

MULTIMODAL ACCESS CLOSURE EXCEPTION APPLICATION FORM AND CHECKLIST

Submittal Date: 7/30/24 New Submittal Re-Submittal No: _____

Related Building Permit No: T2024038519

Project Name: Demonbreun Hill Residential Tower

Street Name Location: 1530 Demonbreun st

Between: Demonbreun St And: 16th Avenue

Applicant Name: Michael Derbyshire

Address: 209 10th Avenue S, Suite 402

Phone: 301-875-4028 Fax: _____ Contact: _____

Email: Michael.Derbyshire@Clarkconstruction.com

Project Description: 22 Story Mixed-Use Residential Tower

Start Date: Q4 2024 End Date: Q2 2027 Project Length: 30 Months

Describe Type of Closure: Lane closure along 16th street from demonbruen st to McGavock st. Alley closure with detour. Sidewalk closure on east side of 16th avenue between Demonbreun st and McGavock st.

Provide Reasons why Project cannot be completed without closures and what other options were considered (attach documents as needed): In an effort to keep all construction traffic off of Demonbreun st.

PROJECT INFORMATION CHECKLIST:

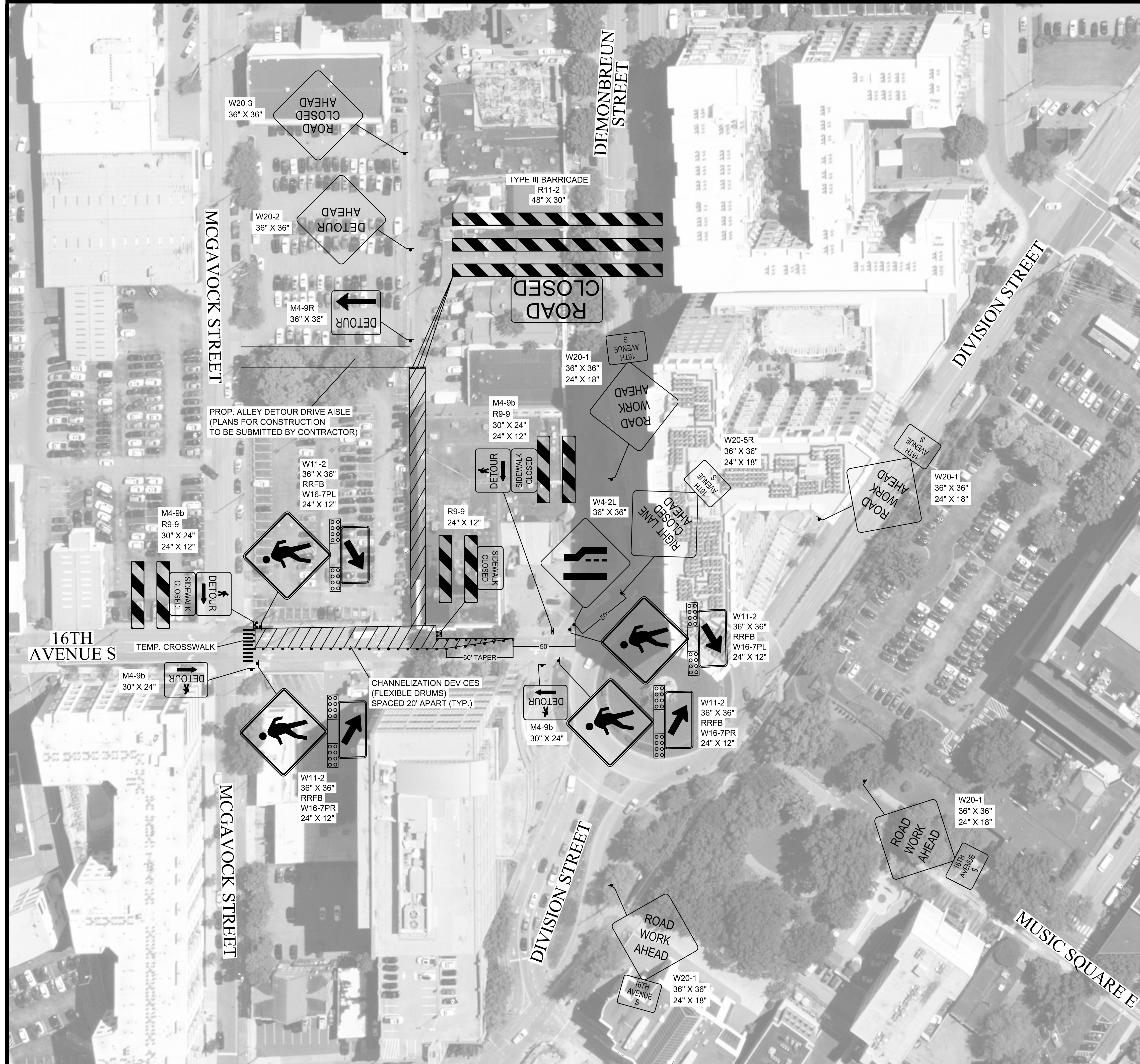
Included Not Applicable

- | | | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Project Vicinity Map with Project Area shown, street names, property information, existing pavement and striping, gutter and building locations, north arrow, and scale. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Planned work hours included. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exact location and dimensions of the construction work zone shown. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | If multiple phases are necessary, include perimeter impact of each phase, phase number, anticipated work hours and phase duration. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Details on construction activity and equipment being used as part of construction included for each phase. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Specify if any on-street parking, and/or metered parking, is to be restricted and if bus zone will need to be relocated. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Specify if trash pickup will be impacted. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Provide information on all utility work and utility connections. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | List all affected residents, businesses, agencies, and schools and any conversations/agreements taken place. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Show ongoing construction projects within vicinity of proposed project impact. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Provide plan to address conflicts with other nearby projects. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Provide traffic control plan for each phase of construction (see traffic control checklist for more information). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Provide information on work vehicle parking locations. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Show construction trucks ingress/egress to project location. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Provide information on any traffic signals, traffic signal loops, and traffic signal cabinets in close proximity to project. |

TRAFFIC CONTROL PLAN CHECKLIST:

Included Not Applicable

- All temporary traffic control plans shall be designed in accordance with the most recent ADA regulations and requirements of the Manual of Uniform Traffic Control Devices.
- Clearly show the locations of all existing signs (including speed limit) as well as the proposed signs for each construction phase.
- Show the location of all existing pedestrian paths and pedestrian detour route of each stage of construction.
- Show dimensions of travel lane width, shoulder width, sidewalk of each phase, and overall roadway width along the length of affected area.
- Show all existing striping and markings to remain, to be removed, and all proposed striping and markings for each construction stage.
- Provide detour plan clearly showing detour route for any roadway or pedestrian/bike path closures.
- Specify placement of all temporary traffic control devices.
- Specify spacing of all temporary traffic control devices.
- Show all existing traffic signals and streetlights in the work zone location.
- Lighting provided for all pedestrian detour routes.
- Provide minimum eleven (11) foot travel lanes at all times.
- Show size, height, and location of all channelizing devices, warning lights, flag trees, barriers, etc.
- Label all taper lengths and widths.
- Provide locations of police officers for each phase as needed.
- Temporary Traffic Control Plan has been stamped and signed by a TN licensed Civil Engineer.

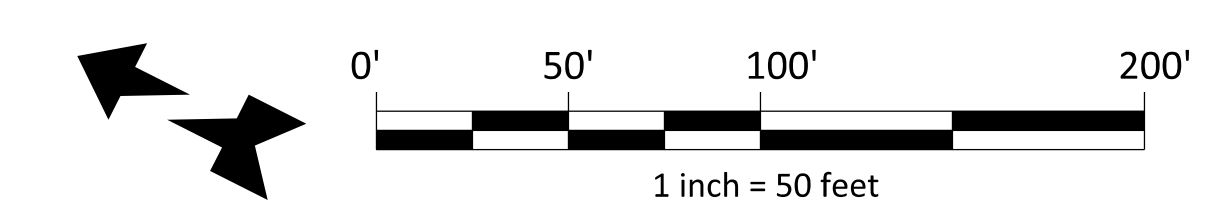


DESCRIPTION:

TRAVEL LANE AND SIDEWALK CLOSURE ALONG 16TH AVENUE S BETWEEN BUDDY KILLEN CIRCLE AND MCGAVOCK STREET IN NASHVILLE, TN.

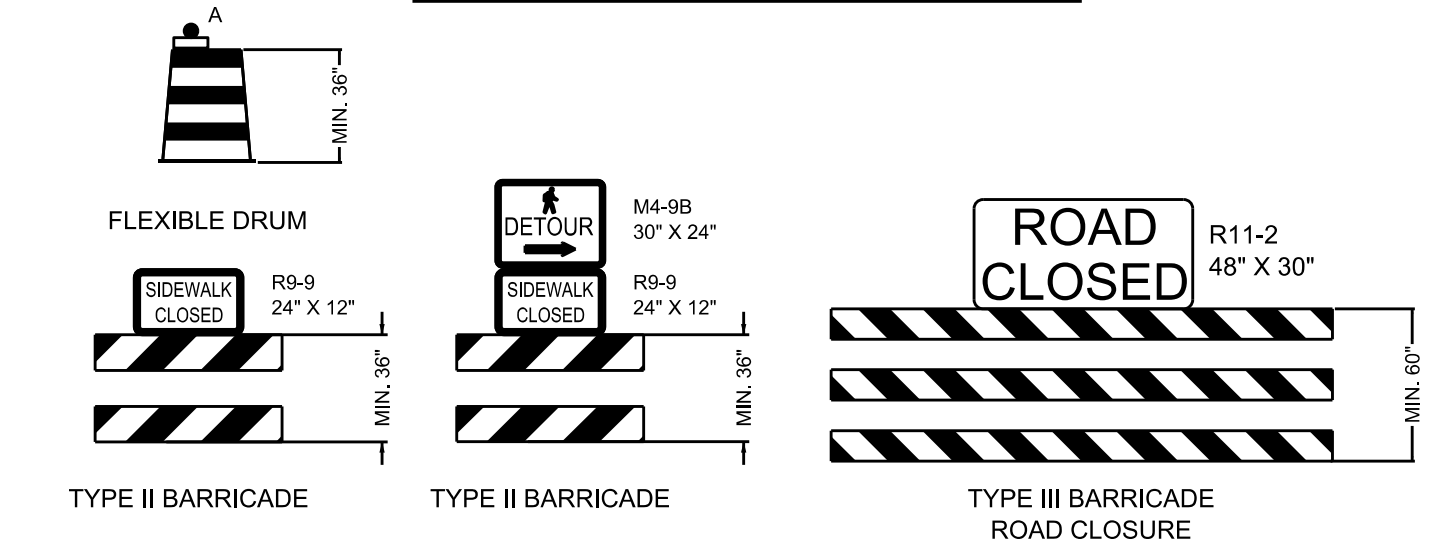
TRAFFIC CONTROL NOTES:

- TRAVEL LANE AND SIDEWALK CLOSURE TO OCCUR ALONG 16TH AVENUE S BETWEEN BUDDY KILLEN CIRCLE AND MCGAVOCK STREET FOR THE DURATION OF THE PROJECT.
- ALL TRAFFIC CONTROL DEVICES AND WARNING SIGNS SHOULD BE REMOVED OR COVERED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED OR IN USE.
- ALL TRAFFIC CONTROL DEVICES, BARRICADES, BALLAST SYSTEMS, AND SIGN SUPPORT STRUCTURES USED ON ANY ROADWAY OPEN TO PUBLIC TRAVEL SHALL BE CRASHWORTHY WHEN INSTALLED FACING TRAFFIC OR TURNED AWAY FROM TRAFFIC.
- ALL WARNING SIGNS IN TEMPORARY TRAFFIC CONTROL ZONES SHALL HAVE A BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND.
- ALL REGULATORY SIGNS IN TEMPORARY TRAFFIC CONTROL ZONES SHALL HAVE A BLACK LEGEND AND BORDER ON A WHITE BACKGROUND.
- ADVANCE WARNING SIGNS TO BE PLACED ALONG THE 16TH AVENUE S NEAR BUDDY KILLEN CIRCLE APPROXIMATELY FIFTY (50) FEET APART PRIOR TO LANE SHIFT TAPER NEAR THE START OF THE WORK ZONE.
- ADVANCE WARNING SIGNS TO BE PLACED ALONG ALL APPROACHING LEGS OF THE ROUNDABOUT AT BUDDY KILLEN CIRCLE APPROXIMATELY 100 FEET PRIOR TO THE INTERSECTION WITH BUDDY KILLEN CIRCLE.
- FLEXIBLE DRUMS WILL BE UTILIZED AS CHANNELIZATION DEVICES ALONG 16TH AVENUE S WITHIN THE WORK ZONE.
- CHANNELIZATION DEVICES (FLEXIBLE DRUMS) WITHIN THE WORK ZONE TO BE SPACED TEN (10) FEET APART.
- FLEXIBLE DRUMS MUST BE A MINIMUM OF THIRTY-SIX (36) INCHES HIGH AND EIGHTEEN (18) INCHES WIDE WITH A MINIMUM OF TWO (2) ORANGE AND TWO (2) WHITE RETRO-REFLECTIVE HORIZONTAL STRIPES WITH THE TOP STRIPE BEING ORANGE ACCORDING TO MUTCD SECTION 6F.
- FLEXIBLE DRUMS SHOULD BE BALLASTED APPROPRIATELY ACCORDING TO THE MANUFACTURER'S STANDARDS.
- SPACING OF FLEXIBLE DRUMS NEAR DRIVEWAYS OF ADJACENT SITES TO BE ADJUSTED AS DETERMINED BY SITE CONTRACTOR.
- A TEMPORARY CROSSWALK WILL BE INSTALLED ON 16TH AVENUE S NEAR THE INTERSECTION WITH MCGAVOCK STREET UTILIZING THE EXISTING PEDESTRIAN CURB RAMPS.
- THE TEMPORARY CROSSWALK MUST MAINTAIN A MINIMUM OF FIVE (5) FEET AND IT MUST BE ACCESSIBLE TO PEDESTRIANS WITH DISABILITIES AND SHOULD BE CONSTRUCTED ACCORDING TO NDOT AND TDOT STANDARDS.
- RECTANGULAR RAPID FLASHING BEACONS TO BE ATTACHED TO THE PEDESTRIAN SYMBOL SIGNS (W11-2) NEAR THE EXISTING CROSSWALK ALONG 16TH AVENUE S AT BUDDY KILLEN CIRCLE AND THE TEMPORARY CROSSWALK ALONG 16TH AVENUE S AT MCGAVOCK STREET.
- TYPE 2 BARRICADES WITH A MOUNTED PEDESTRIAN DETOUR (M4-9B) AND A SIDEWALK CLOSED (R9-9) SIGN TO BE PLACED ALONG BOTH APPROACHES OF THE SIDEWALK ON THE EAST SIDE OF 16TH AVENUE S PRIOR TO THE SIDEWALK CLOSURE.
- TYPE 2 BARRICADES MUST BE A MINIMUM LENGTH OF THIRTY-SIX (36) INCHES ACCORDING TO TDOT STANDARDS. EACH BARRICADE RAIL MUST BE EIGHT (8) TO TWELVE (12) INCHES WIDE.
- THE STRIPES ON TYPE 2 BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES. THE STRIPES SHOULD BE POSITIONED TO SLOPE DOWNWARD TOWARD THE CENTER OF THE BARRICADE OR BARRICADES.
- THE ALLEY WILL BE CLOSED FOR THE DURATION OF THE PROJECT AND AN ALLEY DETOUR DRIVE AISLE WILL BE CONSTRUCTED TO CONNECT THE ALLEY TO MCGAVOCK STREET FOR THE DURATION OF THE PROJECT.
- ADVANCE WARNING SIGNS TO BE PLACED ALONG THE ALLEY APPROXIMATELY 100 FEET APART PRIOR TO THE ROADWAY CLOSURE.
- TYPE 3 BARRICADES WITH A MOUNTED ROAD CLOSED (R11-2) SIGN TO BE PLACED ACROSS ALL LANES OF THE ALLEY AT THE ROADWAY CLOSURE.
- TYPE 3 BARRICADES MUST BE A MINIMUM LENGTH OF SIXTY (60) INCHES ACCORDING TO TDOT STANDARDS. EACH BARRICADE RAIL MUST BE EIGHT (8) TO TWELVE (12) INCHES WIDE.
- THE STRIPES ON TYPE 3 BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES. THE STRIPES SHOULD BE POSITIONED TO SLOPE DOWNWARD TOWARD THE CENTER OF THE BARRICADE OR BARRICADES.
- SIGNS MOUNTED ON TYPE 3 BARRICADES SHOULD NOT COVER MORE THAN 50 PERCENT OF THE TOP TWO RAILS OR 33 PERCENT OF THE TOTAL AREA OF THE THREE RAILS.
- TYPE 3 BARRICADE RAILS SHOULD BE SUPPORTED IN A MANNER THAT WILL ALLOW THEM TO BE SEEN BY THE ROAD USER AND PROVIDE STABLE SUPPORT THAT IS NOT DISPLACED.
- TRAFFIC CONTROL DEVICES SHOULD BE PLACED AS NOT TO IMPEDE ACCESS TO DRIVEWAYS LOCATED OUTSIDE OF THE WORK ZONE.
- TRAFFIC CONTROL DEVICES SHOULD BE PLACED AS NOT TO BLOCK VISIBILITY OF ANY REGULATORY SIGNS OUTSIDE OR WITHIN THE WORK ZONE.
- ENSURE ALL SIGNS ARE MOUNTED ON POSTS AS NOT TO OBSTRUCT THE USE OF THE SIDEWALK.
- COORDINATE ALL SIGNAGE WITH EXISTING PROJECTS IN THE AREA AS NOT TO OVERLAP IN SIGNAGE OR MISDIRECT ROAD USERS.
- THE LOCATIONS OF TRAFFIC SAFETY OFFICERS (IF NECESSARY) WITHIN THE WORK ZONE AREA TO BE DETERMINED BY THE SITE COORDINATOR.
- REFER TO TDOT STANDARD DRAWINGS, TDOT WORK ZONE FIELD ZONE MANUAL, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR ADDITIONAL DETAILS RELATED TO WORK ZONE DEVICES.



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION)
	FLEXIBLE DRUMS (CHANNELIZING)
	TEMPORARY BARRICADE (TYPE III)
	TEMPORARY BARRICADE (TYPE II)

TRAFFIC CONTROL DEVICES



NO.	DATE	REVISIONS
1	07/30/24	INITIAL SUBMITTAL

TRAFFIC CONTROL PLAN
 16TH AVENUE S
 NASHVILLE, TENNESSEE

DEMONBREUN HILL - LANE/SIDEWALK CLOSURE



7/30/24

PROJECT
24-0733

SHEET
T-1.0