MULTIMODAL ACCESS CLOSURE EXCEPTION APPLICATION FORM AND CHECKLIST

Submittal Date: 4/23/2024 ☒ **New Submittal** ☐ **Re-Submittal No:** _____

Related Building Permit No: 2022036927

Project Name: Modera Sobro

Street Name Location: 825 6th Ave. South

Between: Vine St. **And:** Division

Applicant Name: Jones Bros. Contractors, LLC Justin Ford

Address: 1010 Pleasant Grove Place, Mt Juliet, Tn 37122

Phone: 615-663-0201 **Fax:** _____ **Contact:** Justin Ford

Email: jford@jonesbroscont.com

Project Description: Electrical Duct Bank and NES Manholes in 6th ave between Vine and Division

Start Date: 4.25.24 **End Date:** 5.17.24 **Project Length:** _____

Describe Type of Closure: Full Closure of 6th ave between Vine and Division

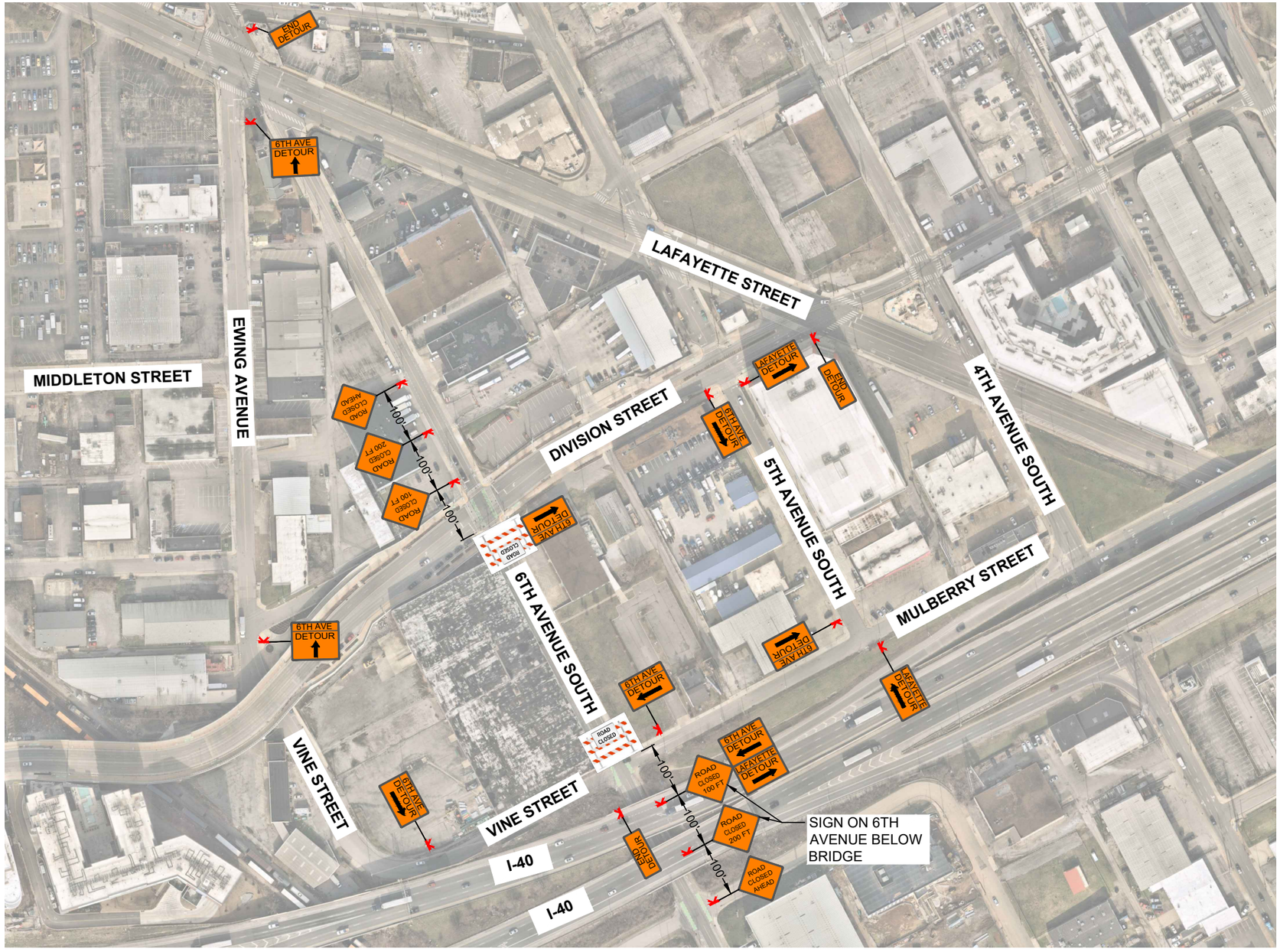
Provide Reasons why Project cannot be completed without closures and what other options were considered (attach documents as needed): The Excavation will be to deep and wide to plate back in a safe enough manner for traffic to pass

PROJECT INFORMATION CHECKLIST:

Included	Not Applicable	
☒	☐	Project Vicinity Map with Project Area shown, street names, property information, existing pavement and striping, gutter and building locations, north arrow, and scale.
☐	☒	Planned work hours included.
☐	☒	Exact location and dimensions of the construction work zone shown.
☐	☒	If multiple phases are necessary, include perimeter impact of each phase, phase number, anticipated work hours and phase duration.
☐	☒	Details on construction activity and equipment being used as part of construction included for each phase.
☐	☒	Specify if any on-street parking, and/or metered parking, is to be restricted and if bus zone will need to be relocated.
☐	☒	Specify if trash pickup will be impacted.
☒	☐	Provide information on all utility work and utility connections.
☐	☒	List all affected residents, businesses, agencies, and schools and any conversations/agreements taken place.
☐	☒	Show ongoing construction projects within vicinity of proposed project impact.
☐	☒	Provide plan to address conflicts with other nearby projects.
☒	☐	Provide traffic control plan for each phase of construction (see traffic control checklist for more information).
☐	☒	Provide information on work vehicle parking locations.
☐	☒	Show construction trucks ingress/egress to project location.
☐	☒	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.



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TCP–1

TRAFFIC CONTROL PLAN (6TH AVENUE SOUTH ROAD CLOSURE)

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)

1 INCH = 200 FT.

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06/29/2023

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NASHVILLE, TN 37203
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DRAWN BY: R.P.J.	SHEET #: 1 OF 5
CHECKED BY: P.J.T.	
PROJECT # 20087.001	

GENERAL NOTES

1. EXISTING BASE MAP AND UTILITIES ARE SHOWN BASED ON HISTORICAL AERIAL IMAGES AND PHOTOGRAPHICAL EVIDENCE.
2. WORKING HOURS TO BE WITHIN THE HOURS OF 9:00 AM TO 3:00 PM (NO EXCEPTIONS).
3. PER COUNTY POLICY FOR PERMITS, PERMITS MAY BE REVOKED AT ANY TIME BY THE COUNTY ENGINEER FOR FAILURE TO COMPLY WITH COUNTY POLICY.
4. THE PERMIT HOLDER SHALL SUBMIT FOR APPROVAL OF A TRAFFIC INTERFERENCE REPORT (TIR) TO THE COUNTY TRAFFIC OPERATIONS CENTER (TOC) BEFORE ANY WORK OR OCCUPANCY OCCURS. THE TIR SHALL BE SUBMITTED NO LESS THAN FIVE (5) BUSINESS DAYS BEFORE THE WORK IS SCHEDULED TO BEGIN.
5. THE STORAGE AND/OR STOCKPILE OF EQUIPMENT AND/OR MATERIALS AT ANY LOCATION WITHIN THE COUNTY RIGHT-OF-WAY OR ON COUNTY PROPERTY OUTSIDE OF WORKING HOURS IS S1RICTLY PROHIBITED.
6. THE COUNTY ENGINEER MAY REQUIRE AN APPLICANT TO RECORD VIDEO OR PHOTOGRAPH ALL AREAS OF PROPOSED OCCUPANCY, WORK. CONSTRUCTION OR EVENT FOR EXTENSIVE OPERATIONS TO PROTECT THE INTERESTS OF THE COUNTY AND ALL ADJOINING PROPERTIES TO THE AREA.
7. IT IS THE SOLE RESPONSIBILITY OF THE PERMIT HOLDER TO IMMEDIATELY NOTIFY THE COUNTY ENGINEER OF ANY DAMAGE TO ANY STRUCTURE WITHIN THE COUNTY RIGHT-OF-WAY. ANY DAMAGE TO A COUNTY-OWNED FACILITY SHALL BE REPLACED IMMEDIATELY AS DIRECTED BY THE COUNTY. ALL COSTS AND EXPENSES ARE THE RESPONSIBILITY OF THE PERMIT HOLDER.
8. IF DURING THE COURSE OF WORK DIFFERING SITE CONDITIONS ARE FOUND THAT NECESSITATE-ALTERING THE PERMITTED WORK. PROCEDURES, EXCAVATION, TRAFFIC CONTROL OR OTHER PERMITTED ACTIVITIES, THE PERMIT SHALL BE DEEMED INVALID AND SHALL BE REVOKED. THE PERMIT HOLDER SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER AND ALL WORK SHALL IMMEDIATELY CEASE AND THE SITE SHALL BE RESTORED TO A SAFE CONDITION AS DIRECTED BY THE COUNTY ENGINEER.
9. ALL NON-PROTECTED OPEN EXCAVATIONS MUST BE BACKFILLED IMMEDIATELY AND TEMPORARILY PLATED OR PAVED THE SAME DAY AS THE OPENING IS MADE.
10. THE PERMIT HOLDER SHALL POSSESS ON SITE COPIES OF THE FOLLOWING AT ALL TIMES: APPROVED PERMIT(S)/1 APPROVED PLAN(S)/1 APPROVED TRAFFIC CONTROL PLAN(S) AND THE APPROVED TIR.
11. OCCUPANCY OF ANY PART OR PORTION OF THE COUN1Y RIGHT-OF-WAY AND/OR IMPACTING OR IN ANY MANNER INTERFERING WITH THE NORMAL FLOW OF TRAFFIC ON A COUNTY ROAD FOR ANY REASON HALL BE FORBIDDEN WHEN CONDITIONS EXIST SUCH AS SNOW, RAIN, OR SEVERE WEATHER.
12. THE PERMIT HOLDER SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT DURING ME PERFORMANCE OF WORK BOTH VEHICULAR & PEDESTRIAN TRAFFIC SHALL BE MAINTAINED NEARLY AS NORMAL AND SAFE AS PRACTICABLE. THE PERMIT HOLDER SHALL PLAN AND CARRY OUT HIS WORK TO PROVIDE FOR THE SAFE AND CONVENIENT PASSAGE OF SUCH TRAFFIC AND TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ME OCCUPANTS OF ADJOINING PROPERTIES. THE PERMIT HOLDER SHALL NOTIFY THE OWNERS OF ADJOINING PROPERTIES IN WRITING, AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE TIME HE PROPOSES TO BEGIN ANY WORK WHICH WILL INTERFERE WITH THEIR NORMAL PASSAGE AND MUST PROVIDE THE COUNTY ENGINEER WITH SUCH NOTICE. CLOSURES OF COUNTY ROADS ARE PROHIBITED.
13. AFTER RECEIPT OF AN APPROVED TIR IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO NOTIFY THE APPROPRIATE POLICE DEPARTMENT, FIRE DEPARTMENT AND EMERGENCY SERVICES, PUBLIC AND SCHOOL BUS TRANSPORTERS, THE COUNTY OFFICE OF EMERGENCY MANAGEMENT AND COUNTY CENTRAL COMMUNICATIONS OF ITS PLANS TO OCCUPY THE COUNTY RIGHT-OF-WAY.
14. TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED AND/OR DISPLAYED DURING WORKING HOURS ONLY. IT IS PROHIBITED TO INSTALL/DISPLAY TEMPORARY TRAFFIC CONTROL DEVISES DURING ANY AND AI-L NON-WORKING HOURS. IF TEMPORARY TRAFFIC CONTROL DEVICES ARE INSTALLED/DISPLAYED AT AN INACTIVE WORK ZONE, THE DEPARTMENT OF PUBLIC WORKS SHALL REMOVE SAID TEMPORARY TRAFFIC CONTROL DEVICES AND STORE THEM AT A COUNTY FACILITY. THE PERMIT HOLDER WILL THEN BE CHARGED FIVE HUNDRED DOLLARS ($500) OF EACH SUCH INSTANCE PLUS LABOR AND EQUIPMENT USE COSTS.
15. CONTRACTOR SHOULD BE AWARE OF POLICY, PROCEDURES AND SPECIFICATIONS MANUAL IN REFERENCE TO ROADWAY OCCUPANCY AND ROADWAY OPENINGS.
16. MILL AND OVERLAY OF THE WIDTH OF THE ENTIRE LANE IS REQUIRED IF THE TRENCH IS LONGITUDINAL ALONG THE TRAVEL LANE. FULL WIDTH MILL AND OVERLAY OF THE ENTIRE ROAD IS REQUIRED ALONG LONGITUDINAL TRENCHES WITH NON-UNIFORM WIDTH AND/OR WITH MULTIPLE CROSSINGS TO PREVENT ERRATIC TRAVEL OF MOTOR VEHICLES.

MINIMUM REQUIREMENTS

1. MINIMUM SIGNING REQUIREMENTS – ROAD WORK AHEAD SIGNS BOTH DIRECTIONS FOR NO WORK OR VEHICLES/EQUIPMENT IN SHOULDER.
2. FOLLOW MUTCD APPLICATIONS (TA-1 THROUGH TA-46).
3. NOT EVERY JOB IS REPRESENTED BY THE MUTCD. COMMON SENSE NEEDS TO BE EXERTED WHEN DESIGNING A TRAFFIC CONTROL PLAN.
4. UNIFORMED POLICE OFFICERS ARE REQUIRED AT ALL TRAFFIC SIGNALS WITHIN A WORK ZONE.
5. ALL TRAFFIC DIRECTORS ARE REQUIRED TO WEAR ANSI TYPE III VESTS AND USE STOP/SLOW PADDLES.
6. CRASH TRUCKS ARE TO BE PROVIDED FOR SPEEDS 45 MPH IN ACCORDANCE WITH MUTCD AND COUNTY REQUIREMENTS.
7. ROAD CLOSURES ARE PROHIBITED.
8. NO WORK IS TO BEGIN BEFORE THE TIR HAS BEEN REVIEWED AND APPROVED.
9. TCP AND TIR IS TO BE ON SITE.

NOTES

1. FIGURES AND TABLES ARE FROM THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EDITION 2009 INCLUDING REVISION 1 AND 2 DATED MAY 2012, AND THE WORK ZONE SAFETY SET-UP GUIDE, EDITION 2011.
2. REFER TO SECTION 10 OF THE ROAD OCCUPANCY POLICY FOR COMPLETE REQUIREMENTS.

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OWNER
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PART 6
TEMPORARY TRAFFIC CONTROL

CHAPTER 6A. GENERAL

Section 6A.01 General

Support:

01 Whenever the acronym "TTC" is used in Part 6, it refers to "temporary traffic control."

Standard:

02 **The needs and control of all road users (motorists, bicyclists, and pedestrians within the highway, or on private roads open to public travel (see definition in Section 1A.13), including persons with disabilities in accordance with the Americans with Disabilities Act of 1990 (ADA), Title II, Paragraph 35.130) through a TTC zone shall be an essential part of highway construction, utility work, maintenance operations, and the management of traffic incidents.**

Support:

03 When the normal function of the roadway, or a private road open to public travel, is suspended, TTC planning provides for continuity of the movement of motor vehicle, bicycle, and pedestrian traffic (including accessible passage); transit operations; and access (and accessibility) to property and utilities.

04 The primary function of TTC is to provide for the reasonably safe and effective movement of road users through or around TTC zones while reasonably protecting road users, workers, responders to traffic incidents, and equipment.

05 Of equal importance to the public traveling through the TTC zone is the safety of workers performing the many varied tasks within the work space. TTC zones present constantly changing conditions that are unexpected by the road user. This creates an even higher degree of vulnerability for the workers and incident management responders on or near the roadway (see Section 6D.03). At the same time, the TTC zone provides for the efficient completion of whatever activity interrupted the normal use of the roadway.

06 Consideration for road user safety, worker and responder safety, and the efficiency of road user flow is an integral element of every TTC zone, from planning through completion. A concurrent objective of the TTC is the efficient construction and maintenance of the highway and the efficient resolution of traffic incidents.

07 No one set of TTC devices can satisfy all conditions for a given project or incident. At the same time, defining details that would be adequate to cover all applications is not practical. Instead, Part 6 displays typical applications that depict common applications of TTC devices. The TTC selected for each situation depends on type of highway, road user conditions, duration of operation, physical constraints, and the nearness of the work space or incident management activity to road users.

08 Improved road user performance might be realized through a well-prepared public relations effort that covers the nature of the work, the time and duration of its execution, the anticipated effects upon road users, and possible alternate routes and modes of travel. Such programs have been found to result in a significant reduction in the number of road users traveling through the TTC zone, which reduces the possible number of conflicts.

09 Operational improvements might be realized by using intelligent transportation systems (ITS) in work zones. The use in work zones of ITS technology, such as portable camera systems, highway advisory radio, variable speed limits, ramp metering, traveler information, merge guidance, and queue detection information, is aimed at increasing safety for both workers and road users and helping to ensure a more efficient traffic flow. The use in work zones of ITS technologies has been found to be effective in providing traffic monitoring and management, data collection, and traveler information.

Standard:

10 **TTC plans and devices shall be the responsibility of the authority of a public body or official having jurisdiction for guiding road users. There shall be adequate statutory authority for the implementation and enforcement of needed road user regulations, parking controls, speed zoning, and the management of traffic incidents. Such statutes shall provide sufficient flexibility in the application of TTC to meet the needs of changing conditions in the TTC zone.**

Support:

11 Temporary facilities, including pedestrian routes around worksites, are also covered by the accessibility requirements of the Americans with Disabilities Act of 1990 (ADA) (Public Law 101-336, 104 Stat. 327, July 26, 1990. 42 U.S.C. 12101-12213 (as amended)).

Figure 6C-1. Component Parts of a Temporary Traffic Control Zone

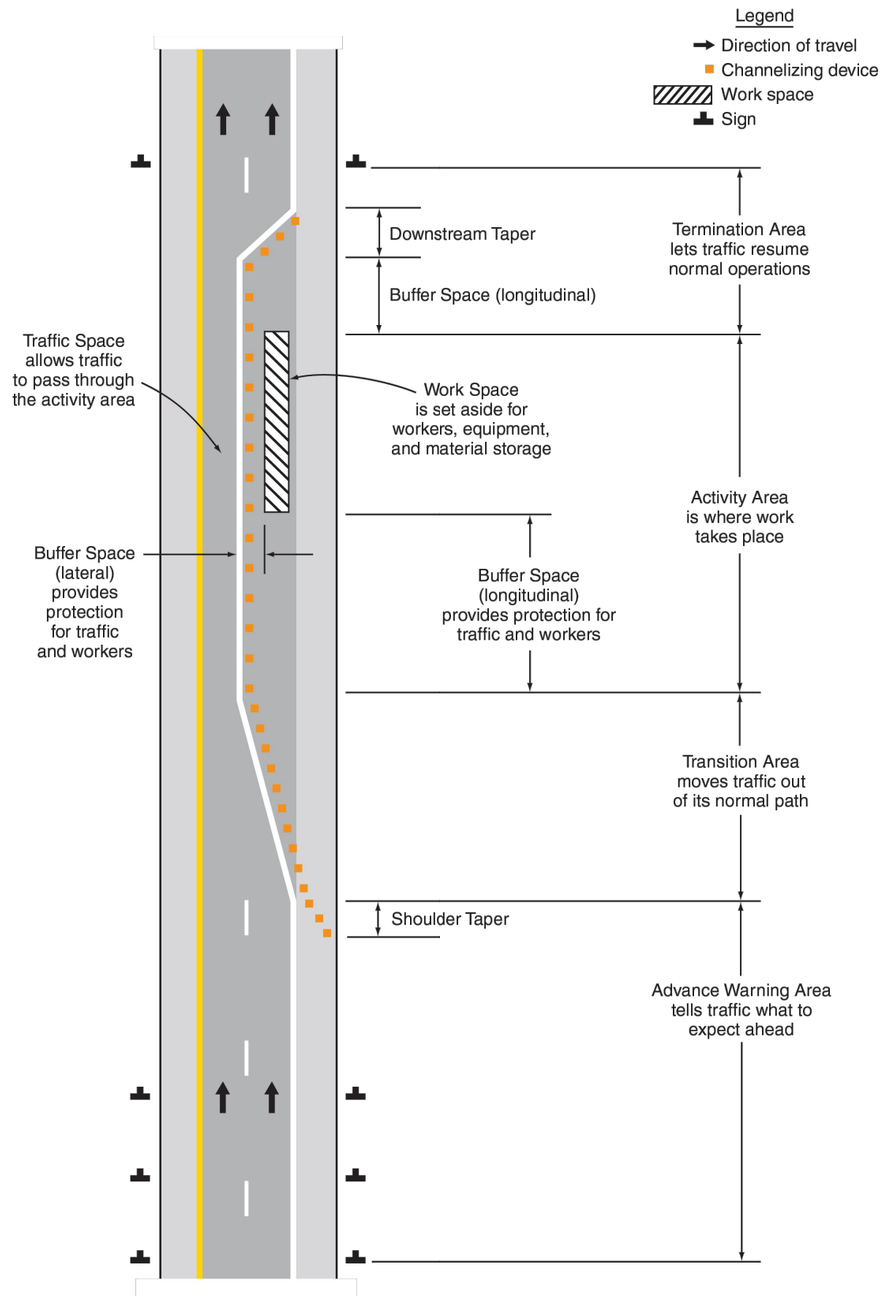

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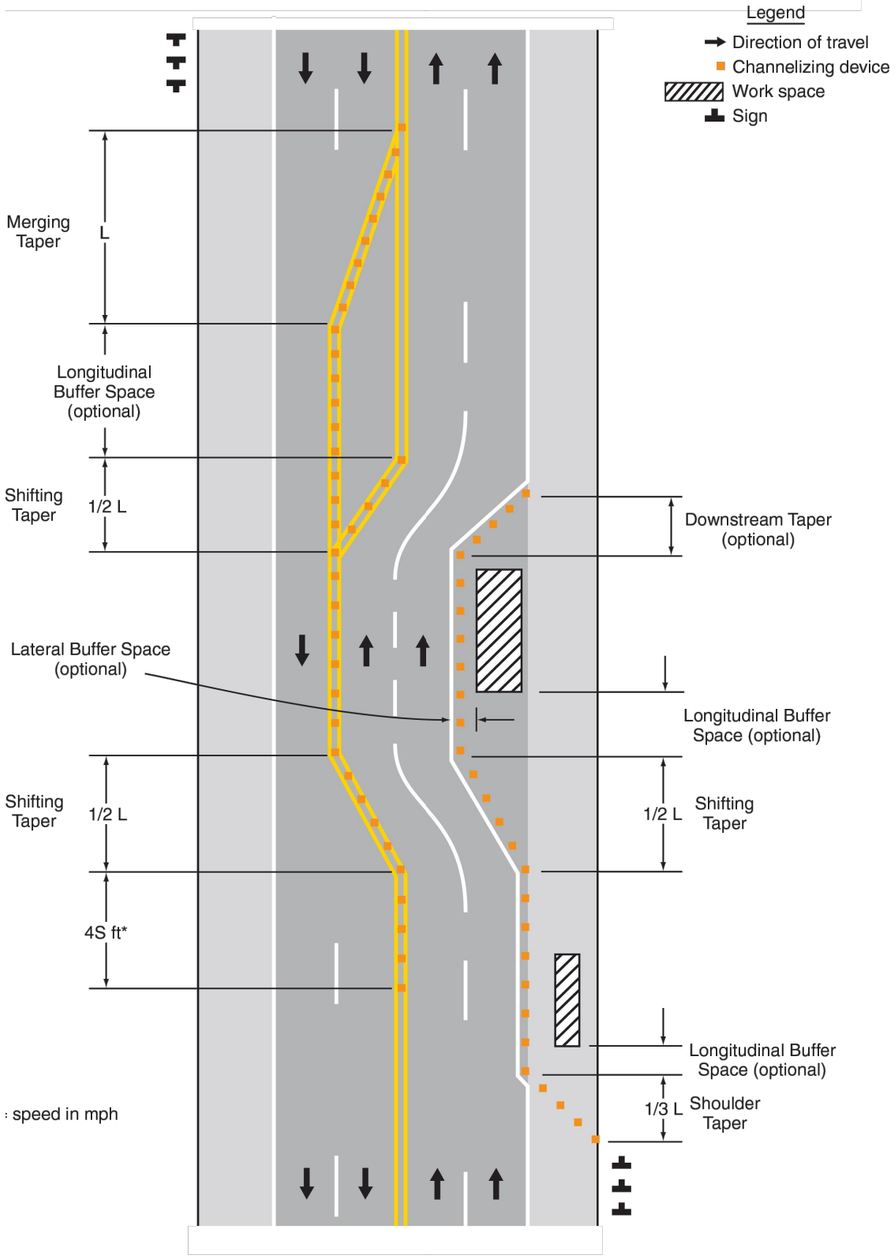
Figure 6C-2. Types of Tapers and Buffer Spaces



December 2009

Figure 6C-3. Example of a One-Lane, Two-Way Traffic Taper

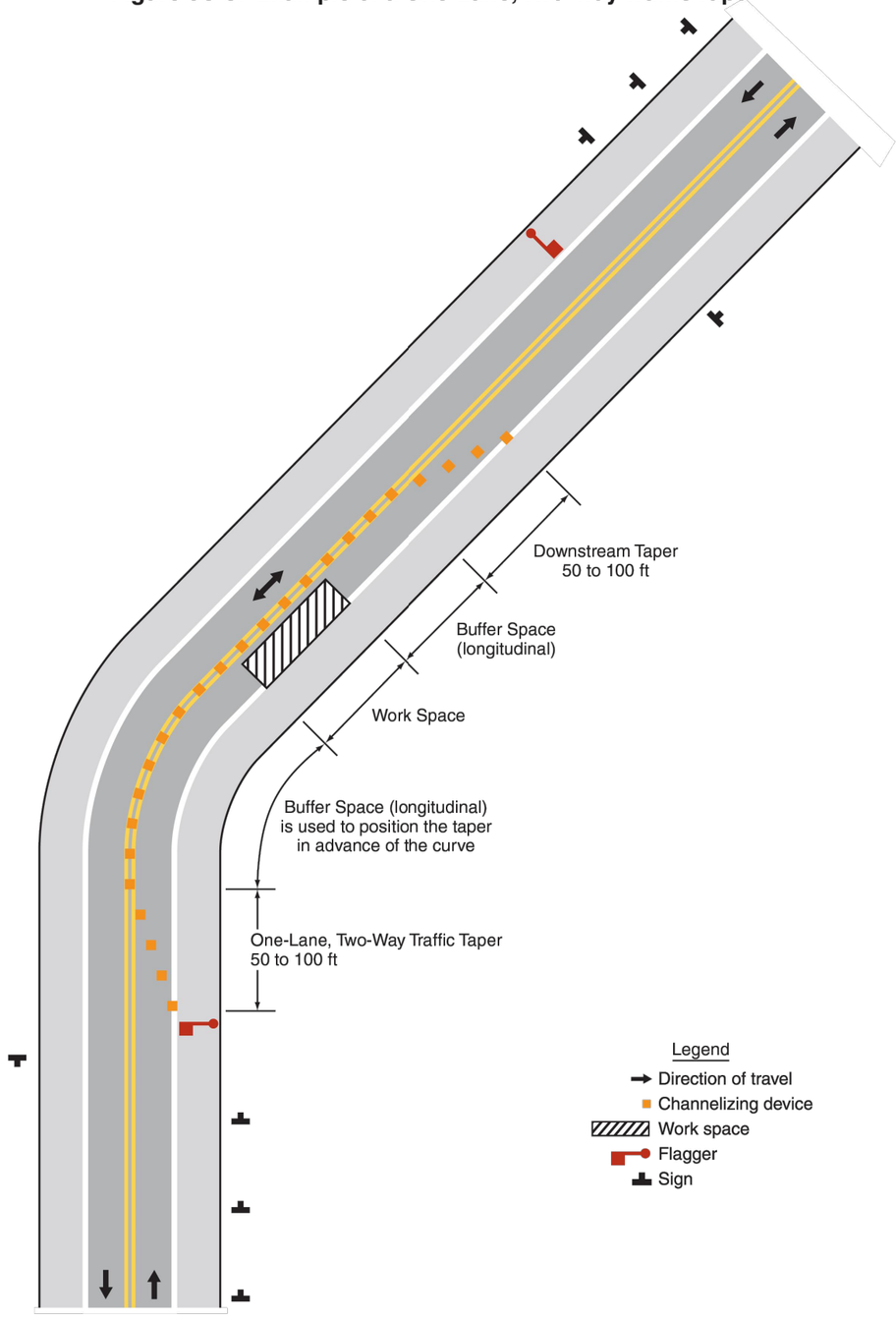


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Table 6C-1. Recommended Advance Warning Sign Minimum Spacing

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by the highway agency
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length
Merging Taper	at least L
Shifting Taper	at least 0.5 L
Shoulder Taper	at least 0.33 L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream Taper	50 feet minimum, 100 feet maximum

Note: Use Table 6C-4 to calculate L

Table 6C-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

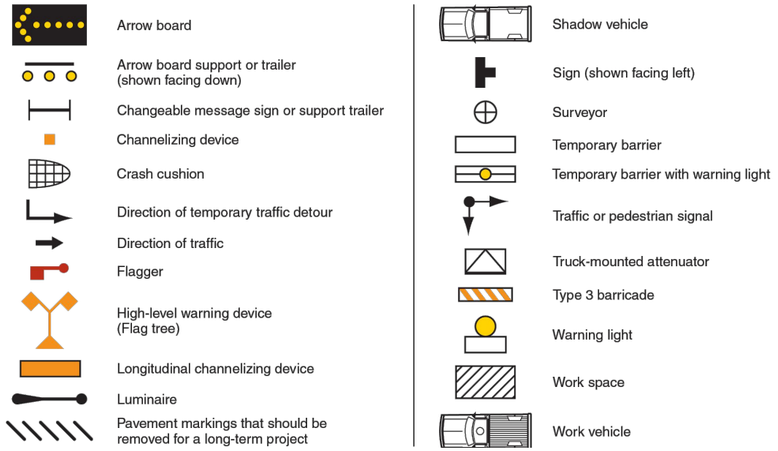

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
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Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

TAPER LENGTHS AND NUMBER OF CONES CHART

Speed	25 MPH				30 MPH				35 MPH				40 MPH			
Width	Taper		Shoulder Taper		Taper		Shoulder Taper		Taper		Shoulder Taper		Taper		Shoulder Taper	
W (Ft.)	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones
1	20	2	20	3	20	2	20	3	20	2	20	3	40	3	20	3
2	40	3	20	3	40	3	20	3	60	4	20	3	60	4	20	3
3	40	3	20	3	40	3	20	3	80	5	20	3	80	5	40	3
4	60	4	20	3	60	4	20	3	100	6	40	3	120	7	40	3
5	60	4	20	3	80	5	40	3	120	7	40	3	140	8	60	4
6	80	5	40	3	100	6	40	3	140	8	40	3	160	9	60	4
7	80	5	40	3	120	7	40	3	160	9	60	4	200	11	80	5
8	100	6	40	3	120	7	40	3	180	10	60	4	220	12	80	5
9	100	6	40	3	140	8	60	4	200	11	80	5	240	13	80	5
10	120	7	40	3	160	9	60	4	220	12	80	5	280	15	100	6
11	120	7	40	3	180	10	60	4	240	13	80	5	300	16	100	6
12	140	8	60	4	180	10	80	5	260	14	100	6	320	17	120	7

TAPER LENGTHS AND NUMBER OF CONES CHART

Speed	45 MPH				50 MPH				55 MPH				65 MPH			
Width	Taper		Shoulder Taper		Taper		Shoulder Taper		Taper		Shoulder Taper		Taper		Shoulder Taper	
W (Ft.)	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones	Length L (Ft.)	# of cones	Length S (Ft.)	# of cones
1	60	4	20	3	60	4	20	3	60	4	20	3	80	5	40	3
2	100	6	40	3	100	6	40	3	120	7	40	3	140	8	60	4
3	140	8	60	4	160	9	60	4	180	10	60	4	200	11	80	5
4	180	10	60	4	200	11	80	5	220	12	80	5	260	14	100	6
5	240	13	80	5	260	14	100	6	280	15	100	6	340	18	120	7
6	280	15	100	6	300	16	100	6	340	18	120	7	400	21	140	8
7	320	17	120	7	360	19	120	7	400	21	140	8	460	24	160	9
8	360	19	120	7	400	21	140	8	440	23	160	9	520	27	180	10
9	420	22	140	8	460	24	160	9	500	26	180	10	600	31	200	11
10	460	24	160	9	500	26	180	10	560	29	200	11	660	34	220	12
11	500	26	180	10	560	29	200	11	620	32	220	12	720	37	240	13
12	540	28	180	10	600	31	200	11	660	34	220	12	780	40	260	14

FPA
FRENCH & PARRELLO ASSOCIATES
Corporate Office:
1800 Rt 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com
New Jersey ▲ New York ▲ Pennsylvania ▲ Georgia

NOTES:

1. THIS DOCUMENT HAS BEEN PREPARED FOR A 11"x 17" FORMAT. DO NOT SCALE THIS DOCUMENT IF PLOTTED ON ANY OTHER FORMAT.
2. IF THIS DOCUMENT DOES NOT CONTAIN THE RAISED SEAL OF THE UNDERSIGNED PROFESSIONAL, IT IS NOT A VALID DOCUMENT AND NO LIABILITY IS ASSUMED FOR THE INFORMATION SHOWN HEREON.

SEAL:

06/29/2023

JOHN B. BOSCO, P.E.
TENNESSEE PROFESSIONAL ENGINEER LIC. NO. 22512

REVISIONS

REV.	DATE	DESCRIPTION
1	06/29/23	ISSUED AS FINAL
2	04/23/24	REVISED PER COMMENTS

SUMMIT Constructors, Inc.
Grading-Utilities / Nashville, TN

APPROVALS

	SIGNATURE	DATE
CLIENT		
OWNER/LANDLORD		
LEASING/SAC		
RF		
ZONING		
CONSTRUCTION		

ROAD CLOSURE
825 6TH AVENUE SOUTH
NASHVILLE, TN 37203
DAVIDSON COUNTY

DATE: 06/29/2023
SCALE: AS NOTED
DRAWN BY: R.P.J.
CHECKED BY: P.J.T.
PROJECT # 20087.001
SHEET #: 5 OF 5

VINE STREET TEMPORARY SIDEWALK AND PARTIAL STREET CLOSURE PLAN

END ROAD WORK

1 G20-2
48" X 24"
MOUNTED TO BARRICADE

ROAD WORK AHEAD

2 W20-1
48" X 48"

DETOUR

DETOUR

3 PEDESTRIAN DETOUR SIGN (LEFT)
M4-9L

3 PEDESTRIAN DETOUR SIGN (RIGHT)
M4-9R

SIDEWALK CLOSED

4 R9-9
24" X 12"
(MOUNTED ON TYPE II BARRICADE WITH TYPE 'A' WARNING LIGHT)

SIDEWALK CLOSED AHEAD

5 R9-9 "SPECIAL"
36" X 18"

6 JERSEY STYLE WATER FILLED BARRIER UNITS TO BE INTERLOCKING
UNIT HEIGHT 42"
HIGH VISIBILITY ORANGE AND WHITE COLORS

OR

CONCRETE JERSEY BARRIERS,
EACH UNIT TO ABUT ADJACENT UNIT

LEGEND

- TRAFFIC CONTROL SIGN
- TRAFFIC BARREL

811 Know what's below. Call before you dig.

EXISTING CONDITIONS NOTE

EXISTING CONDITIONS BASED ON A PRELIMINARY SITE SURVEY PERFORMED BY CHASTAIN SKILLMAN DATED JULY 2021, PROVIDED BY MCRT.

GRAPHIC SCALE IN FEET
0 15 30 60

NORTH

Kimley»Horn
10 Lea Ave Suite 400, Nashville, TN 37210
Main: 615.564.2701 | www.kimley-horn.com

JOHN R. PATTERSON
REGISTERED ENGINEER
STATE OF TENNESSEE
No. 120161
05/09/2023

ISSUANCES		
No.	Drawing Issue Description	Date
	DESIGN DEVELOPMENT	03/04/2022
	FNDN/ SHELL PERMIT	03/18/2022
	GMP	05/13/2022
	GMP ADDENDUM 1	06/03/2022
	PERMIT SET	06/08/2022
	IFC SET	07/22/2022
	ASI 03	01/27/2023
	RFI 34	06/22/2023
6	ASI 06	07/25/2023
7	ASI 07 - GRADING & DRAINAGE MODS	10/31/2023
--	RFI - 110 LAYOUT MODIFICATIONS	11/13/2023
--	WATER DEMOLITION MODIFICATION	02/29/2023

METRO NASHVILLE PERMIT NUMBERS

GRADING PERMIT:	2022019570
FOUNDATION BUILDING PERMIT:	T2022019247
SHELL BUILDING PERMIT:	T2022036927
PUBLIC SEWER PERMIT:	2022026637
PUBLIC WATER PERMIT:	2022026638
PRIVATE UTILITY PERMIT:	T2022026647

MODERA SOBRO PHASE 1

825 6TH AVE SOUTH

MILL CREEK RESIDENTIAL TRUST

TRAFFIC CONTROL PLAN

Project Manager
Brendan Boles, PE

Project No.
KHA Project Number: 019947036

Date
07/26/2023

C2-51

Drawing No.

ISSUED FOR CONSTRUCTION

Q:\Personal F

E1.dwg

CONTRACTOR NOTES:

1. NES TO FURNISH THE FOLLOWING FOR CONTRACTOR INSTALLATION; PAD DETAIL DRAWINGS.
2. ALL NES ABOVE GROUND FACILITIES MUST BE KEPT A MINIMUM OF 10' FROM A FIRE HYDRANT AND NOT PLACED OVER OTHER UGRD UTILITIES.
3. TRANSFORMERS MUST BE KEPT THEIR REQUIRED DISTANCES FROM BUILDINGS OR A FIRE BARRIER WALL MUST BE INSTALLED.
4. IN ADDITION TO THE INSTALLATION DRAWING – REFER TO THE CUSTOMER GUIDELINES HANDBOOK.
5. ALL WEATHER ROAD MUST BE MAINTAINED SUFFICIENTLY TO ALLOW NES EQUIPMENT EGRESS AT ALL TIMES.
6. PRE–CONSTRUCTION MEETING IS REQUIRED BEFORE PAD DETAIL, CONSTRUCTION DRAWINGS AND EXCAVATION IS STARTED.
7. ALL PRIMARY CABLES WILL BE 3CP – #1AL, EPR, 25kV UNLESS NOTED DIFFERENTLY ON DRAWING.
8. THE CONTRACTOR SHALL PROVIDE AND INSTALL GROUND WIRE FOR ALL PRIMARY CONDUIT TRENCHES. THE WIRE SHALL BE 19 STRAND BARE HARD DRAWN COPPER. THE WIRE SHALL BE #2 FOR 2.5", 3" AND 4" CONDUITS, AND 4/0 FOR CONDUITS 5" AND LARGER. COMPRESSED AND COMPACTED WIRE WILL NOT BE ACCEPTED.
9. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING BONDING TO THE GROUNDING SYSTEM BY TELECOMMUNICATION, AND CABLE COMPANIES.
10. RED–DYE CONCRETE BACKFILL IS REQUIRED.

Two NES Manholes, Vista Switch and associated Ductbank

PHASE 1

PHASE 1 UNDERGROUND PORTION

PHASE 2

PHASE 2 UNDERGROUND PORTION

ODP 8 — 096-22-536

ODP 9 — 25 kVA — 096-22-

ODP 5 — 096-22-188

ODP 6 — 096-22-???

ODP 7 — 096-22-216

ODP 1 — 096-22-254

UDP 3 — 1500kVA 13.8kV 125/216V — 09622-836 — FUSE 50 AMPS USE PAD DETAIL UGS-00006D

UDP 4 — 1500kVA 13.8kV 277/480V — 09622-837 — FUSE 50 AMPS USE PAD DETAIL UGS-00006D

UDP 2 — PADMOUNT VISTA 624 — 09622-957 — USE PAD DETAIL USK-40120D

UDP 12 — VISTA 633 — 096-22-958-2

VISTA 633 09622-958

096-22-078

900AMP 633 VISTA

CUSTOMER INSTALLED CONDUCTOR

CUSTOMER INSTALLED/OWNED

2-4" 20'

2-4" 10'

2-5" 110'

2-5" 20'

8-5" 100'

12-5" 170'

2-5" 160'

4-5" 30'

09622332 09622484 09622249 09622028 09622072 S55 09622240 09622243 09622409 09622239 09622217 09622417 09622416 W50 09622210 W45 09622209 W50 09622208 S55 09622334 S70 09622075 09632268 S60

From Riser 096-22-536 | From Vista 096-22-958-2 | Future | TO TRANSFORMER 096-22-838 | Future | Future

1 FROM RISER 096-22-254
2 FUTURE
3 TO POLE 096-22-188
4 TO PAD 09622-836
5 To PAD 09622-837
6 FUTURE

UDP ?? PADMOUNT VISTA 624 09622-957

EXHIBIT "B"
DEVELOPMENT PRELIMINARY LAYOUT
9/5/2023 | 9:06 AM CDT
DEVELOPER APPROVAL — DATE
NES APPROVAL — DATE

PRELIMINARY
NOT FOR CONSTRUCTION

AS–BUILT SURVEY REQUIRED

CONTRACTOR SHALL PROVIDE AS–BUILT SURVEYS IN AUTOCAD FORMAT AND IN STATE PLANE COORDINATE SYSTEM FOR THE NES CONDUIT SYSTEM. NORTH AMERICAN DATUM 1983 (NAD83) 2. AS–BUILT SURVEY TO INCLUDE LOCATION AND ELEVATION OF THE FOLLOWING: TOP OF DUCT RUN EVERY 25', ALL STUBOUTS (INCLUDING THE ENDPOINT OF ALL STUBOUTS), ALL NES EQUIPMENT BASES (CORNERS).

TRANSFORMERS WILL NOT BE SET OR CABLE PULLED UNTIL SURVEY IS PROVIDED AND APPROVED.

ATTENTION — APPLY GROUNDING IN ACCORDANCE WITH THE GROUNDING SECTION OF THE NES PLATE BOOK.

ISSUES:
PREPARED BY:
SUBMITTED BY:
PRINCIPAL APPROVAL:
PLANNING APPROVALS
APPROVED FOR CONSTRUCTION

EXHIBIT "B"

REFERENCE DRAWINGS

DRAWING NO.	TITLE	WORK REQ. NO.	REV. NO.

TRANSFORMER(S)

Type	Size	Stock #	Qty	Tap	# Xfer'd

NES
NASHVILLE ELECTRIC SERVICE
1214 CHURCH ST
NASHVILLE, TN 37246

ESTIMATE #	ESTIMATE DESCRIPTION
31JC23052601	ORIGINAL INSTALLATION

MODERA SOBRO PHASE 1
825 6TH AVE S
EXHIBIT "B"

Sheet 1 of 1
SCALE: NTS
DRAWING NUMBER 45684
ISSUE

☒ NJUNS
☒ ESE
☒ C&M
☐ Ditch
☒ Planning
☐ Meter
☒ SysCon
☐ Veg Mgmt
☐ Trans
☐ St. Light
☐ Pvt. Light

OFFICIAL RECORD COPY
THE UNDERSIGNED ATTESTS THAT THIS COPY REFLECTS THE WORK AS DONE IN THE FIELD
SEND TO JOB ORDERS
EMPLOYEE IN CHARGE — DATE — EMP # — TO ROOM 269 AFTER SIGNING

GENERAL INFORMATION

Sub Name PEABODY — Circuit #
Dist. Voltage 13.8kV — Zip Code 37203
NES Engr JIM CRAFTON
Phone # 615-747-3669
Work Request # 991371651
Work Order #
Tel Engr — Contact #
Tel Job #
SUSPENDED Ticket ☒ — NJUNS#