

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

ADDENDUM NO. 3
October 29, 2021

PROJECT: Roadway Improvements to NW 37th Avenue from NW 36th Street to NW 79th Street Project No. 20210093

BID DUE DATE: November 10, 2021; 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 ADVERTISEMENT FOR BIDS:

A. Bid Submittal Deadline:

1. Bid Submittal Deadline has been changed from November 3rd, 2021, to November 10th, 2021. Time and place remain unchanged.

CHANGES TO THE BID FORM:

- A. Replace pay item 102-3a for 102-3, Commercial Material for Driveway Maintenance, which has a quantity of 40,500 CF.

CHANGES TO THE PLANS:

A. Volume 3 - Roadway Improvement Plans. Changes performed are enclosed in revision clouds.

1. Delete sheet No. 3, Typical Section, in its entirety, and replace with attached Revised Typical Section Plans Sheet No. 3 for addendum No. 3.
2. Delete sheet No. 264, Summary of Quantities, in its entirety, and replace with attached Revised Lighting Tabulation of Quantities Sheet No. 264 for addendum No. 3.

B. Volume 5 - WASD Plans for Proposed Water Main. Changes performed are enclosed in revision clouds.

1. Delete sheet No. 69, Typical Section, in its entirety, and replace with Revised P-69 Water Main for Addendum No. 3.

C. Volume 7 - WASD Plans for Proposed Sanitary Sewer System. Changes performed are enclosed in revision clouds.

1. Delete sheet No. 47, Typical Section, in its entirety, and replace with Revised P-47 Sanitary Sewer for Addendum No. 3.

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CHANGES TO SPECIAL PROVISIONS:

- A. Add article 2,02 Railway Crossings, under Section 2 General Construction.
 - 1. The railway owner shall provide a construction watchman at crossing sites while work is being performed. All expenses will be paid at invoice cost from an established dedicated allowance account.
 - 2. The County shall indemnify, defend, and hold harmless the railway owner for assessments or other charges of any kind whatsoever against the railway owner at any time for any portion of public improvements installed on or within two hundred (200) feet of the CROSSING SITE arising out of the existence of the CROSSING SITE. County's liability will be governed by the limitations and to the extent provided in section 768.28, of the Florida Statutes.

CHANGES TO SUPPLEMENTARY CONDITIONS:

- A. Add Exhibit F - Insurance Requirements for Florida East Coast Railway LLC (FEC) crossings.
- B. Add Exhibit G - Insurance Requirements for FDOT, SFRTA and CSXT crossings.

END OF ADDENDUM NO. 3



Alfredo E. Muñoz, P.E.

Chief, Capital Improvements Division

Department of Transportation and Public Works (DTPW)

AM:rb

cc: Roxana Bayarre, P.E. DTPW	Fernando Mardones, DTPW	Alejandro Barrios, DTPW
Rene Idarraga, P.E., DTPW	Marcia Martin, ISD	Clerk of the Board
Katherine Fernandez, DTPW	Jackeline Fusel, ISD	Project File
Miguel Soria, DTPW	Luis, Eduardo M., WASD	

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
102-1A	1.0	L.S.	MAINTENANCE OF TRAFFIC			
Pay Item No. 102-1A includes WASD Items No. 1 and 78 from the Water Main, and 1 and 60 from the Gravity Sewer.						
102-3	40,500.0	CF	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE			
102-61	150.0	EA.	BUSINESS SIGNS (Temporary, Post Mounted)			
102-74-1	254,430.0	EA/DAY	BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM).			
102-74-2	10,080.0	EA/DAY	BARRICADES (Temporary, Type III, 6')			
102-77	8,360.0	EA/DAY	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")			
102-78	1,574.0	EA.	REFLECTIVE PAVEMENT MARKER (Temporary) (This item is contingent upon field conditions and may be increased or decreased by the Engineer)			
102-91-1A	169,560.0	L.F.	PAVEMENT MARKING TEMPORARY (Solid) (Any width) (Yellow or White) (Paint)			
102-99	1,488.0	EA/DAY	VARIABLE MESSAGE SIGN (Temporary)			
102-60A	32,250.0	EA/DAY	WORK ZONE SIGNS			
102-76A	4,410.0	EA/DAY	ADVANCE WARNING ARROW PANEL			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
102-91A	26,960.0	L.F.	PAVEMENT MARKING TEMPORARY (Skip) (Any width) (Yellow or White) (Paint) (10' stripe, 30' space)			
104-10-3	28,700.0	L.F.	Sediment Barrier			
104-18	124.0	EA.	Inlet Protection System			
110-1-1B	1.0	L.S.	CLEARING AND GRUBBING			
120-1	31,489.0	C.Y.	REGULAR EXCAVATION			
120-6	776.0	C.Y.	EMBANKMENT (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
160-4	92,342.0	S.Y.	TYPE "B" STABILIZATION (12" Thick) (Min. C.B.R. 30)			
200-1-10	106,448.0	S.Y.	LIMEROCK BASE (8" Thick, Primed)			
Pay Item No. 200-1-10 contains 9,486 SY and 310 SY of WASD Items No. 60 and 62 from the Water Main, and 4,200 SY and 110 SY of WASD Items No. 52 and 54 from the Gravity Sewer.						
327-70-5	2,514.0	S.Y.	MILLING EXISTING ASPHALT PAVEMENT (2" average depth)			
327-70-1A	6,525.0	S.Y.	MILLING EXISTING ASPHALT PAVEMENT (1 Inch average depth)			
Pay Item 327-70-1A is WASD Pay Item No. 64 from the Water Main.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
327-70-6A	1,207.0	S.Y.	MILLING EXISTING ASPHALT PAVEMENT (1 1/2" average depth)			
Pay Item 327-70-6A is WASD Pay Item No. 66 from the Water Main.						
334-1-13	161.4	TON	SUPERPAVE ASPHALTIC CONCRETE (Traffic C)			
Pay Item No. 334-1-13 contains 310 SY (approximately 17.1 Tons) of WASD Item No. 63 from the Water Main, and 110 SY (approximately 6.1 Tons) of WASD Item No. 55 from the Gravity Sewer.						
334-2-13-2	10,025.6	TON	Hot Mix Asphalt, Traffic C, SP-12.5			
Pay Item No. 334-2-13-2 contains 9,486 SY (approximately 521.7 Tons) of WASD Item No. 61 from the Water Main, and 4,200 SY (approximately 231 Tons) of WASD Item No. 53 from the Gravity Sewer.						
337-7-21A	204.7	TON	ASPHALTIC CONCRETE FRICTION COURSE (FC-9.5) (RUBBER) (1" Thick)			
Pay Item No. 337-7-21A contains 1,207 SY (approximately 66.4 Tons) of WASD Item No. 66 from the Water Main.						
337-8-42	4,995.4	TON	Hot Mix Asphalt Friction Course, Traffic C, FC-9.5, PG 76-22			
Pay Item No. 337-8-32 contains 6,525 SY (approximately 358.9 Tons) of WASD Item No. 65 from the Water Main.						
339-1	307.0	TON	MISCELLANEOUS ASPHALT PAVEMENT			
Pay Item No. 339-1 contains 1,036 SY (approximately 57 Tons) of WASD Item No. 56 from the Gravity Sewer.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
425-1-201	3.0	EA.	INLETS (Curb) Type (P-9) (< 10')			
425-1-203	1.0	EA.	INLETS, Curb, Type 9, J Bot, <10'			
425-1-311	6.0	EA.	INLETS (CURB)(TYPE P-1) < 10 '			
425-1-312	2.0	EA.	INLET CURB TYPE P-1 (>10')			
425-1-321	3.0	EA.	INLETS (CURB)(TYPE P-2) < 10 '			
425-1-322A	1.0	EA.	INLET CURB Type P-2 > 10'			
425-1-331C	5.0	EA.	INLET CURB TYPE P-3 < 10'			
425-1-351	32.0	EA.	INLET CURB (TYPE P-5)< 10 '			
425-1-353	3.0	EA.	INLETS (Curb) (TYPE P-5) (>10')			
425-1-361	2.0	EA.	INLET, CURB (Type P-6) < 10'			
425-1-451B	1.0	EA.	INLET (Curb) Type J-5 (<10')			
425-1-452	1.0	EA.	INLET (Curb) Type J-5 (>10')			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
425-1-463	2.0	EA	INLET CURB (Type J-6) < 10'			
425-1-462	1.0	EA	INLET (Curb) Type J-6 (>10')			
425-1-721	18.0	EA.	INLET (Gutter) Type P-11 (<10')			
425-1-722	1.0	EA	INLET (Gutter) Type P-11 (>10')			
425-1-909-1	23.0	EA	INLET (CURB) TYPE J-11, <10'			
425-1-909-2	9.0	EA	INLET (CURB) TYPE J-11, >10'			
425-1-311C	1.0	EA	INLETS (CURB)(TYPE P-1) < 10' (SPECIAL)			
425-1-901C	9.0	EA.	INLETS (Special) (< 10')			
425-2-41B	15.0	EA.	MANHOLE (Type P-7) (< 10')			
425-2-42C	3.0	EA	MANHOLES (P-7) (>10')			
425-2-71C	8.0	EA.	MANHOLE (J-7) (<10')			
425-2-71B	10.0	EA.	MANHOLE J-7 > 10'			

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Revised 20210093 Bid Form for Addendum No. 3

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
425-6	98.0	EA.	ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUNTY ONLY) (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
425-5B	17.0	EA.	ADJUST MANHOLE - MIAMI-DADE COUNTY ONLY - (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
430-1-136	1.0	L.S.	Relocate 36" Stormsewer Pipe			
Pay Item 430-1-136 is WASD Pay Item No. 47 from the Sanitary Sewer System.						
430-175-115	3,251.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 15"			
430-175-118	252.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 18"			
430-175-124	975.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 24"			
430-175-136	105.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 36"			
430-175-215	233.0	L.F.	PIPE CULVERT,OPTIONAL MATERIAL,Other Elip/Arch, 15"			
443-70-4-3	170.0	L.F.	French Drain (24" diameter perforated pipe; trench depth 15 ft. BLS)			
443-70-6-3	9,128.0	L.F.	French Drain (36" diameter perforated pipe; trench depth 15 ft. BLS)			
520-1-10	14,282.0	L.F.	CONCRETE CURB & GUTTER (Type F) (6" Curb, 18" Gutter) (Includes cost of limerock base and subgrade)			
Pay Item No. 520-1-10 contains 50 LF of WASD Item No. 71 from the Water Main, and 42 LF of WASD Item No. 58 from the Gravity Sewer.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
520-2-12	13,515.0	L.F.	CONCRETE CURB (Type "D")			
520-3A	13,901.0	L.F.	CONCRETE VALLEY GUTTER (Any type)			
522-1(1)	17,099.2	S.Y.	CONCRETE SIDEWALK [4" THICK, 3,000 P.S.I. CONCRETE AT 28 DAYS (Includes the cost of pedestrian ramps and sidewalk curbs)			
Pay Item No. 522-1(1) contains 362 SF (approximately 40.25 SY) and 10 EA (approximately 53 SY) of WASD Items No. 70 and 76 from the Water Main, and 270 SF (approximately 30 SY) of WASD Items No. 57 from the Gravity Sewer.						
522-2(1)	6,472.0	S.Y.	CONCRETE SIDEWALK (6" THICK) (Includes driveways)			
527-2	1,459.0	S.F.	DETECTABLE WARNING ON WALKING SURFACE			
Pay Item No. 527-2 contains 80 SF of WASD Item No. 77 from the Water Main.						
536-1-01	400.0	L.F.	GUARDRAIL (Roadway) (Includes the cost of shop bent panels)			
536-9	4.0	EA.	END ANCHORAGE (TYPE IV)			
549-0A	1,449.0	L.F.	DEMOLITION AND REMOVAL OF CHAIN LINK FENCE			
550-2-6B	1,215.0	L.F.	NEW CHAIN LINK FENCE TYPE "B" (6' HIGH)			
550-60-232	7.0	EA	Fence Gate, Type B, Sliding/Cantilever, 6.1 – 12' Opening			
550-60-235	4.0	EA	Fence Gate, Type B, Sliding/Cantilever, 20.1 – 24' Opening			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
575-1-1	2,019.0	S.Y.	SODDING (Pensacola Bahia or match existing) (includes watering)			
Pay Item No. 575-1-1 contains 24 SY of WASD Item No. 72 from the Water Main, and 983 SY of WASD Item No.59 from the Gravity Sewer.						
580-327-10	90.0	EA.	TREE REMOVAL (Under 12" to 6")			
580-327-24	1.0	EA.	REMOVAL OF TREES (Greater than 24" diameter, up to 36" diameter)			
580-327-23A	116.0	EA.	TREE REMOVAL (12" to 24" diameter)			
630-2-11	14,013.0	L.F.	CONDUIT, Furnish & Install, Open Trench			
630-2-12	4,190.0	L.F.	CONDUIT, Furnish & Install, Directional Bore			
632-7-1	4.0	P.I.	TRAFFIC CONTROL CABLE			
632-7-6	4.0	P.I.	SIGNAL CABLE, REMOVE- INTERSECTION			
635-2-11	218.0	EA.	PULL & SPLICE BOX, Furnish & Install, 13" x 24" COVER SIZE			
639-1-122	4.0	AS.	Electrical Power Service, Furnish & Install, Underground, Meter Purchased by Contractor			
639-2-1	3,705.0	L.F.	SERVICE WIRE[(#6 AWG with THW insulation)(Three conductor set)(Black,white and green)]			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
641-2-12	1.0	EA.	PRESTRESSED CONCRETE POLES (Furnish & Install) (Type P-II Service Pole)			
641-2-60	4.0	EA.	Prestressed Concrete Pole, Complete pole Removal – Pedestal/Service Pole			
646-1-11	23.0	EA.	ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)			
646-1-60	1.0	EA.	Aluminum Signals Pole, Remove			
649-21-1	11.0	EA.	Steel Mast Arm Assembly, Furnish & Install, Single Arm 30'			
649-21-3	2.0	EA.	Steel Mast Arm Assembly, Furnish & Install, Single Arm 40'			
649-21-6	2.0	EA.	Steel Mast Arm Assembly, (F&I), Single Arm 50'			
649-21-15	1.0	EA.	Steel Mast Arm Assembly, Furnish & Install, Single Arm 70'			
650-1-14	23.0	AS.	TRAFFIC SIGNAL, FURNISH & INSTALL, ALUMINUM, 3 SECTION, 1 WAY			
650-1-18	11.0	AS.	TRAFFIC SIGNAL, FURNISH & INSTALL, ALUMINUM, 5 SECTION STRAIGHT, 1 WAY			
650-1-60	34.0	AS.	TRAFFIC SIGNAL, Remove- Poles to Remain)			
653-1-11	32.0	AS.	PEDESTRIAN SIGNAL, FURNISH & INSTALL, LED COUNTDOWN, 1 WAY			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
653-1-60	24.0	AS.	Pedestrian Signal, Remove Ped Signal – Pole/Pedestal to remain			
660-1-109B	19.0	EA	LOOP DETECTOR, INDUCTIVE (F & I) (Type 9, 2Ch, SS, RM)			
660-2-101	3.0	AS.	LOOP ASSEMBLY			
660-2-106	34.0	AS.	LOOP ASSEMBLY, F&I, Type F			
Pay Item No. 660-2-106 contains 5 EA of WASD Item No. 78 from the Water Main.						
665-1-11	16.0	EA.	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD			
665-1-60	13.0	EA	Pedestrian Detector, Remove-Pole/Pedestal to Remain			
670-5-140	4.0	AS.	TRAFFIC CONTROLLER ASSEMBLY (Furnish & Install) (Model 2070)			
670-5-400	2.0	AS.	Traffic Controller Assembly (Modify)			
670-5-600	4.0	AS.	Traffic Controller Assembly, Remove controller with cabinet			
690-40	11.0	EA.	REMOVE MAST ARM ASSEMBLY			
690-80-1	1.0	P.I.	REMOVE SPAN WIRE ASSEMBLY			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
700-5-21	18.0	EA.	INTERNALLY ILLUMINATED SIGN, FURNISH, & INSTALL OVERHEAD MOUNT, UP TO 12 SF			
700-5-60	14.0	EA.	Internally Illuminated Sign, Remove			
700-1-11B	229.0	AS.	SINGLE POST SIGN, F&I Ground Mount, Up to 12 SF			
700-1-12C	30.0	AS.	SINGLE POST SIGN, Furnish & Install Ground Mount, 12-20 SF			
700-1-50	8.0	AS.	Single Post Sign, Relocate			
700-1-60	53.0	AS.	SINGLE POST SIGN, REMOVE			
700-2-12	13.0	AS.	Multi- Post Sign, F&I Ground Mount, 12-20 SF			
700-3-501	2.0	EA.	SIGN PANEL, RELOCATE, UP TO 12 SF			
705-11-1	1.0	EA.	DELINEATOR (Flexible Tubular)			
Pay Item 705-11-1 is part of WASD Item No. 75 from the Water Main						
706-1-12	50.0	EA.	REFLECTIVE PAVEMENT MARKERS (class B, mono or bi-directional, all colors)			
Pay Item 706-1-12 is part of WASD Item No. 75 from the Water Main						
706-1-12A	1,310.0	EA.	REFLECTIVE PAVEMENT MARKERS PERMANENT (BI-Directional) amber/amber			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
706-1-12B	264.0	EA.	REFLECTIVE PAVEMENT MARKERS PERMANENT (Clear and Red)			
710-11-121	29,697.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, White, solid, 6")			
710-11-122	87.0	L.F.	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 8"			
710-11-123	6,743.0	L.F.	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 12"			
710-11-124	28.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, White, solid, 18")			
710-11-125	1,495.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, White, solid, 24")			
710-11-141B	110.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard) (White) (Skip) (6") (10/30)			
710-11-160	72.0	EA.	PAINTED PAVEMENT MARKINGS (Standard)(White)(Message)			
710-11-170	167.0	EA	PAINTED PAVEMENT MARKING (Standard) (White) (Arrows)			
710-11-221	26,977.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, Yellow, solid, 6")			
710-11-224	456.0	L.F.	PAINTED PAVEMENT MARKINGS,STANDARD,YELLOW,SOLID, 18"			
710-11-241	50.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard) (Yellow) (Skip) (6")			

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710-11-241B	2,840.0	L.F.	PAINTED PAVEMENT MARKINGS, Standard, Yellow, Skip 10'-30', 6"			
711-11-123	6,941.0	L.F.	THERMOPLASTIC (White) (Solid) (12")			
Pay Item No. 711-11-123 contains 198 LF of WASD Item No. 75 from the Water Main.						
711-11-124	28.0	L.F.	THERMOPLASTIC (White) (Solid) (18")			
711-11-125	1,595.0	L.F.	THERMOPLASTIC (White) (Solid) (24")			
Pay Item No. 711-11-125 contains 100 LF of WASD Item No. 75 from the Water Main.						
711-11-160	72.0	EA.	THERMOPLASTIC (White) (Message)			
711-11-170	171.0	EA	THERMOPLASTIC (White) (Arrows)			
Pay Item No. 711-11-170 contains 4 EA of WASD Item No. 75 from the Water Main.						
711-11-224	456.0	L.F.	THERMOPLASTIC (Yellow) (Solid) (18")			
711-11-221	28,257.0	L.F.	THERMOPLASTIC (Yellow) (Solid) (6")			
Pay Item No. 711-11-221 contains 1280 LF of WASD Item No. 75 from the Water Main.						
711-11-241B	2,840.0	L.F.	THERMOPLASTIC (Standard) (Yellow) (Skip 10'-30') (6")			
711-11-121	30,889.0	L.F.	THERMOPLASTIC (White) (Solid) (6")			
Pay Item No. 711-11-121 contains 1192 LF of WASD Item No. 75 from the Water Main.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
711-11-122	87.0	L.F.	THERMOPLASTIC (White) (Solid) (8")			
711-11-141B	110.0	L.F.	THERMOPLASTIC, STD (White) (10/30) (Skip) (6")			
711-11-241	50.0	L.F.	THERMOPLASTIC (Yellow) (Skip) (6")			
715-1-12	1,080.0	L.F.	LIGHTING - CONDUCTORS (F & I) (No. 8 to No. 6)			
715-1-13	46,681.0	L.F.	LIGHTING - CONDUCTORS (F&I) (No. 4 to No. 2)			
715-1-14	970.0	L.F.	LIGHTING - CONDUCTORS (F&I) (No. 1 to No. 0)			
715-4-70	67.0	EA	LIGHT POLE COMPLETE, Remove Pole and Foundation			
715-4-122	80.0	EA.	Light Pole Complete, F&I, Wind Speed 150, Pole Height 45'			
715-5-50	1.0	EA.	LUMINAIRE & BRACKET ARM (Remove)			
715-7-11A	4.0	EA	LOAD CENTER (Secondary Voltage)			
715-11-11F	9.0	EA.	LUMINAIRE (Furnish & Install) (Roadway) (Cobra Head)			
715-500-1C	83.0	EA.	POLE CABLE DISTRIBUTION SYSTEM (FURNISH AND INSTALL)			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
715-511-135	3.0	EA	LIGHT POLE COMPLETE, Special Design, F&I, Single Arm Shoulder Mount, Aluminum, 35'			
WS-1050-10-006	500.0	C.Y.	For removal, transport, and legal disposal of debris and unsuitable material not shown on the plans.			
Pay item WS-1050-10-006 corresponds to pay item no.57 of Proposed Water Main of WASD and pay item 48 of Proposed Sanitary Sewer of WASD						
WS-1050-10-010	800.0	S.F.	For sheeting and shoring ordered left in place by the Engineer.			
WS-1050-10-011	900.0	L.F.	For trench overcut in one-foot depth increments			
Pay item WS-1050-10-011 corresponds to pay item no.73 of Proposed Water Main of WASD						
WS-1050-10-012	500.0	C.Y.	For furnishing and installing additional suitable backfill material.			
Pay item WS-1050-10-012 corresponds to pay item no.58 of Proposed Water Main of WASD						
WS-1050-10-1316A	1.0	L.S.	Furnish and Install Microtunnel			
Pay item WS-1050-10-1316A corresponds to pay item no.23 of Proposed Water Main of WASD						
WS-1050-10-1316B	1.0	L.S.	Furnish and Install Microtunnel			
Pay item WS-1050-10-1316B corresponds to pay item no.24 of Proposed Water Main of WASD						
WS-1050-10-1316C	1.0	L.S.	Furnish and Install Microtunnel			
Pay item WS-1050-10-1316C corresponds to pay item no.25 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-11-0013	42.0	EA.	For constructing Air Release Valve Assemblies (ARV's)			
Pay item WS-1050-11-0013 corresponds to pay item no.52 of Proposed Water Main of WASD						
WS-1050-11-014	35.0	EA.	For constructing Flushing Valve Outlet assemblies (FVO's).			
Pay item WS-1050-11-014 corresponds to pay item no.53 of Proposed Water Main of WASD						
WS-1050-11-0015A	22.0	S.Y.	Constructing 8-inch reinforced concrete protective slab, per WASD Standard Detail GS 1.2, as ordered by the Engineer			
Pay item WS-1050-11-0015A corresponds to pay item no.59 of Proposed Water Main of WASD						
WS-1050-11-0017A	13.0	EA	Furnish and Install 1-inch single service, complete.			
Pay item WS-1050-11-0017A corresponds to pay item no.46 of Proposed Water Main of WASD						
WS-1050-11-0019	10,072.0	L.F.	For furnishing & Install polyethylene encasement as directed by the Engineer.			
Pay item WS-1050-11-0019 corresponds to pay item no.69 of Proposed Water Main of WASD						
WS-1050-11-0019A	5,906.0	L.F.	For furnishing & Install V-Bio polyethylene encasement as directed by the Engineer.			
Pay item WS-1050-11-0019A corresponds to pay item no.68 of Proposed Water Main of WASD						
WS-1050-11-0020A	5.0	EA	Furnish and Install Dual Service (1")- All incidentals, Complete.			
Pay item WS-1050-11-0020A corresponds to pay item no.47 of Proposed Water Main of WASD						
WS-1050-11-0120A	6.0	EA	Furnish and Install Dual Service (1 1/2")- All incidentals, Complete.			
Pay item WS-1050-11-0120A corresponds to pay item no.48 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-11-0217A	18.0	EA	Furnish and Install Single Service (2")-All incidentals included			
Pay item WS-1050-11-0217A corresponds to pay item no.49 of Proposed Water Main of WASD						
WS-1050-11-0220A	2.0	EA	Furnish and Install Dual Service (2")-All incidentals included			
Pay item WS-1050-11-0220A corresponds to pay item no.50 of Proposed Water Main of WASD						
WS-1050-11-0317A	2.0	EA	Furnish and Install Single Service (3")-All incidentals included			
Pay item WS-1050-11-0317A corresponds to pay item no.51 of Proposed Water Main of WASD						
WS-1050-11-0403	1.0	EA	Furnish and Install Tapping Sleeve (6.0" – 7.9")			
Pay item WS-1050-11-0403 corresponds to pay item no.29 of Proposed Water Main of WASD						
WS-1050-11-0503	1.0	EA	Furnish and Install Tapping Sleeve (8.0" – 9.9")			
Pay item WS-1050-11-0503 corresponds to pay item no.28 of Proposed Water Main of WASD						
WS-1050-11-0703	1.0	EA	Furnish and Install Tapping Sleeve (12" – 13.9")			
Pay item WS-1050-11-0703 corresponds to pay item no.26 of Proposed Water Main of WASD						
WS-1050-11-0703A	2.0	EA	Furnish and Install Tapping Sleeve (12" – 13.9"), Cut and Cap Existing Water Main.			
Pay item WS-1050-11-0703A corresponds to pay item no.27 of Proposed Water Main of WASD						
WS-1050-11-1803	1.0	L.F.	Furnish and Install Tapping Sleeve (60.0" or larger)			
Pay item WS-1050-11-1803 corresponds to pay item no.30 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-11-5213	100.0	L.F.	For Furnishing and Installing 30" Steel Casings for Water Main			
Pay item WS-1050-11-5213 corresponds to pay item no.22 of Proposed Water Main of WASD						
WS-1050-12-0016	27.0	EA.	Selling and Delivering to the Department Fire Hydrant Assemblies, Complete.			
Pay item WS-1050-12-0016 corresponds to pay item no.55 of Proposed Water Main of WASD						
WS-1060-12-111	11.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (0-6').			
Pay item WS-1060-12-111 corresponds to pay item no.2 of Proposed Gravity Sewer						
WS-1060-12-112	10.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (6-8').			
Pay item WS-1060-12-112 corresponds to pay item no.4 of Proposed Gravity Sewer						
WS-1060-12-113	8.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (8-10').			
Pay item WS-1060-12-113 corresponds to pay item no.6 of Proposed Gravity Sewer						
WS-1060-12-114	2.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (10-12').			
Pay item WS-1060-12-114 corresponds to pay item no.8 of Proposed Gravity Sewer						
WS-1060-12-165	1.0	EA	For Selling and Delivering to the Department Sanitary Sewer Fiberglass Reinforced Plastic (FRP) Manhole (12-14').			
Pay item WS-1060-12-165 corresponds to pay item no.10 of Proposed Gravity Sewer						
WS-1060-12-213	1.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Drop Manhole (8-10').			
Pay item WS-1060-12-213 corresponds to pay item no.12 of Proposed Gravity Sewer						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-12-226	70.0	L.F.	For Selling and Delivering to the Department PVC Pipe (10"-11.9")-inches and Fittings for Water Main.			
Pay item WS-1050-12-226 corresponds to pay item no.12 of Proposed Water Main of WASD						
WS-1060-12-265	1.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Fiberglass Reinforced Plastic (FRP) Drop Manhole (12'-14').			
Pay item WS-1060-12-265 corresponds to pay item no.14 of Proposed Gravity Sewer						
WS-1050-12-0412	31.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valves (6"-7.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0412 corresponds to pay item no.44 of Proposed Water Main of WASD						
WS-1050-12-0424	537.0	L.F.	For selling and delivering to the Department ductile iron pipe (6"-7.9") and fittings for water main.			
Pay item WS-1050-12-0424 corresponds to pay item no.20 of Proposed Water Main of WASD						
WS-1050-12-0424A	135.0	L.F.	For selling and delivering to the Department Zinc-Coated Ductile Iron Pipe (6"-7.9") and Fittings for Water Main.			
Pay item WS-1050-12-0424A corresponds to pay item no.18 of Proposed Water Main of WASD						
WS-1050-12-425	123.0	L.F.	For selling and delivering to the Department ductile iron pipe (8"-9.9") and fittings for water main.			
Pay item WS-1050-12-425 corresponds to pay item no.16 of Proposed Water Main of WASD						
WS-1050-12-425A	30.0	L.F.	For selling and delivering to the Department Zinc-Coated Ductile Iron Pipe (8"-9.9") and Fittings for Water Main.			
Pay item WS-1050-12-425A corresponds to pay item no.14 of Proposed Water Main of WASD						
WS-1050-12-426	50.0	L.F.	For selling and delivering to the Department ductile iron pipe (10"-11.9")-inches and fittings for water main.			
Pay item WS-1050-12-426 corresponds to pay item no.10 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-12-427	1,278.0	L.F.	For selling and delivering to the Department ductile iron pipe (12"-13.9")-inches and fittings for water main.			
Pay item WS-1050-12-427 corresponds to pay item no.8 of Proposed Water Main of WASD						
WS-1050-12-427A	233.0	L.F.	For selling and delivering to the Department Zinc-Coated Ductile Iron pipe (12"-13.9")-inches and fittings for water main.			
Pay item WS-1050-12-427A corresponds to pay item no.6 of Proposed Water Main of WASD						
WS-1050-12-0429	8,134.0	L.F.	For selling and delivering to the Department ductile iron pipe (16.0 -17.9") and fittings for water main.			
Pay item WS-1050-12-0429 corresponds to pay item no.4 of Proposed Water Main of WASD						
WS-1050-12-0429A	5,508.0	L.F.	For Selling and Delivering to the Department Zinc-Coated Ductile Iron Pipe (16.0 -17.9") and Fittings for Water Main.			
Pay item WS-1050-12-0429A corresponds to pay item no. 2 of Proposed Water Main of WASD						
WS-1050-12-0512	7.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valves (8"-9.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0512 corresponds to pay item no.42 of Proposed Water Main of WASD						
WS-1050-12-0612	3.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valves (10"-11.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0612 corresponds to pay item no.40 of Proposed Water Main of WASD						
WS-1050-12-0712	17.0	EA	For selling and delivering to the Department M.J. resilient seated gate valves (12"-13.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0712 corresponds to pay item no.38 of Proposed Water Main of WASD						
WS-1050-12-0912	31.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valve (16"-17.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0912 corresponds to pay item no.36 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-12-2250	4,248.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (8.0 -9.9") for Gravity Sewer.			
Pay item WS-1060-12-2250 corresponds to pay item no.16 of Proposed Gravity Sewer						
WS-1060-12-2260	4,158.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (10.0 -11.9") for Gravity Sewer.			
Pay item WS-1060-12-2260 corresponds to pay item no.21 of Proposed Gravity Sewer						
WS-1060-12-2270	60.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (12.0 -13.9") for Gravity Sewer.			
Pay item WS-1060-12-2270 corresponds to pay item no.27 of Proposed Gravity Sewer						
WS-1060-12-2280	40.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (14.0 -15.9") for Gravity Sewer.			
Pay item WS-1060-12-2280 corresponds to pay item no.29 of Proposed Gravity Sewer						
WS-1050-13-0016	27.0	EA.	installing fire hydrant assemblies with guard posts, complete.			
Pay item WS-1050-13-0016 corresponds to pay item no.56 of Proposed Water Main of WASD						
WS-1060-13-111	11.0	EA	For Installing Sanitary Sewer Precast Manhole (0-6").			
Pay item WS-1060-13-111 corresponds to pay item no.3 of Proposed Gravity Sewer						
WS-1060-13-112	10.0	EA	For Installing Sanitary Sewer Precast Manhole (6-8").			
Pay item WS-1060-13-112 corresponds to pay item no.5 of Proposed Gravity Sewer						
WS-1060-13-113	8.0	EA	For Installing Sanitary Sewer Precast Manhole (8-10").			
Pay item WS-1060-13-113 corresponds to pay item no.7 of Proposed Gravity Sewer						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-13-114	2.0	EA	For Installing Sanitary Sewer Precast Manhole (10-12').			
Pay item WS-1060-13-114 corresponds to pay item no.9 of Proposed Gravity Sewer						
WS-1060-13-165	1.0	EA	For Installing Sanitary Sewer Fiberglass Reinforced Plastic (FRP) Manhole (12-14').			
Pay item WS-1060-13-165 corresponds to pay item no.11 of Proposed Gravity Sewer						
WS-1060-13-213	1.0	EA	For Installing Sanitary Sewer Precast Drop Manhole (8-10').			
Pay item WS-1060-13-213 corresponds to pay item no.13 of Proposed Gravity Sewer						
WS-1050-13-226	70.0	L.F.	For installing (10"-11.9")-inch PVC pipe and fittings for water main.			
Pay item WS-1050-13-226 corresponds to pay item no.13 of Proposed Water Main of WASD						
WS-1060-13-265	1.0	EA	For Installing Sanitary Sewer Precast Fiberglass Reinforced Plastic (FRP) Drop Manhole (12-14').			
Pay item WS-1060-13-265 corresponds to pay item no.15 of Proposed Gravity Sewer						
WS-1050-13-0412	31.0	EA	For installing M.J. resilient seated gate valve (6"-7.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0412 corresponds to pay item no.45 of Proposed Water Main of WASD						
WS-1050-13-424	672.0	L.F.	For installing (6"-7.9")-inch ductile iron pipe and fittings for water main.			
Pay item WS-1050-13-424 corresponds to pay item no.19 of Proposed Water Main of WASD						
WS-1050-13-425	153.0	L.F.	For installing (8"-9.9")-inch ductile iron pipe and fittings for water main			
Pay item WS-1050-13-425 corresponds to pay item no.15 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-13-426	50.0	L.F.	For installing (10"-11.9")-inch ductile iron pipe and fittings for water main.			
Pay item WS-1050-13-426 corresponds to pay item no.11 of Proposed Water Main of WASD						
WS-1050-13-427	1,511.0	L.F.	For installing (12"-13.9")-inch ductile iron pipe and fittings for water main			
Pay item WS-1050-13-427 corresponds to pay item no.7 of Proposed Water Main of WASD						
WS-1050-13-429A	13,642.0	L.F.	For installing (16"-17.9")-inch ductile iron pipe and fittings for water main			
Pay item WS-1050-13-429A corresponds to pay item no.3 of Proposed Water Main of WASD						
WS-1050-13-0512	7.0	EA.	For installing M.J. resilient seated gate valve (8"-9.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0512 corresponds to pay item no.43 of Proposed Water Main of WASD						
WS-1050-13-0612	3.0	EA	For installing M.J. resilient seated gate valve (10"-11.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0612 corresponds to pay item no.41 of Proposed Water Main of WASD						
WS-1050-13-0712	17.0	EA	For installing M.J. resilient seated gate valve (12"-13.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0712 corresponds to pay item no.39 of Proposed Water Main of WASD						
WS-1050-13-0912	31.0	EA.	For installing M.J. resilient seated gate valve (16"-17.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0912 corresponds to pay item no.37 of Proposed Water Main of WASD						
WS-1060-13-2251	1,208.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (0 - 6').			
Pay item WS-1060-13-2251 corresponds to pay item no.17 of Proposed Gravity Sewer						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-13-2252	1,547.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (6 - 8').			
Pay item WS-1060-13-2252 corresponds to pay item no.18 of Proposed Gravity Sewer						
WS-1060-13-2253	870.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (8-10').			
Pay item WS-1060-13-2253 corresponds to pay item no.19 of Proposed Gravity Sewer						
WS-1060-13-2254	623.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (10-12').			
Pay item WS-1060-13-2254 corresponds to pay item no.20 of Proposed Gravity Sewer						
WS-1060-13-2261	778.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (0 - 6').			
Pay item WS-1060-13-2261 corresponds to pay item no.22 of Proposed Gravity Sewer						
WS-1060-13-2262	1,596.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (6 - 8').			
Pay item WS-1060-13-2262 corresponds to pay item no.23 of Proposed Gravity Sewer						
WS-1060-13-2263	958.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (8 - 10').			
Pay item WS-1060-13-2263 corresponds to pay item no.24 of Proposed Gravity Sewer						
WS-1060-13-2264	384.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (10 - 12').			
Pay item WS-1060-13-2264 corresponds to pay item no.25 of Proposed Gravity Sewer						
WS-1060-13-2265	402.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (12 - 14').			
Pay item WS-1060-13-2265 corresponds to pay item no.26 of Proposed Gravity Sewer						

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PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-13-2273	60.0	L.F.	For Installing (12.0 -13.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (8 - 10').			
Pay item WS-1060-13-2273 corresponds to pay item no.28 of Proposed Gravity Sewer						
WS-1060-13-2285	40.0	L.F.	For Installing (14.0 -15.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (12 - 14').			
Pay item WS-1060-13-2285 corresponds to pay item no.30 of Proposed Gravity Sewer						
WS-1050-14-0214	1.0	EA.	For making cut-in connection to existing (2" - 3.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0214 corresponds to pay item no.35 of Proposed Water Main of WASD						
WS-1050-14-0414	3.0	EA	For making cut-in connection to existing (6.0" - 7.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0414 corresponds to pay item no.34 of Proposed Water Main of WASD						
WS-1050-14-0514	7.0	EA.	For making cut-in connection to existing (8.0" - 9.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0514 corresponds to pay item no.33 of Proposed Water Main of WASD						
WS-1050-14-0614	5.0	EA.	For making cut-in connection to existing (10.0" - 11.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0614 corresponds to pay item no.32 of Proposed Water Main of WASD						
WS-1050-14-0714	2.0	EA.	For making cut-in connection to existing (12.0" - 13.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0714 corresponds to pay item no.31 of Proposed Water Main of WASD						
WS-1050-17-0016	4.0	EA	Remove and Salvage Existing Fire Hydrant Assembly with Elbow/Shoe and Guard Posts			
Pay item WS-1050-17-0016 corresponds to pay item no.54 of Proposed Water Main of WASD						

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-21-2740	48.0	EA	Furnishing and Installing (6.0-7.9") Clean-Out Assembly for Sewer Laterals			
Pay item WS-1060-21-2740 corresponds to pay item no.33 of Proposed Gravity Sewer						
WS-1060-22-2252	7.0	EA	For Selling and Delivering to the Department 8"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-22-2252 corresponds to pay item no.38 of Proposed Gravity Sewer						
WS-1060-22-2262	13.0	EA	For Selling and Delivering to the Department 10"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-22-2262 corresponds to pay item no.40 of Proposed Gravity Sewer						
WS-1060-22-2651	18.0	EA	For Selling and Delivering to the Department 8"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-22-2651 corresponds to pay item no.34 of Proposed Gravity Sewer						
WS-1060-22-2661	10.0	EA	For Selling and Delivering to the Department 10"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-22-2661 corresponds to pay item no.36 of Proposed Gravity Sewer						
WS-1060-22-2840	1,047.0	L.F.	For Selling and Delivering to the Department (6.0-7.9") PVC (C-900) Pipe for Sanitary Sewer Lateral.			
Pay item WS-1060-22-2840 corresponds to pay item no.31 of Proposed Gravity Sewer						
WS-1060-23-2252	7.0	EA	For Installing 8"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-23-2252 corresponds to pay item no.39 of Proposed Gravity Sewer						
WS-1060-23-2262	13.0	EA	For Installing 10"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-23-2262 corresponds to pay item no.41 of Proposed Gravity Sewer						

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-23-2651	18.0	EA	For Installing 8"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-23-2651 corresponds to pay item no.35 of Proposed Gravity Sewer						
WS-1060-23-2661	10.0	EA	For Installing 10"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-23-2661 corresponds to pay item no.37 of Proposed Gravity Sewer						
WS-1060-23-2840	1,047.0	L.F.	For Installing (6.0-7.9") PVC (C-900) Pipe for Sanitary Sewer Lateral.			
Pay item WS-1060-23-2840 corresponds to pay item no.32 of Proposed Gravity Sewer						

Total: _____

The bidder understands and agrees that the above total is inclusive of all work necessary to complete the job as described in the plans and specifications.

Quantities are established and are included only for the purpose of facilitating the uniform comparison of bids submitted. The County shall not be held responsible if the quantities are not accurate and all computations for compensation shall be based upon the actual work performed, whether greater or less than estimated quantities.

Tax Identification Number: _____

D.C. Certificate of competency No: _____

Bidder's Name: _____

Bidder's telephone Number: _____

Bidder's address: _____

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street PROJECT NO: 20210093
IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE "NOTICE TO PROCEED WITH CONTRACT WORK".

BIDDER ACKNOWLEDGES THAT INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL AND IN THE TOTAL BID PRICE ARE COSTS FOR COMPLYING WITH THE FLORIDA TRENCH SAFETY ACT (90-96), LAWS OF FLA. EFFECTIVE OCTOBER 1st, 1990. THE BIDDER FURTHER IDENTIFIES THE COSTS TO BE SUMMARIZED BELOW:

	Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A.					
B.					
C.					
D.					

FAILURE TO COMPLETE THE ABOVE MAY RESULT IN THE BID BEING DECLARED NON-RESPONSIVE

Revised Typical Section Plans Sheet No. 3 for addendum No. 3

MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
N.W. 37TH AVENUE
FROM N.W. 36TH STREET TO N.W. 79TH STREET
PROJECT NO. 20040330 SHEET 3 OF 371

TYPICAL SECTION NOTES:

- ALL EXISTING LIMEROCK BASE THAT IS REMOVED IS TO BE INCORPORATED INTO THE STABILIZED PORTION OF THE SUBGRADE AND IS NOT TO BE USED IN CONSTRUCTION OF THE PROPOSED BASE.
- EXTEND LIMEROCK BASE (8" THICK) 6" OUTSIDE EDGES OF PAVEMENT AT ALL CONNECTIONS AND INTERSECTIONS TO COUNTY STREETS AND ROADS.
- STABILIZE ALL TURNOUTS AND INTERSECTIONS TO COUNTY ROADS AND STREETS TO A DEPTH OF 12" (MIN CBR OF 30) AND 12" OUTSIDE EDGES OF PAVEMENT, 6" BACK OF CURB.
- DROP CURB & DRIVEWAY CONNECTIONS SHALL BE PROVIDED FOR ACCESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE PROJECT CONSTRUCTION. FINAL LOCATION OF DRIVEWAY ACCESS TO BE DETERMINED BY THE ENGINEER.

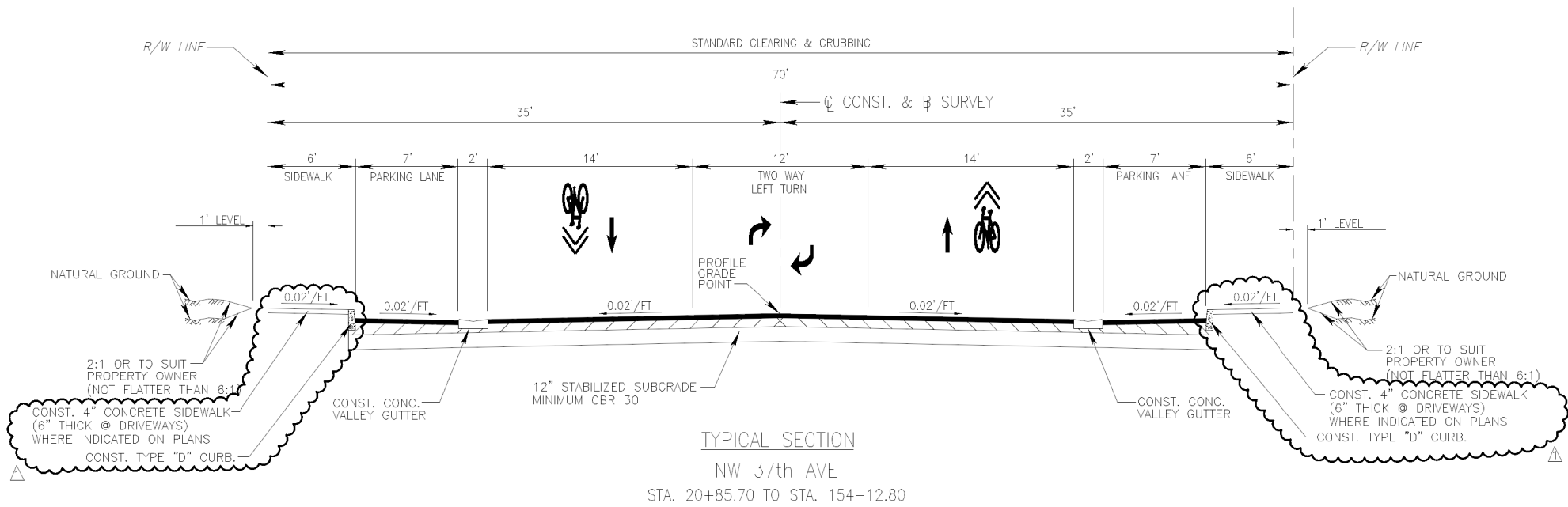
5. COST OF LIMEROCK BASE BENEATH CURB & GUTTER AND TYPE D CURB ARE TO BE INCLUDED IN COST OF C & G (ITEM 520-1-10), AND TYPE D CURB (ITEM 520-2-12).

MILLING AT S.R.25 / NW 36TH STREET AND NW 37TH AVE
(STA. 18+20.00 TO STA. 20+85.70)

MILL EXISTING ASPHALT PAVEMENT 2" AVG. DEPTH
(1 3/4" AVG. DEPTH BELOW LIP OF GUTTER AT LOW SIDE)

RESURFACING S.R.25 / NW 36TH STREET AND NW 37TH AVE
(STA. 18+20.00 TO STA. 20+85.70)

TYPE 'SP' STRUCTURAL COURSE (TRAFFIC C) (1" THICK) AND
FRICTION COURSE FC-9.5 (1" THICK)



NEW CONSTRUCTION
CONST. LIMEROCK BASE (8" THICK) (PRIMED) WITH
HOT MIX ASPHALT (TRAFFIC C) (SP-12.5) (2" THICK)
AND HOT MIX ASPHALT FRICTION COURSE (TRAFFIC C)(FC-9.5) (1" THICK)

DESIGN SPEED 45 MPH

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/15/21	E.S.	REVISED TO TYPE D CURB			

ENGINEER OF RECORD:



A&P Consulting Transportation
Engineers Corporation
8935 N.W. 35 Lane Street, Suite 200
Coral FL 33172
(305) 593-7283 / fax (305) 593-1504
E.A. No.: EEP-0007797
Eliel M. Sierra, P.E. No 55401

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
EL	EL	01-15-21	EG	EG	01-18-21
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
EMS	EMS	04-29-21	EMS	EMS	01-22-21
SUPERVISED BY: EMS					



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

TYPICAL SECTION

P:\E05-PW-07\Roadway\TYP-SEC_Rev01.dgn 10/15/2021 3:58:07 PM

APCTE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

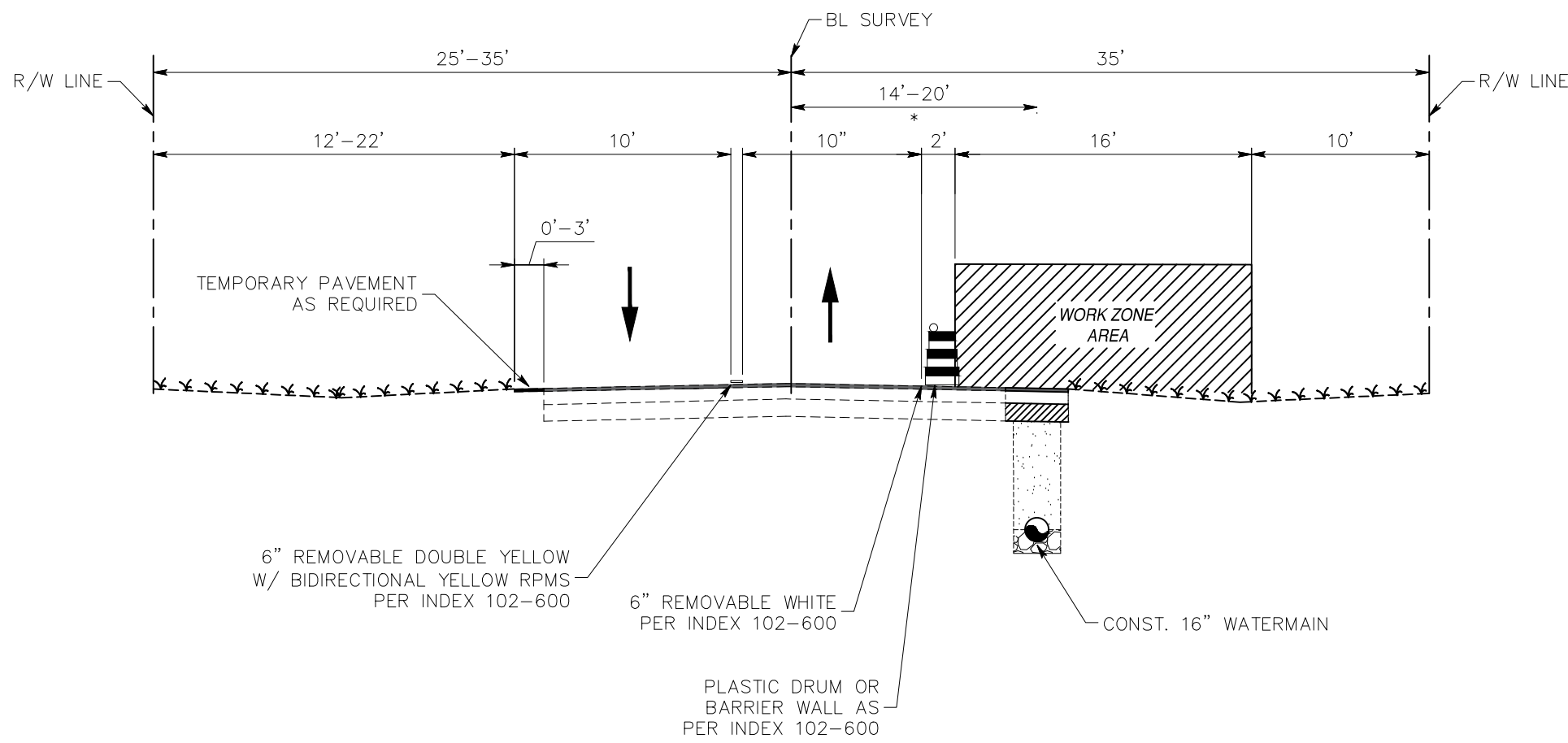
MIAMI-DADE COUNTY PUBLIC WORKS DEPT.
HIGHWAY DIVISION
N.W. 37TH AVENUE
FROM N.W. 36TH STREET TO N.W. 79TH STREET
PROJECT NO. 20040330 SHEET 264 OF 371

[illegible]

1. ITEMS 715-1-12, 715-1-13 & 715-4-122: INCLUDE CONDUCTORS AS INDICATED IN THE PLANS, THE FDOT DESIGN STANDARDS AND MIAMI - DADE COUNTY MAINTENANCE AGENCY SPECIFICATIONS. PAYMENT SHALL BE MADE BASED ON LINEAR FEET OF SINGLE CONDUCTOR. CONDUCTOR SHALL BE ALUMINUM.
2. ITEMS 630-2-11 AND 630-2-12 INCLUDE CONDUIT, ELBOWS, SWEEPS, CONNECTING HARDWARE, TRENCHING AND BACKFILL AS INDICATED IN THE PLANS, THE FDOT DESIGN STANDARDS, AND MIAMI-DADE COUNTY MAINTENANCE AGENCY SPECIFICATIONS. THE LINEAR FOOT PRICE FOR CONDUIT SHALL ALSO INCLUDE THE COST OF RESTORING CUT PAVEMENT, SIDEWALKS, SOD, ETC., TO ITS ORIGINAL OR BETTER CONDITION. SOD SHALL BE REPLACED IN LIKE KIND OF THE ADJACENT SURROUNDINGS.
3. ITEM 715-7-11A INCLUDES SERVICE POLE INSULATORS, WEATHERHEADS, TRANSFORMERS, ENCLOSURES, PANEL BOARDS, BREAKERS, FUSES, LIGHTNING PROTECTOR, PHOTO-ELECTRIC ASSEMBLY, CONDUIT, FEEDER CONDUCTORS, PULL BOX AND ALL MISCELLANEOUS HARDWARE FOR A COMPLETE INSTALLATION AS PER PLANS AND MIAMI - DADE COUNTY STANDARD SERVICE POINT DETAIL, ALSO INCLUDES THE COST OF FURNISHING AND INSTALLING TYPE N-11 CONCRETE POLE.

-
- A circular professional engineer seal for Alex F. Guon, State of Florida. The seal contains the text: ALEX F. GUON, LICENSE, No. 53247, 10/15/2021, STATE OF FLORIDA, PROFESSIONAL ENGINEER. The seal is stamped in blue ink on a white background.

LIGHTING
TABULATION OF QUANTITIES



NW 37TH AVENUE
STA. 20+75.00 TO STA 165+00.00

PHASE I

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS PER TRAFFIC CONTROL PLAN AND CHANNELIZING DEVICES IN CONFORMANCE WITH REQUIREMENTS OF INDEX 102-600, 102-601, 102-602, 102-603, AND 102-660.
2. MAINTAIN CROSS STREET TRAFFIC IN ACCORDANCE WITH INDEXES 102-604 AND 102-605.
3. INSTALL WATER MAIN PIPE.
4. RESTORE ROADWAY PAVEMENT ASPHALT, REMOVE TEMPORARY PAVEMENT MARKINGS, INSTALL SIGNING AND PAVEMENT MARKINGS WITHIN THE ENTIRE WORK AREA.
5. OPEN LANES TO TRAFFIC.

NOTES:

- * DISTANCE FROM CENTERLINE OF PROPOSED WATER MAIN PIPE TO BL SURVEY
POSTED SPEED LIMIT: 20 MPH WITHIN THE WORK ZONE TRAVEL WAYS

MIAMI-DADE
COUNTY

Delivering Excellence Every Day

WATER & SEWER
DEPARTMENT

3575 S. LEJEUNE RD.
MIAMI, FL 33133
305-665-7471
www.miamidade.gov/water

A&P

ENGINEERS

CA No.: EB-0007797
8935 NW 35LN STREET, SUITE 200
MIAMI, FL 33172
305-592-7283
www.apcte.com

HBC

Engineering
Company

CA No.: 27160
8935 NW 35LN STREET, SUITE 201
MIAMI, FL 33172
305-232-7932
www.hbcengineeringco.com

PROPOSED 16-INCH WATER MAIN ALONG NW 37th AVE.
FROM NW 36th STREET TO NW 82nd STREET
ISD PROJECT No. E15-WASD-03B
ER W017529; PCTS No. 16054
TEMPORARY TRAFFIC CONTROL PLAN

DRAWING HISTORY

RELEASED FOR	DATE	BY
1 90% SUBMITTAL	05/14/20	H.L.
2 PERMITTING	10/07/20	H.L.
3 100% SUBMITTAL	03/05/21	H.L.

REVISIONS

No.	DESCRIPTION	DATE	BY
△ 1	REVISION #1	10/21/21	D.O.

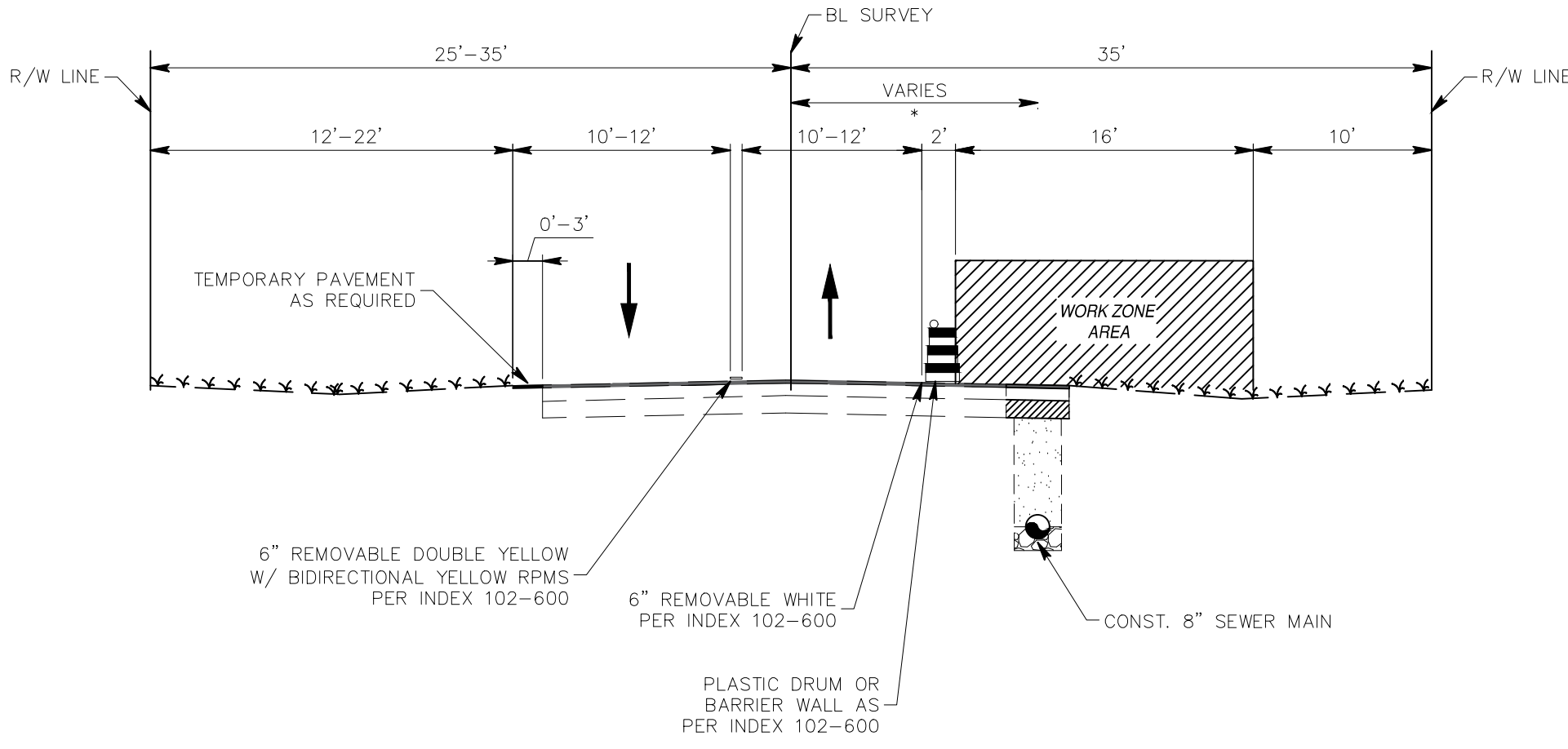
APPROVALS

PROJECT MGR:	CHECKED: H.L.
DESIGNED: J.F.	DRAWN: J.F.
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

HERNAN A. LUGO, P.E.
CIVIL ENGINEER
State of Florida - License No. 74961
8935 NW 35th LN, SUITE 201,
MIAMI FL 33172
(305) 232-7932

FILE NAME:
TCTPR001.dwg

DATE: 03/03/2021	SCALE: AS SHOWN
SHEET P-69 OF 171	
DWG. No.	



NW 37TH AVENUE
STA. 28+34.63 TO STA 164+19.06

ALL PHASES

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS PER TRAFFIC CONTROL PLAN AND CHANNELIZING DEVICES IN CONFORMANCE WITH REQUIREMENTS OF INDEX 102-600, 102-601, 102-602, 102-603, AND 102-660.
2. MAINTAIN CROSS STREET TRAFFIC IN ACCORDANCE WITH INDEXES 102-604 AND 102-605.
3. INSTALL SEWER MAIN PIPE.
4. RESTORE ROADWAY PAVEMENT ASPHALT, REMOVE TEMPORARY PAVEMENT MARKINGS, INSTALL SIGNING AND PAVEMENT MARKINGS WITHIN THE ENTIRE WORK AREA.
5. OPEN LANES TO TRAFFIC.

NOTES:

- * DISTANCE FROM CENTERLINE OF PROPOSED SEWER MAIN PIPE TO BL SURVEY
POSTED SPEED LIMIT: 20 MPH WITHIN THE WORK ZONE TRAVEL WAYS

MIAMI-DADE
COUNTY

Delivering Excellence Every Day

WATER & SEWER
DEPARTMENT

3575 S. LEJUNE RD.
MIAMI, FL 33133
305-465-7471
www.miamidade.gov/water

HBC

Engineering
Company

CA No.: 27160

8935 NW 35th STREET, SUITE 201
MIAMI, FL 33172
305-232-7932
www.hbcengineeringco.com

PROPOSED SANITARY SEWER SYSTEM ALONG NW 37th AVE.
FROM SR 112 TO NW 82ND STREET - PHASE I
ISD PROJECT No. E15-WASD-03B
ER S050015; PCTS No. 16073

TEMPORARY TRAFFIC CONTROL PLAN

DRAWING HISTORY			
	RELEASED FOR	DATE	BY
1	90% SUBMITTAL	08/21/20	H.L.
1	PERMIT SUBMITTAL	10/28/20	H.L.
1	PERMIT RESUBMITTAL	1/20/21	H.L.
1	100% SUBMITTAL	03/05/21	H.L.
REVISIONS			
No.	DESCRIPTION	DATE	BY
△	REVISION #1	10/21/21	D.O.
APPROVALS			
PROJECT MGR:		CHECKED: H.L.	
DESIGNED: J.F.		DRAWN: D.O.	
CHIEF ENGINEER:			
SECTION HEAD:			
DESIGN MGR.:			
HERNAN A. LUGO, P.E. CIVIL ENGINEER State of Florida – License No. 74961 8935 NW 35th LN, SUITE 201, MIAMI FL 33172 (305) 232-7932			
FILE NAME:TCTYR001.DWG			
DATE: 03/05/2021		SCALE: AS SHOWN	
SHEET P-47 OF 104			
DWG. No.			

FLORIDA EAST COAST RAILWAY, L.L.C. INSURANCE REQUIREMENTS

A. Liability Insurance. During the Term of this Contract, Contractor shall purchase and maintain: (i) Commercial General Liability Insurance ("CGL"), with contractual liability covering obligations assumed in this Contract (including any agreements entered into between the parties pursuant hereto) by Contractor, providing for available limits of not less than \$6,000,000 single limit, bodily injury and/or property damage combined, for damages arising out of bodily injuries to or death of all persons in each occurrence and for damage to or destruction of property, including the loss of use thereof, in each occurrence, including Federal Employers Liability Act claims ("FELA") against the FECR, or other liability arising out of or incidental to railroad operations; (ii) at FECR's option, Contractor will obtain a policy of Railroad Protective Liability with liability limits of \$2,000,000 per occurrence, \$6,000,000 aggregate with FECR as the only named insured; (iii) Statutory Workers' Compensation, Employer's Liability Insurance with available limits of not less than \$1,000,000 and Occupational Disease Insurance; (iv) if any motor vehicles are used in connection with the Services to be performed hereunder (or in connection with any agreements entered into between the parties pursuant hereto), Business Automobile Liability Insurance with limits of not less than \$1,000,000 single limit, bodily injury and/or property damage combined, for damages to or destruction of property including the loss of use thereof, in any one occurrence; and (v) if professional services are being rendered by Contractor, Professional Liability coverage in an amount not less than \$1,000,000. If, in FECR's opinion, a higher limit of liability is necessary for any insurance policy required hereunder, FECR shall so notify Contractor and Contractor shall, within thirty (30) days of receipt of such notice, provide a copy of the endorsement to the appropriate policy increasing the liability coverage to the required limit. Such insurance will include a minimum of two years' tail coverage necessary to cover claims occurring during the Term but which may not be brought until after termination of this Contract.

B. Policy Requirements. All insurance required hereunder shall be affected by valid and enforceable policies issued by insurer(s) of financial responsibility and authorized to do business in all necessary states, all subject to the reasonable prior approval of FECR. Contractor's liability insurance policies shall name FECR, its parent, affiliates and subsidiaries as additional insureds and will not have any exclusion for liability relating to railroad operations or contractual liability for construction or demolition within fifty (50) feet of FECR's tracks by endorsement. Contractor's Workers' Compensation and property insurance policies shall include waivers of subrogation rights endorsements in favor of FECR. All policies shall contain a provision for thirty (30) days' written notice to FECR prior to any expiration or termination of, or any change in, the coverage provided. Contractor shall provide FECR with at least thirty (30) days' written notice prior to such expiration, termination or change in any insurance coverage. Insurance Company must be issued by a casualty company/insurance company authorized to do business in the State of Florida that has a "Best's" rating of A or A+ and a financial category size of Class XII or higher. Prior to any entry upon FECR property pursuant to this Contract and upon FECR's request thereafter, Contractor shall provide or shall cause its insurer or insurance agent to provide FECR with a certificate of insurance certifying the liability insurance policies in effect for the Term of this Contract. The liability assumed by Contractor under this Contract, including, but not limited to, Contractor's indemnification obligations, shall not be limited to the insurance coverage stipulated herein.

EXHIBIT G - INSURANCE REQUIREMENTS FOR FDOT, SFRTA AND CSXT CROSSINGS.

All contractors working in the SFRC are required to have Railroad Protective Public Liability and Railroad Protective Property Damage Liability insurance where the Florida Department of Transportation (FDOT), South Florida Regional Transportation Authority (SFRTA), and CSX Transportation, INC (CSXT) are named insureds, and with limits not less than \$ 2,000,000.00 combined single limit for bodily injury and/or property damage per occurrence and with an annual aggregate limit of no less than \$ 6,000,000.00. Contractor will furnish the FDOT and SFRTA a Certificate of Insurance showing that the contractor carries liability insurance (applicable to the job in question) in the amounts set forth above. Such insurance is to conform with the requirements of the U.S. Department of Transportation, Federal Highway Administration, Federal Aid Policy Guide.