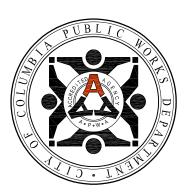


## City of Columbia, Missouri

## Department of Public Works



# LENOIR STREET IMPROVEMENTS

CITY PROJECT NUMBER: C00746

### GENERAL NOTES

- 1. All construction to be in accordance with "City of Columbia Street, Storm Drain and Sanitary Specifications" (Current edition)
- Known underground utilities are shown in their approximate locations. Other utilities may exist
- 3. All removal of driveway pavements should be verified by field engineer
- 4. All excavation to be in accordance with Sections 319.010—319.050, Revised Statutes of the State of Missouri. Such compliance shall not, however, excuse any person making any excavation from doing so in a careful and prudent manner, nor shall it excuse such person from liability for any damage or injury to underground utilities resulting from the excavation
- All disturbed earth areas shall be restored as per Section—203 Seeding & mulching and TS—4 Erosion Control
- Remove all pavement surfaces, inlets, pipes and sidewalks within the construction limits as per TS-2, except those noted to remain. The field inspector shall verify removal of all driveway pavement
- Removal of trees and bushes shall be verified by field inspectors. Exercise caution
  when working near the construction limits to minimize disturbance to adjacent
  trees and shrubs that are not being removed by construction activities
- 8. No open trenches will be allowed overnight outside of the "road closed" area. Asphaltic "cold mix" shall be used as a temporary patch overnight. Temporary patching shall be considered incidental to the work

#### CONTROL POINTS

_#_	NORTHING	EASTING	ELEVATION	DESCRIPTION
TP1	1117305.89	1701384.03	817.36	TP RE 3/8 RED CAP
TP2	1117808.21	1700888.43	795.42	TPPK
TP3	1117037.03	1701749.72	814.98	TPPK
TP4	1117138.76	1702023.78	811.95	TPPK

#### UTILITY COMPANIES:

TELEPHONE CenturyLink 625 Cherry Street Columbia, MO 65205 573-886-3505

NATURAL GAS Ameren Missouri 2001 Maguire Boulevard Columbia, MO 65201 573-876-3063

CABLE TELEVISION Mediacom 901 N. College Avenue Columbia, MO 65201 573-443-1536 ext 354

TELEPHONE/CABLE/FIBER OPTIC AT&T 7351 East ABC Lane Columboa, MO 65202 770-335-8244

LOCATES Missouri One Call Inc. 1022 B Northeast Drive Jefferson City, MO 65109 1-800-344-7483 WATER
City of Columbia
P.O. Box 6015
City Utilities
Columbia, MO 65205
573-874-2489

ELECTRIC City of Columbia P.O. Box 6015 City Utilities Columbia, MO 65205 573-874-2489

SANITARY SEWER City of Columbia P.O. Box 6015 City Utilities Columbia, MO 65205 573-874-2489

ELECTRIC (county)
Boone Electric Cooperative
1413 Range Line Street
Columbia, MO 65201
573-449-4181 ext 231

ELECTRIC (city)
Consolidated Electric
1500 North 7th Street
Columbia, MO 65201
573-449-0374

INDEX OF SHEETS	
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Erosion Control Plan & Details	18
Traffic Control Plan	19

#### LEGEND OF SYMBOLS

POWER POLE

POWER POLE	-0-
TELEPHONE POLE	•
GUY ANCHOR	· <del></del> -
GUY POLE	<del></del>
STREET LIGHT POLE	¤
YARD LIGHT (SOLAR)	<b>x</b>
WATER METER	$\Box$
GAS METER	<u>o</u>
GAS VALVE	101
WATER VALVE	M
FIRE HYDRANT	♦ F.H.
PIPE BREAKLINE	$\sim$
SANITARY MANHOLE	
SANITARY CLEANOUT	<b>ø</b> c.o.
SANITARY LATERAL CLEANOUT	⊙ C.O.
TRAVERSE POINT	<b>△</b> T.P.
MoDOT ROW MARKER	<u> </u>
BENCHMARK	<b>⊕</b>
SIGN	<b>↓</b>
MAIL BOX	
PROPERTY IRON	O <sup>IP</sup> or O <sup>RE</sup> or O <sup>RO</sup>
BUSH	
STUMP	₩ STUMP
TREE REMOVAL	8 <b>Y</b> \
TREE	DECIDUOUS CONIFER
TREE LINE	7/ 05/11/21/
SILT FENCE/TREE PROTECT	
EXISTING PUBLIC SANITARY SEWER	SAN
EXISTING SANITARY SEWER LATERAL	LAT LAT LAT
EXISTING SANITARY SEWER TO BE ABANDONED	
PROPOSED SEWER MAIN AND LATERALS	,,,,,,,,,,,, <del>,,,</del> ,,,,,,,,,,,,,,,,,,,,,
FENCE	xxxxx
CABLE TELEVISION	orutv
TELEPHONE	or
ELECTRIC	or
TELEPHONE OR ELECTRIC MANHOLE	T or E
WATER MAIN	
GAS MAIN	
FIBER OPTIC	FO
FLOW LINE	
PROPERTY LINE	
LOT LINE	
EXISTING RIGHT OF WAY LINE	EXIST. ROW
EXISTING EASEMENT	
PERMANANT UTILITY EASEMENT	PUE
PROPOSED SANITARY SEWER EASEMENT	PSSE
PROPOSED PERMANENT DRAINAGE EASEMENT	PDE
PROPOSED RIGHT OF WAY	PSE
TEMPORARY ACCESS EASEMENT	TẠE
TEMPORARY CONSTRUCTION EASEMENT	TCE
GRADING LIMIT	-0
GRADING LIMIT	

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Date	e: 6-1-:	2020	Chk.	A.A.A.	1 - 13	Engineer E-24212

Approved By

Director of Public Works

Date

:\caddproj\street\lenoir street\design\lenoir connection ba

				REMOVA	LS			
SHEET NO.	STATION TO STATION	LOCATION	SAWCUT EXISTING PAVEMENT LF	PAVEMENT REMOVAL SY	SIDEWALK REMOVAL SY	COLD MILL SY	TREE REMOVAL	INLET REMOVAL EA
	TOTALS							

					STREET	LIGHTING				
SHEET NO.	HAND HOLE / LIGHT POLE #	LOCATION	2" PVC CONDUIT/ FITTINGS LF	#6 CU THWN CONDUCTORS LF	#10 CU THWN CONDUCTORS LF	30' LIGHT POLE/ARM/ FOUNDATION COMPLETE EA	LED LUMINAIRE COMPLETE EA	EXISTING LIGHT POLE RELOCATION EA	SECONDARY HANDHOLE/FOUND— ATION COMPLETE EA	EXISTING LIGHT POLE RELOCATION ON SCOTTSON EA
	TOTALS									

\* REUSE AS PRACTICAL

				PAVFMF	NT & SIDI	FWAI K				
SHEET NO.	STATION TO STATION	LOCATION	4" TYPE 1 AGG. BASE SY		1 ¾" ASPH. OVERLAY (SP-125) SY		6" PCC SIDEWALK WITH INTEGRAL CURB SF	DETECTABLE WARNING DOMES SF	TACK COAT GAL	PATCH EXIST. PVMT. LF
	TOTALS									

6" PCC DEWALK WITH EGRAL CURB SF	DETECTABLE WARNING DOMES SF	TACK COAT GAL	PATCH EXIST. PVMT. LF

		PERMA	NENT PAVEM	IENT N	//ARKIN	IGS	
SHEET NO.	STATION TO	STATION	LOCATION	4" DASHED WHITE LF	4" SOLID WHITE LF	4" INTERMITTENT YELLOW LF	4" SOLID YELLOW LF
		TOTALS					

	EROSION CONTR	OL
SHEET NO.	ITEMS	QUANTITY
	SILT FENCE (LF)	
	GUTTER BUDDIES (EA)	
	INLET SILT BARRIER (EA)	
	TREE PROTECTION (EA)	

	STORM DRAINAGE										
SHEET NO.	STATION TO STATION	LOCATION	LINE NAME	6'X3' TYPE M INLET EA	8'X3' TYPE M INLET EA	10'X3' TYPE M INLET EA	3'X3' J.B EA	4'X4' J.B EA	15" RCP OR HP PIPE LF	18" RCP OR HP PIPE LF	21" RCP OR HP PIPE LF
	TOTALS										

UTILITIES	
ITEMS	QUANTITY
INSTALL AND ADJUST HEIGHTS FOR WATER VALVE BOX (EA)	6

CLEARING AND GRUBBING 1 LUMP SUM

MOBILIZATION 1 LUMP SUM

CONSTRUCTION STAKING 1 LUMP SUM

FILL PIPE WITH SLURRY OR SAND 1 LUMP SUM

TRAFFIC CONTROL 1 LUMP SUM

**EXCAVATION** 3,850 CY

SEEDING AND MULCHING 1 LUMP SUM

EXISTING ROADWAY SIGNAGE RELOCATION 1 LUMP SUM

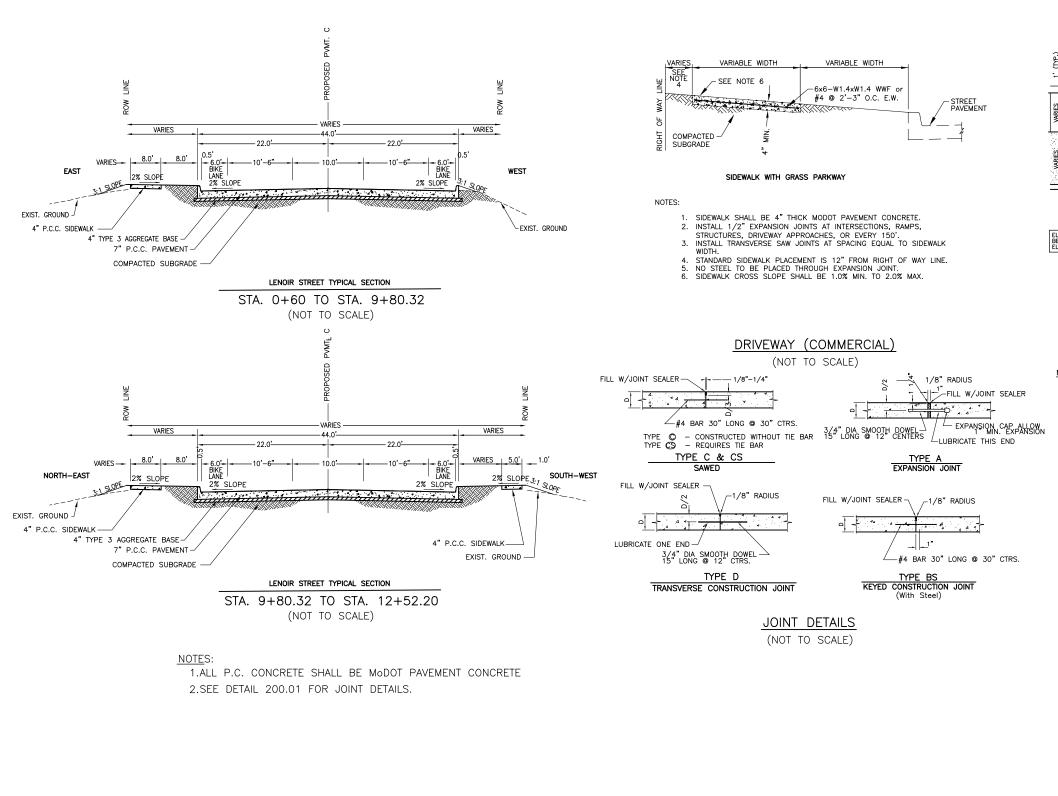
LENOIR STREET IMPROVEMENTS
Summary of Quantities

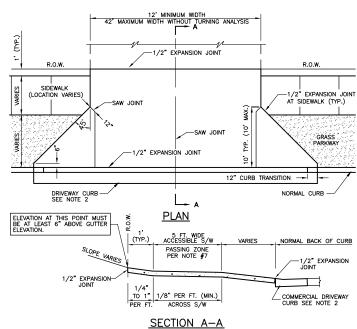
City of Columbia, Missouri Department of Public Works

David Allen Nichols Registered Professional Engineer E-24212

File No. C00746 Scale: As Shown Date: 6-1-2020 A.N.H. Des. T.L.W. A.A.A

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- DRIVEWAY APPROACH SHALL BE 7" THICK MODOT PAVEMENT CONCRETE. REPLACE STANDARD CURB & GUTTER SECTION WITH DRIVEWAY CURB SECTION. SEE DETAIL 400.03.

- SEE DETAIL 400.03.

  EXPANSION JOINT SHALL BE 1/2" PREFORMED CORK OR BITUMINOUS EXPANSION JOINT MATERIAL.

  ALL DRIVEWAY APPROACHES SHALL SLOPE TOWARD THE STREET.

  ALL DRIVEWAY APPROACHES SHALL BE CONSTRUCTED TO ACCOMMODATE SIDEWALKS. (EXISTING AND FUTURE) STANDARD SIDEWALK LOCATION IS 1 FOOT OFF OF RIGHT OF WAY LINE.
- OFF OF RIGHT OF WAY LINE.

  DRIVEWAY APPROACH SHALL PROVIDE A MINIMUM 5' WIDE ACCESSIBLE SIDEWALK

  PASSING ZONE.

  DRIVEWAY SLOPE ACROSS ACCESSIBLE SIDEWALK PASSING ZONE IS 1/8" PER FT.

  CROSS SLOPE SHALL NOT EXCEED 2.00%.

  MINIMIZE SIDEWALK WARPING ADJACENT TO DRIVEWAY APPROACH.
- GRENSPACE SLOPE WITHIN RICHT OF WAY SHALL NOT EXCEED 3/4" PER FOOT.
   DRIVEWAY MAY BE REINFORCED AT OWNER'S OPTION. ON CITY BID PROJECTS DO
- NOT REINFORCE.

  11. MEASURE FROM TOP OF CURB.

STREET IMPROVEMENT
Typical Sections & Details ENOIR

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Public Works

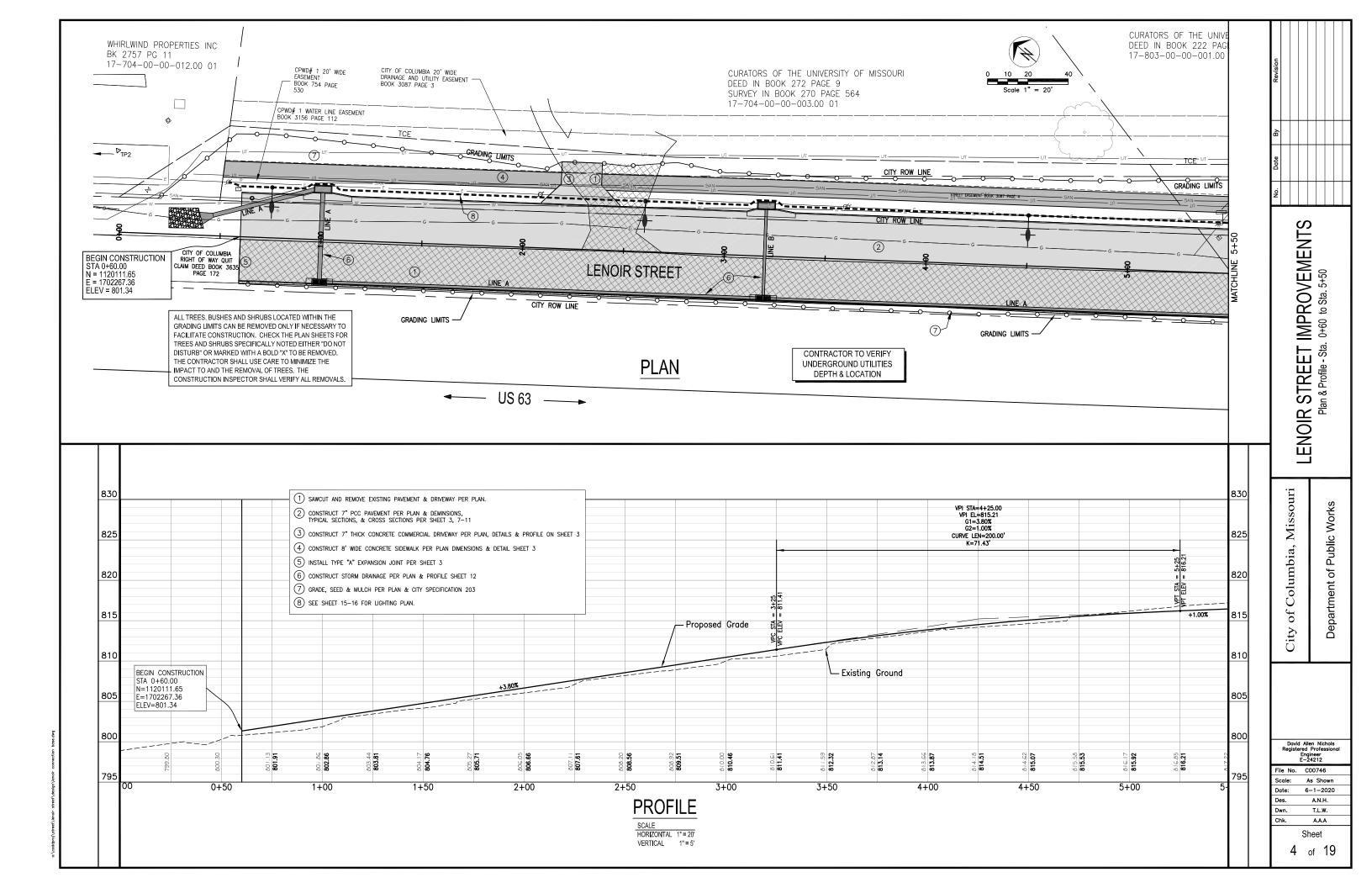
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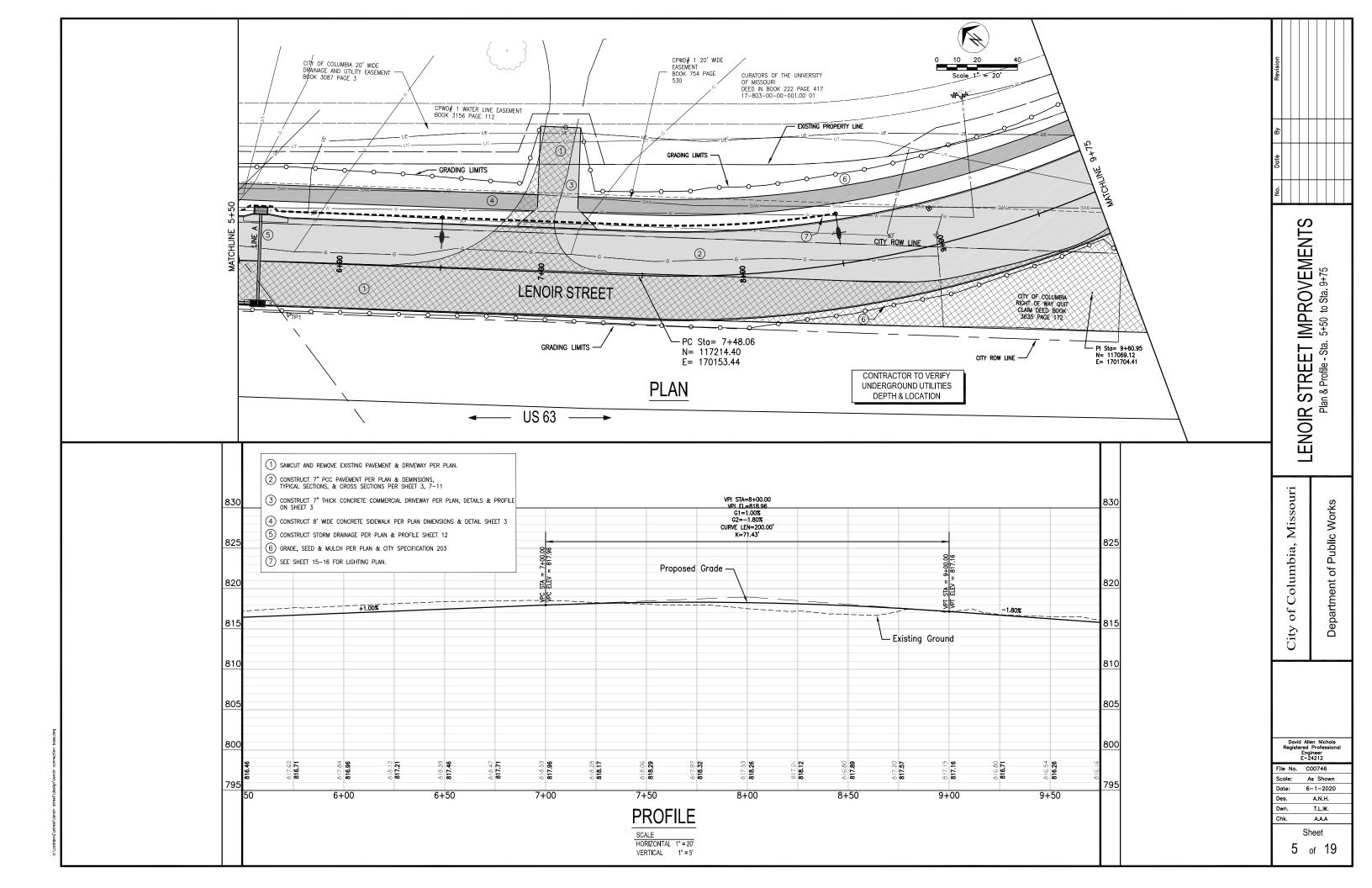
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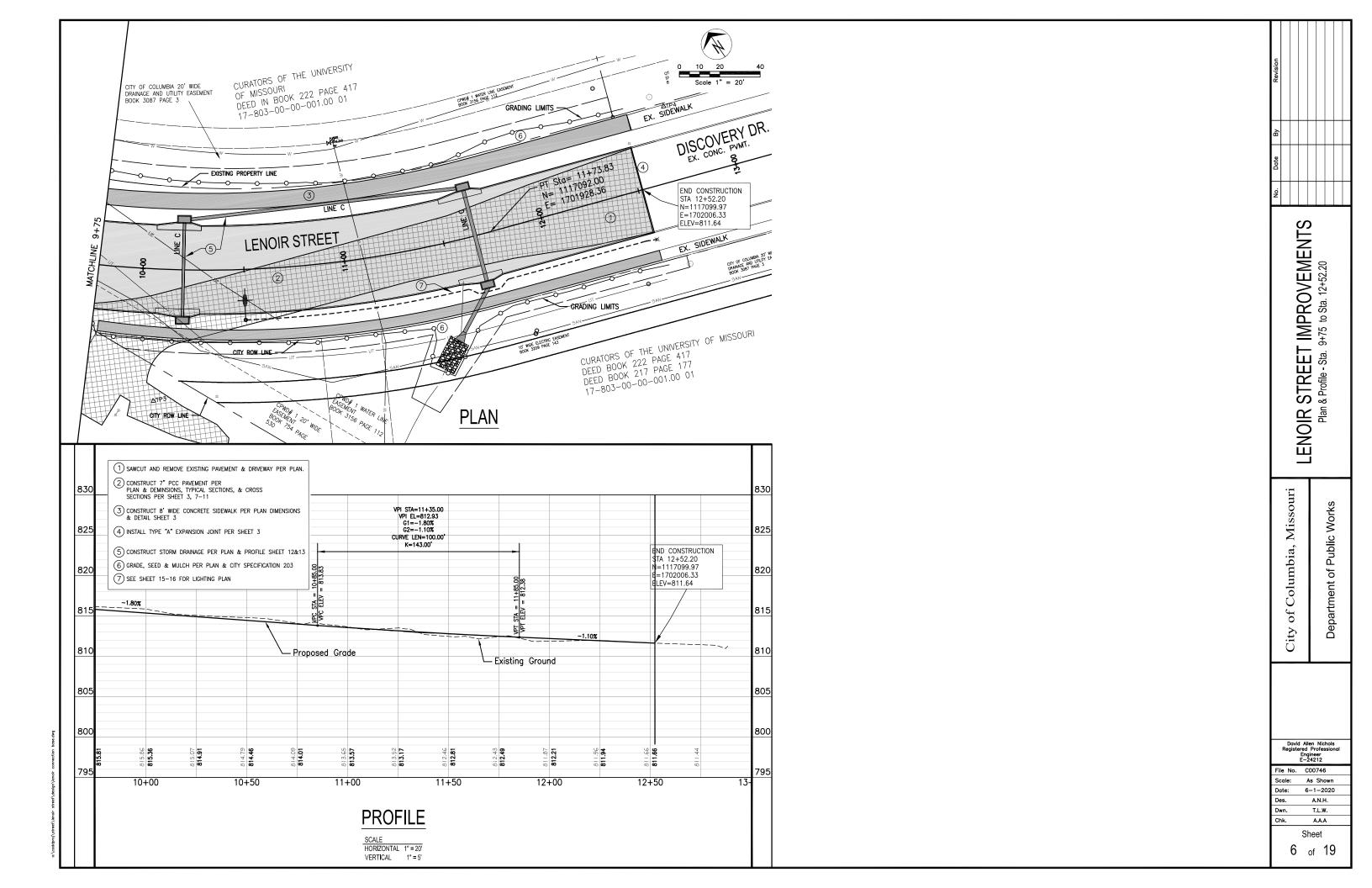
Engineer E-24212

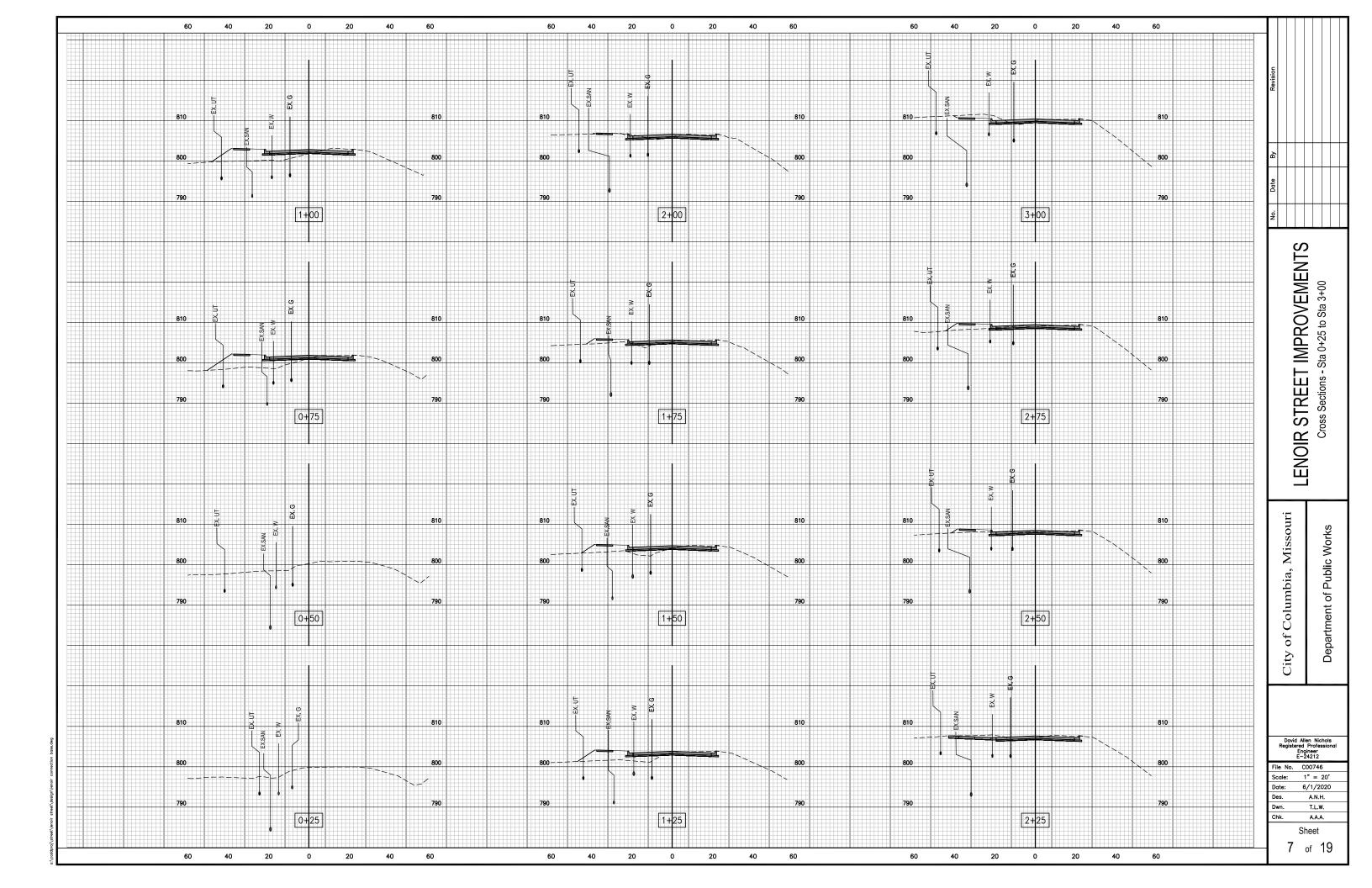
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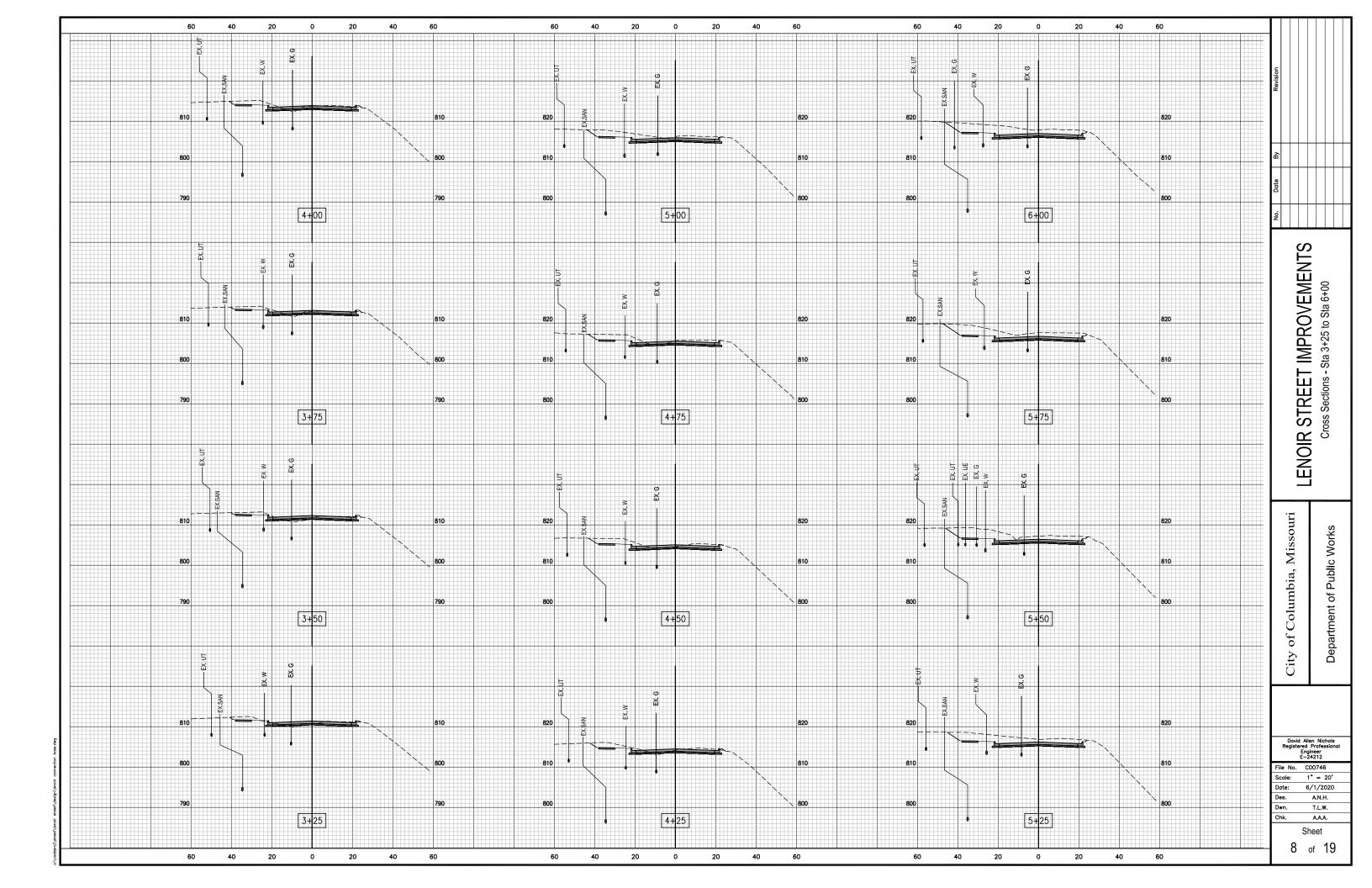
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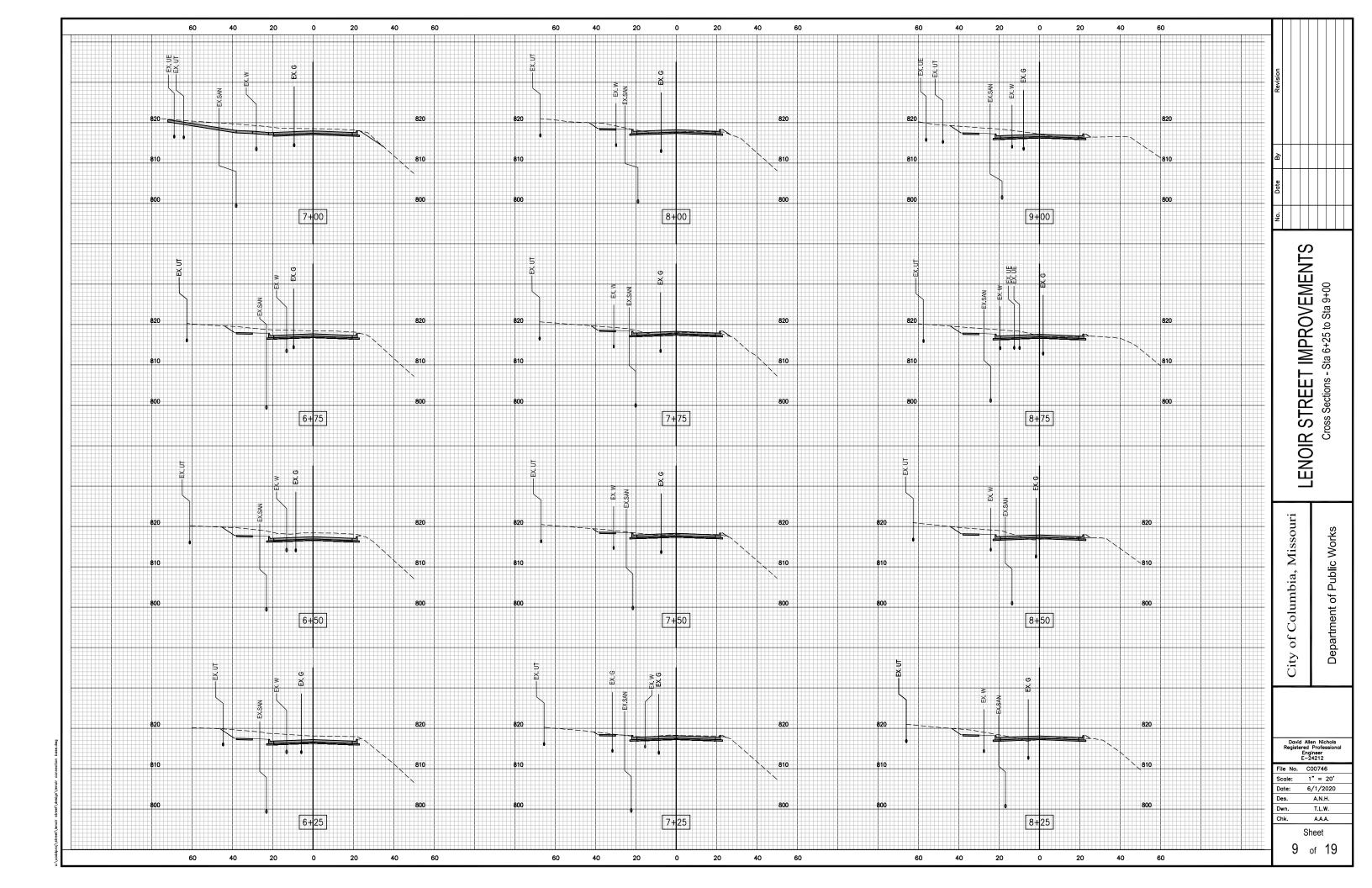


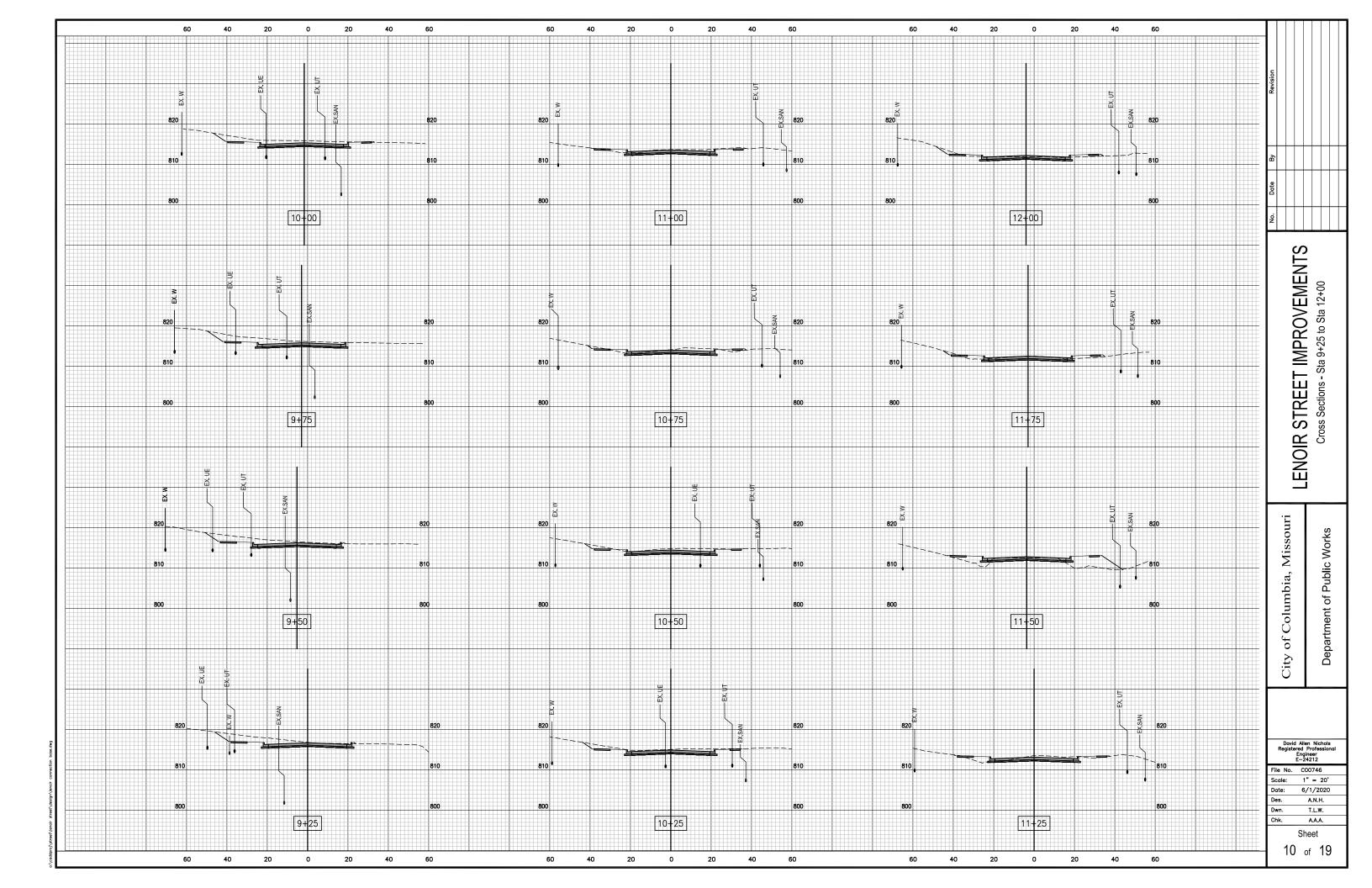


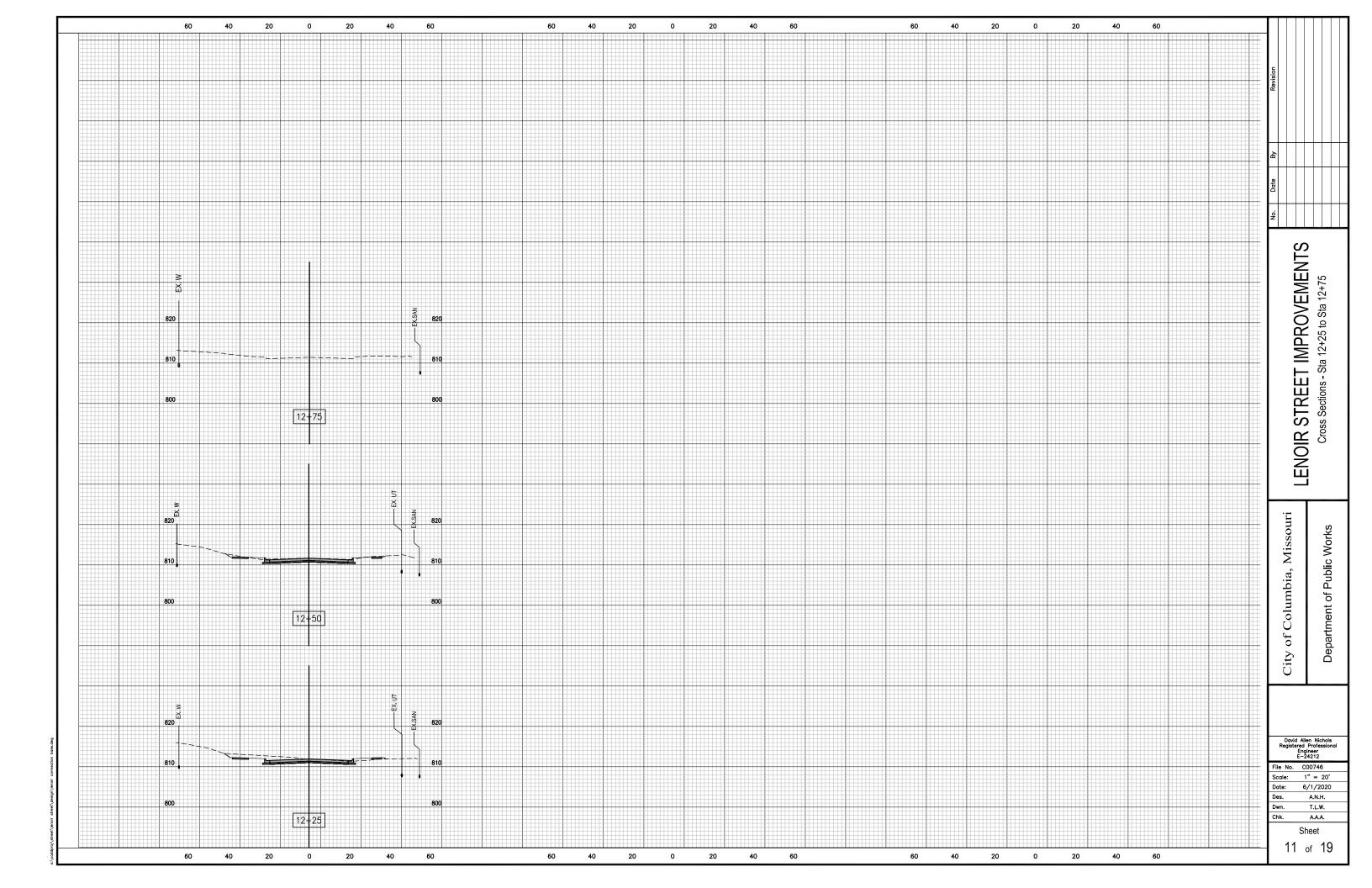


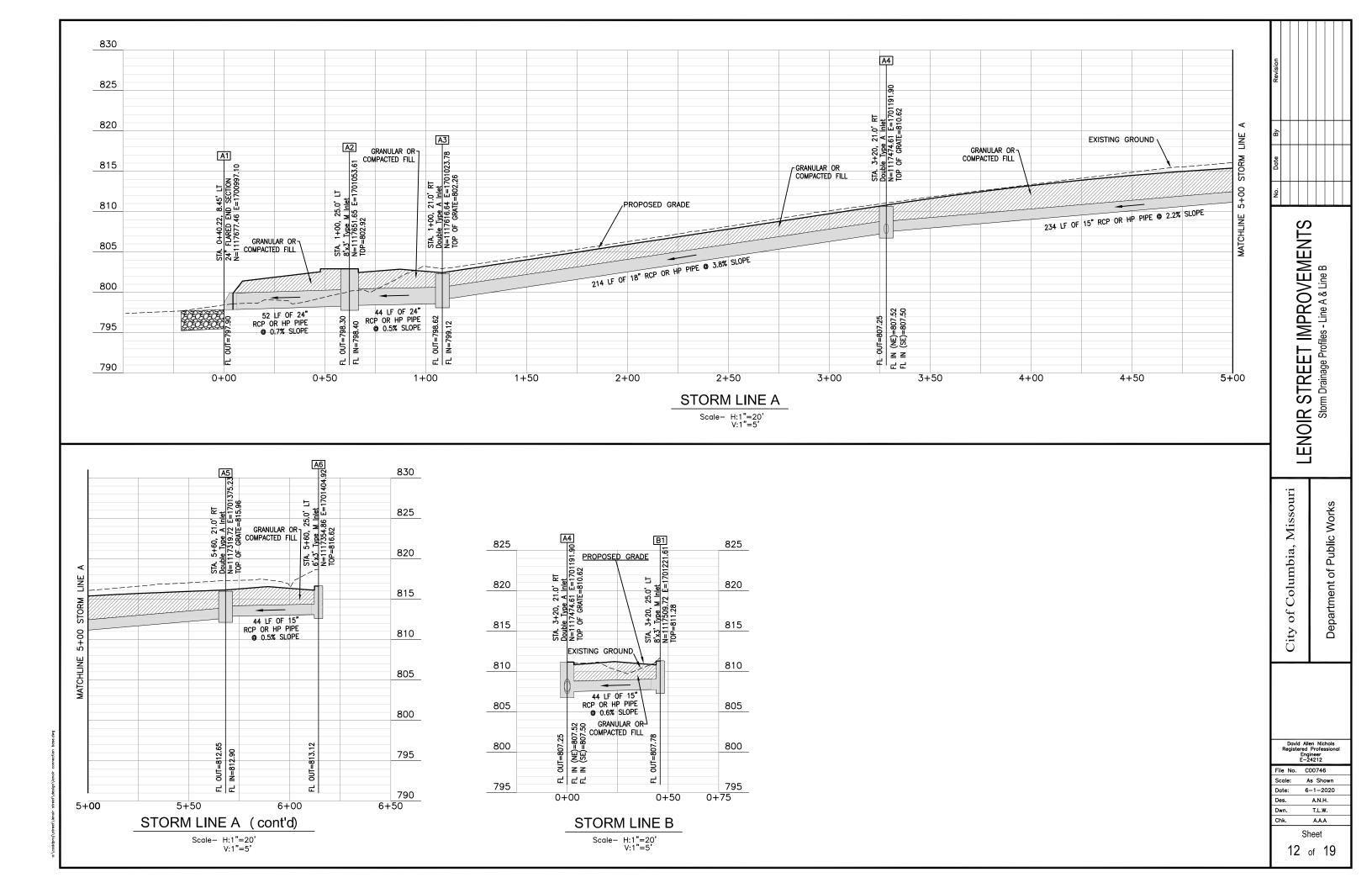


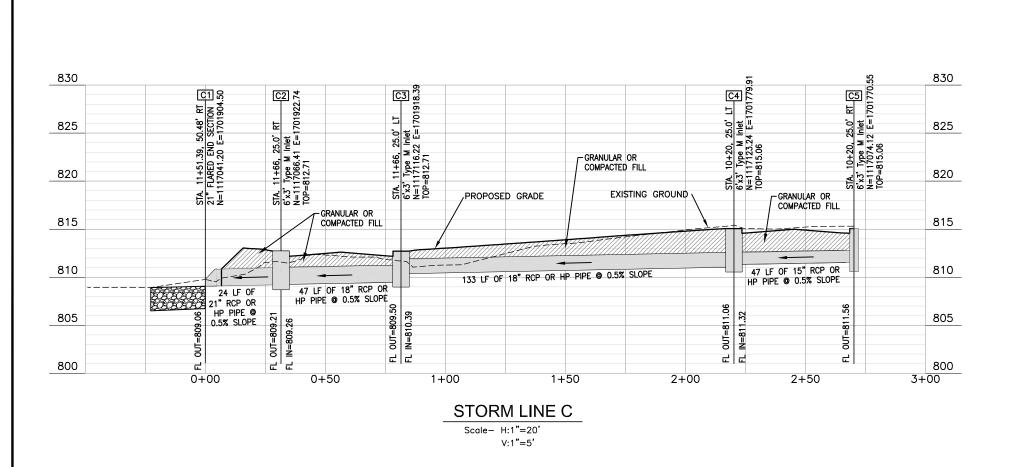












LENOIR STREET IMPROVEMENTS
Storm Drainage Profiles - Line C

City of Columbia, Missouri
Department of Public Works

David Allen Nichols Registered Professional Engineer E-24212

 File No.
 C00746

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 As Shown

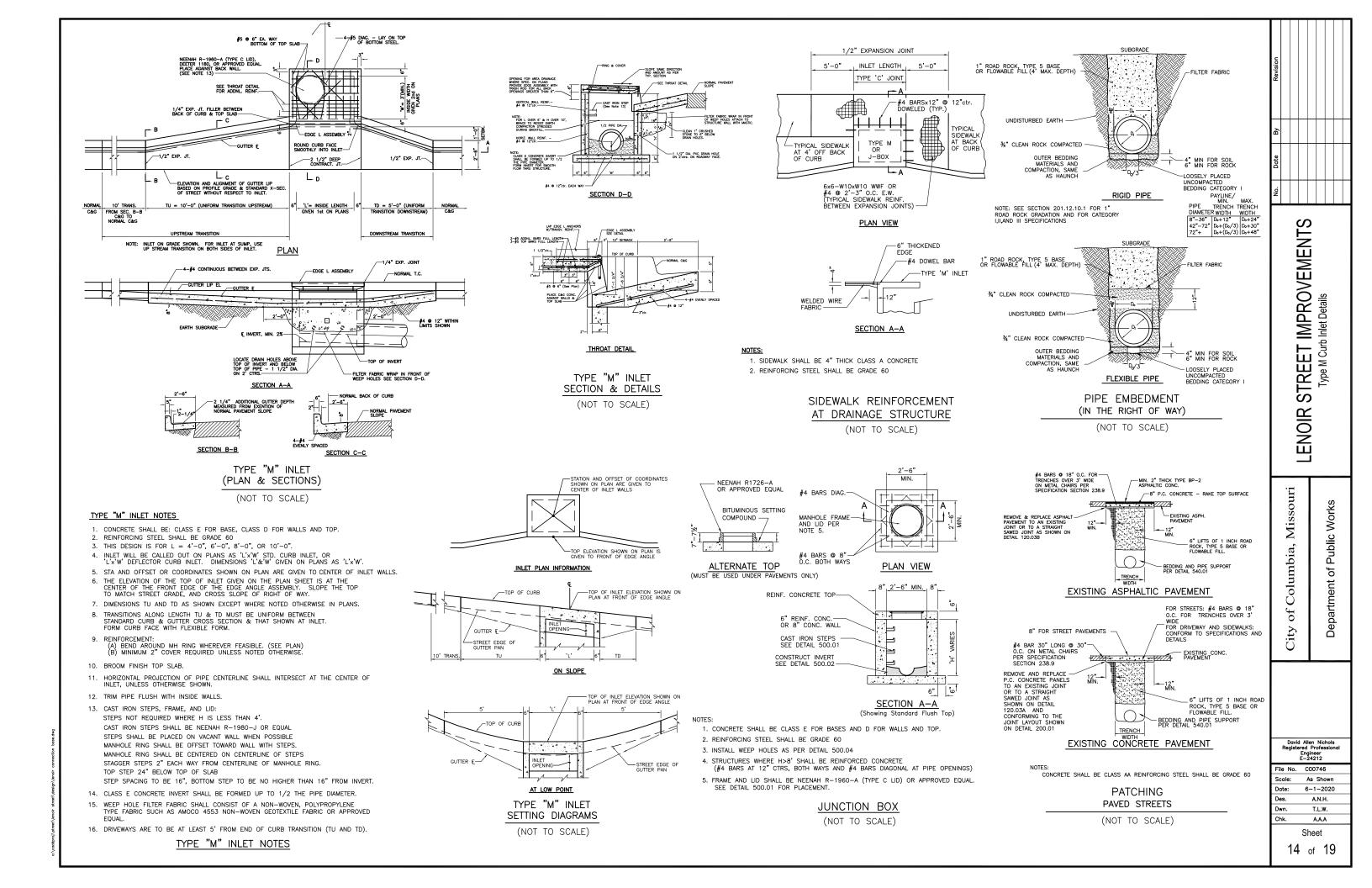
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#### Legend

→ 36' Mounting Height — 113 Watt LED Fixture

- UGSL- 2" Conduit, 24" Cover

Coordinate with City W&L for Relocating Street Light Poles and for Connecting Street Light Circuits. Contact Person: Kevin Thornton (573-874-6208)

STREET LIGHT POLE SCHEDULE							
POLE#	NORTHING	EASTING	POLE & BRACKET ARM	LUMINAIRE	FOUNDATION		
P1	1117667.86	1701034.43	30' POLE, 6' ARM	113 W LED	L6/L8 SCREW IN BASE		
P2	1117548.47	1701175.75	30' POLE, 6' ARM	113 W LED	L6/L8 SCREW IN BASE		
P3	1117425.85	1701320.89	30' POLE, 6' ARM	113 W LED	L6/L8 SCREW IN BASE		
P4	1117296.78	1701473.67	30' POLE, 6' ARM	113 W LED	L6/L8 SCREW IN BASE		
P5	1117178.31	1701628.32	30' POLE, 6' ARM	113 W LED	L6/L8 SCREW IN BASE		
P6	1117069.07	1701801.55	30' POLE, 6' ARM	113 W LED	L6/L8 SCREW IN BASE		

\* NOTE: L8 POURED CONCRETE BASE IS ACCEPTABLE FOUNDATION ALTERNATE.

CW&L INSPECTIONS:
THE CONTRACTOR SHALL NOTIFY THE CITY'S ENGINEER OR HIS AIDES FOR THE AVAILABILITY OF AN INSPECTOR A MINIMUM OF TWO WORKING DAYS BEFORE COMMENCING WORK. MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. SHALL CONSTITUTE A TYPICAL WORK WEEK. ANY WORK OUTSIDE THESE HOURS REQUIRES THE APPROVAL OF THE CITY'S ENGINEER OR INSPECTOR. A MINIMUM OF TWO DAYS NOTICE WILL BE REQUIRED WHEN REQUESTING INSPECTION SERVICES OUTSIDE OF NORMAL WORKING HOURS.

CONTACT PERSON: KENNY EADS (573–864–4720)

#### General Notes:

- Install 30 ft galvanized steel light standard w/6 ft truss arm (5' rise) on new screw in street light foundation with break-away base, as staked. Install NAVION '4-square' 113 watt, LED luminaire and wire for 208 volt operation with photocell. Fuse w/ two limitron KTK-3 fuses. Run two #10 AWG solid Cu 600V conductors from fuse blocks up to luminaire. Note: 30' poles, 5' rise in truss arm & break-away base will be result in (nominal) 36' luminaire mounting
- 2. Intercept and redirect existing underground secondary/street light circuit (s) into new secondary handhole. Verify and match as 3#6, Al, 600 volt & 1#6
- 3. Remove existing cable (if direct bury, cut off exposed ends). Remove all exposed conduit. Remove or abandon-in place all conduit as appropriate.

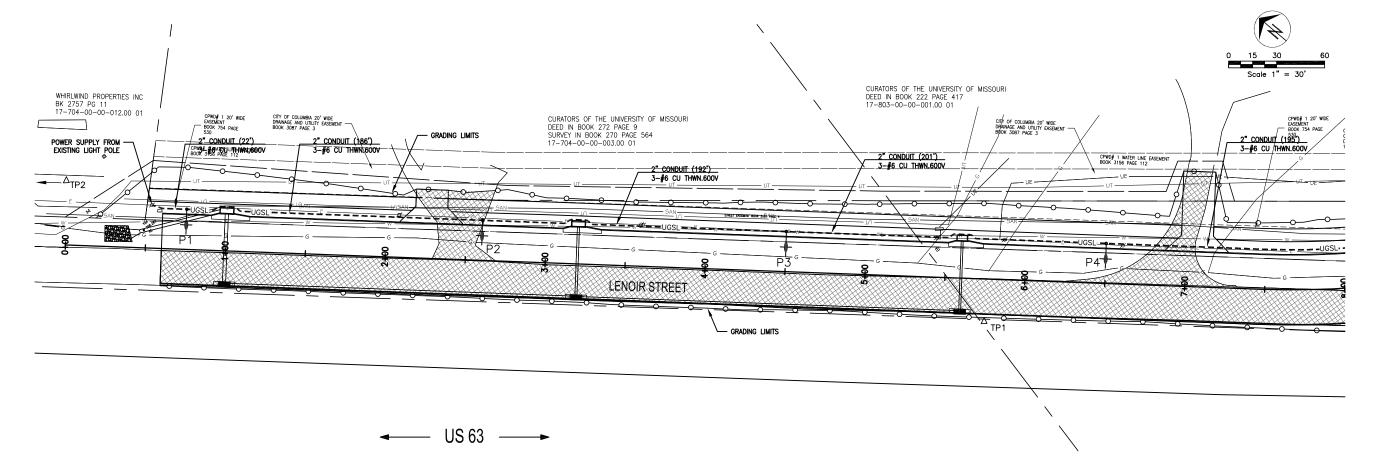
#### Lighting Notes:

- 1. Contractor is Responsible for Coordinating with the Local Utility to Energize the Street Lighting System and for Ensuring that Installation at meter pedestal with Utility Requirements. Any Additional Materials and Labor needed to Conform to Utility Installation
- Requirements are considered Included Subsidiary to the Roundabout Lighting System.
- 2. All Lighting Work and Materials shall be in Conformance with MoDOT Specifications and Standard Details for Highway Lighting.
- 3. Pull Boxes (Hand Holes) shall be installed level with curb, sidewalk or surrounding grade.
- 4. Cables shall be continuous and un-spliced between Light Poles unless indicated otherwise. Splicing of Power Cables in the Transformer Base shall be done in accordance with CW&L Standards.
- 5. All Conduit Raceways are 2" PVC, Schedule 40 electrical grade unless otherwise noted on the Plans. Conduits shall have a minimum 24" cover.
- Contractor shall run street light conduits in the same ditch with other electrical, telephone, CATV, etc. utility conduits insofar as practical. Contractor shall coordinate his work with the adjacent site contractor and other utilities. Call (573) 874-6202 for inspection before backfilling trench.
- 6. Distribution System shall be grounded as required by MoDOT Specifications and Standard Details.
- 7. Luminaires shall be 113 Watt LED [NEMA twist lock photocell, nominal TYPE II distribution, 10 kA Surge Protection; COOPER NAVION NVN
- # AF-02-E-U-SL2-10K-7030-4-AP or approved equal]. See Specification for LED Roadway Lighting Fixtures.
- 8. All Poles shall 30 feet steel. Poles shall be mounted on L6 Screw-in base (or contractor's choice to use L8 poured concrete base). Installation shall incorporate a MoDOT break-away based with (2) LIMITRON KTK\_3-amp, 600 volt fuses, in BUCHANNON #82S-ADB1 (or equal) loop feed fuse holders.

  Arms shall be 6' up sweep steel truss arms. ALL PARTS OF POLE, BRACKET, LIGHT FIXTURE, ETC. TO HAVE AT LEAST 7'6" CLEARANCE TO ANY PRIMARY CONDUCTORS.

#### LED Roadway Lighting Fixtures:

- 1. Design Fixture & Manufacturer: COOPER NAVION NVN # AF-02-E-U-SL2-10K-7030-4-AP; or approved equal.
- 2. Light Output: Light source to have correlated color temperature 3000K with 70 CRI minimum. Fixture to have Type II Roadway distribution (with "HOUSE-SIDE-SHELD" function designed into the distribution pattern); including 0% UPLIGHT, and minimal backlight. Provide fixture having BUG rating of B1-UO-G3 or better. Photometric and lumen maintenance data to be determined per LM-79, LM-80 & TM-21. Lumen maintenance at 60,000 hours to be at least 70% (based on a 45 deg C ambient).
- 3. Electrical: Provide IEEE/ANSI C62.41 Category C (10kV/5kA) minimum level of surge protection. Provide a NEMA photo-control receptacle. The fixture shall not produce objectionable EMI interference. Electrical design life of the LED light engines shall be at least 100,000 hours at minimum 40 deg C operation. Electronic driver rated design life shall be at least 100,000 hours at minimum 25 deg C ambient. Provide screw terminals for supply leads compatible with aluminum and copper conductors through at least # 10 AWG.
- 4. Operating Voltage: All fixtures provided shall be suitable for multi-volt (100-120, 208. 240 & 277) operation.
- 5. Mounting and Housing: The fixture shall be suitable for use with 1 -1/4" & 2" pipe sizes (1 5/8" & 2-3/8" OD). Allow for +5 deg to -5 deg leveling adjustment (in steps no larger than 2.5 deg, if not continuously adjustable throughout the + / - 5 deg range). Fixture to have discast aluminum housing with minimum 2 G vibration rating per relevant parts of ASNI C136. Total weight not to exceed 30 pounds. Provide fixture with gray corrosion resistant finish.
- 6. Warranty: Provide minimum 5 years warranty including the LED arrays, the LED optics, the LED drivers, integral control devices and fixture finish for use in all weather conditions and exposure.
- 7. Codes and Standards: All equipment provided shall conform to the latest applicable standards of ANSI, IEEE, NEC, NEMA, NESC and Compliance with relevant sections of ANSI C 136 is required.
- 8. Bidders shall submit with their bids, complete information to clearly indicate and describe the light fixture they propose and their characteristics. Information submitted shall contain complete mechanical data including dimensions, weight, and light output (distribution & lumen maintenance) including electronic copy of the relevant "IES" files.



IMPROVEMENT REET STF ENOIR

> of Public Works Department

Missouri

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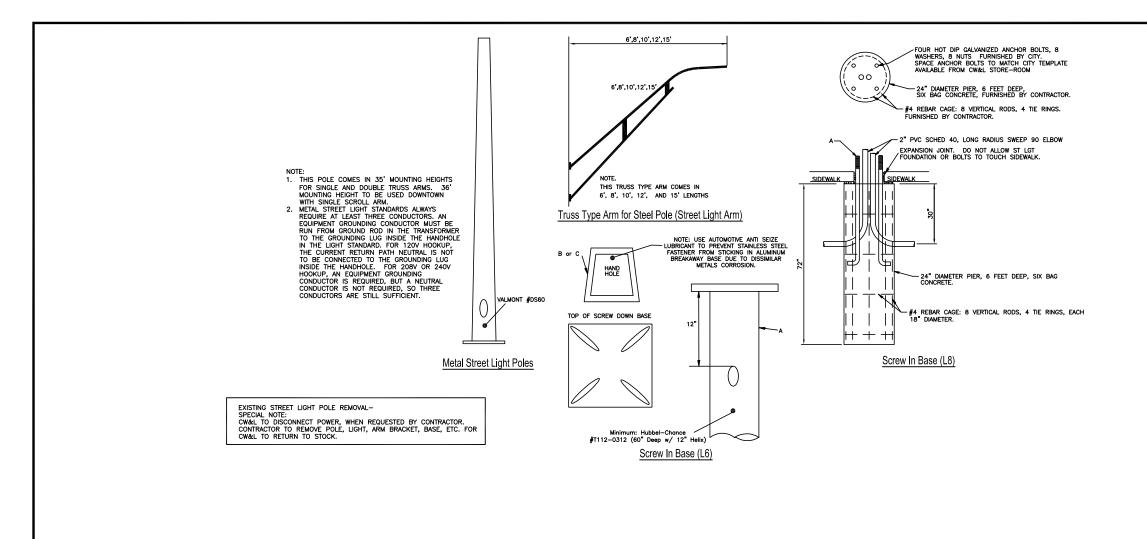
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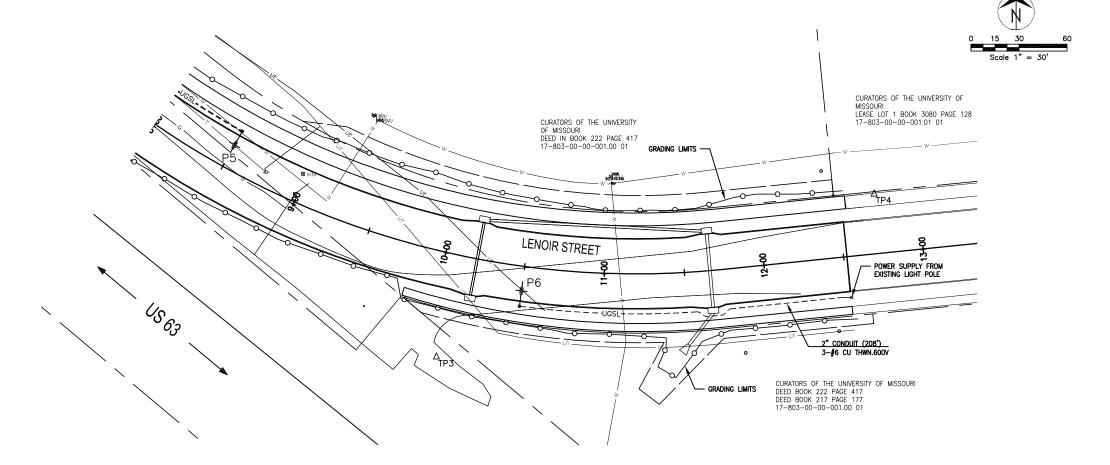
City

David Allen Nichols Engineer E-24212 File No. C00746

Scale: As Shown Date: 6-1-2020 A.N.H. T.L.W. Dwn. Chk A.A.A

> Sheet 15 of 19





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LENOIR STREET IMPROVEMENTS
Lighting Plan & Details

Department of Public Works

of Columbia, Missouri

City

David Allen Nichols Registered Professional Engineer E-24212 File No. C00746

File No. C00746

Scale: As Shown

Date: 6-1-2020

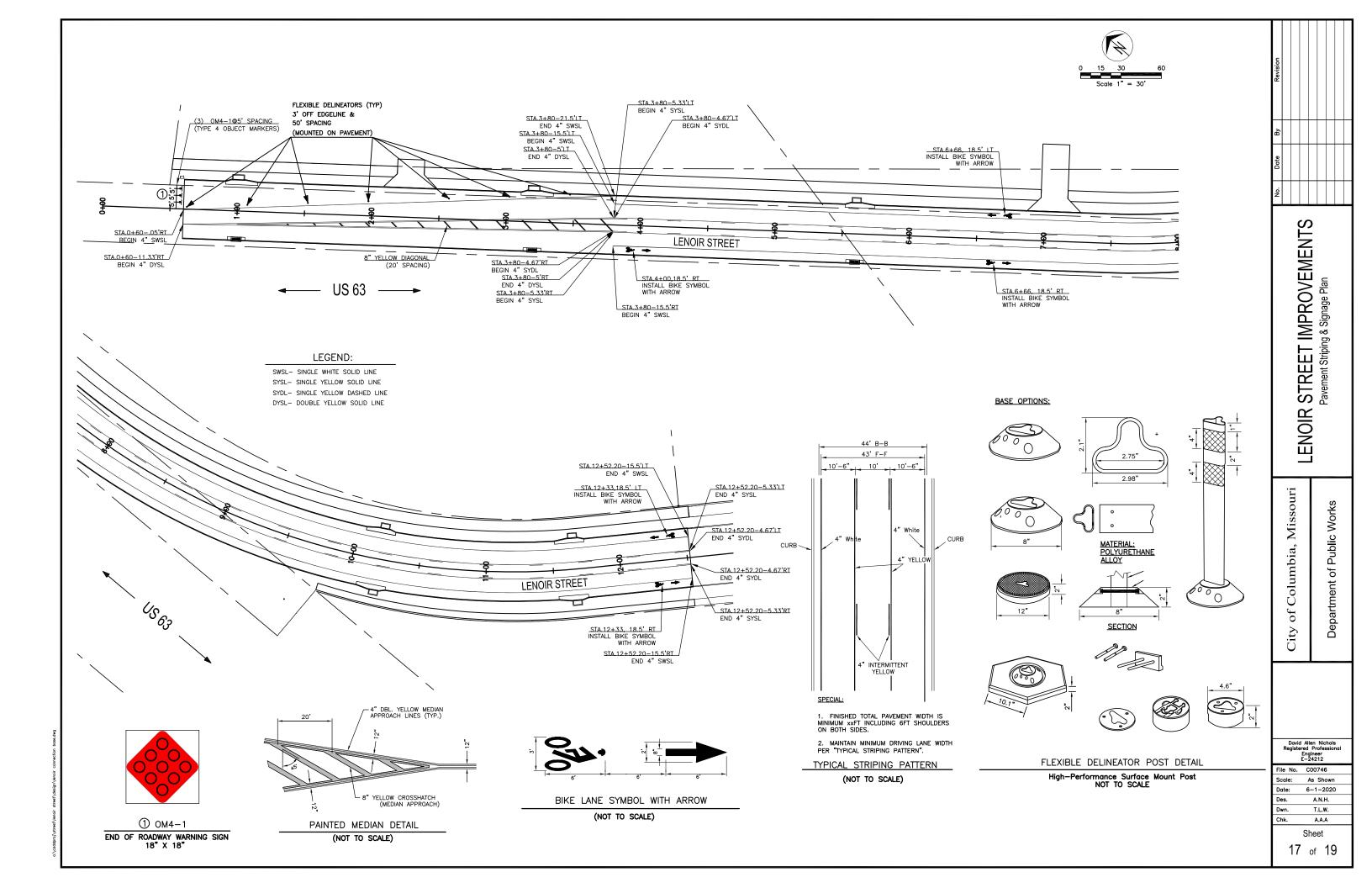
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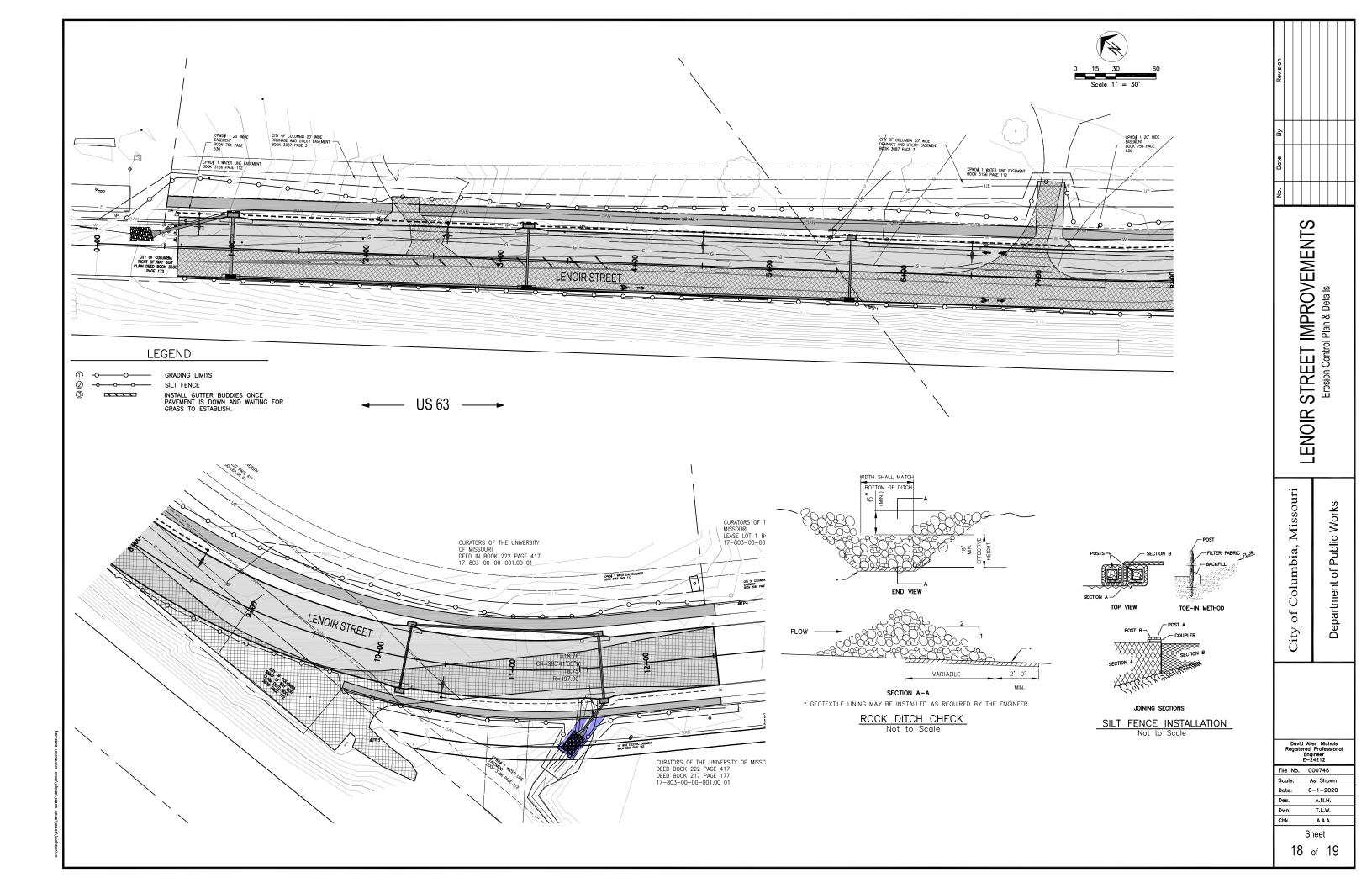
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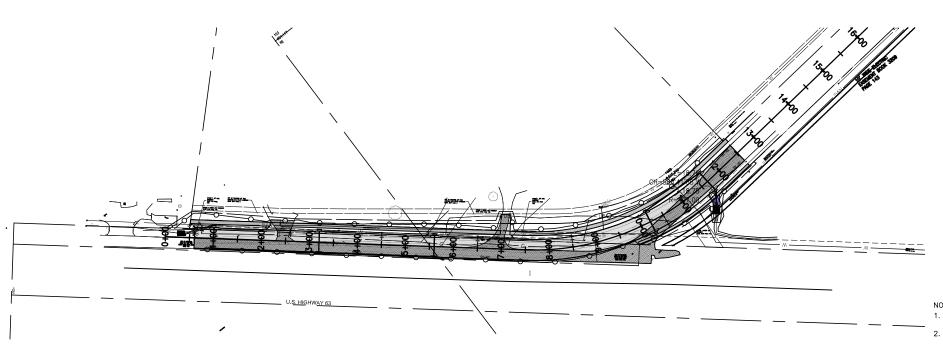
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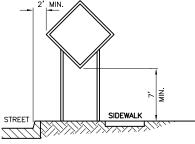
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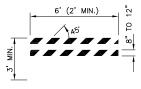


### CURB & GUTTER MOUNTING

NOTE: SUPPORT POSTS SHALL NOT EXTEND ABOVE SIGN UNLESS DISTANCE PLAQUE OR WARNING LIGHTS ARE SPECIFIED.

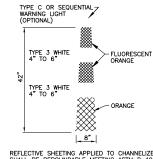
#### SIGN MOUNTING (NOT TO SCALE)

6' (2' MIN.) 2 145



- 1. NOMINAL LUMBER DIMENSIONS ARE SATISFACTORY FOR BARRICADE RAIL WIDTH DIMENSIONS.
- 2. RAIL STRIPE WIDTHS SHALL BE 6", EXCEPT THAT 4"
  WIDE STRIPES MAY BE USED IF RAIL LENGTHS ARE
  LESS THAN 36". THE SIDES OF BARRICADES FACING
  TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
- 3. STRIPES ON BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION ROAD USERS ARE TO PASS.

#### TYPE II BARRICADE (NOT TO SCALE)

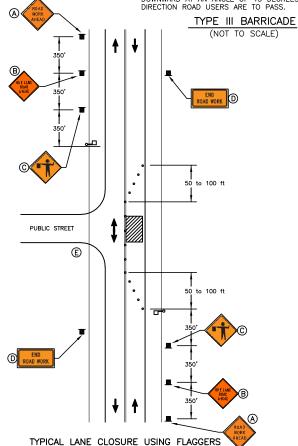


#### TRIM LINE CHANNELIZER

(NOT TO SCALE)

12' (4' MIN.) - WARNING LIGHTS-

- NOMINAL LUMBER DIMENSIONS ARE SATISFACTORY FOR BARRICADE RAIL WIDTH DIMENSIONS.
- 2. RAIL STRIPE WIDTHS SHALL BE 6". THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.
- 3. ALL TYPE III BARRICADES SHALL HAVE TWO TYPE B WARNING LIGHTS.
- 4. STRIPES ON BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE



#### **GENERAL NOTES:**

- ALL TRAFFIC CONTROL DEVICES SHOWN ON PLAN SHOULD BE IN PLACE
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES IN THE CONSTRUCTION ZONE TO THE MAXIMUM EXTENT PRACTICABLE.
- ALL BARRICADES, SIGNS, OTHER TRAFFIC CONTROL DEVICES AND PLACEMENT THEREOF SHALL CONFORM TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL OPEN TRENCHES SHALL BE BARRICADED WITH CONSTRUCTION FENCING TO PROTECT MOTORISTS AND PEDESTRIANS.
- TRIM-LINE CHANNELIZERS SHALL BE USED AS CHANNELIZATION DEVICES WHEN WORKING ADJACENT TO THROUGH TRAFFIC TO PROTECT MOTORISTS.
- SIGNING SHOWN AS MINIMUM REQUIREMENTS FOR ADJACENT ROADWAYS PRIOR TO IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL SIGNING, MARKING OR DELINEATORS FOR SITE SPECIFIC CONSTRUCTION PHASING TO COMPLY WITH MUTCD GUIDELINES.
- TRUCK BARRICADE WITH FLASHING LIGHTS AND/OR ARROW BOARD MAY BE REQUIRED AS DIRECTED BY MODOT AND/OR THE CITY OF COLUMBIA.
- ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED
- ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL COORDINATE WITH THE CITY LIGHT DEPARTMENT FOR EXISTING LIGHT POLES REMOVALS.
- FULL ROAD CLOSURES SHALL BE COMPLETED AT NIGHT WITH APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE APPROPRIATE WORK ZONE LIGHTING AND WILL BE REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN FOR THE CLOSURE.

1 2 3 4 5	MUTCD CODE	DESCRIPTION	SIZE	QUANTITY
	W20-1	"ROAD WORK AHEAD"	48"x48"	3
	G20-2	"END ROAD WORK"	36"x18"	3
	ı	"PROJECT SIGN PROVIDED BY CITY"	48"x96"	1
	R9-9	"SIDEWALK CLOSED"	24" x 12"	6
	R9-10	"SIDEWALK CLOSED AHEAD"	36" x 24"	2
6	ı	TYPE II BARRICADE	3 FT.	6
7	ı	TYPE III BARRICADE	8 FT.	4
8	_	CHANNELIZERS	-	50

### TRAFFIC CONTROL FOR STORM PIPE INSTALLATION

- 1. FOR PIPE INSTALLATION ACROSS FORUM BLVD CLOSE FORUM BLVD OVERNIGHT 7PM TO 6AM GIVE 3 WORKING DAYS NOTICE TO CITY BEFORE CLOSURE
- 3. PATCH PER PLANS AND SPECS BEFORE OPENING TO TRAFFIC



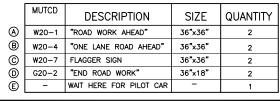
④ R9−9







(5) R9-10



Sheet 19 of 19

David Allen Nichols Registered Professiona Engineer E-24212

As Shown

6-1-2020

A.N.H.

T.L.W.

A.A.A

File No. C00746

Scale:

Date:

EET IMPROVEMENT Traffic Control Plan

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**ENOIR** 

Missouri

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City

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