

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**GENERAL USE PERMIT**850-040-05  
MAINTENANCE  
05/08  
Page 1 of 2Date: 1/31/2017Permit No.: 17-K-294-0036Name of Applicant or Authorized Agent: Elizabeth A. DiMeo, PE, Mgr. WWW SystemsEntity (if applicable): JEA

(If entity, furnish contact information for responsible representative)

Address: 21 W Church St Zip Code: 32202City/State: Jacksonville, FL Telephone No.: 904.665.8139Email Address: dimeea@jea.com**Activity / Project Site**County: Nassau State Road: SR-200 Section: 74040000From Mile Post: 28.079 to Mile Post: 28.250 North BoundConstruction Proposed or Underway: Yes ☒ No ☐ FM Project No.: \_\_\_\_\_Name of Municipality if Work is within Limits: Unincorporated Nassau County, FLDescription of Work Activity: Maintenance of Traffic set up for proposed construction of 16" inch sewer force main and 16" Reclaim water main on William Burgess Blvd adjacent to SR-200**General Provisions**

1. Attach any pertinent plans or drawings.
2. Attach notification letters sent to any Utilities both aerial and underground that will be potentially impacted.
3. The designated FDOT Engineer shall be notified 48 hours prior to beginning of work. Contact Jennifer Rhoden at ( 904 ) 360-5372.
4. All work, materials and equipment shall be subject to inspection and approval by FDOT. Applicants certification of work at completion is required.
5. The permittee shall be responsible to place and display safety devices and proper maintenance of traffic in accordance with the latest version of the Department's Design Standards, index series 600, or an alternative plan signed and sealed by a professional Engineer and attached with the permit.
6. All FDOT property shall be restored to its original condition. Any damage to FDOT property as a result of this work shall be repaired and restored in a manner acceptable to the FDOT at the sole expense of the permittee.

**Special Provisions**

FDOT Design Standard Index Series 600-  
- current edition

**Conditions**

1. In the event the permittee fails to meet any of the requirements of this permit by the FDOT, the permitted activity must cease until brought into compliance. If compliance can not be met, then the permit will be rendered void and said work shall be removed from the right of way at no cost to the FDOT.
2. Work shall commence within 30 days of permit approval.  
Work shall be completed by 12/01/2017.  
(Date)
3. The rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said permittee of the aforesaid rights and privileges.

**Applicant**

I hereby agree to comply with all terms and conditions set forth and described in this permit.

Elizabeth A. DiMeo, PE, Mgr. W/WWW Systems  
Printed or Typed Name and Title

Elizabeth DiMeo  
Signature

4/27/17  
Date

**FDOT**

Approved By: Esther Murray  
Print Designated Engineer

Esther Murray  
Signature

5/26/17  
Date

Maintenance Manager - Permits  
Title

MAINTENANCE OF TRAFFIC GENERAL NOTES

- ALL MOT SHALL BE IN CONFORMANCE WITH FDOT AND MUTCD STANDARDS.
- CONTRACTOR SHALL NOTIFY THE NASSAU COUNTY ENGINEERING DIVISION (904-530-6225) A MINIMUM OF 5 WORKING DAYS PRIOR TO IMPLEMENTATION OF THE MOT.
- THE CONTRACTOR SHALL PROVIDE THE NASSAU COUNTY ENGINEERING DIVISION WITH THE NAME OF THE PERSON ON THE CONTRACTOR'S STAFF DESIGNATED TO BE RESPONSIBLE FOR THE IMPLEMENTATION OF ALL PHASES OF MOT PRIOR TO THE BEGINNING OF CONSTRUCTION.
- ANY EXISTING PAVEMENT MARKINGS WHICH ARE REMOVED FOR MOT PURPOSES SHALL BE REPLACED BEFORE COMPLETION OF THE PROJECT.
- THE REFLECTIVE SHEETING ON SIGNS, DRUMS OR BARRICADES SCRATCHED OR DAMAGED TO THE POINT THAT REFLECTIVITY IS IMPAIRED SHALL BE REPLACED. DAMAGED, DEFACED OR DIRTY SIGNS, CONES OR BARRICADES SHALL IMMEDIATELY BE REPAIRED, REPLACED OR CLEANED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING FORMAL MOT INSPECTIONS AND SHALL IMMEDIATELY REPLACE ALL EQUIPMENT AND DEVICES NOT CONFORMING TO FDOT STANDARDS. THESE INSPECTIONS SHALL TAKE PLACE AT LEAST ONCE A DAY AND SOME OF THESE INSPECTIONS SHALL BE CONDUCTED AT NIGHT. THE JEA SHALL BE ADVISED OF THE SCHEDULE OF THE INSPECTIONS AND BE GIVEN THE OPPORTUNITY TO JOIN IN THE INSPECTION.
- SHORT TERM STOPPING OR PARKING OF A VEHICLE, OR PLACING ANYTHING ELSE NEXT TO THE WORK AREA (FOR EXAMPLE, A STACK OF CONES, PARKED CONSTRUCTION EQUIPMENT/VEHICLES, ETC.) CREATES A CHANNEL EFFECT WHICH CAN ADVERSELY AFFECT TRAFFIC FLOW. THEREFORE, ALL CONSTRUCTION EQUIPMENT SHALL BE PLACED A MINIMUM OF 15 FEET FROM THE TRAVEL LANE WHEN NOT IN USE.
- ALL DROP OFFS ALONG CONSTRUCTION WORK AREAS SHALL BE HANDLED AS PER FDOT INDEX 600 CURRENT EDITION.
- TRAFFIC CONDITIONS, ACCIDENTS AND OTHER EMERGENCY CONDITIONS MAY REQUIRE THE OWNER TO MODIFY ANY CHANNELIZATION SHOWN IN THESE PLANS, THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS, AS DIRECTED BY NASSAU COUNTY OR THE JEA, WITHOUT DELAY.

GENERAL NOTES CONT'D.

- WARNING LIGHTS SHALL BE USED TO MARK PLASTIC DRUMS OR BARRICADES AT NIGHT AS NEEDED.
- TEMPORARY PAVEMENT, IF REQUIRED, SHALL CONSIST OF 1" OF TYPE S-III OR S-1 ASPHALT ON 6" OF LIMEROCK.
- DUST CONTROL MEASURES SHALL BE IMPLEMENTED ON ALL UNPAVED SURFACES UNTIL PAVED OR GROUND COVER IS ESTABLISHED.
- THE CONTRACTOR SHALL RETURN THE GROUND TO ITS ORIGINAL CONDITION AND ELEVATION WHEN REMOVING ANY TEMPORARY PAVEMENT.
- THE CONTRACTOR SHALL, AS REQUIRED, PROVIDE TEMPORARY DRAINAGE DURING CONSTRUCTION, AS NEEDED.

SPECIAL FLAGGER CONTROL NOTES

- THE CONTRACTORS SELECTION OF MEANS, METHODS, TECHNIQUES AND SEQUENCE OF CONSTRUCTION MAY REQUIRE PERIODIC FLAGGER CONTROL.
- IT MAY BE ADVISABLE TO EMPLOY FLAGGERS FOR THE SAFETY OF THE MOTORING PUBLIC WHEN MOVING EQUIPMENT AND HANDLING MATERIAL.
- IT WILL BE INCUMBENT UPON THE CONTRACTOR TO DETERMINE WHEN HIS OR HER OPERATIONS REQUIRE FLAGGER CONTROL.

MAINTENANCE OF TRAFFIC HURRICANE NOTE

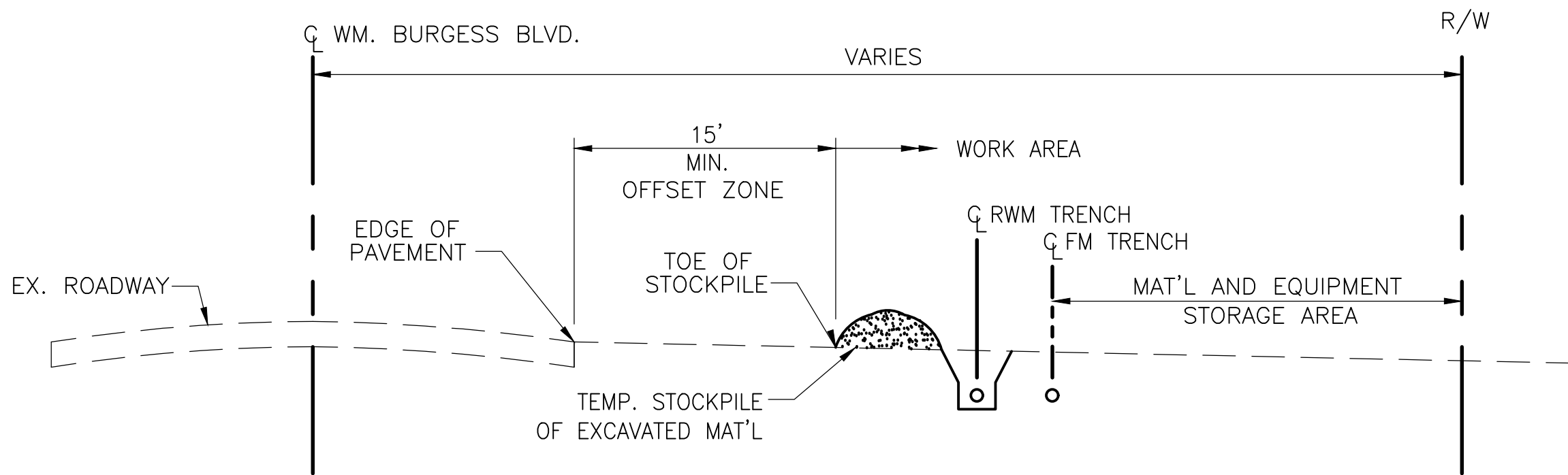
- IN THE EVENT A HURRICANE IS THREATENING THE NASSAU COUNTY AREA, IMPLEMENTATION OF THESE MOT PLANS SHALL BE HELD IN ABEYANCE UNTIL THE THREAT PASSES.

MAINTENANCE OF TRAFFIC REQUIREMENTS

- PROJECT WORK HOURS ARE BETWEEN 7:00 A.M. AND 7:00 P.M. UNLESS OTHERWISE DIRECTED BY THE JEA.
- ACCESS FOR LOCAL TRAFFIC WITH DESTINATIONS WITHIN THE WORK AREA SHALL BE MAINTAINED TO THE EXTENT SAFETY WILL PERMIT.
- ACCESS TO INTERSECTING SIDE STREETS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE NOTED WITHIN THESE MOT PLANS.
- IT IS ANTICIPATED THAT ALL EXISTING SIDEWALKS WILL REMAIN OPEN AND ACCESSIBLE DURING CONSTRUCTION.
- ANY MODIFICATIONS TO THESE MAINTENANCE OF TRAFFIC PLANS SHALL BE SUBMITTED TO THE NASSAU COUNTY ENGINEERING DIVISION FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR HAS THE OPTION TO SUBMIT ALTERNATIVE TRAFFIC CONTROL PLANS FOR APPROVAL BY THE NASSAU COUNTY ENGINEERING DIVISION. ALTERNATE TRAFFIC CONTROL PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AND SHALL BE CONSISTENT WITH STANDARD MOT DESIGN PRACTICES. NO CONSTRUCTION ACTIVITY WILL BE ALLOWED UNTIL THE CONTRACTOR'S MOT PLANS ARE APPROVED IN WRITING.

MAINTENANCE OF TRAFFIC SIGNING NOTES

- THE CONTRACTOR SHALL INSURE THAT PERMANENT SIGNS DO NOT CONFLICT WITH MOT SIGNS. THE CONTRACTOR SHALL COVER ALL SIGNS, BOTH PERMANENT AND TEMPORARY, THAT CONFLICT WITH TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS.
- THE EXISTING POSTED SPEED LIMIT SIGNS SHALL REMAIN THROUGHOUT ALL PHASES UNLESS OTHERWISE NOTED. THE CONTRACTOR MAY ADD ORANGE AND BLACK ADVISORY SPEED PLATES TO EXISTING SPEED LIMIT SIGNS.
- ANY EXISTING STREET AND ROAD NAME SIGNS THAT ARE IMPACTED BY CONSTRUCTION SHALL BE TEMPORARILY RELOCATED AND KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLE TRAFFIC.
- CONTRACTOR MUST MAINTAIN EXISTING SIGNING. IF SIGNS ARE DAMAGED DUE TO HIS ACTIVITY, THE CONTRACTOR IS REQUIRED TO REPLACE THEM IN ACCORDANCE WITH CURRENT COUNTY OR FDOT STANDARD SPECIFICATIONS AT NO ADDITIONAL COST TO JEA.

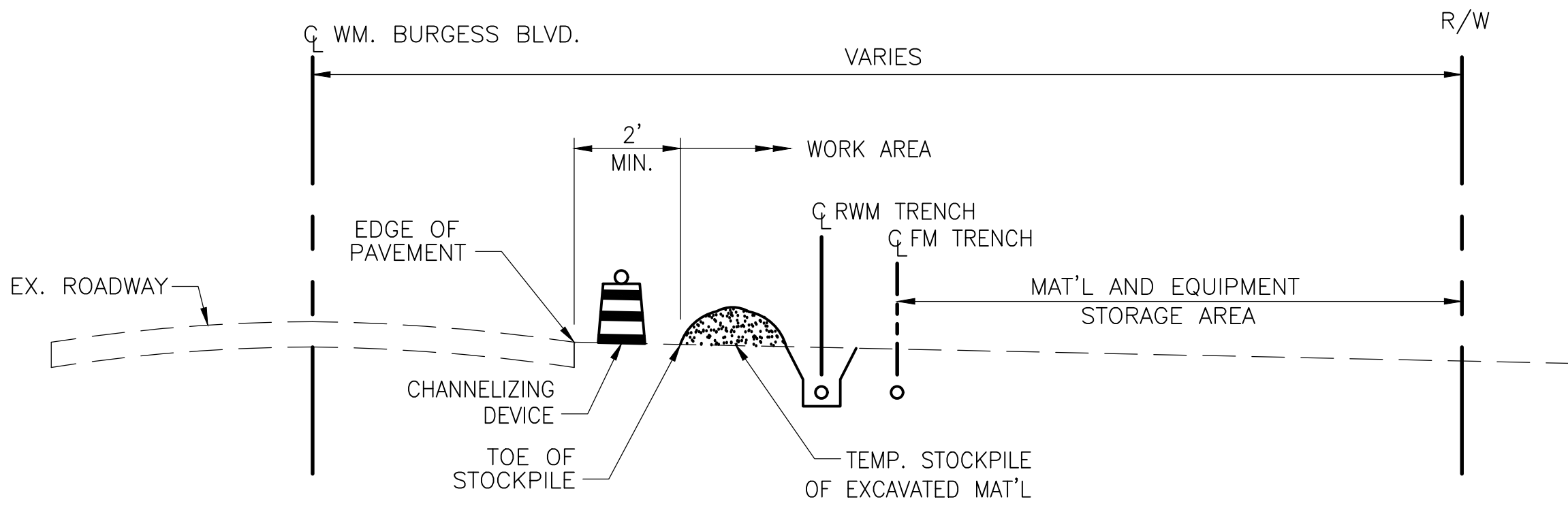


WORK AREA - CONDITION NO. 1

N.T.S.

WHEN THE WORK AREA IS 15' OR MORE FROM THE EDGE OF PAVEMENT, FDOT INDEX 601, TWO-LANE, TWO-WAY, WORK OUTSIDE SHOULDER, SHALL APPLY.

PER GENERAL NOTE 1 OF INDEX 601, IF THE CONTRACTORS WORK OPERATION REQUIRES THAT TWO OR MORE WORK VEHICLES CROSS THE 15' MIN. OFFSET ZONE IN ANY ONE HOUR, TEMPORARY TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH FDOT INDEX NO. 602.



WORK AREA - CONDITION NO. 2

N.T.S.

WHEN THE WORK AREA IS LESS THAN 15', BUT 2' MIN. OR MORE FROM THE EDGE OF PAVEMENT, FDOT INDEX 602, TWO-LANE, TWO-WAY, WORK ON SHOULDER, SHALL APPLY.

THE RECOMMENDED CHANNELIZING DEVICE IS PLASTIC DRUMS. POSTED SPEED LIMIT IS 35 MPH.

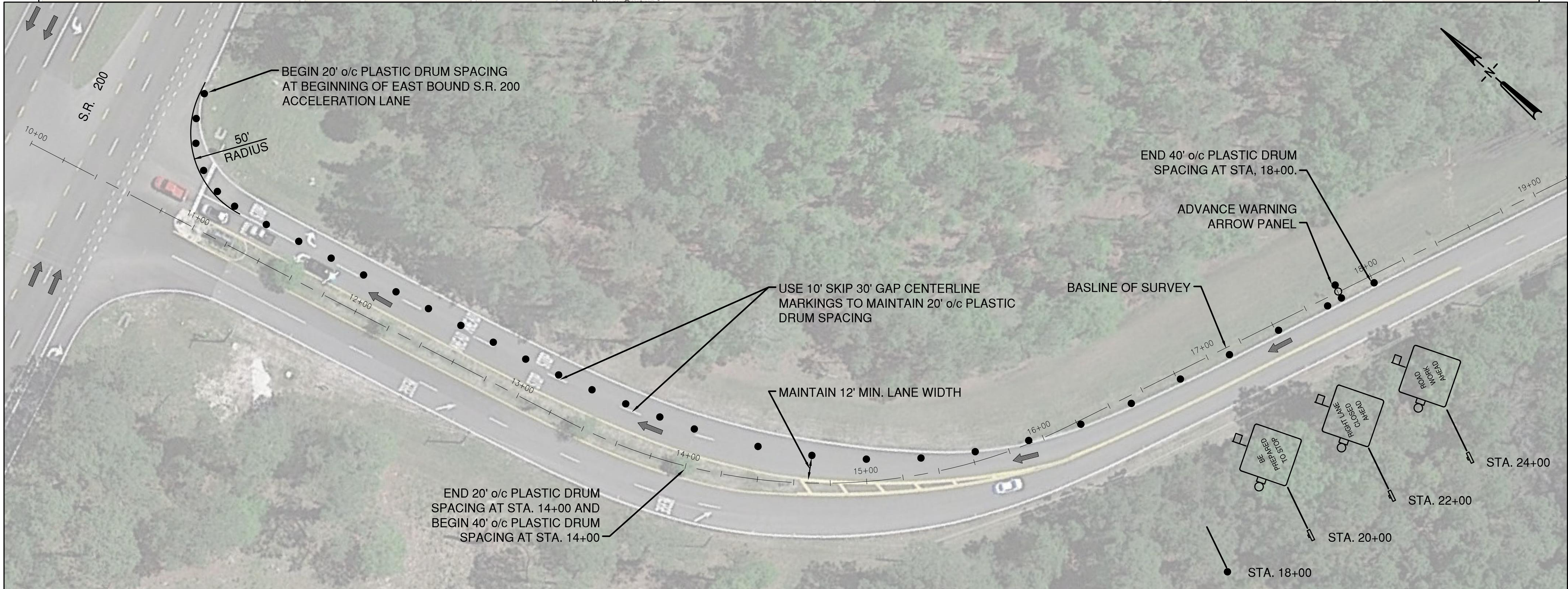
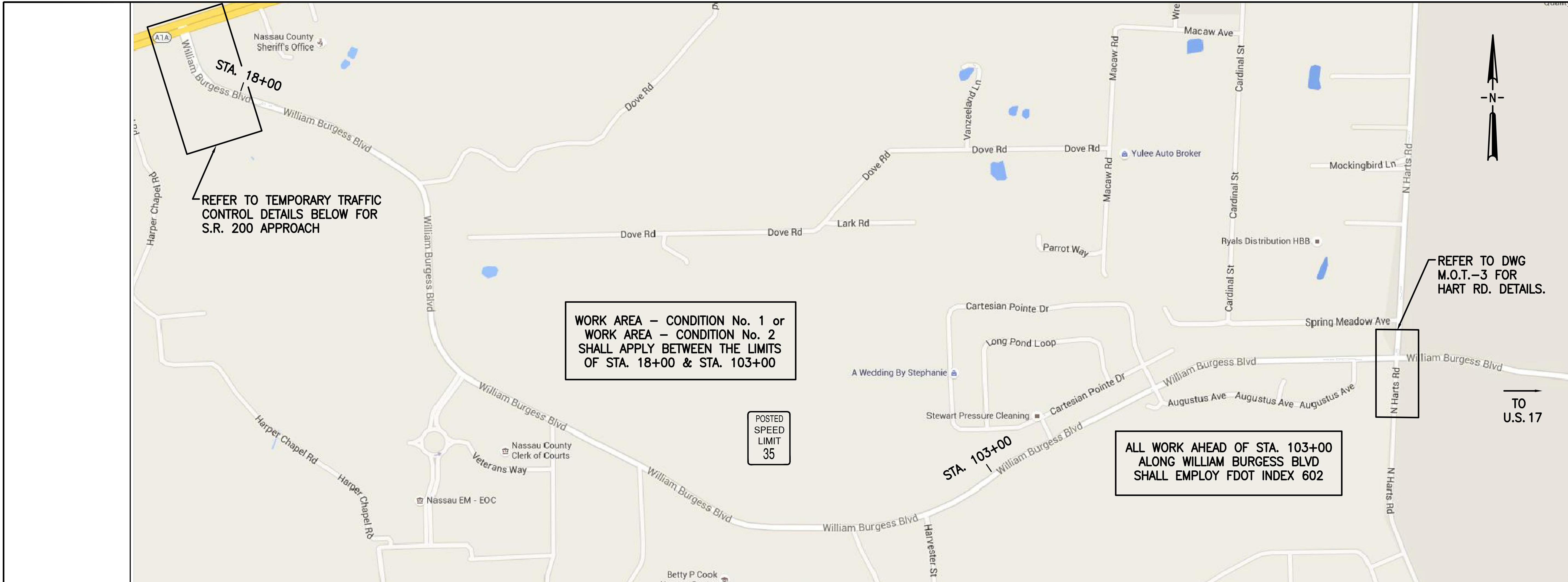
WORK AREA - CONDITION NO. 1 OR CONDITION NO. 2 SHALL APPLY BETWEEN THE LIMITS OF STA. 18+00 AND STA 103+00.

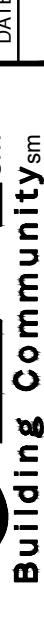

MOT LEGEND

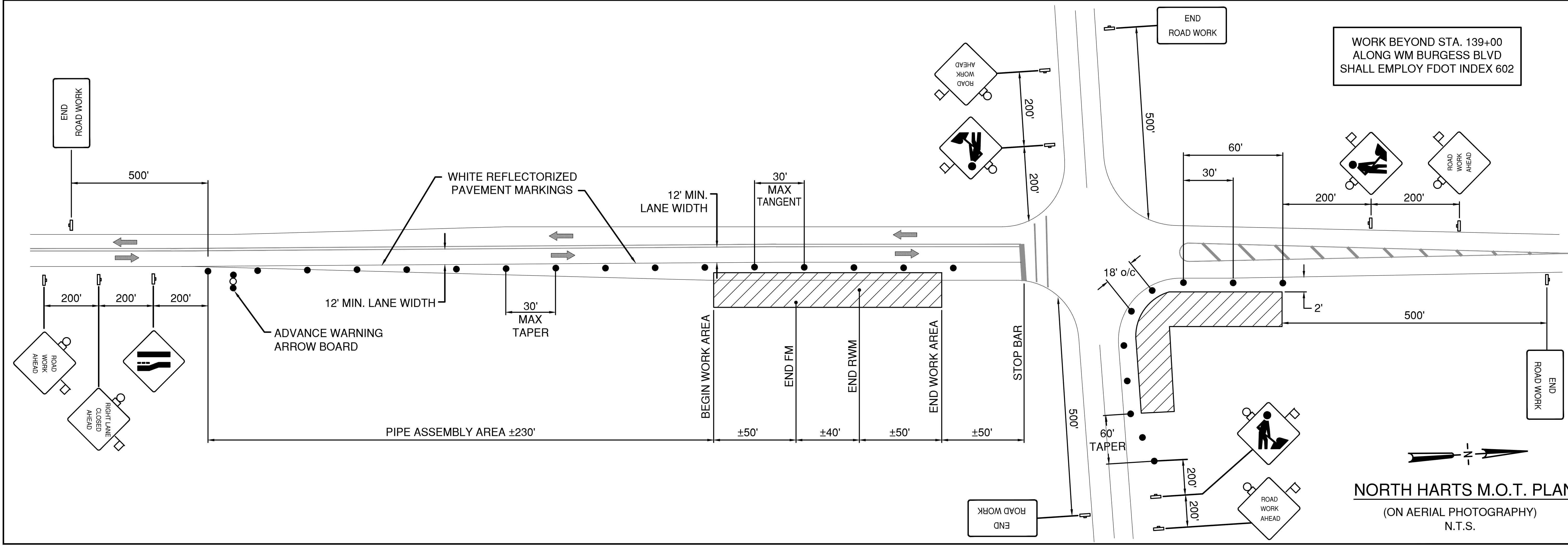
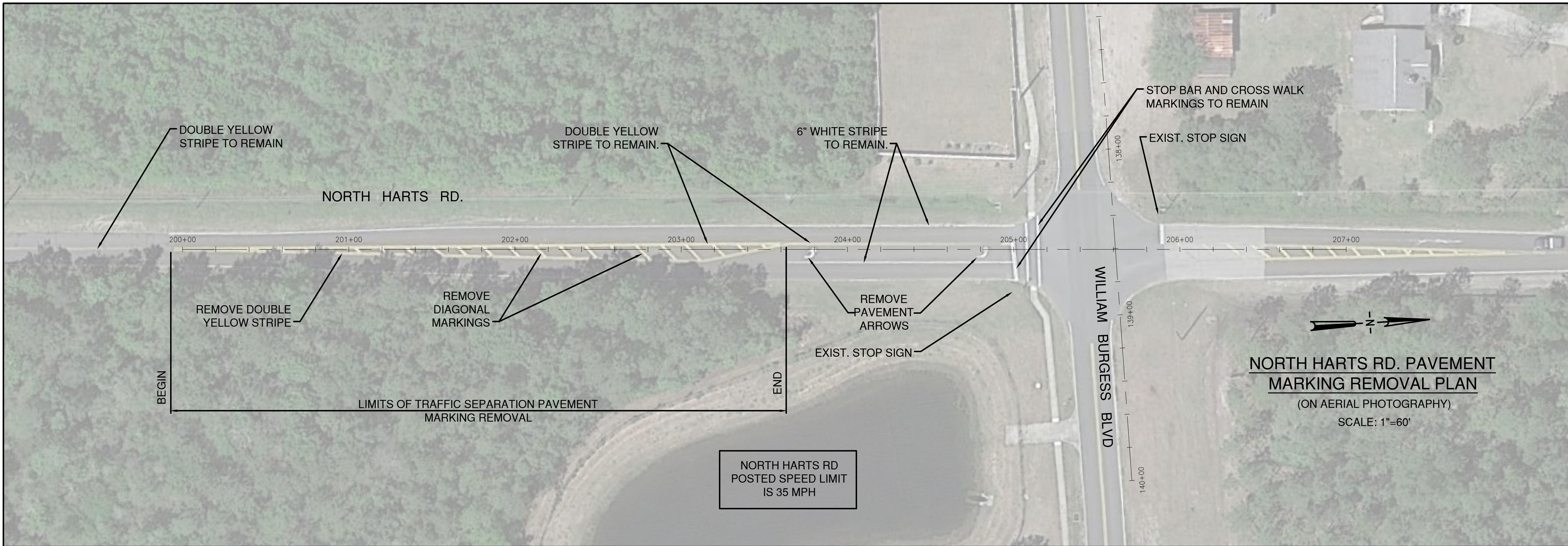
- CHANNELIZING DEVICE (DRUM WITH WARNING LIGHT)
- SIGN 18"x18" (MIN.) WITH ORANGE FLAG AND TYPE B LIGHT
- WORK ZONE SIGN
- ADVANCE WARNING ARROW PANEL
- LANE IDENTIFICATION (DIRECTION OF TRAFFIC)

WILLIAM BURGESS BLVD.  
POSTED SPEED LIMIT IS  
35 MPH

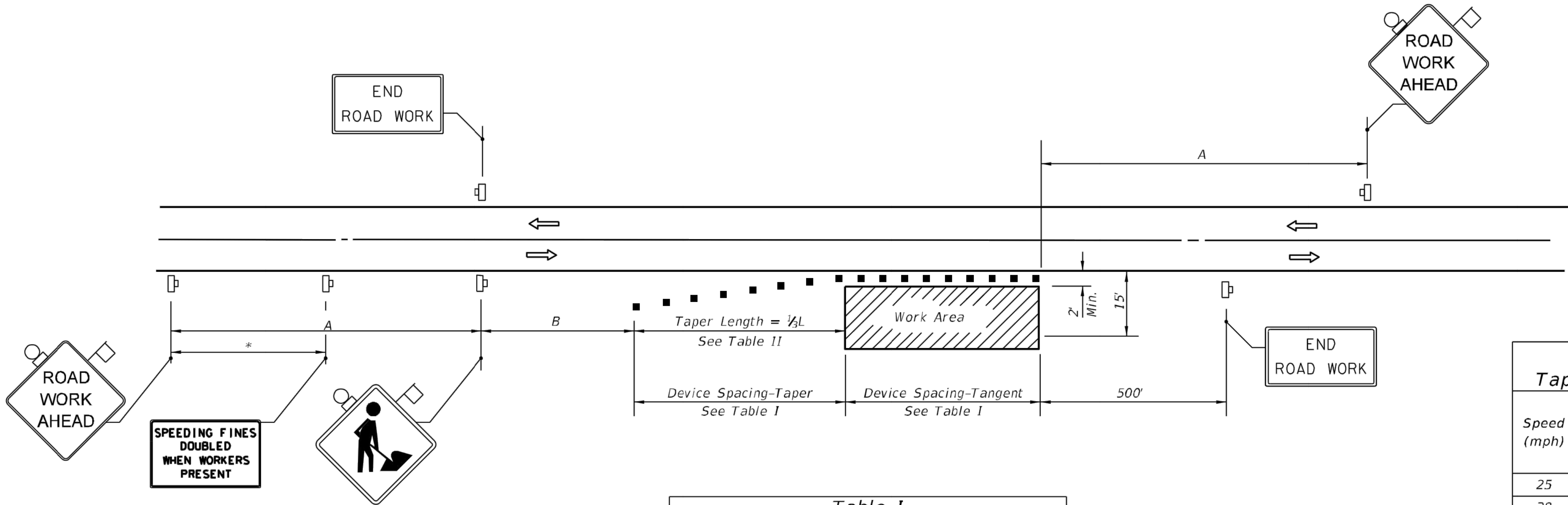
<b>JONES EDMUNDS</b> 1100 CERRY BLVD - SECOND FLOOR, JACKSONVILLE, FLORIDA 32211 / (904) 744-5401 CERTIFICATE OF AUTHORIZATION #1841		REVISIONS	
		NO.	DATE
<b>JEA</b> Building Community <sup>sm</sup> WILLIAM BURGESS BLVD 16" SEWER FORCE MAIN AND 16" RECLAIM WATER MAIN MOT GENERAL NOTES	DESIGNER	W. FLICK	DESIGN ENGINEER
	DRAWN BY	R. SHAMON II	WILLIAM J. FLICK, P.E.
	DATE:	DECEMBER 2016	FLORIDA REGISTRATION NO.
	CHECKED BY:	S. MANIS	37559
	DATE:	DECEMBER 2016	
NO. SHEETS	PROJ. NO.	8003025	
41	8003488	DATE:	DECEMBER 14, 2016
SHEET NO.		SCALE:	N.T.S.
DRAWING NO.			
MOT-1			



NO. SHEETS		PROJ. NO. 8003025		WILLIAM BURGESS BLVD 16" SEWER FORCE MAIN AND 16" RECLAIM WATER MAIN MAINTENANCE OF TRAFFIC PLAN				Construction & Engineering Services Consultants, Inc. 13000 University Road, Suite 100 Jacksonville, FL 32256 Tel: (904) 652-1186 Business Number CA 27598		 1100 CECILY BLVD. SECOND FLOOR JACKSONVILLE, FLORIDA 32211 / (904) 744-5401 CERTIFICATE OF AUTHORIZATION #1841					
SHEET NO.		DATE: DECEMBER 14, 2016													
DRAWING NO.		SCALE: N.T.S.													
MOT-2								DESIGNER: W. FLICK		DESIGN ENGINEER	NO.	BY	DATE	REVISIONS	
								DRAWN BY: R. SIMMONS II		WILLIAM J. FLICK, P.E.	6.				
								CHECKED BY: S. MANIS		FLORIDA REGISTRATION NO.	4.				
								DATE: DECEMBER 2016			3.				
										37559	1.				



<div><div>JONES EDMUNDS</div><div>1100 CECERY BLVD. SECOND FLOOR, JACKSONVILLE, FLORIDA 32211 / (904) 744-5401</div><div>CERTIFICATE OF AUTHORIZATION #1841</div></div>		<div><div>Construction &amp; Engineering Services Consultants, Inc.</div><div>9432 Baymeadows Road, Suite 100</div><div>Jacksonville, FL 32256</div><div>Tel: (904) 652-1186</div><div>Business Number CA 27598</div></div> <div><div>C&amp;ES</div><div>CONSULTANTS, INC.</div></div>		<div><div>DESIGNER</div><div>W. FLICK</div></div> <div><div>DESIGNED BY</div><div>R. SIMMONS II</div></div> <div><div>DATE:</div><div>DECEMBER 2016</div></div> <div><div>DRAWN BY:</div><div>WILLIAM J. FLICK, P.E.</div></div> <div><div>DATE:</div><div>DECEMBER 2016</div></div> <div><div>FLORIDA REGISTRATION NO.</div><div>37559</div></div>		<div><div>WILLIAM BURGESS BLVD 16" SEWER</div><div>FORCE MAIN AND 16" RECLAIM WATER MAIN</div><div>NORTH HARTS RD. M.O.T.</div></div> <div><div>JEA</div><div>Building Community<sup>sm</sup></div></div>		PROJ. NO. 8003025		SHEET NO. 41	
								DATE: DECEMBER 14, 2016		SCALE: N.T.S.	
NO. SHEETS		DRAWING NO.		MOT-3							



DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\*Midway between signs.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II Taper Length - Shoulder				
Speed (mph)	1/2 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L = \frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	$L = WS$
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

1/2 L = Length of shoulder taper in feet

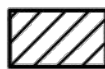




W = Width of total shoulder in feet  
(combined paved and unpaved width)

S = Posted speed limit (mph)

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT,  
WORKERS OR THEIR ACTIVITIES  
ENCROACH THE AREA CLOSER  
THAN 15' BUT NOT CLOSER THAN  
2' TO THE EDGE OF TRAVEL WAY.

SYMBOLS


-  Work Area
-  Sign With 18" x 18" (Min.) Orange Flag And Type B Light
-  Channelizing Device (See Index No. 600)
-  Work Zone Sign
-  Lane Identification + Direction of Traffic


GENERAL NOTES

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES


- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

LAST REVISION	DESCRIPTION:		FDOT DESIGN STANDARDS 2013	TWO-LANE, TWO-WAY, WORK ON SHOULDER		INDEX NO.	SHEET NO.
07/01/12						602	1



1100 CECERY BLVD. SECOND FLOOR, JACKSONVILLE, FLORIDA 32211 / (904) 744-5401  
CERTIFICATE OF AUTHORIZATION #1841

Consulting & Engineering  
Services Consultants, Inc.  
9432 Baymeadows Road, Suite 100  
Jacksonville, FL 32256  
Tel: (904) 652-1186  
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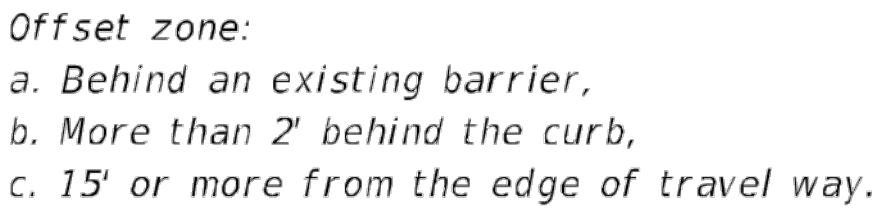
NO.	BY	DATE	REVISIONS
6			
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DESIGNER: W. FLICK  
DRAWN BY: R. SIMMONS II  
DATE: DECEMBER 2016  
CHECKED BY: S. MANIS  
DATE: DECEMBER 2016

DESIGN ENGINEER: WILLIAM J. FLICK, P.E.  
FLORIDA REGISTRATION NO. 37559

WILLIAM BURGESS BLVD 16" SEWER  
FORCE MAIN AND 16" RECLAIM WATER MAIN  
INDEX 602 REFERENCE PLAN

NO. SHEETS 41	PROJ. NO. 8003025 6003488	DATE: DECEMBER 14, 2016
SHEET NO.		SCALE: N.T.S.
DRAWING NO. MOT-5		



Work Area

Lane Identification + Direction of Traffic

1. *If the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in conformance with Index No. 602.*
2. *No special signing is required.*
3. *When a side road intersects the highway within the work area, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.*
4. *When construction activities encroach on a sidewalk refer to Index No. 660.*
5. *For general TCZ requirements and additional information, refer to Index No. 600.*

WHERE ANY VEHICLE, EQUIPMENT,  
WORKERS AND THEIR ACTIVITIES  
ARE BEHIND AN EXISTING BARRIER,  
MORE THAN 2' BEHIND THE CURB,  
OR 15' OR MORE FROM THE EDGE  
OF TRAVEL WAY.



NO. SHEETS 41	PROJ. NO. 8003025 8003498
SHEET NO. 40	DATE: DECEMBER 14, 2016
DRAWING NO. MOT-4	SCALE: N.T.S.