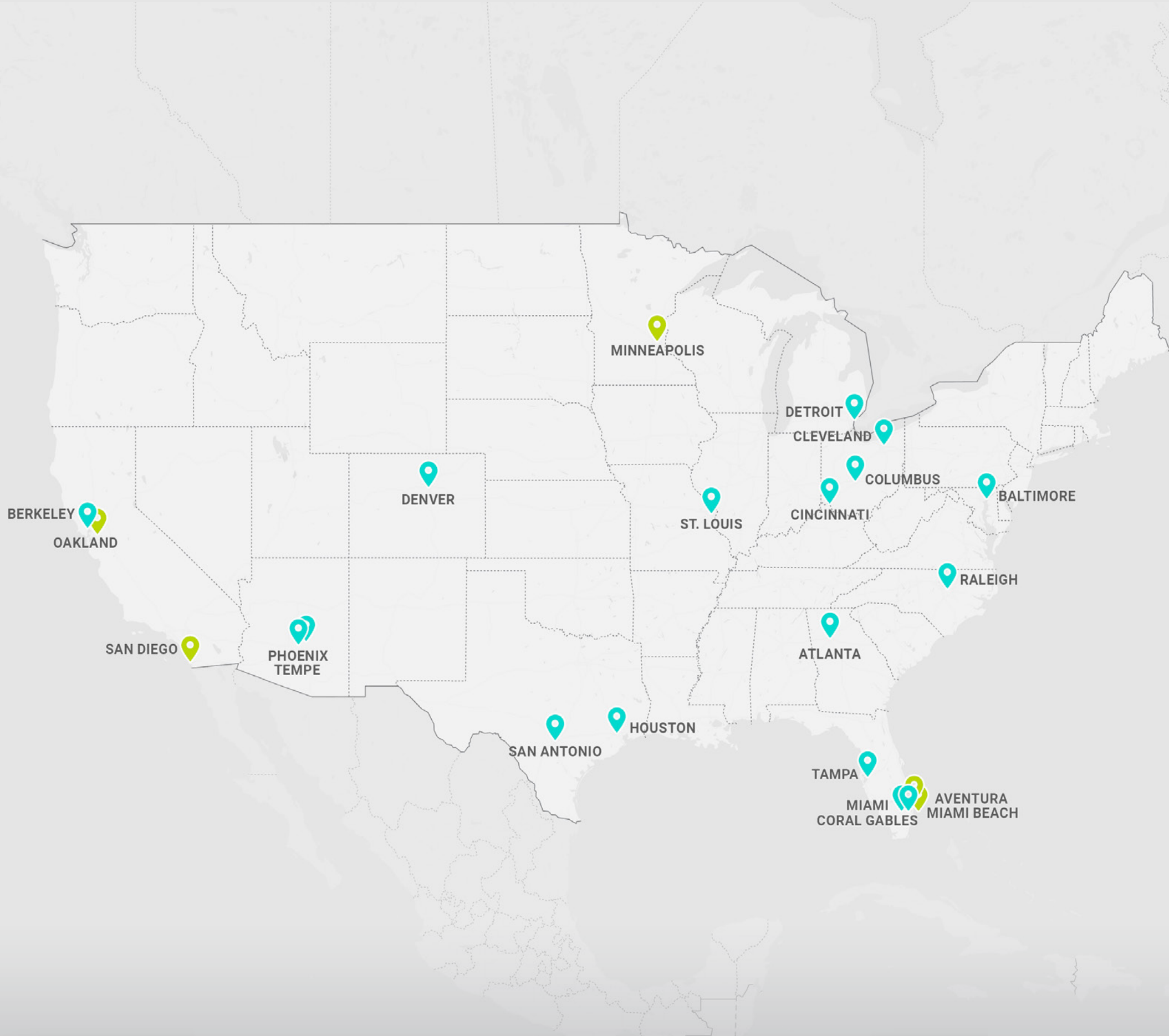
- ▶ Aventura, FL
- ▶ Miami Beach, FL
- ▶ Minneapolis, MN
- ▶ Oakland, CA
- ▶ San Diego, CA

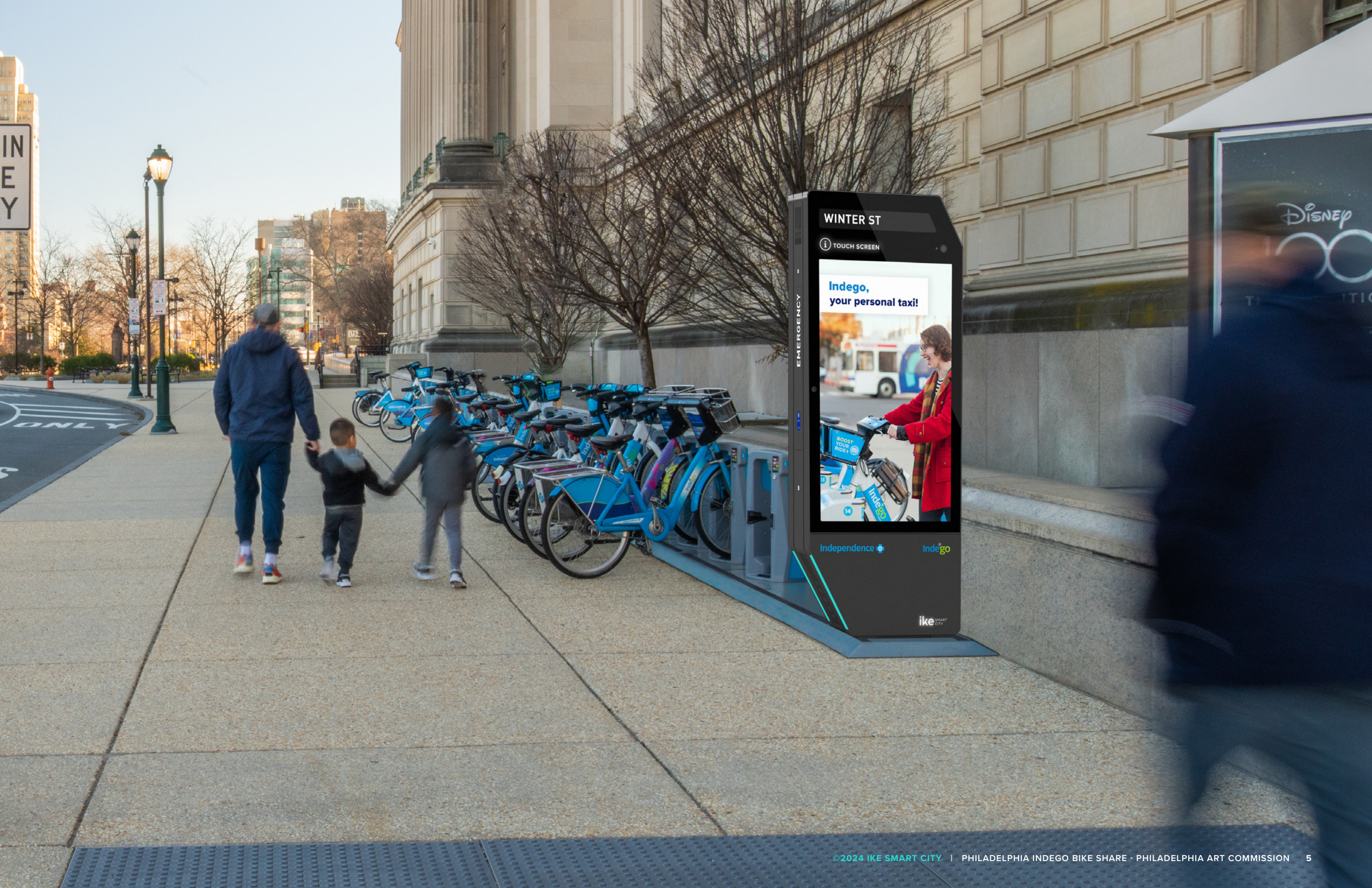
“

There's no better platform
on the market than IKE.

”

KOURTNY GARRETT
PRESIDENT & CEO,
DOWNTOWN DENVER PARTNERSHIP





IN
E
Y

ONLY

WINTER ST

TOUCH SCREEN

Indego,
your personal taxi!



Independence

Indego

ike
SMART
CITY



TWO MODES OF OPERATION

IKE kiosks are placed in highly visible intersections with frequent activity to ensure the highest level of advertising revenues. To incorporate dynamic advertising, IKE has two modes of operation – passive and engaged.

PASSIVE MODE

In the default mode of operation, the kiosks display a loop of art, community, and commercial advertising in a portrait layout that occupies the entirety of IKE’s 65” screen.

ENGAGED MODE

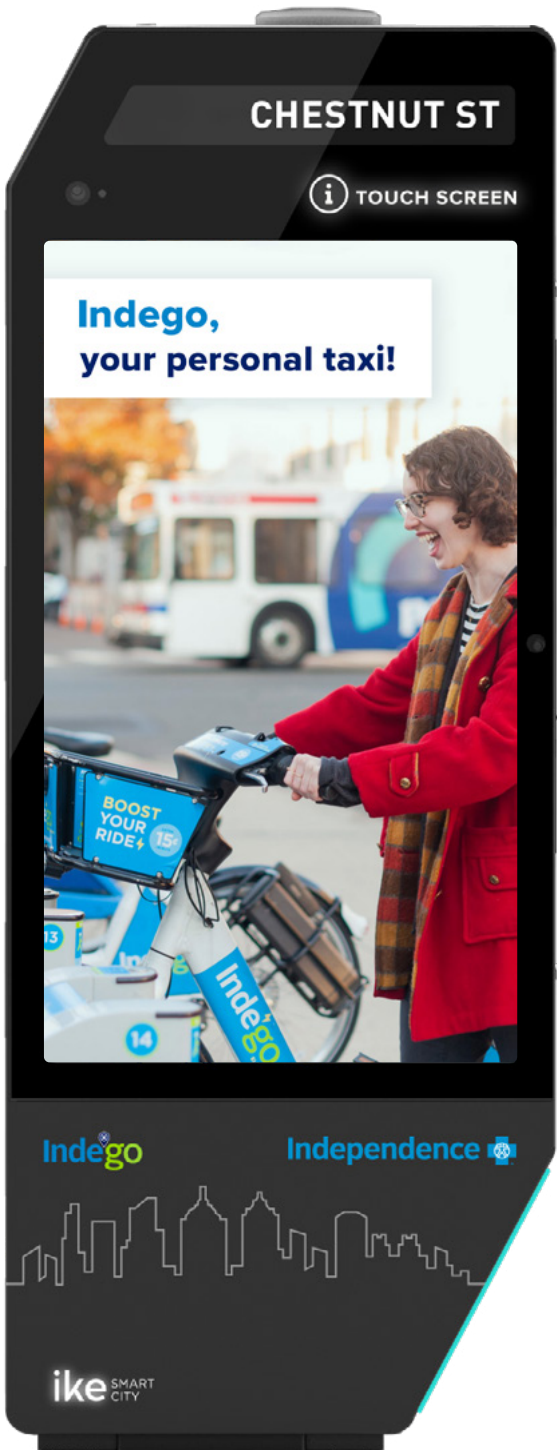
When a pedestrian touches IKE’s screen, the ad loop resizes to a 16:9 landscape layout at the top of the screen and the interactive application dashboard is displayed.

DEDICATED BIKE SHARE CONTENT

IKE will provide Bike Transit with a 1:1 communications medium at the pedestrian level. Bike Transit, the City and the title sponsor will receive allocated space for content throughout several areas of the IKE platform at no cost.

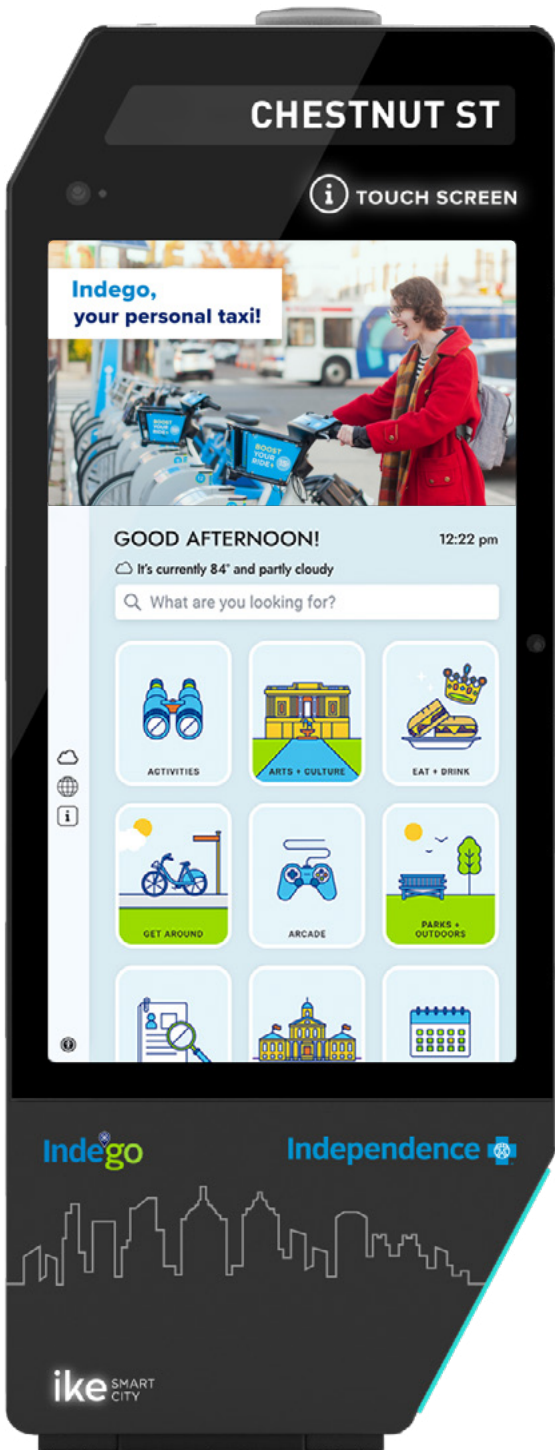
ADVERTISING LOOP

- ▶ Ad panels are rotated in 10-second increments, and the system accepts both static and full-motion video files
- ▶ IKE Smart City will provide Bike Transit, the City, and the title sponsor, combined, with 15% of all advertising time to run campaigns free of charge
- ▶ Emergency announcements, such as IPAWS do not count against the allotted advertising time
- ▶ All remaining advertising time that is not sold to advertisers will be provided at no cost



PASSIVE MODE

VERTICAL AD: 56.2"H X 31.6"W

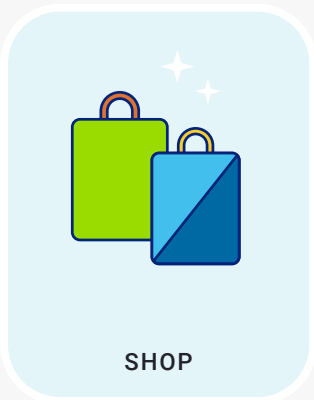


ENGAGED MODE

HORIZONTAL AD: 56.2"H X 31.6"W

INTERACTIVE SUITE OF APPLICATIONS

IKE offers an engaging suite of applications that will help riders understand how to use Indego bikes to explore, discover, and navigate the City of Philadelphia.



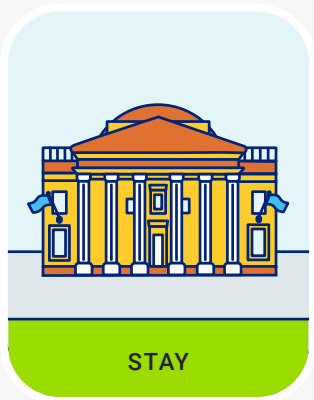
SHOP

Entices shoppers to spend at local retail destinations.



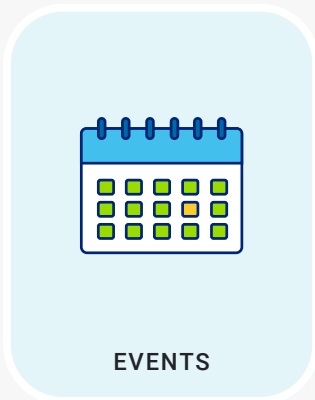
EAT + DRINK

Gives plenty of options for hungry and thirsty residents and visitors to satisfy their cravings.



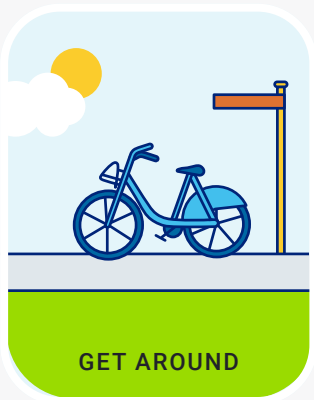
STAY

Lists a wide variety of overnight accommodations.



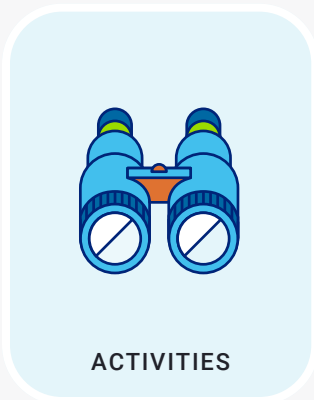
EVENTS

Highlights everything going on in the City with up-to-date event listings and integrated wayfinding.



GET AROUND

Provides multimodal wayfinding, trip planning, and real-time public transit information.



ACTIVITIES

Highlights things to do in the City across a wide range of interests.



SURVEY SAYS

Collects resident feedback on questions created by the City.



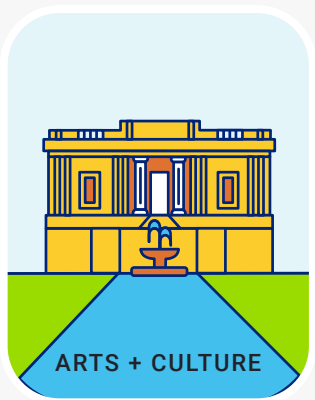
PHOTO BOOTH

Lets pedestrians take fun selfies and send the pics to their smartphone.



EXPLORE

Allows a user to search IKE's content using keywords for a list of relevant results.



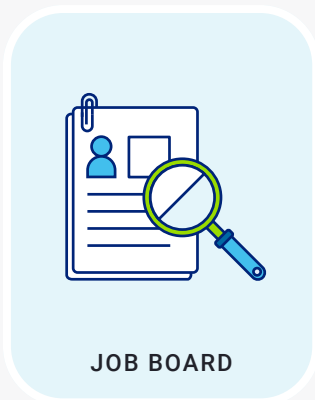
ARTS + CULTURE

Showcases cultural destinations and activities for those looking to experience the creative arts.



PARKS + OUTDOORS

Helps people enjoy outdoor destinations around the City.



JOB BOARD

Provides communities with easy access to local job listings and employment opportunities.



ARCADE

Entertains and engages pedestrians with fun and easy-to-use video games.



CIVIC RESOURCES

Makes it easy to get important things done with listings of municipal buildings and services.



SOCIAL SERVICES

Improves access to support services and resources for communities and residents in need.



SAFE SHELTER

Directs those without homes or a safe place to stay to facilities offering beds and other services.

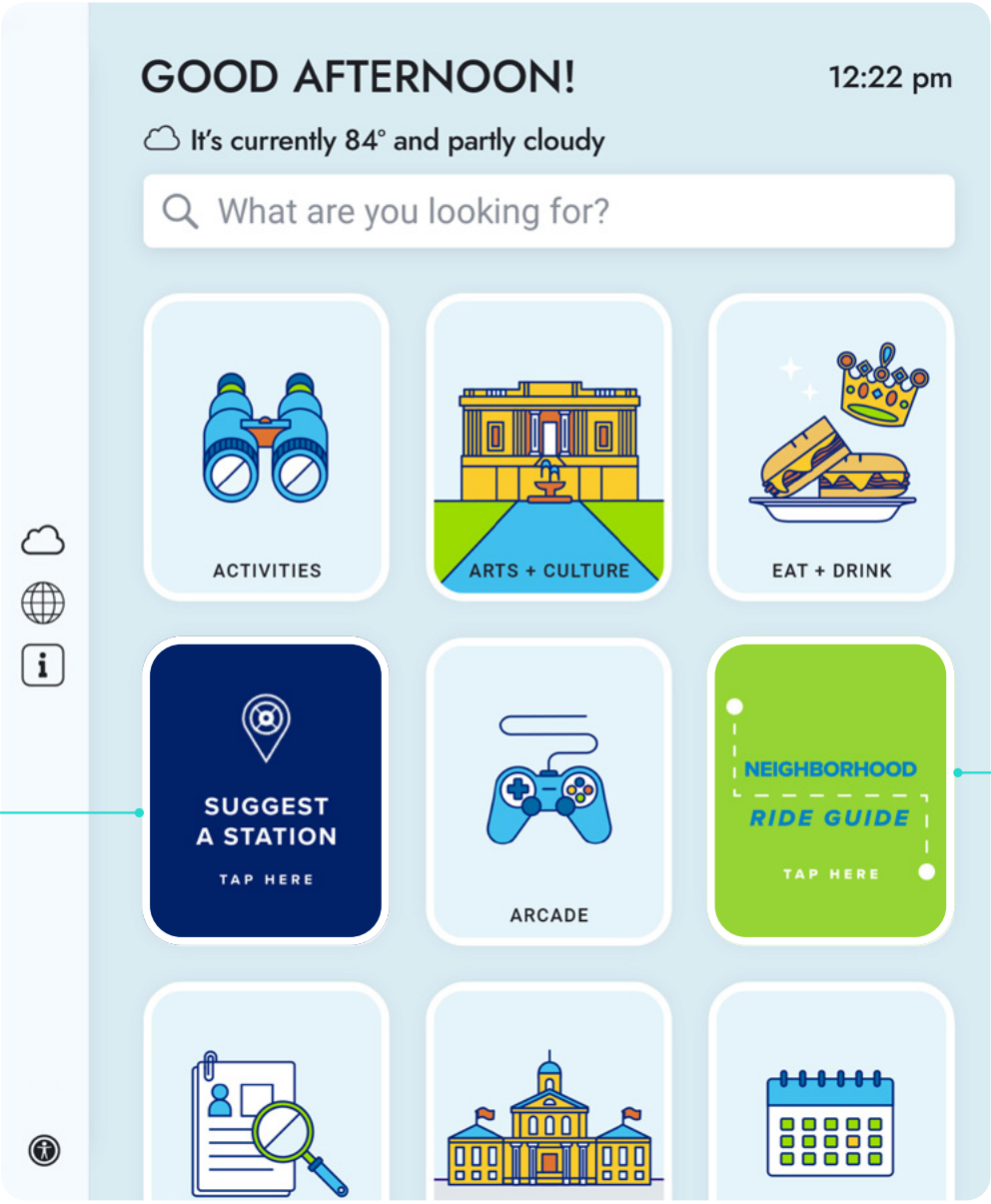
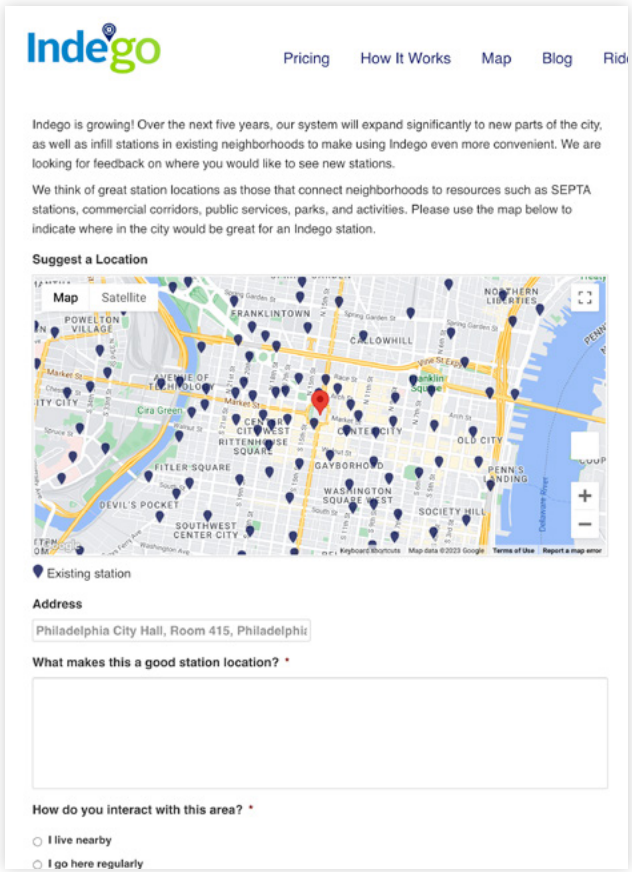
DEDICATED BIKE SHARE CONTENT

WEBSITE INTEGRATIONS

The IKE home screen can display any number of tiles customized to bike share. From the home screen, city residents can connect to Indego’s web content to access information about classes, neighborhood ride guides, bike share jobs, and even suggesting future bike share stations.

SUGGEST A LOCATION

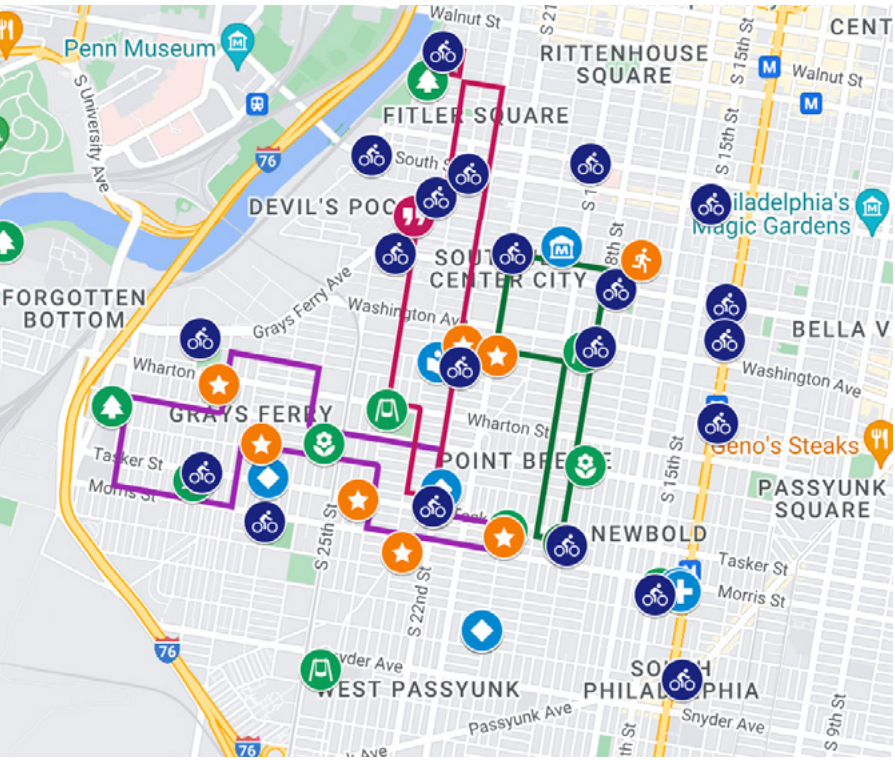
Touching a custom tile on the home screen connects users to Indego’s webpage for suggesting a station.



CUSTOM APPS

NEIGHBORHOOD RIDE GUIDES

Riders can access neighborhood ride guides with local landmarks and bike share stations.



HARDWARE SPECIFICATIONS



IKE HARDWARE	DESCRIPTION	
PHYSICAL	<ul style="list-style-type: none">Size: (H x W x D) 99.5" x 37.5" x 12.5"Weight: 832 lbsRequired sidewalk area: 74" x 76"74" x 36" level area on both sides of the kiosk is provided in compliance with building codes	
POWER SOURCE	<ul style="list-style-type: none">20A @ 120V / 15A @ 240VMax power consumption 1920WConnects to new or existing metered/unmetered utility service as needed, fed from underground below the sidewalkEvaluated to UL Safety Standards by a Nationally Recognized Testing Laboratory (NRTL)	
TOUCHSCREEN DISPLAYS	<ul style="list-style-type: none">Screen size: 65"Screen type: IPS LCDResolution: 1920 x 1080Aspect ratio: 16:9Active image area: 56.2" x 31.6"Viewing angle: (H x V) 178° x 178°	<ul style="list-style-type: none">Direct LED backlitBrightness: 4000 nits, auto-adjusted by ambient light sensorsSupports polarized sunglasses
INTERNET CONNECTIVITY	<ul style="list-style-type: none">Wireless Access Point for free public WiFi within a 150' radius of each kioskConnectivity provided by mobile modem, LTE Advanced with SIM-based auto-carrierFiber optics not required	
ADA COMPLIANCE	<ul style="list-style-type: none">Minimum touchscreen height (ADA enabled) = 15 inchesMaximum touchscreen height (ADA enabled) = 48 inchesSide reach maximum (i.e. footing-to-screen distance) = 10 inchesLeading edge of protrusion less than 27 inches	
STANDARD/OPTIONAL CAMERAS	<ul style="list-style-type: none">Standard configuration: Two integrated video cameras for novelty use in Photo Booth applicationOptional technology: One emergency call camera and two security cameras with a DVR recording system	

KIOSK CUSTOMIZATIONS

IKE reserves real estate for clients to brand the kiosk both on and off screen. The most effective kiosks balance a clean and appealing aesthetic with an inviting and engaging user experience.

HARDWARE CUSTOMIZATIONS

- ▶ **Street Name:** The top of each kiosk identifies the street or cross street.
- ▶ **Vinyl Wraps & Branding:** Custom vinyl wraps can be created to identify the area with unique executions by neighborhood. Choice of logo or text branding will be applied to both faces of the kiosk.
- ▶ **Kinetic Lighting:** A palette of base light colors can be programmed to complement brand and city aesthetics. Colors can be changed to celebrate holidays, events, and more (e.g., pink for Breast Cancer Awareness Month, orange for Halloween).

SOFTWARE CUSTOMIZATIONS

- ▶ **Welcome Panels:** Custom ad panels can be created to welcome residents and visitors to the city or a specified neighborhood.
- ▶ **App Tile Designs:** IKE offers a choice of three application tile design collections. Customization opportunities differ by collection but include accent colors, fonts, select application tile icons, dashboard welcome message, and local weather/time.
- ▶ **Directories:** Each kiosk is programmed with geographic coordinates and a customizable geofence. This allows IKE to automatically populate with content and businesses that are specific to the areas surrounding each kiosk location.



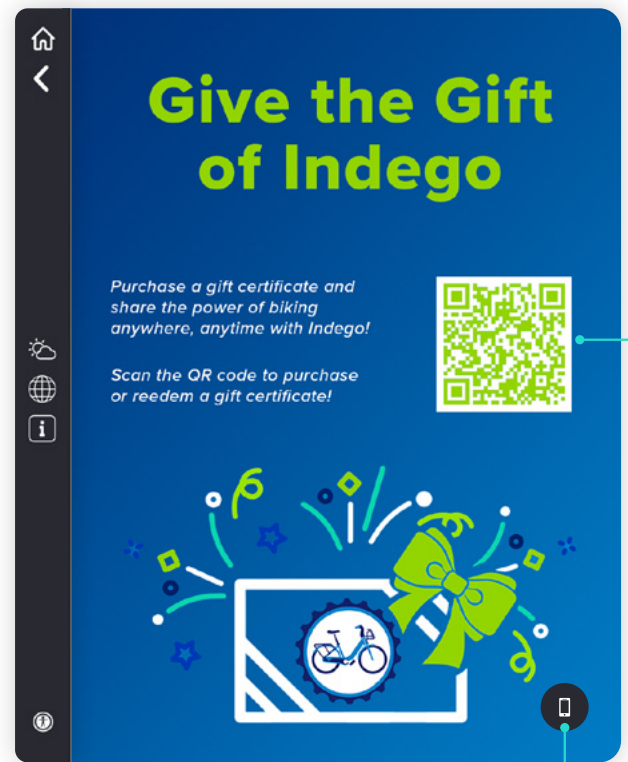
CUSTOMIZABLE CITY CONTENT

CITY POSTER APPLICATIONS

Cities are given dedicated and highly visible Poster applications to display custom messaging on IKE's home screen.



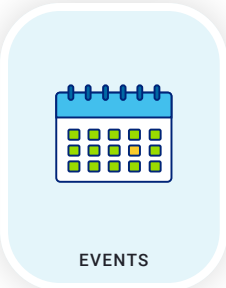
QR CODE TO MOBILE BROWSER



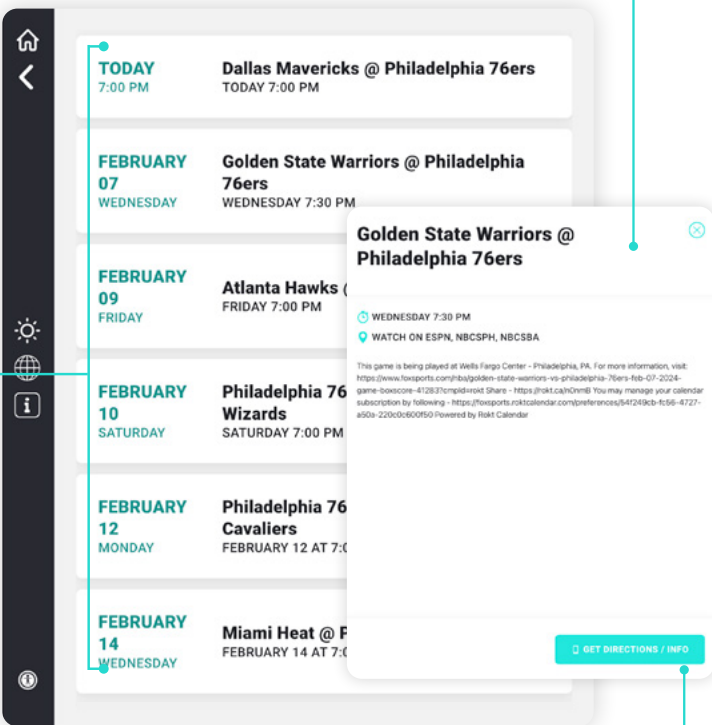
MOBILE EXTENSION

CITY EVENTS

The Events application integrates with any calendar of a city's choosing to promote local events.



EVENT DESCRIPTION AND DETAILS

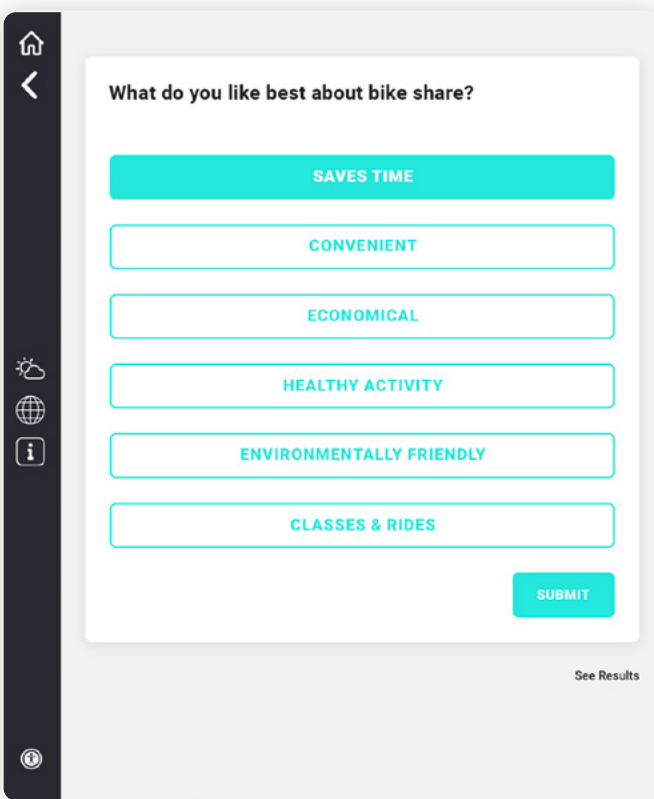


EVENT LISTINGS

MOBILE EXTENSION

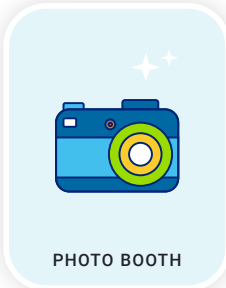
CUSTOMIZABLE QUESTIONS

Survey Says allows a city to solicit feedback from the public. Results are available in a secure online dashboard.



CITY-BRANDED SELFIES

City partners are given exclusive rights to branded frames and stickers in the Photo Booth application.



CUSTOM STICKERS



BRANDED FRAMES

SUPERIOR PRODUCT ENGINEERING

IKE Smart City invests heavily in IKE’s design, engineering, and manufacturing to deliver a superior product that sets us apart from the competition. **IKE is fabricated with premium hardware to ensure performance and longevity in all conditions.**

BUILT TO LAST

- ▶ Evaluated to UL safety standards
- ▶ Graffiti-resistant
- ▶ Parts protected by manufacturer warranties
- ▶ Minimum kiosk longevity of 10 years
- ▶ Screen monitors and computers replaced every 5 years, as needed
- ▶ Various components such as modem and media players replaced every 3-5 years, as needed

CONTINUOUS INNOVATIONS

We continuously leverage state-of-the-art technologies to optimize the IKE platform.

WEATHERPROOF IN ALL CONDITIONS

IKE has been designed and manufactured to withstand even the most extreme weather conditions. From triple-digit heat in Tempe, AZ and hurricanes in Miami, FL to freezing conditions in Cleveland, OH, IKE achieves operational excellence in all climates.

- ▶ Corrosion-resistant for a minimum of 15 years
- ▶ Dust- and water-resistant to a rating of IP-56
- ▶ Shatterproof tempered glass doors laminated with optical clear resin
- ▶ Operating temperature of -20° to 120° Fahrenheit and 5% to 95% humidity
- ▶ Withstands direct sunlight up to 300W per square meter of solar load
- ▶ Rated to withstand hurricane-force winds of up to 165 mph (including glass and foundation)
- ▶ Flood sensor automatically sends warning notifications to the IKE team if the water line reaches 18” from the base of the kiosks



MIAMI, FL



CLEVELAND, OH

ILLUMINATION DETAILS

IKE Smart City delivers the most technologically advanced platform available. It was intentionally designed with state-of-the-art hardware and software that prevent IKE's illuminated screens from negatively impacting the surrounding areas.

BRIGHTNESS CONTROLS

- ▶ Each kiosk is equipped with ambient light sensors that automatically dim the brightness of IKE screens in response to ambient light conditions at each individual location
- ▶ IKE was designed with a remote monitoring system that immediately alerts our team to any system malfunctions, allowing us to promptly address any issues. IKE is also equipped with software that allows our team to access the illumination controls remotely to manually adjust the brightness of the screens to an appropriate level
- ▶ Graphics in the advertising loop rotate in :10 increments and are not permitted to contain flashing lights

PUBLIC SAFETY

OPTIONAL EMERGENCY CALL SYSTEM

- ▶ IKE offers an optional Emergency Call System that connects to local emergency services at no extra cost to the City. When the emergency call button is pressed, IKE automatically:
 - Dials 911 and notifies the responding dispatcher of the exact kiosk location
 - Enables two-way communication between the caller and the dispatcher
 - Records secure video of the caller and surrounding events

OPTIONAL SECURITY CAMERAS

- ▶ Two integrated security cameras with a remote DVR system can be added to IKE's configuration at no extra cost to the City
- ▶ Access to the DVR system is strictly controlled by IKE Smart City's security protocols
- ▶ Designated emergency personnel are required to complete and submit a request form to view the footage. Video footage is permanently deleted from the DVR system after 15 days



ATLANTA, GA
ARTIST: ADRIAN FRANKS

INCLUSIVE PLATFORM

MULTILINGUAL INTERFACE

- ▶ IKE is multilingual in more than 100 languages
- ▶ Users can choose their language from a list along the left side of the screen
- ▶ We do not rely solely on free machine translation tools like Google Translate
- ▶ Human interpreters translate interface elements to ensure that key words are correct and contextual
- ▶ Each kiosk can be programmed to reflect the predominant language spoken in the surrounding area

ADA COMPLIANT

- ▶ IKE is 100% ADA compliant and meets federally mandated requirements
- ▶ We are continuously evolving the platform based on ADA recommendations

BLIND/LOW-VISION ACCESSIBILITY

- ▶ IKE Smart City collaborated with the National Federation of the Blind (NFB) to develop a nonvisual access solution for IKE
- ▶ As a result, IKE's Product and Software team created a mobile handoff feature for blind and low-vision users

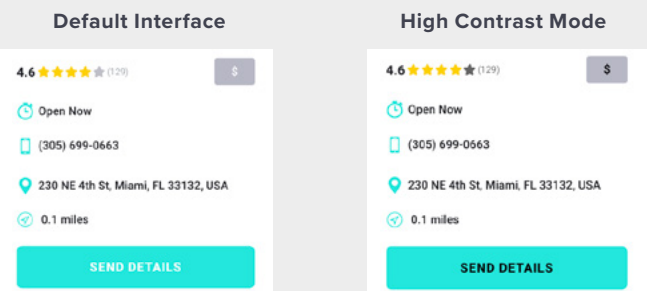
OPENS DRAWER FOR
LANGUAGE SELECTION

VISUAL SUPPORT TOOLS:

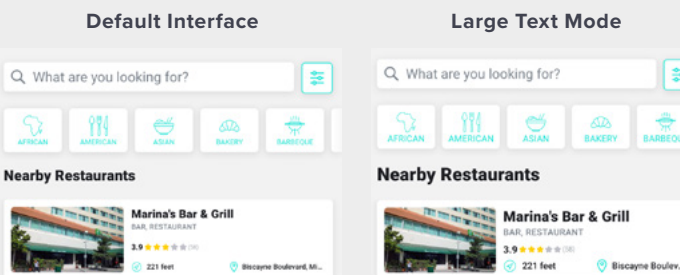
WHEELCHAIR ACCESSIBILITY TOOL

Repositions on-screen content to lower reach

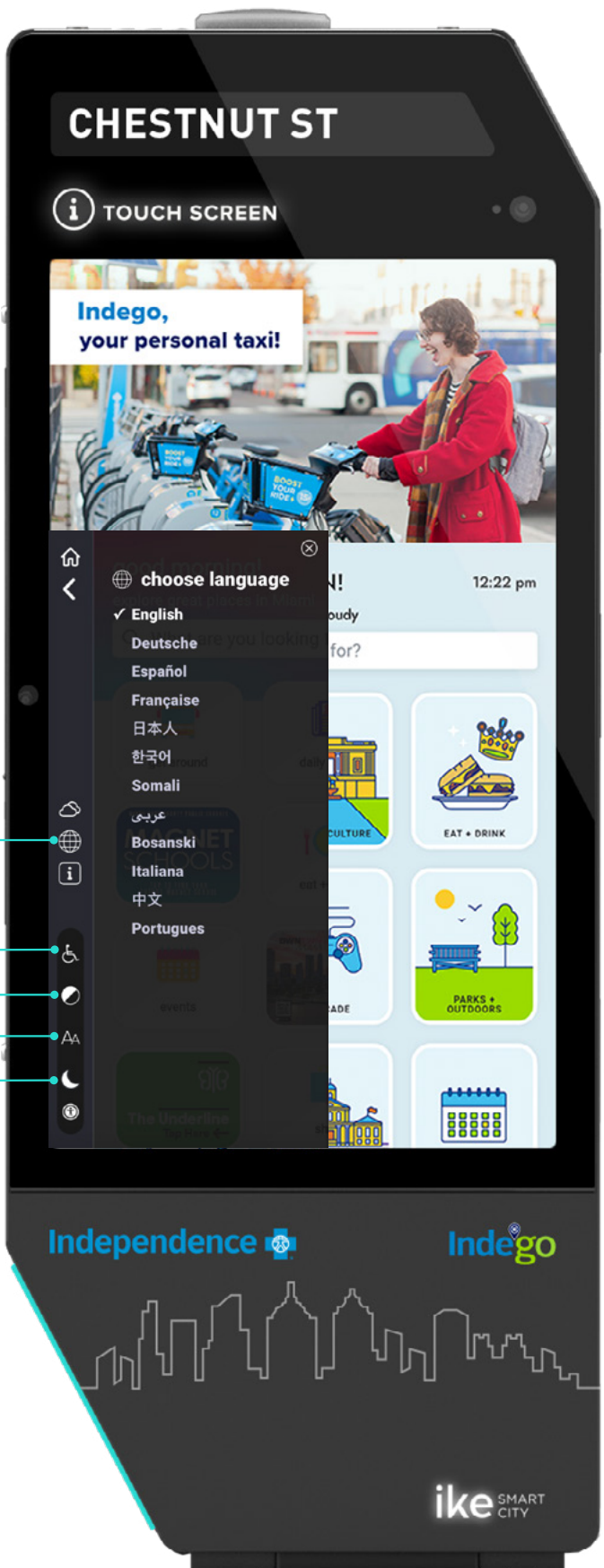
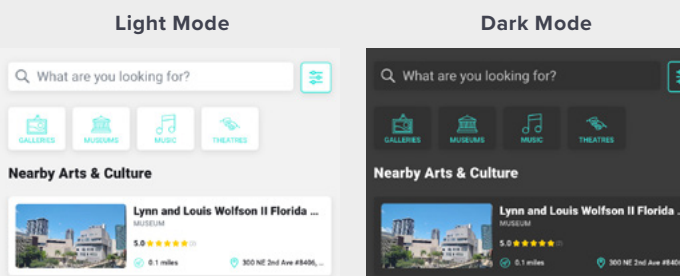
HIGH CONTRAST MODE COMPARISON



LARGE TEXT MODE COMPARISON



LIGHT AND DARK MODE COMPARISON



PUBLIC ART & COMMUNITY ENGAGEMENT

IKE Smart City and sister company, Orange Barrel Media, have a longstanding commitment to developing media that supports the production and presentation of public art. Focused on community engagement, Corey Favor and Currecia Gamble work closely with IKE Smart City CEO, Pete Scantland, to lead our art initiatives.

We maintain key relationships with both internationally recognized and local artists, as well as museums and art institutions. These partnerships result in the expansion of art into highly visible public spaces where it can reach broader and more diverse audiences.

Collaborations across the country include work with art curators and organizations such as:

- ▶ MOCA Los Angeles
- ▶ ONE Archives
- ▶ ICA Boston
- ▶ Diana Nawi
- ▶ Larry Ossei-Mensah
- ▶ Wexner Center for the Arts
- ▶ The Hammer Museum
- ▶ Hirshhorn Smithsonian
- ▶ Pérez Art Museum Miami
- ▶ Residency Art Gallery
- ▶ MCA Denver
- ▶ For Freedoms

and artists such as:

- ▶ Catherine Opie
- ▶ Nick Cave
- ▶ Jeffrey Gibson
- ▶ Ann Hamilton
- ▶ Jenny Holzer
- ▶ Gerald Lovell
- ▶ Barbara Kruger
- ▶ Genevieve Gaignard
- ▶ Cauleen Smith
- ▶ Hank Willis Thomas
- ▶ Carrie Mae Weems
- ▶ The Propeller Group
- ▶ Sadie Barnette
- ▶ Patrick Martinez
- ▶ Tony Cokes
- ▶ Nari Ward
- ▶ Tomashi Jackson
- ▶ Pipilotti Rist



Corey Favor
Senior Director of Community Engagement, Talent & Culture



Currecia Gamble
Director of Community Engagement & Partnerships



Jibran Shermohammed
VP of Development & Corporate Counsel



Jake DellaValle
Development Director



Adefolakunmi Adenugba
Development Manager



BALTIMORE, MD
BALTIMORE MUSEUM OF ART



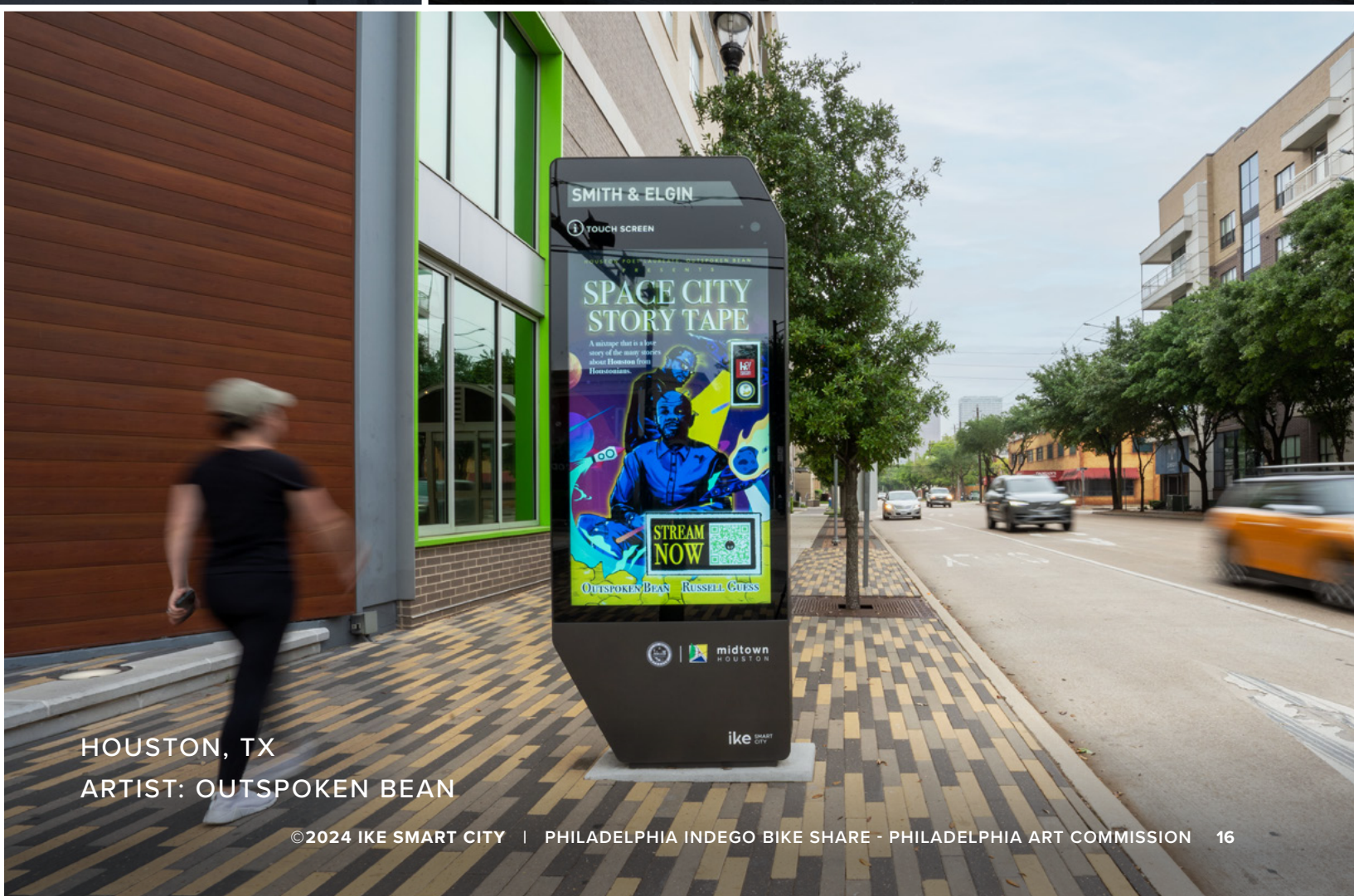
MIAMI, FL
ICA MIAMI



COLUMBUS, OH
ARTIST: JOE DULIN-DIDONATO



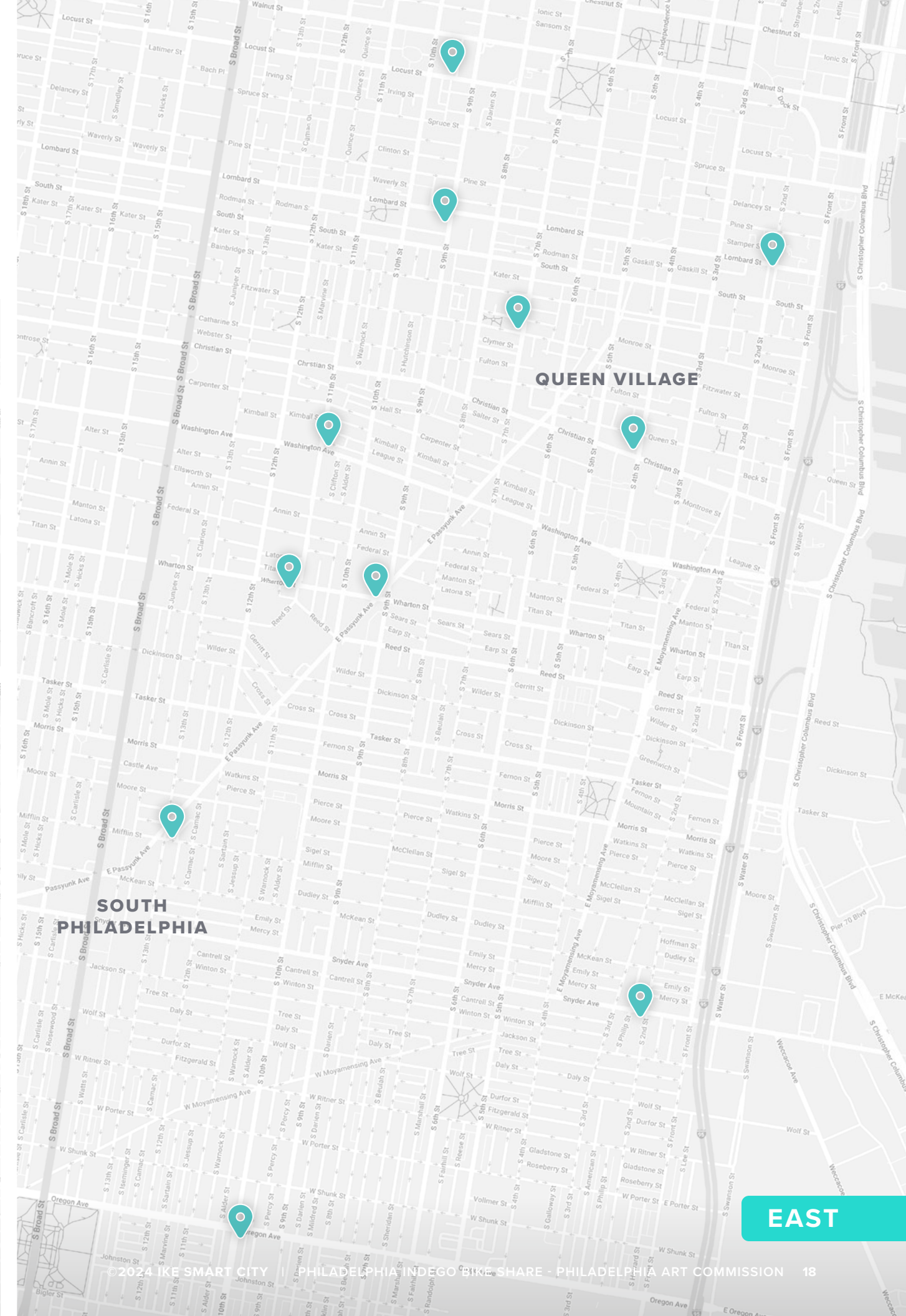
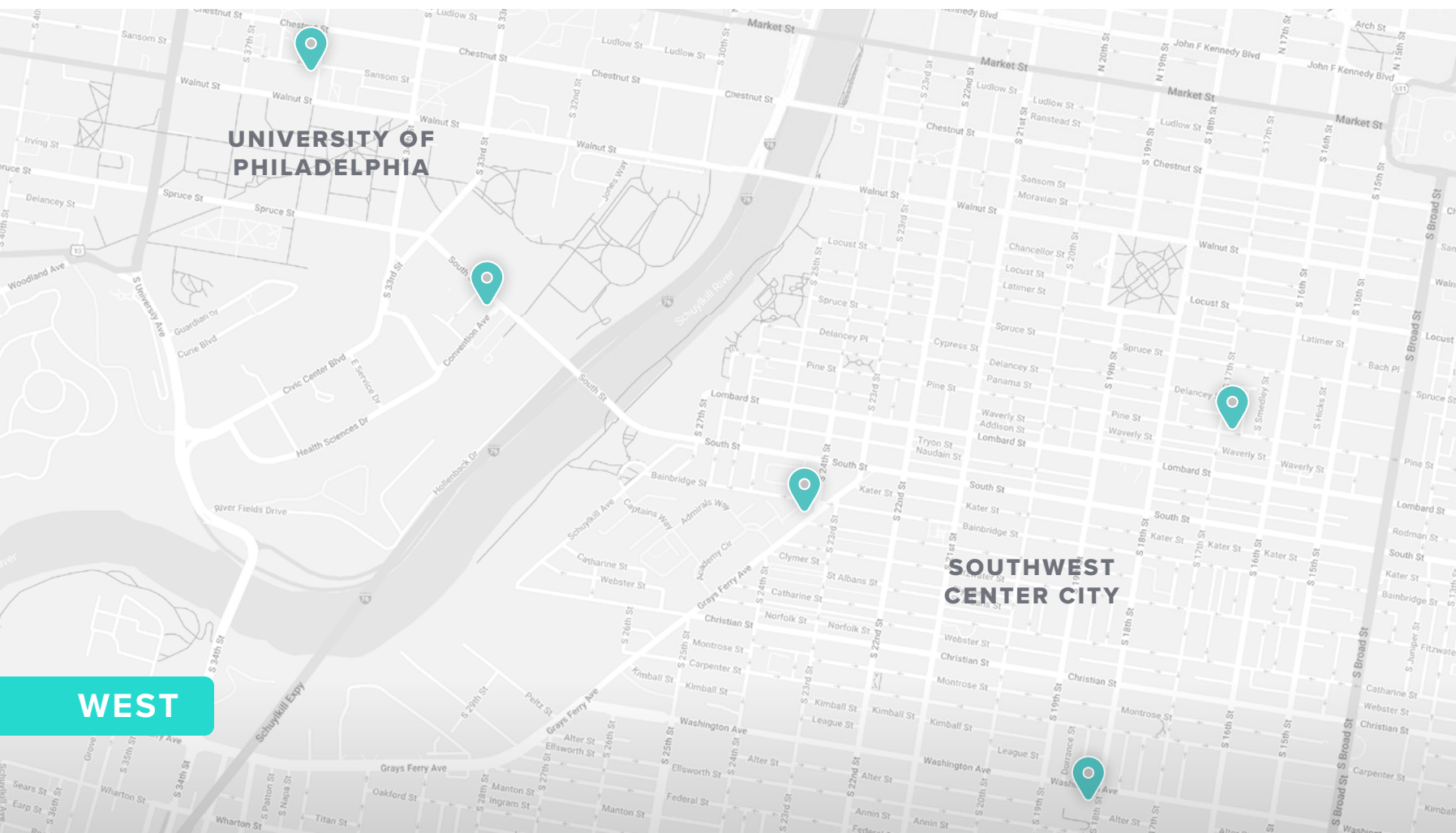
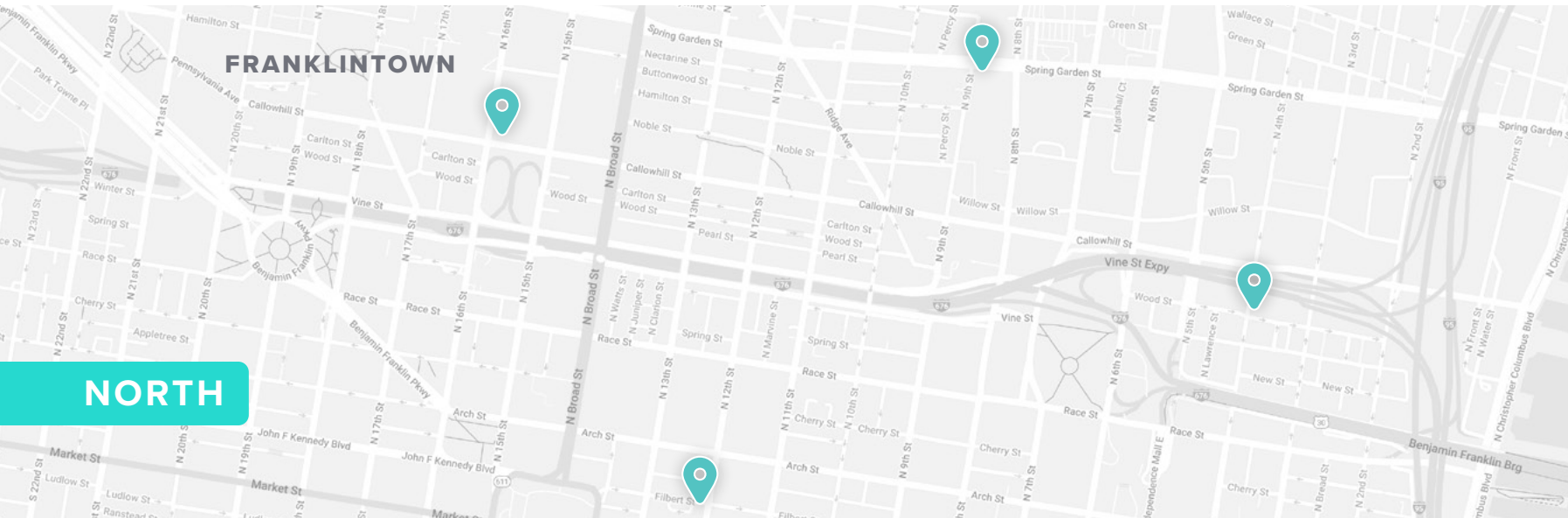
TAMPA, FL
TAMPA MUSEUM OF ART



HOUSTON, TX
ARTIST: OUTSPOKEN BEAN

PROPOSED IKE LOCATIONS

IKE Smart City has selected its first 20 sites based on the highest Indego ridership numbers for its bike docks that are located on city streets and do not require PennDOT approval.



LOCATION SELECTION

IKE Smart City uses an analytical and collaborative process in selecting locations for buildout to ensure the network serves the needs of all stakeholders and achieves Indego’s program objectives.

The following are key criteria in site selection:

- ▶ Sites chosen based on Indego ridership data
- ▶ Only on City-controlled routes (no PennDOT streets)
- ▶ Follows guidelines from OTIS
- ▶ Sites can be revised to follow Art Commission feedback and guidelines

“

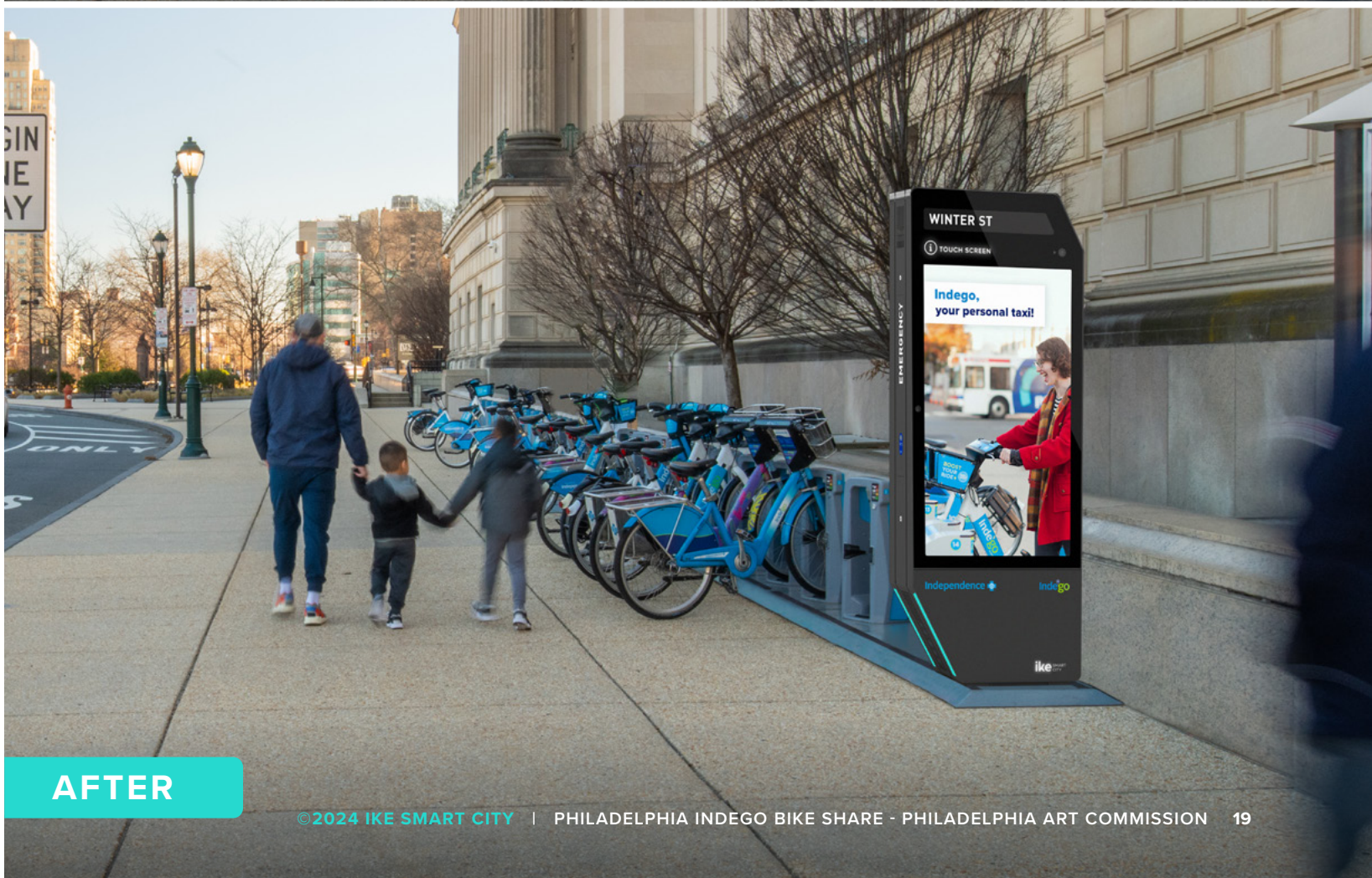
The rollout of the first 30 kiosks here in St. Louis has been nothing short of AMAZING. The community loves them, and IKE has gone above and beyond to work with us and ensure everything from installation to operations and maintenance went smoothly, was high quality and they have more than met their ongoing maintenance requirements.

”

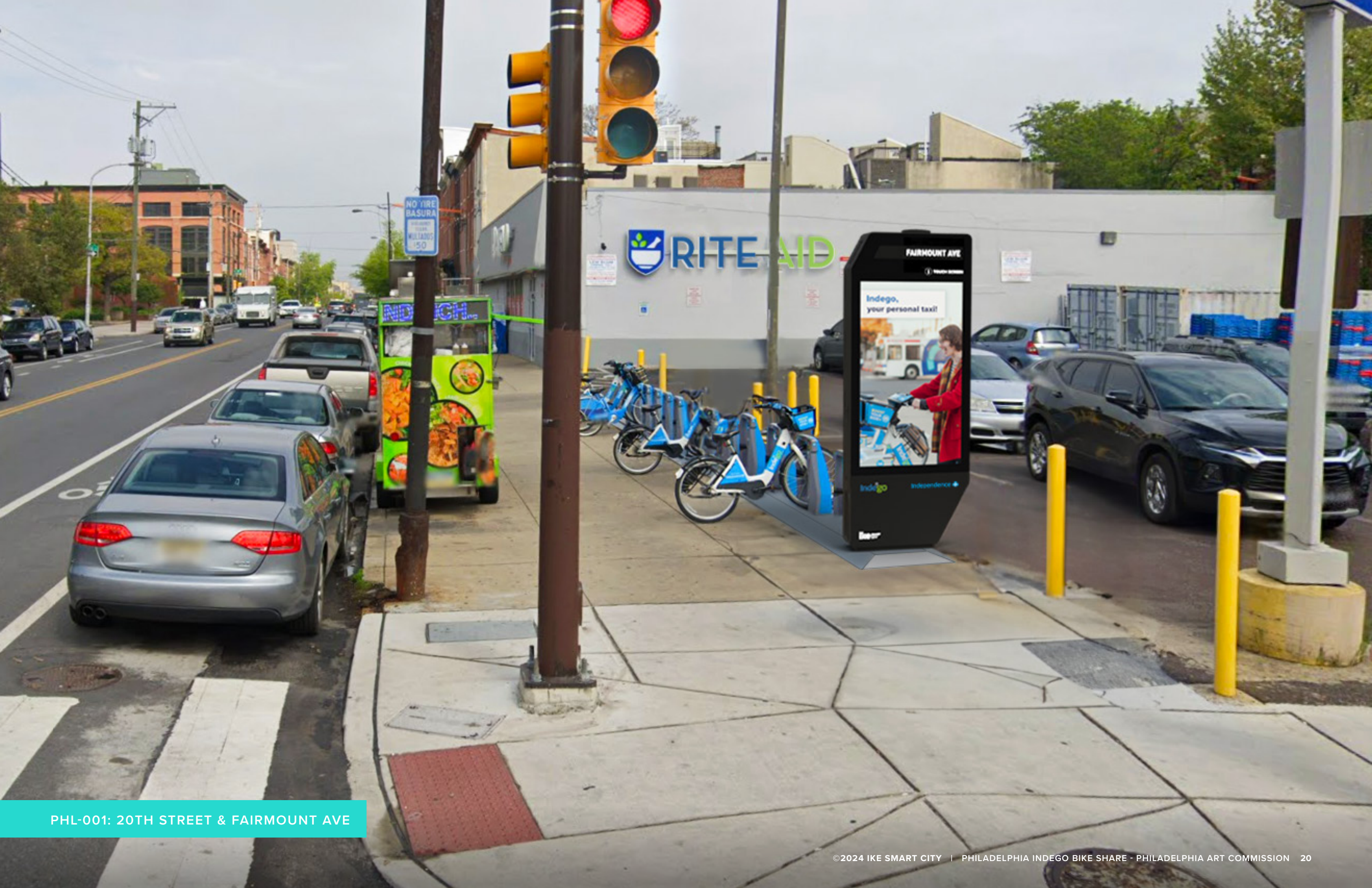
DR. ROBERT GASKILL-CLEMONS
FORMER CHIEF TECHNOLOGY OFFICER, CITY OF ST. LOUIS



BEFORE



AFTER





PHL-001: 20TH STREET & FAIRMOUNT AVE

CONSTRUCTION PLANS
FOR
IKE SMART CITY - PHILADELPHIA
PHL-001 20TH STREET & FAIRMOUNT AVE
CITY OF PHILADELPHIA, PENNSYLVANIA

DRAWING INDEX:

SHEET	DESCRIPTION
C-0	COVER
C-1	GENERAL NOTES
C-2	EXISTING CONDITIONS
C-3	INTERSECTION VISIBILITY
C-4	SITE PLAN
C-4B	SITE PLAN DETAIL
C-5	CONSTRUCTION DETAILS
E-1	ELECTRICAL SITE
S-1	FOUNDATION DETAILS
S-2	KIOSK DETAILS



SITE MAP

PROJECT DESCRIPTION

INSTALL INTERACTIVE KIOSK AND SHALLOW FOUNDATION WITHIN THE EXISTING SIDEWALK IN THE RIGHT OF WAY. INSTALL CONDUIT, HANDHOLE, METER/ DISCONNECT TO CONNECT TO PECO POWER. REPAIR CONCRETE SIDEWALK, CURB AND GUTTER, AND ASPHALT THAT IS TO BE DISTURBED DURING INSTALLATION

CLIENT:

IKE SMART CITY, LLC.
250 N HARTFORD AVE
COLUMBUS OHIO 43222


DECEMBER, 2023

	<p>*****NOTE***** UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS INFORMATION. NOT BASED ON BOUNDARY SURVEY & FIELD EXPOSURES.</p>	<p>CAUTION!!! CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION</p>	<p><i>Dem S</i> 12/28/2023</p>	REVISION DESCRIPTION	REV #	DATE	IKE SMART CITY - PHILADELPHIA PHL-001	
							COVER SHEET	
							DRAWN BY: RLB	C-0
							CHECKED BY: DATE: 12/01/2023	

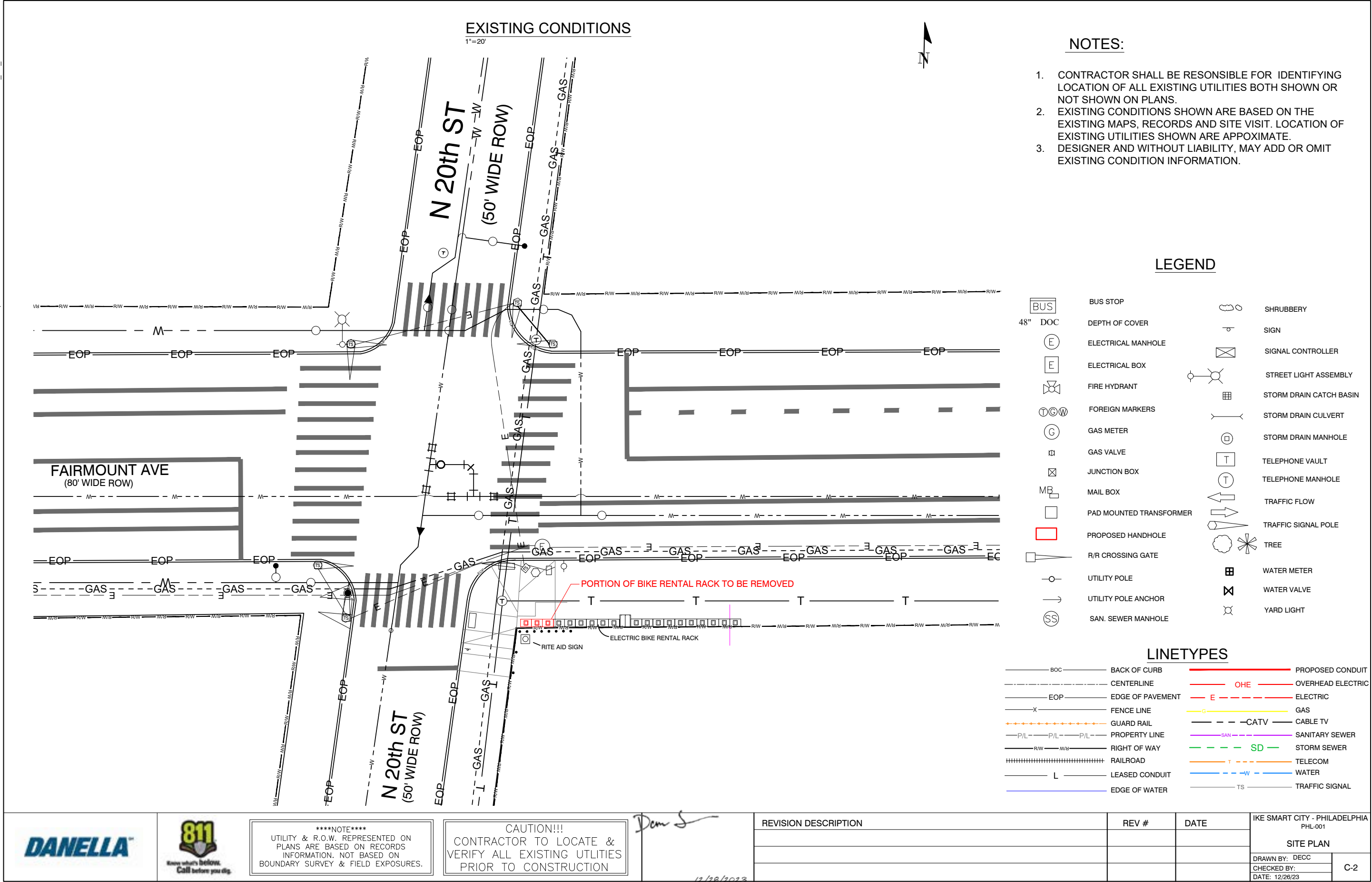
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GENERAL CONSTRUCTION NOTES

- 1. ALL CONSTRUCTION, MATERIAL, AND RESTORATION SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE CITY OF PHILADELPHIA.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED.
- 3. ALL EXISTING UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. THE CONTRACTOR SHALL CONTACT ONE CALL SYSTEM TO HAVE THEM LOCATE EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING LOCATING OF PRIVATE FACILITIES.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE UTILITIES IN THE CONSTRUCTION OF THIS PROJECT, INCLUDING FACILITIES NOT SHOWN ON THE PLANS. ALL INFRASTRUCTURE MUST BE TO PROPER GRADE PRIOR TO AND AFTER PLACING PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF ANY PAVING FOR THIS PROJECT.
- 5. BRACING OF UTILITY POLES MAY BE REQUIRED BY UTILITY COMPANIES WHEN TRENCHING OR EXCAVATION IS IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE VARIOUS PAY ITEMS FOR INSTALLATION OF THE KIOSK.
- 6. ALL EXISTING CONCRETE PAVING, SIDEWALKS, AND CURBS NOTED FOR DEMOLITION SHALL BE REMOVED IN THEIR ENTIRETY AND DISPOSED OF BY THE CONTRACTOR OFF SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER .
- 7. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PUBLIC OR PRIVATE PROPERTY, INCLUDING BUT NOT LIMITED TO, FENCES, BOLLARDS, WALLS, PAVEMENT, GRASS, TREES, PLANTERS, DECORATIVE LIGHTING, AND LAWN SPRINKLER AND IRRIGATION SYSTEMS AT NO COST TO THE OWNER. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT (UNLESS OTHERWISE NOTED)
- 8. THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL AND TRASH FROM THE PROJECT AREA. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AND IS NOT A SEPARATE PAY ITEM.
- 9. TRAFFIC CONTROL- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES DURING CONSTRUCTION AND SHALL PROVIDE ANY NECESSARY, BARRICADES, LIGHTING, SIGNS, AND FLAGMEN, FOR THE MOT TO PROVIDE SAFETY TO THE PUBLIC.
- 10. THE CONTRACTOR MAINTAIN A COPY OF ALL PERMITS AT THE JOB SITE AT ALL TIMES.
- 11. THE CONTRACTOR SHALL NOTIFY PROJECT MANAGER WITH ANY DISCREPANCIES ON THE DRAWINGS BEFORE COMMENCING WORK. FIELD CHANGES OR DEVIATIONS FROM THE DESIGN WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE OWNER. CONSIDERATION WILL NOT BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND PROJECT MANAGER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
- 12. ALL COPIES OF COMPACTION, CONCRETE, AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE PROJECT MANAGER DIRECTLY FROM THE TESTING AGENCY.
- 13. ALL NECESSARY INSPECTIONS AND/ OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/ OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO FINAL INSPECTION.

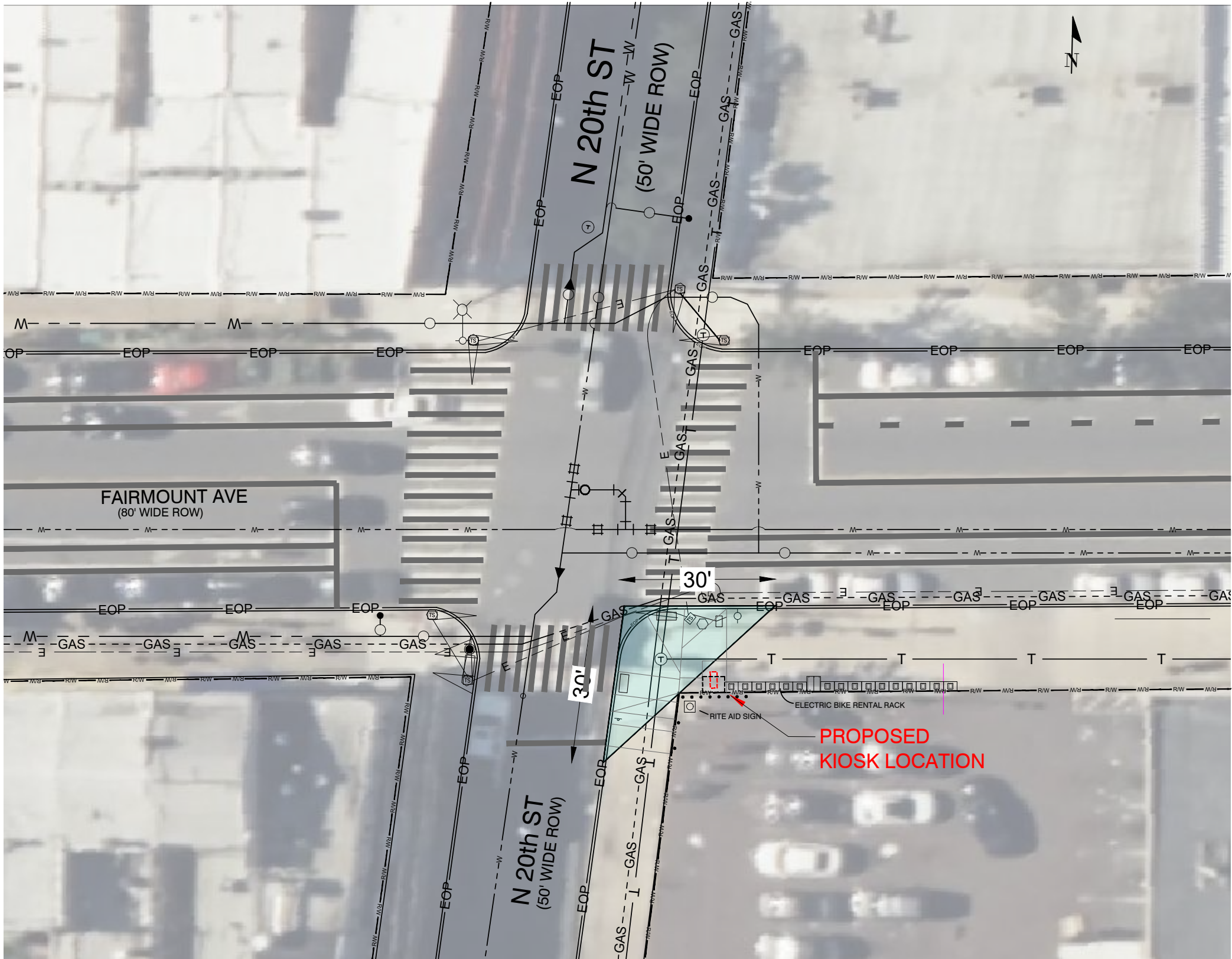
<div></div>	<div>****NOTE**** UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS INFORMATION. NOT BASED ON BOUNDARY SURVEY & FIELD EXPOSURES.</div>	<div>CAUTION!!! CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION</div>	<div><div>Dem S</div><div>12/28/2023</div></div>	REVISION DESCRIPTION	REV #	DATE	IKE SMART CITY - PHILADELPHIA PHL-001	
							GENERAL NOTES	
							DRAWN BY: RLB	C-1
							CHECKED BY: DATE: 12/01/2023	

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INTERSECTION VISIBILITY



LEGEND

- | | | | |
|--|-------------------------|--|-------------------------|
| | BUS STOP | | SHRUBBERY |
| | 48" DOC | | SIGN |
| | ELECTRICAL MANHOLE | | SIGNAL CONTROLLER |
| | ELECTRICAL BOX | | STREET LIGHT ASSEMBLY |
| | FIRE HYDRANT | | STORM DRAIN CATCH BASIN |
| | FOREIGN MARKERS | | STORM DRAIN CULVERT |
| | GAS METER | | STORM DRAIN MANHOLE |
| | GAS VALVE | | TELEPHONE VAULT |
| | JUNCTION BOX | | TELEPHONE MANHOLE |
| | MAIL BOX | | TRAFFIC FLOW |
| | PAD MOUNTED TRANSFORMER | | TRAFFIC SIGNAL POLE |
| | PROPOSED HANDHOLE | | TREE |
| | R/R CROSSING GATE | | WATER METER |
| | UTILITY POLE | | WATER VALVE |
| | UTILITY POLE ANCHOR | | YARD LIGHT |
| | SAN. SEWER MANHOLE | | |

LINETYPES

- | | | | | | |
|--|----------------|--|--------------|--|-------------------|
| | BOC | | BACK OF CURB | | PROPOSED CONDUIT |
| | CENTERLINE | | OHE | | OVERHEAD ELECTRIC |
| | EOP | | E | | ELECTRIC |
| | FENCE LINE | | G | | GAS |
| | GUARD RAIL | | CATV | | CABLE TV |
| | P/L | | SAN | | SANITARY SEWER |
| | PROPERTY LINE | | SD | | STORM SEWER |
| | RIGHT OF WAY | | T | | TELECOM |
| | RAILROAD | | W | | WATER |
| | LEASED CONDUIT | | TS | | TRAFFIC SIGNAL |
| | EDGE OF WATER | | | | |

SCALE: 1"=20'

DANELLA



****NOTE****
UTILITY & R.O.W. REPRESENTED ON
PLANS ARE BASED ON RECORDS
INFORMATION. NOT BASED ON
BOUNDARY SURVEY & FIELD EXPOSURES.

CAUTION!!!
CONTRACTOR TO LOCATE &
VERIFY ALL EXISTING UTILITIES
PRIOR TO CONSTRUCTION

Dem S

12/28/2023

REVISION DESCRIPTION

REV #

DATE

IKE SMART CITY - PHILADELPHIA
PHL-001

INTERSECTION VISIBILITY

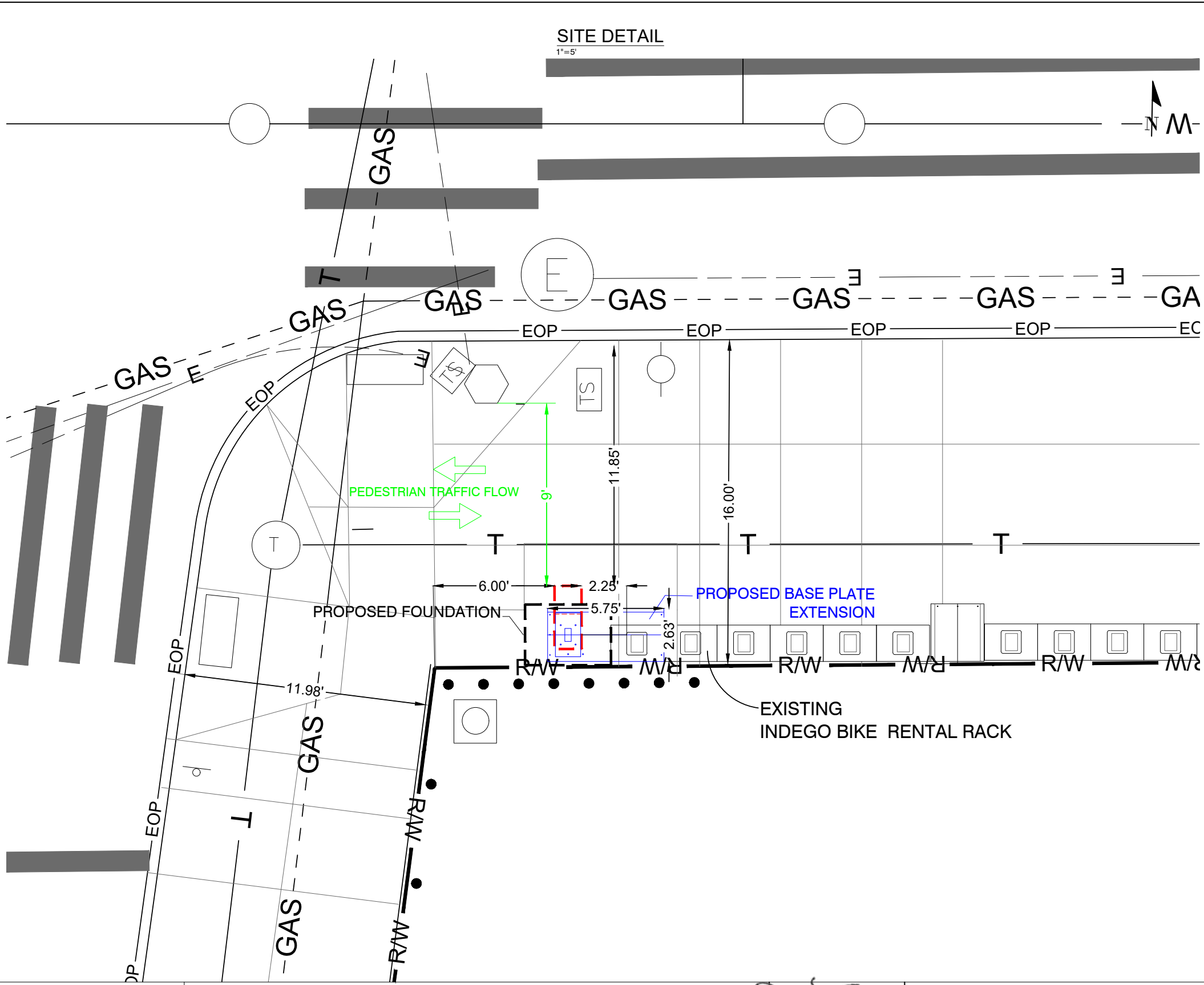
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DATE: 12/26/2023

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SITE DETAIL

1"=5'

NOTES:

1. CONTRACTOR SHALL BE RESONSIBLE FOR IDENTIFYING LOCATION OF ALL EXISTING UTILITIES BOTH SHOWN OR NOT SHOWN ON PLANS.
2. EXISTING CONDITIONS SHOWN ARE BASED ON THE EXISTING MAPS, RECORDS AND SITE VISIT. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE.
3. AT THE DISCRETION OF THE DESIGNER AND WITHOUT LIABILITY, MAY ADD OR OMIT EXISTING CONDITION INFORMATION.

LEGEND

	BUS STOP		SHRUBBERY
	48" DOC		SIGN
	ELECTRICAL MANHOLE		SIGNAL CONTROLLER
	ELECTRICAL BOX		STREET LIGHT ASSEMBLY
	FIRE HYDRANT		STORM DRAIN CATCH BASIN
	FOREIGN MARKERS		STORM DRAIN CULVERT
	GAS METER		STORM DRAIN MANHOLE
	GAS VALVE		TELEPHONE VAULT
	JUNCTION BOX		TELEPHONE MANHOLE
	MAIL BOX		TRAFFIC FLOW
	PAD MOUNTED TRANSFORMER		TRAFFIC SIGNAL POLE
	PROPOSED HANDHOLE		TREE
	R/R CROSSING GATE		WATER METER
	UTILITY POLE		WATER VALVE
	UTILITY POLE ANCHOR		YARD LIGHT
	SAN. SEWER MANHOLE		

LINETYPES

	BOC	BACK OF CURB		PROPOSED CONDUIT
	CENTERLINE	CENTERLINE		OHE OVERHEAD ELECTRIC
	EOP	EDGE OF PAVEMENT		ELECTRIC
	FENCE LINE	FENCE LINE		GAS
	GUARD RAIL	GUARD RAIL		CATV CABLE TV
	P/L	PROPERTY LINE		SANITARY SEWER
	R/W	RIGHT OF WAY		SD STORM SEWER
	RAILROAD	RAILROAD		TELECOM
	LEASED CONDUIT	LEASED CONDUIT		WATER
	EDGE OF WATER	EDGE OF WATER		TS TRAFFIC SIGNAL

DANELLA



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CAUTION!!!
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REVISION DESCRIPTION

REV #

DATE

IKE SMART CITY - PHILADELPHIA
PHL-001

SITE DETAIL

DRAWN BY: RLB

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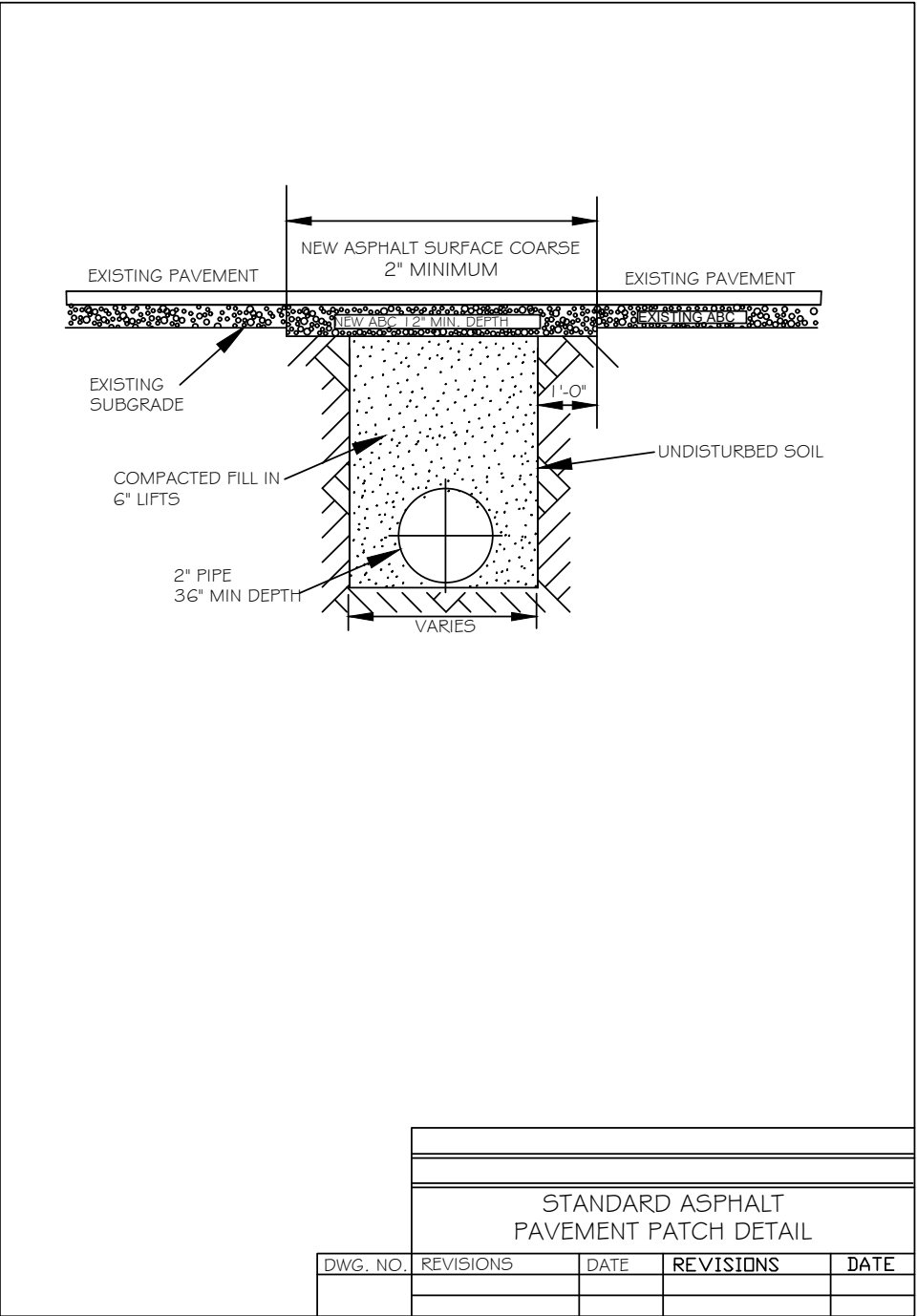
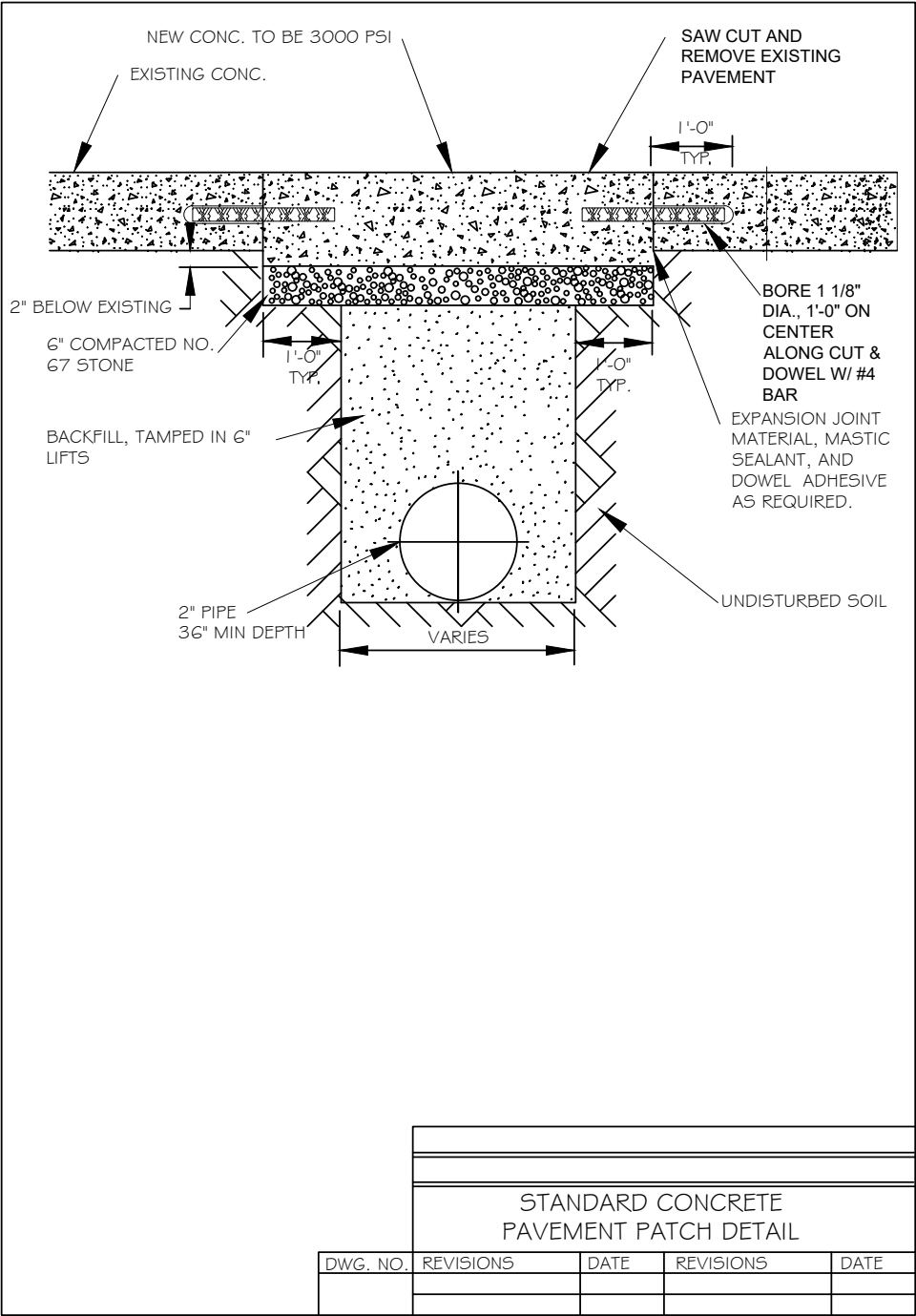
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OPEN TRENCH DETAILS

SCALE: N.T.S.



*****NOTE*****
UTILITY & R.O.W. REPRESENTED ON
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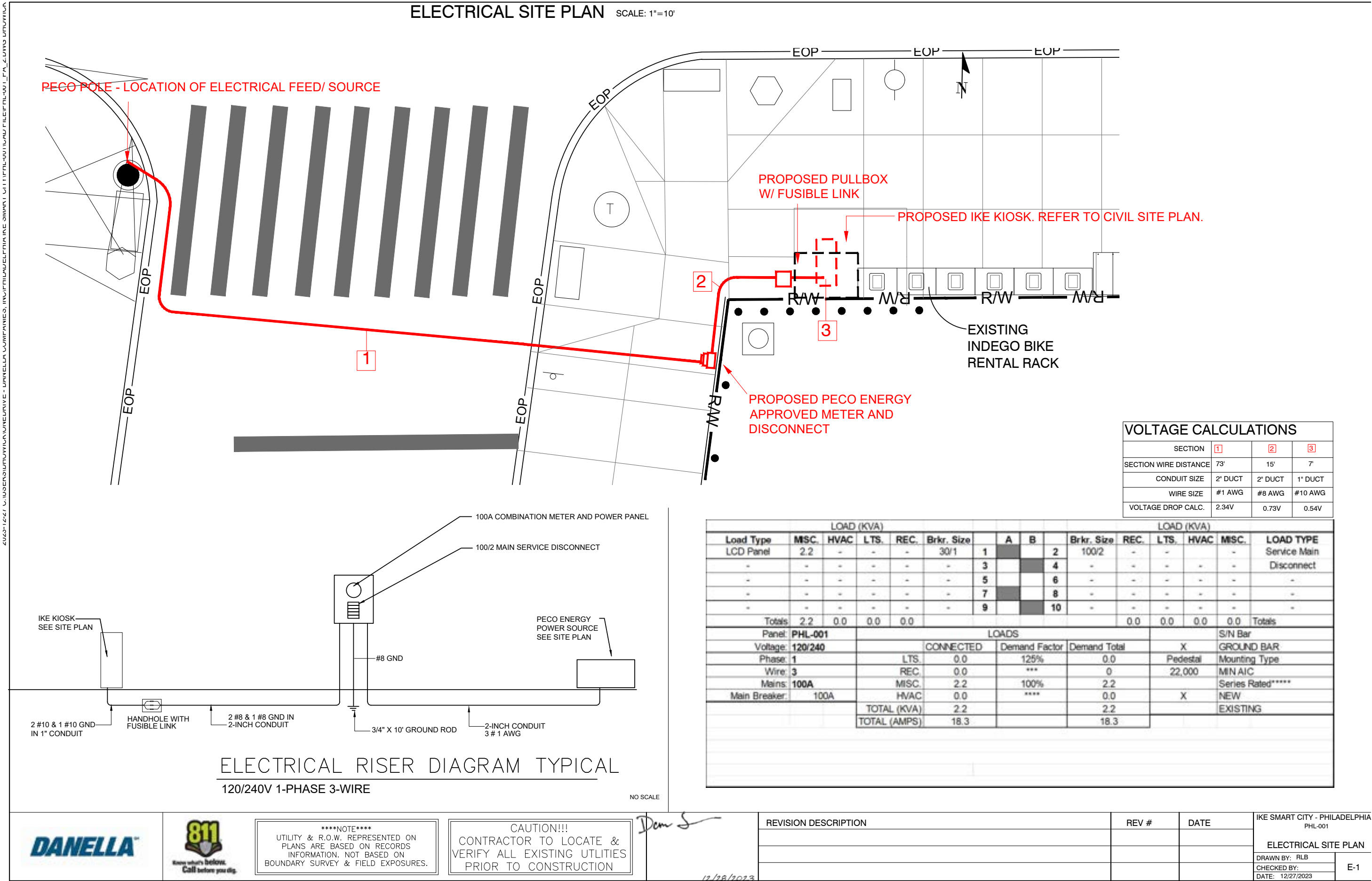
CAUTION!!!
CONTRACTOR TO LOCATE &
VERIFY ALL EXISTING UTILITIES
PRIOR TO CONSTRUCTION

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12/28/2023

REVISION DESCRIPTION	REV #	DATE	IKE SMART CITY - PHILADELPHIA PHL-001	
			CONSTRUCTION DETAILS	
			DRAWN BY: RLB	C-5
			CHECKED BY:	
			DATE: 12/01/2023	

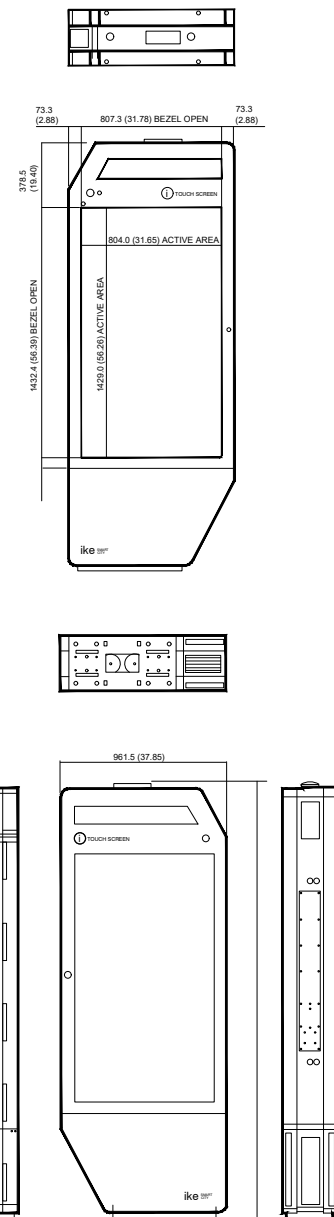
ELECTRICAL SITE PLAN SCALE: 1"=10'



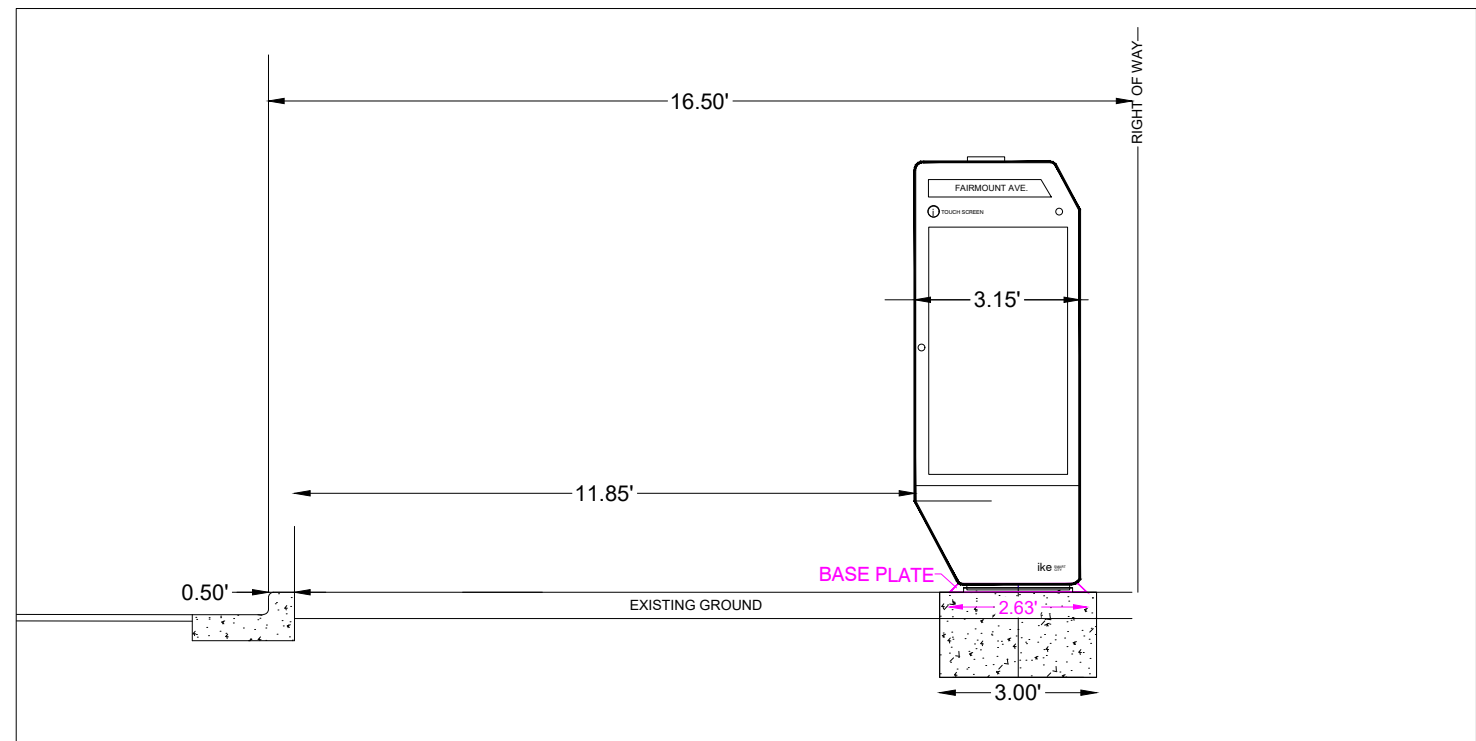
MODEL	CIO651DR5	
DISPLAY	LCD PANEL SIZE	65 INCHES LCD (X2)
	NATIVE RESOLUTION	1920 X 1080
	BACKLIGHT	LED
	DEFAULT COLOR TEMPERATURE	D65 (6500K)
	BRIGHTNESS (W/O GLASS)	4,000 NITS
	COLOR DEPTH	10 BITS
	CONTRAST RATIO	4000:1
	RESPONSE TIME (TYP.)	8MS
	VIEWING ANGLE	178DEG/ 178 DEG
	LIGHT LIFETIME (TYP.)	100,000 HRS
POWER	BLACKENING DEFECT FREE	UP TO 110 DEG C (230 DEG F)
	POLARIZED SUNGLASSES SUPPORT	YES
	PANEL SURFACE	AG HAZE 3% 2H
	POWER SUPPLY	INTERNAL
	RATED VOLTAGE	100-240V-50/60HZ
MECHANICAL SPECS	POWER ON MODE (TYP./MAX)	1400 W/ 2200W
	BEZEL WIDTH (B/L/R)	68.3 / 73.3 / 73.3 MM
	POWDER COATING MATERIAL	ASTM B117
	MONITOR DIMENSION (L X H X D)	2515.3 X 961.5 X 317.4 MM
	MONITOR WEIGHT	820 LBS
	OPTION WEIGHT	832 LBS
	TOUCH SCREEN	PCAP
	ORIENTATION	PORTRAIT
	KEY LOCK	YES
	AIRE VENT	TOP & BOTTOM
USER INTERFACE	GLASS	8MM LAMINATED TEMPERED GLASS
	LANGAUGE	ENGLISH
	SUPPORT SNMP (UP TO V3.0)	YES
	DIMMING CONTROL	YES
	IMAGE RETENTION PROTECTION	YES
INPUT	AMBIENT LIGHT SENSOR	YES
	POWER ON/OFF SCHEDULING	YES
	INTERNAL TEMPERATURE SENSOR	YES
	HDMI	X6(2180P)
OUTPUT	DISPLAY PORT	X2
	USB 3.0	X2
	MICRO SD SLOT	X2
EXTERNAL CONTROL	AUDIO	X2
	RS-232	IN X2
ENVIRONMENT	RJ-45	X 4 (LAN)
	OPERATING TEMPERATURE	-20 DEG F - 120 DEG F (-30 C-50 DEG C)
CERTIFICATION	STORAGE TEMPERATURE	-4F - 140 DEG F (-20 DEC C - 60 DEG C)
	HUMIDITY	5%-95% RH NON-CONDENSING
	NOISE LEVELS	65 db AT A HEIGHT OF 60 INCHES AN
	CE / FCC / RoHS	

DIMENSIONS

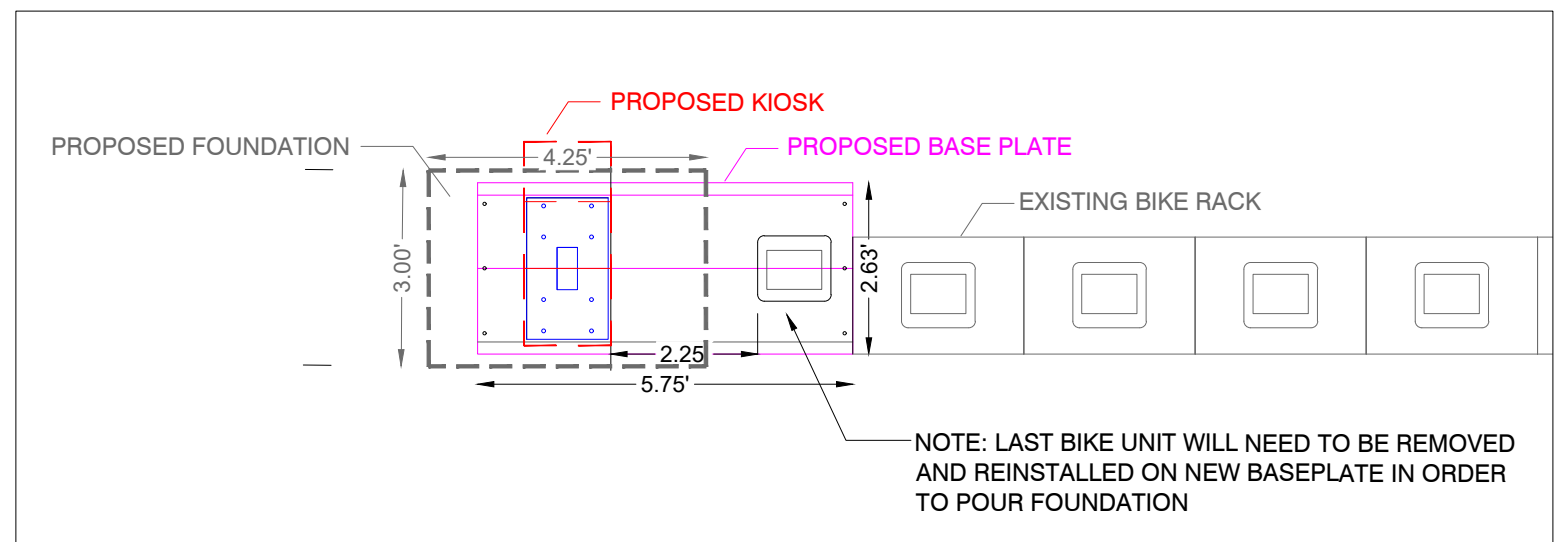
UNITS = MM (INCHES)



KIOSK CROSS SECTION WITH BASE PLATE



BIKE RACK BASE PLATE EXTENSION DETAIL



****NOTE****
UTILITY & R.O.W. REPRESENTED ON
PLANS ARE BASED ON RECORDS
INFORMATION. NOT BASED ON
BOUNDARY SURVEY & FIELD EXPOSURES.

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PRIOR TO CONSTRUCTION

REVISION DESCRIPTION

REV #

DATE _____

IKE SMART CITY - PHILADELPHIA
PHL-001

KIOSK DETAILS

DRAWN BY: RLB

CHECKED BY:
DATE: 12/27/2023

S-2



CINCINNATI, OH

Thank you

[IKEsmartcity.com](https://www.IKEsmartcity.com)

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PROVEN SUCCESS

MIAMI, FL

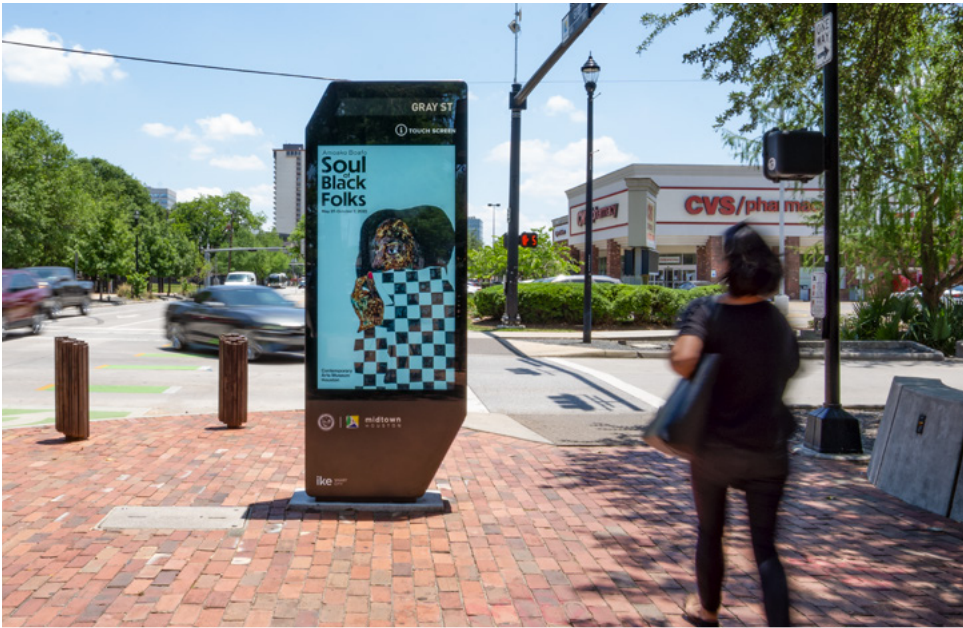


“As the City of Miami continues to evolve into one of the country’s leading technology hubs, we are so excited to add IKE digital kiosks to our rights-of-way to build on our commitment to smart city initiatives and reinforce our role as a progressive innovator.

MAYOR FRANCIS SUAREZ
CITY OF MIAMI

In April of 2020, the Miami City Commission approved a contract for IKE Smart City to install up to 150 kiosks citywide. **We worked closely with the utility company and the City of Miami to identify creative power sources for the kiosks.** These sources included existing power infrastructure such as streetlights and traffic control cabinets. Prior to install, the IKE team secured approvals from five separate community organizations including Wynwood, Coconut Grove, and the Downtown Development Authority.

HOUSTON, TX



“The City of Houston has a lot to offer residents and tourists. The IKE digital kiosks will be an exciting new amenity to help guide people in various directions to enjoy events, restaurants, and so much more.

FORMER MAYOR SYLVESTER TURNER
CITY OF HOUSTON

After releasing an RFP for interactive digital kiosks, and reviewing competitive submissions, the City of Houston awarded the project to IKE Smart City in November of 2020. In May of 2021, Houston City Council amended their restrictive sign code and approved a contract with us for the deployment of kiosks in 14 city districts. **We worked closely with City staff, City Council, and neighborhood associations to choose kiosk locations and placed 10% of the network in historically underserved communities.**

BALTIMORE, MD



“Baltimore selected IKE after thoroughly reviewing other options available on the market, and far and away they have a superior product. They also earned the contract because of the team’s product knowledge, customer service, and attention to detail.

LAUREN HAMILTON
CHIEF MARKETING OFFICER, DOWNTOWN PARTNERSHIP OF BALTIMORE

The City of Baltimore and Downtown Partnership of Baltimore (DPOB) selected us to deploy kiosks throughout Downtown Baltimore in 2018. IKE went live in 2019 with locations spanning the Bromo Arts District, Charles Center, Federal Hill, Inner Harbor, Mt. Vernon, and the University of Maryland. **We worked closely with DPOB on content integration, community messaging, and art programming.** IKE played a key role in the #ArtOfBaltimore campaign, an initiative led by DPOB in partnership with Maryland Art Place and the Bromo Arts District.

PROVEN SUCCESS (CONT.)

TEMPE, AZ



“These intelligent wayfinding kiosks will allow our street-level merchants to integrate digitally into the lives of downtown Tempe visitors. But beyond wayfinding, these kiosks will provide public transit updates, job boards, and social connections throughout downtown.

KATE BORDERS
FORMER EXECUTIVE DIRECTOR, DOWNTOWN TEMPE AUTHORITY

Downtown Tempe Authority, the City’s largest BID, chose IKE to replace static wayfinding throughout its boundaries, and to facilitate environmental initiatives with comprehensive air quality data. After launch, City Councilmember Lauren Kuby connected our team with Arizona State University scientists studying a correlation between air pollution and haboobs - violent and oppressive windstorms that blow in damaging sand from the desert. **Today, air quality data based on scientific research is a key feature displayed on all IKE kiosks.**

BERKELEY, CA



“The IKE team collaborated with our business improvement districts and Visit Berkeley to really understand the city and make sure constituents get the most use out of the program. We are thrilled to have IKE in Berkeley and look forward to our continued partnership with IKE.

JOHN CANER
CEO, DOWNTOWN BERKELEY ASSOCIATION

IKE Smart City entered into a franchise agreement with the City of Berkeley, CA for the deployment of IKE kiosks. We worked closely with Visit Berkeley, business improvement districts, and disability advocacy groups to refine kiosk offerings to meet the needs of all users. **This process led to our partnership with the National Federation of the Blind (NFB) to develop a best-in-class nonvisual access solution for IKE.** The NFB also invited us to present our developed solution to constituents at its 2021 Annual Seminar.

ATLANTA, GA



“As one city with one bright future, the installation of these IKE kiosks across the city demonstrates our commitment to connectivity. The IKE kiosks are informative, showcase the best our city has to offer to residents and visitors alike and further assist our efforts to move Atlanta forward.

MAYOR ANDRE DICKENS
CITY OF ATLANTA

Through an RFP process, the City of Atlanta’s Department of Information Management (AIM) selected IKE Smart City to install 120 kiosks with 25% placed in underserved areas. **We worked closely with the City on community initiatives, including promoting the Mayor’s Summer Youth Employment Program and the work of local artists.** The IKE network is live across the City of Atlanta, including Buckhead, Downtown, East Atlanta Village, Home Park, Inman Park, Midtown, Morningside-Lenox Park, Old Fourth Ward, and the West End.

EXPERIENCED IN SMART MOBILITY INITIATIVES

COLUMBUS, OH

In the City of Columbus, we extended our relationships with city partners to include Smart Columbus, winner of the USDOT Smart City Challenge and \$50 million in grant funding. **Smart Columbus chose IKE Smart City to deploy a kiosk network in support of its Smart City transportation plan.**

As such, IKE became the centerpiece of its new Smart Mobility Hubs, bringing electric to the right-of-way and offering a centralized place to:

- ▶ Access interactive trip planning with multimodal options
- ▶ Encourage use of shared mobility as first/last-mile solutions
- ▶ Help organize the streets from haphazard placement of vehicles by centralizing them in designated places

IKE Smart City has installed and continues to operate the Mobility Hub. We also handle all aspects of advertising sales to generate revenue that we share with our partner.

Our Smart Mobility Hub has been designed to be a flexible kit of parts that can be adapted for each location by bringing power to the right-of-way to include bike share docks and EV charging stations in addition to the IKE interactive kiosk.

We value our ongoing relationships with our partners to align smart infrastructure with community priorities including climate action, transportation planning, and equity.

INCREASING SALES THROUGH TARGETED STRATEGIES

PITTSBURGH, PA

Since taking over sales of scooter docking stations in Pittsburgh in 2021, we have grown sales revenue by 539% from \$87,553 to \$559,520 in 2022.

Instead of taking a “one-size-fits-all” approach to media sales, we use targeted strategies that leverage the unique benefits of our assets in each market. After acquiring digital inventory at scooter stations in Pittsburgh, our Sales team quickly identified that better showcasing of the premium locations available in the most sought-after areas of the city would drive revenue.



A COMMUNITY APPROACH TO DIGITAL ADOPTION

HOUSTON, TX

IKE Smart City is the first media company to receive permission to install digital advertising screens in the City of Houston.

Collaboration has been key to the successful deployment of the IKE network in Houston. After 25 kiosks went live and prior to a planned expansion, the City completed a performance review of IKE Smart City.

The IKE team worked closely with council members, management districts, local businesses, property owners, and community advocacy groups to ensure the first wave of the IKE network delivered upon their unique needs. From kiosk locations, neighborhood-driven cabinet branding, and customized on-screen content to local art partnerships and modified advertising category restrictions, every aspect of the IKE program in Houston reflects stakeholder input.

This diligent outreach, and revenue delivery that exceeded expectations, created advocacy for the program and resulted in community and administration support for an expansion. Upon the recommendation of the City Attorney, Vice Mayor, and Mayor, the expansion was formally approved in August 2022.

IKE Smart City has generated \$1.8MM in revenue and expects to increase these numbers by over 30% in 2023. Further, the public continues to recognize the benefits IKE provides to Houston communities, and we continue to use their feedback to make ongoing enhancements to the program.

“

IKE [Smart City] conducted stakeholder engagement with Downtown property owners adjacent to future IKE installations in the right-of-way to ensure there is support for the sign placement and public interface with the system. Many vendors promise collaboration, but IKE actually delivers with effective communications and project implementation.

LONNIE HOOGEBOOM

DIRECTOR OF PLANNING & DESIGN, HOUSTON DOWNTOWN MANAGEMENT DISTRICT

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