

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)

ADDENDUM NO. 4
September 30, 2022

PROJECT: Roadway Improvements to NE 151 Street from East of Railroad Tracks to Bay Vista Boulevard.
Project No. 20210092

BID DUE DATE: October 5, 2022; 02:00 P.M.

FROM: Miami-Dade County DTPW
Capital Improvements Division
111 NW First Street, 14th Floor
Miami, FL 33128
305.375.2930

TO: Prospective Bidders and Interested Parties

This Addendum forms part of the project solicitation documents and will be incorporated into the Contract Documents, as applicable. Insofar as the Original Contract Documents, Drawings and Specifications are inconsistent, this Addendum shall govern. Please acknowledge receipt of this Addendum, at the time of bid submittal to Miami-Dade County, in the space provided on the "Acknowledgement of Addenda Form" provided with the project solicitation documents. Failure to acknowledge receipt of all addenda may be cause for disqualification.

CHANGES TO THE PLANS:

A. Volume IV - ENGINEERING DRAWINGS.

1. Changes have been detailed on the attached "Memo for Addendum No. 4". Changes performed are enclosed in revision clouds in the attached "Revised Sheets for Addendum No. 4".

END OF ADDENDUM NO.4



Alfredo E. Muñoz, P.E.

Chief, Capital Improvements Division

Department of Transportation and Public Works (DTPW)

AM:kf

cc: Barbara Mesa, DTPW	Fabiana Gonzalez, PE, DTPW	Alejandro Barrios, DTPW
Katherine Fernandez, DTPW	Jackeline Fusel, ISD	Clerk of the Board
Miguel Soria, PE, DTPW	Marcia Martin, ISD	Project File



R.J.Behar & Company, Inc.
Engineers • Planners

6861 SW 196 Avenue, Suite 302
Pembroke Pines, FL 33332
TEL: 954-680-7771
FAX: 954-680-7781

Memo

To: Barbara Mesa Valdes

From: Robert Behar, PE

C.C.: Leo Oña, PE, Paola Riveros, PE

Date: September,

Re: NE 151 Street Revision 3 Memo

REVISION NO.2

The following table summarizes Plan Revision No. 3

Sheet Number	Revision Date	Description
1	9/29/22	Updated Key Sheet to include Revision No. 3
5	9/29/22	Revised pay item note – 110-1-1-1-1

INDEX OF SHEETS

SHT. No.	SHEET DESCRIPTION
1	KEY SHEET
2-4	TYPICAL SECTION
5	SUMMARY OF QUANTITIES AND PAY ITEM NOTES
6-7	SUMMARY OF DRAINAGE STRUCTURES
8	PROJECT LAYOUT
9	GENERAL NOTES
10-19	PLAN
20-28	PROFILE
29-30	DRIVEWAY/SIDESTREET PROFILES
31	DRIVEWAY DETAIL
32-33	INTERSECTION DETAIL
34	INTERSECTION PROFILE
35-52	DRAINAGE CROSS SECTIONS
53-58	DRAINAGE DETAILS
59-79	CROSS SECTIONS
80	SPECIAL GRAVITY WALL DETAIL
81	UTILITY RELOCATION PLAN
82	STORMWATER POLLUTION PREVENTION PLAN
83	SIGNING AND PAVEMENT MARKING QUANTITIES
84	SIGNING AND PAVEMENT MARKING GENERAL NOTES & DETAILS
85-94	SIGNING AND PAVEMENT MARKING PLANS
95	SIGNALIZATION QUANTITIES
96	SIGNALIZATION GENERAL NOTES
97-100	SIGNALIZATION PLANS
101	MAST ARM TABULATION
102	STANDARD MAST ARM ASSEMBLIES DATA TABLE
103	SPECIAL MAST ARM ASSEMBLIES DATA TABLE
104	CONTROLLER CABINET INSTALLATION DETAIL
105	ELECTRICAL POWER SERVICE DETAIL
106	SUMMARY OF LIGHTING QUANTITIES
107	LIGHTING GENERAL NOTES
108-116	LIGHTING PLANS
117	POLE DATA AND LEGEND
118	SERVICE POINT DETAIL
119	LIGHT POLE PEDESTAL
120	LIGHT POLE SPREAD FOOTING
121-138	TREE DISPOSITION PLAN
SS-1	STANDARD DETAILS
UTV-1 - UTV-3	UTILITY VERIFIED LOCATE

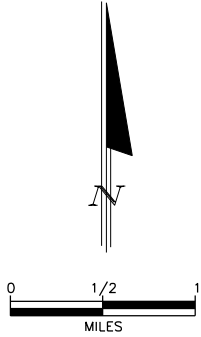
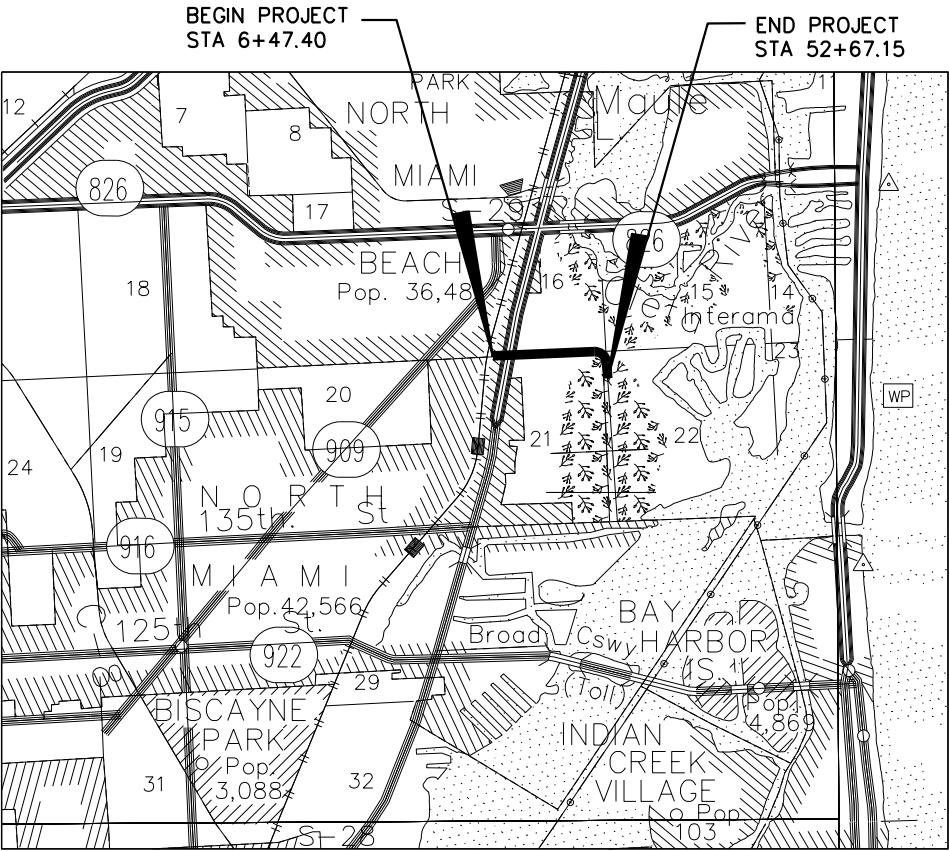
STANDARD INDEX DRAWINGS

INDEX No.	SHEET DESCRIPTION
000-511	SUPERELEVATION - LOW SPEED ROADWAYS
000-515	TURNOUTS AND DRIVEWAYS
120-001	EMBANKMENT UTILIZATION
400-011	GRAVITY WALL
425-001	SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS
425-010	STRUCTURE BOTTOMS - TYPE J AND P
425-021	CURB INLET TOPS - TYPES 5 AND 6
430-001	MISCELLANEOUS DRAINAGE DETAILS
443-001	FRENCH DRAIN
443-002	SKIMMERS FOR FRENCH DRAIN OUTLETS
444-T01	DEEP WELL INJECTION BOX
515-070	PIPE GUIDERAIL (ALUMINUM)
520-001	CURB AND GUTTER
522-001	CONCRETE SIDEWALK
522-002	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS
570-001	PERMANENT EROSION CONTROL

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED 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 STANDARD PLANS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED BY CONTRACT DOCUMENTS.



PLANS FOR PROPOSED
IMPROVEMENTS TO
NE 151st STREET
FROM EAST OF RAILROAD TRACKS
TO BAY VISTA BOULEVARD
MIAMI-DADE COUNTY PROJECT NO. 20150052



REVISIONS:

- ① ROADWAY SHEETS 2, 3 & 5 (9/9/22)
SIGNING SHEETS 83 & 91 (9/9/22)
SIGNAL SHEETS 95 & 100 (9/9/22)
LIGHTING SHEETS 107 & 117 (9/9/22)
UTILITY SHEETS UTV-1 TO UTV-3 (9/9/22)
- ② ROADWAY SHEET 5 (9/22/22)
- ③ ROADWAY SHEET 5 (9/29/22)

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

ENGINEER OF RECORD:

Robert J. Behar, P.E.
FLORIDA REGISTRATION P.E. No. 21755

LENGTH OF JOB		
	LIN. FT.	MILES
ROADWAY	4,628.19	0.876
BRIDGE	N/A	N/A
GROSS LENGTH OF JOB	4,628.19	0.876
EXCEPTIONS	N/A	N/A
NET LENGTH OF JOB	4,628.19	0.876

PREPARED FOR

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

BY

R.J. Behar & Company, Inc.
Engineers • Planners
6861 SW 196 AV., SUITE 302
PEMBROKE PINE, FLORIDA 33332
CERTIFICATE OF AUTHORIZATION NO. 00008365
Phone: (954) 680-7771

100% SUBMITTAL

APPROVED	_____ COUNTY ENGINEER
RECOMMENDED	_____ ASSISTANT DIRECTOR
SUBMITTED	_____ HIGHWAY DIVISION
PROPOSED	_____
DESIGN	_____
DATE	_____
CHECK	_____
DRAWN	_____
SHEET	1 OF 138

F:\17061_NE 151 ST\CADD\roadway\SUMORD01.dgn 9/29/2022 9:42:02 AM dhernandez

SUMMARY OF QUANTITIES					
PAY ITEM NO	PAY ITEM DESCRIPTION	UNIT	TOTAL		
			P	F	
101-1A	MOBILIZATION	LS	1		
102-1A	MAINTENANCE OF TRAFFIC	LS	1		
104-10-1	BALED HAY	EA	35		
104-13-1	STAKED SILT FENCE (TYPE III)	LF	9114		
104-18	INLET PROTECTION SYSTEM	EA	37		
110-1-1-1-1	CLEARING AND GRUBBING	AC	12		
120-1	REGULAR EXCAVATION	CY	1333		
120-4-1	REMOVE AND TRANSPORT SOLID WASTE TO LOCAL CLASS 1 LINED LANDFILL	CY	1200		
120-6	EMBANKMENT	CY	22540		
160-4B	TYPE 'B' STABILIZATION (12")	SY	45915		
200-1-10	LIMEROCK BASE (8" THICK, PRIMED)	SY	41854		
285-709	BASE OPTIONAL (BASE GROUP 9)	SY	524		
327-70-01	MILLING EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	SY	769		
327-70-12	MILLING EXISTING ASPHALT PAVEMENT (1-1/4" AVG. DEPTH)	SY	4893		
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	72		
334-2-13-2	HOT MIX ASPHALT, TRAFFIC LEVEL C, SP-12.5 (2")	TN	4543		
337-7-82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	2686		
400-0-11	CONCRETE CLASS NS, GRAVITY WALL	CY	1971 1238	1	
425-1-351	INLET (CURB) TYPE P-5 (<10')	EA	9		
425-1-352 OPT	INLET (CURB) TYPE P-5 (>10')	EA	3		
425-1-361	INLET (CURB) TYPE P-6 (<10')	EA	13		
425-1-362A	INLET (CURB) TYPE P-6 (>10')	EA	2		
425-1-451B	INLET (CURB) TYPE J-5 (<10')	EA	1		
425-1-452	INLET (CURB) TYPE J-5 (>10')	EA	1		
425-1-463	INLET (CURB) TYPE J-6 (<10')	EA	1		
425-1-910	INLET, CLOSED FLUME	EA	5 1	1	
425-2-41	MANHOLE TYPE P-7T (ANY DIMENSION, MAXIMUM DEPTH 15')	EA	4		
425-2-43	MANHOLE TYPE 7T (PARTIAL) (TOP ONLY)	EA	1		
425-2-63	MANHOLE TYPE 8T (PARTIAL) (TOP ONLY)	EA	1		
425-2-92A	MANHOLE TYPE J-8T (ANY DIMENSION, MAXIMUM 15' DEPTH)	EA	8		
425-1-908	SPECIAL STRUCTURE W/WEIR AND BAFFLE (>10')	EA	17		
425-4(2)	INLETS, ADJUST	EA	3		
425-6	ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUNTY ONLY)	EA	16		
425-73	ADJUST AND/OR RELOCATE EXISTING FIRE HYDRANTS (MIAMI-DADE COUNTY OWNED)	EA	10		
430-171-115	15" PIPE CULVERT (STORM SEWER)	LF	25		
430-171-118	18" PIPE CULVERT (STORM SEWER)	LF	1026		
430-171-124	24" PIPE CULVERT (STORM SEWER)	LF	485		
430-171-136	36" PIPE CULVERT (STORM SEWER)	LF	631		
430-171-142	42" PIPE CULVERT (STORM SEWER)	LF	1131		
430-171-148	48" PIPE CULVERT (STORM SEWER)	LF	1326		
430-54	54" PIPE CULVERT (STORM SEWER)	LF	402		
430-171-218	14"x23" PIPE CULVERT, ELLIPTICAL (18" DIA. EQUI.)	LF	37		
430-171-224	19"x30" PIPE CULVERT, ELLIPTICAL (24" DIA. EQUI.)	LF	195		
430-171-236	29"x45" PIPE CULVERT, ELLIPTICAL (36" DIA. EQUI.)	LF	215		
430-171-203	PIPE CULVERT OPTIONAL MATERIAL (CROSS DRAIN) (OTHER-ELIP/ARCH) (37" to 48")	LF	82		
425-82-01	TRENCH DRAIN (12")	LF	35		
444-1A	RELOCATE CONTINUOUS DEFLECTIVE SEPARATION STRUCTURE (C.D.S)	LS	1		
444-70-11	DEEP WELL-OPEN HOLE - 24" WELL DIAMETER	LF	1800		
444-71-11	DEEP WELL CASING - 24" WELL DIAMETER	LF	1380		
515-1-2A	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	4402		
520-1-10	CONCRETE CURB AND GUTTER (TYPE "F") INCLUDES COST OF LIMEROCK	LF	13786		
520-2-4A	CONCRETE CURB, TYPE D	LF	241		
520-3D	CONCRETE VALLEY GUTTER	LF	633		
520-5-4	TRAFFIC SEPARATOR CONCRETE - TYPE IV, 4' WIDE	LF	157		
522-1	CONCRETE SIDEWALK (4" THICK)(INCLUDING PEDESTRIAN RAMP)	SY	5313		
522-2(1)	CONCRETE SIDEWALK (6" THICK)(INCLUDING PEDESTRIAN RAMP)	SY	81		
522-4E	BUS SHELTER PAD-CONCRETE	SY	41		
523-1-3	PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE	SY	756		
527-2	DETECTABLE WARNING ON WALKING SURFACE (CURB RAMP DETECTABLE WARNING SURFACE)	SF	361		
550-10-228	FENCING (TYPE B) (5.1' to 6.0') (RESET EXISTING)	LF	204		
550-60-225	FENCE GATE, TYPE B, DOUBLE, 20.1-24' OPENING	EA	1		
550-60-400	FENCE GATE, RESET EXISTING GATE	EA	1		
575-1-1A	SODDING (PENSACOLA BAHIA OR MATCH EXISTING) (INCLUDES WATERING AND MAINTENANCE)	SY	6562		
580-322-2	TREE REMOVAL AND REPLACEMENT [(INCLUDING WATERING) (6" TO 12" DIAMETER)]	SY	22		
580-322-2A	TREE REMOVAL AND DISPOSAL (6" TO 12" DIA.)	EA	34		
580-322-4	TREE REMOVAL AND REPLACEMENT [(INCLUDING WATERING) (12" TO 24" DIAMETER)]	EA	7		
580-322-4A	TREE REMOVAL AND DISPOSAL (12" TO 24")	EA	40		
580-322-5	TREE REMOVAL AND DISPOSAL (24" TO 36")	EA	2		
580-322-6	TREE REMOVAL AND DISPOSAL (36" TO 55" DIA.)	EA	3		
751-35-42	ARCHITECTURAL, BUS SHELTER, RELOCATE, 50-100 SF	EA	2		
721-75-4	RELOCATE OR RESET BUS STOP BENCH (any type, includes reattaching to concrete if necessary)	EA	1		
526-1-1A	PAVERS, ARCHITECTURAL (ROADWAY) (BRICK)	SY	37		
WS-1060-11-423A	FURNISH & INSTALL DUCTILE IRON PIPE (4.0-5.9")	LS	1		
WS-1050-11-427A	FURNISH & INSTALL DUCTILE IRON PIPE (12.0-13.9")	LS	1		

R E V I S I O N S									
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	
09/09/2022	NG	Modified Quantity of Pt 400-0-11 & 425-1-910	09/29/2022	RB	Revised Notes				
09/22/2022	JL	Revised Pay Item No. & Pay Item Notes							



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Engineers • Planners
6861 SW 196 Avenue, Suite 302
Pembroke Pines, Florida 33332
ROBERT J. BEHAR, P.E. LICENSE NO. 21755
CERTIFICATE OF AUTHORIZATION NO. 00008365

	NAME	DATE		NAME	DATE
DESIGNED BY			DRAWN BY		
CHECKED BY			CHECKED BY		
SUPERVISED BY					



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY DIVISION
STEPHEN P. CLARK CENTER
111 NW 1 ST
MIAMI, FLORIDA 33128

SUMMARY OF QUANTITIES AND PAY ITEM NOTES

Revised Sheets for Addendum No. 4

PAY ITEM NOTES	
102-1A	TO BE ACCOMPLISHED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION INDEX 600 SERIES, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION (ANSI D6 1-1978), PUBLIC WORKS MANUAL OF METROPOLITAN DADE COUNTY, AND THE LATEST REVISIONS OF THE AFORE MENTIONED MANUALS. INCLUDES THE COST OF FURNISHING, INSTALLING, MAINTAINING, AND REMOVING ALL ITEMS OF MAINTENANCE OF TRAFFIC NOT PAID FOR UNDER SEPARATE ITEMS INCLUDING BUT NOT LIMITED TO SIGNS, BARRICADES, FLASHING LIGHTS, TEMPORARY PAVEMENT, TEMPORARY PAVEMENT MARKINGS, TRAFFIC SIGNAL MODIFICATION FOR TRAFFIC CONTROL, ETC.
110-1-1-1-1	INCLUDES REMOVAL OF EXISTING PAVEMENT, CONCRETE SIDEWALK, DRIVEWAYS, CURB AND GUTTER, DRAINAGE STRUCTURES AND PIPES, MISCELLANEOUS CONCRETE, VEGETATION, TREES AND DEBRIS TO BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR. INCLUDES THE COST OF CLEANING-OUT ALL EXISTING DRAINAGE STRUCTURES WHICH ARE TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION.
120-1	IT INCLUDES THE COST OF REPLACING EXISTING AND DAMAGE GEOTEXTILE BETWEEN THE SUBGRADE AND THE LIMEROCK IN THE VICINITY OF SOLOMIA WAY
120-1	THESE ARE ESTIMATED QUANTITIES AND MAY BE INCREASED OR DECREASED BY THE ENGINEER.
120-4-1	INCLUDES REMOVAL, TRANSPORTATION AND DISPOSAL.
160-4B	INCLUDES THE COST OF LBR 40 AND CBR 30. REFER TO TYPICAL SECTION SHEETS ARE FOR ADDITIONAL DETAILS.
425-1 TO 425-2	COST OF BAFFLE, MATERIALS, METAL PIPE ENCASEMENT, INLET AND MANHOLE, LABOR & CONSTRUCTION SHALL BE INCLUDED IN COST OF STRUCTURES.
425-6	WITHIN PAVEMENT AREA, VALVE ADJUSTMENTS TO BE DONE AS NECESSARY. THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED, OR ELIMINATED BY THE ENGINEER.)
425-1-908	INCLUDES THE COST OF INSTALLING A CHECK VALVE AT STRUCTURE S-8.
425-82-01	INCLUDES THE COST OF FITTINGS TO CONNECT TO EXISTING SYSTEM.
430-XXX	FOR PIPE ALTERNATIVES, SEE SPECIAL PROVISIONS AND BID DOCUMENTS.
520-1-10	INCLUDES DROP CURB AT DRIVEWAYS AND 3 FT OF CURB ENDING AS DIRECTED BY THE ENGINEER.
522-1	INCLUDES THE COST OF PEDESTRIAN RAMPS. AS DIRECTED BY THE ENGINEER.
522-2(1)	ESTIMATED QUANTITY FOR DRIVEWAYS TO BE CONSTRUCTED AT LOCATIONS SHOWN IN THE PLANS AND/OR
550-10-228	INCLUDES THE COST OF RESETTNG ANY EXISTING FENCE TYPES.
575-1-1A	INCLUDES SOD TO BE USED IN THE RESTORATION OF LAWNS AND MAY BE INCREASED OR DECREASED AS DIRECTED BY THE ENGINEER. PENSACOLA OR TO MATCH EXISTING SOD.
580-332-2 & 580-322-4	INCLUDES REMOVAL, DISPOSAL, TRANSPORTATION, FURNISHING PLANTING, AND ALL APPURTENANCES NEEDED. REFER TO TREE DISPOSITION PLANS FOR DETAILS.
WS-1060-11-423A & WS-1050-11-427A	INCLUDES THE COST OF ALL FITTINGS AND APPURTENANCES TO COMPLETE UTILITY RELOCATIONS.

SUMMARY OF EARTHWORK	
ITEM	QUANTITY
REGULAR EXCAVATION	1333
TOTAL REGULAR EXCAVATION	1333 C.Y.
EMBANKMENT	
NE 151st ST	20593
DRIVEWAY 1	139
DRIVEWAY 2	74
Sole Mia Way	214
DRIVEWAY 4	95
DRIVEWAY 5	44
DRIVEWAY 6	103
DRIVEWAY 7	161
DRIVEWAY 8	17
DRIVEWAY 9	1100
TOTAL EMBANKMENT	22540 C.Y.