

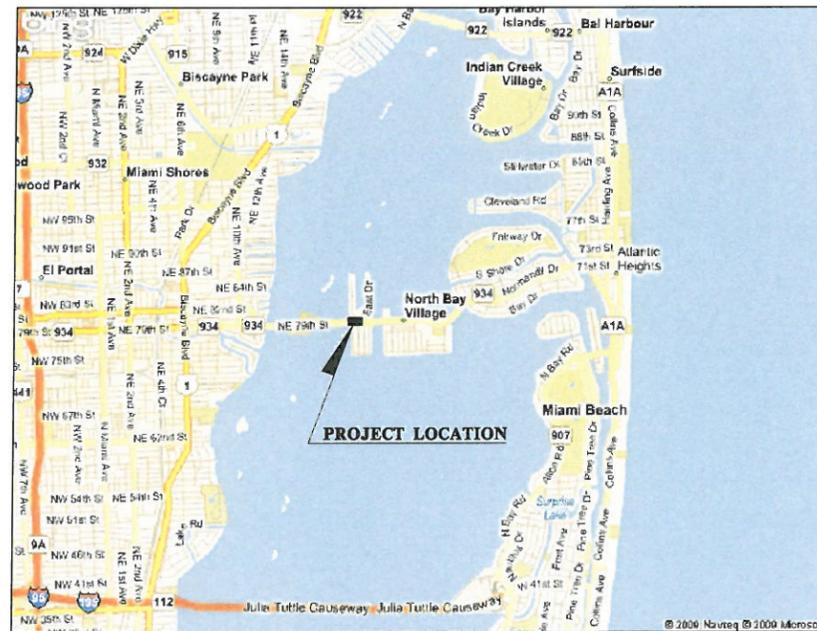
# JFK CAUSEWAY (79 STREET CAUSEWAY) IMPROVEMENTS PHASE I CITY OF NORTH BAY VILLAGE DADE COUNTY, FLORIDA

PROJECT No.	SHEET No.
1344-001	C1
CADD FILE	1344001C1

## INDEX OF SHEETS

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LOCATION MAP

JANUARY, 2010



MAYOR & COUNCIL:  
OSCAR ALFONSO  
REINALDO TRUJILLO  
GEORGE A. KANE  
FRANK RODRIGUEZ  
Dr. PAUL VOGEL

Interim City Manager: Robert Pushking

City Attorney: JOSEPH GELLER

City Clerk: YVONNE HAMILTON

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE COVERED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3, THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (LATEST EDITION).



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APPROVALS			
AGENCY	SUBMITTAL DATE	APPROVAL DATE	PERMIT NUMBER

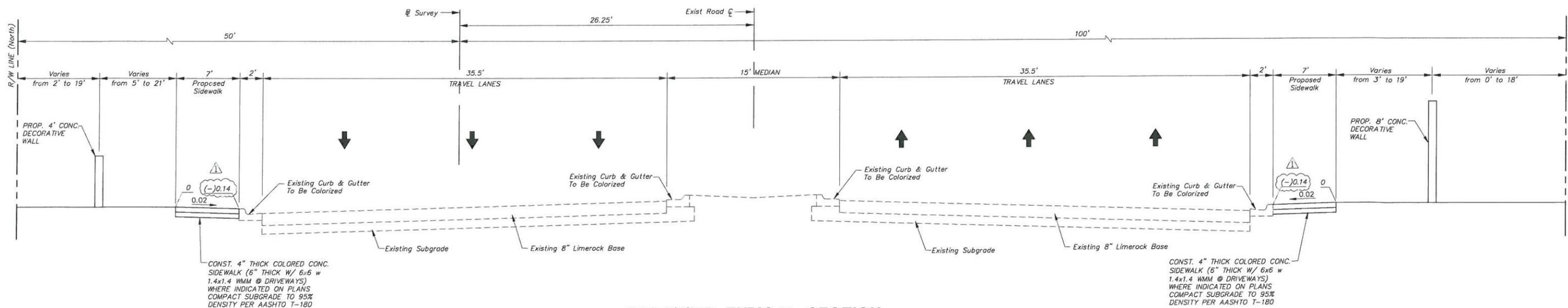


**CORZO CASTELLA CARBALLO THOMPSON SALMAN, P.A.**  
ENGINEERS • ARCHITECTS • PLANNERS  
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CORAL GABLES, FLORIDA 33134  
MIAMI (305)-445-2900 FLORIDA (800)-448-0227  
FL REGISTRATIONS: EB0005022 AAC002142

APPROVED BY

CARLOS M. HERDOCIA, P.E.  
REGISTERED ENGINEER NO. 47660  
STATE OF FLORIDA

DATE



**PROPOSED TYPICAL SECTION  
NORTH BAY / HARBOR ISLAND**

M.T.S.

**TRAFFIC DATA**

CURRENT YEAR: 2008 AADT = 30,500 (2 WAY)  
 K=9.09% D=55.75% T=9.61% (24 HOUR)  
 DESIGN SPEED= 45 MPH  
 POSTED SPEED= 30 MPH

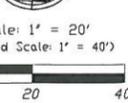
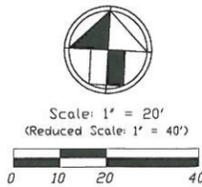
**GENERAL NOTES:**

- SODDING TO BE USED AT LOCATIONS WHERE EXISTING LAWNS OR SWALES ARE DISTURBED, AT CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
- ALL DISPOSAL OF MATERIALS, RUBBISH AND DEBRIS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT AND/OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.
- THE CONTRACTOR SHALL TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR PRIVATE. DURING THE FILLING OF EXCAVATION OF SUBSOIL MATERIAL OR DURING THE FILLING OF ANY AREA OR FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL PAVEMENT DIMENSIONS ARE TO LIPS OF GUTTER OR FACE OF CURB, AS APPLICABLE, UNLESS INDICATED OTHERWISE.
- ASPHALT, CONCRETE OR PAVER DRIVEWAYS ON PRIVATE PROPERTY ABUTTING RIGHT-OF-WAY WHICH ARE DAMAGED OR IMPACTED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.
- LOCAL RESIDENTS, PROPERTY OWNERS AND TENANTS WITHIN THE AREA OF CONSTRUCTION SHALL BE GIVEN ACCESS TO THEIR PROPERTY DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL REMOVE ANY EXISTING STRIPING THAT CONFLICTS WITH THE MAINTENANCE OF TRAFFIC DURING CONSTRUCTION AND PROVIDE ADEQUATE TEMPORARY SIGNING AND/OR STRIPING USING REFLECTORIZED PAINT.
- PAVED ASPHALT TEMPORARY PAVEMENT AND CONNECTIONS SHALL BE PROVIDED THROUGHOUT PROJECT, AS NEEDED AND DIRECTED BY THE ENGINEER TO MAINTAIN TRAFFIC AND ACCESS.
- TRAFFIC SHALL BE MAINTAINED ON DUST FREE ASPHALT SURFACE AT ALL TIMES.
- CONTRACTOR SHALL PRESERVE ALL STREET SIGNS, BENCHES, TRAFFIC CONTROL SIGNS, ETC. AS DIRECTED BY THE ENGINEER. WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REINSTALL OR DELIVER SAID PUBLIC PROPERTY TO THE VILLAGE OF KEY BISCAIYNE OR MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT.
- ALL STATIONS AND OFFSETS REFER TO BASE LINE OF SURVEY UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS BASED ON N.G.V.D.
- EXISTING LAND MARKERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REFERENCED AND RESET BY SURVEY PARTY ON PROJECT.
- UNLESS OTHERWISE INDICATED, ALL EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN.
- UTILITIES ARE TO BE REMOVED OR ADJUSTED BY OTHERS AS DIRECTED BY THE ENGINEER. UTILITY LOCATIONS AND ELEVATIONS ARE APPROXIMATE AND ARE TO BE VERIFIED BY THE UTILITY COMPANIES AND BY THE CONTRACTOR.
- THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO VERIFY EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES IN THE WORK AREA BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL UTILITY COMPANIES, NORTH BAY VILLAGE, AND OTHER CONTRACTORS TO MINIMIZE DISRUPTION OR INTERFERENCE TO THE CONTRACTOR'S WORK.
- CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION AND ELECTRICAL SUB-CONTRACTORS FOR THE INSTALLATION OF ANY NECESSARY SLEEVES UNDER THE PAVEMENT.
- PRIOR TO CONSTRUCTION AND EXCAVATION OF TREE HOLES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES, STRUCTURES, ETC. BY HAND EXCAVATION OR OTHER APPROPRIATE MEASURE TO DETERMINE IF THERE ARE ANY CONFLICTING UTILITIES. IF THE PLACEMENT OF THE TREES, WHERE SHOWN ON THE PLANS, ENCOUNTERS INTERFERING UNDERGROUND UTILITIES, THE CONTRACTOR, UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT, SHALL READJUST THE SPACING AS REQUIRED TO GIVE THE APPEARANCE TO MATCH DESIGN INTENT.
- CONTRACTOR SHALL REPLACE EXISTING WATER METER BOXES AND ADJUST EXISTING WATER METERS AS NEEDED. CONTRACTOR SHALL ADJUST OR REPLACE EXISTING ELECTRICAL AND SIGNAL PULL BOXES AS NEEDED. ASSOCIATED COSTS TO BE INCLUDED IN SIDEWALK BID ITEMS.
- CONTRACTOR SHALL COORDINATE WITH MIAMI DADE WATER AND SEWER DEPARTMENT AS NEEDED FOR THE ADJUSTMENT OF VALVE COVERS.
- ALL MANHOLES AND CATCH BASINS TO REMAIN IN ASPHALT OR CONCRETE AREAS SHALL BE ADJUSTED BY CONTRACTOR TO BE FLUSH WITH PROPOSED FINISH GRADE, BEFORE THE FINAL ASPHALT IS PLACED OR CONCRETE CAST.
- ALL FIRE HYDRANTS SHALL REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.
- ALL EXISTING PLANTER AREAS SHALL BE PRESERVED AS DIRECTED BY THE ENGINEER. IF DAMAGED, LANDSCAPING SHALL BE RESTORED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE. NO EXTRAS WILL BE ALLOWED FOR RESTORATION.
- CONTRACTOR SHALL CONSTRUCT 3/4" EXPANSION MATERIAL ADJACENT TO ALL NEW SIDEWALKS AND EXISTING WALLS, BUILDINGS, ETC. AS SHOWN ON PLANS.
- CONTRACTOR SHALL CAREFULLY SAW-CUT ANY ROOTS IN CONFLICT WITH CONSTRUCTION OF CURB, SIDEWALK, DRAINAGE OR UTILITIES. ROOTS TORN BY BACKHOE WILL NOT BE ALLOWED.
- CONTRACTOR SHALL MAINTAIN TRENCHING TO THE MINIMUM REQUIRED TO DO WORK TO AVOID DAMAGE TO TREES.
- RESIDENTS, PROPERTY OWNERS AND TENANTS ALONG PROJECT ROUTE SHALL RECEIVE MINIMUM SEVEN (7) DAY ADVANCE WRITTEN NOTIFICATION BY CONTRACTOR OF WORK TO BE PERFORMED IN FRONT OF THEIR PROPERTY.
- ALL SIDEWALK CLOSURES SHALL BE PROVIDED BY THE CONTRACTOR WITH PROPER PEDESTRIAN DIRECTIONAL DETOUR SIGNAGE, OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL DEVELOP MAINTENANCE OF TRAFFIC PLAN OF HIS OWN, MEETING THE REQUIREMENTS SPECIFIED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION AND THE FDOT INDEX 600 SERIES. THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLANS SHALL BE SUBMITTED TO FDOT FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION. THE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.

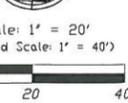
**ENVIRONMENTAL NOTES:**

- THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH THE DEPARTMENT'S ENVIRONMENTAL PERMITS COMPLIANCE MONITOR DURING THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE DISTRICT ENVIRONMENTAL COMPLIANCE MONITOR AT (305) 470-5220 AT LEAST 72 HOURS PRIOR TO STAGING. AT THE END OF THE PROJECT, THE STAGING-AREAS WILL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER, AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE CONTRACTOR SHALL MAINTAIN APPROPRIATE SKIMMERS AND ABSORBENT MATERIAL AT THE WORK AREA FOR IMMEDIATE DEPLOYMENT IN THE EVENT OF AN ACCIDENTAL SPILL.
- THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF THE ENVIRONMENTAL PERMITS WHICH ARE A PART OF THIS PROJECT. PAYMENT FOR PERMIT RELATED WORK SHALL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
- THE PROJECT CORRIDOR IS LOCATED IN THE VICINITY OF BISCAIYNE WATERWAY, WHICH IS DESIGNATED AS OUTSTANDING FLORIDA WATERS. THEREFORE, NO DEGRADATION OF WATER QUALITY SHALL BE PERMITTED. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING THE DISCHARGE OF FOREIGN MATTER INTO AND/OR INCREASING THE TURBIDITY OF THE WATER. APPROPRIATE SEDIMENT CONTROL MEASURES SHOULD BE INSTALLED TO COMPLETELY ENCAPSULATE THE WORK AREA DURING CONSTRUCTION ACTIVITIES AND THE TURBIDITY LEVELS BEYOND THE CONTROL MECHANISMS ARE NOT ALLOWED TO EXCEED NATURAL BACKGROUND LEVELS.
- THE CONTRACTOR IS PROHIBITED FROM ALLOWING BRIDGE FRAGMENTS OR DEBRIS BEING DISPOSED INTO THE WATER. THE CONTRACTOR WILL PREVENT TO THE MAXIMUM EXTENT PRACTICABLE ANY DEBRIS OR FRAGMENT GENERATED DURING DEMOLITION AND CONSTRUCTION ACTIVITIES FROM ENTERING THE WATERWAY. ANY MATERIAL THAT ENTERS THE CANAL WILL BE REMOVED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE NEXT PHASE OF CONSTRUCTION. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.
- WEST INDIAN MANATEES (*TRICHECHUS MANATUS LATIROSTRIS*) MAY MIGRATE THROUGH THE PROJECT AREA. THE WEST-INDIAN MANATEE IS A FEDERAL AND STATE LISTED ENDANGERED SPECIES PROTECTED BY THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS REGARDING ENDANGERED SPECIES, AND THE FDOT ENDANGERED SPECIES SPECIAL PROVISIONS. THE CONTRACTOR SHALL POST TEMPORARY SIGNS ON SITES CONCERNING MANATEES ORIGIN TI ADD DYRUBG AKK CIBSTRYCTUIB ACTUVUTJUES, AND REMOVE ALL SIGNS UPON COMPLETION OF THE PROJECT. THE CONTRACTOR MUST POST A SIGN(S) MEASURING AT LEAST 3 BY 4 FEET THAT READS "CAUTION: MANATEE AREAS" IN A LOCATION PROMINENTLY VISIBLE TO WATER-RELATED CONSTRUCTION CREWS. IF VESSELS ARE ASSOCIATED WITH THE CONSTRUCTION AREA, ADDITIONAL SIGNAGE SHALL BE DISPLAYED NEXT TO THE CONTROLS ON ALL CONSTRUCTION-RELATED VESSELS, MEASURE AT LEAST 8.5 X 11 INCHES AND READ "CAUTION: MANATEE HABITAT". THE COST OF PROVIDING AND REMOVING ALL ITEMS REQUIRED FOR THE MONITORING AND PROTECTION OF MANATEES, SUCH AS, BUT NOT LIMITED TO MANATEE SIGNS, POLARIZED GLASSES, BINOCULARS, MANATEE OBSERVER AND CERTIFIED TRAINING SHALL BE INCLUDED UNDER PAY ITEM 101-1, MOBILIZATION.

<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1. AS PER FDOT COMMENTS</td> <td>4-15-10</td> </tr> <tr> <td>2.</td> <td></td> </tr> <tr> <td>3.</td> <td></td> </tr> <tr> <td>4.</td> <td></td> </tr> </tbody> </table>		REVISIONS	DATE	1. AS PER FDOT COMMENTS	4-15-10	2.		3.		4.		APPROVED BY: CARLOS M. HERDOCIA, P.E. LICENSED ENGINEER NO. 47660 STATE OF FLORIDA DATE:		DATE: 9/9/09 DRAWN: RM DESIGNED: CH CHECKED: RC QC: RC CADD FILE: 1344-001		CITY OF NORTH BAY VILLAGE	JF KENNEDY CAUSEWAY (79 STREET CAUSEWAY) IMPROVEMENTS PHASE I	SHEET NO. 1344-001 C2
REVISIONS	DATE																	
1. AS PER FDOT COMMENTS	4-15-10																	
2.																		
3.																		
4.																		



Scale: 1" = 20'  
(Reduced Scale: 1" = 40')



**LEGEND**

- |  |                             |  |                                  |
|--|-----------------------------|--|----------------------------------|
|  | Center Line                 |  | Existing Fire Hydrant            |
|  | Right of Way Line           |  | Exist. Telephone Manhole         |
|  | Prop. Colored Curb & Gutter |  | Exist. Sanitary Sewer Manhole    |
|  | Prop. Colored Type 'D' Curb |  | Exist. Light Pole w/ Pull Box    |
|  | Prop. Driveway              |  | Exist. Up-Lights                 |
|  | Prop. Handicap Ramp         |  | Exist. Concrete Pole             |
|  | Exist. Curb & Gutter        |  | Exist. Overhead Wire             |
|  | Existing Catch Basin        |  | Exist. Edge of Pavement (E.O.P.) |
|  | Existing Gate Valve         |  | Existing Sign                    |
|  |                             |  | Existing Trees                   |

**CONSTRUCTION NOTE:**

Location of existing facilities as shown on construction drawings are from available records. The Engineer assumes no responsibility for the accuracy of the facilities shown or for any facility not shown. Verify the elevation, type of pipes and location of existing facilities prior to construction. If an existing facility is found to conflict with the proposed construction upon excavation the contractor shall immediately notify the engineer of record so that appropriate measures can be taken to resolve the problem. Contractor to notify North Bay Village and Sunshine State One Call of Florida, Inc. @ 1-800-432-4770 at Least Forty Eight (48) Hours Prior to Excavating. Evidence of such notice shall be furnished to C3TS prior to excavating.



**NOTE:**

- REFER TO LANDSCAPE PLANS FOR REMOVAL AND/OR RELOCATION OF EXISTING TREES
- REFER TO LIGHTING MODIFICATION PLANS FOR RELOCATION OF EXISTING LIGHT POLES
- REFER TO ARCHITECTURAL PLANS FOR COLOR & TEXTURE OF CONCRETE

Point #	Raw Description	Northing	Easting
1	Exist. Light Pole	10000.00	10000.00
2	4' Wall Geometry	10012.16	10022.60
3	4' Wall Geometry	10015.17	10034.48
4	4' Wall Geometry	10015.56	10100.96
5	4' Wall Geometry	10018.63	10141.96
6	4' Wall Geometry	10024.74	10195.15
7	4' Wall Geometry	10026.49	10265.26
8	4' Wall Geometry	10026.00	10306.04
9	4' Wall Geometry	10022.93	10372.42
10	4' Wall Geometry	10036.97	10414.17
11	4' Wall Geometry	10040.52	10420.08
12	4' Wall Geometry	10045.91	10579.19
13	4' Wall Geometry	10045.35	10598.89
14	4' Wall Geometry	10048.31	10621.51
15	4' Wall Geometry	10045.98	10692.46
16	4' Wall Geometry	10047.21	10729.95

Point #	Raw Description	Northing	Easting
17	4' Wall Geometry	10044.81	10764.47
18	4' Wall Geometry	10050.70	10809.33
19	4' Wall Geometry	10046.58	10880.54
20	4' Wall Geometry	10056.36	10905.46
21	8' Wall Geometry	9875.79	9970.92
22	8' Wall Geometry	9893.33	9970.17
23	8' Wall Geometry	9893.72	9980.16
24	8' Wall Geometry	9888.47	10034.13
25	8' Wall Geometry	9890.59	10059.05
26	8' Wall Geometry	9895.12	10107.58
27	8' Wall Geometry	9886.07	10208.48
28	8' Wall Geometry	9886.53	10220.74
29	8' Wall Geometry	9890.59	10264.55
30	8' Wall Geometry	9889.85	10342.73
31	8' Wall Geometry	9892.05	10375.14
32	8' Wall Geometry	9893.47	10405.38

Point #	Raw Description	Northing	Easting
33	8' Wall Geometry	9891.40	10430.53
34	8' Wall Geometry	9891.99	10443.69
35	8' Wall Geometry	9900.28	10551.03
36	8' Wall Geometry	9900.49	10568.94
37	8' Wall Geometry	9907.21	10593.43
38	8' Wall Geometry	9912.65	10632.14
39	8' Wall Geometry	9910.29	10693.94
40	8' Wall Geometry	9910.19	10714.76
41	8' Wall Geometry	9911.05	10772.64
42	8' Wall Geometry	9912.61	10834.84
43	8' Wall Geometry	9916.63	10875.43
44	8' Wall Geometry	9930.75	10968.36
45	8' Wall Geometry	9927.48	11027.65
46	PROP. SIGN	10040.86	10490.53
47	BUS STOP	10041.10	10590.75
48	BUS STOP	10041.88	10611.66

Point #	Raw Description	Northing	Easting
49	BUS STOP	9896.48	10383.09
50	BUS STOP	9899.26	10403.99
51	PROP. SIGN	9907.51	10494.60
52	Crosswalk	9914.18	10445.48
53	Crosswalk	10018.70	10441.57
54	Crosswalk	10028.70	10446.91
55	Crosswalk	10030.83	10462.04
56	Crosswalk	10031.95	10500.59
57	Crosswalk	10034.18	10537.44
58	Crosswalk	10033.01	10538.44
59	Crosswalk	9921.00	10542.62
60	Crosswalk	9919.75	10541.45
61	Crosswalk	9917.66	10505.42
62	Crosswalk	9916.33	10482.62
63	Crosswalk	9911.65	10435.55
64	Crosswalk	10011.87	10431.82

Point #	Raw Description	Northing	Easting
65	Crosswalk	10038.77	10447.64
66	Crosswalk	10040.77	10480.88
67	Crosswalk	10041.97	10500.80
68	Crosswalk	10044.05	10534.97
69	Crosswalk	10028.63	10548.61
70	Crosswalk	9927.01	10552.41
71	Crosswalk	9909.41	10536.02
72	Crosswalk	9908.01	10511.77
73	Crosswalk	9906.01	10477.33
74	Crosswalk	9904.46	10450.69
75	Crosswalk	10036.02	10929.17
76	Crosswalk	10040.65	10998.75
77	Crosswalk	10046.67	10937.21
78	Crosswalk	10050.12	10990.29

**GEOMETRY PLAN**

REVISIONS	DATE
1. AS PER FDOT COMMENTS	4-15-10
2.	
3.	
4.	

APPROVED BY:  
CARLOS M. HERDOCIA, P.E.  
LICENSED ENGINEER NO. 47660  
STATE OF FLORIDA  
DATE:

**CORZO CASTELLA CARBALLO THOMPSON SALMAN, P.A.**  
ENGINEERS • ARCHITECTS • PLANNERS  
901 PONCE DE LEON BLVD., SUITE 900  
CORAL GABLES, FLORIDA 33134  
MIAMI (305)-445-2900 FLORIDA (800)-448-0227  
FL REGISTRATIONS: EB0005022 AAC002142

DATE: 9/9/09  
DRAWN: RM  
DESIGNED: CH  
CHECKED: RC  
QC: RC  
CADD FILE: 1344-001



**CITY OF NORTH BAY VILLAGE**

**JF KENNEDY CAUSEWAY  
(79 STREET CAUSEWAY)  
IMPROVEMENTS PHASE I**

SHEET NO.  
**C5**  
1344-001



Scale: 1" = 20'  
(Reduced Scale: 1" = 40')



63+00

64+00

65+00

66+00

67+00

68+00

69+00

**J.F.K. CAUSEWAY (79 ST. CAUSEWAY)**

EAST END OF BRIDGE ENTERING HARBOR ISLAND

Begin Project Sta. 63+33.83

NORTH BAY ISLAND

HARBOR ISLAND DR

**NOTES:**

1. All Pavement Markings, Messages & Arrows Shall be Thermoplastic Unless Otherwise Noted.
2. Pavement Markings Shall Be Placed as Shown in the Plans and Traffic Design Standards.
3. Reflective Pavement Markers are To Be Placed along the entire length of the project as per F.D.O.T. Index No. 17352
4. Match Existing Pavement Markings at the Beginning and at the End of the Project and at all side Streets without Jogs or Offsets.
5. All Pavement Arrows Shall be per F.D.O.T. Index 17346
6. All Existing Pavement Markings which Conflict with New Markings Shall be Removed By Grinding Process.
7. All Pavement Markings and Signs Shall comply with the Manual of Uniform Traffic Control Devices Standards.
8. All Existing Signs in Conflict with Proposed Construction are to be Salvaged by Contractor Unless Otherwise Noted on Plans.
9. The cost of temporary striping, as needed and directed by the Engineer, prior to 30 day asphalt cure, shall be included in the cost of the permanent thermoplastic markings.
10. Install Detectable Warning Surfaces on All existing and proposed pedestrian ramps.



**PAVEMENT MARKING PLAN**

REVISIONS	DATE
1. AS PER FDOT COMMENTS	4-15-10
2.	
3.	
4.	

APPROVED BY:  
CARLOS M. HERDOCIA, P.E.  
LICENSED ENGINEER NO. 47660  
STATE OF FLORIDA  
DATE:



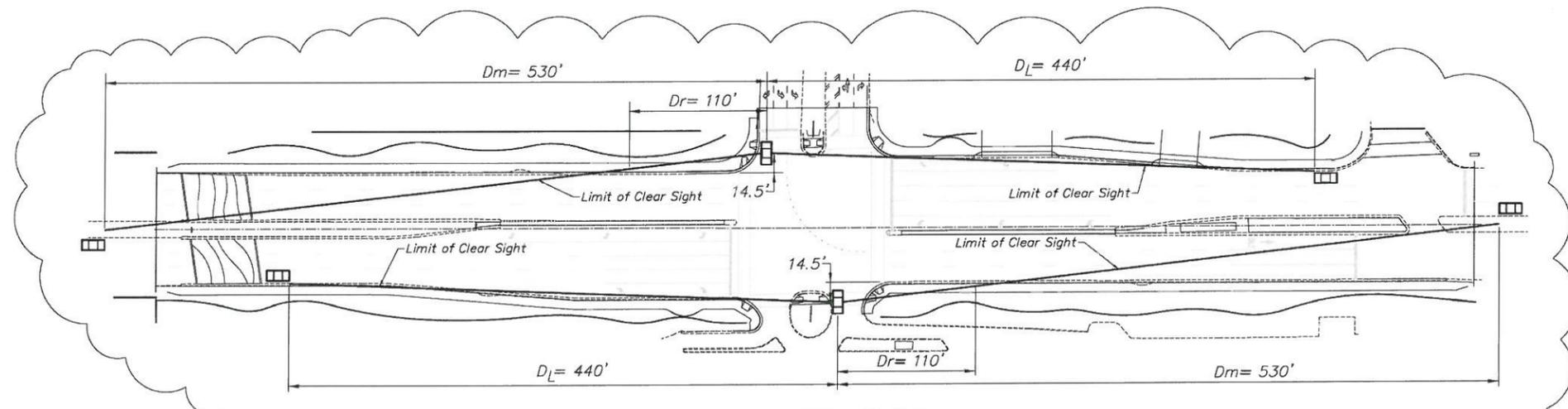
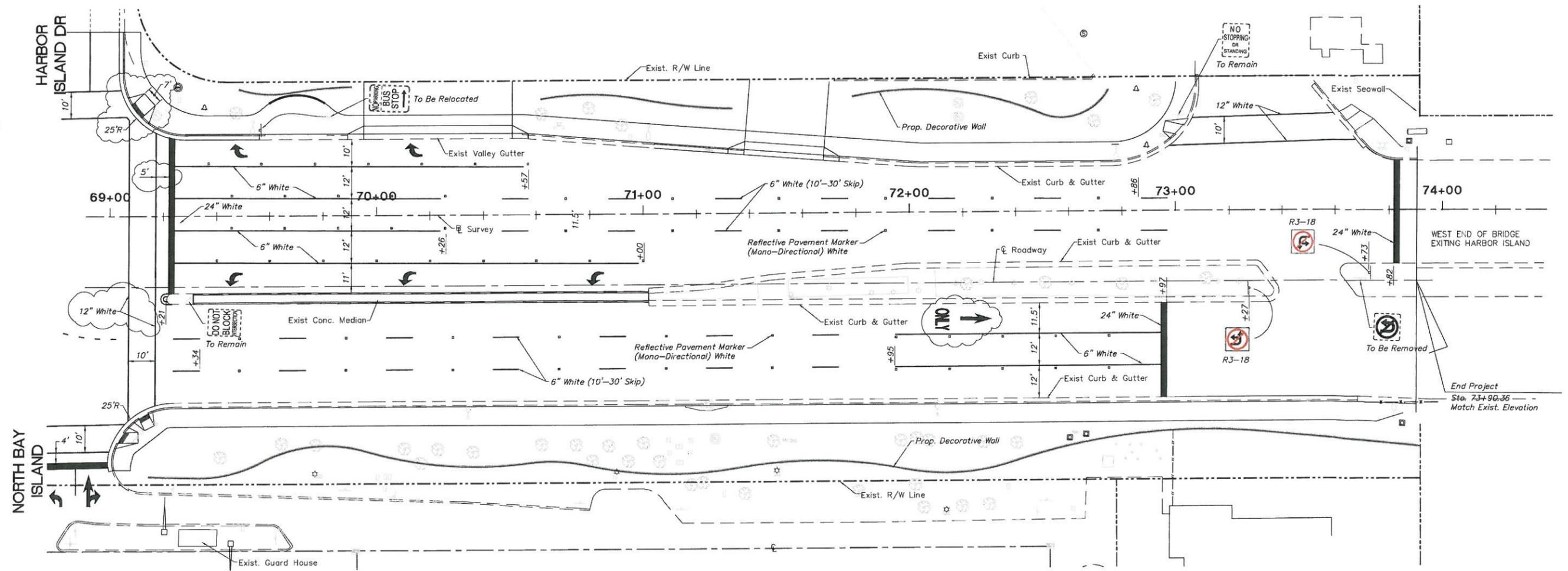
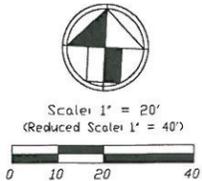
DATE: 9/9/09  
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DESIGNED: CH  
CHECKED: RC  
QC: RC  
CADD FILE: 1344-001



CITY OF NORTH BAY VILLAGE

JF KENNEDY CAUSEWAY  
(79 STREET CAUSEWAY)  
IMPROVEMENTS PHASE I

SHEET NO.  
1344-001  
**C9**



DESIGN SPEED= 45 M.P.H.  
 ALL SIGHT DISTANCE ARE AS PER F.D.O.T. INDEX No. 546  
**SIGHT DISTANCE AT INTERSECTION**  
 Scale: 1"=60' (Reduce Scale: 1"=120')

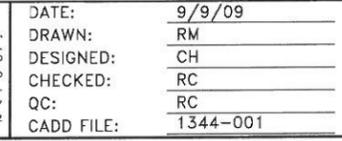
**PAVEMENT MARKING PLAN**



REVISIONS	DATE	APPROVED BY:
1. AS PER FDDT COMMENTS	4-15-10	CARLOS M. HERDOCIA, P.E.
2.		LICENSED ENGINEER NO. 47660
3.		STATE OF FLORIDA
4.		DATE:

CORZO CASTELLA CARBALLO THOMPSON SALMAN, P.A.  
 ENGINEERS-ARCHITECTS-PLANNERS  
 901 PONCE DE LEON BLVD., SUITE 900  
 CORAL GABLES, FLORIDA 33134  
 MIAMI (305)-445-2900 FLORIDA (800)-448-0227  
 FL REGISTRATIONS: EB0005022 AAC002142

DATE: 9/9/09  
 DRAWN: RM  
 DESIGNED: CH  
 CHECKED: RC  
 QC: RC  
 CADD FILE: 1344-001



**CITY OF NORTH BAY VILLAGE**

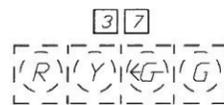
**JF KENNEDY CAUSEWAY  
 (79 STREET CAUSEWAY)  
 IMPROVEMENTS PHASE I**

SHEET NO.  
**C10**  
 1344-001

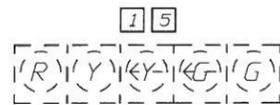
DETAIL OF SIGNAL HEADS



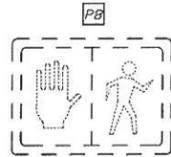
ITEM No. 690-10  
(5 EXISTING)  
(TO BE REMOVED)



ITEM No. 690-10  
(1 EXISTING)  
(TO BE REMOVED)



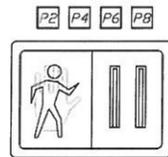
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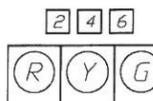
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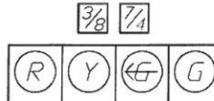
(2 EXISTING)  
(TO BE RELOCATED)  
(1 EXISTING)  
(TO REMAIN)



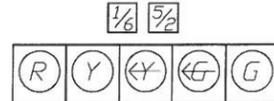
PEDESTRIAN COUNTDOWN SIGNAL  
ITEM No. 653-191  
(8 REQ'D)



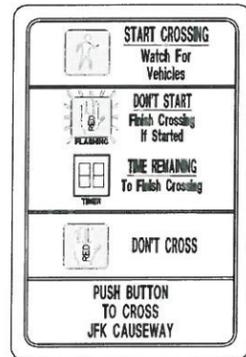
ITEM No. 650-51-311  
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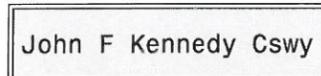
ITEM No. 650-51-411  
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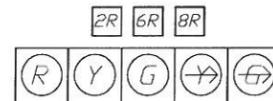
ITEM No. 650-51-511  
(2 Required)



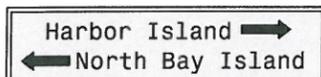
R10-3n  
To be Included in the Cost  
of Item No. 665-11  
(4 REQ'D)



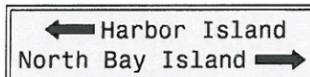
D3-1S  
699-1-1A  
ILLUMINATED STREET SIGN  
(2 REQ'D)



ITEM No. 650-51-511  
(3 Required)



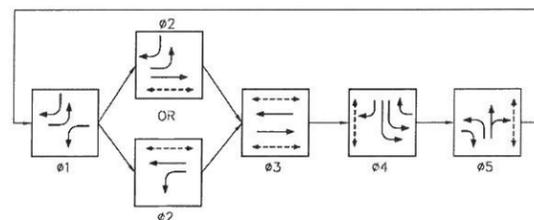
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ILLUMINATED STREET SIGN  
(1 REQ'D)



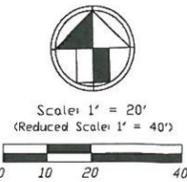
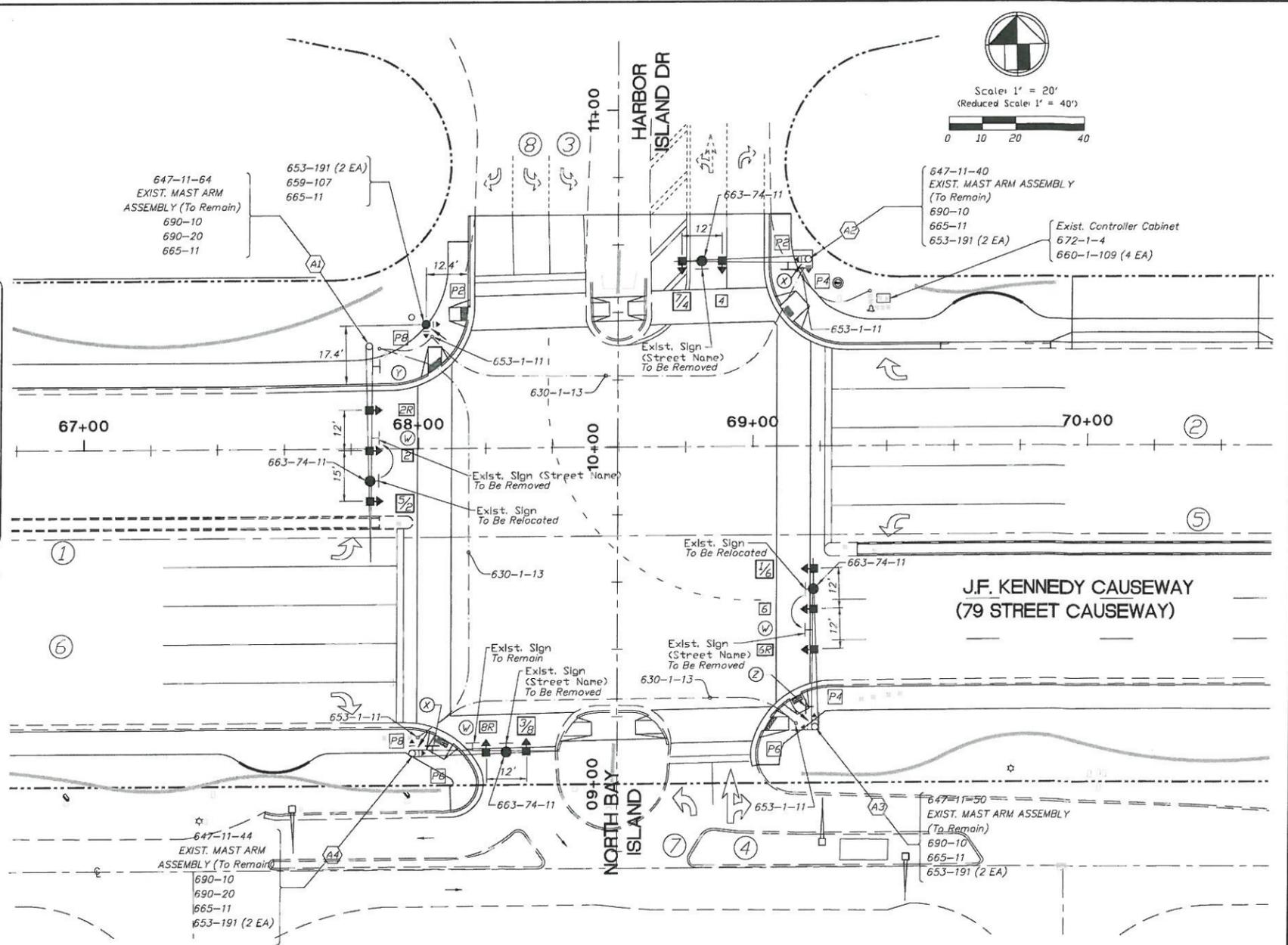
D3-1S  
699-1-1A  
ILLUMINATED STREET SIGN  
(1 REQ'D)

DETECTORS FOR LOOPS

MVMT No.	No. OF LOOPS	No. OF DETS.
1	CAMERA	1
5	CAMERA	1
3	CAMERA	1
8		
4	CAMERA	1
7		



SIGNAL OPERATION PLAN



NOTES:

1. THE DEMAND WATTAGE FOR THIS INTERSECTION IS 403 WATTS.
2. REMOVE ALL PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS AND SIGNS IN CONFLICT WITH THIS PLAN.
3. REMOVE EXISTING SIGNAL EQUIPMENT AND RETURN UNDAMAGED TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT, SIGNAL AND SIGNS DIVISION (7100 N.W. 36 ST)
4. SIGNAL TIMING SHALL BE PROVIDED BY MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT.
5. PAVEMENT MARKING ARE SHOWN FOR INFORMATION ONLY. SEE SIGNING & PAVEMENT MARKING PLANS.

CONTROLLER OPERATIONS

1. MAJOR STREET IS J.F. Kennedy Cswy, MINOR STREET IS Harbor Island Dr./ North Bay Island
2. SIGNAL OPERATING PLAN AS SHOWN
3. PHASE(S) 1, 2, 4 & 5 ACTUATED, PHASE 3 RECALL
4. MOVEMENT(S) 1 & 5 IS(ARE) PROTECTED/PERMISSIVE
5. SIGNAL COORDINATION PHASE IS 3
6. FLASHING OPERATION: J.F. Kennedy Cswy YELLOW; Harbor Island Dr./ North Bay Island RED

SIGNALIZATION PLAN  
INT. ID# 3015

REVISIONS	DATE	APPROVED BY:
DESCRIPTION		
1.		CARLOS M. HERDOCIA, P.E. LICENSED ENGINEER NO. 47660 STATE OF FLORIDA DATE:
2.		
3.		
4.		

**C3TS** CORZO CASTELLA CARBALLO THOMPSON SALMAN, P.A.  
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901 PONCE DE LEON BLVD., SUITE 900  
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CITY OF NORTH BAY  
VILLAGE

JF KENNEDY CAUSEWAY  
(79 STREET CAUSEWAY)  
IMPROVEMENTS PHASE I

SHEET NO.  
1344-001  
**SP-1**



