

P:\02020500293 8N SEWER MOT NW 37 AVE (APCTE)\E15WAS03B\ROADWAY\PHASE 1\REVISION 1\TCGRD001.DWG

Revised Set of Plans for Addendum No. 1

TRAFFIC CONTROL NOTES:

- TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS, JANUARY 2020, (102-600 SERIES), MIAMI-DADE TRANSPORTATION AND PUBLIC WORKS STANDARDS, THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
- THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHOLES THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIXED ASPHALT ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABORS AND MATERIALS ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
- NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE OR DETOUR BY SUBMITTING THE REQUIRED ELECTRONIC LANE CLOSURE FORM, SKETCHES, CALCULATIONS, AND OTHER DATA TO THE ENGINEER, M-DWASD, AND THE FDOT DISTRICT 6 AND MIAMI-DADE COUNTY PUBLIC WORKS TRAFFIC OPERATIONS OFFICE.
- AT THE DISCRETION OF THE ENGINEER, M-DWASD, FDOT AND MIAMI-DADE COUNTY TRAFFIC ENGINEERING, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
- LANE CLOSURES SHALL OCCUR ONLY DURING NON-PEAK HOURS. NON-PEAK HOURS ARE: FROM 9:00 AM TO 4:00 PM MONDAY THROUGH FRIDAY. THE CONTRACTOR SHALL OBTAIN M-DWASD AND MIAMI DADE PUBLIC WORKS APPROVAL FOR ANY WORK TO BE PERFORMED OUTSIDE THE NON-PEAK HOURS SPECIFIED. NO EXISTING LANES SHALL BE CLOSED ON SATURDAY, SUNDAY, OR ANY HOLIDAY. NO EXISTING LANES SHALL BE CLOSED ON A FRIDAY PRECEDING A SATURDAY HOLIDAY OR THE MONDAY FOLLOWING A SUNDAY HOLIDAY. NO EXISTING LANE SHALL BE CLOSED DURING SPECIAL EVENT DATES AS DETERMINED BY THE ENGINEER. THE ENGINEER MAY ADJUST LANE CLOSURE TIMES IF CONDITIONS WARRANT. WHEN UNDUE CONGESTION OCCURS, THE CONTRACTOR SHALL REOPEN ALL LANES TO TRAFFIC.
- REGULATORY SPEED ESTABLISHED WITHIN THE WORK ZONE TRAVEL WAYS SHALL BE 20 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE STANDARD INDEXES.
- AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- TWO CONSTRUCTION INFORMATION SIGNS ARE REQUIRED FOR THIS PROJECT AND SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR SHALL NOT PROPOSE AN ALTERNATIVE TRAFFIC CONTROL PLAN THAT REDUCES THE NUMBER OF TRAVEL LANES SHOWN ON THE CONTRACT TRAFFIC CONTROL PLANS.
- ARROWS SHOWN ON THE TRAFFIC CONTROL PLANS DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
- LANE CLOSURES SHALL NOT BE PERMITTED DURING SCHOOL SPEED ZONE HOURS WHERE SUCH CLOSURES WILL AFFECT TRAFFIC FLOW IN THE VICINITY OF THE SCHOOL SPEED ZONES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE STORM SEWER SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- CONTRACTOR SHALL GUARANTEE, TO THE HOMEOWNER/BUSINESS OWNER, ACCESS AT ALL TIMES DURING CONSTRUCTION PHASE.

FLAGMEN

- IN ACCORDANCE WITH THE SPECIFICATIONS, THE CONTRACTOR SHALL, FURNISH FLAGMEN AS NECESSARY TO CONTROL TRAFFIC (UNLESS OTHERWISE DIRECTED BY THE ENGINEER FOR M-DWASD OR CITY OF NORTH MIAMI BEACH PUBLIC WORKS).
- NO WORK OR ACTIVITY SHALL BEGIN UNTIL ALL REQUIRED SAFETY ITEMS AND PERSONNEL ARE IN THEIR PROPER POSITIONS WITH APPROPRIATE SAFETY GEAR.

MARKINGS

- 1

1.
- ALL CONFLICTING PAVEMENT MARKINGS AND MARKERS SHALL BE REMOVED BY THE CONTRACTOR. COST OF REMOVAL OF CONFLICTING PAVEMENT MARKINGS AND WORK ZONE PAVEMENT MARKINGS (INCLUDING THERMOPLASTIC, PAINT, TAPE AND MARKERS) TO BE INCLUDED IN THE COST OF MAINTENANCE OF TRAFFIC. COST OF REMOVAL OF PAVEMENT MARKINGS AND MARKERS, EXISTING PRIOR TO CONSTRUCTION, TO BE INCLUDED IN MAINTENANCE OF TRAFFIC. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKINGS IS NOT ALLOWED.
- TEMPORARY LANE TRANSITIONS, SHIFTS, AND CROSSTOVERS SHALL HAVE SOLID LANE AND EDGE LINES FOR THE LENGTH OF THE TRANSITION, SHIFT OR CROSSTOVER. IN ADDITION, SOLID LANE AND EDGE LINES SHALL EXTEND 100 FEET ON TANGENT BEYOND EACH TRANSITION, SHIFT, OR CROSSTOVER. EXCEPTION SHALL BE THROUGH INTERSECTIONS WHERE 2-4 FT SKIP LINES SHALL BE PLACED.
 - CONTRACTOR SHALL CONSTRUCT TEMPORARY ASPHALT SECTIONS PRIOR TO EXCAVATION ACTIVITIES OR DISRUPTIONS TO TRAFFIC.

DROP OFFS:

- FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX NO. 102-600, SHEET 8 OF 11. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS. COST TO BE INCLUDED IN MAINTENANCE OF TRAFFIC.

SIGNALS:

- CONTRACTOR SHALL NOTIFY MIAMI DADE COUNTY SIGNS AND SIGNALS DIVISION LOCATED AT 7100 N.W. 36TH STREET MIAMI, FLORIDA 33166 AND PHONE NO. (305) 592-3470, 48 HOURS PRIOR TO ANY MODIFICATION OF AN EXISTING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR THE MAINTENANCE OF THE EXISTING OR TEMPORARY TRAFFIC SIGNAL(S) WITHIN THE PROJECT LIMITS. COST OF RELOCATING TRAFFIC SIGNAL HEADS, PROVIDING AND REMOVING TEMPORARY SIGNALS, AND MAINTAINING THE EXISTING OR TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR SHALL MAINTAIN ONLINE COMMUNICATION OF EXISTING OR TEMPORARY SIGNALIZATION VIA INTERCONNECT OR PHONE LINE DURING CONSTRUCTION. CONTRACTORS SHALL PROVIDE TEMPORARY LINES AND CONNECTIONS IF NECESSARY. COST OF ESTIMATING COMMUNICATION, INCLUDING TEMPORARY LINES AND CONNECTIONS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.

WORK ZONE LIMITS:

- THE LENGTH OF WORK ZONE SHALL BE NO MORE THAN 300 FEET. NO MORE THAN TWO SIDE STREETS/ DRIVEWAYS SHALL BE WITHIN THE LENGTH OF THE WORK ZONE AT ANY TIME.
- NO STREET SHALL BE COMPLETELY BLOCKED, NOR BLOCKED MORE THAN ONE-HALF AT ANY TIME, KEEPING THE OTHER ONE-HALF OPEN FOR TRAFFIC, WITHOUT SPECIFIC APPROVAL OR AS INDICATED IN THE PLANS.
- PROPERTY ACCESS SHALL BE MAINTAINED IN ACCORDANCE TO ARTICLE 102-5.5 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2018.

INTERSECTIONS:

- ADJACENT INTERSECTIONS SHALL NOT BE CONSTRUCTED SIMULTANEOUSLY UNLESS DIRECTED BY THE FIELD ENGINEER.
- INTERSECTIONS SHALL BE RECONSTRUCTED WORKING ON A CONTINUOUS DAILY BASIS UNTIL COMPLETE AND UNTIL THE STRUCTURAL COURSE IS PLACED.
- WORK AT MAJOR INTERSECTIONS SHALL BE DONE CONTINUOUSLY UNTIL THE ROAD HAS BEEN PAVED AND DROP OFFS SAFELY SLOPED.
- TRANSITIONS AND TEMPORARY INTERSECTION CROSSTOVERS, WHERE CONSTRUCTION HAS CAUSED GRADE DIFFERENCES BETWEEN THE EXISTING AND NEW ROADWAYS, SHALL BE CONSTRUCTED USING A 1:20 TYPE S ASPHALT CONCRETE SLOPE TO ACCOMMODATE VEHICULAR TRAFFIC FROM ANY DIRECTION. ALL MATERIAL AND WORK, INCLUDING ITS

REMOVAL, SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.

PEDESTRIAN, BICYCLES AND WHEELCHAIRS:

- AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH THE SAID PATHS OR PROTECTED WITH BARRICADES, A TEMPORARY CONCRETE BARRIER WALL, OR APPROVED HANDRAIL. THE COST OF BACKFILLING AND/OR USE OF OTHER METHODS TO PROTECT THE PEDESTRIAN, BICYCLE AND WHEELCHAIR TRAVEL PATHS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE MAINTAINED AND GUIDED USING APPROVED WARNING LIGHTS, SIGNING, AND DELINEATION DEVICES ON AT LEAST ONE SIDE OF THE PROJECT AT ALL TIMES THROUGHOUT THE PROJECT LIMITS. THE TRAVEL PATH SHALL BE A MINIMUM OF 4 FT WIDE WITH A SMOOTH SURFACE THAT IS NOT SLICK, AND IT SHOULD BE RAMPED AS NECESSARY FOR CONTINUITY. COST TO CONSTRUCT AND MAINTAIN THE TRAVEL PATH AS REQUIRED SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
- FOR PEDESTRIAN PATHWAYS IMPACTED DURING THE CONSTRUCTION PHASE, CONTRACTOR SHALL REFER TO F.D.O.T STANDARD INDEX 102-660.

FOR SEWER MAIN UNDER ROAD PERMANENT RESTORATION NOTES:

- REFER TO MIAMI-DADE WASD AND PUBLIC WORKS DETAIL FOR BACKFILL AND PERMANENT PAVEMENT STANDARDS FOR TRENCHES.
- FULL MILLING, RESURFACING AND RESTORATION (FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT) WILL BE REQUIRED ON ALL ROADWAYS AFFECTED BY THE CONSTRUCTION OF THE PROJECT. FULL INTERSECTION RESTORATION (POINT OF CURVATURE TO POINT OF CURVATURE) WILL BE REQUIRED ON ANY INTERSECTION AFFECTED BY THE CONSTRUCTION OF THE PROJECT.

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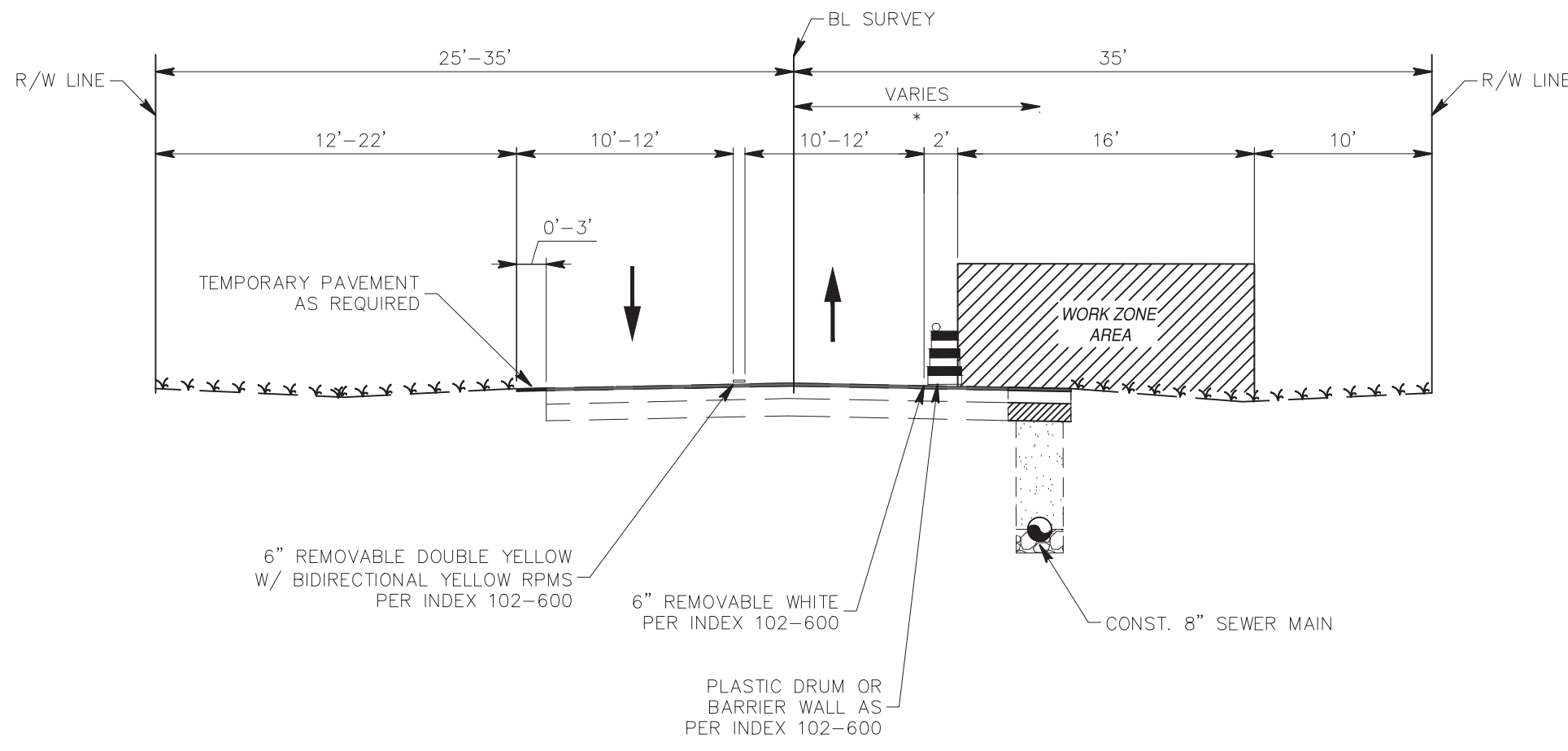
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PROPOSED SANITARY SEWER SYSTEM ALONG NW 37th AVE.
FROM SR 112 TO NW 82ND STREET - PHASE I
ISD PROJECT No. E15-WASD-03B
ER S050015; PCTS No. 16073

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	10/11/21	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:TCGRD01.DWG			
DATE: 03/05/2021		SCALE: AS SHOWN	
SHEET P-46 OF 104			
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: 30 mph

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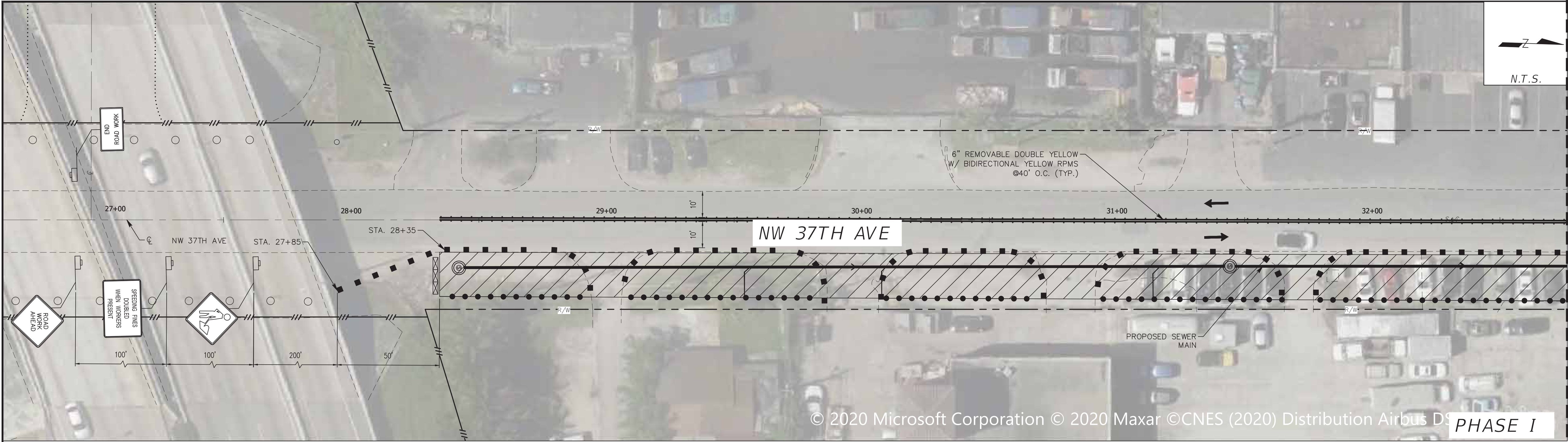
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SECTION HEAD:			
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DATE: 03/05/2021		SCALE: AS SHOWN	
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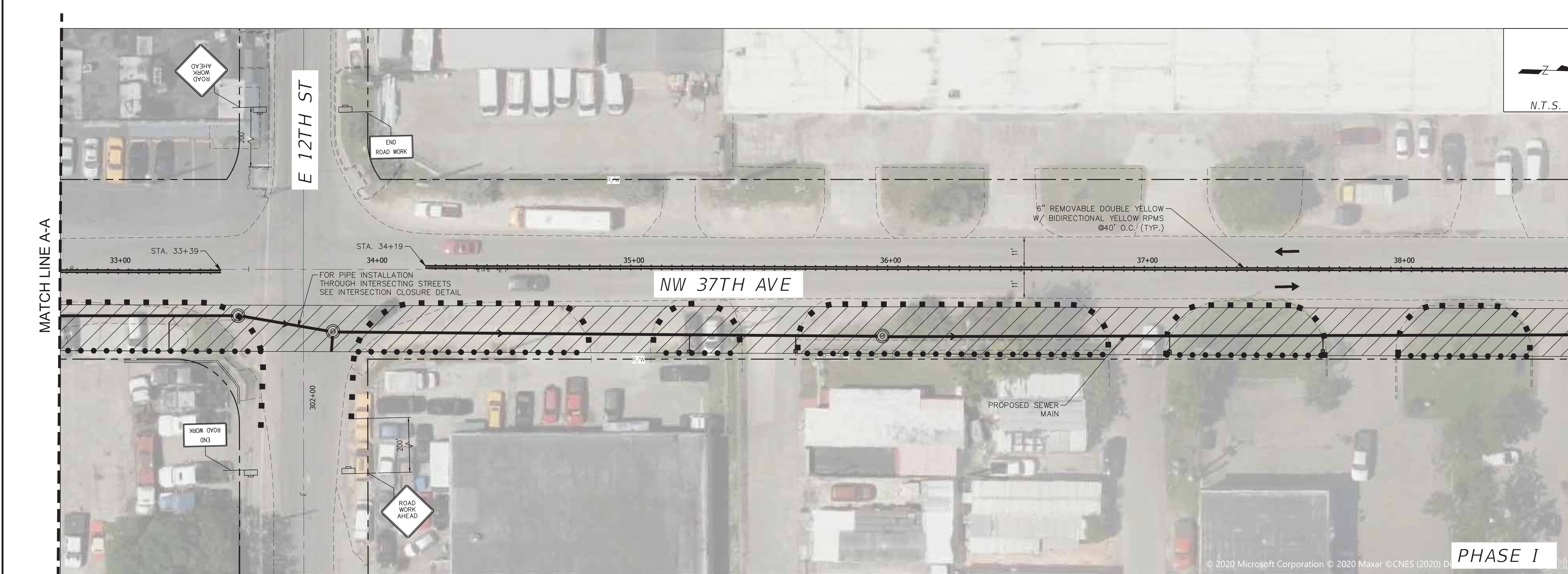


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PHASE I

LEGEND:

- WORK AREA
DIRECTION OF TRAFFIC
WORK ZONE SIGN
TYPE I OR TYPE II CHANNELIZING DEVICE
PED. LONGITUDINAL CHANNELIZING DEVICE



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PHASE I

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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

APPROVALS

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

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FILE NAME: TCDSD001 PHASE I.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-48 OF 104
DWG. No.



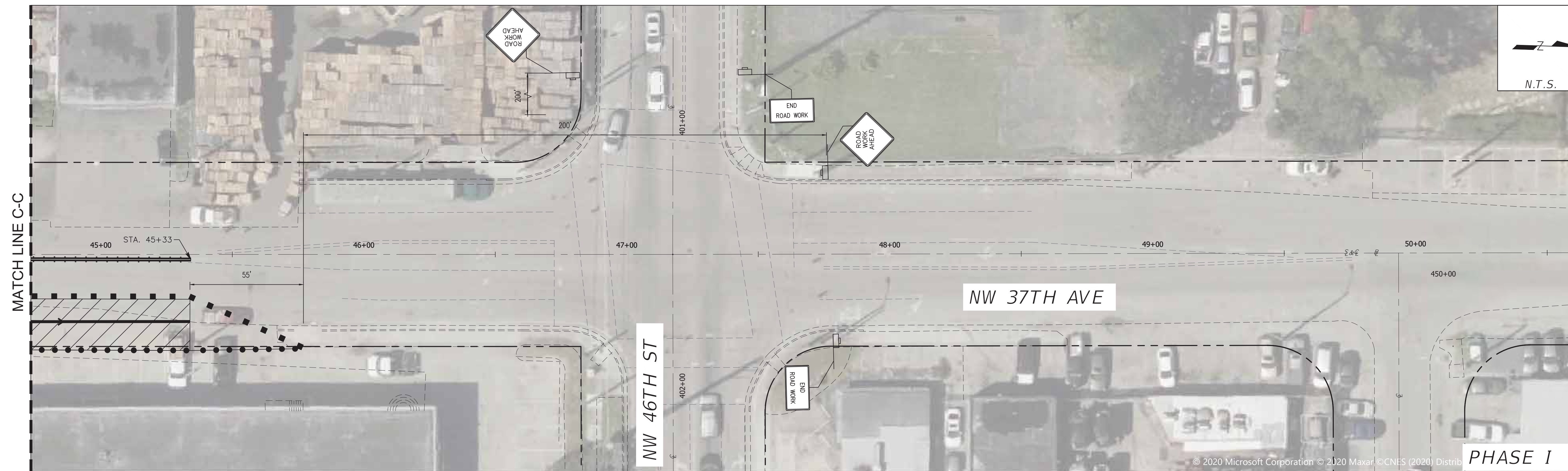
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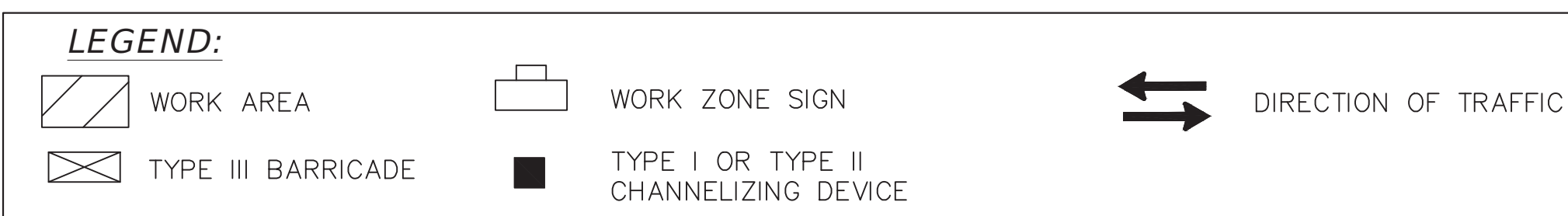
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APPROVALS	
PROJECT MGR:	CHECKED: H.L.
DESIGNED: J.F.	DRAWN: D.O.
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

FILE NAME: TCDSRD01 PHASE 1.DWG	
DATE: 03/05/2021	SCALE: AS SHOWN
SHEET P-49 OF 104	
DWG. No.	





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

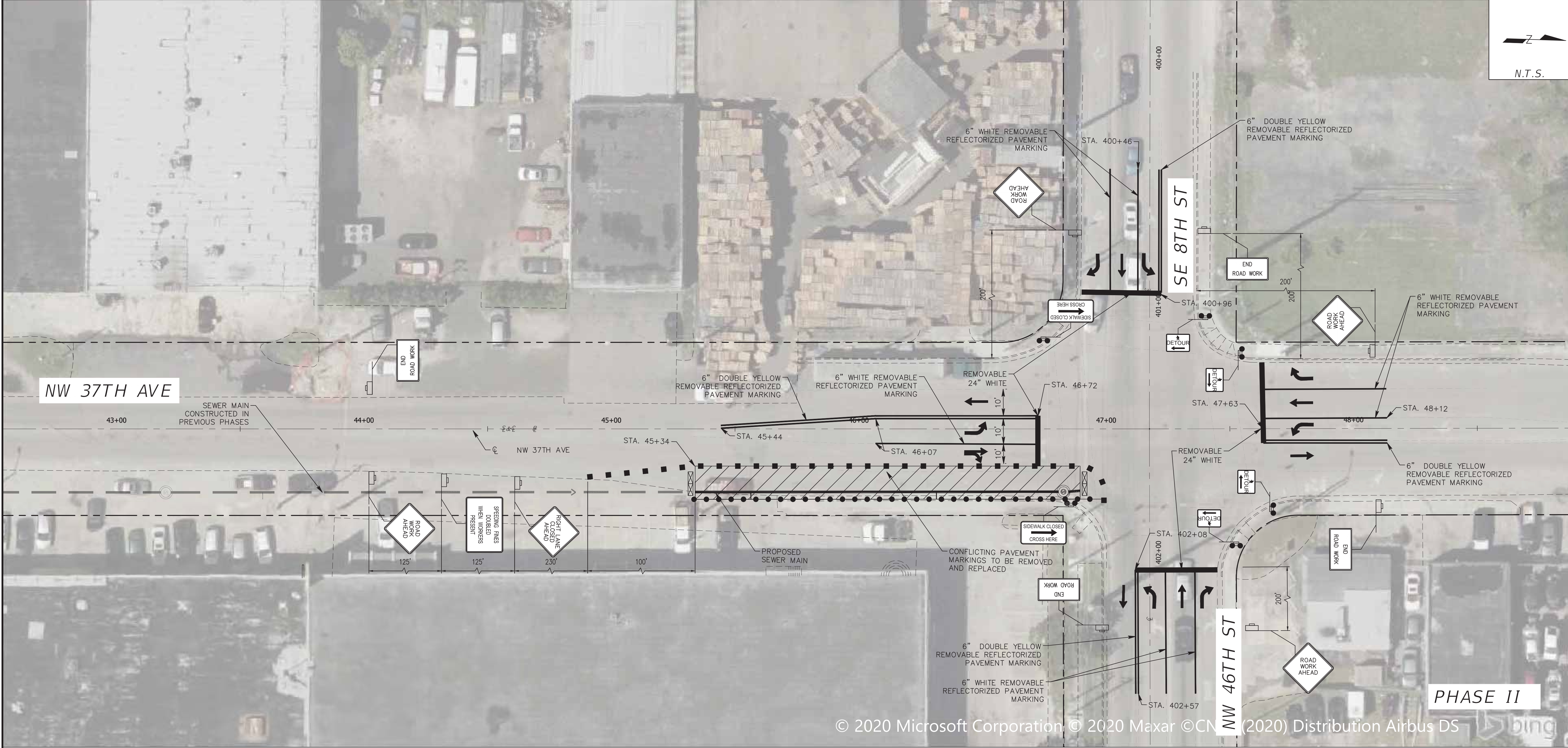
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CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

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ER S050015; PCTS No. 16073

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DESIGNED: J.F.	DRAWN: D.O.
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

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FILE NAME: TCDSD003 PHASE II.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-51 OF 104
DWG. No.

WORK AREA

TYPE III BARRICADE

WORK ZONE SIGN

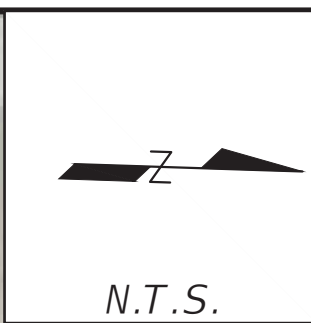
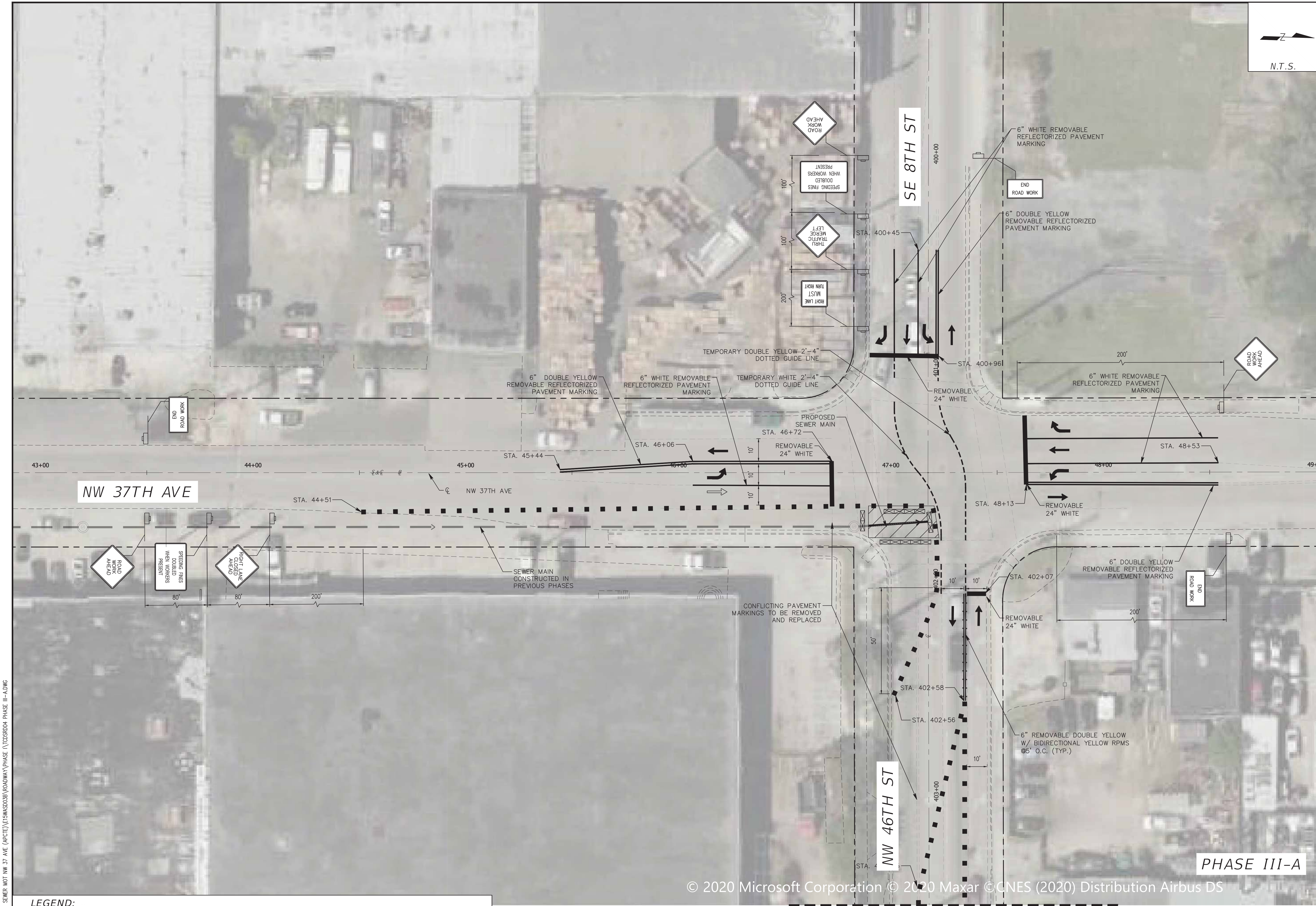
TYPE I OR TYPE II CHANNELIZING DEVICE

PED. LONGITUDINAL CHANNELIZING DEVICE

PED. LONGITUDINAL CHANNELIZING DEVICE WITH MOUNTED WORK ZONE SIGN

DIRECTION OF TRAFFIC

P:\020205050293 8N SEWER MOT NW 37 AVE (APCTE)\E15WASD03B\ROADWAY\PHASE I\TCDSD003 PHASE II.DWG



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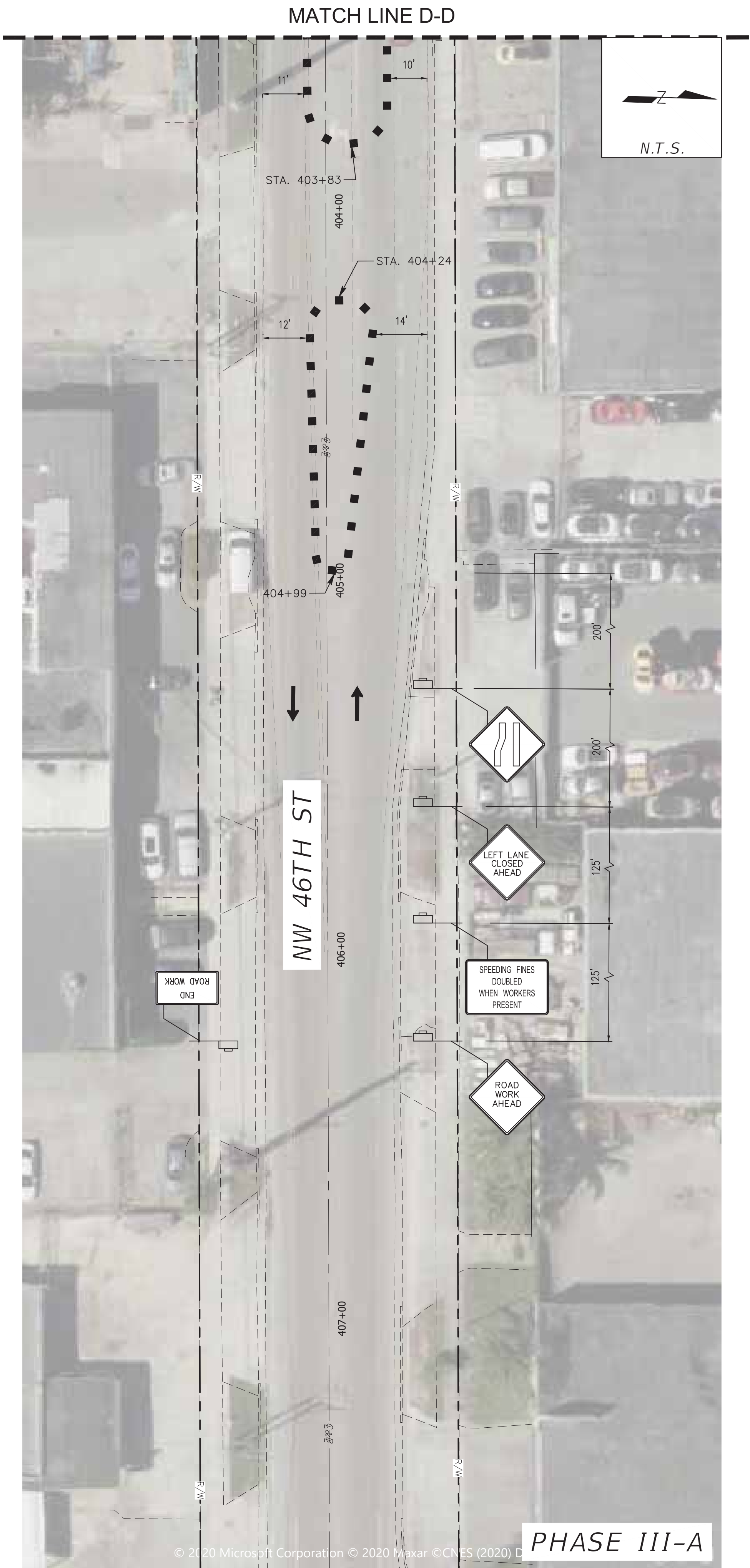
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DATE: 03/05/2021 SCALE: AS SHOWN
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LEGEND:

	WORK AREA		WORK ZONE SIGN		DIRECTION OF TRAFFIC
	TYPE III BARRICADE		TYPE I OR TYPE II CHANNELIZING DEVICE		TEMPORARY PAVEMENT MARKINGS



LEGEND:

- WORK ZONE SIGN
- TYPE I OR TYPE II CHANNELIZING DEVICE

DIRECTION OF TRAFFIC

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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

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

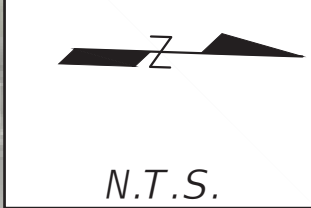
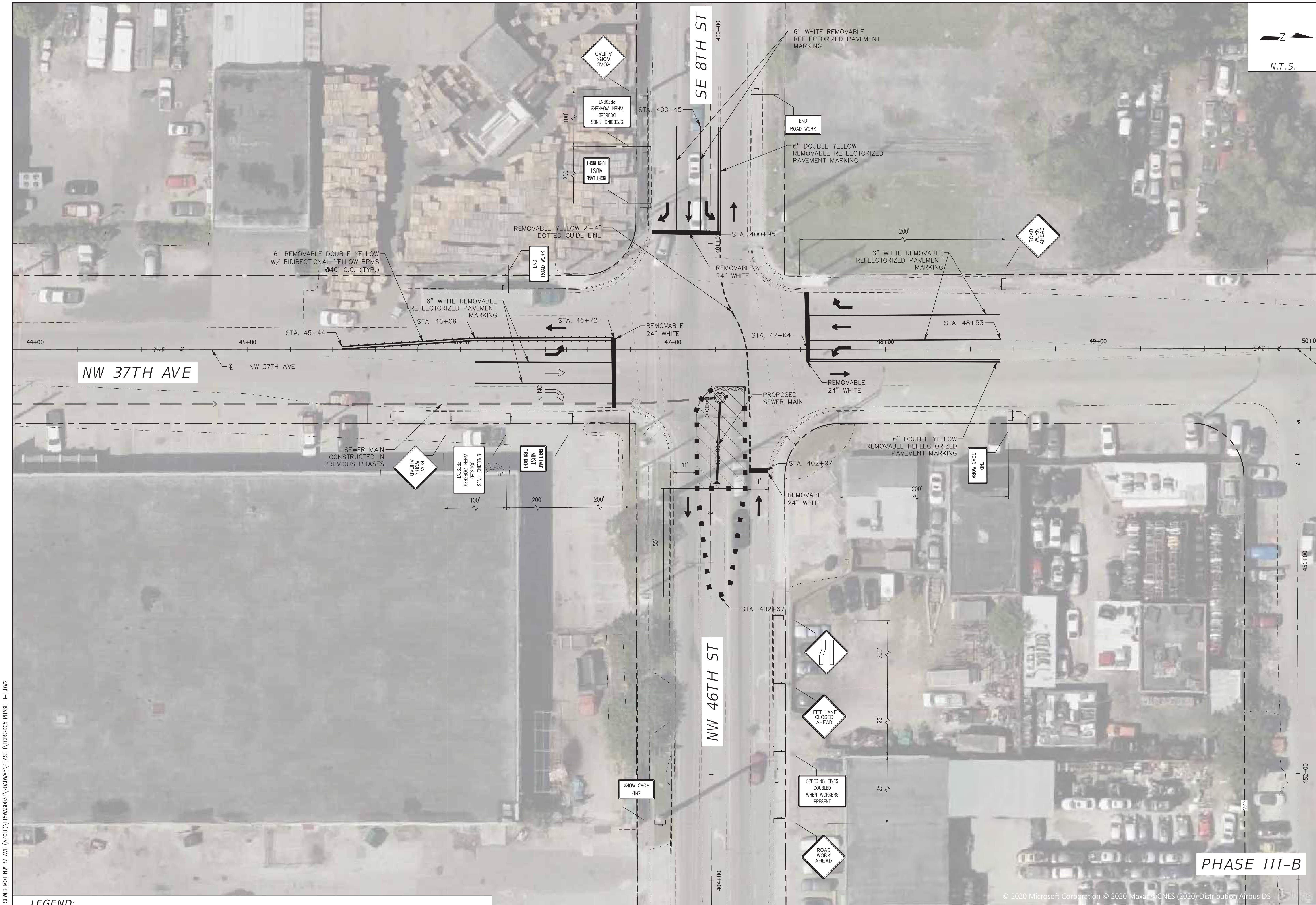
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FILE NAME: TQDSR004 PHASE III-A.DWG

DATE: 03/05/2021 SCALE: AS SHOWN

SHEET P-53 OF 104

DWG. No.



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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.	

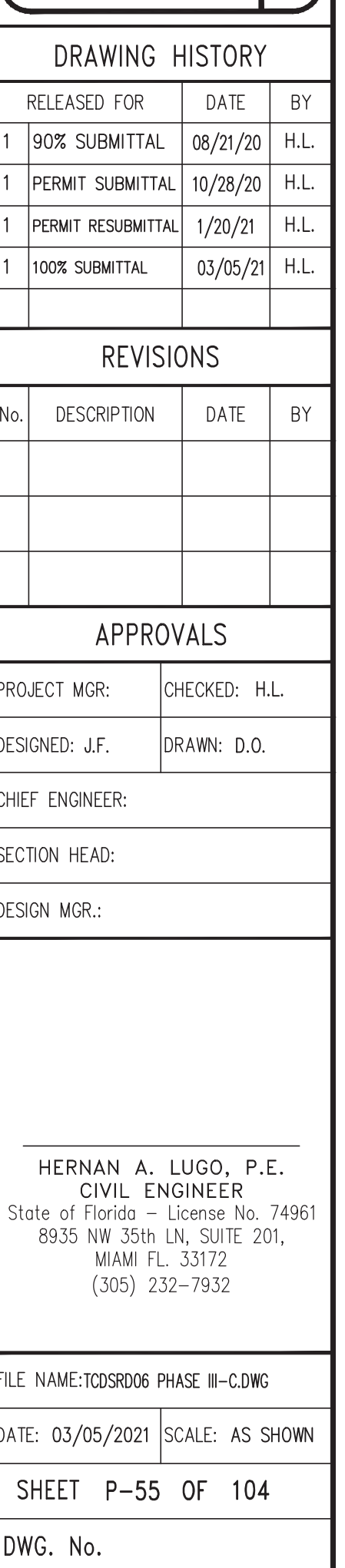
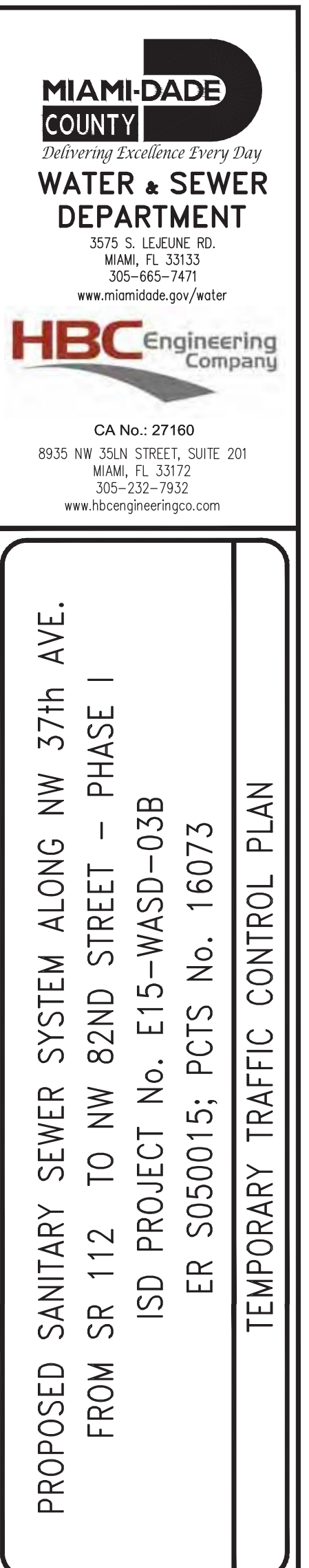
REVISIONS			
No.	DESCRIPTION	DATE	BY

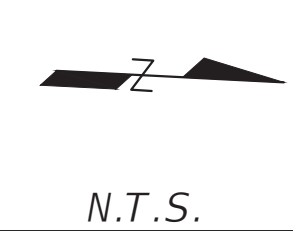
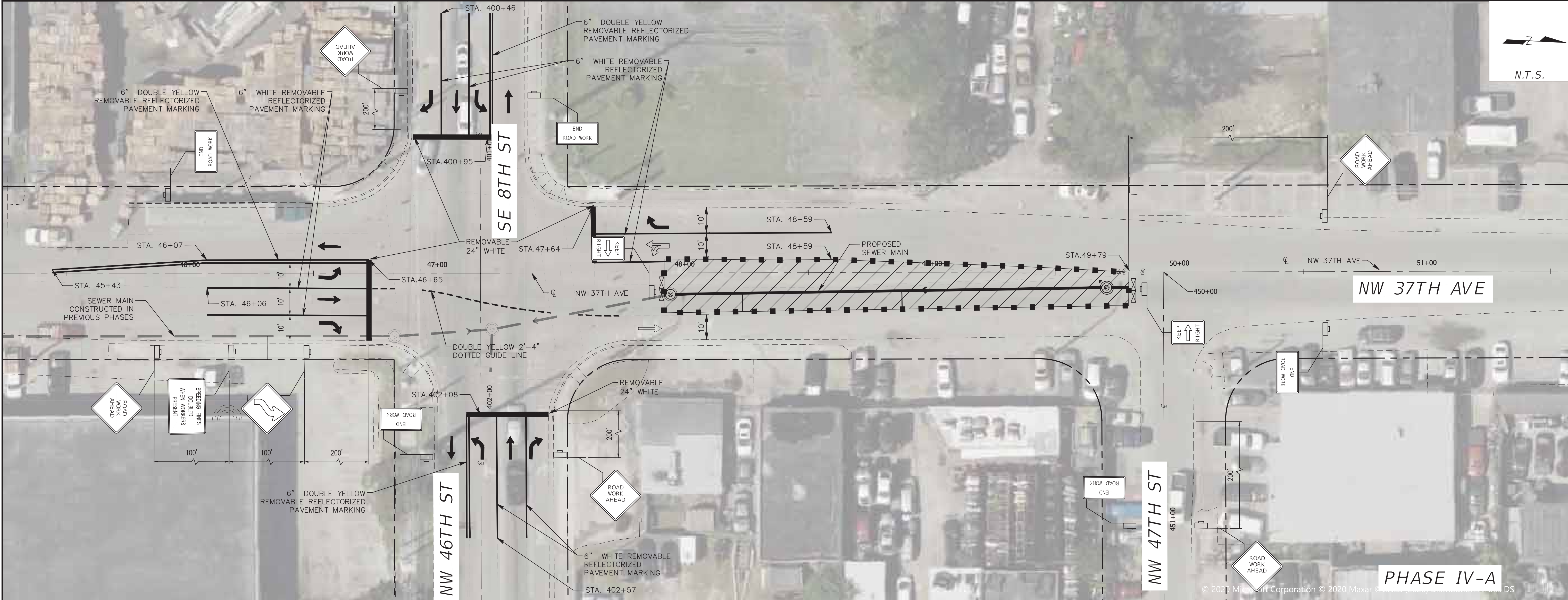
APPROVALS	
PROJECT MGR:	CHECKED: H.L.
DESIGNED: J.F.	DRAWN: D.O.
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

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FILE NAME: TCDSD005 PHASE III-B.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-54 OF 104
DWG. No.

P:\02020500293 8N SEWER NOT NW 37 AVE (APCTE)\E15WASD03B\ROADWAY\PHASE I\TCDSD005 PHASE III-B.DWG





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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

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

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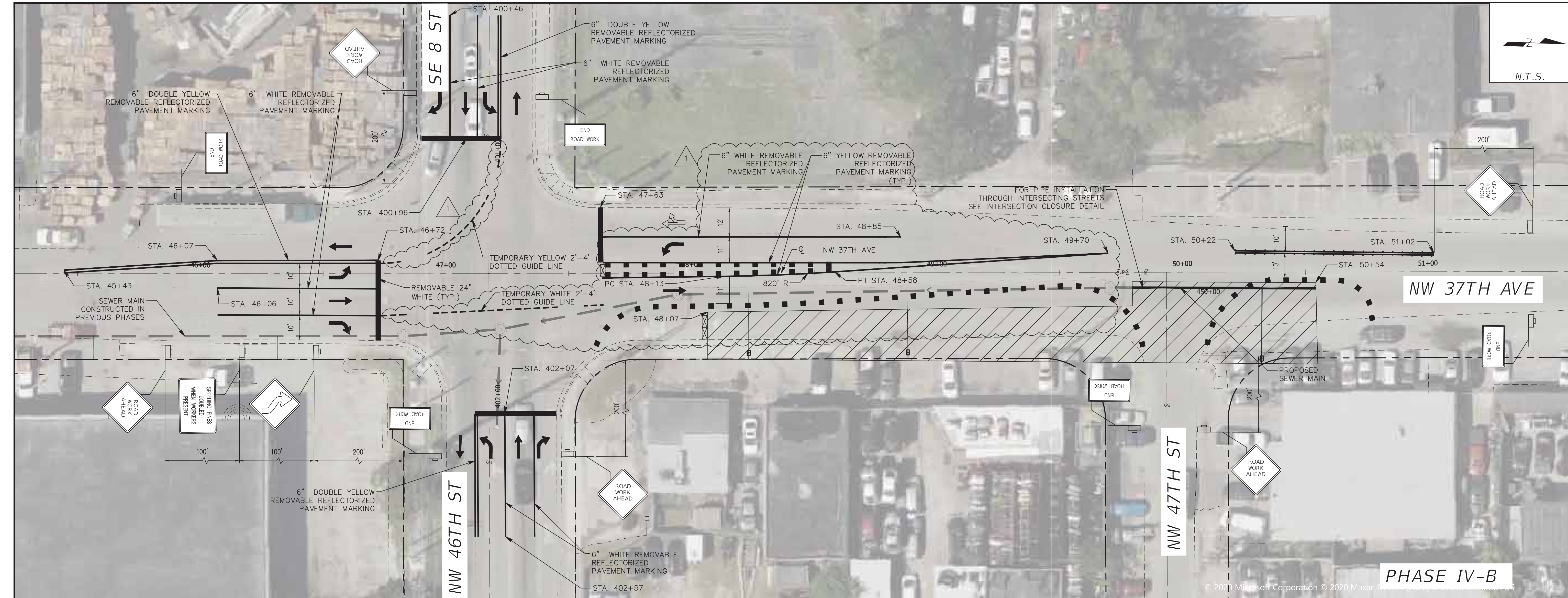
FILE NAME: TCDSD007 PHASE IV-A.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-56 OF 104
DWG. No.

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LEGEND:

	WORK AREA		WORK ZONE SIGN		DIRECTION OF TRAFFIC
	TYPE III BARRICADE		TYPE I OR TYPE II CHANNELIZING DEVICE		TEMPORARY PAVEMENT MARKINGS

P:\02020500293 8N SEWER MOT NW 37 AVE (APCTE)\E15WAS0303B\ROADWAY\PHASE I\REVISION 1\TODS0008 PHASE IV-B.DWG



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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	10/11/21	D.O.

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

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FILE NAME: TODS0008 PHASE IV-B.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-57 OF 104
DWG. No.

LEGEND:

WORK AREA

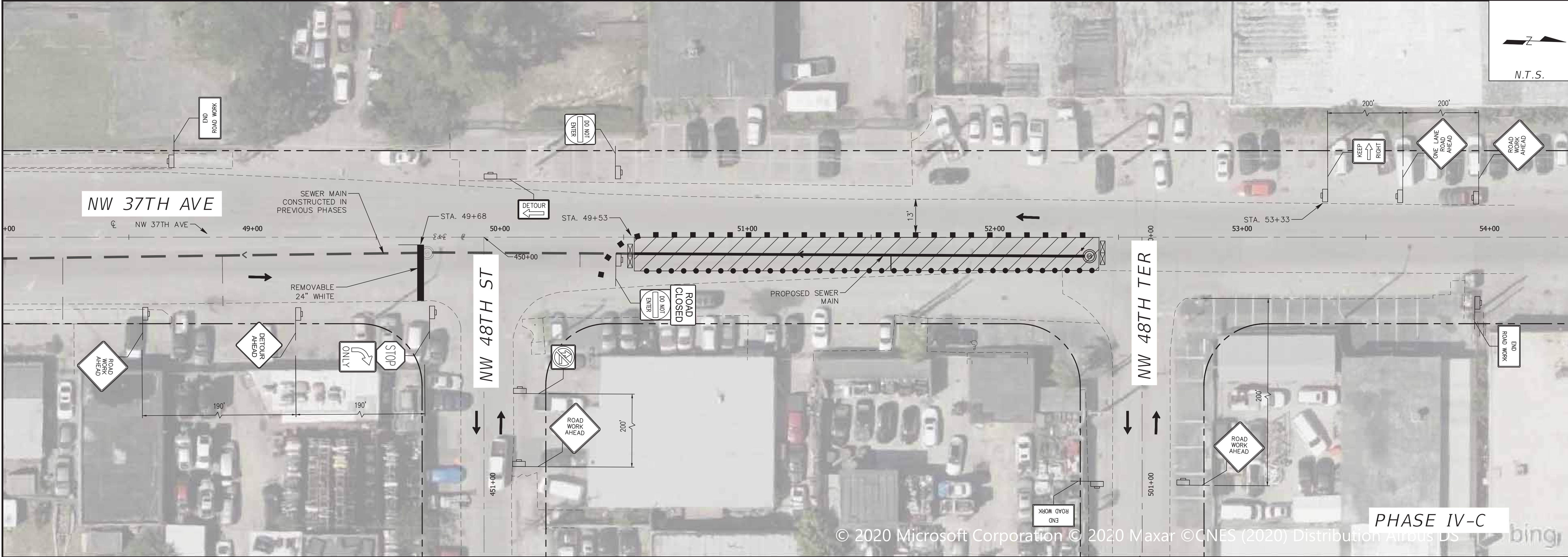
TYPE III BARRICADE

WORK ZONE SIGN

TYPE I OR TYPE II
CHANNELIZING DEVICE

DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT
MARKINGS



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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

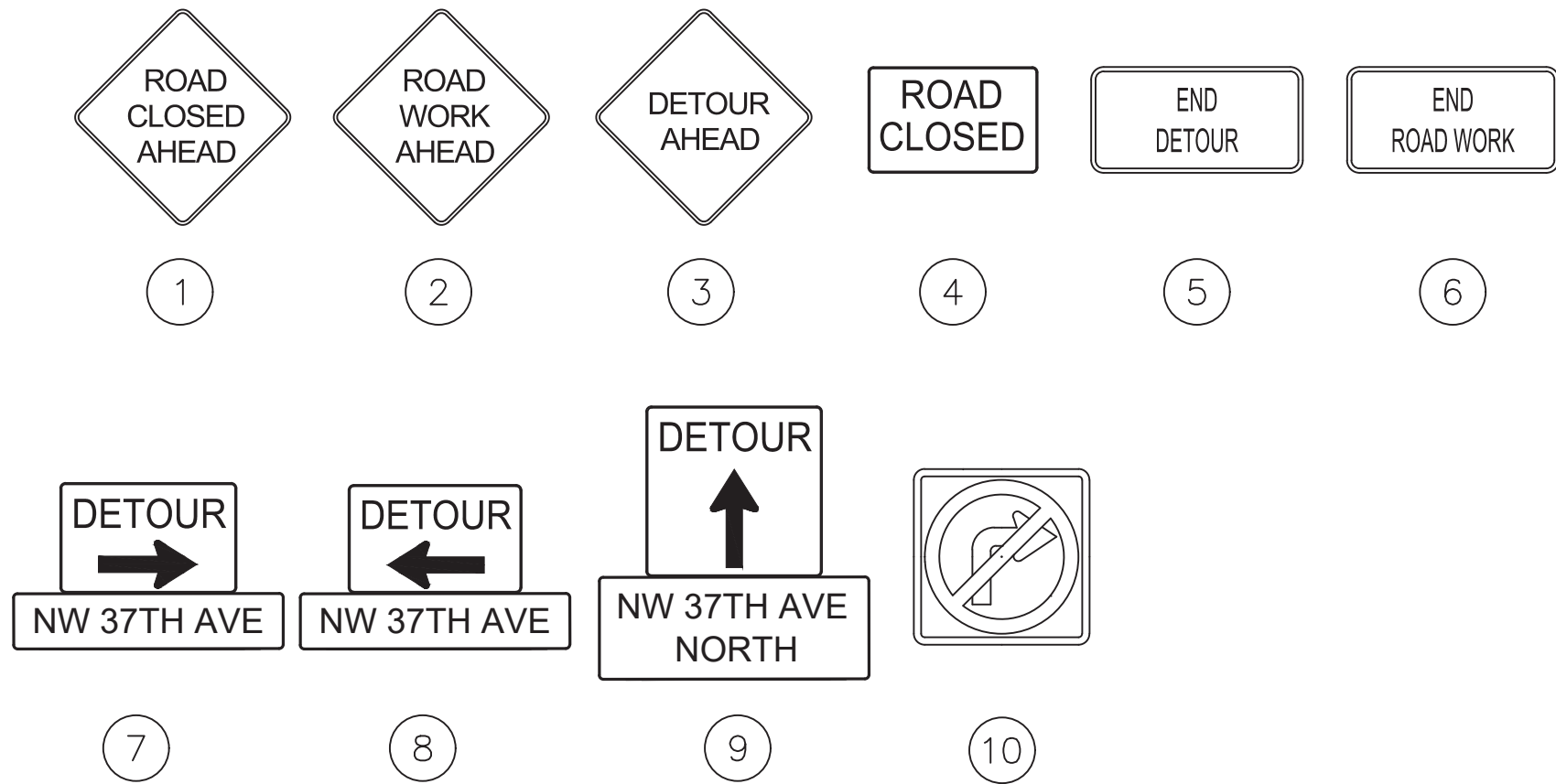
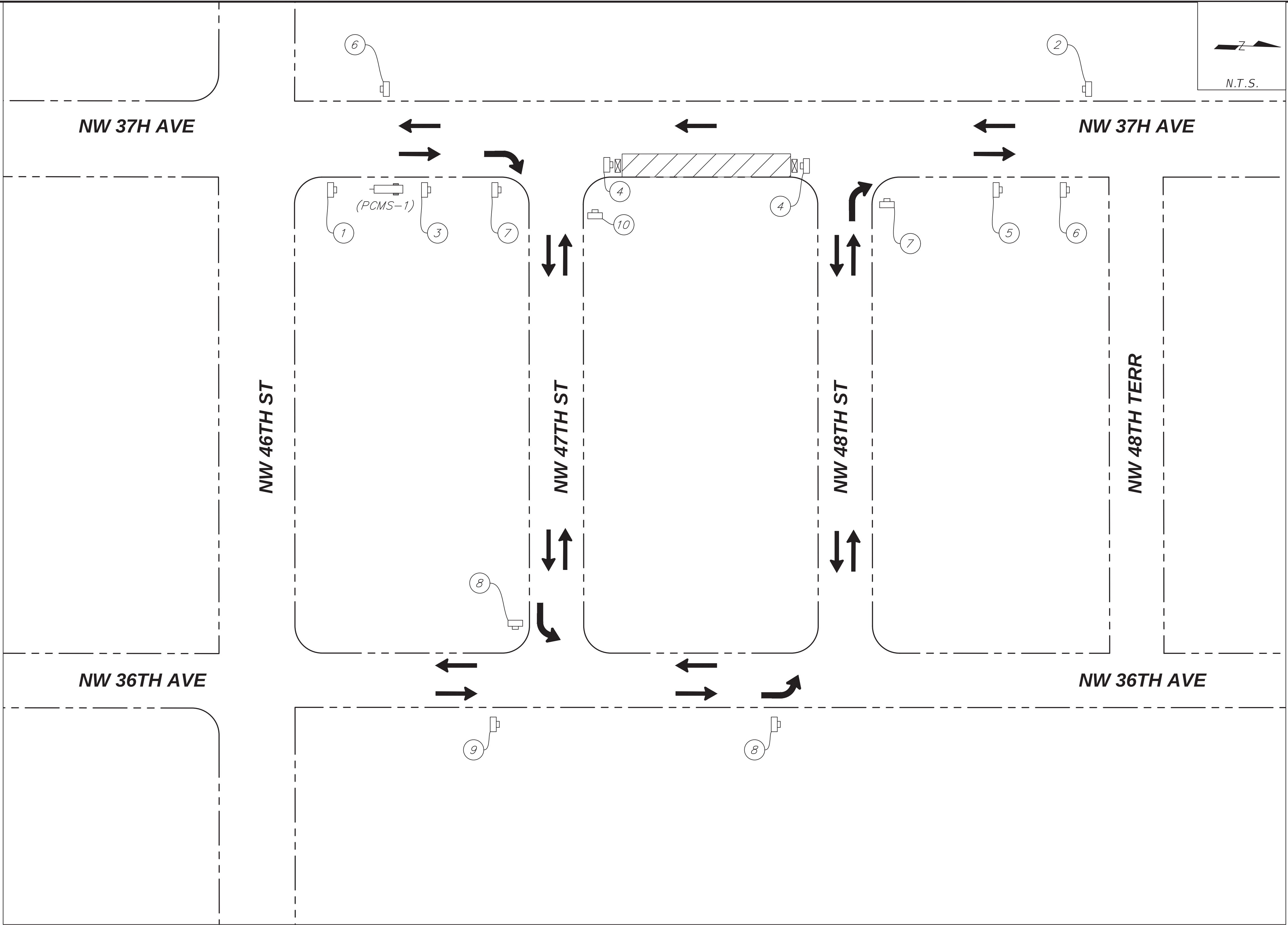
LEGEND:

- WORK AREA
- TYPE III BARRICADE

- WORK ZONE SIGN
- TYPE I OR TYPE II
CHANNELIZING DEVICE

- DIRECTION OF TRAFFIC
- PED. LONGITUDINAL
CHANNELIZING DEVICE

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
APPROVALS			
PROJECT MGR:		CHECKED: H.L.	
DESIGNED: J.F.		DRAWN: D.O.	
CHIEF ENGINEER:			
SECTION HEAD:			
DESIGN MGR.:			
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FILE NAME:TQDSR009 PHASE IV-C.DWG			
DATE: 03/05/2021		SCALE: AS SHOWN	
SHEET P-58 OF 104			
DWG. No.			



PCMS #1
(BEFORE ROAD CLOSURE)

NB 37 AVE CLOSED @ 46 ST	MM DD-DD X AM - X AM
--------------------------------	----------------------------

(DURING ROAD CLOSURE)

NB 37 AVE CLOSED @ 46 ST	DETOUR NW 46 ST
--------------------------------	--------------------

DETOUR PLAN – PHASE IV–C
INSTALLATION OF PROP. 8” GRAVITY SEWER
STA. 50+54 TO STA. 52+42

LEGEND:

- WORK AREA
- TYPE III BARRICADE
- WORK ZONE SIGN
- DIRECTION OF TRAFFIC

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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.	

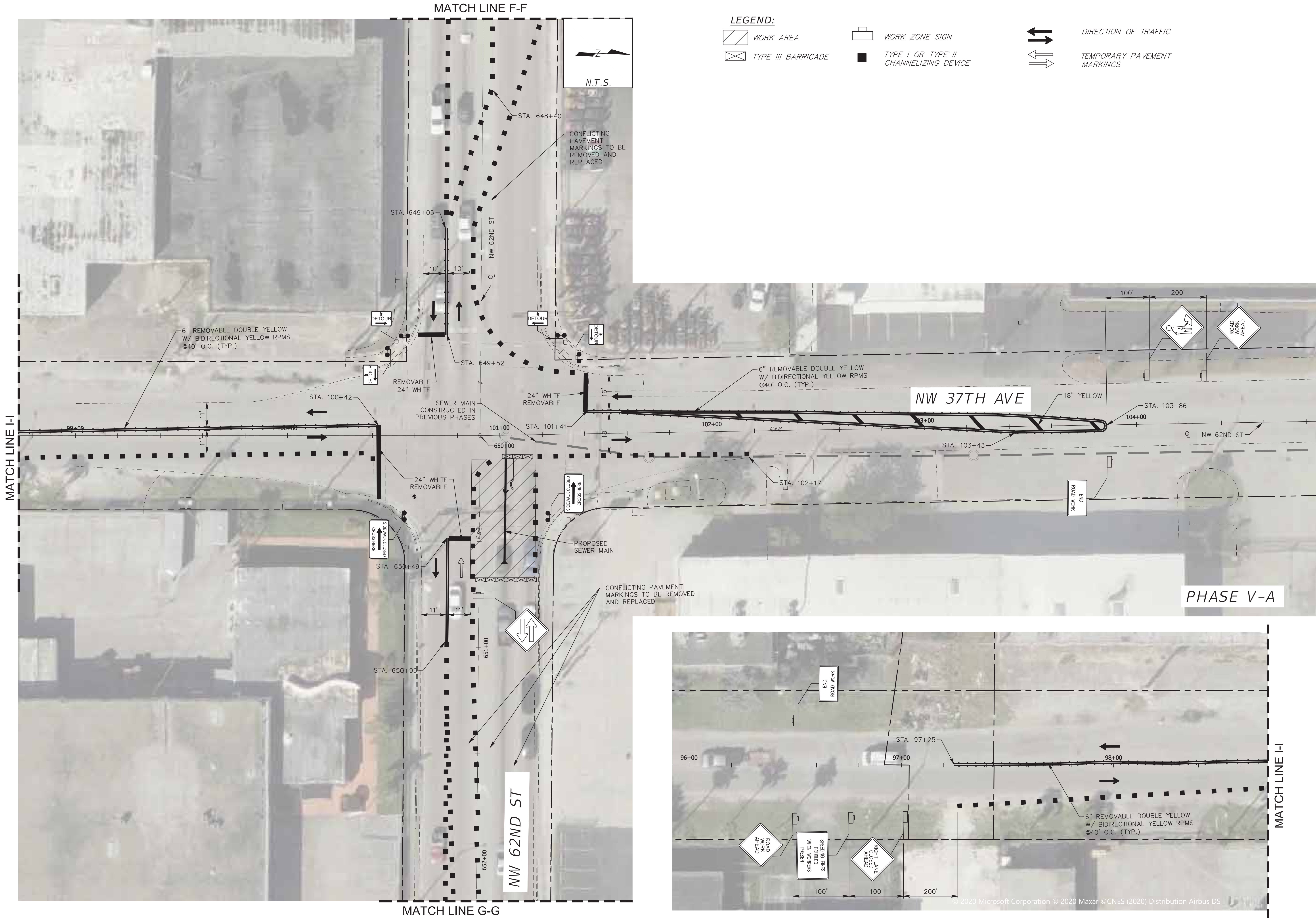
REVISIONS			
No.	DESCRIPTION	DATE	BY

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

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FILE NAME: TCDSD10 PHASE IV-C DETOUR.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-59 OF 104
DWG. No.

P:\02020500293 8N SEWER MOT NW 37 AVE (APCTE)\E15WAS0303\ROADWAY\PHASE V-ADWG



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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

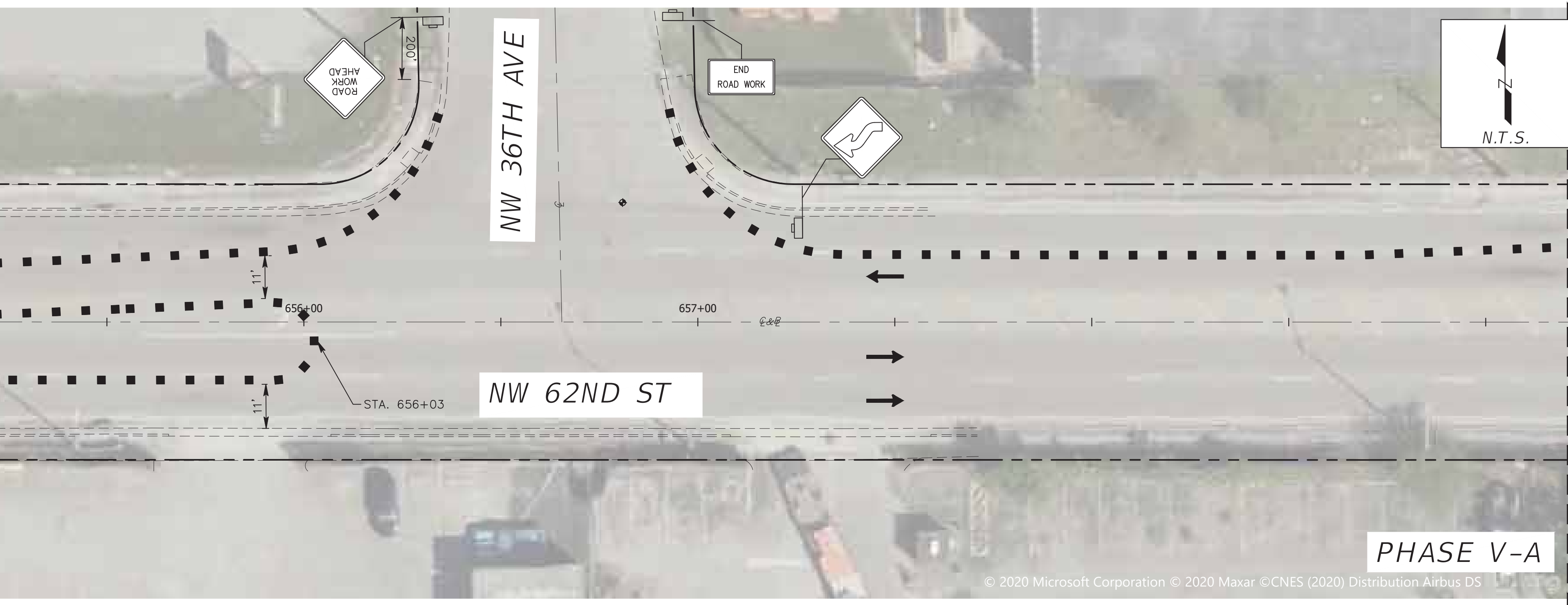
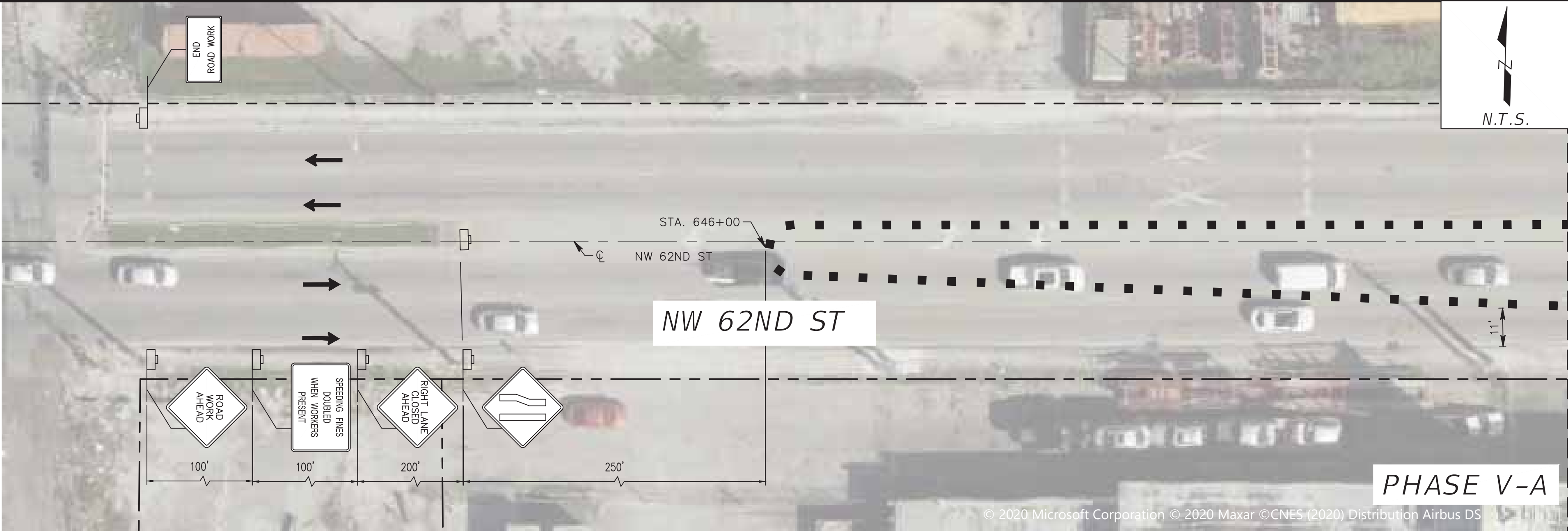
APPROVALS	
PROJECT MGR:	CHECKED: H.L.
DESIGNED: J.F.	DRAWN: D.O.
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

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FILE NAME: TCDSD011 PHASE V-ADWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-60 OF 104
DWG. No.

LEGEND:

- DIRECTION OF TRAFFIC
- ADVANCE WARNING
ARROW BOARD
- WORK ZONE SIGN
- TYPE I OR TYPE II
CHANNELIZING DEVICE



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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

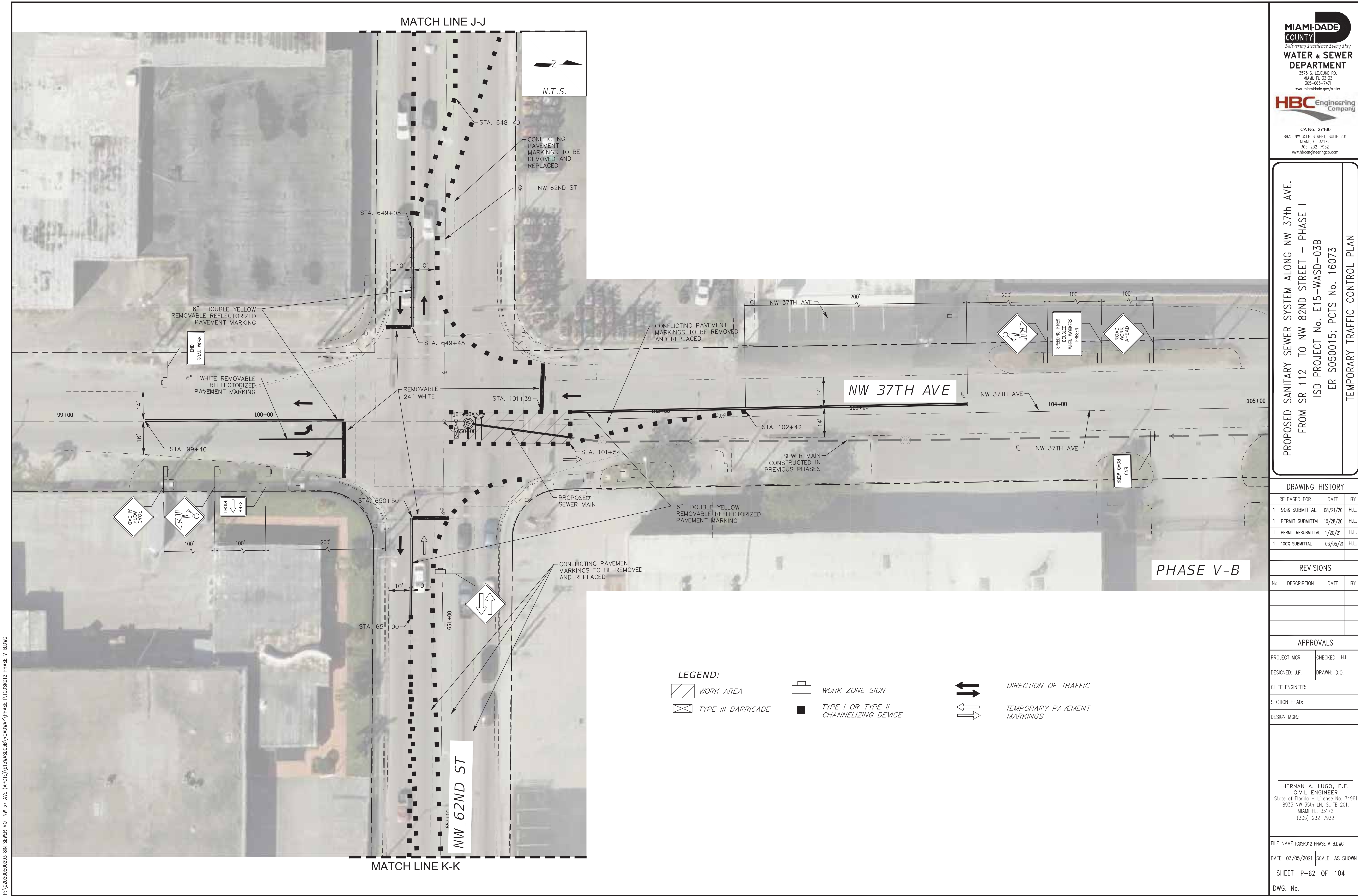
APPROVALS

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

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FILE NAME: TCDSD011 PHASE V-ADWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-61 OF 104
DWG. No.

P:\02020500293 8N SEWER MOT NW 37 AVE (APCTE)\E15WAS03B\ROADWAY\PHASE V-B.DWG



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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

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

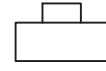
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CIVIL ENGINEER
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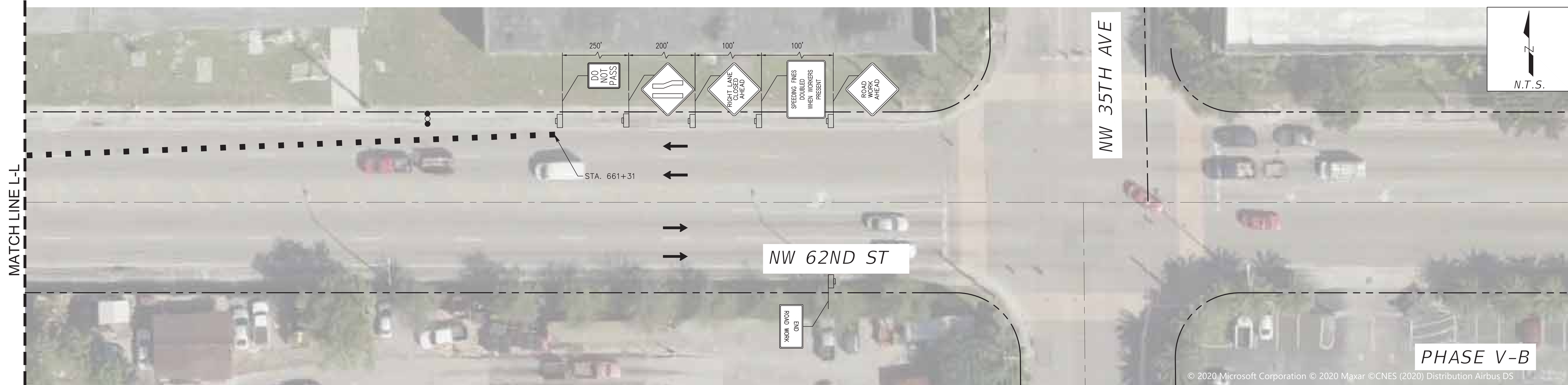
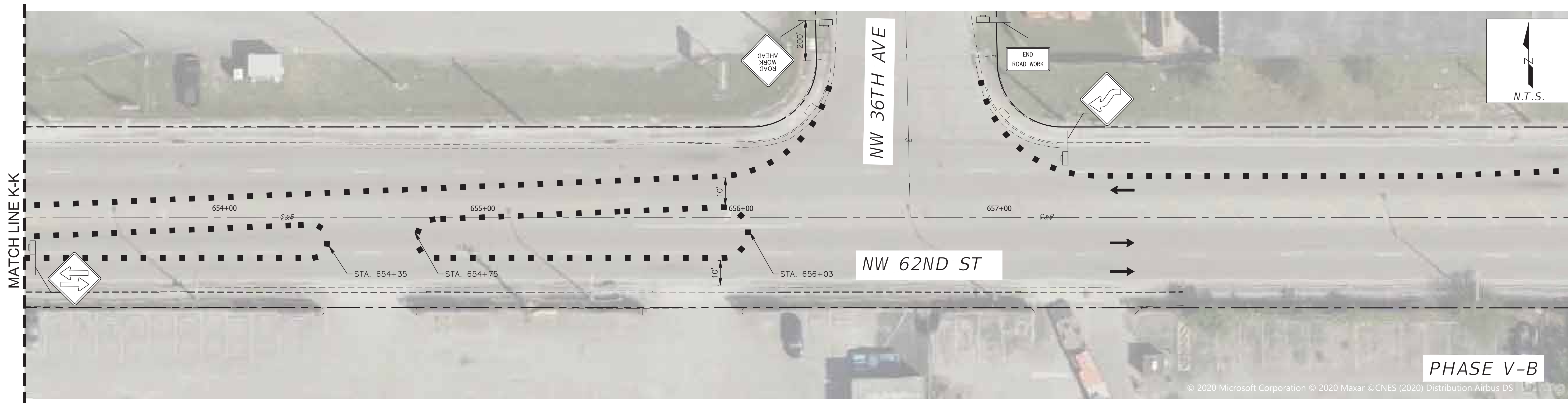
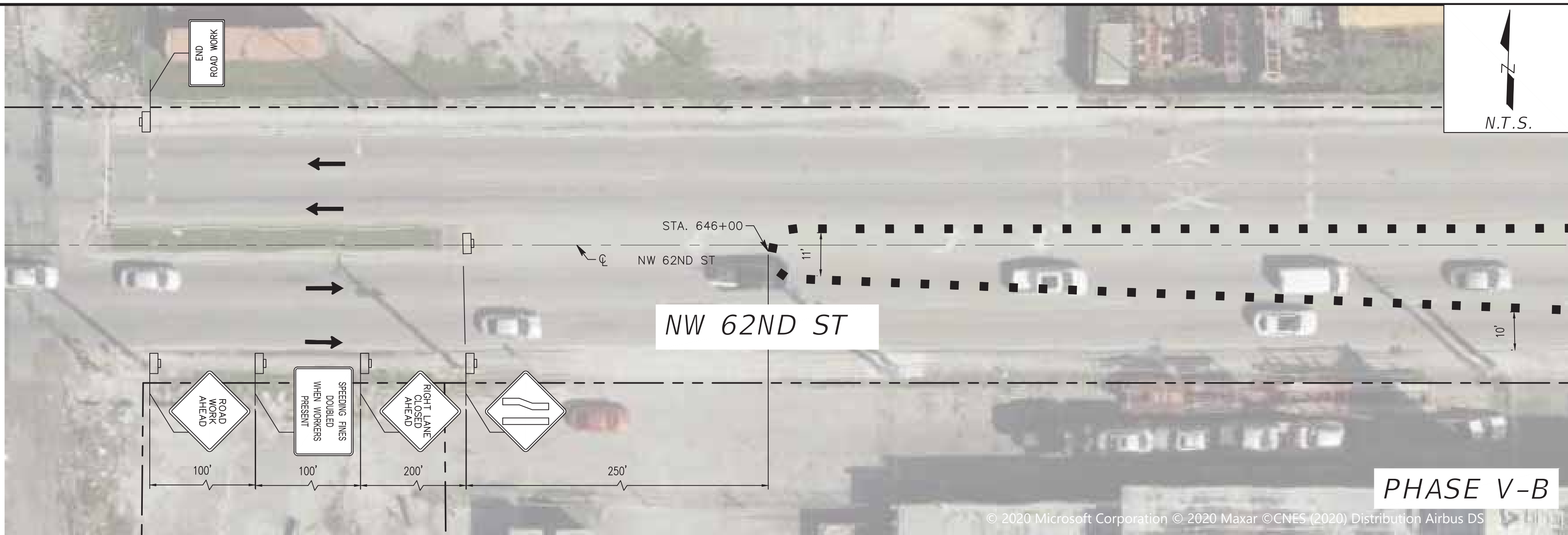
FILE NAME: TCDSD12 PHASE V-B.DWG	
DATE: 03/05/2021	SCALE: AS SHOWN
SHEET P-62 OF 104	
DWG. No.	

Revised Set of Plans for Addendum No. 1

LEGEND:

 DIRECTION OF TRAFFIC
 ADVANCE WARNING ARROW BOARD

 WORK ZONE SIGN
 TYPE I OR TYPE II CHANNELIZING DEVICE



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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

APPROVALS

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

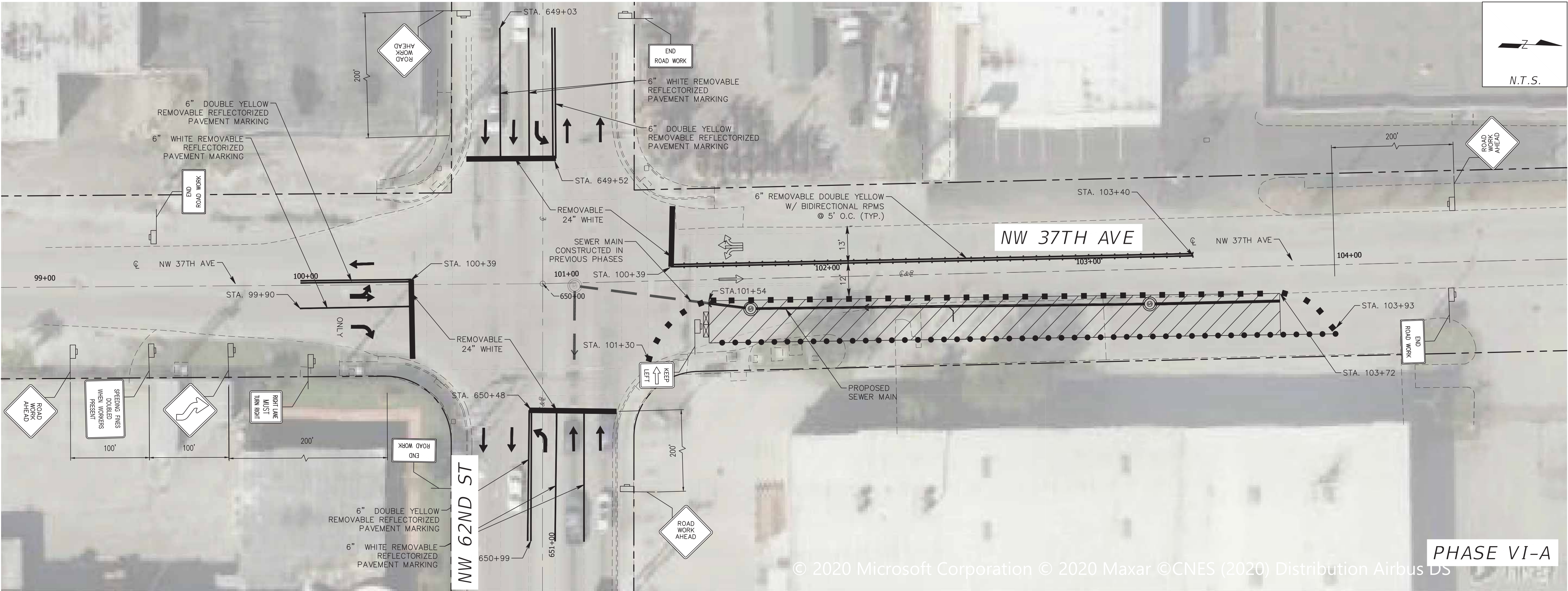
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FILE NAME: TCDSRD12 PHASE V-B.DWG

DATE: 03/05/2021 SCALE: AS SHOWN

SHEET P-63 OF 104

DWG. No.



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LEGEND:

- WORK AREA
 TYPE III BARRICADE
 WORK ZONE SIGN
 TYPE I OR TYPE II CHANNELIZING DEVICE
 DIRECTION OF TRAFFIC
 TEMPORARY PAVEMENT MARKINGS
 PED. LONGITUDINAL CHANNELIZING DEVICE

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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

APPROVALS

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

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FILE NAME: TCDSD13 PHASE VI-A.DWG

DATE: 03/05/2021 SCALE: AS SHOWN

SHEET P-64 OF 104

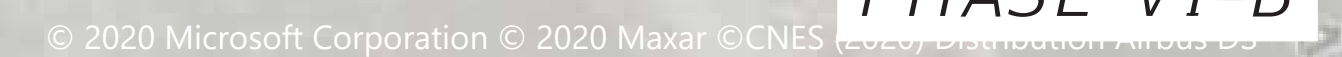
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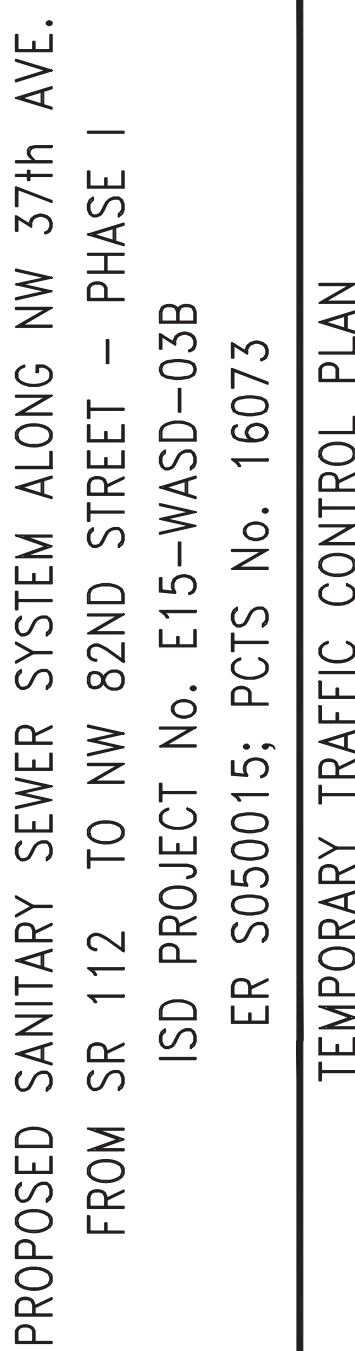
 WORK AREA
  WORK ZONE SIGN

 DIRECTION OF TRAFFIC
  TYPE I OR TYPE II CHANNELIZING DEVICE

 PED. LONGITUDINAL CHANNELIZING DEVICE

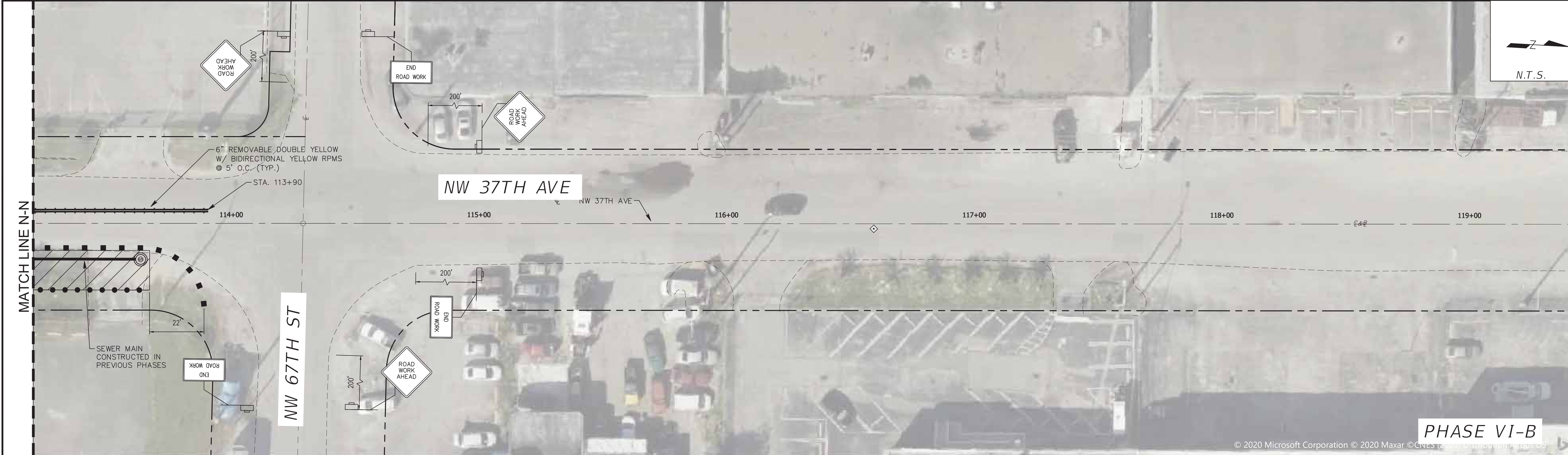


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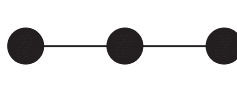


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 (305) 232-7932

NAME: TCDSRD14 PHASE VI-B.DWG	
DATE: 03/05/2021	SCALE: AS SHOWN
SHEET P-65 OF 104	
G. No.	



LEGEND:

-  WORK AREA
-  DIRECTION OF TRAFFIC
-  WORK ZONE SIGN
-  TYPE I OR TYPE II CHANNELIZING DEVICE
-  PED. LONGITUDINAL CHANNELIZING DEVICE

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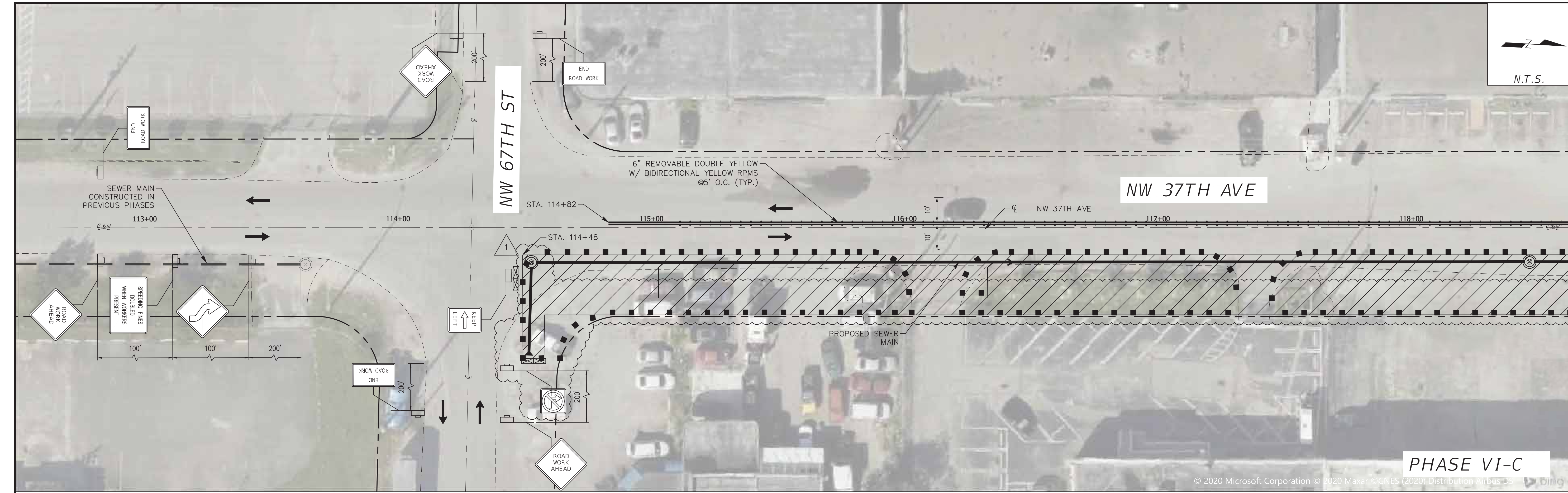
Engineering
Company

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
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: TQDSRD14 PHASE VI-B.DWG			
DATE: 03/05/2021		SCALE: AS SHOWN	
SHEET P-66 OF 104			
DWG. No.			



LEGEND:

WORK AREA

TYPE III BARRICADE

WORK ZONE SIGN

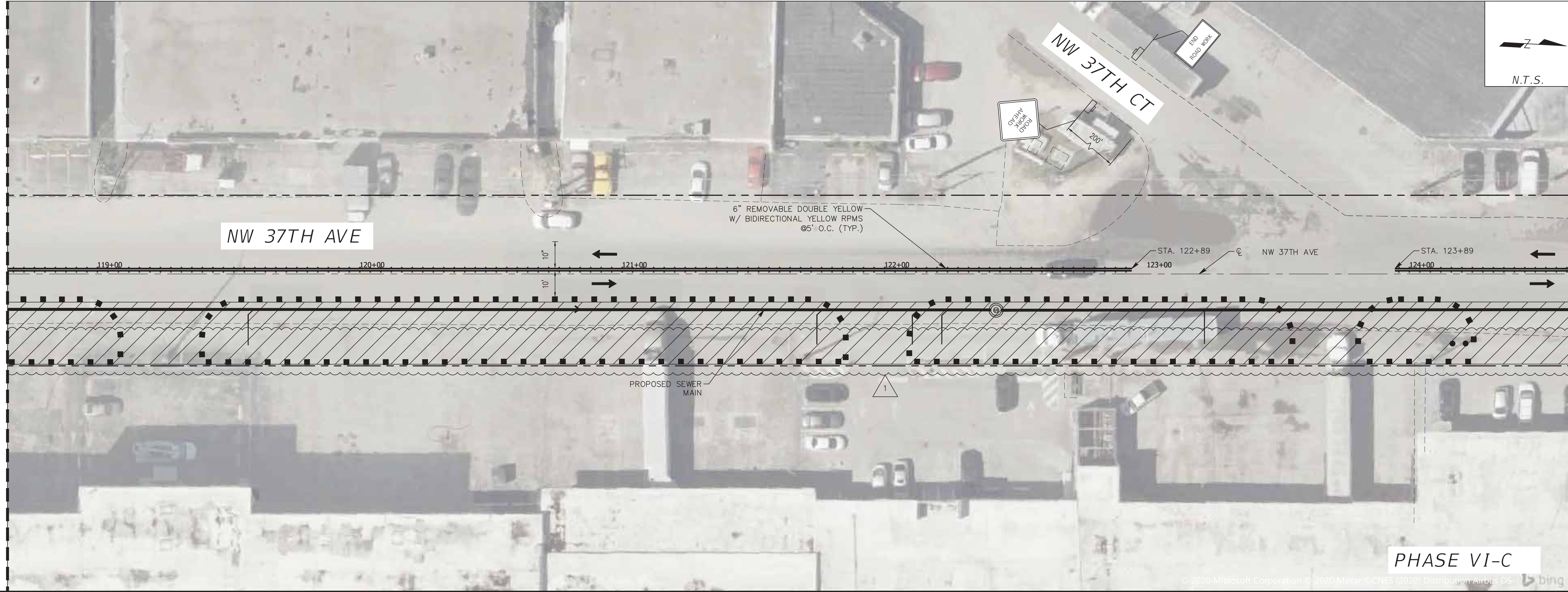
TYPE I OR TYPE II CHANNELIZING DEVICE

PED. LONGITUDINAL CHANNELIZING DEVICE

DIRECTION OF TRAFFIC

P:\02020500293 8N SEWER MOT NW 37 AVE (APCIE)\E15WAS0303B ROADWAY\PHASE 1\TDS05015 PHASE VI-C.DWG

MATCH LINE O-O



MATCH LINE P-P

MATCH LINE O-O

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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	10/11/21	D.O.

APPROVALS

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

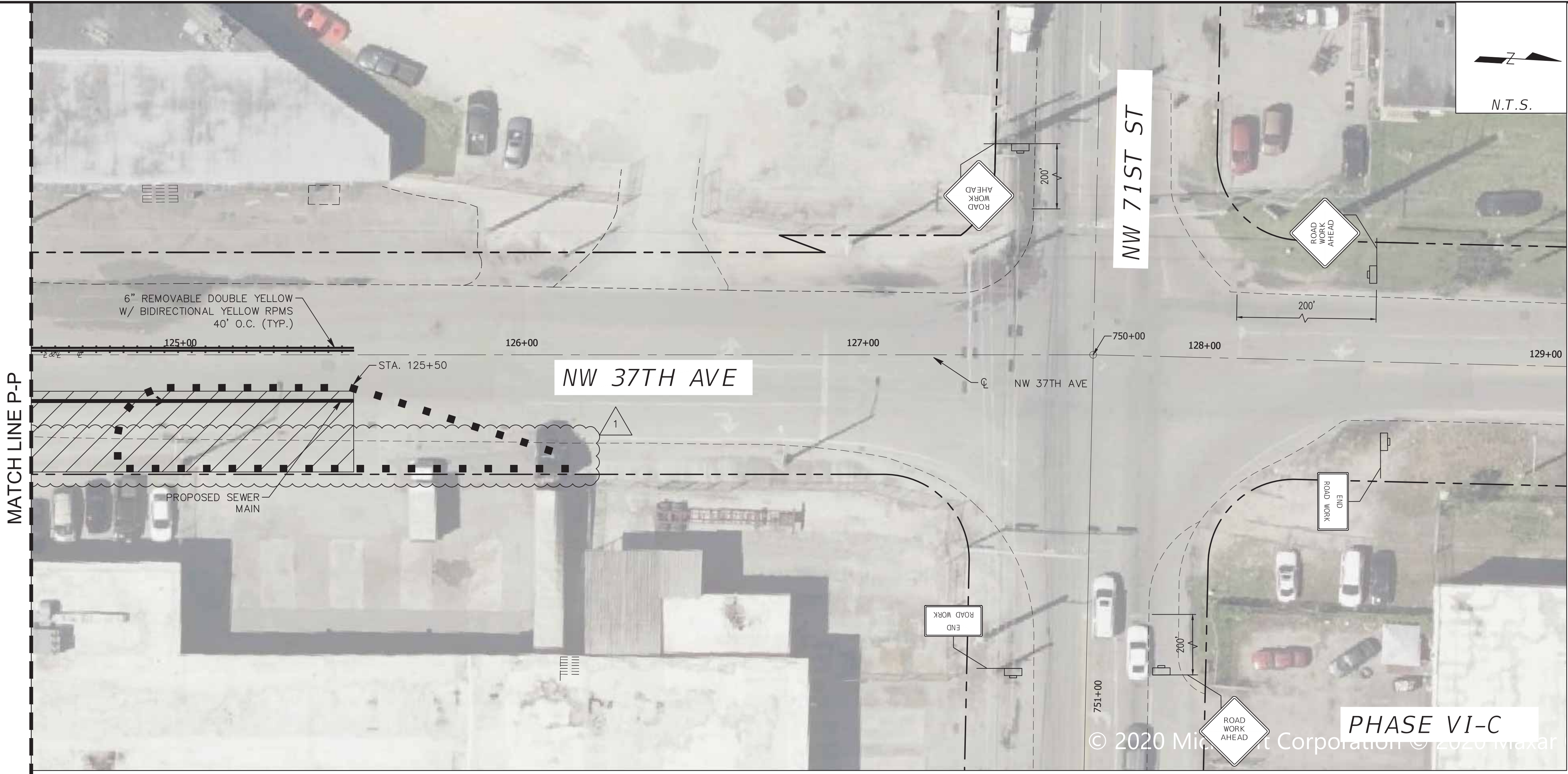
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CIVIL ENGINEER
State of Florida - License No. 74961
8935 NW 35th LN, SUITE 201,
MIAMI, FL 33172
(305) 232-7932

FILE NAME: TDS05015 PHASE VI-C.DWG

DATE: 03/05/2021 SCALE: AS SHOWN

SHEET P-67 OF 104

DWG. No.



LEGEND:

- WORK AREA

DIRECTION OF TRAFFIC

WORK ZONE SIGN

TYPE I OR TYPE II CHANNELIZING DEVICE
- P:\02020500293 8IN SEWER MOT NW 37 AVE (APCTE)\E15WAS03B\ROADWAY\PHASE 1\TODS015 PHASE VI-C.DWG
- MIAMI-DADE
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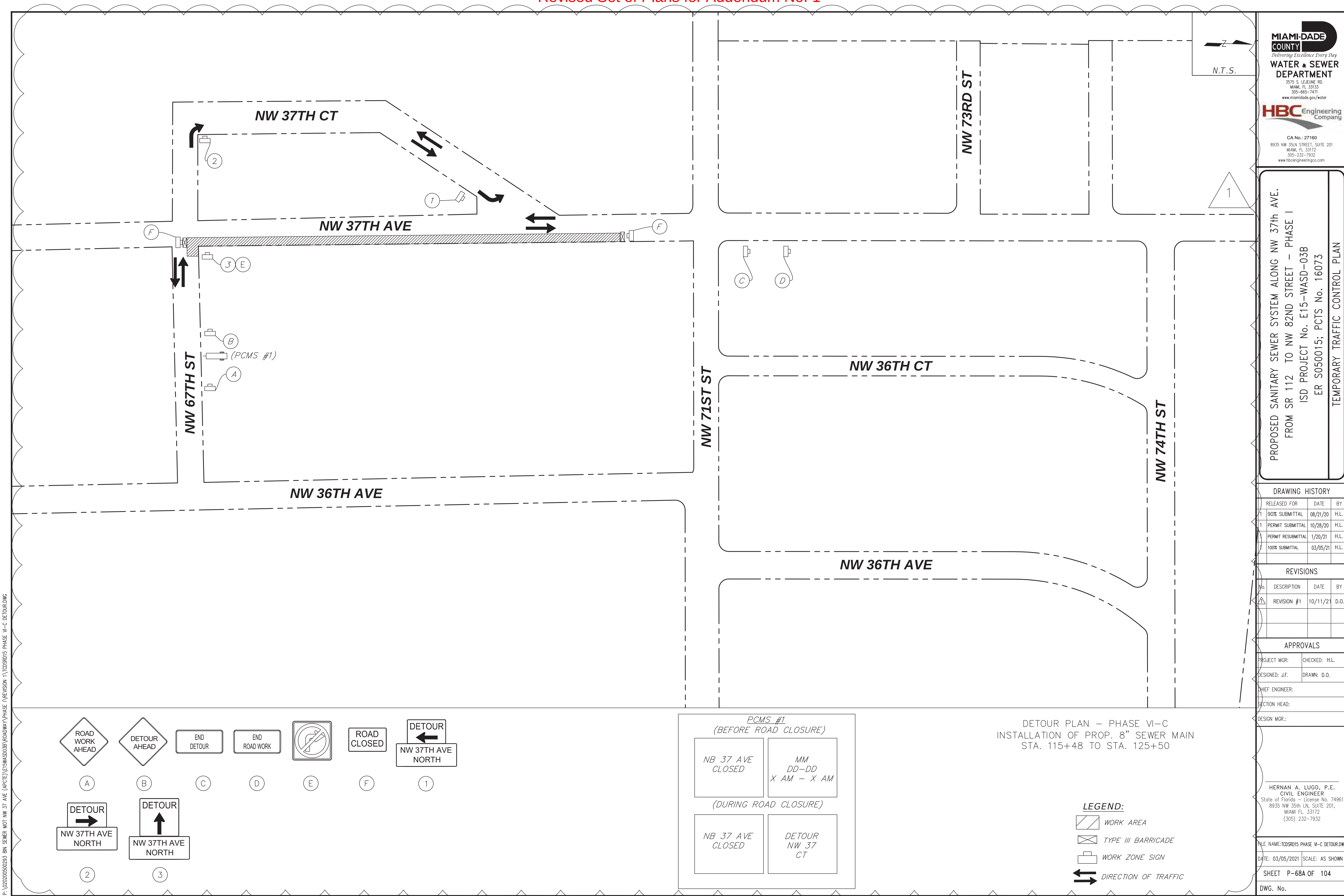
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- PROPOSED SANITARY SEWER SYSTEM ALONG NW 37th AVE.
FROM SR 112 TO NW 82ND STREET - PHASE I
ISD PROJECT No. E15-WASD-03B
ER S050015; PCTS No. 16073

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 | 10/11/21 | D.O. | | | |
| APPROVALS | | | | | | |
| PROJECT MGR: | CHECKED: H.L. | | | | | |
| DESIGNED: J.F. | DRAWN: D.O. | | | | | |
| CHIEF ENGINEER: | | | | | | |
| SECTION HEAD: | | | | | | |
| DESIGN MGR.: | | | | | | |
| <div>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</div> | | | | | | |
| FILE NAME: TOSRD015 PHASE VI-C.DWG | | | | | | |
| DATE: 03/05/2021 | SCALE: AS SHOWN | | | | | |
| SHEET P-68 OF 104 | | | | | | |
| DWG. No. | | | | | | |

P:\02020500293 8IN SEWER MOT NW 37 AVE (APCTE)\E15WASD03B ROADWAY PHASE I\REVISION 1\TODSR015 PHASE VI-C DETOUR.DWG





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
100% SUBMITTAL	08/21/20	H.L.
PERMIT SUBMITTAL	10/28/20	H.L.
PERMIT RESUBMITTAL	1/20/21	H.L.
100% SUBMITTAL	03/05/21	H.L.

REVISIONS

DESCRIPTION	DATE	BY

APPROVALS

CT MGR:	CHECKED: H.L.
ED: J.F.	DRAWN: D.O.
ENGINEER:	
N HEAD:	
I MGR.:	

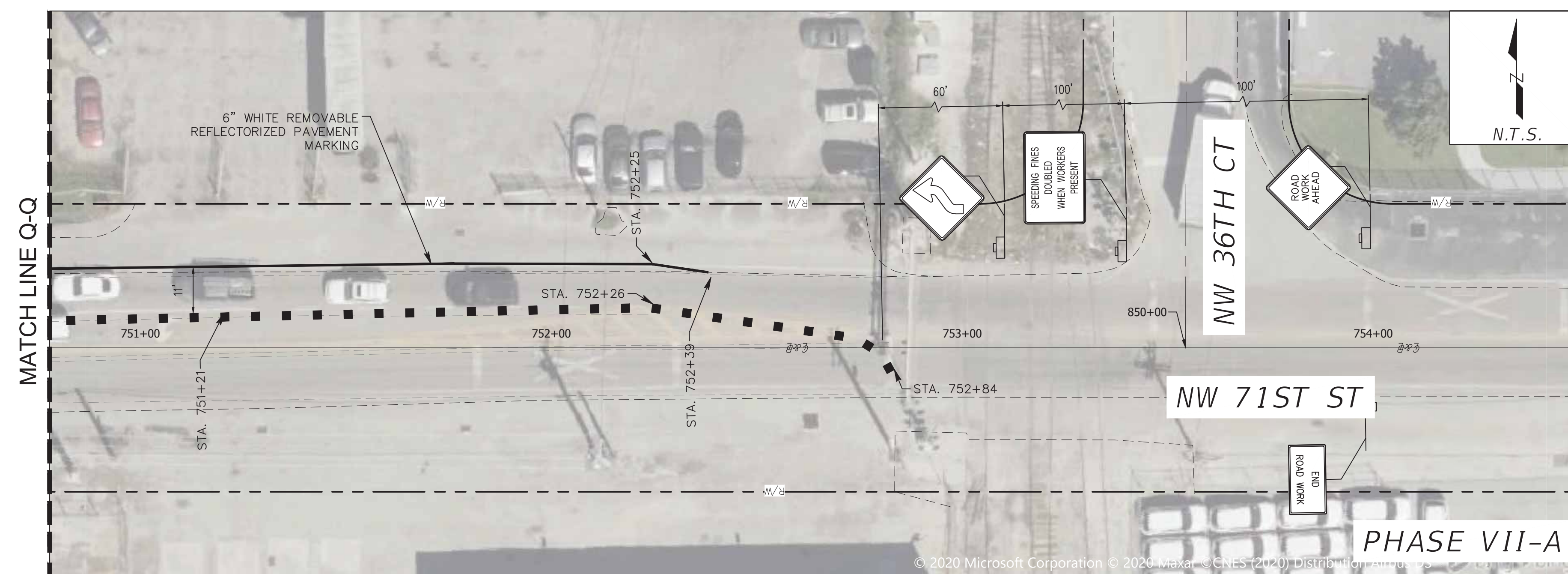
HERNAN A. LUGO, P.E.
CIVIL ENGINEER
 State of Florida - License No. 74961
 935 NW 35th LN, SUITE 201,
 MIAMI FL. 33172
 (305) 232-7932

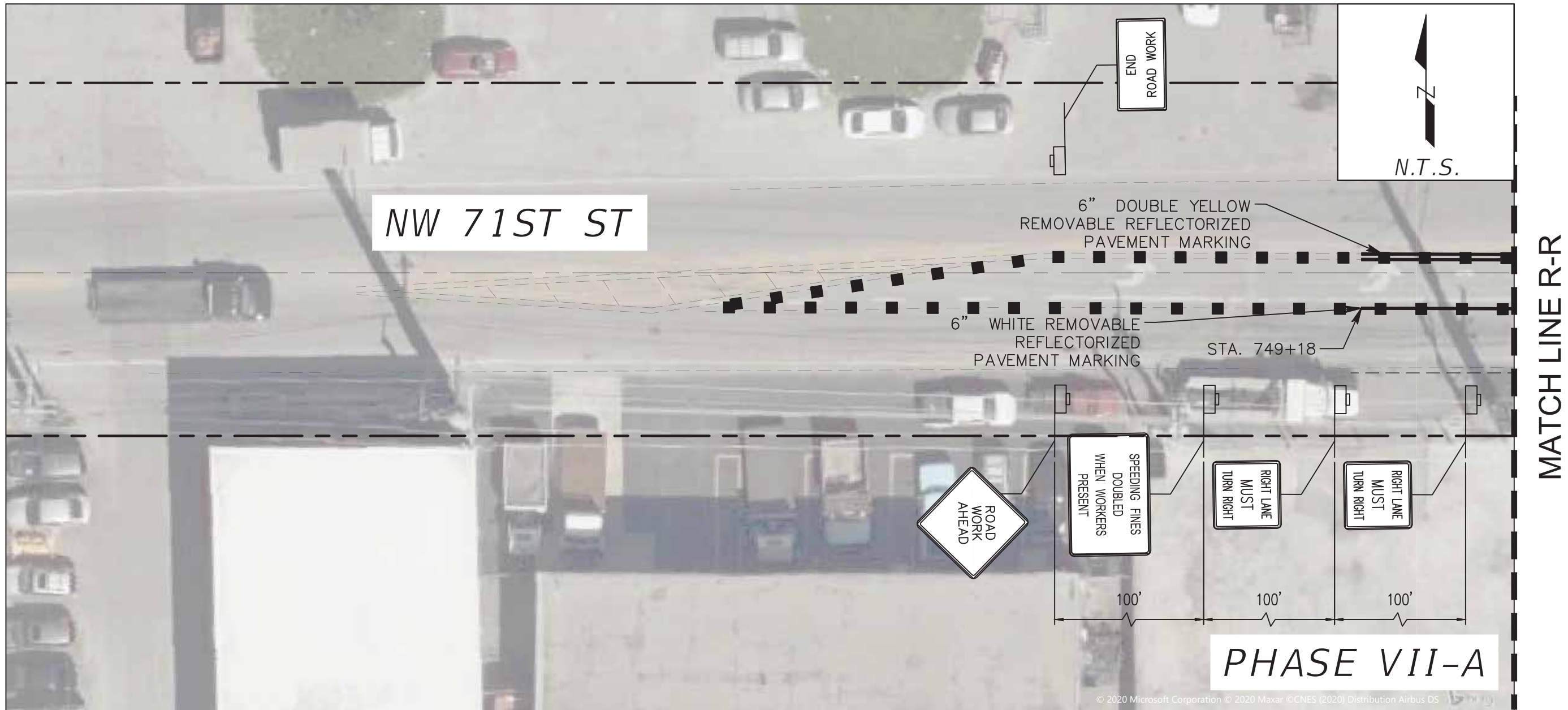
NAME: TCDSRD16 PHASE VII-A.DWG

03/05/2021	SCALE: AS SHOWN
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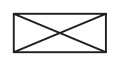
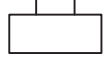
HEET P-69 OF 104

. No.





LEGEND:

-  WORK AREA
-  TYPE III BARRICADE
-  WORK ZONE SIGN
-  TYPE I OR TYPE II CHANNELIZING DEVICE
-  DIRECTION OF TRAFFIC

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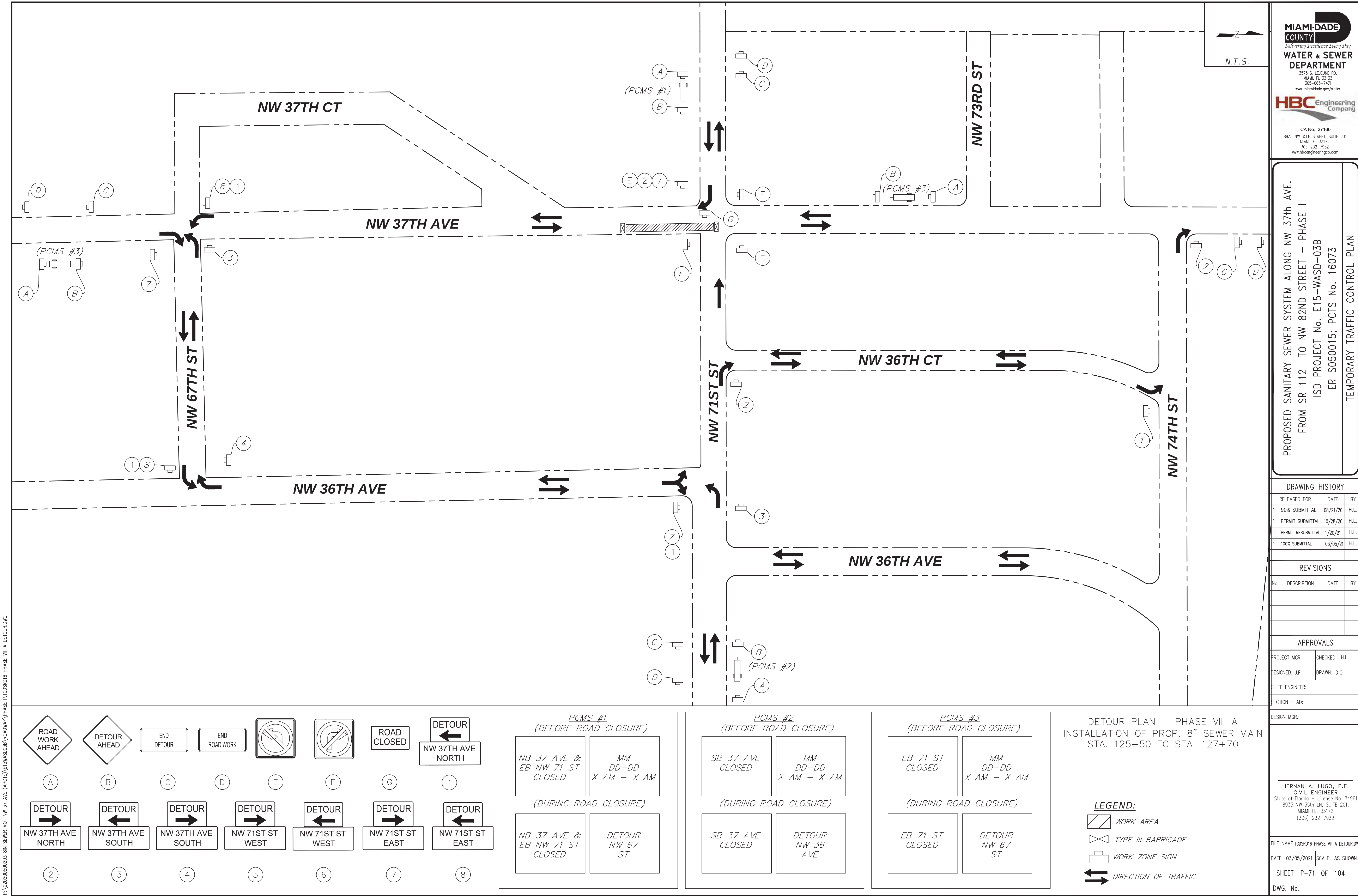
CA No.: 27160
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PROPOSED SANITARY SEWER SYSTEM ALONG NW 37th AVE.
FROM SR 112 TO NW 82ND STREET - PHASE I
ISD PROJECT No. E15-WASD-03B
ER S050015; PCTS No. 16073

TEMPORARY TRAFFIC CONTROL PLAN

DRAWING HISTORY			
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REVISIONS			
No.	DESCRIPTION	DATE	BY
APPROVALS			
PROJECT MGR:		CHECKED: H.L.	
DESIGNED: J.F.		DRAWN: D.O.	
CHIEF ENGINEER:			
SECTION HEAD:			
DESIGN MGR.:			

P:\02020500293 8N SEWER MOT NW 37 AVE (APC1E)\E15WAS03B\ROADWAY\PHASE VII-A DETOUR.DWG



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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

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No.	DESCRIPTION	DATE	BY

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DESIGNED: J.F.	DRAWN: D.O.
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

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

FILE NAME: TCDSRD16 PHASE VII-A DETOUR.DWG
DATE: 03/05/2021 SCALE: AS SHOWN
SHEET P-71 OF 104
DWG. No.

ROAD WORK AHEAD

DETOUR AHEAD

END DETOUR

END ROAD WORK

ROAD CLOSED

DETOUR
NW 37TH AVE NORTH

A

B

C

D

E

F

G

1

DETOUR
NW 37TH AVE NORTH

DETOUR
NW 37TH AVE SOUTH

DETOUR
NW 37TH AVE SOUTH

DETOUR
NW 71ST ST WEST

DETOUR
NW 71ST ST WEST

DETOUR
NW 71ST ST EAST

DETOUR
NW 71ST ST EAST

2

3

4

5

6

7

8

PCMS #1
(BEFORE ROAD CLOSURE)

NB 37 AVE &
EB NW 71 ST
CLOSED

MM
DD-DD
X AM - X AM

(DURING ROAD CLOSURE)

NB 37 AVE &
EB NW 71 ST
CLOSED

DETOUR
NW 67
ST

PCMS #2
(BEFORE ROAD CLOSURE)

SB 37 AVE
CLOSED

MM
DD-DD
X AM - X AM

(DURING ROAD CLOSURE)

SB 37 AVE
CLOSED

DETOUR
NW 36
AVE

PCMS #3
(BEFORE ROAD CLOSURE)

EB 71 ST
CLOSED

MM
DD-DD
X AM - X AM

(DURING ROAD CLOSURE)

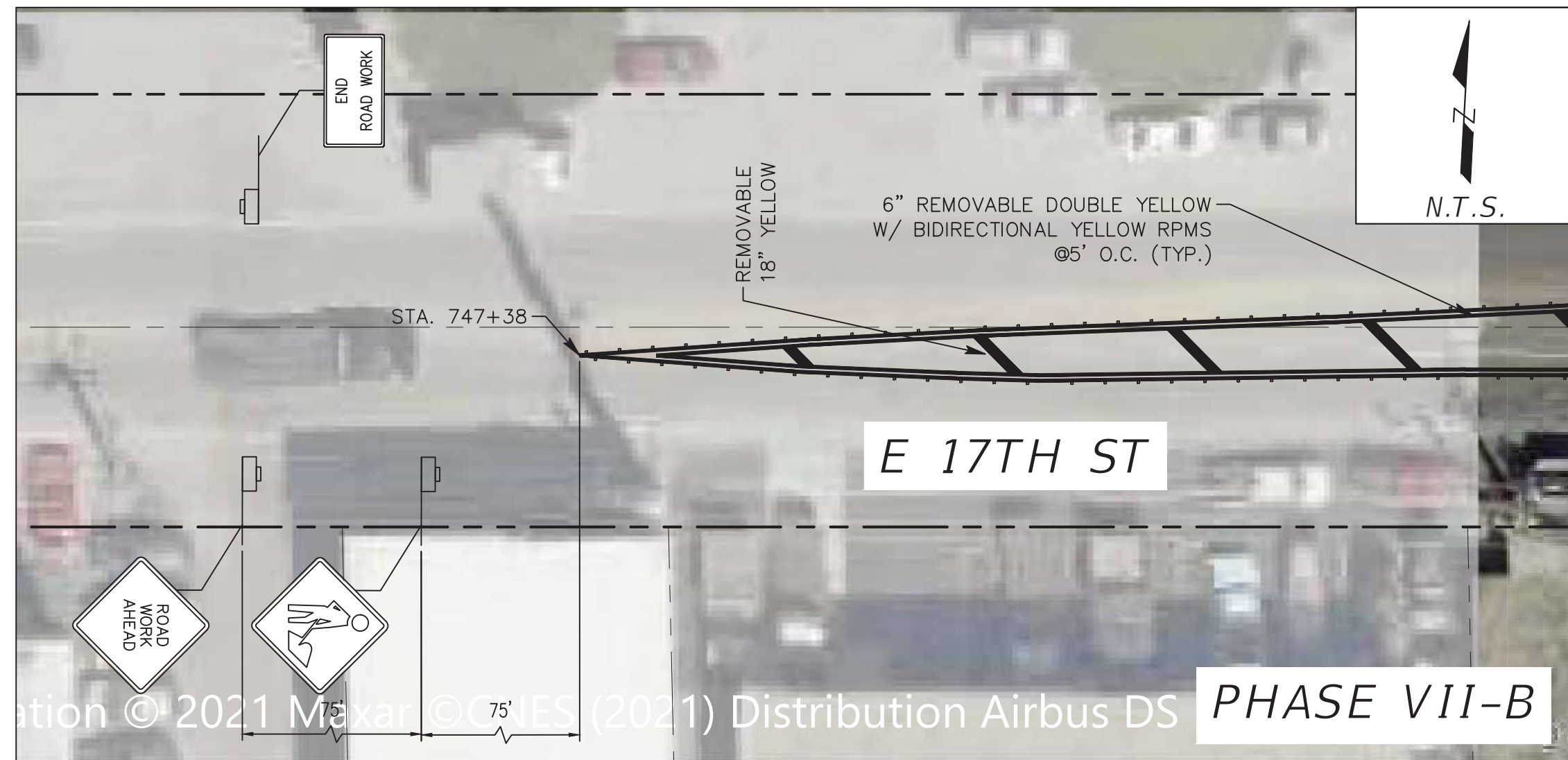
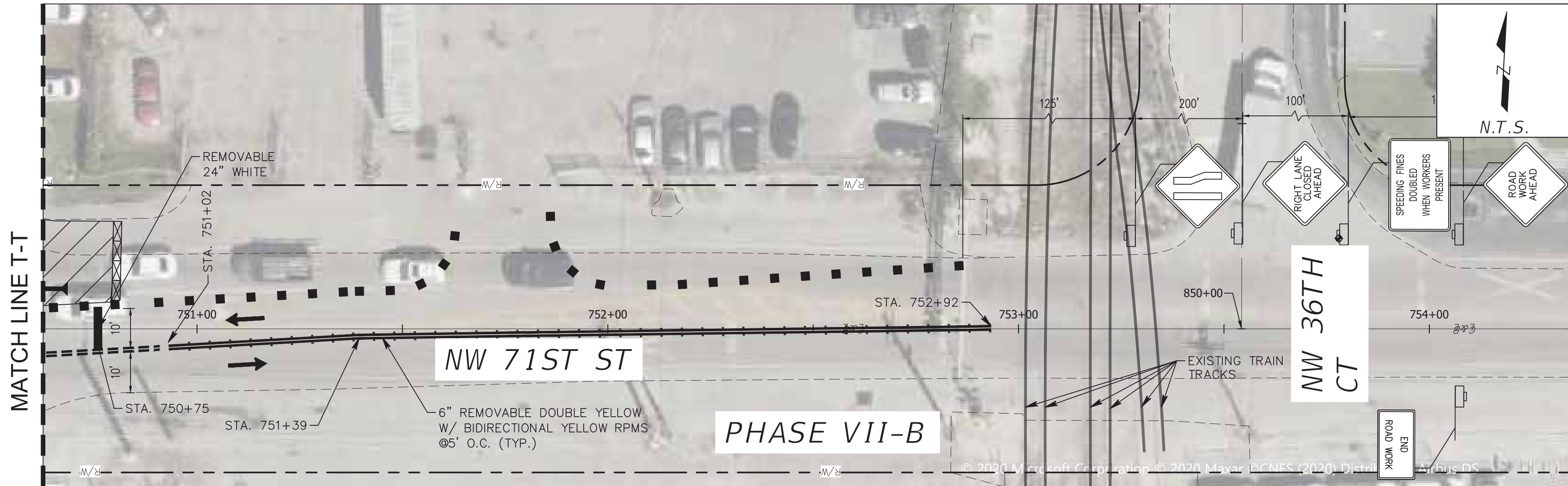
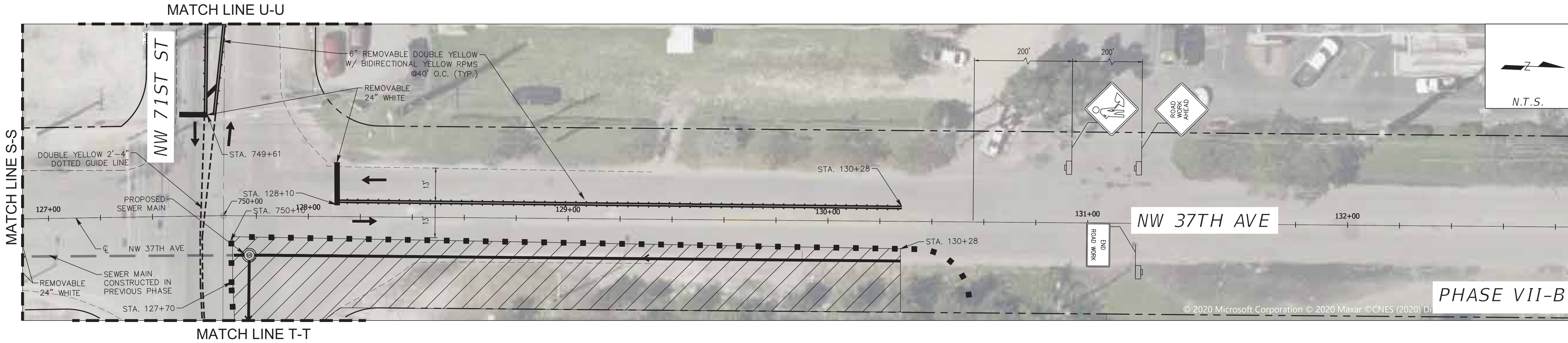
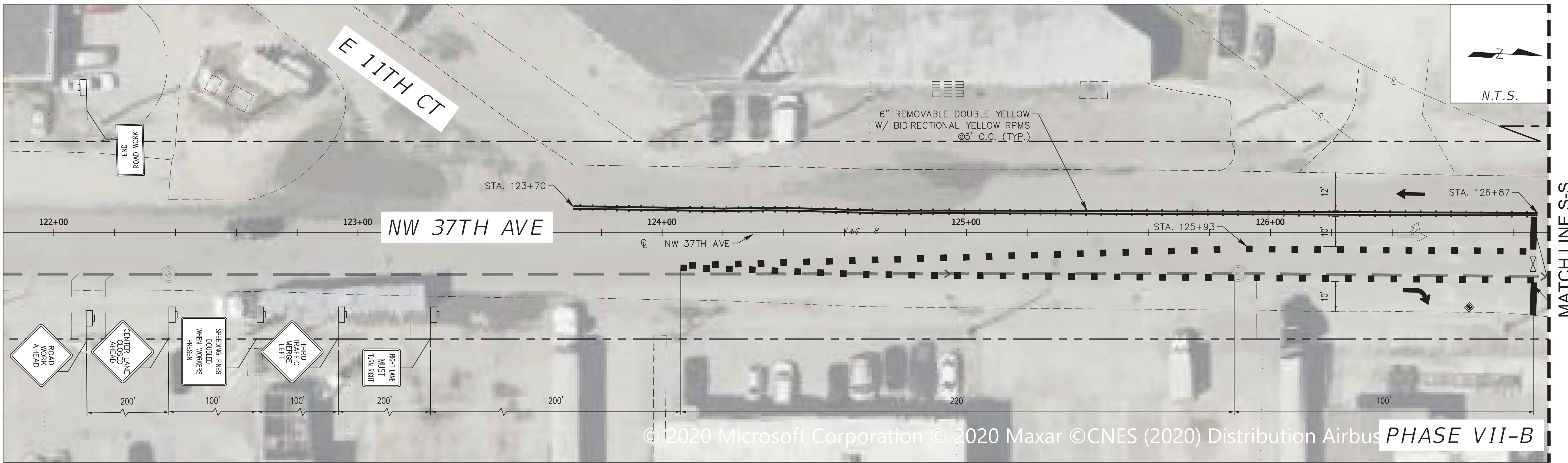
EB 71 ST
CLOSED

DETOUR
NW 67
ST

DETOUR PLAN - PHASE VII-A
INSTALLATION OF PROP. 8" SEWER MAIN
STA. 125+50 TO STA. 127+70

LEGEND:
 WORK AREA
 TYPE III BARRICADE
 WORK ZONE SIGN
 DIRECTION OF TRAFFIC

- LEGEND:
- WORK AREA
 - TYPE III BARRICADE
 - WORK ZONE SIGN
 - TYPE I OR TYPE II CHANNELIZING DEVICE
 - DIRECTION OF TRAFFIC
 - TEMPORARY PAVEMENT MARKINGS



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

DRAWING HISTORY		
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1 100% SUBMITTAL	03/05/21	H.L.

REVISIONS		
No.	DESCRIPTION	DATE BY

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

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