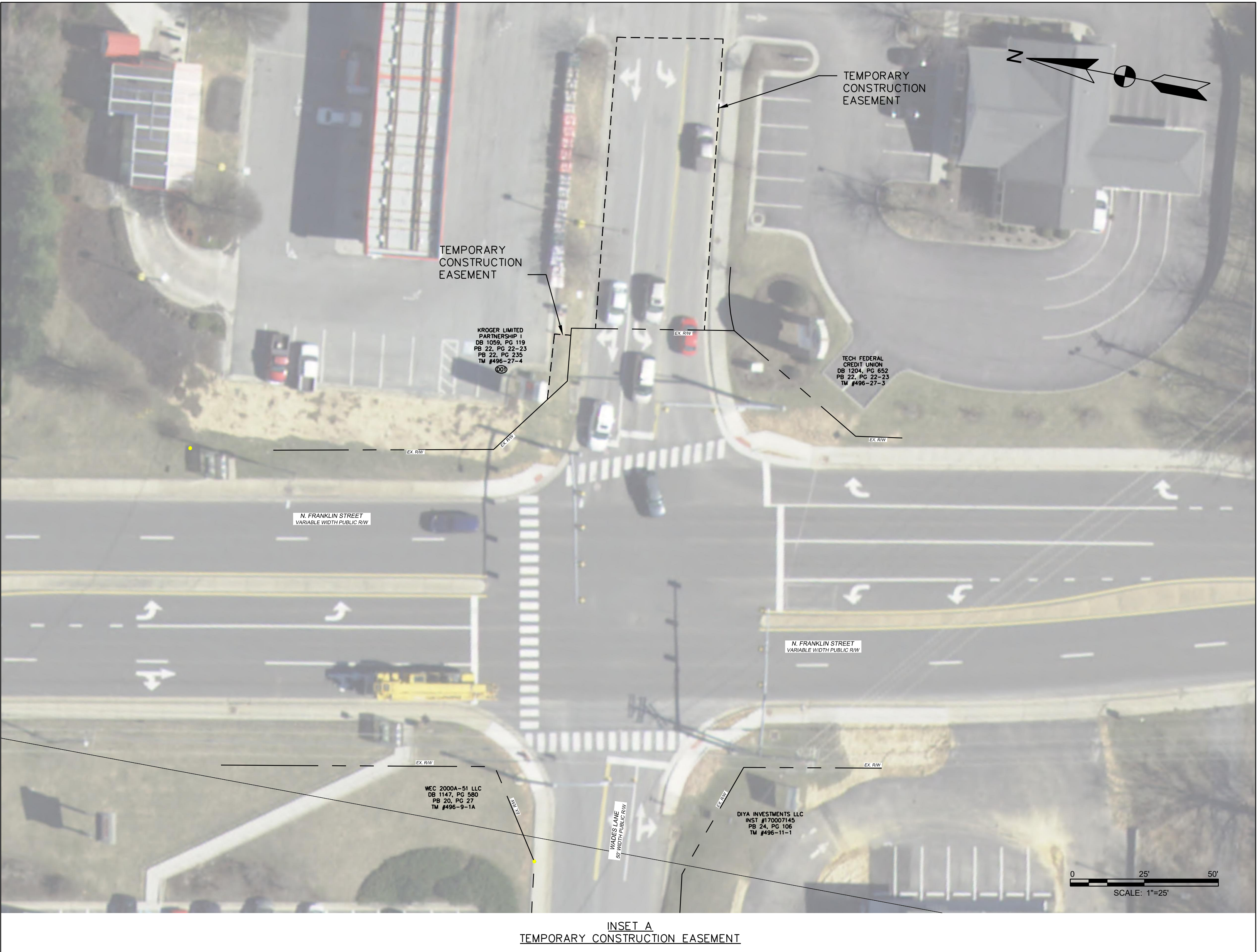


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RIGHT OF WAY DATA TABLE

PARCEL INFORMATION				AREAS														PROFFERS
				TOTAL PARCEL SIZE	FEE TAKING	PRESCRIPTIVE R/W	FEE REMAINDER	EASEMENTS										
								DRAINAGE	GREENWAY	RETAINING WALL	WATER	SEWER	GAS	TELEPHONE	POWER	TEMPORARY INGRESS/EGRESS	TEMPORARY	
PARCEL NO.	LANDOWNER	TAX MAP NO.	SHEET NO.	ACRES	SF	ACRES	ACRES	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	YES / NO
001	Kroger Limited Partnership I	496-27-4	C1.1, C4.0, C9.2, C9.3	11.074			11.074										3,684	
TOTAL =																	3,684	



AMT

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CONSULTANTS

NOT FOR
CONSTRUCTION



N. FRANKLIN STREET
AND WADES LANE
PEDESTRIAN
IMPROVEMENTS
STATE PROJECT NO.
EN20-154-251
UPC 117997
TOWN OF CHRISTIANSBURG
100 E. MAIN STREET
CHRISTIANSBURG, VA 24073
PHONE: 540-382-6128
FAX: 540-382-7338

MARK	DATE	DESCRIPTION
------	------	-------------

60% PLANS (07-10-23)

PROJECT NO: 21-0598.001

SCALE: AS SHOWN

DESIGNED BY: CER

DRAWN BY: WEM

CHECKED BY: DEC

SHEET TITLE

RIGHT OF WAY
ACQUISITION SHEET

C1.1

X:\LEBANON\21-0598.001 - TOC PED, IMP, N. FRANKLIN ST. AND WADES LANE\DWG-002-10598001.DWG, 7/11/2023 3:10 PM, WMCARTT

GENERAL NOTES:

1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION 2020 ROAD AND BRIDGE SPECIFICATIONS.

2. THE EXISTING CONDITIONS AND DEMOLITION PLAN IS A GENERAL DEPICTION OF THE EXISTING FEATURES TO BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE AND ACCOUNT FOR EXISTING FEATURES TO BE REMOVED TO CONSTRUCT THE PLANNED IMPROVEMENTS AS SHOWN ON THESE PLANS.

3. CARE SHALL BE TAKEN TO PROTECT FROM DAMAGES, ALL EXISTING SURFACES, STRUCTURES, AND IMPROVEMENTS ADJACENT TO THE WORK. ANY DAMAGE TO SUCH ITEMS, AS A RESULT OF THE WORK, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE TOWN.

4. THE WORK SHALL BE PERFORMED IN A MANNER THAT WILL ENSURE THE LEAST PRACTICABLE OBSTRUCTION TO TRAFFIC AND IS CONSISTENT WITH ESTABLISHED SAFETY PROCEDURES. THERE SHALL BE MAINTENANCE OF TRAFFIC THROUGHOUT THE CONSTRUCTION DURATION.

5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE DRIVEWAYS DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK SCHEDULE WITH PROPERTY OWNERS FOR WORK IN CLOSE PROXIMITY TO PARKING FACILITIES.

6. THE TOWN SHALL BE NOTIFIED IMMEDIATELY UPON ENCOUNTERING ANY HAZARDOUS OR REGULATED MATERIALS DURING THE COURSE OF WORK.

7. THE CONTRACTOR SHALL IMMEDIATELY REMOVE, TRANSPORT OFF-SITE, AND LEGALLY DISPOSE OF ANY AND ALL EXCAVATED/DELETERIOUS MATERIALS.

8. A GENERAL VPDES PERMIT FOR DISCHARGES OF STORMWATER FROM CONSTRUCTION ACTIVITIES SHALL BE OBTAINED BY THE TOWN PRIOR TO LAND DISTURBING ACTIVITIES, IF REQUIRED.

9. THE LOCATION OF SUBSURFACE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND FOR INFORMATION AND GUIDANCE ONLY. PORTIONS OF THESE UTILITIES ARE BASED UPON MISS UTILITY MARKINGS OR RECORD DRAWINGS AND THEREFORE THERE IS NO GUARANTEE TO THE ACCURACY OF LOCATIONS, AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO ANY CONSTRUCTION.

10. THE CONTRACTOR SHALL PROTECT ANY AND ALL EXISTING UTILITIES FROM DAMAGE. THE CONTRACTOR SHALL REPAIR AND RE-ESTABLISH ANY AND ALL UTILITIES DISRUPTED DURING CONSTRUCTION.

11. AN ADVANCE NOTIFICATION OF UTILITY SERVICE INTERRUPTION SHALL BE PROVIDED 14 DAYS IN ADVANCE TO THE TOWN, THE AFFECTED UTILITY OWNER, AND THOSE AFFECTED BY THE INTERRUPTION IN SERVICE.

12. STORM PIPES AND DROP INLETS WITHIN THE PROJECT LIMITS SHALL BE CLEARED OF DEBRIS AND ERODED MATERIALS, AS NECESSARY PRIOR TO FINAL ACCEPTANCE.

13. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN, THROUGHOUT THE PROJECT, ALL EROSION AND SEDIMENT CONTROL MEASURES, AS SHOWN ON THE CONTRACT DRAWINGS. ALL CONTROL METHODS AND DETAILS SHOWN COMPLY WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION AND VDOT ROAD AND BRIDGE STANDARDS, LATEST EDITION.

14. TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD, THE VIRGINIA WORK AREA PROTECTION MANUAL, AND THE VIRGINIA SUPPLEMENT TO MUTCD.

15. ALL EXCAVATION FOR UNDERGROUND PIPE INSTALLATION SHALL COMPLY WITH OSHA STANDARDS FOR THE CONSTRUCTION INDUSTRY (29 CFR PART 1926).

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE SAFETY.

17. CONTRACTOR SHALL COMPLY WITH S59.1-406, ET SEW. OF THE CODE OF VIRGINIA (OVERHEAD HIGH VOLTAGE LINES SAFETY ACT).

18. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY PROVIDERS ON PROVIDING THE REQUIRED MEASURES FOR PROTECTION OF THE EXISTING UTILITY SERVICES DURING CONSTRUCTION, IF NECESSARY.

CONSTRUCTION NOTES:

DRAINAGE

- D-1

THE HORIZONTAL LOCATION OF ALL EXISTING DRAINAGE STRUCTURES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY.
- D-2

WHEN STANDARD CG-6 OR CG-7 IS SPECIFIED ON A RADIUS (SUCH AS AT A STREET INTERSECTION), THE ENGINEER MAY APPROVE A DECREASE IN THE CROSS SLOPE OF THE GUTTER TO FACILITATE PROPER DRAINAGE.

PAVEMENT

- P-1

THE PAVEMENT MATERIALS ON THIS PROJECT WILL BE PAID FOR ON A TONNAGE BASIS. THE WEIGHT WILL VARY IN ACCORDANCE WITH THE SPECIFIC GRAVITY OF THE AGGREGATES AND THE ASPHALTIC CONTENT OF THE MIX ACTUALLY USED TO SECURE THE DESIGN DEPTH. THE WEIGHT OF THE ASPHALT CONCRETE IS BASED ON 95% OF THEORETICAL MAXIMUM DENSITY (SEE IIM-LD-158).
- P-2

FINAL PAVEMENT SUBGRADES SHALL BE PROOFROLLED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER IMMEDIATELY PRIOR TO PLACING SUBBASE OR BASE COURSE AGGREGATE TO EVALUATE THEIR STABILITY TO SUPPORT THE PAVEMENT. AREAS THAT EXHIBIT EXCESSIVE PUMPING, WEAVING, OR RUTTING SHALL BE SCARIFIED, DRIED AND RECOMPACTED, OR UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- P-3

DENSE-GRADED AGGREGATE PLACED AS PAVEMENT BASE COURSE SHALL BE COMPACTED TO AT LEAST 100 PERCENT OF MAXIMUM DRY DENSITY. ACCORDING TO VTM-1, STANDARD PROCTOR. DENSE-GRADE AGGREGATE SHALL BE PLACED IN MAXIMUM 8-INCH THICK LOOSE LIFTS.
- P-4

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE CONTROL OF SURFACE DRAINAGE DURING CONSTRUCTION.
- P-5

UTILITY EXCAVATIONS WITHIN PAVEMENT AREAS SHALL BE BACKFILLED WITH COMPACTED STRUCTURAL FILL.

GRADING

- G-1

STRATUM "A" SOILS ARE DEFINED AS EXISTING FILL SOILS WITH A DEPTH RANGE OF 4 TO 5-FEET AND GENERALLY CONSISTING OF FAT CLAY (CH), LEAN CLAY (CL), AND SILT (ML) WITH VARYING AMOUNTS OF SAND AND GRAVEL.
- G-2

STRATUM "B" SOILS ARE DEFINED AS RESIDUAL SOILS WITH A DEPTH RANGE OF 10.5 TO 15-FEET AND GENERALLY CONSISTING OF ELASTIC SILT (MH), FAT CLAY (CH), AND LEAN CLAY (CL) WITH VARYING AMOUNTS OF SAND AND GRAVEL.

- G-3

SUBGRADES OF RETAINING WALLS AND PAVEMENT TO RECEIVE COMPACTED STRUCTURAL FILL SUPPORT SHALL BE STRIPPED OF VEGETATION, TOPSOIL, AND ORGANIC MATTER.
- G-4

COMPACTED STRUCTURAL FILL SUBGRADES SHALL CONSIST OF SUITABLE SOILS OF STRATA "A" AND "B".
- G-5

THE GEOTECHNICAL ENGINEER SHALL EVALUATE THE SUITABILITY OF THE FILL SUBGRADE.
- G-6

THE ON-SITE SOILS ARE MOISTURE SENSITIVE, THEREFORE THE CONTRACTOR SHALL AVOID SITE PREPARATION AND GRADING ACTIVITIES DURING WET WEATHER.
- G-7

THE CONTRACTOR SHALL PROVIDE SITE DRAINAGE TO MAINTAIN SUBGRADES FREE OF WATER AND TO AVOID SATURATION AND DISTURBANCE OF THE SUBGRADE SOILS BEFORE PLACING COMPACTED STRUCTURAL FILL, PAVEMENT BASE COURSE OR MOISTURE BARRIER MATERIAL.
- G-8

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REWORKING OF SUBGRADES AND COMPACTED STRUCTURAL FILL THAT WERE INITIALLY CONSIDERED SUITABLE BUT WERE LATER DISTURBED BY EQUIPMENT AND/OR WEATHER AT NO ADDITIONAL COST TO THE TOWN.
- G-9

THE GRADE LINE DENOTES TOP OF FINISHED PAVEMENT UNLESS SHOWN OTHERWISE ON TYPICAL SECTIONS OR PLANS.
- G-10

EARTHWORK QUANTITIES ON THIS PROJECT ARE BASED ON ANTICIPATED SETTLEMENT AND MAY REQUIRE ADJUSTING DURING CONSTRUCTION. THE QUANTITIES ARE NOT GUARANTEED AND THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE AMOUNT OF MATERIAL TO BE REMOVED AND PLACED FOR THE PROJECT.
- G-11

COMPACTED STRUCTURAL FILL AND BACKFILL IN PAVEMENT AND RETAINING WALL AREAS SHOULD CONSIST OF NON-ORGANIC ON-SITE SOILS. IF OFF-SITE BORROW MATERIALS ARE NEEDED, THESE SOILS SHALL BE CLASSIFIED AS CL, ML, SC, SM, SP, SW, GC, GM, GP, OR GW ACCORDING TO ASTM D2487. FILL MATERIAL SHALL NOT CONTAIN PARTICLES LARGER THAN 3-INCHES.
- G-12

COMPACTED STRUCTURAL FILL SHALL BE PLACED IN MAXIMUM 8-INCH THICK HORIZONTAL, LOOSE LIFTS. FILL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY PER VTM-1, STANDARD PROCTOR, EXCEPT THAT THE TOP 12-INCHES OF PAVEMENT AREAS SHALL BE COMPACTED TO AT LEAST 100 PERCENT OF THE SAME STANDARD. SOIL MOISTURE CONTENTS AT THE TIME OF COMPACTION SHALL BE WITHIN 3 PERCENT OF THE SOILS' OPTIMUM MOISTURE CONTENT.
- G-13

BACKFILL PLACED IN EXCAVATIONS, TRENCHES, AND OTHER AREAS THAT LARGE COMPACTION EQUIPMENT CANNOT ACCESS SHALL BE PLACED IN MAXIMUM 6-INCH THICK LIFTS. BACKFILL SHALL MEET THE MATERIAL, PLACEMENT, AND COMPACTION REQUIREMENTS OUTLINED ABOVE.
- G-14

COMPACTED STRUCTURAL FILL SUBGRADES SHALL NOT BE STEEPER THAN ABOUT 4H:1V. IF STEEPER SLOPES ARE PRESENT, SUBGRADES SHOULD BE BENCHED TO PERMIT PLACEMENT OF HORIZONTAL LIFTS OR FILL.

WATERLINE

- W-1

ALL WATERLINE SHALL BE CONSTRUCTED, INSPECTED, AND TESTED IN ACCORDANCE WITH AWWA STANDARD C-600, LATEST EDITION, AND THE REGULATIONS, STANDARDS, AND SPECIFICATIONS SET FORTH BY THE COMMONWEALTH OF VIRGINIA AND THE TOWN OF CHRISTIANSBURG.
- W-2

INSTALLATION OF WATER METERS. THE TOWN WILL INSTALL THE WATER TAP, THE LINE TO THE WATER METER, THE WATER METER BOX, THE WATER METER, AND WATERLINE STUB OUT OF THE WATER METER BOX. THE CONTRACTOR WILL BE RESPONSIBLE FOR OPENING THE TRENCH, BACKFILLING/COMPACTING THE TRENCH, AND ASSOCIATED FINISH GRADING.
- W-3

SERVICE LINES SHALL BE SEAMLESS, TYPE 'K' COPPER, FROM THE WATER MAIN TO THE WATER METER.
- W-4

ALL INFRASTRUCTURES SHALL BE CONSTRUCTED BY A CONTRACTOR THAT IS APPROPRIATELY LICENSED TO WORK IN THE TOWN OF CHRISTIANSBURG AND THE COMMONWEALTH OF VIRGINIA.
- W-5

A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN SANITARY SEWER LINES AND WATERLINES, UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN ENGINEER.
- W-6

A MINIMUM VERTICAL SEPARATION OF 18 INCHES SHALL BE MAINTAINED BETWEEN WATER AND SANITARY SEWER LINES, WITH SANITARY SEWER LINES AT A LOWER ELEVATION THAN WATERLINES, UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN ENGINEER.
- W-7

A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN UNDERGROUND ELECTRICAL LINES AND WATERLINES, UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN ENGINEER AND THE ELECTRICAL UTILITY COMPANY.
- W-8

THE MINIMUM DEPTH OF COVER ON ALL UTILITIES SHALL BE 3 FEET.
- W-9

THE TOWN ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- W-10

ALL BELOW GRADE INFRASTRUCTURES TO BE MAINTAINED BY THE TOWN SHALL BE INSPECTED BY THE TOWN INSPECTOR PRIOR TO COVERING, EXCEPT WHERE SPECIFICALLY ALLOWED BY THE TOWN INSPECTOR.
- W-11

THE TOWN INSPECTOR SHALL WITNESS ALL TESTING AND SHALL BE PROVIDED WITH ALL TEST RESULTS.
- W-12

THE CONTRACTOR SHALL SUBMIT SUBMITTALS FOR THE WATERLINE MATERIALS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PURCHASE.
- SANITARY SEWER
- SS-1

ALL SANITARY SEWER LINES SHALL BE CONSTRUCTED, INSPECTED, AND TESTED IN ACCORDANCE WITH THE COMMONWEALTH OF VIRGINIA'S SEWAGE COLLECTION AND TREATMENT REGULATIONS, LATEST EDITION, THE REGULATIONS, STANDARDS, AND SPECIFICATIONS SET FORTH BY THE COMMONWEALTH OF VIRGINIA AND THE TOWN OF CHRISTIANSBURG.
- SS-2

CONNECTIONS TO EXISTING TOWN SANITARY SEWERS SHALL BE PERFORMED BY THE CONTRACTOR UNDER THE DIRECT SUPERVISION OF TOWN PERSONNEL. THE CONTRACTOR SHALL CONSTRUCT ALL SANITARY SEWER SERVICE LINES BETWEEN THE SANITARY SEWER MAIN AND THE CLEANOUT LOCATED AT THE PROPERTY OF EASEMENT LINE.
- SS-3

ALL INFRASTRUCTURES SHALL BE CONSTRUCTED BY A CONTRACTOR THAT IS APPROPRIATELY LICENSED TO WORK IN THE TOWN OF CHRISTIANSBURG AND THE COMMONWEALTH OF VIRGINIA.
- SS-4

A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN SANITARY SEWER LINES AND WATERLINES, UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN ENGINEER.

- SS-5

A MINIMUM VERTICAL SEPARATION OF 18 INCHES SHALL BE MAINTAINED BETWEEN WATER AND SANITARY SEWER LINES, WITH SANITARY SEWER LINES AT A LOWER ELEVATION THAN WATERLINES, UNLESS OTHERWISE APPROVED IN WRITING BY THE TOWN ENGINEER.
- SS-6

THE MINIMUM DEPTH OF COVER ON ALL UTILITIES SHALL BE 3 FEET.
- SS-7

THE TOWN ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- SS-8

ALL BELOW GRADE INFRASTRUCTURES TO BE MAINTAINED BY THE TOWN SHALL BE INSPECTED BY THE TOWN INSPECTOR PRIOR TO COVERING, EXCEPT WHERE SPECIFICALLY ALLOWED BY THE TOWN INSPECTOR.
- SS-9

THE TOWN INSPECTOR SHALL WITNESS ALL TESTING AND SHALL BE PROVIDED WITH ALL TEST RESULTS.
- SS-10

ALL SANITARY SEWER GRAVITY SERVICE LINES TO BE ACCEPTED, OWNED, OPERATED, AND/OR MAINTAINED BY THE TOWN SHALL BE A MINIMUM 6 INCH DIAMETER SDR 35 PVC, FROM THE MAIN LINE TO THE PROPERTY LINE. TERMINATED BY A CLEANOUT AT THE CONNECTION TO PRIVATELY MAINTAINED SEWER PIPE. ALTERNATE MATERIALS MAY BE REQUIRED AT THE DISCRETION OF THE TOWN ENGINEER.
- SS-11

A TRAFFIC BEARING CLEANOUT COVER SHALL BE INSTALLED OVER ALL CLEANOUTS THAT WILL BE ACCEPTED, OWNED, OPERATED, AND/OR MAINTAINED BY THE TOWN.
- SS-12

ABANDONED SEWER LINES SHALL BE PLUGGED AFTER NEW LINES HAVE BEEN INSTALLED, INSPECTED, TESTED, ACCEPTED, AND ARE IN USE.
- SS-13

THE CONTRACTOR SHALL PLUG THE CONNECTION TO EXISTING SEWER LINES WITH AN ANGLE WING NUT TEST PLUG PRIOR TO EXTENDING THE SANITARY SEWER. THE PLUG SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE PROPOSED SANITARY SEWER HAS BEEN INSTALLED, INSPECTED, TESTED, AND ACCEPTED BY THE TOWN. FAILURE TO INSTALL AND MAINTAIN PLUG SHALL CAUSE THE CONTRACTOR TO BE HELD LIABLE FOR ANY RESULTING BLOCKAGES OR REPAIRS TO EXISTING SEWER LINES.
- SS-14

THE CONTRACTOR SHALL SUBMIT SUBMITTALS FOR THE SANITARY SEWER MATERIALS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PURCHASE.

INCIDENTAL

- I-1

WHERE STANDARD SLOPE ROUNDOFFS WOULD DAMAGE TREES, BUSHES OR OTHER DESIRABLE VEGETATION, THEY SHALL BE OMITTED WHEN SO ORDERED BY THE ENGINEER.
- I-2

ALL PAVEMENT MARKINGS AND TRAFFIC FLOW ARROWS SHOWN ON THE PLANS ARE SCHEMATIC ONLY. THE ACTUAL LOCATION AND APPLICATION OF PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH SECTION 704 OF THE APPLICABLE VDOT ROAD AND BRIDGE SPECIFICATIONS, MUTCD, SEQUENCE OF CONSTRUCTION/TRAFFIC CONTROL PLANS, PAVEMENT MARKING PLAN SHEETS C8.0 THRU C8.1, AND AS DIRECTED BY THE ENGINEER.

WORK TIME RESTRICTIONS

TRAFFIC SIGNAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REVISION 2, THE 2011 VIRGINIA SUPPLEMENT REVISION 1 TO THE MUTCD, THE CURRENT EDITION OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS AND SPECIAL PROVISIONS IN EFFECT AT THE TIME THE SIGNAL PLAN IS APPROVED.

2. PRIOR TO COMMENCING SIGNAL WORK, THE CONTRACTOR SHALL NOTIFY VDOT AND THE TOWN PERMITS SECTION IN WRITING, WITH THE NAME, DAYTIME PHONE NUMBERS AND EMERGENCY PHONE NUMBERS FOR THE CONTRACTOR GIVING THE LOCATION OF THE WORK SITE INCLUDING STREET NAMES, ROUTE NUMBERS, PERMIT NUMBER, TYPE AND DETAILS OF CONSTRUCTION AND WORK SCHEDULE. ALL NOTIFICATIONS FOR LANE CLOSURES SHALL BE PURSUANT TO SPECIAL PROVISION PROVIDED BY VDOT.

3. UTILITIES SHOWN ON THE PLANS ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL UTILITIES WITHIN THE PROJECT LIMITS ARE IDENTIFIED AND LOCATED BEFORE BEGINNING WORK. THE CONTRACTOR SHALL CONTACT VDOT MISS UTILITY AT 1-800-FOR-ROAD 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AS TO THE LOCATION OF EXISTING AND APPROVED PLANS OF FUTURE UTILITY LINES. ANY DISRUPTION OF ANY UTILITY SERVICE IS THE RESPONSIBILITY OF THE CONTRACTOR.

4. LANE CLOSURE HOURS: 9 A.M – 3 P.M.

A. CONTROLLERS & FOUNDATIONS

1. NOTE?
2. NOTE?

B. TRAFFIC SIGNAL HEADS

1. NOTE?
2. NOTE?

D. PEDESTRIAN SIGNALS

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED IN ACCORDANCE WITH ST'D. SMB-3.

2. PEDESTAL POLE AND FOUNDATION IN SHALL BE IN ACCORDANCE WITH ST'D. PF-2 AND PA-4.

3. PEDESTRIAN PUSH BUTTONS AND PUSH BUTTON SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH ST'D. PA-2.

4. PEDESTRIAN CROSSING SIGN SHALL BE MUTCD DESIGNATION R10-3E.

E. CONDUIT, CONDUCTORS & ELECTRICAL

1. FOR INSTALLATION OF CONDUIT, NO OPEN CUT WILL BE ALLOWED IN ROADWAY SURFACE.

2. THE CONTRACTOR/SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ELECTRICAL SERVICE TO THE CONTROLLER AT ALL TIMES.

F. SIGNS & PAVEMENT MARKINGS

1. PAVEMENT MARKINGS SHALL BE MODIFIED TO REFLECT THE MARKINGS SHOWN ON THE PLANS WHEN THE PEDESTRIAN SIGNALS ARE INSTALLED.

2. ANY EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE COMPLETELY ERADICATED.

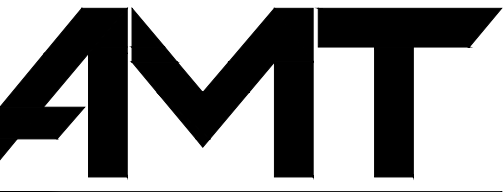
3. LIMITS SHOWN ON PROPOSED MARKINGS ARE APPROXIMATE AND SHALL BE MODIFIED IN THE FIELD TO ENSURE THAT PROPOSED PAVEMENT MARKINGS CONTINUE UNTIL EXISTING PAVEMENT MARKINGS CAN BE MATCHED.
- G. POLE INSTALLATION

1. NOTE?



LEGEND:

PLAN ITEM	PLAN SYMBOL	
	PROPOSED	EXISTING
Benchmark		
Primary Control (CP)		
Iron Rod Found		
Grote Inlet		
Sanitary Sewer Manhole		
Cleanout		
Electric Meter		
Light Pole		
Utility Pole		
Guy Wire		
Water Valve		
Fire Hydrant		
Water Meter		
Traffic Sign		
Trash Can		
Light Pole		
Electrical Box		
Sanitary Manhole		
Storm Drain Manhole		
Telephone Manhole		
Traffic Signal Mast Arm		
Traffic Light on Arm		
Traffic Handhole		
Traffic Cabinet		
Handrail		
Overhead Utility Lines		
Painted Underground Electrical Line		
Painted Underground Telephone		
Painted Underground Water Line		
Painted Sanitary Sewer Line		
Painted Underground Gas Line		
Underground Storm Pipe		
Fence Line		
Edge of Roadway		
Curb		
Shrub Line		
Elevation Contour		
Spot Elevation Bottom of Curb		
Spot Elevation Top of Curb		
Spot Elevation – Proposed		
Spot Elevation – Existing		
Wood Signal Pole and Span Wire		
Metal Signal Pole & Foundation and Mast Arm		
Pedestal Pole and Foundation (St'd. PF-2)		
Pedestal Pole and Foundation (St'd. PA-3)		
Traffic Signal Head w/ Backplate		
Traffic Signal Sign w/o Backplate		
Pedestrian Signal Head		
Pedestrian Pushbutton & Sign		
Traffic Signal Sign Mast Arm or Span Wire Mt'd. Pole Mounted		
Concrete Curb		
Concrete Curb and Gutter		
Concrete		
Handicap Ramp		
Existing		
Right of Way		
Landscape Area		
Invert		
Corrugated Metal Pipe		
Reinforced Concrete Pipe		
Approximate Direction		
Double Yellow Line (Stripe)		
Single Yellow Line (Stripe)		
Single White Line (Stripe)		
Dashed White Line (Stripe)		



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UPC 117997
TOWN OF CHRISTIANSBURG
100 E. MAIN STREET
CHRISTIANSBURG, VA 24073
PHONE: 540-382-6128
FAX: 540-382-7338

MARK DATE DESCRIPTION

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PROJECT NO: 21-0598.001

SCALE: N.T.S.

DESIGNED BY: CER

DRAWN BY: WEM

CHECKED BY: DEC

SHEET TITLE

GENERAL NOTES

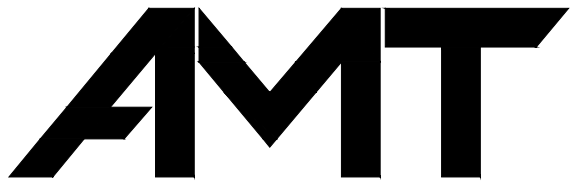
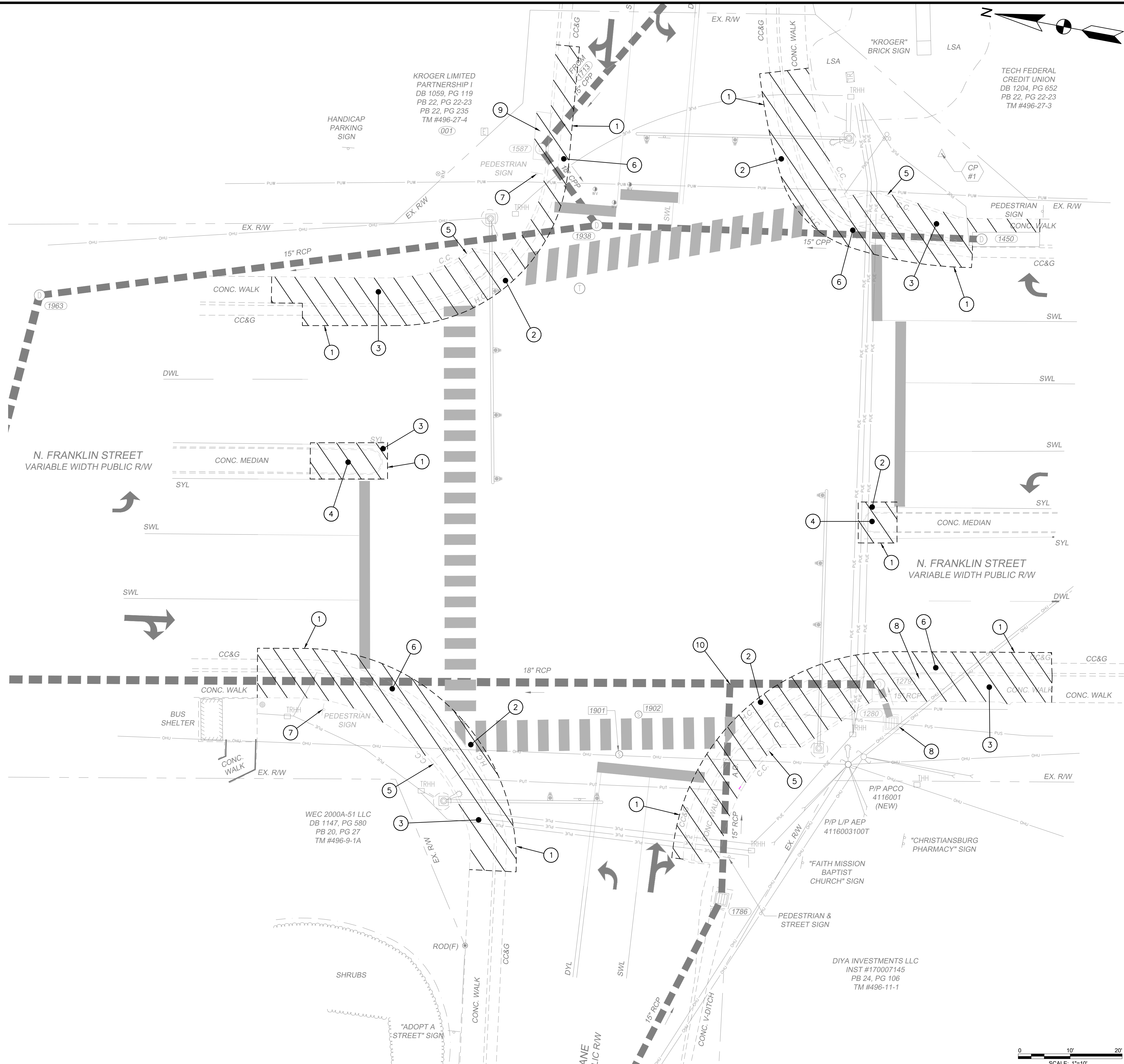
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SHEET 3 OF 18

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DEMOLITION LEGEND

- ① SURFACE SAW CUT
- ② REMOVE ASPHALT
- ③ REMOVE SIDEWALK
- ④ REMOVE CONCRETE MEDIAN
- ⑤ REMOVE CONCRETE CURB
- ⑥ REMOVE CURB & GUTTER
- ⑦ REMOVE SIGN PANEL, POST, & FDN.
- ⑧ REMOVE STORM STRUCTURE/PIPE
- ⑨ MODIFY DRAINAGE STRUCTURE
- ⑩ APPROX. BLIND JUNCTION OR BURIED MANHOLE



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CHECKED BY: DEC

SHEET TITLE

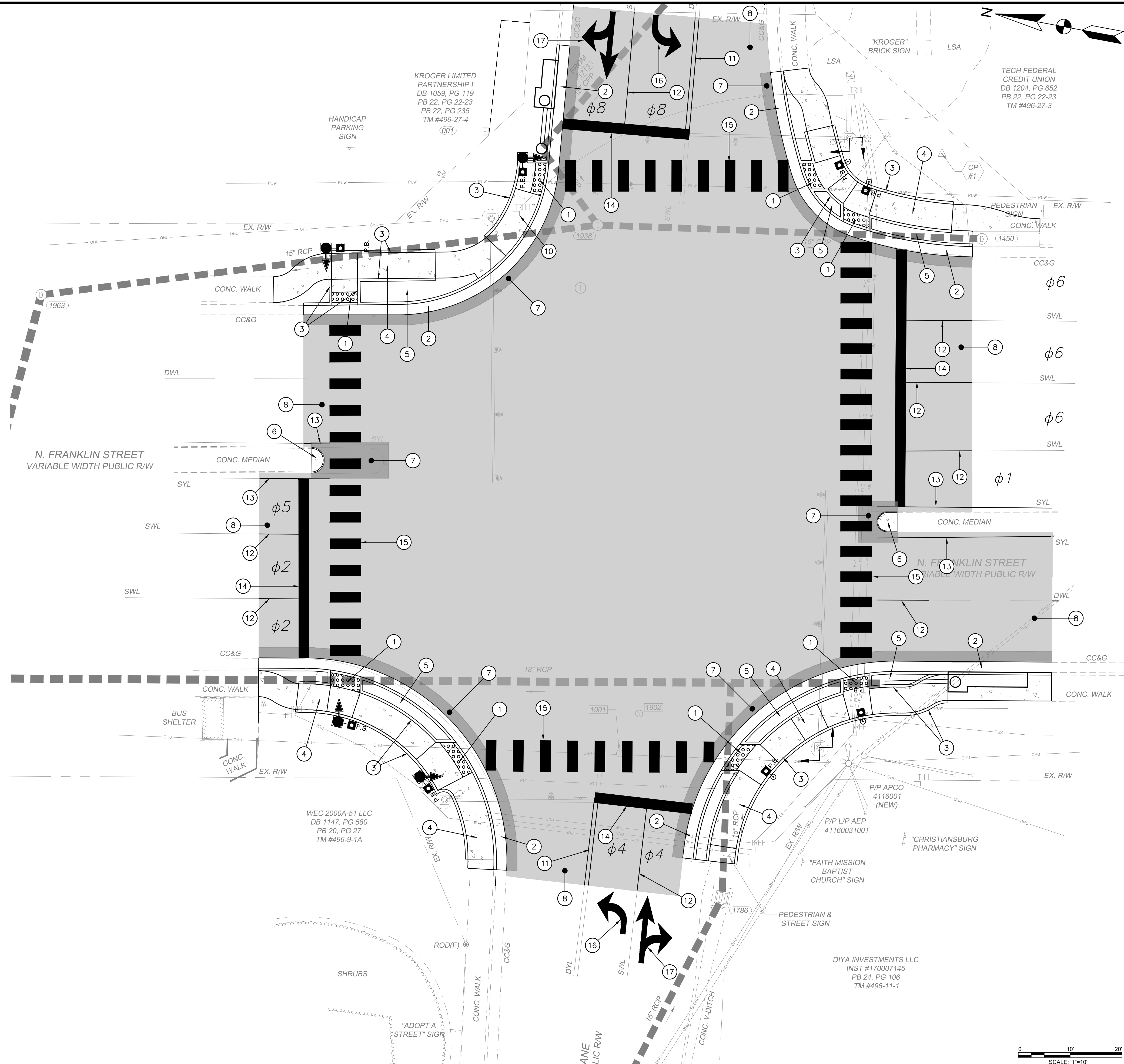
EXISTING CONDITIONS &
DEMOLITION PLAN

C3.0

SHEET 4 OF 18

PLAN KEY

- ① CG-12 DETECTABLE WARNING SURFACE (TYPE B)
② COMBINATION 6" CURB AND GUTTER (CG-6)
③ STD. 6" CURB (CG-2)
④ 5' WIDE CONCRETE SIDEWALK
⑤ GRASS SIDEWALK BUFFER
⑥ CONCRETE MEDIAN
⑦ FULL DEPTH PAVEMENT:
8" 21B STONE
4" BM-25.0A
2" SM-9.5D
⑧ 1.5" ASPHALT MILL AND OVERLAY (SM-9.5D)
⑨ TIE TO EXISTING SIDEWALK
⑩ RELOCATE TRAFFIC JUNCTION BOX
⑪ 4" DOUBLE YELLOW LINE TYPE B, CLASS I
⑫ 4" SINGLE WHITE LINE TYPE B, CLASS I
⑬ 4" SINGLE YELLOW LINE TYPE B, CLASS I
⑭ 24" SOLID WHITE LINE TYPE B, CLASS II
⑮ 6" WIDE CROSSWALK 24" SOLID WHITE LINE TYPE B, CLASS II
⑯ SINGLE TURN ARROW TYPE B, CLASS II
⑰ DOUBLE TURN ARROW THRU/RT TYPE B, CLASS II
- ASPHALT MILL & OVERLAY
■ FULL DEPTH ASPHALT
□ PROPOSED CONCRETE SIDEWALK
--- TEMPORARY CONSTRUCTION EASEMENT



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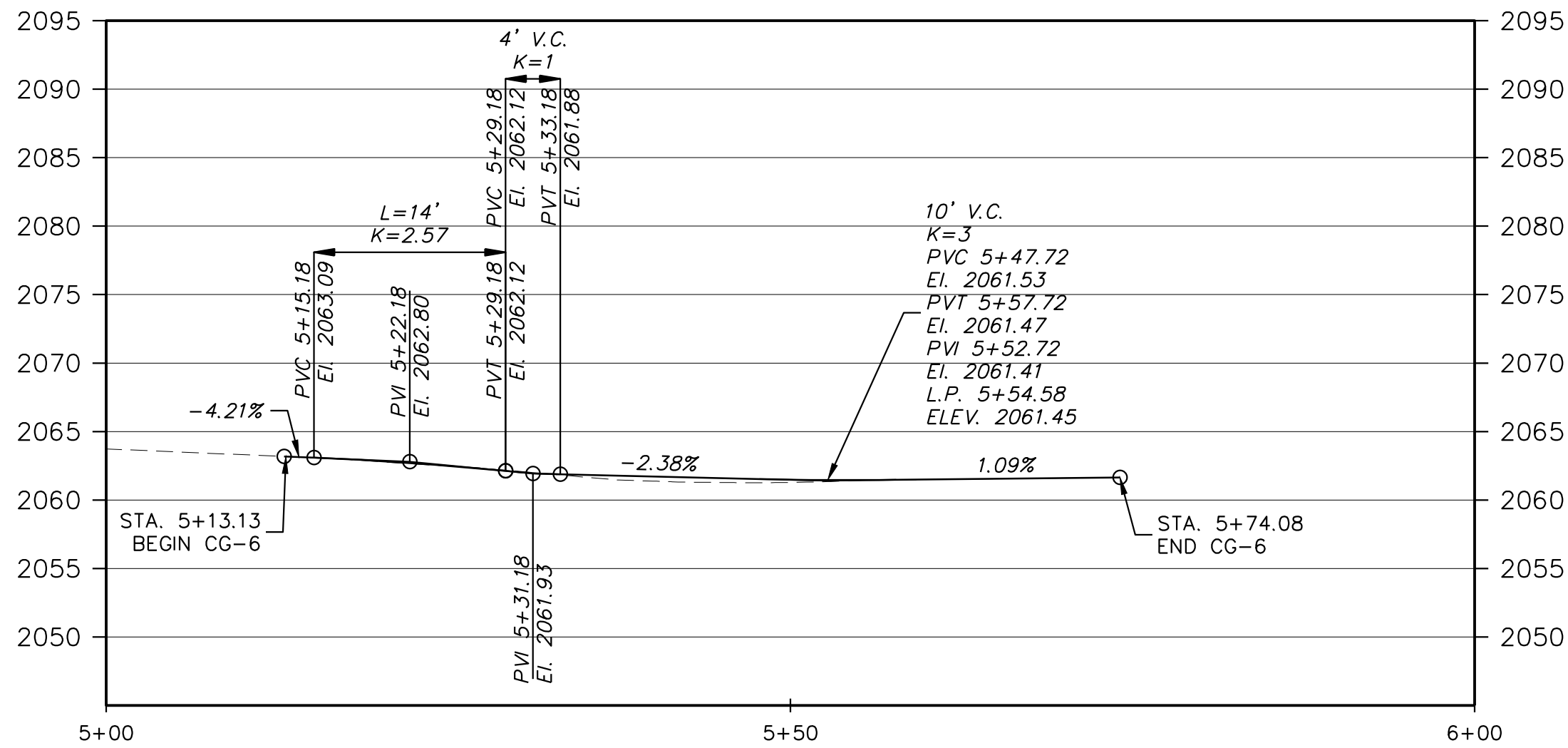
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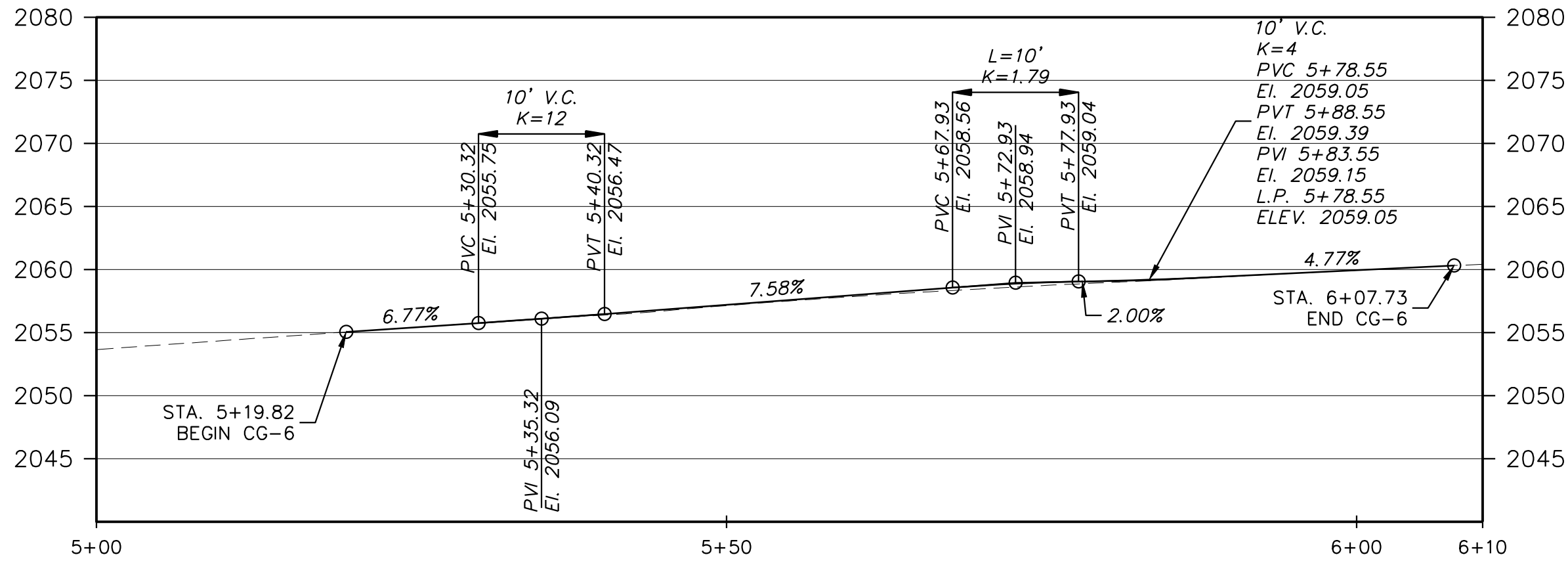
N. FRANKLIN STREET
AND WAIDES LANE
PEDESTRIAN
IMPROVEMENTS
STATE PROJECT NO.
EN20-154-251
UPC 117997
TOWN OF CHRISTIANSBURG
100 E. MAIN STREET
CHRISTIANSBURG, VA 24073
PHONE: 540-382-6128
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MARK	DATE	DESCRIPTION
60% PLANS (07-10-23)		
PROJECT NO: 21-0598.001		
SCALE: 1"=10'		
DESIGNED BY: CER		
DRAWN BY: WEM		
CHECKED BY: DEC		
SHEET TITLE		
INTERSECTION PLAN		
C4.0		
SHEET 5 OF 18		

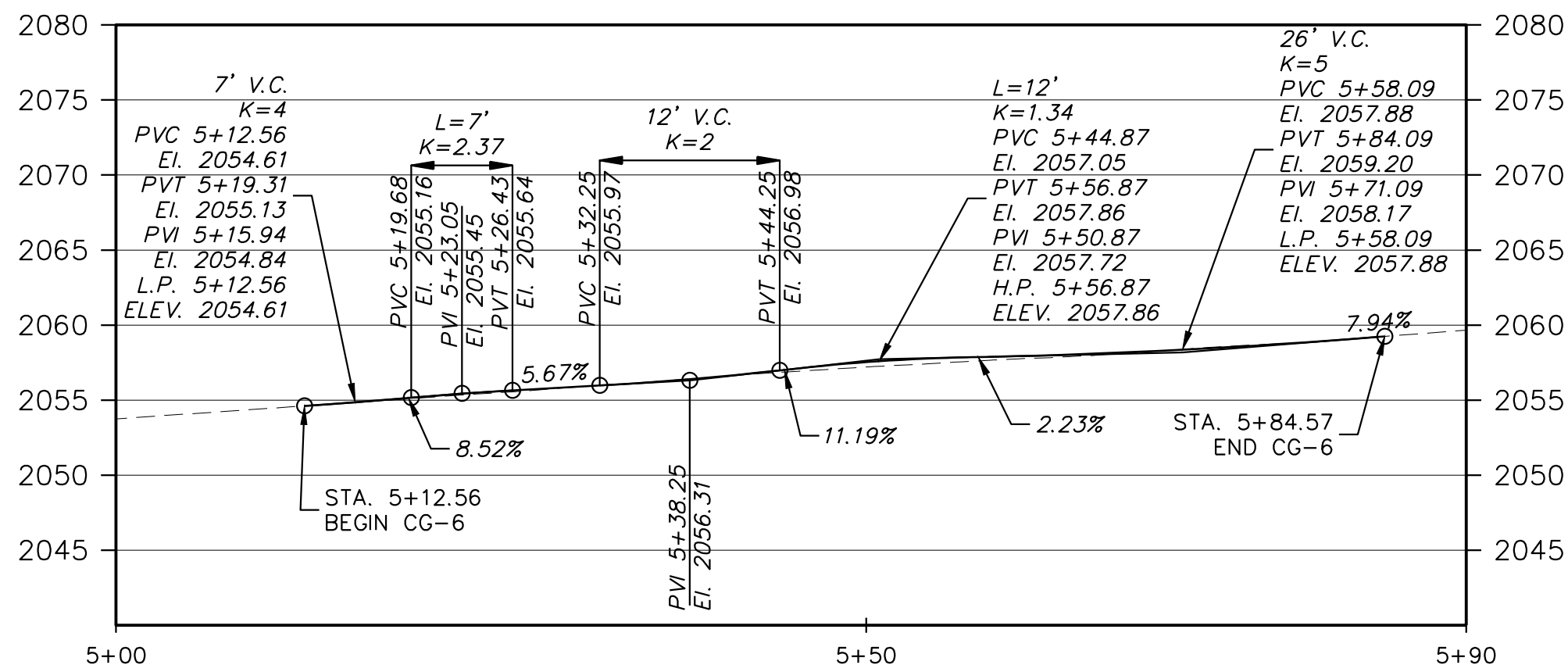
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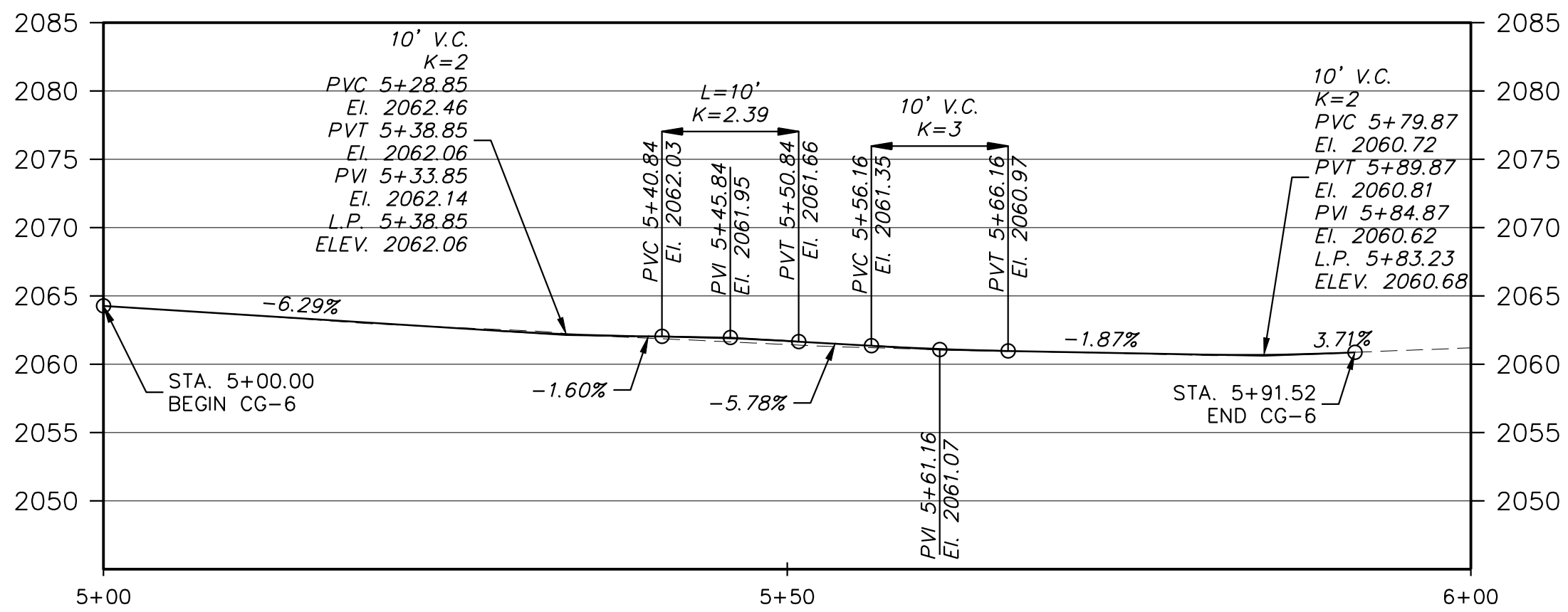
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SCALE: HORZ 1"=10'
VERT 1"=10'



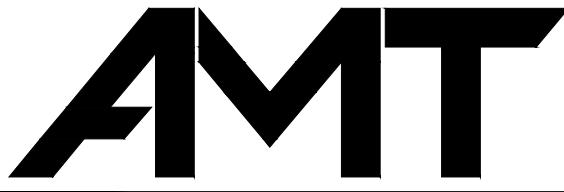
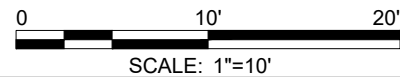
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NW QUADRANT
SCALE: HORZ 1"=10'
VERT 1"=10'



SW QUADRANT
SCALE: HORZ 1"=10'
VERT 1"=10'



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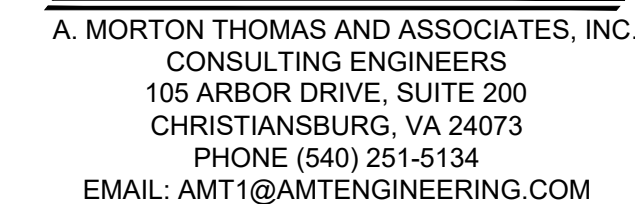
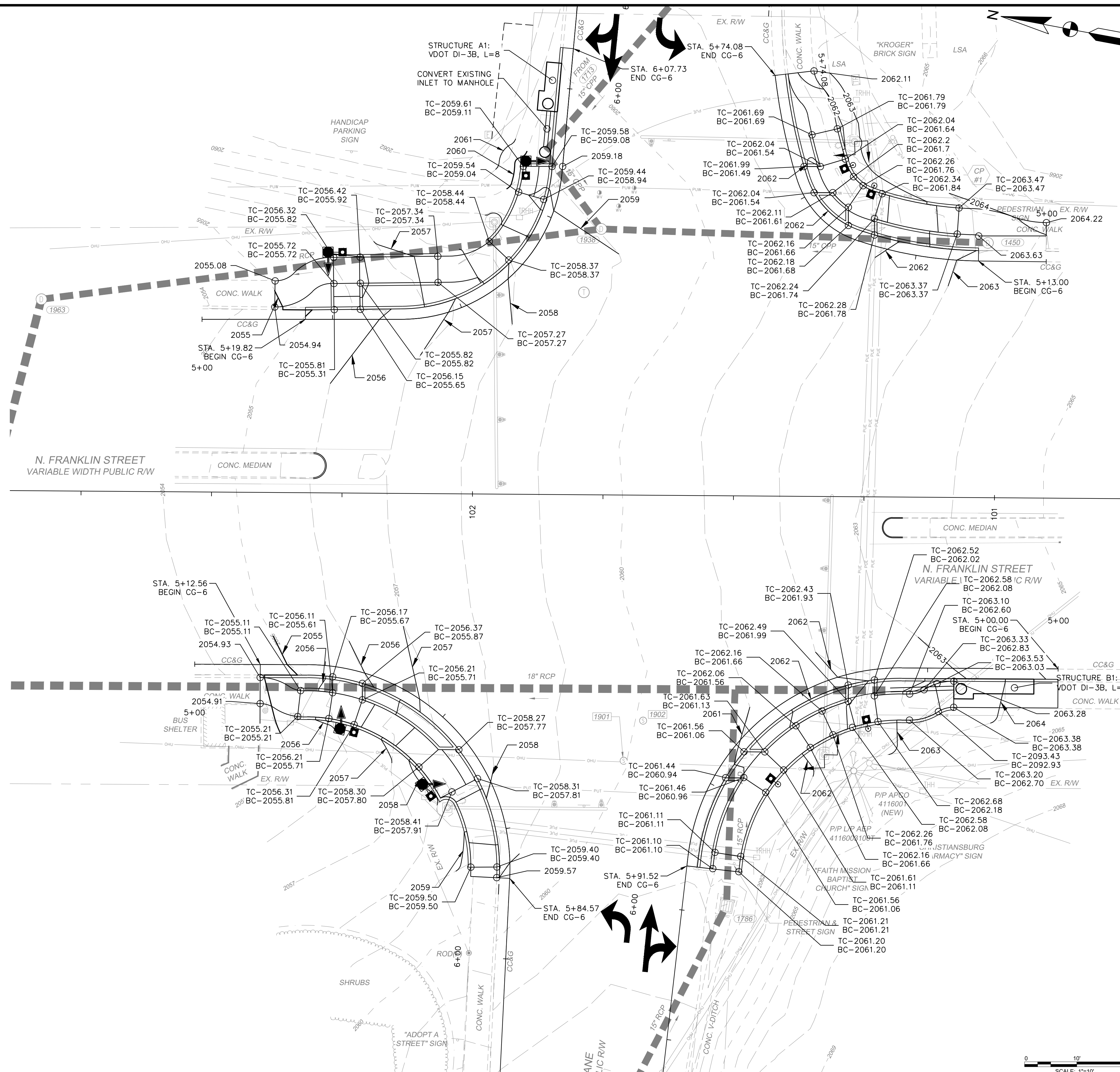
SHEET TITLE

CURB LINE PROFILES

C5.0

SHEET 6 OF 18

○ TC: 2055.82 FIN. GRADE TOP CURB EL.
 BC: 2056.32 FIN. GRADE BOTTOM CURB EL.
 ○ 2055.82 FIN. GRADE SPOT EL.
 --- 2060 --- EXIST. GRADE CONTOUR
 ——— 2060 ——— FIN. GRADE CONTOUR
 - - - - - TEMPORARY CONSTRUCTION
 EASEMENT



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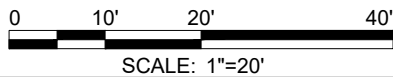
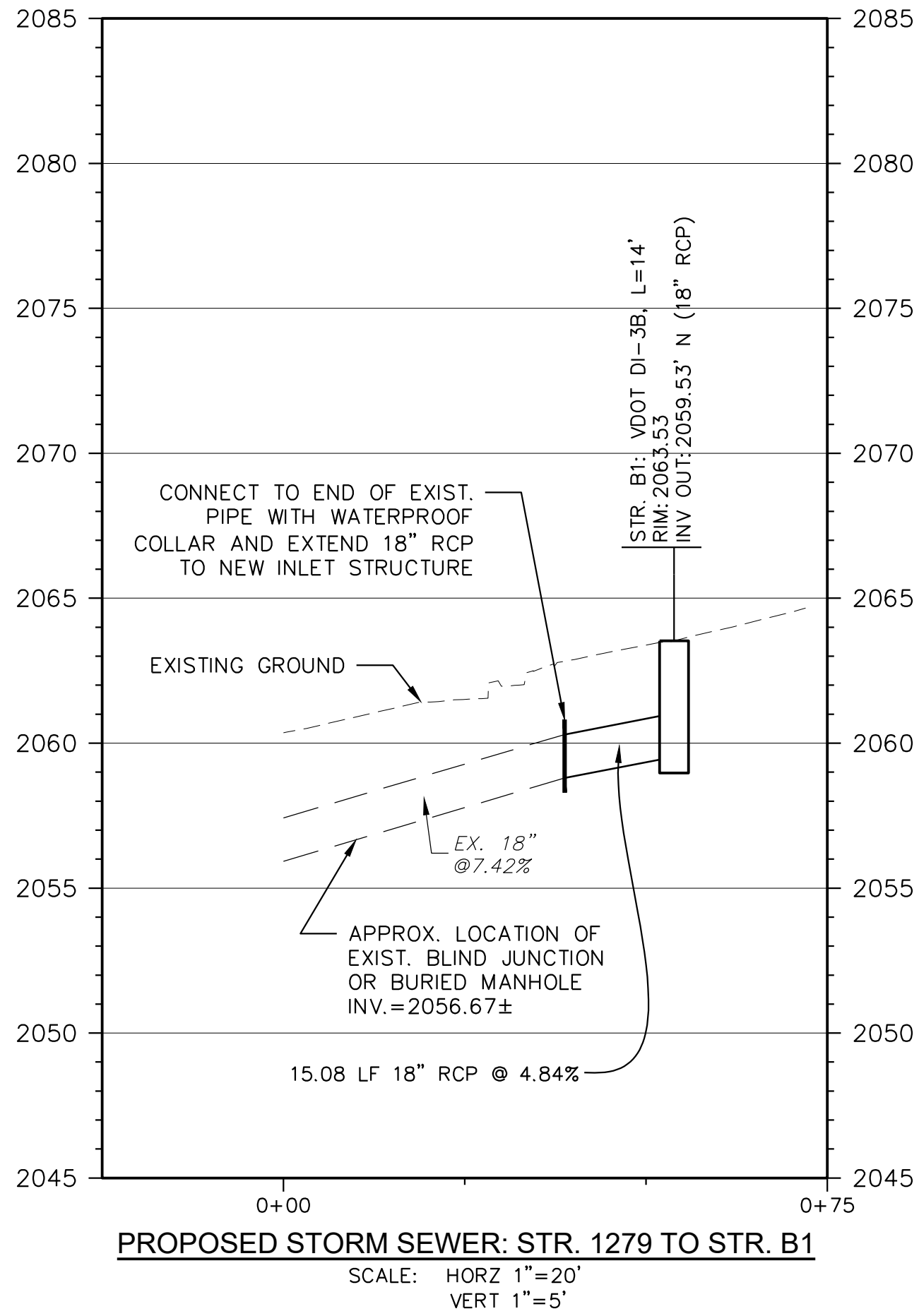
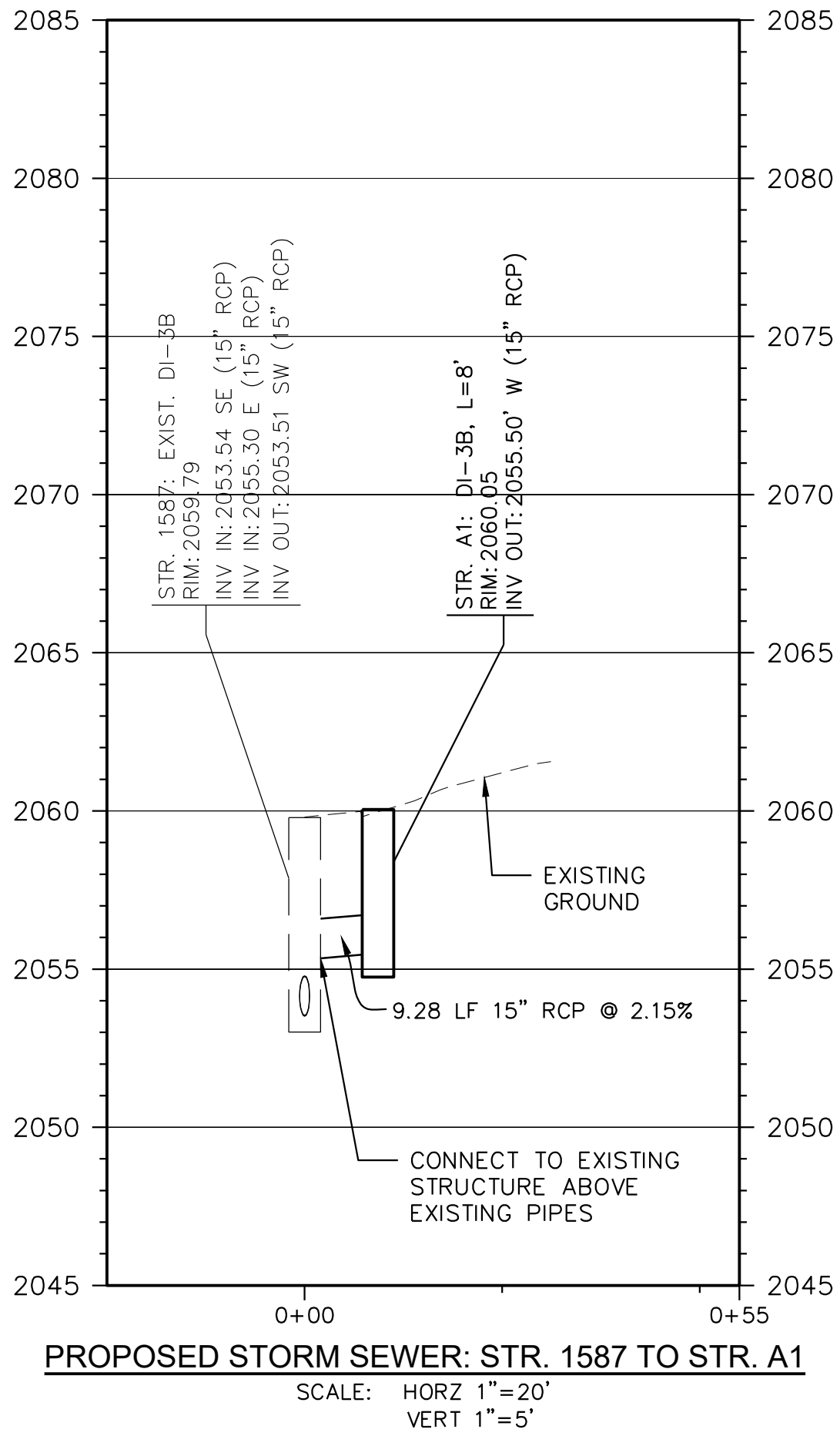
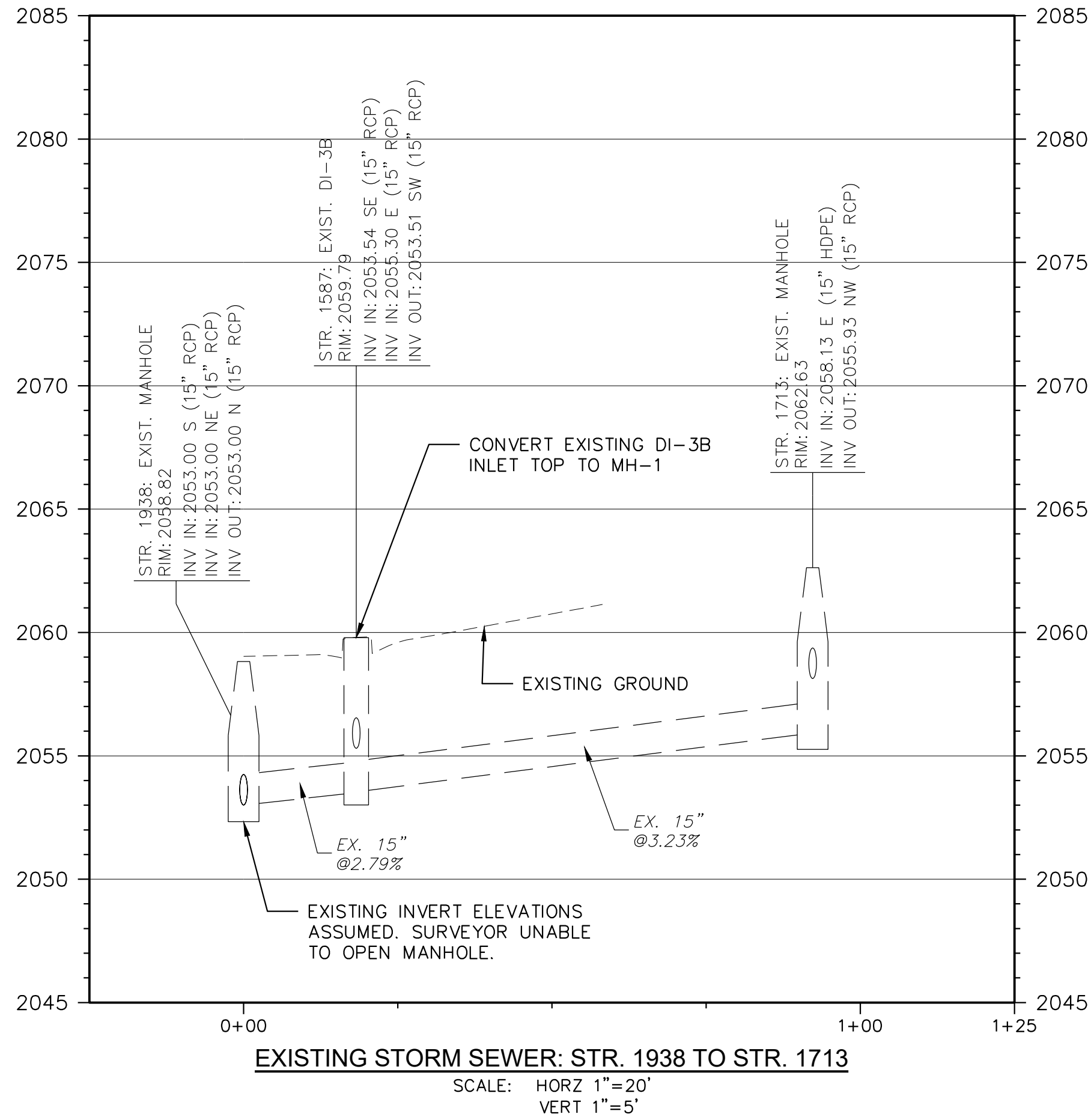
GRADING & DRAINAGE PLAN

C6.0

SHEET 7 OF 18

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60% PLANS (07-10-23)

PROJECT NO: 21-0598.001

SCALE: AS SHOWN

DESIGNED BY: CER

DRAWN BY: WEM

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SHEET TITLE

STORM SYSTEM
PROFILES

C6.1

SHEET 8 OF 18

1. PROJECT DESCRIPTION:

- ### SEQUENCE OF CONSTRUCTION

- ## EROSION & SEDIMENT CONTROL MAINTENANCE NOTES

1. EROSION AND SEDIMENT CONTROL WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION AND BUILDUP OR CLOGGING WITH SEDIMENT. CORRECTIVE ACTION WILL BE

- ## MINIMUM STANDARDS

11. BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS OR PIPES ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.
12. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS.
13. WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX-MONTH PERIOD, A TEMPORARY VEHICULAR STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED.
14. ALL APPLICABLE FEDERAL, STATE AND LOCAL CHAPTERS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET.
15. THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.
16. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 - A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
 - B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 - C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
 - D. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
 - E. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THIS CHAPTER.
 - F. APPLICABLE SAFETY CHAPTERS SHALL BE COMPLIED WITH.

18. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN

GENERAL EROSION AND SEDIMENT CONTROL NOTES

SHALL BE MADE IMMEDIATELY.

[illegible]

EROSION & SEDIMENT CONTROL NOTES

SHEET 9 OF 18

SHEET 11 OF 18

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GENERAL NOTES

1. THIS PROJECT IS CLASSIFIED AS A "TYPE A" AND CATEGORY II BASED UPON VDOT TED MEMO 351.3.
2. THE PROJECT IS LOCATED AT THE INTERSECTION OF N FRANKLIN STREET AND WADES LANE IN CHRISTIANSBURG, VIRGINIA. THE PURPOSE OF THIS PROJECT IS TO PROVIDE NEW ADA COMPLIANT RAMPS AS WELL AS NEW CROSS WALKS, PEDESTRIAN PUSHBUTTONS, PEDESTRIAN SIGNAL HEADS, RESURFACING OF THE INTERSECTION, AND ASSOCIATED IMPROVEMENTS WITHIN THE INTERSECTION.
3. THE GENERAL LOCATION OF THE WORK ZONE FOR N FRANKLIN STREET WILL BE 100 FEET ON EACH SIDE OF WADES LANE AND THE WORK ZONE FOR WADES LANE WILL BE 50 FEET ON EACH SIDE OF N FRANKLIN STREET.
4. THE EXISTING SPEED LIMIT FOR N FRANKLIN STREET IS 35 MPH AND THE EXISTING SPEED LIMIT FOR WADES LANE IS 25 MPH. THE EXISTING SPEED LIMIT SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
5. ANY REQUIRED LANE AND/OR ROAD CLOSURES MUST BE APPROVED IN ADVANCE BY THE TOWN ENGINEER. ALL NOTIFICATIONS OF LANE CLOSURES SHALL BE PURSUANT TO SPECIAL PROVISION PROVIDED BY VDOT.
6. VDOT SOUTHWEST REGIONAL (SWRO) TRAFFIC OPERATIONS CENTER (TOC) SHOULD BE NOTIFIED WHEN LANE CLOSURES ARE PLANNED.
7. NORMAL WORKING HOURS ARE FROM 7:30 AM TO 5:30 PM, MONDAY THROUGH SATURDAY. LANE CLOSURES AND STOPPING OF TRAFFIC SHALL ONLY BE ALLOWED ON N FRANKLIN STREET AND WADES LANE BETWEEN THE HOURS OF 9:00 AM TO 3:30 PM. EXCEPTIONS TO THESE LANE CLOSURE REQUIREMENTS REQUIRE PRIOR APPROVAL FROM THE TOWN. THERE WILL BE NO WORK WITHOUT THE PERMISSION OF THE TOWN ON SUNDAYS AND HOLIDAYS, PER SECTION 108 OF THE ROAD AND BRIDGE SPECIFICATIONS.
8. NIGHTTIME CONSTRUCTION, DEFINED BY THE VA WAPM AS 30 MINUTES PRIOR TO SUNSET THROUGH 30 MINUTES AFTER SUNRISE ON THE NEXT DAY, SHALL BE UTILIZED FOR FLAGGER OPERATIONS (TTC 30.2) AS REQUIRED FOR THE DISCONNECTION, CONNECTION, REMOVAL, OR INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT. TEMPORARY LIGHTING SHALL BE PROVIDED WHERE WORKERS ARE ACTIVE TO SUPPLY SUFFICIENT ILLUMINATION TO SAFELY PERFORM THE WORK TASKS AND DESIGNED TO ENSURE THAT GLARE DOES NOT INTERFERE WITH DRIVER VISIBILITY, OR IMPACT VISIBILITY FOR TRUCK DRIVERS, EQUIPMENT OPERATORS, FLAGGERS, OR OTHER WORKERS. IN ADVANCE OF PLANNING OR PERFORMING NIGHTTIME ACTIVITIES, THE CONTRACTOR SHALL COORDINATE WITH JUSTIN ST. CLAIR (JSTCLAIR@CHRISTIANSBURG.ORG) OF THE TOWN OF CHRISTIANSBURG.
9. ALL AREAS EXCAVATED DEEPER THAN 2 INCHES BELOW EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE, AT THE CONCLUSION OF EACH WORKDAY, SHALL BE BACKFILLED TO FORM AN APPROXIMATE 6:1 WEDGE DESIRED, 4:1 MINIMUM AGAINST THE PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COST FOR PLACING, MAINTAINING, AND REMOVING THE 6:1 WEDGE DESIRED, 4:1 MINIMUM SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. ANY CONTRACT ITEM(S) NOT SPECIFICALLY NOTED IN THE TRANSPORTATION MANAGEMENT PLAN MAY BE SCHEDULED FOR CONSTRUCTION AT THE CONTRACTOR'S OPTIONS, AS APPROVED BY THE TOWN.
11. THE FINAL SURFACE COURSE IS NOT TO BE PLACED UNTIL SUCH TIME THAT CONTINUOUS OPERATIONS ARE POSSIBLE FROM BEGINNING TO END OF THE PROJECT AND PERMANENT PAVEMENT MARKINGS CAN BE PLACED TO PROVIDE A CONTINUOUS FINAL COURSE AS APPLICABLE.
12. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH VDOT'S 2020 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD (REVISION 2), 2011 VIRGINIA SUPPLEMENT TO THE MUTCD (REVISION 1), 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REVISION 2.1), AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.
13. THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL AS DIRECTED BY THE TOWN, SHOULD FIELD CONDITIONS WARRANT.
14. THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF ALL TEMPORARY PAVEMENT MARKINGS THAT ARE REQUIRED OR IMPLIED IN THE CONSTRUCTION SEQUENCING. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TRAFFIC CONTROL DEVICES, SIGNAGE, EQUIPMENT, PERSONNEL, INCLUDING CERTIFIED TRAFFIC-CONTROL PERSONNEL, ETC. TO CONTROL TRAFFIC DURING CONSTRUCTION. ALL TRAFFIC CONTROL SHALL BE IN STRICT ACCORDANCE WITH THE STANDARDS, GUIDELINES, POLICIES, AND OBJECTIVES OF THE LATEST EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL, MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND ALL VDOT PERMITS. THE TEMPORARY ERADICATION OF EXISTING PAVEMENT MARKINGS SHALL BE COMPLETED ACCORDING TO THE 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS.
15. AT NO TIME SHALL CONSTRUCTION TAKE PLACE ON BOTH THE RIGHT AND LEFT SIDES OF TRAFFIC UNLESS SPECIFIED BY THE TOWN.
16. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION.
17. CONTRACTOR TO COORDINATE ENTRANCE WORK WITH OWNERS TO MAINTAIN ACCESS.
18. TYPE E TEMPORARY BLACK 6" PAVEMENT MARKINGS SHALL BE USED FOR TEMPORARY ERADICATION OF EXISTING PAVEMENT MARKINGS AND SHALL BE REPLACED EVERY 120 DAYS OR AS NEEDED DUE TO DAMAGE IN ACCORDANCE WITH THE SPECIFICATIONS. THIS ITEM WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT COSTS SHALL BE INCLUDED IN THE BID ITEM "NS MAINTENANCE OF TRAFFIC".

TRANSPORTATION OPERATION PLAN

1. THE CONTRACTOR SHALL GIVE THE TOWN A MINIMUM OF 48-HOUR NOTICE WHEN A LANE OR ROAD CLOSURE IS PLANNED.
2. ANY TRAFFIC INCIDENT THAT OCCURS DURING THE LIFE OF THIS PROJECT WILL BE DISCUSSED BY THE CONTRACTOR, AND THE TOWN PROJECT PERSONNEL TO DETERMINE WHETHER ANY CHANGES NEED TO BE MADE TO THE TRAFFIC CONTROL OF THE PROJECT.

TEMPORARY TRAFFIC CONTROL (TTC) PLAN

1. LANE CLOSURES ARE ANTICIPATED FOR THIS PROJECT AND WILL BE IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION – REVISION 2.1. THE FOLLOWING TEMPORARY TRAFFIC MEASURES SHALL BE USED:
 - 1.1. TYPICAL TRAFFIC CONTROL, STATIONARY OPERATION ON A SHOULDER (FIGURE TTC-4.2)
 - 1.2. TYPICAL TRAFFIC CONTROL, SHOULDER OPERATION WITH MINOR ENCROACHMENT (FIGURE TTC-5.2)
 - 1.3. TYPICAL TRAFFIC CONTROL, OUTSIDE LANE CLOSURE OPERATION ON A FOUR-LANE ROADWAY (FIGURE TTC-16.2)
 - 1.4. TYPICAL TRAFFIC CONTROL, INSIDE LANE CLOSURE OPERATION ON A FOUR-LANE ROADWAY (FIGURE TTC-17.2)
 - 1.5. TYPICAL TRAFFIC CONTROL, LANE CLOSURE ON A TWO-LANE ROADWAY USING FLAGGERS (TTC-23.2)
 - 1.6. TYPICAL TRAFFIC CONTROL, LANE CLOSURE OPERATION – FAR SIDE OF AN INTERSECTION (TTC-27.2)
 - 1.7. TYPICAL TRAFFIC CONTROL, TURN LANE CLOSURE OPERATION (FIGURE TTC-29.2)
 - 1.8. TYPICAL TRAFFIC CONTROL, FLAGGING OPERATION AT SIGNALIZED INTERSECTION (FIGURE TTC 30.2)
 - 1.9. TYPICAL TRAFFIC CONTROL, SIDEWALK CLOSURE AND BYPASS SIDEWALK OPERATION (FIGURE TTC-35.1)
 - 1.10. TYPICAL TRAFFIC CONTROL, SIGNING FOR PROJECT LIMITS (FIGURE TTC-53.0)
 - 1.11. TYPICAL TRAFFIC CONTROL, ERADICATION OF PAVEMENT MARKINGS IN A WORK ZONE (FIGURE TTC-55.1)
2. NEGATIVE IMPACTS TO THE TRAVELING PUBLIC SHALL BE MINIMIZED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ONE INTERMEDIATE LEVEL AND ONE BASIC LEVEL DESIGNATED WORK ZONE SAFETY COORDINATOR TO DEVELOP AND MONITOR ALL TRAFFIC CONTROL DEVICES AND ENSURE COMPLIANCE WITH THE CURRENT EDITION OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL (VWAPM).
4. ALL WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE PROMPTLY REMOVED UPON THE COMPLETION OF WORK, AS DIRECTED BY THE TOWN ENGINEER.

PUBLIC COMMUNICATION PLAN

1. THE TOWN WILL HANDLE THE PUBLIC COMMUNICATION PLAN.
2. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE USED TO NOTIFY THE TRAVELING PUBLIC OF ANY SUCH MAJOR TRAFFIC CHANGES 72 HOURS IN ADVANCE OF THE CHANGE.

SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PHASING OF WORK ON THIS PROJECT. TRAFFIC SHALL BE MAINTAINED ACCORDING TO THE TTC FIGURES AS PRESCRIBED IN THIS PLAN THROUGH THE USE OF GROUP II CHANNELIZING DEVICES AND PROPER SIGNAGE. THE CONTRACTOR SHALL MINIMIZE LANE CLOSURES TO THE GREATEST EXTENT PRACTICAL.

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60% PLANS (07-10-23)

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SCALE:	N.T.S.
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CHECKED BY:	DEC

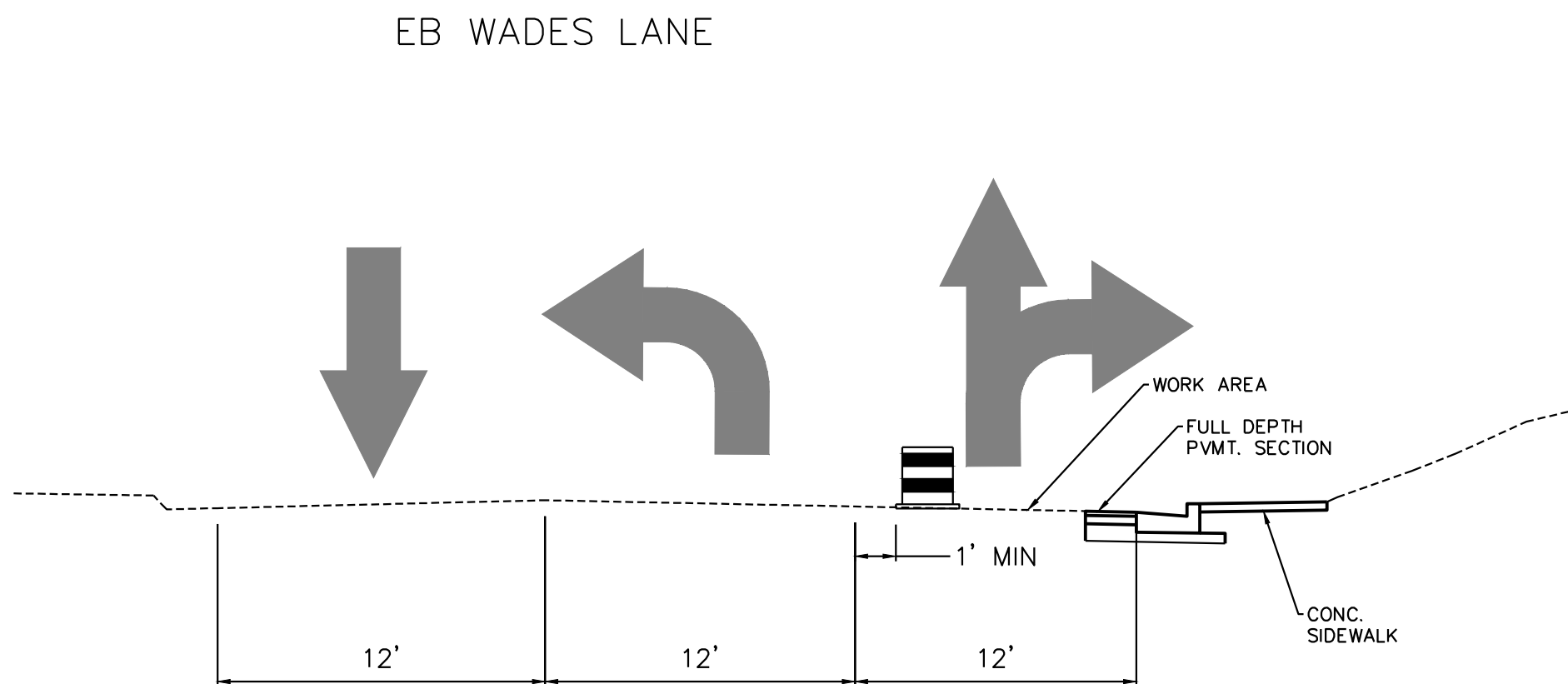
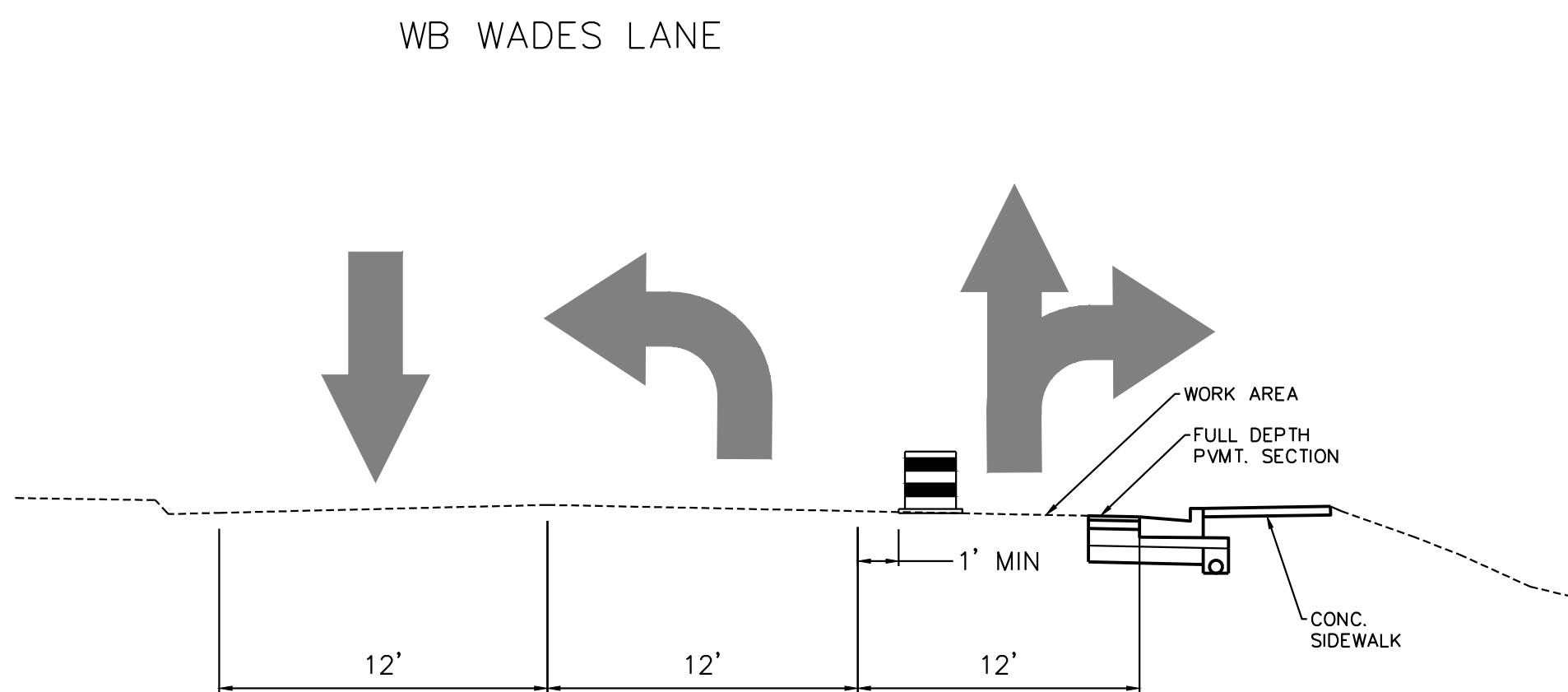
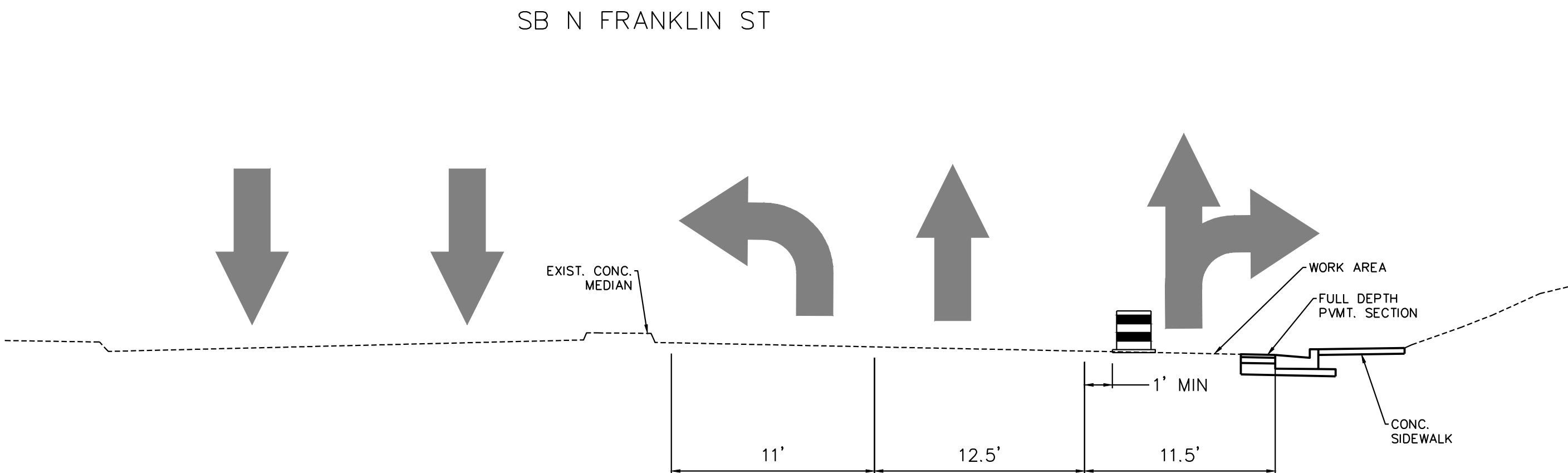
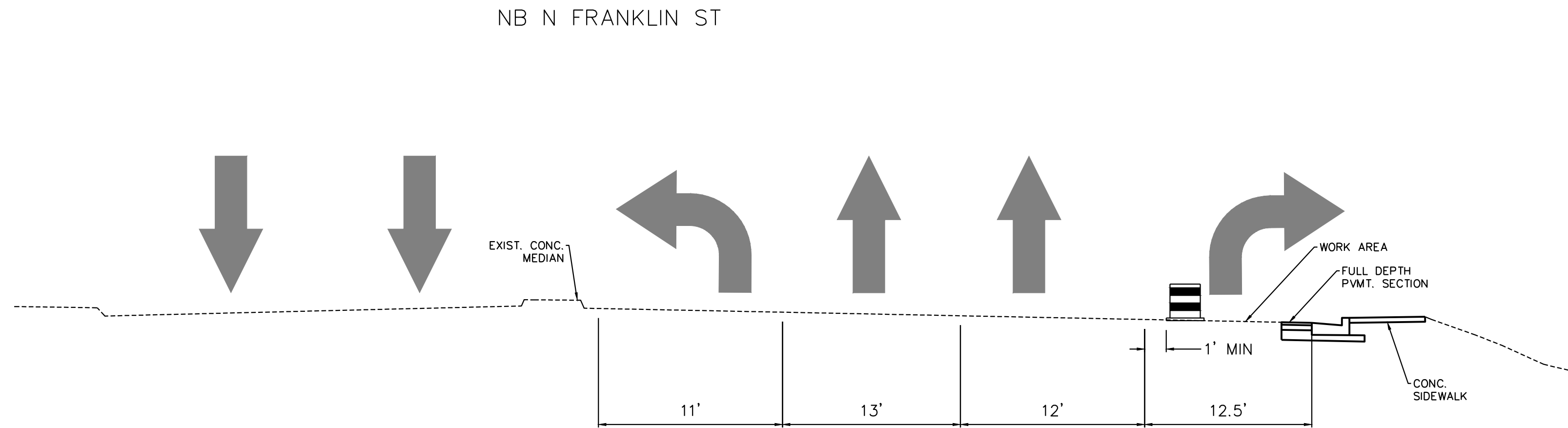
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TRAFFIC MANAGEMENT
PLAN NOTES

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SHEET 12 OF 18

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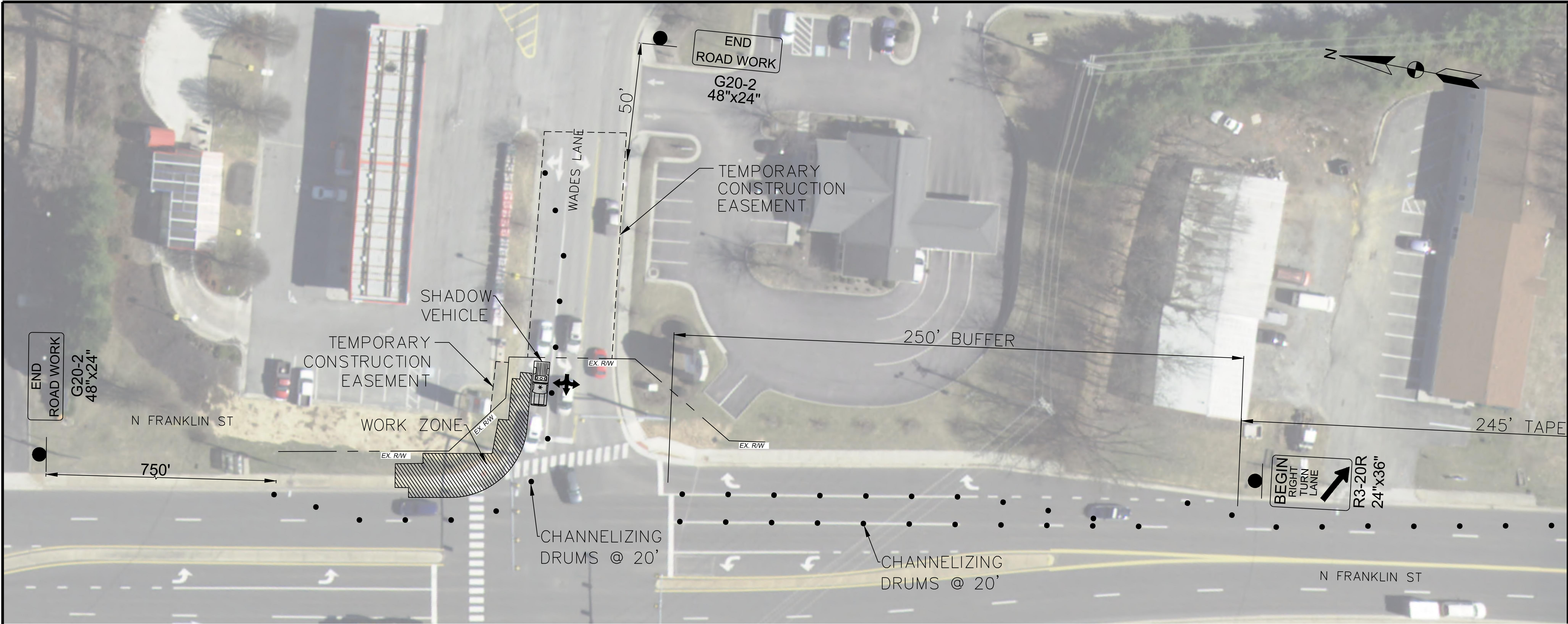
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TRAFFIC MANAGEMENT
PLAN SECTIONS

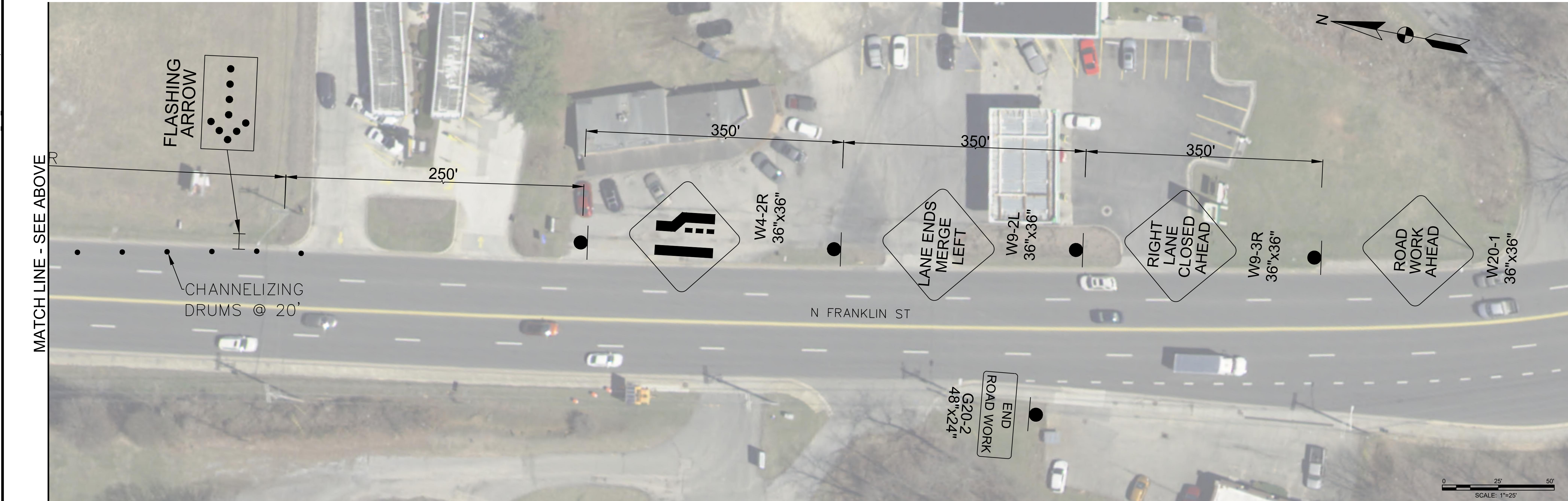
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MATCH LINE - SEE BELOW



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MARK	DATE	DESCRIPTION
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60% PLANS (07-10-23)

PROJECT NO: 21-0598.001

SCALE: 1"=25'

DESIGNED BY: CER

DRAWN BY: WEM

CHECKED BY: DEC

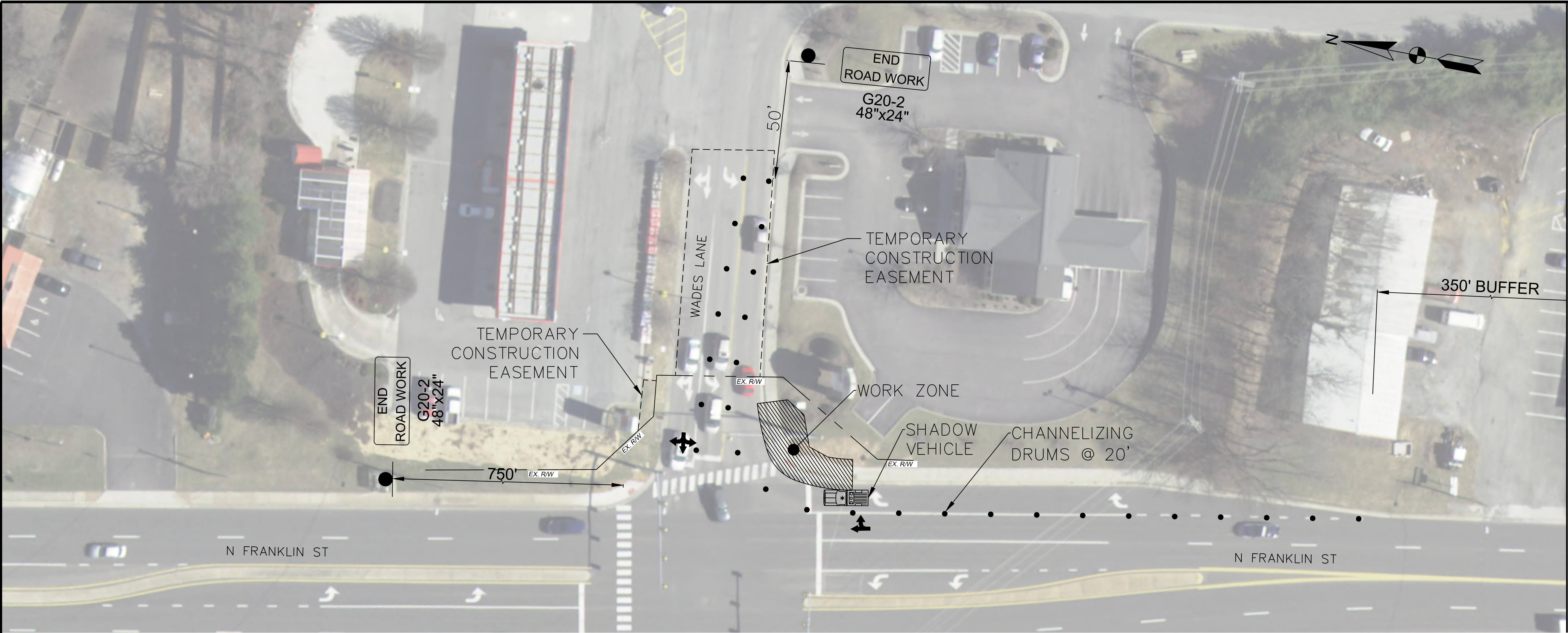
SHEET TITLE

TRAFFIC MANAGEMENT
PLAN NE CORNER

C9.2

SHEET 14 OF 18

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MATCH LINE - SEE BELOW



AMT
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
105 ARBOR DRIVE, SUITE 200
CHRISTIANSBURG, VA 24073
PHONE (540) 251-5134
EMAIL: AMT1@AMTENGINEERING.COM

CONSULTANTS

NOT FOR
CONSTRUCTION



N. FRANKLIN STREET
AND WADES LANE
PEDESTRIAN
IMPROVEMENTS
STATE PROJECT NO.
EN20-154-251
UPC 117997
TOWN OF CHRISTIANSBURG
100 E. MAIN STREET
CHRISTIANSBURG, VA 24073
PHONE: 540-382-6128
FAX: 540-382-7338

MARK	DATE	DESCRIPTION
------	------	-------------

60% PLANS (07-10-23)

PROJECT NO: 21-0598.001

SCALE: 1"=25'

DESIGNED BY: CER

DRAWN BY: WEM

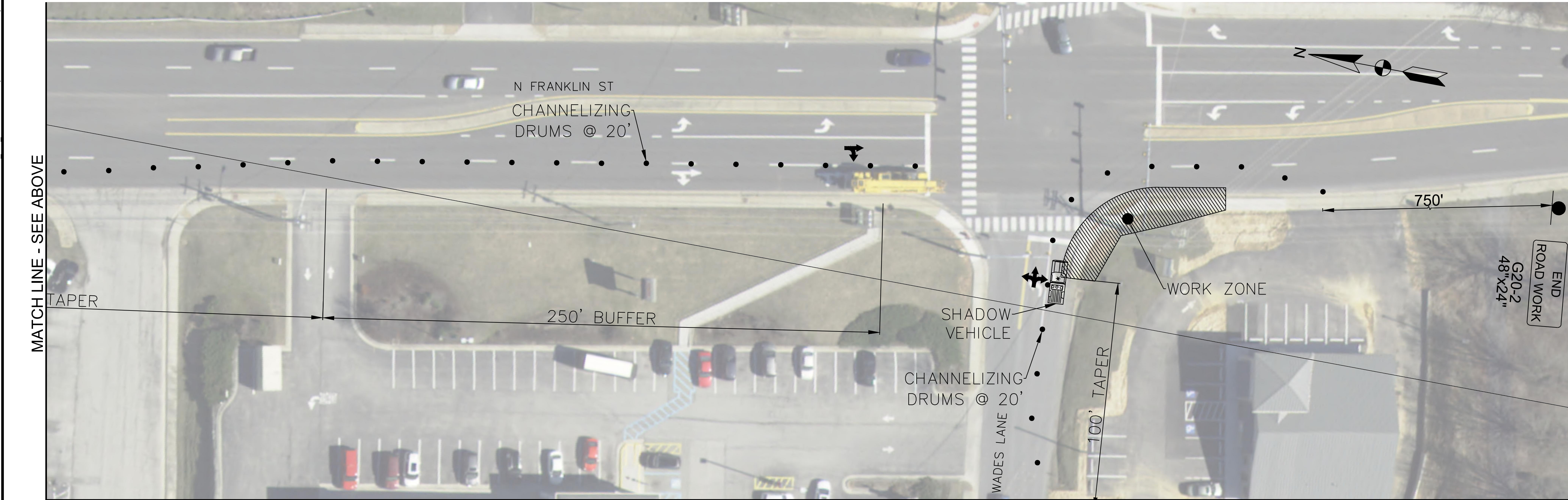
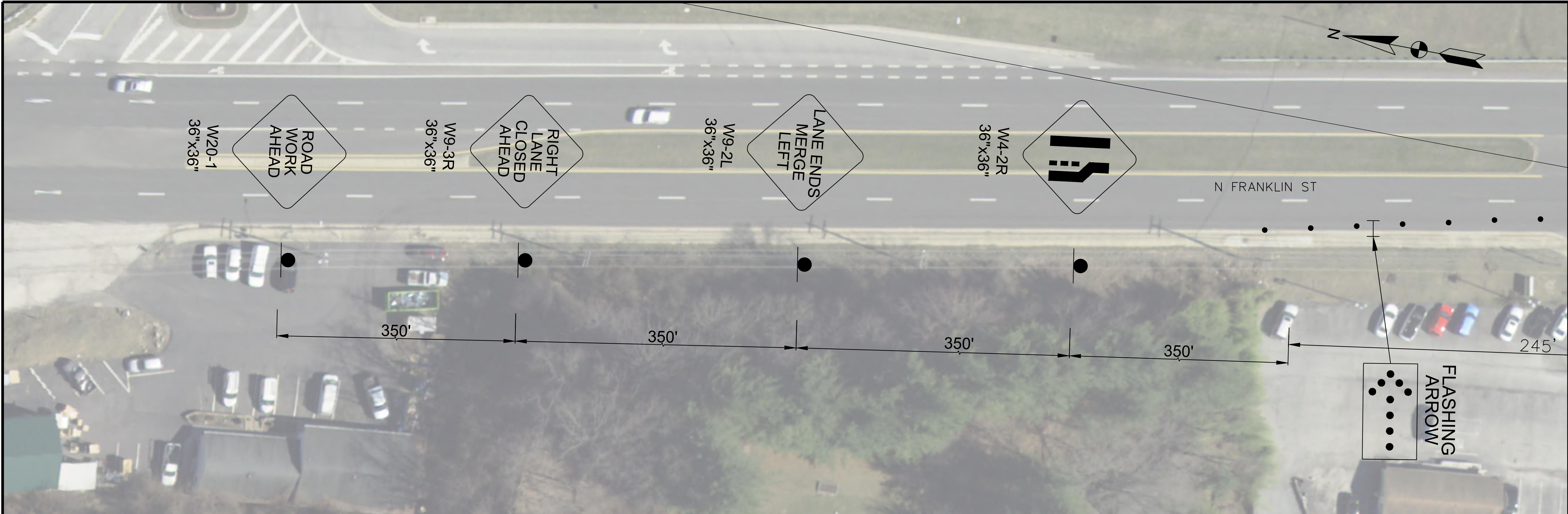
CHECKED BY: DEC

SHEET TITLE

TRAFFIC MANAGEMENT
PLAN SE CORNER

C9.3

SHEET 15 OF 18



AMT
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
105 ARBOR DRIVE, SUITE 200
CHRISTIANSBURG, VA 24073
PHONE (540) 251-5134
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NOT FOR
CONSTRUCTION



N. FRANKLIN STREET
AND WADES LANE
PEDESTRIAN
IMPROVEMENTS
STATE PROJECT NO.
EN20-154-251
UPC 117997
TOWN OF CHRISTIANSBURG
100 E. MAIN STREET
CHRISTIANSBURG, VA 24073
PHONE: 540-382-6128
FAX: 540-382-7338

MARK	DATE	DESCRIPTION
------	------	-------------

60% PLANS (07-10-23)

PROJECT NO:	21-0598.001
SCALE:	1"=25'
DESIGNED BY:	CER
DRAWN BY:	WEM
CHECKED BY:	DEC

SHEET TITLE

TRAFFIC MANAGEMENT
PLAN SW CORNER

C9.4

SHEET 16 OF 18

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CONSULTANTS

NOT FOR
CONSTRUCTION



N. FRANKLIN STREET
AND WADES LANE
PEDESTRIAN
IMPROVEMENTS
STATE PROJECT NO.
EN20-154-251
UPC 117997
TOWN OF CHRISTIANSBURG
100 E. MAIN STREET
CHRISTIANSBURG, VA 24073
PHONE: 540-382-6128
FAX: 540-382-7338

MARK	DATE	DESCRIPTION
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60% PLANS (07-10-23)

PROJECT NO: 21-0598.001

SCALE: 1"=25'

DESIGNED BY: CER

DRAWN BY: WEM

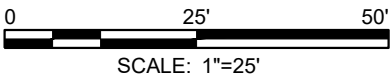
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SHEET TITLE

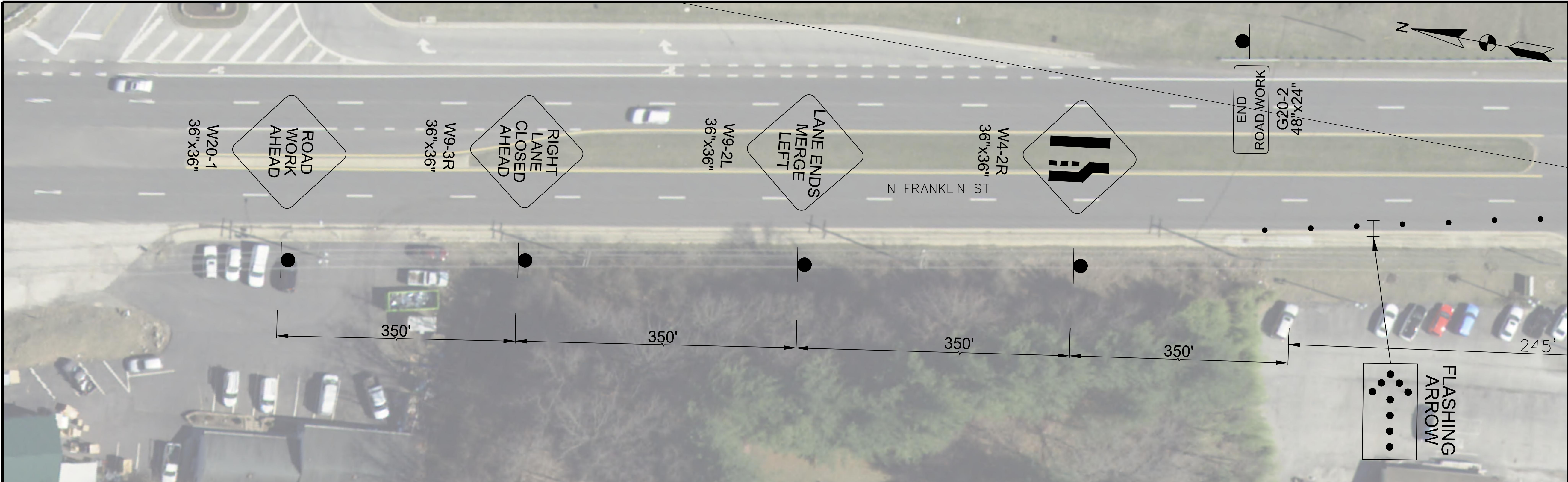
TRAFFIC MANAGEMENT
PLAN SW CORNER

C9.5

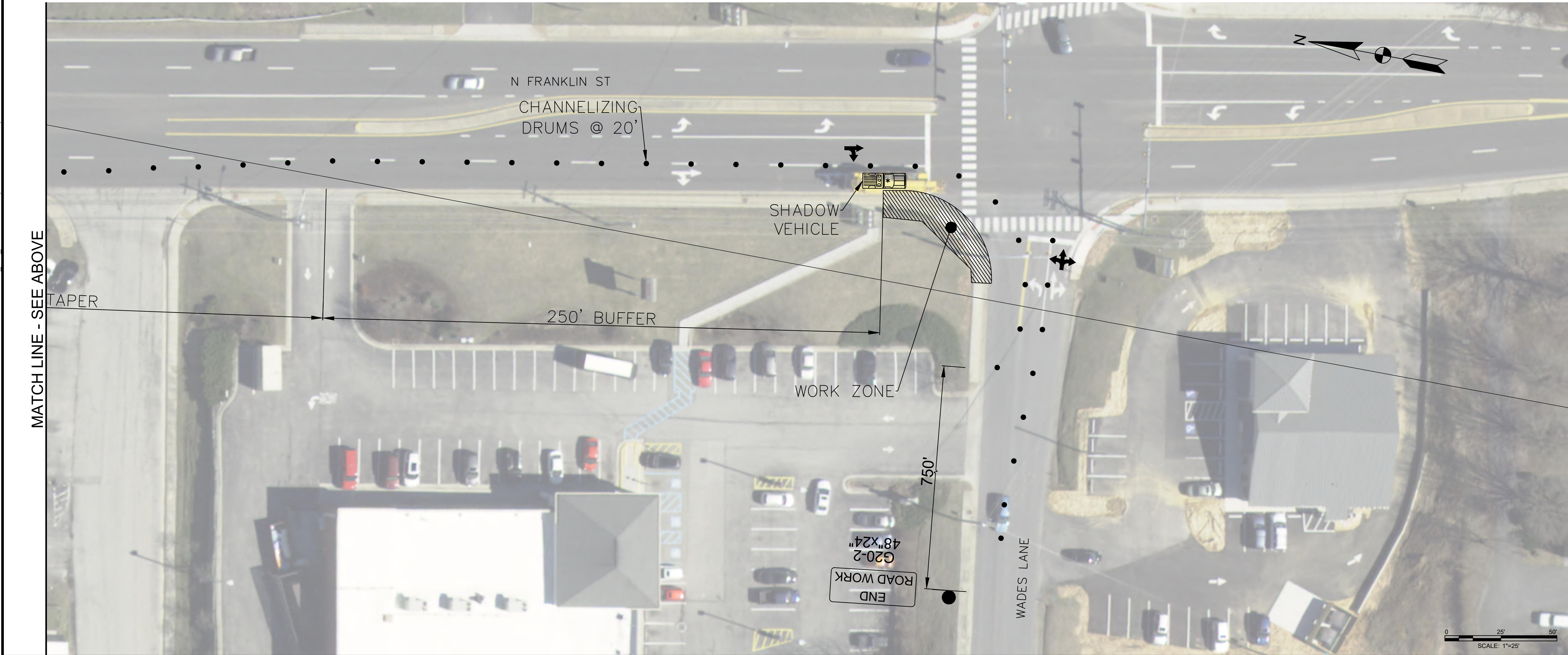
SHEET 17 OF 18



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MATCH LINE - SEE BELOW



MATCH LINE - SEE ABOVE

AMT
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AND WADES LANE
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STATE PROJECT NO.
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UPC 117997
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CHRISTIANSBURG, VA 24073
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MARK	DATE	DESCRIPTION
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60% PLANS (07-10-23)

PROJECT NO:	21-0598.001
SCALE:	1"=25'
DESIGNED BY:	CER
DRAWN BY:	WEM
CHECKED BY:	DEC

SHEET TITLE

TRAFFIC MANAGEMENT
PLAN NW CORNER

C9.6

SHEET 18 OF 18