

RESOLUTION 50-17

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF TEQUESTA, FLORIDA, AUTHORIZING THE FLORIDA DEPARTMENT OF TRANSPORTATION TO PROCEED WITH THE ADMINISTRATION AND INSTALLATION OF TRAFFIC VIDEO IMAGE DETECTION CAMERAS, WHICH WILL BE OPERATED AND MAINTAINED BY PALM BEACH COUNTY, ON THE TRAFFIC CONTROL DEVICE ARM LOCATED AT THE INTERSECTION OF TEQUESTA DRIVE AND OLD DIXIE HIGHWAY WITHIN THE JURISDICTIONAL BOUNDARY OF THE VILLAGE OF TEQUESTA; AS APPROVED AND PROVIDED FOR IN THE PALM BEACH COUNTY METROPOLITAN PLANNING ORGANIZATION'S "TRAFFIC VIDEO IMAGE DETECTION CAMERA SYSTEM PROJECT"; PROVIDING AN EFFECTIVE DATE, AND FOR OTHER PURPOSES.

WHEREAS, the "Traffic Video Image Detection Camera System Project" (Project) is a county-wide project with camera locations throughout Palm Beach County which has been approved and funded by the Palm Beach County Metropolitan Planning Organization (MPO); and

WHEREAS, as part of the Project, the Florida Department of Transportation (FDOT) desires to administer the installation of traffic video image detection cameras on the traffic control device arm located at the intersection of Tequesta Drive and Old Dixie Highway; and

WHEREAS, Tequesta Drive is a Village of Tequesta right-of-way; and

WHEREAS, even though the traffic video image detection cameras on the traffic control device arm located at the intersection of Tequesta Drive and Old Dixie Highway will be operated and maintained by Palm Beach County, the approval of the Village of Tequesta for FDOT to proceed is required since Tequesta Drive is a Village of Tequesta right-of-way; and

WHEREAS, approval by the Village Council as set forth herein will impose no financial burden or impact upon the Village, but will simply serve to allow FDOT to install, and Palm Beach County to operate and maintain, the aforesaid traffic video image detection cameras on the traffic control device arm located at the intersection of Tequesta Drive and Old Dixie Highway; and

WHEREAS, the Village Council believes that such approval will serve the public health, safety and welfare, and will be in the best interest of the Village of Tequesta, as well as its residents, businesses and visitors.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF TEQUESTA, FLORIDA THAT:

Section 1. The foregoing recitals are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof.

Section 2. The Village of Tequesta hereby approves FDOT's request to proceed with the administration and installation of traffic video image detection cameras proposed for the traffic control device arm located at the intersection of Tequesta Drive and Old Dixie Highway as described herein and pursuant to the Project. The approved Project application is attached hereto as Exhibit "A".

Section 4. The Village Clerk is directed to provide a copy of this Resolution to FDOT and the MPO.

Section 5. This Resolution shall become effective immediately upon adoption.



Directions 2040: Categorical Funding Program 2014 Application for FY 2016-2020 Priorities

General Information:

Project Title: Traffic Video Image Detection Camera System

Project Sponsor (municipal, county, state, federal, or other agency): Palm Beach County

Contact Person: George Webb, P.E., County Engineer

Email: gwebb@pbcgov.org

Sponsor Address: 301 N. Olive Avenue

City: West Palm Beach

Zip: 33401

Priority (relative to other applications submitted by the Project Sponsor): Two (2)

Name of Applicant (If other than Project Sponsor): N/A

1 Project Categories with examples:

Check the appropriate category for the project.

☒ Transportation System Management Improvements

- i. Corridor Improvement: Paving unimproved rights of way, improving signal coordination, improving signage/DMS systems, reducing access points, increasing turning radii, adding turn lanes, installation of ITS equipment, complete streets, etc.
- ii. Intersection Improvement: Installing warranted traffic signals, improving bike and pedestrian safety, improving signal timing and/or detection hardware, improving turning radii, etc.

☐ Transit Improvements: New express bus service, new/extension of local bus service, new trolley service, increase local bus headways, bus purchase for new routes, bus shelter, etc.

☐ Non-Motorized Improvements: Widening or Restriping the roadway to provide designated bike lanes, adding shoulders, conducting detailed corridor studies to determine bike/pedestrian needs, construction of shared use pathway, etc.

☐ Freight Improvements

- i. Aviation Improvements: Roadway signage and landscaping surrounding the airport, cargo expansion, rehabilitation of taxiways, apron rehabilitation, etc.
- ii. Port Improvements: Intermodal rail improvements on and off the port, improvement of freight rail capacity, cargo/passenger service facility expansion, runway/rails for future cargo yards, etc.
- iii. Enhance or add road access to freight hubs, enhance the capacity of truck routes by either widening of roadways or doing operational improvements, etc.

2 Project Description:

D A location map with an aerial view is attached (Location_Map.pdf)

(a) What is the scope of work for the project?

O A more detailed scope of work is attached. (Scope.pdf or Scope.docx)

Install vehicle video detection camera systems at 100 mast-arm signalized intersections throughout Palm Beach County. The proposed camera system will replace the existing in-pavement loop detection system that is vulnerable to frequent damage and need for expensive and disruptive repair.

(b) Describe the project's existing Right-of-Way ownerships. Identify when the Right-of-Way was acquired, how ownership is documented (i.e. plats, deeds, prescriptions, certified surveys, easements), and any additional parcel(s) that will be required to implement the project.

x No Right-of-Way acquisition is proposed

D Temporary construction easement will be required

D Some proposed construction activities may require an easement

D Right-of-Way acquisition is required

The proposed system will be installed on existing signal infrastructure that is located within county-owned road right of way. All the proposed intersections' rights of way are owned by the county.

D Right-of-Way maps are attached (Right-of-Way_Map.pdf)

(c) Describe any related project work phases that are already complete or currently underway.

x This is not a phased project

D This is a phased project

D A more detailed phasing description is attached. (Phasing.pdf or Phasing.docx)

(Please type your description here)

(d) Provide conceptual project cost estimate.

x Cost estimate is attached (*Cost_Estimate.xlsx*)

The county has an annual signal contract that includes a price to provide and install the proposed camera system. The proposed project provides for the retrofitting of 100 intersections with a full 4-approach camera system at the current contract price. The total cost estimate is \$2,783,311.00.

- (e) Other specific project information that should be considered.

The existing inductive loop vehicle detection system is vulnerable to frequent damage due to variety of reasons. County crews and / or contractors are unable to keep up with the *ever* growing list of loops in need of repair. Because signal phases with bad loops are put on constant recall regardless of actual demand, running the signal system efficiently becomes almost impossible. Video detection systems don't have the same vulnerability because they are installed overhead and are accessed and controlled remotely. They are also much easier to maintain.

3 Project Implementation Information:

- (a) Describe any public (and private, if applicable) support of the proposed project. (Examples include: written endorsement, formal declaration, resolution, financial donations or other appropriate means).

(Please type your description here)

- (b) Describe the proposed ownership and maintenance responsibilities for the project when it is completed and provide a commitment from the owning entity to fund the continued operations and maintenance costs for the project.

Palm Beach County owns the signals upon which the new system will be installed. The County will assume ownership of the proposed system and its maintenance as part of the maintenance of the existing signal system.

- (c) Describe source of matching funds and any restrictions on availability.

N/A

- (d) Other specific implementation information that should be considered.

(Please type your description here)


5 Certification of Project Sponsor:

I hereby certify that the proposed project herein described is supported by Palm Beach County Government _____

(Agency name) and that said entity will: (1) provide any required funding match; (2) enter into a maintenance agreement with the Florida Department of Transportation; (3) comply with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions required for the project, (4) comply with NEPA process prior to construction, this may involve coordination with the State Historic and Preservation Office (SHPO) prior to construction (not at time of application); and (5) support other actions necessary to fully implement the proposed project. I further certify that the estimated costs are reasonable. I understand that significant increases in these costs and/or failure to follow through on the project once programmed in Palm Beach Metropolitan Planning Organization's Transportation Improvement Program (TIP) could cause the project to be removed from the TIP.

For Palm Beach MPO Use Only

Application Complete	DYes	DNo
Project Eligible	DYes	DNo
Implementation Feasible	DYes	ONo
Include in Work Program	DYes	ONo



 Signaturk

George Webb, P.E., County Engineer 7//9/14
 Nameffitle/Date (please type or print)

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Cost Estimate for Video Detection

ITEM#	PRODUCT NAME	QTY	PRICE	LINE TOTAL
630-1-13-2-2	2-2" (HOPE SDR 11) UNDERPAVEMENT CONDUIT (DIRECTIONAL BORE)	6000	\$11.50	\$69,000.00
786-1-12-12	VIDEO IMAGE DET 1 - CAMERA SYSTEM (ITERIS)	2	\$9,720.08	\$19,440.16
786-1-12-42	VIDEO IMAGE DET 4 - CAMERA SYSTEM (ITERIS)	101	\$23,028.43	\$2,325,871.43
	CONTROLLER UP GRADE	33	\$11,181.82	\$369,000.06
TOTAL				\$2,783,311.65

PROPOSED VIDEO DETECTION LOCATIONS

	INT NO	EW ST	NS ST	SIG TYP DESC	SIG OWNER	SIGNAL STATUS	SUPPORT STRUCTURE	NO. OF LEGS
1	2600	TEQUESTA DR	OLD DIXIE HWY	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
2	4600	INDIANTOWN RD	BLVD (fka Marsala Blvd)	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
3	4649	INDIANTOWN RD	FLA TURNPIKE	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
4	5020	TONEY PENNA DR	ALT A1A	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
5	5405	INDIAN CREEK PKWY	MAPLEWOOD DR	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
6	5408	INDIAN CREEK PKWY	GREENWAY DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
7	8907	DONALD ROSS RD	PARKSIDE DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
8	8909	DONALD ROSS RD	HEIGHTS BLVD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
9	8924	DONALD ROSS RD	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	7
10	9600	THE BENJAMIN SCHOOL GRANDIFLOR A RD	CENTRAL BLVD	2 SCHOOL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
11	11470	HOOD RD	CENTRAL BLVD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
12	11475	HOOD RD	MILITARY TR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
13	11480	HOOD RD	ALT A-1-A	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
14	12651	1-95/KYOTO GARDENS DR	MILITARY TR	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
15	12700	GARDENS PKWY	PROSPERITY FARMS RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
16	13000	GARDEN LAKES DR	MILITARY TR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
17	14280	PGA BLVD	AVENUE OF THE CHAMPIONS	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
18	14351	PGA BLVD	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
19	14352	PGA BLVD	1-95 NB OFF RAMP (RAMP F)	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	2
20	14370	KYOTO GARDENS DR	ALT A-1-A	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
21	14371	KYOTO GARDENS DR	LAKE VICTORIA GARDENS AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
22	14372	RAMPN	ALT A-1-A	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
23	14375	PGA BLVD	LAKE VICTORIA GARDENS AVE	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	5

	INT NO	EW ST	NS ST	SIG TYP DESC	SIG OWNER	SIGNAL STATUS	SUPPORT STRUCTURE	NO. OF LEGS
24	14380	LAKE VICTORIA GARDENS AVE	ALT A-1-A	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
25	14401	PGA BLVD	FAIRCHILD AVE/GARDENS AVE	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
26	14402	PGA BLVD	GARDENS MALL	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
27	14403	PGA BLVD	CAMPUS DR/KEW GARDENS AVE	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
28	14450	PGA BLVD	PROSPERITY FARMS RD	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
29	14475	PGA BLVD	ELLISON WILSON RD	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
30	15520	BURNS RD	P.B.G. MUNICIPAL COMPLEX	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
31	15540	BURNS RD	KIVICKOUE UTAWES I PARK DR	1 FULL SIGNAL	PBCO.	ACTIVE	MAST ARM	4
32	15556	BURNS RD	ALAMANDA DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
33	17290	NORTHLAKE BLVD	BEELINE HWY	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
34	17296	NORTHLAKE BLVD	CHRIST FELLOWSHIP CHURCH	1 FULL SIGNAL	PBCO.	ACTIVE	MAST ARM	4
35	17324	NORTHLAKE BLVD	KEATING DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
36	17325	NORTHLAKE BLVD	I-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	7
37	17330	NORTHLAKE BLVD	SANDTREE DR/SUNRISE DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
38	17550	LOWES	CONGRESS AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
39	19050	SILVER BEACH BLVD	CONGRESS AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
40	19190	CANOPY LN	CONGRESS AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
41	20090	BEELINE HWY	JOG RD	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
42	20100	BLUE HERON BLVD	MILITARY TR	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
43	20150	BLUE HERON BLVD	I-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	8
44	20400	BEELINE HWY	MILITARY TR	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
45	21095	13TH ST	OLD DIXIE HWY	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
46	21125	13TH ST	AVE E	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4

	INT NO	EW ST	NS ST	SIG TYP DESC	SIG OWNER	SIGNAL STATUS	SUPPORT STRUCTURE	NO. OF LEGS
47	22300	45TH ST	HAVERHILL RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
48	22375	45TH ST	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	8
49	22376	45TH ST	CORPORATE WAY	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
50	26020	PALM BEACH LAKES BLVD	ROBBINS DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
51	26021	PALM BEACH LAKES BLVD	WELLESLEY INN	1 FULL SIGNAL	PBCO.	ACTIVE	MAST ARM	2
52	26030	PALM BEACH LAKES BLVD	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	8
53	27225	CLEMATIS ST	QUADRILLE BLVD	1 FULL SIGNAL	PBCO.	ACTIVE	MAST ARM	4
54	27525	HIBISCUS ST	QUADRILLE BLVD	1 FULL SIGNAL	PB.CO.	ACTIVE	MAST ARM	4
55	27925	OKEECHOBEE BLVD	1-95 WEST	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
56	27926	OKEECHOBEE BLVD	1-95 EAST	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
57	29030	BELVEDERE ROAD	MAYACOO LAKES BLVD/WALMART	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
58	29230	BELVEDERE RD	COUNTRY CLUB RD/MORRISON FIELD RD	1 FULL SIGNAL	PB.CO.	ACTIVE	MAST ARM	4
59	29850	TURNAGE BLVD	AUSTRALIAN AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
60	30808	SOUTHERN BLVD	PIKE RD	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
61	30809	FL TURNPIKE	PIKE RD	1 FULL SIGNAL	PB.CO.	ACTIVE	MAST ARM	3
62	30812	SOUTHERN BLVD	FL TURNPIKE (EAST)	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	3
63	30815	SOUTHERN BLVD	CLEARY RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
64	30834	WALLIS RD	HAVERHILL RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
65	30880	SOUTHERN BLVD	LAKE OCH/ALH/OK CENTER	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
66	30890	SOUTHERN BLVD	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	6
67	31100	NOTTINGHAM BLVD	GEORGIA AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
68	31275	GUN CLUB RD	CONGRESS AVE	1 FULL SIGNAL	PB.CO.	ACTIVE	MAST ARM	4
69	32014	SUMMIT BLVD	PINE-JOG ELEM SCHOOL	2 SCHOOL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
70	33403	FOREST HILL BLVD	OLYMPIA AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4

INT NO		EW ST	NS ST	SIG TYP DESC	SIG OWNER	SIGNAL STATUS	SUPPORT STRUCTURE	NO. OF LEGS
71	34510	STRIBLING WAY	DONAHUE WAY/EQUESTRIAN MIDDLE/EMERALD COVE ELEM	2 SCHOOL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
72	37018	LAKE WORTH RD	FLORIDA TURNPIKE (WEST ENTRANCE)	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
73	37850	6TH AVES	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	6
74	40375	OCEAN AVE	FEDERAL HWY	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
75	41620	HYPOLUXO RD	LYONS RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
76	41625	HYPOLUXO RD	SMITH FARM BLVD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
77	41630	HYPOLUXO RD	HAGEN RANCH RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
78	42060	PARK VISTA HIGH SCHOOL	JOG RD	2 SCHOOL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
79	43845	GATEWAY BLVD	QUANTUM LANE	1 FULL SIGNAL	PBCO	ACTIVE	MAST ARM	4
80	43870	GATEWAY BLVD	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	6
81	45525	GATEWAY BLVD	RENAISSANCE COMMONS BLVD/HAMPTON INN	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
82	45598	BOYNTON BEACH MALL D	CONGRESS AVE	1 FULL SIGNAL	PB.CO.	ACTIVE	MAST ARM	4
83	45599	BOYNTON BEACH MALL E	CONGRESS AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
84	46500	WOOLBRIGHT RD	HAGEN RANCH RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
85	47480	WOOLBRIGHT RD	WINGFOOT DR	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
86	53174	WEST ATLANTIC AVE	1-95 WEST	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
87	53175	WEST ATLANTIC AVE	1-95 EAST	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
88	54310	SE 10TH STREET	SE 6TH AVE	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	3
89	55125	LINTON BLVD	1-95	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	7
90	55160	LINTON BLVD	FEDERAL HWY	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
91	55161	LINTON BLVD	A1A	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4

	INT NO	EW ST	NS ST	SIG TYP DESC	SIG OWNER	SIGNAL STATUS	SUPPORT STRUCTURE	NO. OF LEGS
92	56600	LINDELL BLVD	OLD DIXIE HWY	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
93	62510	GLADES RD	FLA TURNPIKE/BOCA GROVE RD	1 FULL SIGNAL	FOOT	ACTIVE	MAST ARM	4
94	64015	SW 3RD ST	LYONS RD	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
95	80125	AVE L	NW 12TH ST	1 FULL SIGNAL	PBCO	ACTIVE	MAST ARM	4
96	80415	AVEA	5TH ST	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
97	80418	AVE A	4TH ST	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
98	80450	SWAVE B PL	SW 5TH ST	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
99	80520	SWAVE E	10TH ST	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4
100	80540	SWAVE E	5TH ST	1 FULL SIGNAL	P.B.CO.	ACTIVE	MAST ARM	4