

PERFORM ALL WORK COVERED BY THESE PLANS IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION.

PHYSICAL ROAD NUMBER (PR#) & MILEPOST (MP) DATA ARE FROM MICHIGAN GEOGRAPHIC FRAMEWORK VERSION # .

MICHIGAN DEPARTMENT OF TRANSPORTATION

ROUTE: US-12 & M-99
 VILLAGE OF JONESVILLE
 FAYETTE TOWNSHIP
 HILLSDALE COUNTY

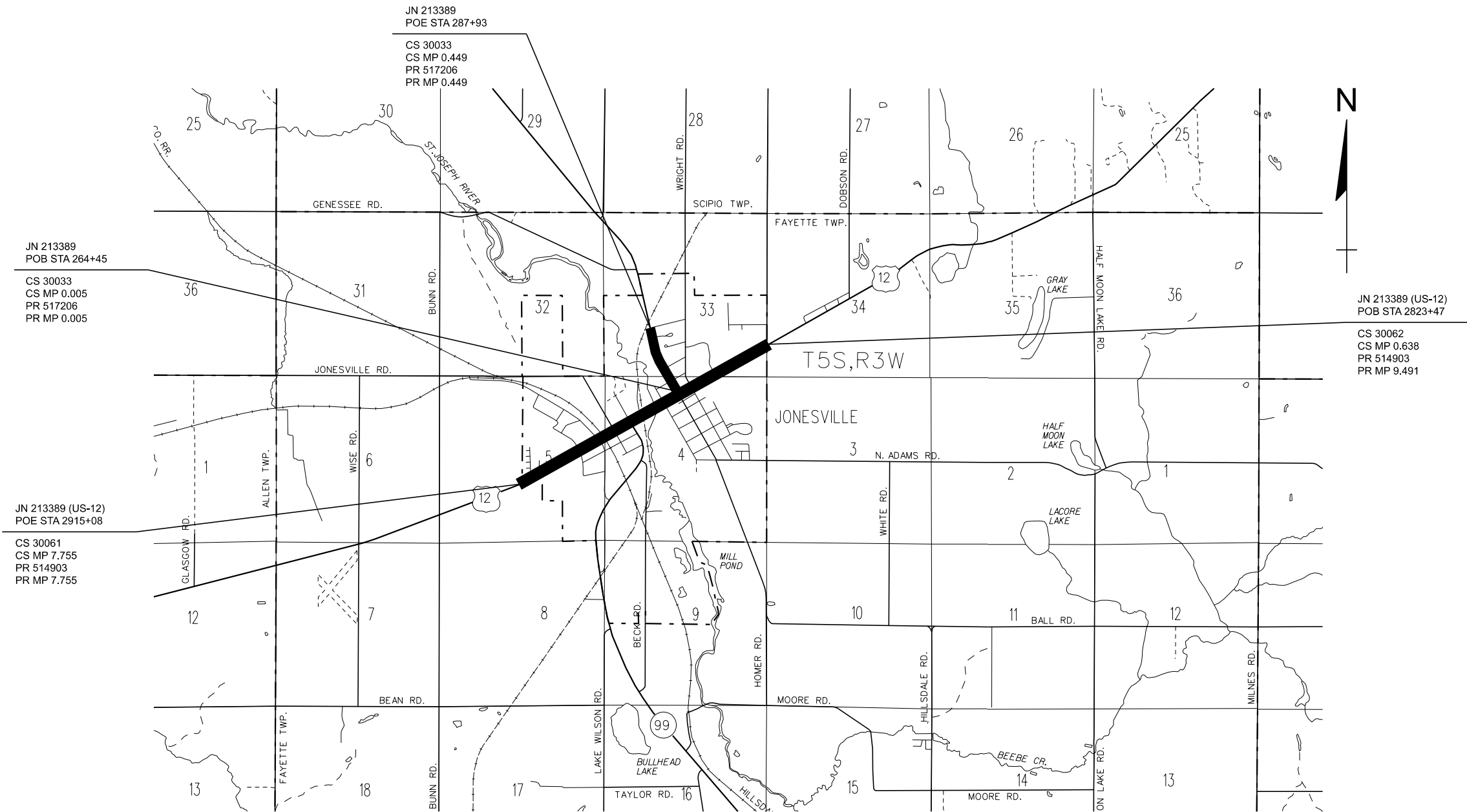


HILLSDALE COUNTY

COUNTY KEY

ROAD	YEAR	TRAFFIC DATA			SPEED DATA			LIMITS
		ADT	DHV	COMM	DESIGN	POSTED		
US-12	2020	8,644		10%	45	40		CONCORD RD TO OAK ST
US-12	2020	8,644		10%	35	30		OAK ST TO M-99 (EVANS ST)
US-12	2020	11,866		13%	35	30		M-99 (EVANS ST) TO M-99 (OLDS ST)
US-12	2020	4,975		13%	45	40		M-99 (OLDS ST) TO WEST OF PINE DR
M-99	2020	4,455		5%	40	35		US-12 TO GRANT ST

SECTION	CONTROL SEC	JOB NO.	FED AID PROJ
1	30033 (30061, 30062)	213389	YES



MICHIGAN DEPARTMENT OF TRANSPORTATION
 BRADLEY C. WIEFERICH, P.E. - DIRECTOR

MILES:
 CONTRACT FOR:

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				MDOT Michigan Department of Transportation	NO SCALE	DATE: 10/21/2024	DESIGN UNIT: L HUMMEL	CS: 30033 (30061, 30062)	JN: 213389	US-12 & M-99	DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION								

FILE: 213389_US12_TITLE_11x17.dgn

TSC: JACKSON

US12 TITLE 001
 SECT 1 1

PUBLIC UTILITIES

The existing utilities listed below and shown on these plans represent the best information available as obtained on our surveys. This information does not relieve the Contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

Name of Owner	Type of Utility
AT&T Karen Trudgen 337 Abbott Rd East Lansing, Michigan, 48823 Phone (517) 392-1340 Email: KT7485@us.att.com	Telecom
Century Tel Mike Bergeron 100 Second Street, P.O. Box 389 Pinconning, Michigan, 48650 Phone (989) 879-8798 Email: michael.bergeron@centurytel.com	Telecom
City of Litchfield Susan Ballinger 221 Jonesville St, P.O. Box 236 Litchfield, Michigan, 49252 Phone (517) 542-2921 Email: clerk@cityoflitchfield.org	Water and Sanitary
Charter Communications Mark Scott 1433 Fulton St Grand Haven, Michigan 49417 Phone (616) 299-4220 Email: mscott@chartercom.com	CATV
Charter Communications Ken Case 4176 Commercial Ave Portage, Michigan 49002 Phone (269) 217-8146 Email: kcase@chartercom.com	CATV
Comcast David Dostie 1401 E Miller Rd Lansing, Michigan 48911 Phone (248) 459-0246 Email: David_Doster@comcast.com	CATV
Consumer's Energy Dave Southward 1955 W Parnall Rd Jackson, Michigan 49201 Phone (517) 788-2400 Email: david.southward@cmsenergy.com	Electric Distribution
Consumer's Energy Pete Mulheam 1945 W Parnall Rd, P12-208A Jackson, Michigan 49201 Phone (517) 788-0817 Email: pamulheam@cmsenergy.com	Electric Transmission
Consumer's Energy Trevin A. Trevino Phone (517) 262-1623 Email: Trevin.Trevino@cmsenergy.com	Gas
Consumer's Energy Kevin Couturier Phone (989) 574-7538 Email: Kevin.Couturier@cmsenergy.com	Gas Transmission
Frontier Mark Spina 109 Randolph St Brooklyn, Michigan 49230 Phone (517) 592-0246 Email: mark.spina@ftr.com	Telecom
Global Crossing North American Networks, Inc Louis Garcia 435 W Commercial St East Rochester, New York 14445 Phone (585) 255-1027	CATV
SEMCO Energy Gas Company Julie Conant 55 Hamblin Ave Battle Creek, Michigan 49017 Phone (269) 420-7458 julle.conant@semcoenergy.com	Gas

PUBLIC UTILITIES

The existing utilities listed below and shown on these plans represent the best information available as obtained on our surveys. This information does not relieve the Contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

Name of Owner	Type of Utility
Hillsdale County Drain Commission Matt Word 29 N Howell St, Room 15 Hillsdale, Michigan 49242 Phone (517) 437-4181 drains@co.hillsdale.mi.us	Co. Drain
ITC Transmission Erin Keeler 39500 Orchard Hill Place, Suite 200 Novi, Michigan 48375 Phone (248) 374-7064 Email: ekeeler@itctransco.com	Electric Transmission
City of Jonesville Mike Mitchell 265 E Chicago St Jonesville Michigan 49250 Phone (517) 849-2104	Water and Sanitary

SHEET INDEX

Section 1 - Road Plans	
Title	1
Project Information	2
Legend	3-5
Notes	6
Miscellaneous Quantities	7
Typical Sections	8-14
Miscellaneous Details	
Survey Information	
Alignment	
Removal, Construction, Drainage & Profile	15-63
Water Main & Sanitary Sewer	
Maintaining Traffic / Construction Staging Plans	64-72
Detail Grades	73-83
Culvert Plans	
Detention Basin Details	
Wetland Mitigation	
Rest Area / Landscape	
Permanent Signing	84-94
Permanent Signing Special Details	
Pavement Marking	
Pavement Marking Special Details	
Lighting	95-100
Signal	
Signal Special Details	
Log of Borings	
Road Special Details	101

FUNDING CATEGORIES



JN 213389 Project Description

Category 0001 = Road Work Fed
This work shall consist of mainline and shoulder HMA Cold Milling at a consistent 1.5 inch depth with a single course HMA overlay. Work will also consist of constructing ADA compliant sidewalk ramps, cold milling intersection approaches and parking lanes with single course overlay, adjusting drainage structure covers, and replacing pavement markings. Bridge B01 of 30061 and approaches will be gapped out of the HMA overlay and cold milling limits.

Repair joints and cracks using Details 7 and 8 (Standard Plan R-44-F) before cold milling unless otherwise directed by the Engineer. Reconstruct curb ramps to meet current ADA standards. Cold mill and overlay the existing pavement to a consistent depth of 1.5 inches. Dispose of the material removed from the surface according to Subsections 104.07 and 204.03 of the 2020 Standard Specifications for Construction. Immediately before placing HMA, clean the pavement surface according to Subsection 501.03.C of the 2020 Standard Specifications for Construction, and all applicable standard plans.

Maintain traffic as detailed in the Special Provision for Maintaining Traffic and/or as directed by the Engineer. All work must be done according to this Log of Project, attached special provisions and supplemental specifications, the 2020 Standard Specifications for Construction, and all applicable standard plans.

It is the Contractor's responsibility to log the existing pavement marking layout prior to commencing work that will obliterate the existing pavement markings. Use the Witness, Log to lay out the proposed permanent pavement markings.

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								 	NO SCALE	PROJECT INFORMATION			DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			US12 PROJ	SECT			
										FILE: 213389_US12_PROJECT INFO	DATE: 12/9/2024	CS: JN: 213389		

LABELING

GENERAL

- LEFT TURN ARROW
- RIGHT TURN ARROW
- TRAFFIC FLOW ARROW

REMOVAL

- ABANDON
- BULKHEAD
- CLEARING
- REMOVE
- SALVAGE
- SAVE

CONSTRUCTION

- ADJUST
- ADJUST - STRUC COVER WITH TYPE
- ADJUST - BY OTHERS

REMOVAL AND CONSTRUCTION

- RELOCATE - WITH CASE NUMBER
- RELOCATE - BY OTHERS

BOUNDARY

- CONTIGUOUS PROPERTY SYMBOL
- MDOT PARCEL NUMBER BOX
- PROPERTY OWNERSHIP ARROW
- PROPERTY OWNERSHIP ARROW - DOUBLE

MONUMENT PRESERVATION

- PRESERVE MONUMENT
- PROTECT MONUMENT

STRUCTURES

- REFERENCE POINT

STRUCTURE NO. + CONTROL SECTION

BARRIERS

- CABLE BARRIER - NOT TO SCALE
- CABLE BARRIER - TRUE SCALE
- CONCRETE BARRIER - DOUBLE FACE
- CONCRETE BARRIER - SINGLE FACE
- FENCE
- GUARDRAIL - NOT TO SCALE
- GUARDRAIL - TRUE SCALE
- NOISE BARRIER
- GUARDRAIL RUN NUMBER
- IMPACT ATTENUATOR

BORINGS

BH# BORING

BOUNDARIES

- CITY LIMIT
- CONDO - LIMIT - LEGAL
- CONDO - LIMIT - NON-LEGAL
- CONDO - UNIT LINE - LEGAL
- CONDO - UNIT LINE - NON-LEGAL
- EASEMENT - LEGAL
- EASEMENT - NON-LEGAL
- MEANDER - LEGAL
- MEANDER - NON-LEGAL
- PARCEL - LEGAL
- PARCEL - NON-LEGAL
- PLAT - BLOCK LINE - LEGAL
- PLAT - BLOCK LINE - NON-LEGAL
- PLAT - LOT LINE - LEGAL
- PLAT - LOT LINE - NON-LEGAL
- PLAT - LIMIT - LEGAL
- PLAT - LIMIT - NON-LEGAL
- ROW - FREE ACCESS
- ROW - LIMITED ACCESS
- SECTION LINE - GOVERNMENT LOT - LEGAL
- SECTION LINE - GOVERNMENT LOT - NON-LEGAL
- SECTION LINE - MEANDER - LEGAL
- SECTION LINE - MEANDER - NON-LEGAL
- SECTION LINE - PRIVATE CLAIM - LEGAL
- SECTION LINE - PRIVATE CLAIM - NON-LEGAL
- SECTION LINE - LEGAL
- SECTION LINE - NON-LEGAL
- SECTION LINE - QUARTER - LEGAL
- SECTION LINE - QUARTER - NON-LEGAL
- SECTION LINE - EIGHTH - LEGAL
- SECTION LINE - EIGHTH - NON-LEGAL
- SECTION LINE - SIXTEENTH - LEGAL
- SECTION LINE - SIXTEENTH - NON-LEGAL
- TOWNSHIP LINE

CONSTRUCTION LIMITS

SLOPE STAKE LINE

CONTROL, CORNERS & MONUMENTS

- ALIGNMENT POINT MONUMENT
- BENCHMARK
- CONCRETE MONUMENT
- CONTROL POINT
- PARCEL CORNER - CAPPED IRON
- PARCEL CORNER - IRON PIN
- PARCEL CORNER - IRON PIPE
- PARCEL CORNER - NO ID
- PLAT CORNER
- MONUMENT BOX
- ROW MONUMENT
- SECTION CORNER - CENTER
- SECTION CORNER - GOVERNMENT LOT
- SECTION CORNER - MEANDER
- SECTION CORNER - PRIVATE CLAIM
- SECTION CORNER - QUARTER
- SECTION CORNER - QUARTER - HALF
- SECTION CORNER - SECTION
- SECTION CORNER - SECTION - HALF
- SECTION CORNER - SIXTEENTH
- SECTION CORNER - WITNESS

CURB & GUTTER

- CURB & GUTTER REMOVAL
- CURB RAMP OPENING

ENVIRONMENTAL

- EROSION CONTROL - SILT FENCE
- WETLAND - LEGAL
- WETLAND - NON-LEGAL
- CONTAMINATION - MONITORING WELL
- EROSION CONTROL NUMBER
- EROSION CONTROL - RIPRAP
- WATER SURFACE - ELEV
- WATER TABLE - ELEV
- WETLAND SPOT
- POTENTIALLY CONTAMINATED SITE

POSTS

- POST - FENCE
- POST - MAILBOX
- POST - NO ID

RAILROAD

- TRACK
- CROSSING - GATE
- CROSSING - SIGNAL BOX
- CROSSING - SIGNAL FLASHING
- CROSSING - SYMBOL

ROADSIDE / SITE

- ANTENNA
- BIG ROCK
- FLAG POLE
- PICNIC STOVE
- PICNIC TABLE
- SATELLITE DISH

SIGNS

- BAND - DOUBLE
- BAND - SINGLE
- POST - CROSS STREET
- POST - DOUBLE
- POST - DOUBLE - WITH BACK PANEL
- POST - SINGLE
- POST - SINGLE - WITH BACK PANEL

- STRUCTURE - CANTILEVER - EXISTING
- STRUCTURE - CANTILEVER
- STRUCTURE - TRUSS - EXISTING
- STRUCTURE - TRUSS
- SUSPENDED

VEGETATION

- BRUSH LINE
- HEDGE LINE
- TREE LINE - CANOPY OR TRUNK
- TREE LINE - TRUNK
- TRUNK LINE
- SHRUB
- TREE - CONIFER
- TREE - DECIDUOUS
- TREE - STUMP

TYPICAL SECTION

- CONCRETE - PROPOSED
- HMA - PROPOSED

SURFACING

REMOVAL

- CONCRETE RUBBLIZING OR HMA CRUSH & SHAPE
- HMA COLDMILLING
- HMA SURFACE REMOVAL AND / OR PAVEMENT REMOVAL

PROPOSED

- AGGREGATE APPROACH
- BRIDGE APPROACH
- HMA APPROACH
- MISCELLANEOUS CONCRETE

SIDEWALK & CURB RAMPS

- SIDEWALK REMOVAL
- CURB RAMP
- LANDING
- CURB RAMP TYPE
- DETECTABLE WARNING SURFACE

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

ELECTRICAL

- HANDHOLE - EXISTING
- HANDHOLE, ROUND
- HANDHOLE, ROUND, 3 FOOT DIAMETER
- HANDHOLE, TYPE D
- MANHOLE - EXISTING
- SERVICE METER - EXISTING
- TRANSFORMER - PAD MOUNTED - EXISTING
- TRANSFORMER - POLE MOUNTED - EXISTING
- CABLE
- CABLE - TO BE REMOVED
- CABLE OVERHEAD
- CABLE OVERHEAD - TO BE REMOVED
- CABLE IN CONDUIT
- CABLE IN CONDUIT - TO BE REMOVED
- CABLE IN CONDUIT - DIRECTIONAL BORE

LIGHTING

- CONTROL PANEL - EXISTING
- CONTROL PANEL
- FLOOD LIGHT
- HANDHOLE, ROUND
- LIGHT STANDARD - EXISTING TO BE REMOVED & SALVAGED
- LIGHT STANDARD DOUBLE ARM - EXISTING
- LIGHT STANDARD DOUBLE ARM
- LIGHT STANDARD POST TOP - EXISTING
- LIGHT STANDARD POST TOP
- LIGHT STANDARD SINGLE ARM - EXISTING
- LIGHT STANDARD SINGLE ARM
- LUMINAIRE WALL MOUNTED UNDER BRIDGE - EXISTING
- LUMINAIRE WALL MOUNTED UNDER BRIDGE
- SUSPENDED LIGHT - EXISTING
- TOWER LIGHTING UNIT - EXISTING
- TOWER LIGHTING UNIT

ITS / SIGNALS

- DYNAMIC MESSAGE SIGN - EXISTING
- DYNAMIC MESSAGE SIGN
- ENVIRONMENTAL SENSOR STATION SITE
- FIBER OPTIC SPLICE CABINET
- HANDHOLE, ROUND, 3 FOOT DIAMETER
- HANDHOLE, ROUND, COMMUNICATIONS
- HANDHOLE, ROUND, ELECTRIC
- HANDHOLE, TYPE D
- ITS CABINET - PAD MOUNTED - EXISTING
- ITS CABINET - PAD MOUNTED
- ITS CABINET - POLE MOUNTED - EXISTING
- ITS CABINET - POLE MOUNTED
- MICROWAVE VEHICLE DETECTION SYSTEM - EXISTING
- MICROWAVE VEHICLE DETECTION SYSTEM
- MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE - EXISTING
- MICROWAVE VEHICLE DETECTION SYSTEM ZONE COVERAGE
- SPUN CONCRETE POLE - EXISTING
- SPUN CONCRETE POLE
- SURVEILLANCE SYSTEM - EXISTING
- SURVEILLANCE SYSTEM
- WIRELESS LINK - EXISTING
- WIRELESS LINK
- COMMUNICATIONS CABLE IN CONDUIT
- COMMUNICATIONS CABLE IN CONDUIT - TO BE REMOVED

- ANTENNA
- CASE SIGN, 1-WAY - EXISTING
- CASE SIGN, 1-WAY
- CASE SIGN, 2-WAY - EXISTING
- CASE SIGN, 2-WAY
- CASE SIGN, 3-WAY - EXISTING
- CASE SIGN, 3-WAY
- CASE SIGN, 4-WAY - EXISTING
- CASE SIGN, 4-WAY
- DEDICATED SHORT RANGE COMMUNICATIONS
- CONTROLLER CABINET - PAD MOUNTED
- CONTROLLER CABINET - POLE MOUNTED
- CONTROL EMERGENCY PREEMPTION OPTICOM
- DILEMMA ZONE DETECTION
- GLOBAL POSITIONING SYSTEM MODULE
- HANDHOLE - 2 FOOT ROUND
- HANDHOLE - 2 FOOT SQUARE
- HANDHOLE - 3 FOOT ROUND
- HANDHOLE - 4 FOOT SQUARE
- HANDHOLE - POLYMER CONCRETE
- PEDESTAL
- PEDESTRIAN PUSHBUTTON
- POLE MAST ARM (LENGTH VARIES) - EXISTING
- POLE MAST ARM (LENGTH VARIES)
- POLE STRAIN
- POLE WOOD
- ROAD SIGN W/ FLASHING SIGN OPTICAL (1-WAY)
- SIGNAL HEAD PEDESTRIAN - EXISTING
- SIGNAL HEAD PEDESTRIAN 1-WAY
- SIGNAL HEAD PEDESTRIAN 2-WAY
- SIGNAL HEAD VEHICLE 1-WAY - EXISTING
- SIGNAL HEAD VEHICLE 1-WAY
- SIGNAL HEAD VEHICLE 2-WAY - EXISTING
- SIGNAL HEAD VEHICLE 2-WAY
- SIGNAL HEAD VEHICLE 3-WAY - EXISTING
- SIGNAL HEAD VEHICLE 3-WAY
- SIGNAL HEAD VEHICLE 4-WAY - EXISTING
- SIGNAL HEAD VEHICLE 4-WAY
- SIGNAL HEAD VEHICLE BAGGED
- SIGNAL HEAD VEHICLE PROGRAMMABLE
- VEHICLE DETECTION CAMERA
- VEHICLE DETECTION CAMERA - HEMISPHERICAL
- VEHICLE DETECTION LOOP
- VEHICLE DETECTION - RADAR
- WIRELESS VEHICLE DETECTION RADIO RECEIVER
- WIRELESS VEHICLE DETECTION RADIO REPEATER
- WIRELESS VEHICLE DETECTION SENSOR - EXISTING
- WIRELESS VEHICLE DETECTION SENSOR

CABLING / WIRING DIAGRAM

- CIRCUIT BREAKER
- COILED WIRE
- FUSE
- FUSE SWITCH
- GROUND
- ILLUMINATED CASE SIGN
- METER
- SERVICE DISCONNECT
- SIGNAL HEAD

NOTE:

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FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



NO SCALE

FILE: 213389_US12_LEGEND_2

DATE: 10/21/2024

DESIGN UNIT: L HUMMEL

TSC: JACKSON

CS:

JN: 213389

LEGEND

US-12 & M-99

DRAWING SHEET

US12 LEG 002 SECT 1 4

UTILITIES

COMBINED SEWER

- COMBINED SEWER
- COMBINED SEWER - OUT OF SERVICE
- COMBINED SEWER - TO BE TAKEN OUT OF SERVICE
- COMBINED SEWER - TO BE REMOVED

COMMUNICATION

- FIBER OPTIC
- FIBER OPTIC - OUT OF SERVICE
- FIBER OPTIC - OVERHEAD
- FIBER OPTIC MARKER
- CABLE
- CABLE - OUT OF SERVICE
- CABLE - OVERHEAD
- CABLE MARKER
- CABLE PEDESTAL
- TELEPHONE
- TELEPHONE - OUT OF SERVICE
- TELEPHONE - OVERHEAD
- TELEPHONE BOX
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL

FUEL / PETROLEUM

- GASOLINE FILLER PIPE
- GASOLINE PUMP
- GASOLINE UNDERGROUND TANK
- PETROLEUM PIPELINE
- PETROLEUM PIPELINE - OUT OF SERVICE
- PETROLEUM PIPELINE MARKER
- PETROLEUM WELL
- PROPANE TANK

NATURAL GAS

- GAS LINE
- GAS LINE - OUT OF SERVICE
- MARKER
- VALVE
- WELL

SANITARY SEWER

- MANHOLE WITH COVER (DIA VARIES)
- SEWER
- SEWER - OUT OF SERVICE
- SEWER - TO BE TAKEN OUT OF SERVICE
- SEWER - TO BE REMOVED

WATER

- FIRE HYDRANT
- GATE VALVE AND BOX
- GATE VALVE IN WELL
- IRRIGATION CONTROL VALVE
- IRRIGATION SPRINKLER HEAD
- SERVICE METER
- SERVICE SHUTOFF
- WATER WELL
- IRRIGATION
- WATER MAIN
- WATER MAIN - OUT OF SERVICE
- WATER MAIN - TO BE TAKEN OUT OF SERVICE
- WATER MAIN - TO BE REMOVED

STEAM

- STEAM
- STEAM - OUT OF SERVICE

GENERIC EXISTING UTILITIES

- GUY ANCHOR
- MARKER
- PEDESTAL
- POLE
- UTILITY BOX
- UTILITY

DRAINAGE

- CATCH BASIN COVER - EXISTING
- CATCH BASIN W/ COVER (DIA VARIES)
- DRAINAGE STRUCTURE NUMBER
- DRAIN CASTING
- DROP INLET
- END SECTION (SIZE VARIES)
- FLOW DIRECTION ARROW
- HEADWALL (SIZE VARIES)
- MANHOLE COVER - EXISTING
- MANHOLE W/ COVER (DIA VARIES)
- MANHOLE BASE W/ COVER (SIZE VARIES)
- MANHOLE TEE W/ COVER (SIZE VARIES)
- OUTLET HEADWALL (SIZE VARIES)
- SEWER CLEANOUT ACCESS - EXISTING
- STRUCTURE BOTTOM - EXISTING (DIA VARIES)

- CULVERT - EXISTING
- CULVERT (SIZE VARIES)
- DITCH CENTERLINE
- STORM SEWER - EXISTING
- STORM SEWER
- STORM SEWER - TO BE REMOVED
- UNDERDRAIN
- UNDERDRAIN - TO BE REMOVED
- WATER EDGE

MAINTAINING TRAFFIC

- TYPE III BARRICADE
- CHANNELIZING DEVICE - 42 INCH
- CHANNELIZING DEVICE - DRUM
- CHANNELIZING DEVICE - TUBULAR MARKER
- LIGHT - HIGH INTENSITY TYPE B
- LIGHT - STEADY BURN TYPE C
- LIGHTED ARROW PANEL - BAR
- LIGHTED ARROW PANEL
- PORTABLE CHANGEABLE MESSAGE SIGN
- PORTABLE WATER FILLED BARRIER
- TRAFFIC REGULATOR
- TEMPORARY BARRIER - 24 INCH
- TEMPORARY BARRIER - 28 INCH
- TEMPORARY BARRIER ENDING
- TEMPORARY SIGN
- TEMPORARY SPEED RADAR TRAILER
- TEMPORARY TRAFFIC SIGNAL
- WORK AREA

NOTE:

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NO SCALE

FILE: 213389_US12_LEGEND_3	DATE: 10/21/2024	CS:
DESIGN UNIT: L HUMMEL	JN: 213389	
TSC: JACKSON		

LEGEND	
US-12 & M-99	
HILLSDALE COUNTY	

DRAWING	SHEET
US12 LEG 003	SECT 1 5

MISCELLANEOUS QUANTITIES



PERFORM THE FOLLOWING ITEMS OF WORK AS THEY APPLY THROUGHOUT THE PROJECT.
THESE ITEMS ARE NOT DETAILED OR INCLUDED ON THE PLAN AND PROFILE SHEETS.

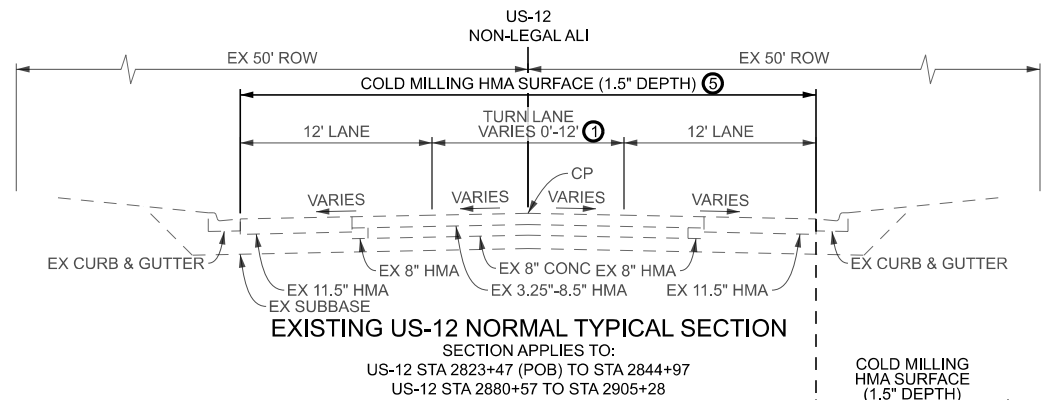
PROJECT WIDE

MAINTAINING TRAFFIC

SOIL EROSION AND SEDIMENTATION CONTROL

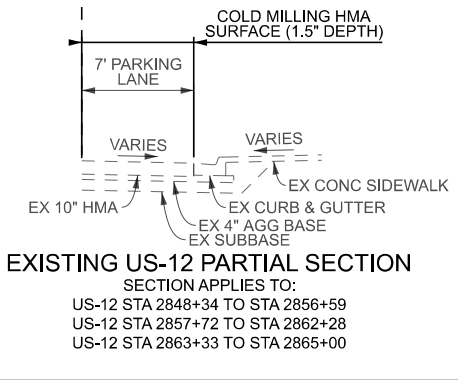
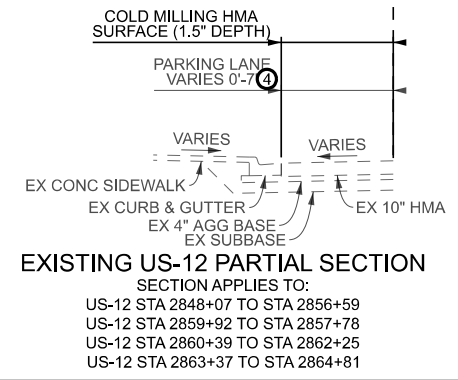
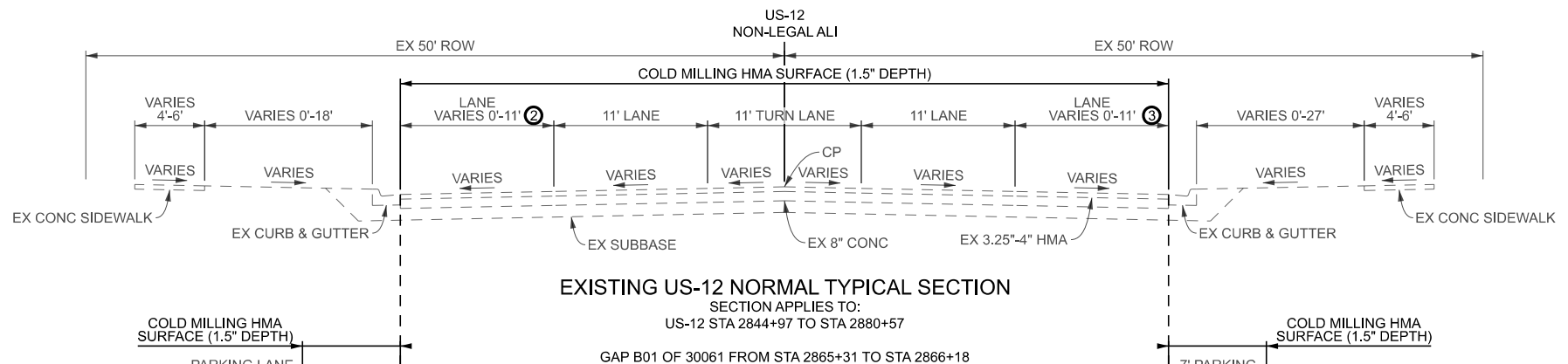
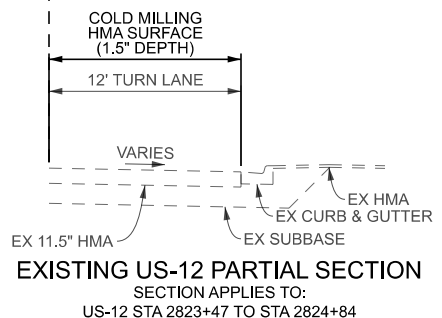
SUBGRADE CORRECTION

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:						NO SCALE	DATE: 10/22/2024	CS:	MISCELLANEOUS QUANTITIES	DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	JN: 213389		US12 QTY 001	SECT 1 8
										FILE: 213389_US12_MISC_QUANT	TSC: JACKSON	HILLSDALE COUNTY			

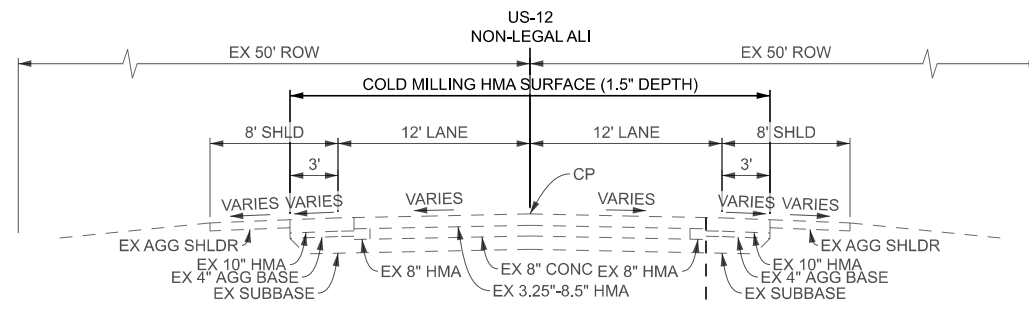


NOTES:

- ① WIDTH IS 11' FROM STA 2823+47 TO STA 2895+24
WIDTH VARIES FROM 11' AT STA 2895+24 TO 0' AT STA 2898+24
WIDTH IS 0' FROM STA 2898+24 TO STA 2905+28
- ② WIDTH VARIES FROM 0' AT STA 2844+97 TO 11' AT STA 2848+07
WIDTH IS 11' FROM STA 2848+07 TO STA 2877+07
WIDTH VARIES FROM 11' AT STA 2877+07 TO 0' AT STA 2880+57
- ③ WIDTH IS 11' FROM STA 2848+14 TO 2875+80
WIDTH VARIES FROM 11' AT STA 2875+80 TO 0' AT STA 2880+57
- ④ WIDTH VARIES FROM 0' AT 2848+07 TO 7' AT STA 2849+32
WIDTH IS 7' FROM STA 2849+32 TO STA 2864+81
- ⑤ COLD MILL 2" BETWEEN RAILROAD TRACKS, SEE MISCDET 001

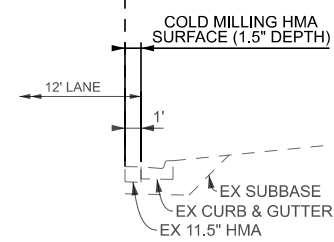


FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		SPALDING DeDECKER Engineering and Surveying Excellence Since 1994	MDOT Michigan Department of Transportation	NO SCALE	DATE: 12/9/2024	CS:	EXISTING TYPICAL SECTIONS		DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	US-12 TYP	SECT								
												FILE: 213389_US12_EXTYP.dgn	DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE DR TO CONCORD RD	US-12 TYP	SECT 1
													TSC: JACKSON		US-12 STA 2823+47 (POB) TO STA 2905+28	01	8





EXISTING US-12 NORMAL TYPICAL SECTION

SECTION APPLIES TO:
US-12 STA 2905+28 TO STA 2915+08 (POE)



EXISTING US-12 PARTIAL SECTION

SECTION APPLIES TO:
US-12 STA 2905+28 TO STA 2907+55

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:						NO SCALE	DATE: 10/21/2024	CS:	EXISTING TYPICAL SECTIONS		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION						US-12 TYP	SECT		
										DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE DR TO CONCORD RD	02	9		
										TSC: JACKSON		US-12 STA 2905+28 TO STA 2915+08 (POE)				

FILE: 213389_US12_EXTYP.dgn

TSC: JACKSON

US-12 FROM WEST OF PINE DR TO CONCORD RD

US-12 STA 2905+28 TO STA 2915+08 (POE)



US-12 TYP 02

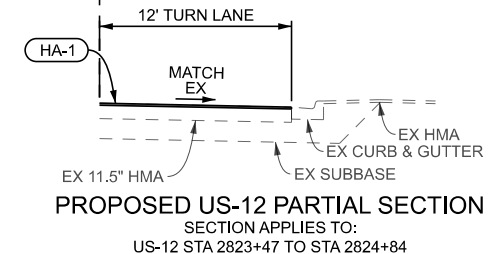
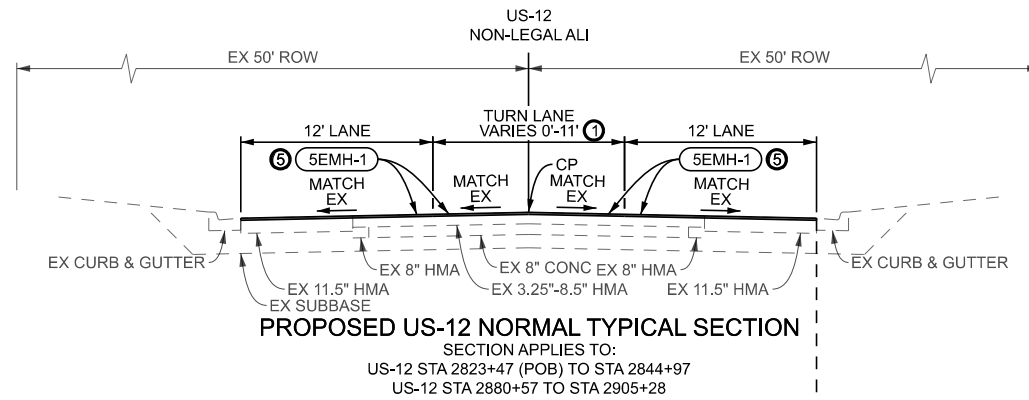
SECT 1 9

HMA APPLICATION ESTIMATE

IDENT NO.	ITEM	RATE LBS PER SYD	PERFORMANCE GRADE	REMARKS
5EMH-1	HMA, 5EMH	165	64-28	MAINLINE TOP COURSE - AWI 260
5EMH-2	HMA, 5EMH, HIGH STRESS	165	70-28P	MAINLINE TOP COURSE NEAR SIGNALS - AWI 260
HA-1	HMA APPROACH	165	64-28	HMA, 5EMH - SIDE ROAD TOP COURSE
HA-2	HMA APPROACH, HIGH STRESS	165	70-28P	HMA, 5EMH, HIGH STRESS - PARKING LANE & SIDE ROAD TOP COURSE NEAR SIGNALS
HP-1	HAND PATCHING	VARIES	64-22	HMA, 5EMH - USE 220 LBS/SYD AS THE MAXIMUM APPLICATION RATE PER LIFT
	* BOND COAT	0.05-0.15 GAL		

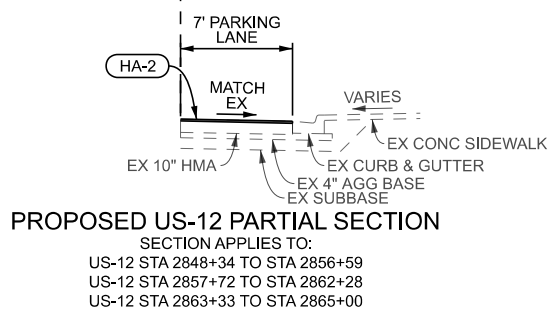
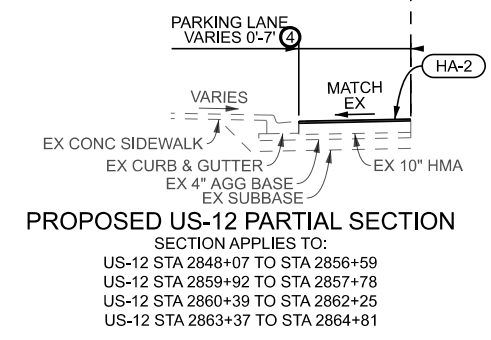
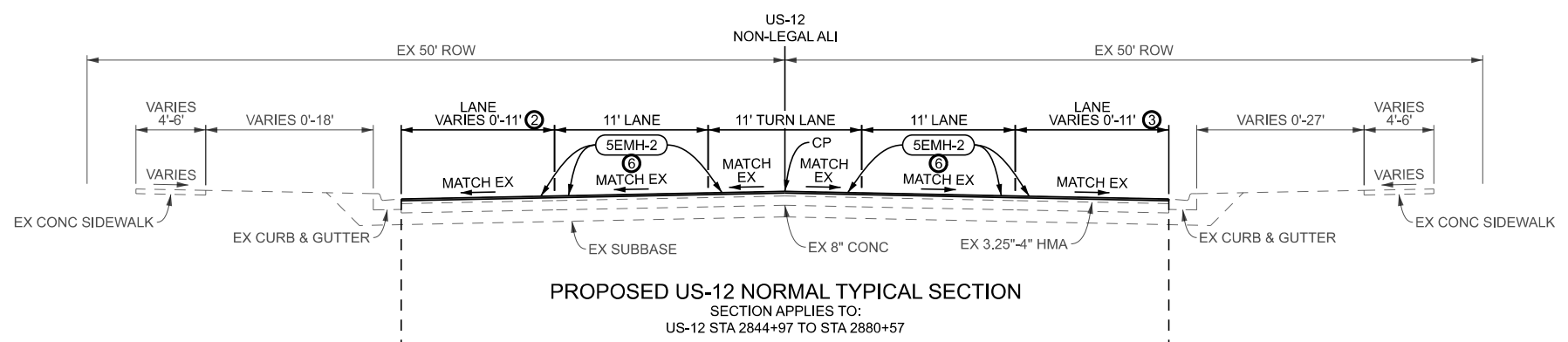
*FOR INFORMATION ONLY

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:				 	NO SCALE	DATE: 10/21/2024	CS:	HMA APPLICATION TABLE		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE DR TO CONCORD RD		US12 TYP 004	SECT 1 11
									FILE: 213389_US12_PRTYP.dgn	TSC: JACKSON	M-99 FROM US-12 TO GRANT ST				

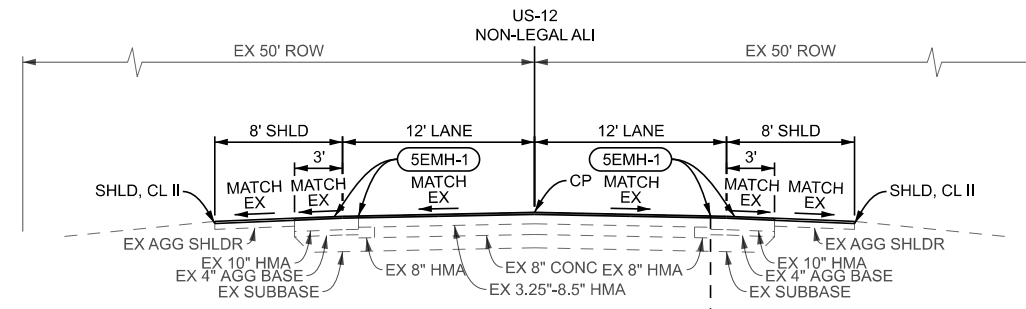


NOTES:

- ① WIDTH IS 11' FROM STA 2823+47 TO STA 2895+24
WIDTH VARIES FROM 11' AT STA 2895+24 TO 0' AT STA 2898+24
WIDTH IS 0' FROM STA 2898+24 TO STA 2905+28
- ② WIDTH VARIES FROM 0' AT STA 2844+97 TO 11' AT STA 2848+07
WIDTH IS 11' FROM STA 2848+07 TO STA 2877+07
WIDTH VARIES FROM 11' AT STA 2877+07 TO 0' AT STA 2880+57
- ③ WIDTH IS 11' FROM STA 2848+14 TO 2875+80
WIDTH VARIES FROM 11' AT STA 2875+80 TO 0' AT STA 2880+57
- ④ WIDTH VARIES FROM 0' AT 2848+07 TO 7' AT STA 2849+32
WIDTH IS 7' FROM STA 2849+32 TO STA 2864+81
- ⑤ USE 5EMH-2 FROM STA 2880+57 TO STA 2885+05
USE HP-1 BETWEEN THE RAILROAD TRACKS, SEE MISCDET 001
- ⑥ USE 5EMH-1 FROM STA 2844+97 TO STA 2846+24

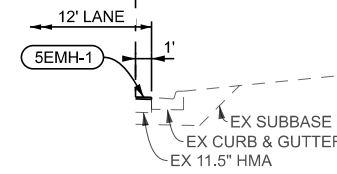


FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		SPALDING DeDECKER Engineering and Surveying Excellence Since 1954	MDOT Michigan Department of Transportation	NO SCALE	DATE: 10/21/2024	CS:	PROPOSED TYPICAL SECTIONS		DRAWING SHEET
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FILE: 213389_US12_PRTYP.dgn												DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE DR TO CONCORD RD			
TSC: JACKSON												US-12 STA 2823+47 (POB) TO STA 2905+28					





PROPOSED US-12 NORMAL TYPICAL SECTION

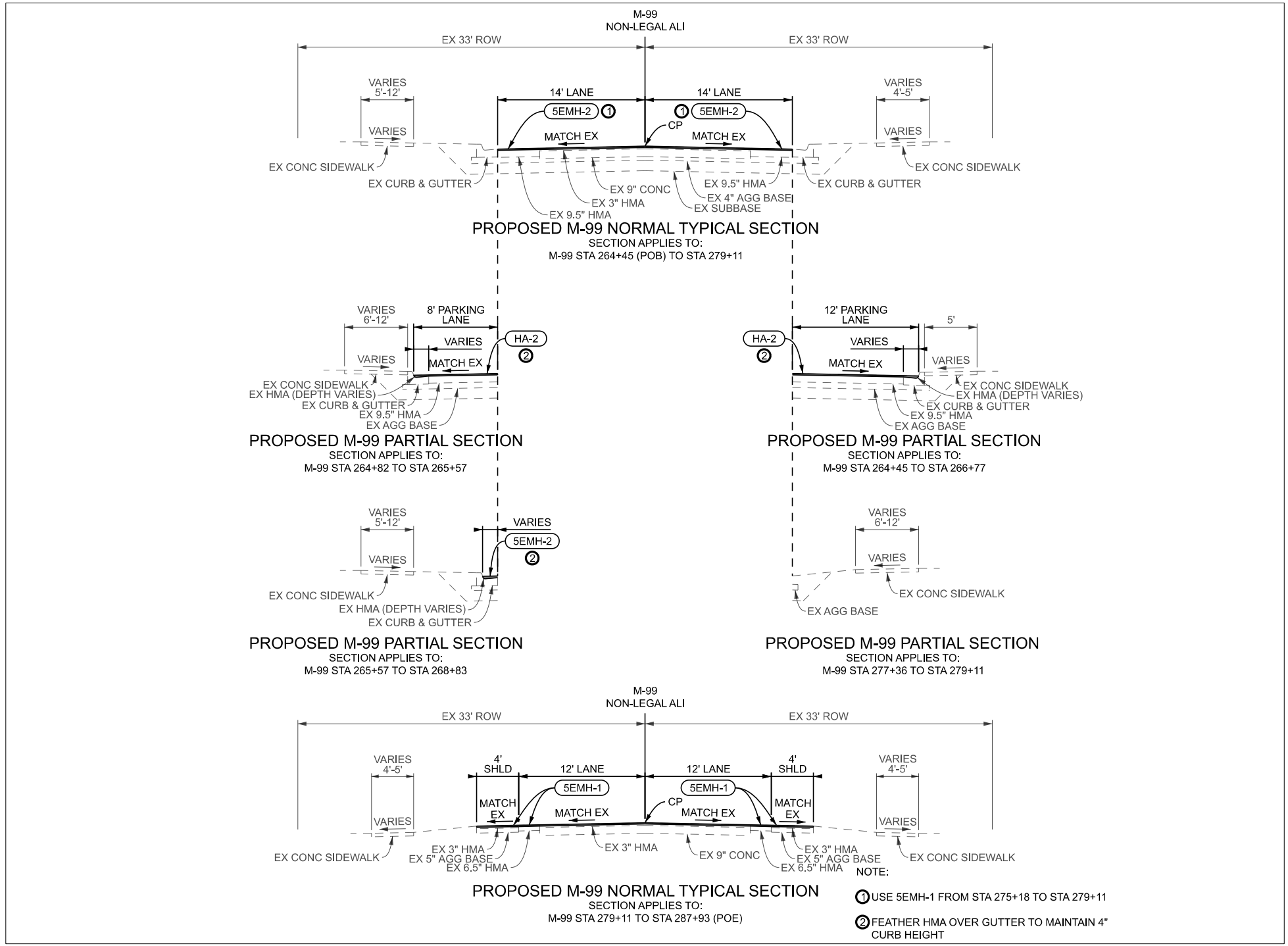
SECTION APPLIES TO:
US-12 STA 2905+28 TO STA 2915+08 (POE)



PROPOSED US-12 PARTIAL SECTION

SECTION APPLIES TO:
US-12 STA 2905+28 TO STA 2907+55

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:						NO SCALE	DATE: 10/21/2024	CS:	DRAWING SHEET	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION						US12 TYP 006	SECT 1 13
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FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



NO SCALE

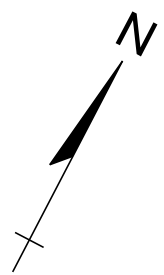
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DATE: 10/21/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS:
 JN: 213389

PROPOSED TYPICAL SECTIONS
 M-99 FROM US-12 TO GRANT ST
 M-99 STA 264+45 (POB) TO STA 287+93 (POE)

DRAWING SHEET
 US12 TYP 007 SECT 1 14



SECTION 4
T6S, R3W
FAYETTE TWP

SECTION 4
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



FILE: 213389_US12_ALI001.dgn

DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3006101
JN: 213389

ALIGNMENT SHEET
US-12 FROM WEST OF PINE ST TO CONCORD RD
US-12 STA 2872+50 TO 2866+50

DRAWING SHEET
US12 ALI 001 SECT 1 15



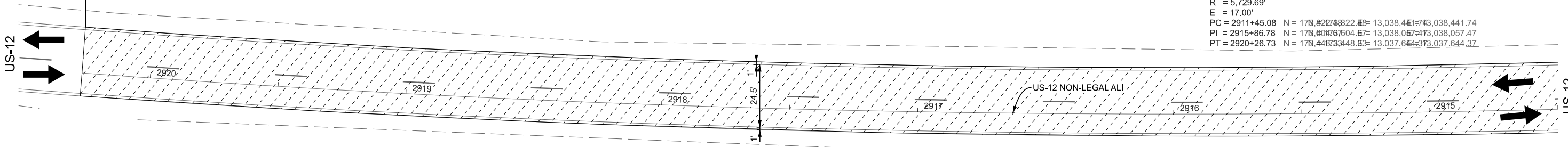
SECTION 5
T6S, R3W
FAYETTE TWP

ACALINL
 $\Delta = 8^{\circ}48'59''$ (RT)
 $D = 1^{\circ}0'0''$
 $T = 441.70'$
 $L = 881.66'$
 $R = 5,729.69'$
 $E = 17.00'$
 $PC = 2911+45.08$ $N = 173.82274322$ $E = 13,038.41743,038,441.74$
 $PI = 2915+86.78$ $N = 173.80476045$ $E = 13,038.057473,038,057.47$
 $PT = 2920+26.73$ $N = 173.418733448$ $E = 13,037.64437,644.37$




JN 213389
 US-12 NON-LEGAL ALI (A)
 POB STA 2920+26.73
 CS 3006101
 CS MP 7.657
 PR 0514903
 PR MP 7.657

US-12

US-12



SECTION 5
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024		CS: 3006101		REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE ST TO CONCORD RD		US12 REM 001	SECT 1		
									FILE: 213389_US12_REM001.dgn	TSC: JACKSON	US-12 STA 2920+26 TO 2914+50			16				



SECTION 5
T6S, R3W
FAYETTE TWP

JN 213389
US-12 NON-LEGAL ALI (A)
POB STA 2920+26.73

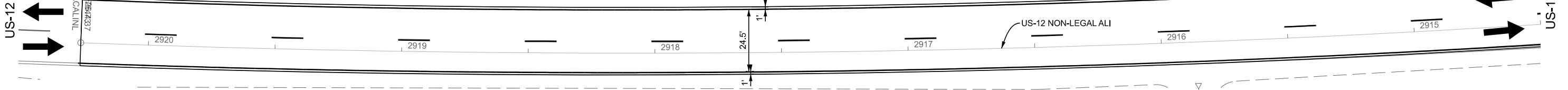
CS 3006101
CS MP 7.657
PR 0514903
PR MP 7.657

E=13,038,057.47
N=173,604.67
PC=2911+45.08
PT=2920+26.73
ACALINL



ACALINL
 $\Delta = 8^{\circ}48'59"$ (RT)
 D = 1°0'0"
 T = 441.70'
 L = 881.66'
 R = 5,729.69'
 E = 17.00'
 PC = 2911+45.08 N = 173,822.48 E = 13,038,441.74
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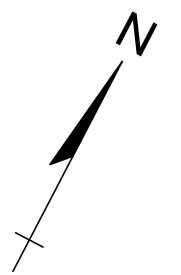
US-12

US-12



SECTION 5
T6S, R3W
FAYETTE TWP

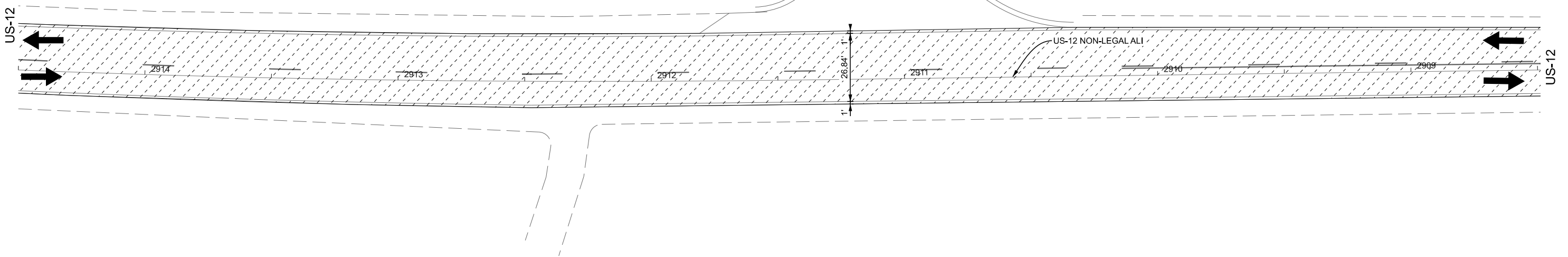
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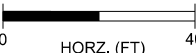


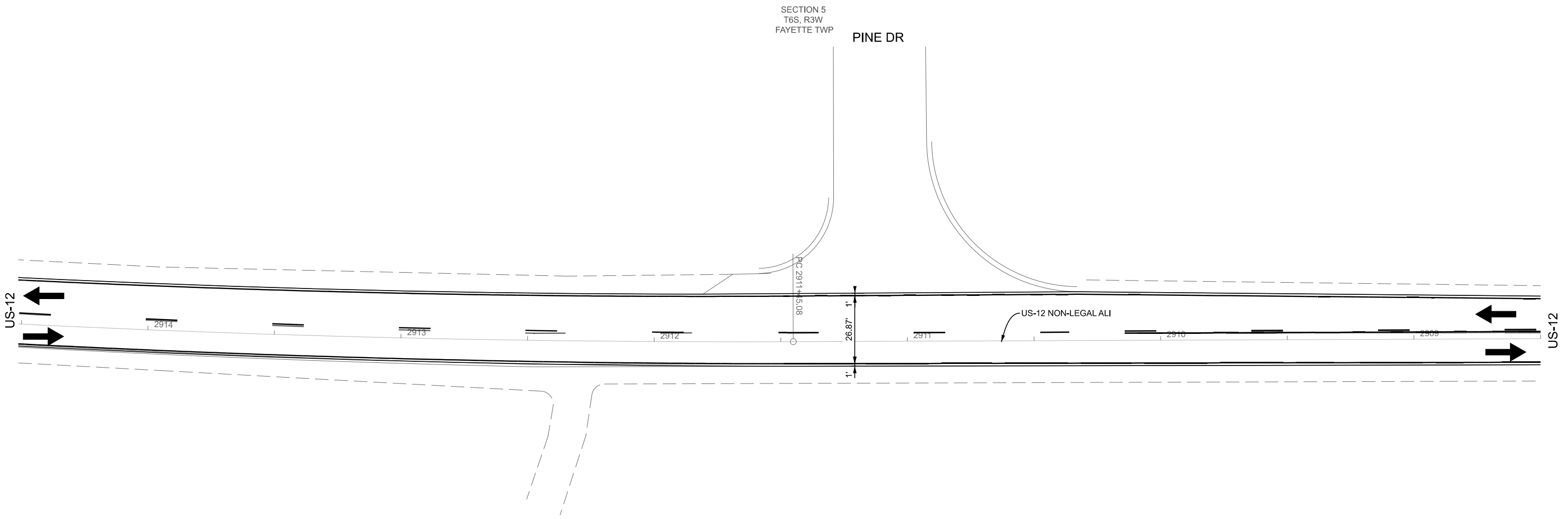
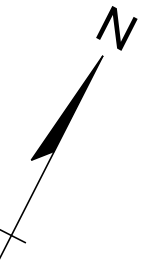
PINE DR

SECTION 5
T6S, R3W
FAYETTE TWP

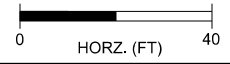
SECTION 5
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024		CS: 3006101		REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE ST TO CONCORD RD		US12 REM 002	SECT 1		
								FILE: 213389_US12_REM002.dgn	TSC: JACKSON	US-12 STA 2914+50 TO 2908+50			18					



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



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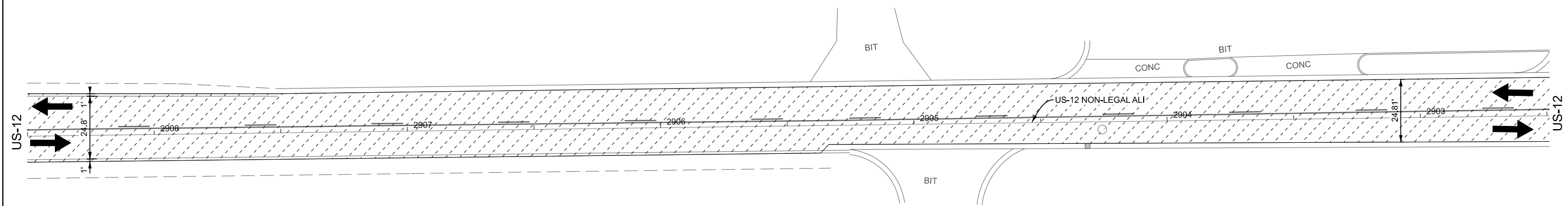
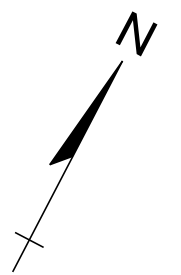
DATE: 10/22/2024
 DESIGN UNIT: L HUMMEL
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CS: 3006101
 JN: 213389



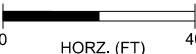
CONSTRUCTION SHEET
 US-12 FROM NOE ST TO OAK ST
 US-12 STA 2896+50 TO 2890+50

DRAWING SHEET
 US12 CON 002
 SECT 1
 19

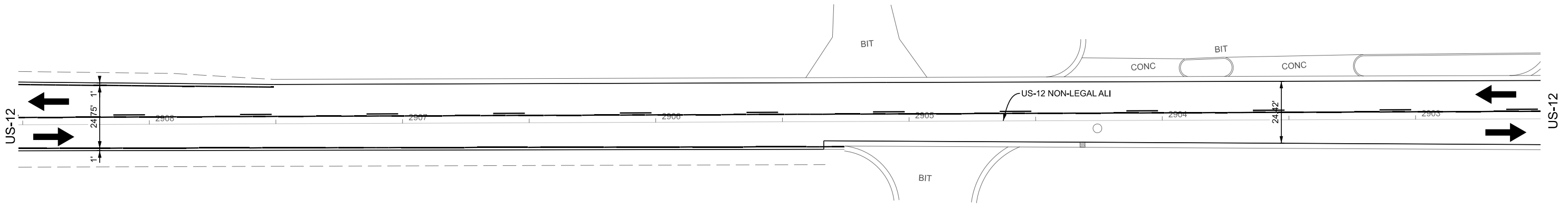
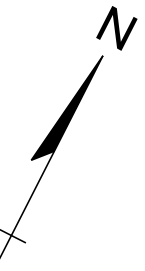
SECTION 5
T6S, R3W
FAYETTE TWP






SECTION 5
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024		CS: 3006101		REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	JN: 213389	US-12 FROM WEST OF PINE ST TO CONCORD RD		US12 REM 003	SECT 1		
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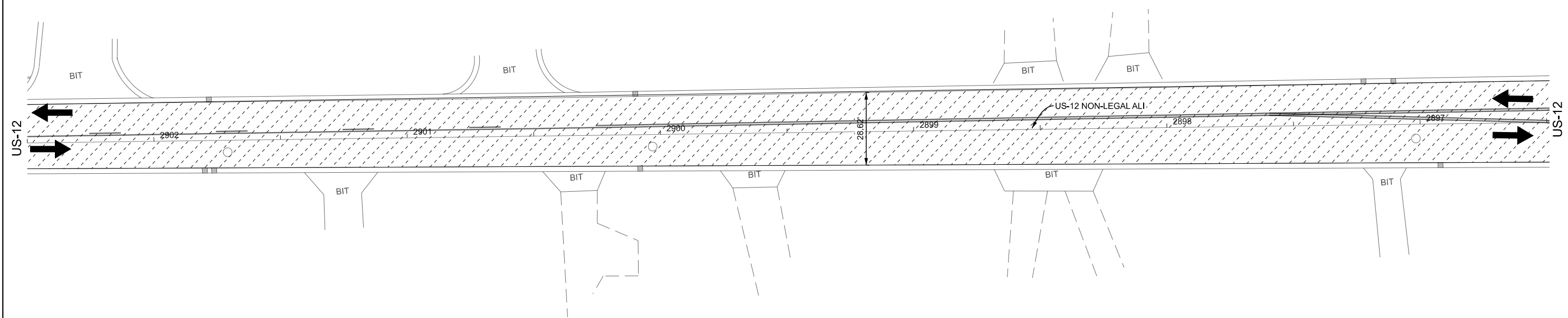
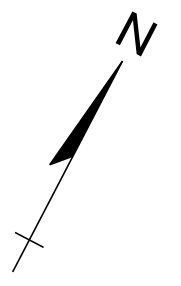
SECTION 5
T6S, R3W
FAYETTE TWP




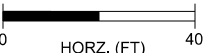
SECTION 5
T6S, R3W
FAYETTE TWP

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SECTION 5
T6S, R3W
FAYETTE TWP

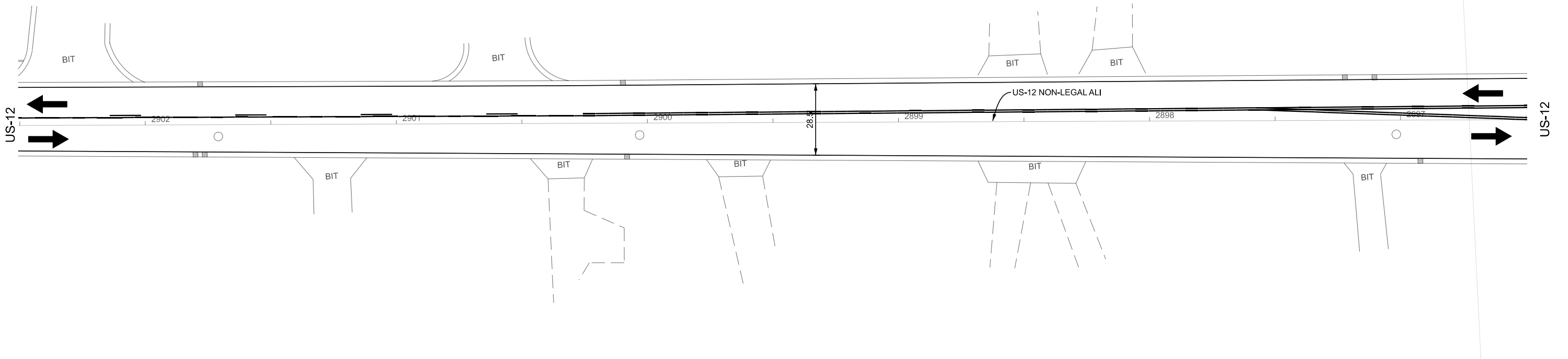
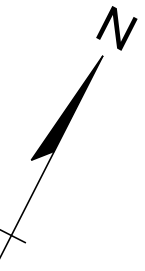


SECTION 5
T6S, R3W
FAYETTE TWP



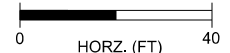
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												US-12 STA 2902+50 TO 2896+50		004	22					

FILE: 213389_US12_REM004.dgn

SECTION 5
T6S, R3W
FAYETTE TWP



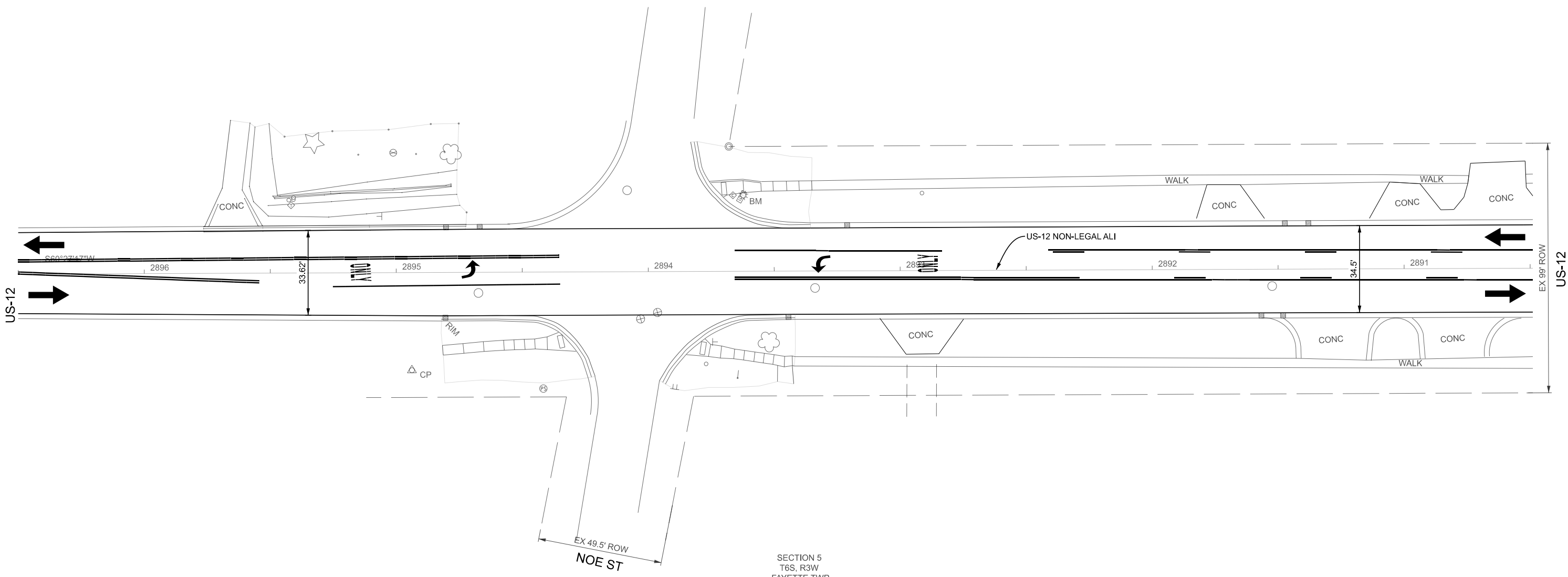
SECTION 5
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:					DATE: 10/22/2024	CS: 3006101	CONSTRUCTION SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	DESIGN UNIT: L HUMMEL	JN: 213389				US-12 FROM WEST OF PINE DR TO CONCORD RD		US12 CON 004	SECT 1		
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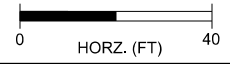


SECTION 5
T6S, R3W
FAYETTE TWP

SECTION 5
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



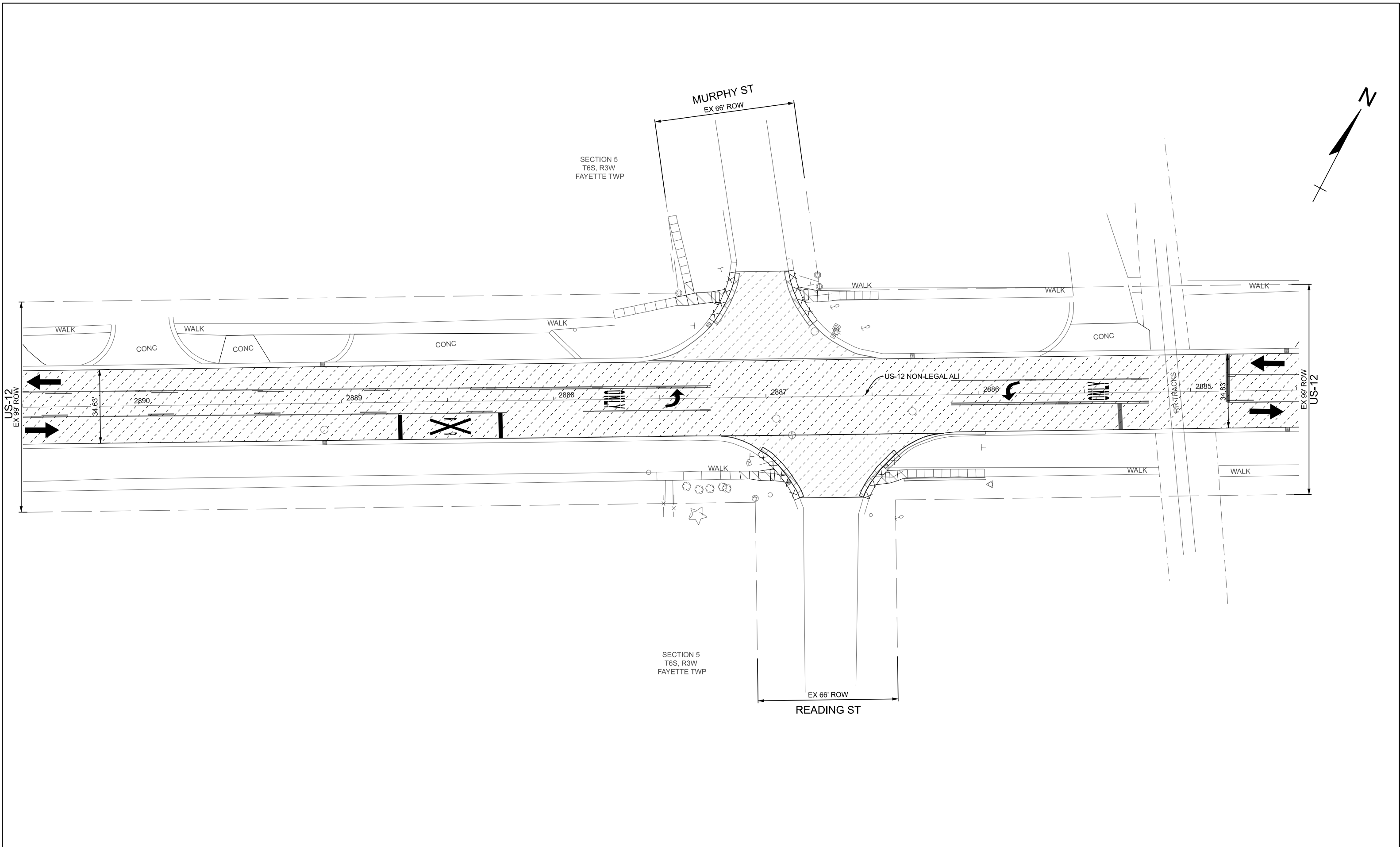
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TSC: JACKSON

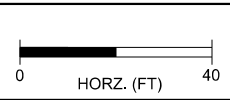
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CONSTRUCTION SHEET
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2896+50 TO 2890+50

DRAWING SHEET
US12 CON 005 SECT 1 25



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



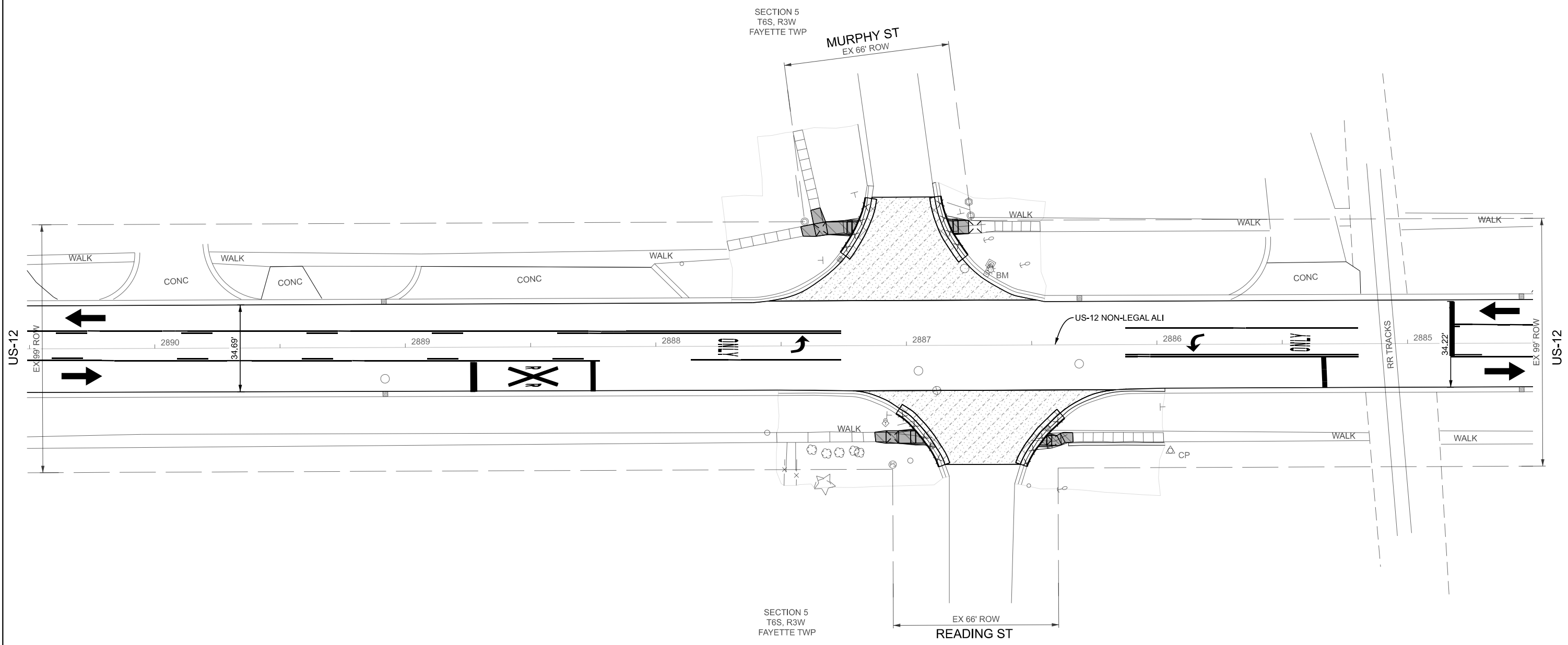
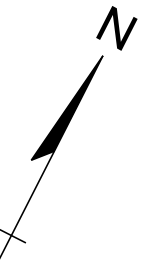
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TSC: JACKSON

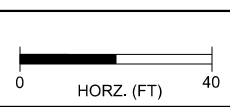
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REMOVAL SHEET
US-12 FROM WEST OF PINE ST TO CONCORD RD
US-12 STA 2890+50 TO 2884+50

DRAWING SHEET
US12 REM 006
SECT 1
26



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



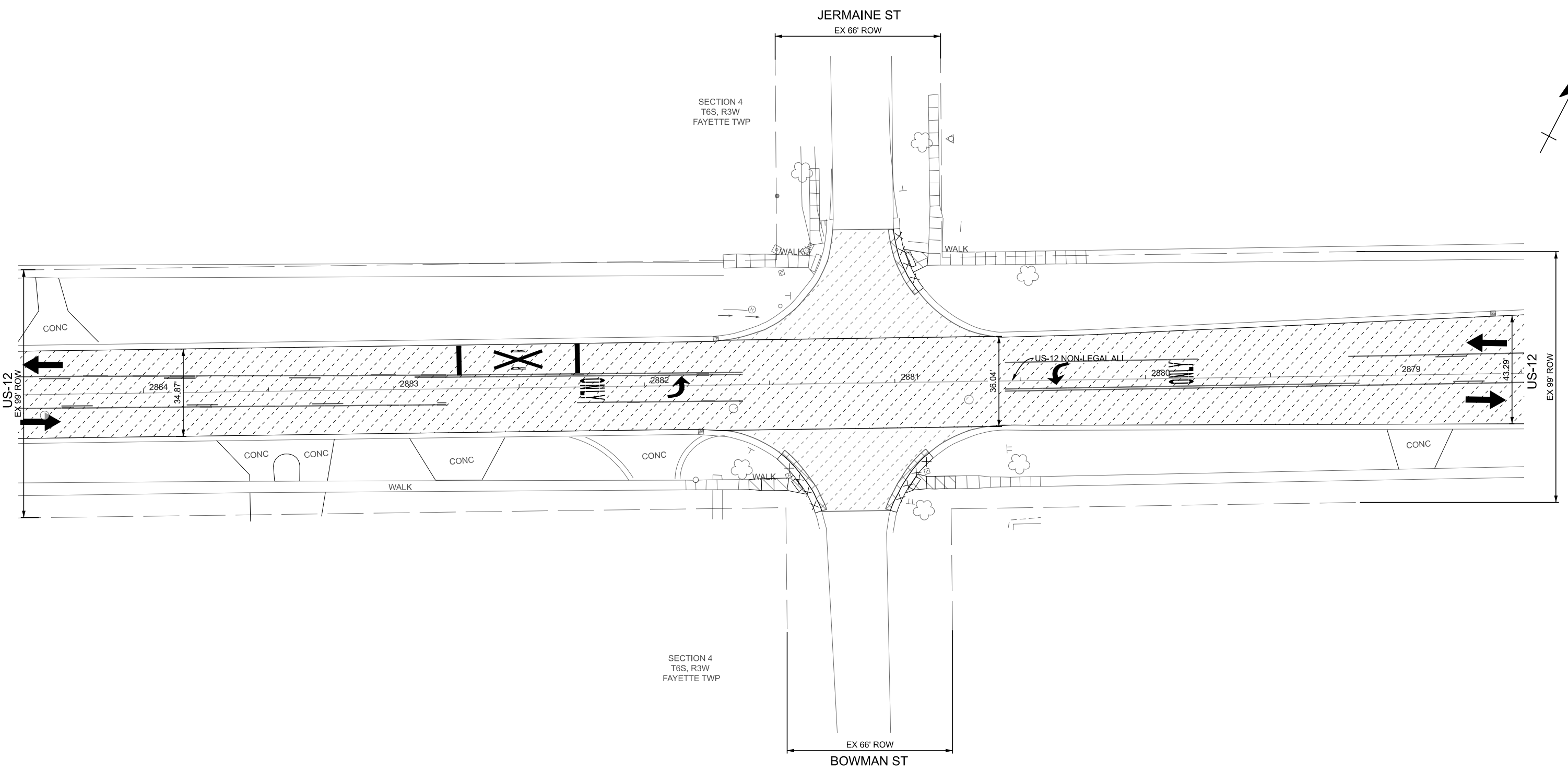
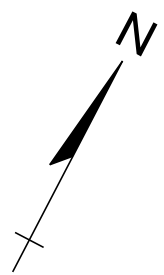
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DATE: 10/22/2024
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 TSC: JACKSON

CS: 3006101
 JN: 213389

CONSTRUCTION SHEET
 US-12 FROM WEST OF PINE DR TO CONCORD RD
 US-12 STA 2890+50 TO 2884+50

DRAWING SHEET
 US12 CON 006
 SECT 1 27



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



FILE: 213389_US12_REM007.dgn
 DATE: 12/9/2024
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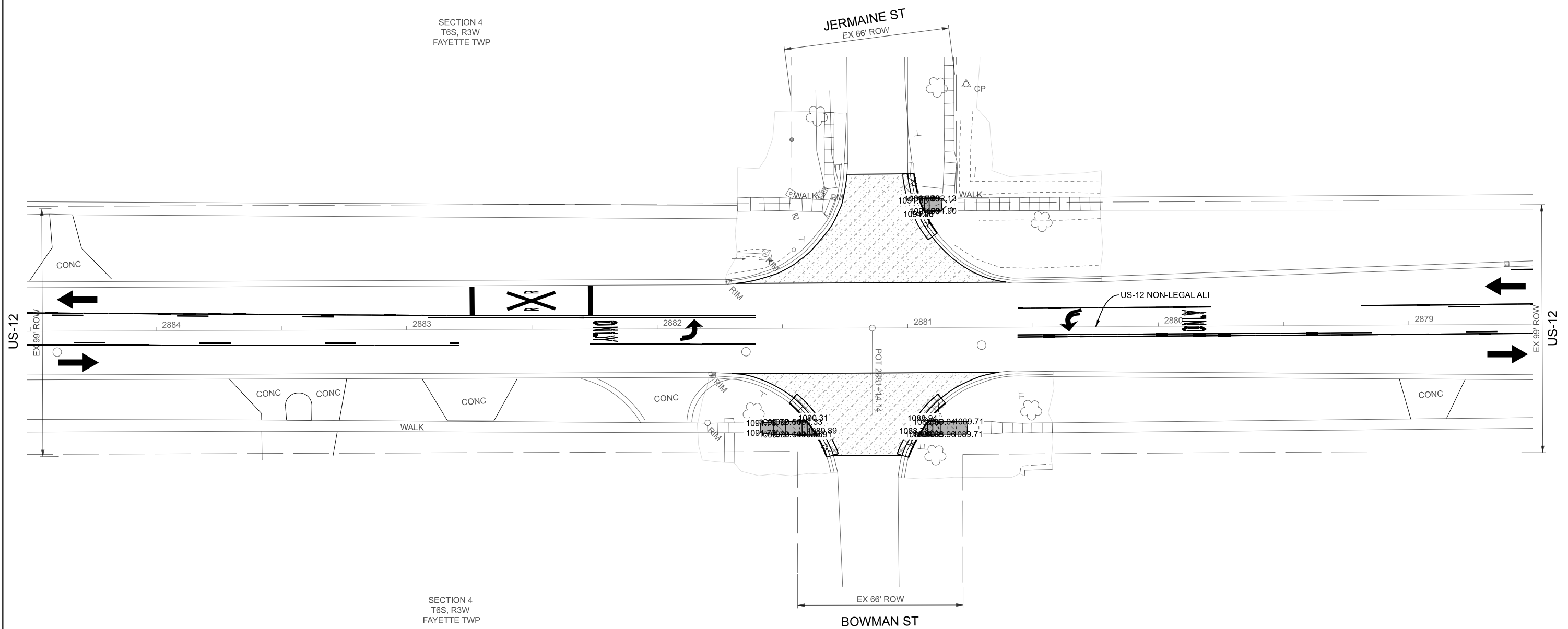
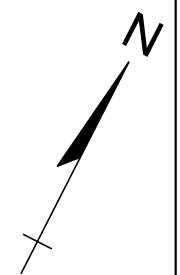
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REMOVAL SHEET
 US-12 FROM WEST OF PINE ST TO CONCORD RD
 US-12 STA 2884+50 TO 2878+50

DRAWING SHEET
 US12 REM 007
 SECT 1
 28

SECTION 4
T6S, R3W
FAYETTE TWP

SECTION 4
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



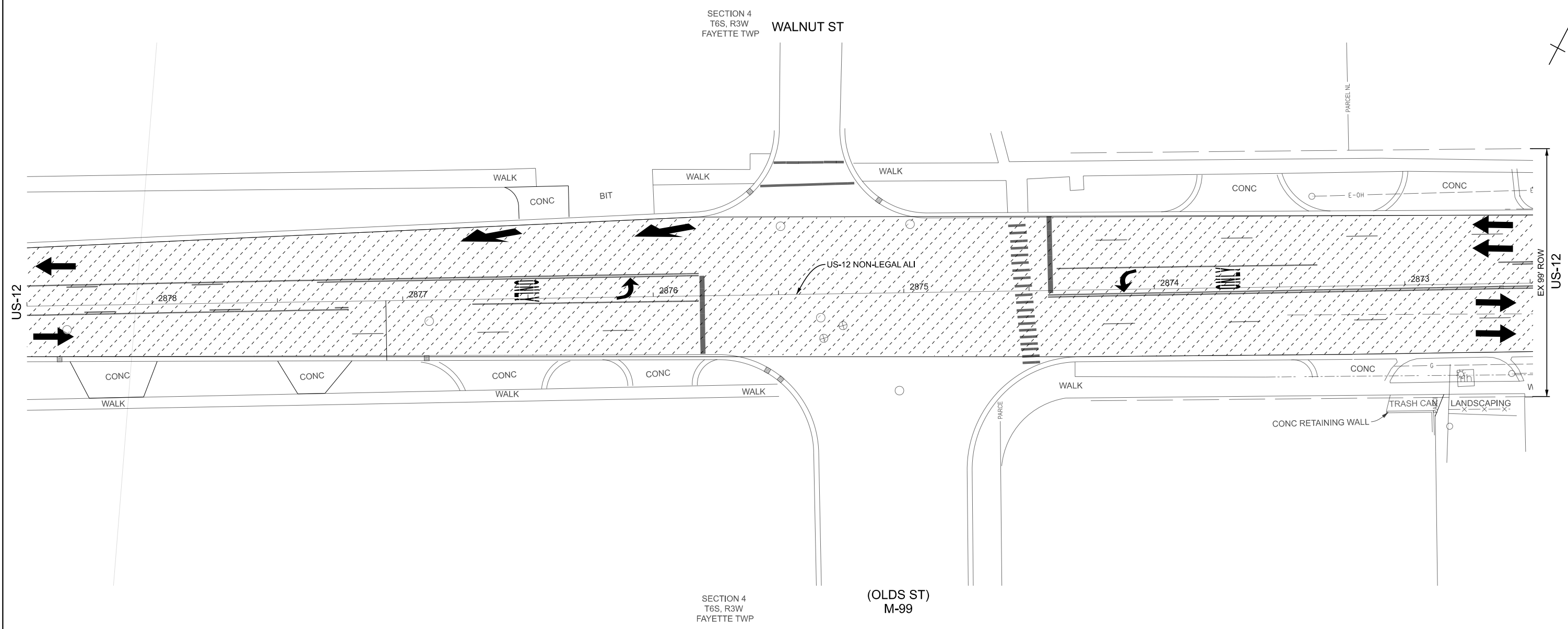
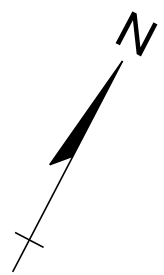
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DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

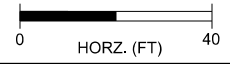
CS: 3006101
JN: 213389

CONSTRUCTION SHEET
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2884+50 TO 2878+50

DRAWING SHEET
US12 CON 007
SECT 1
29



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



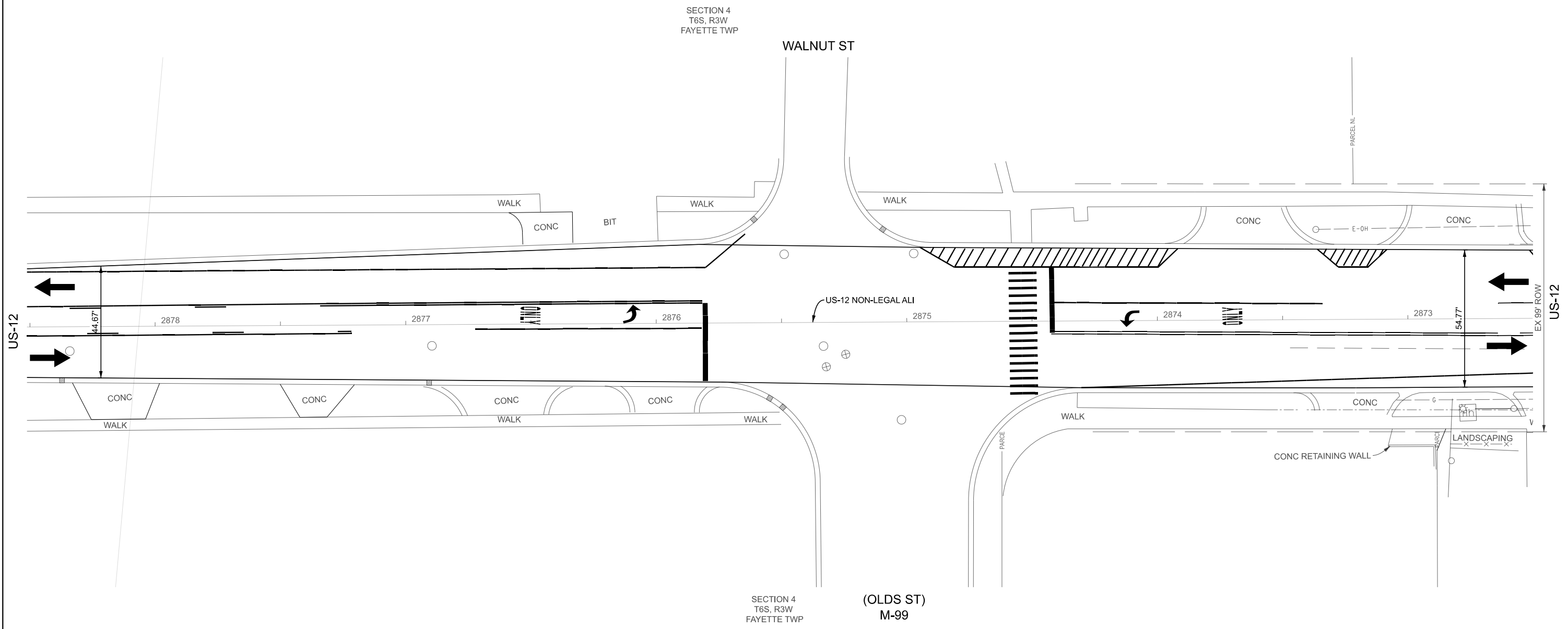
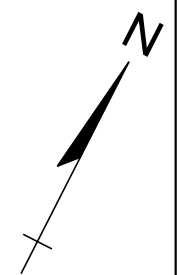
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DATE: 12/10/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006101
 JN: 213389

REMOVAL SHEET
 US-12 FROM WEST OF PINE ST TO CONCORD RD
 US-12 STA 2878+50 TO 2872+50

DRAWING SHEET
 US12 REM 008 SECT 1
 30



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



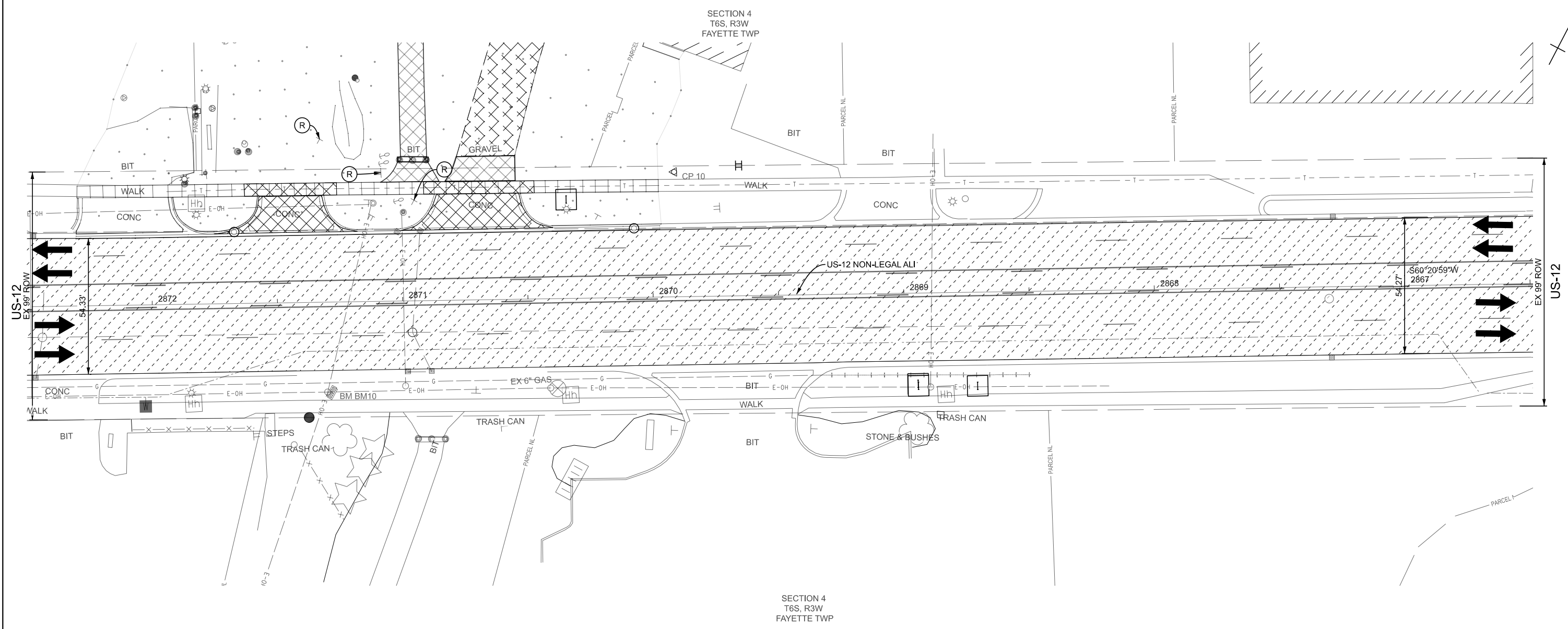
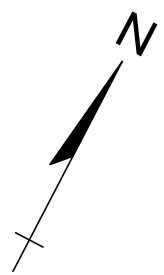
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 JN: 213389

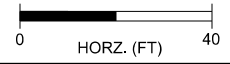
CONSTRUCTION SHEET
 US-12 FROM WEST OF PINE DR TO CONCORD RD
 US-12 STA 2878+50 TO 2872+50

DRAWING SHEET
 US12 CON 008
 SECT 1
 31



SECTION 4
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



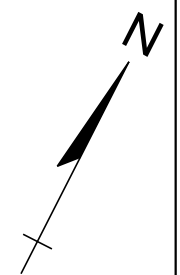
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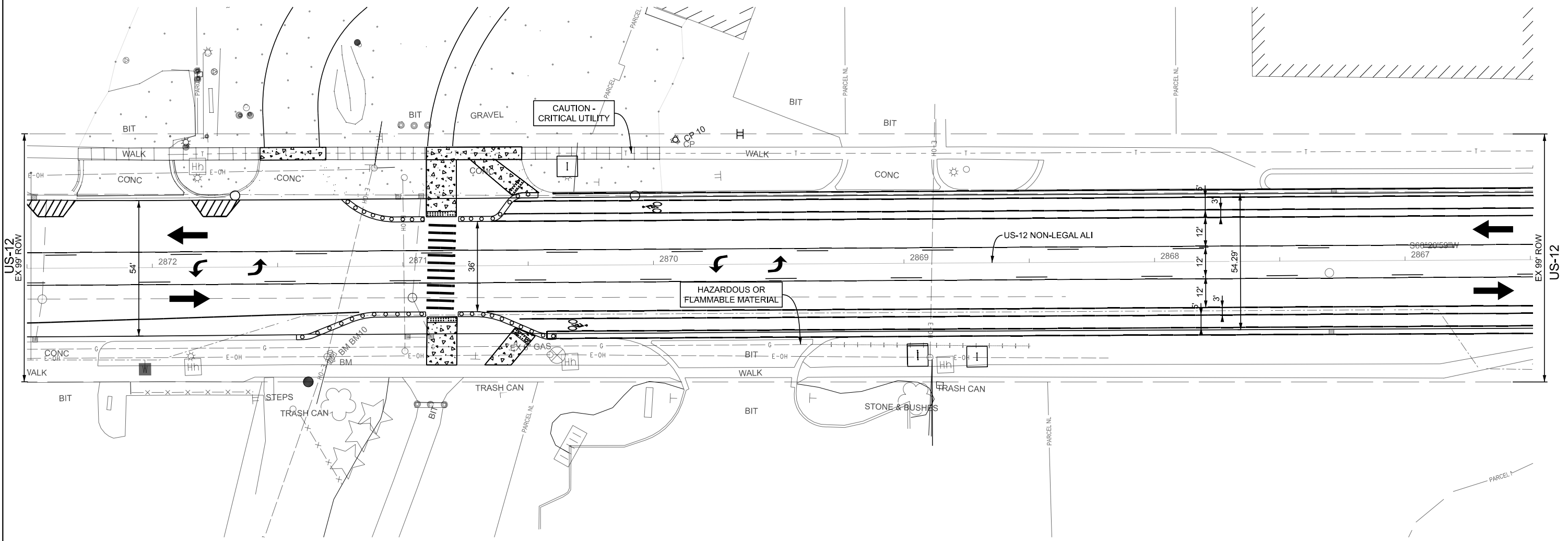
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JN: 213389

REMOVAL SHEET
US-12 FROM WEST OF PINE ST TO CONCORD RD
US-12 STA 2872+50 TO 2866+50

DRAWING SHEET
US12 REM 009
SECT 1
32



SECTION 4
T6S, R3W
FAYETTE TWP



SECTION 4
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

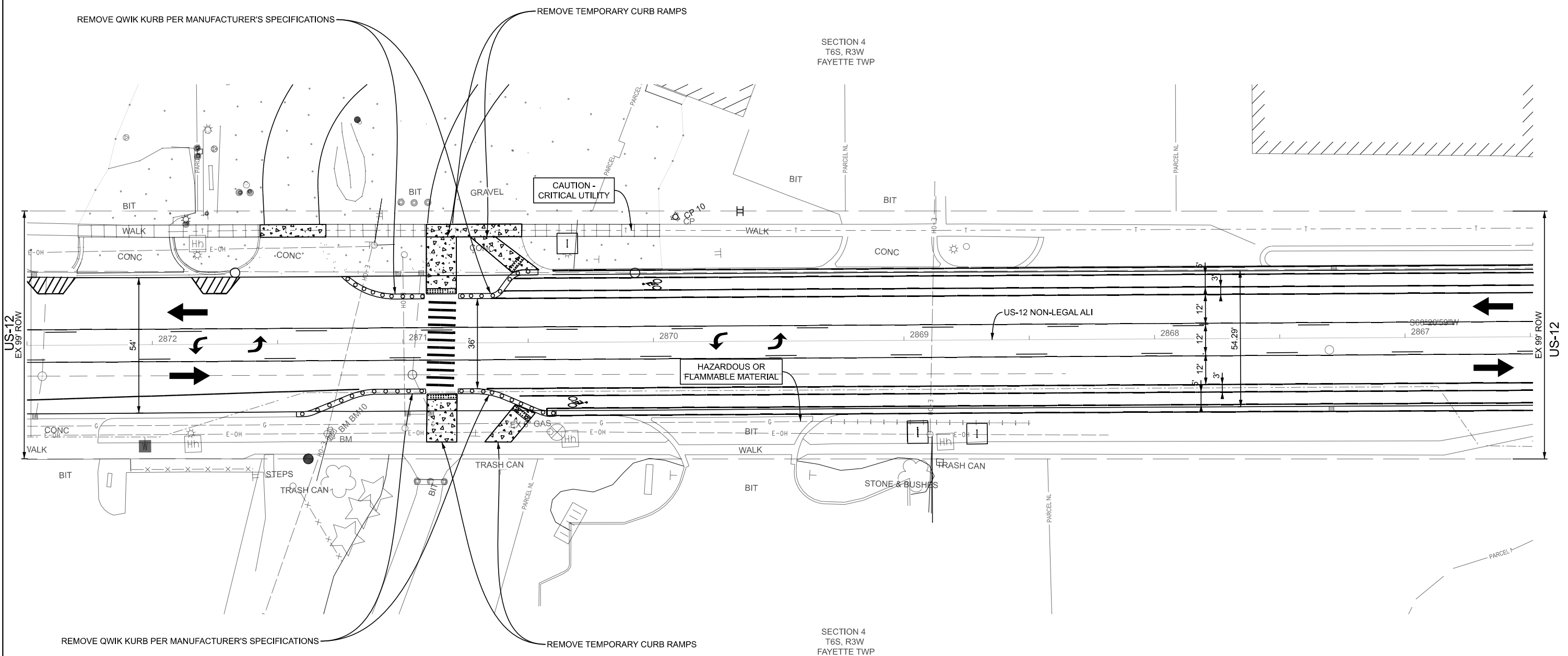
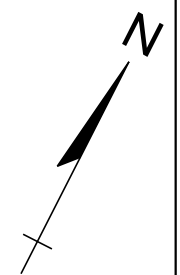


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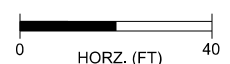
CS: 3006101
JN: 213389

CONSTRUCTION SHEET - PHASE I
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2872+50 TO 2886+50

DRAWING SHEET
US12 CON 009
SECT 1
33



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

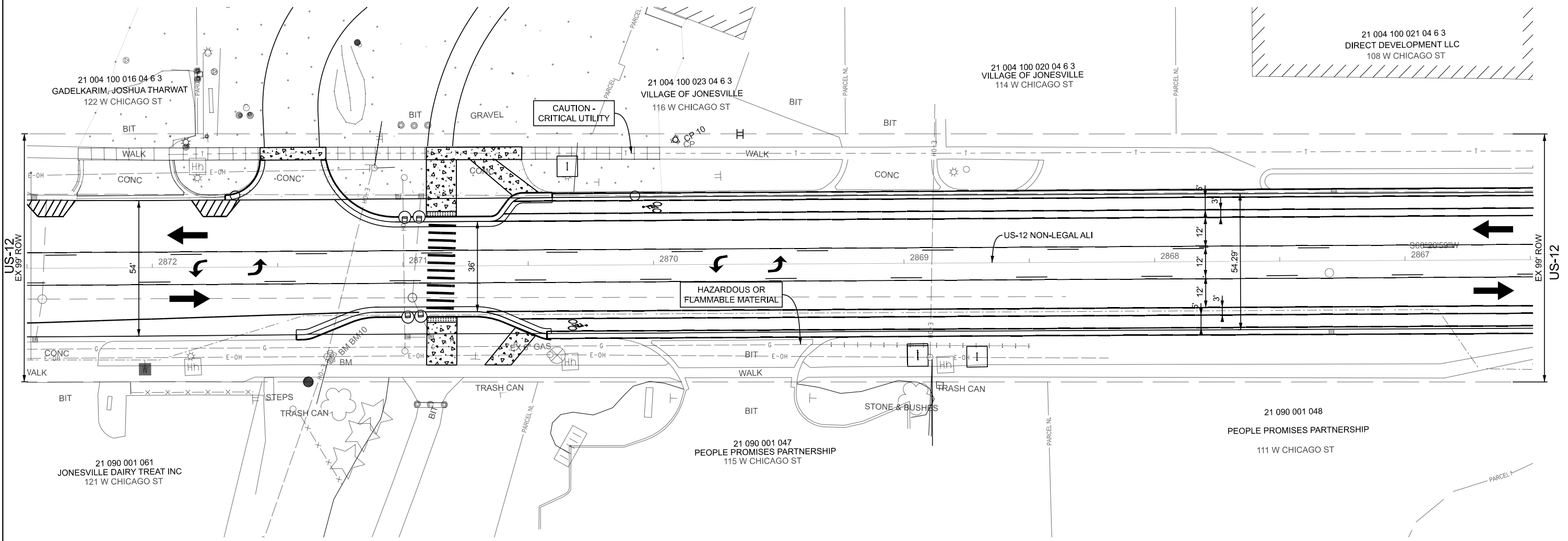
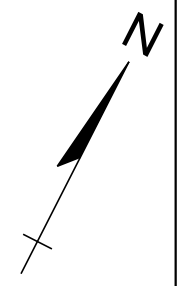


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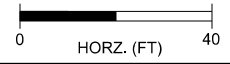
CS: 3006101
 JN: 213389

REMOVAL SHEET - PHASE II
 US-12 FROM WEST OF PINE DR TO CONCORD RD
 US-12 STA 2872+50 TO 2886+50

DRAWING SHEET
 US12 REM 009A SECT 1
 34



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



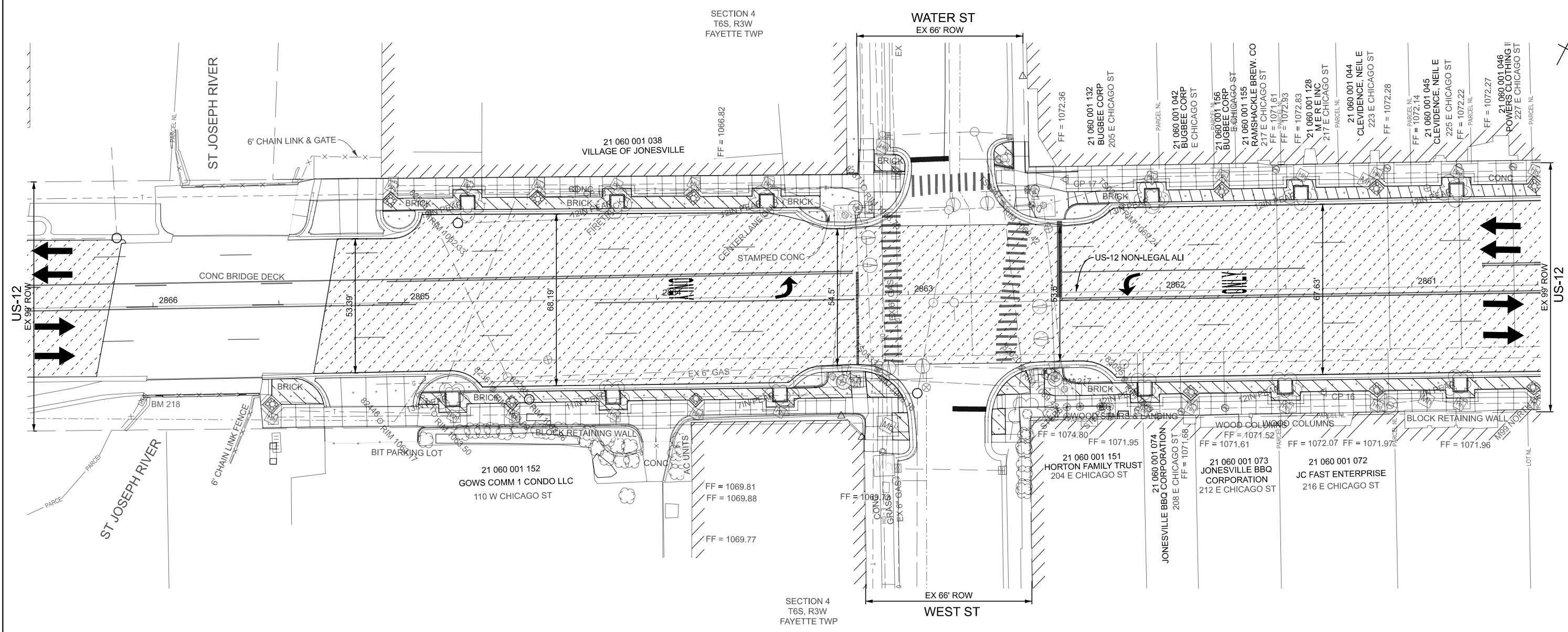
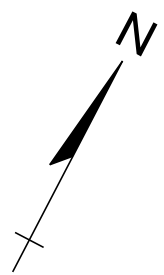
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DATE: 12/9/2024
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 TSC: JACKSON

CS: 3006101
 JN: 213389

CONSTRUCTION SHEET - PHASE II
 US-12 FROM WEST OF PINE DR TO CONCORD RD
 US-12 STA 2872+50 TO 2886+50

DRAWING SHEET
 US12 CON 009A SECT 1
 34



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



SECTION 4
T6S, R3W
FAYETTE TWP

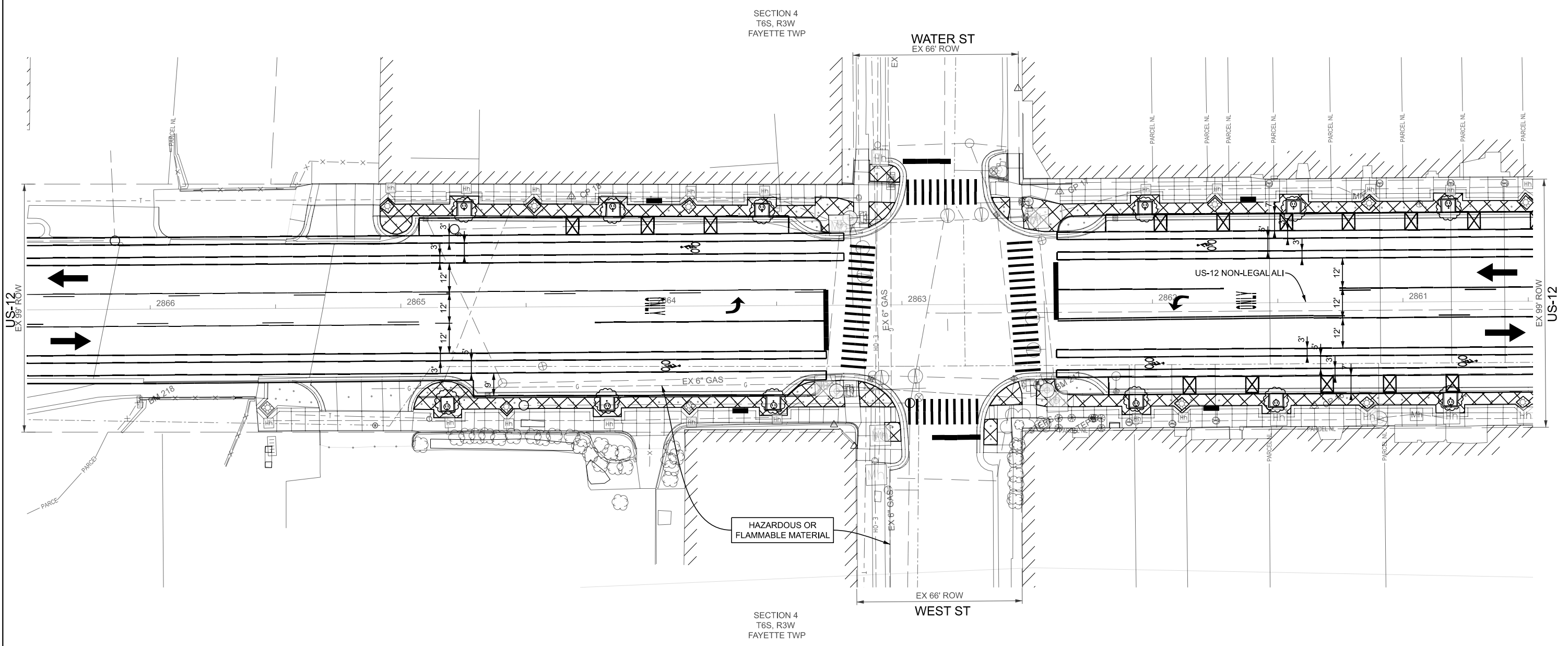
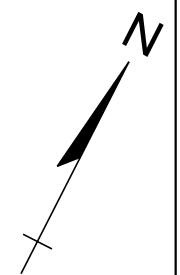
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DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3006101
JN: 213389

REMOVAL SHEET
US-12 FROM WEST OF PINE ST TO CONCORD RD
US-12 STA 2866+50 TO 2860+50

DRAWING SHEET
US12 REM 010 SECT 1 35



SECTION 4
T6S, R3W
FAYETTE TWP

WATER ST
EX 66' ROW

SECTION 4
T6S, R3W
FAYETTE TWP

WEST ST
EX 66' ROW

HAZARDOUS OR
FLAMMABLE MATERIAL

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



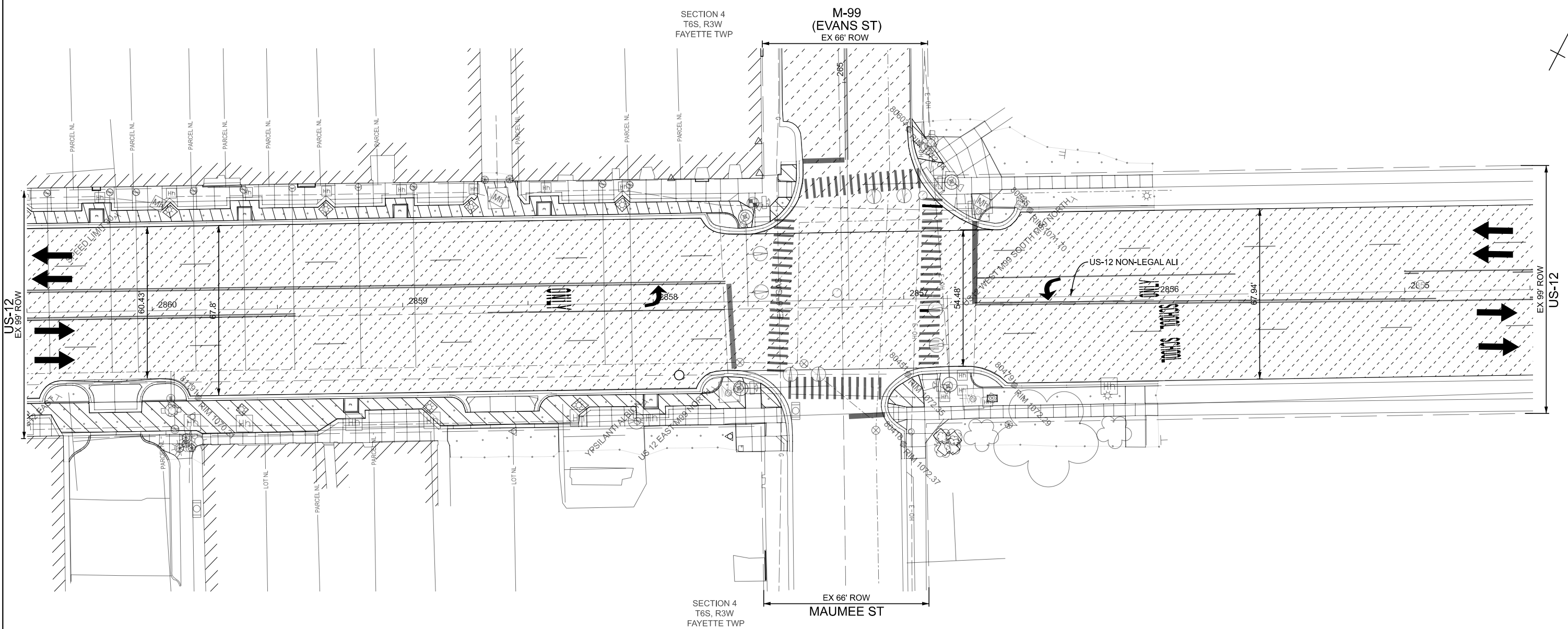
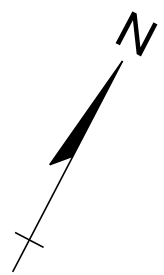
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TSC: JACKSON

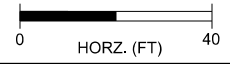
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JN: 213389

CONSTRUCTION SHEET
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2866+50 TO 2860+50

DRAWING	SHEET
US12 CON 010	SECT 1 37



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	NO.	DATE



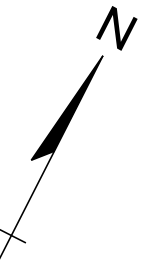
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DATE: 12/9/2024
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CS: 3006101, 3006201
 JN: 213389

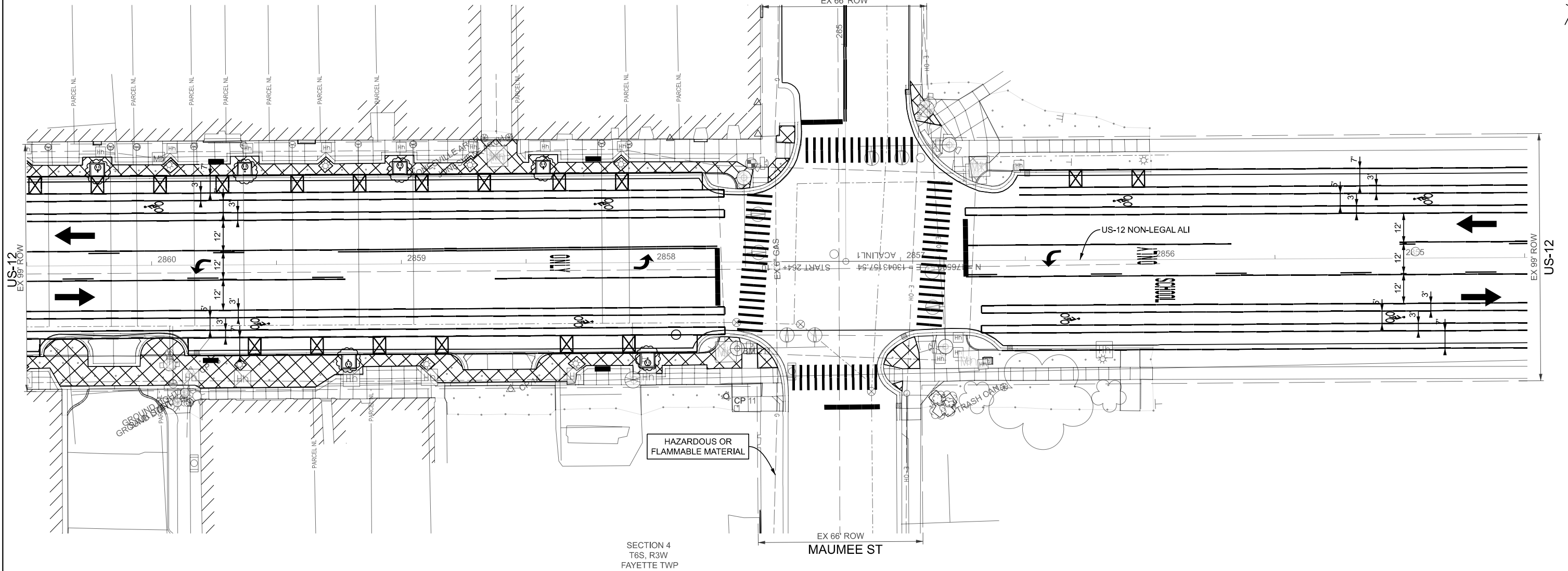
REMOVAL SHEET
 US-12 FROM WEST OF PINE ST TO CONCORD RD
 US-12 STA 2860+50 TO 2854+50

DRAWING SHEET
 US12 REM 011
 SECT 1 38



SECTION 4
T6S, R3W
FAYETTE TWP

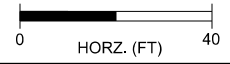
M-99
(EVANS ST)
EX 66' ROW



SECTION 4
T6S, R3W
FAYETTE TWP

EX 66' ROW
MAUMEE ST

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



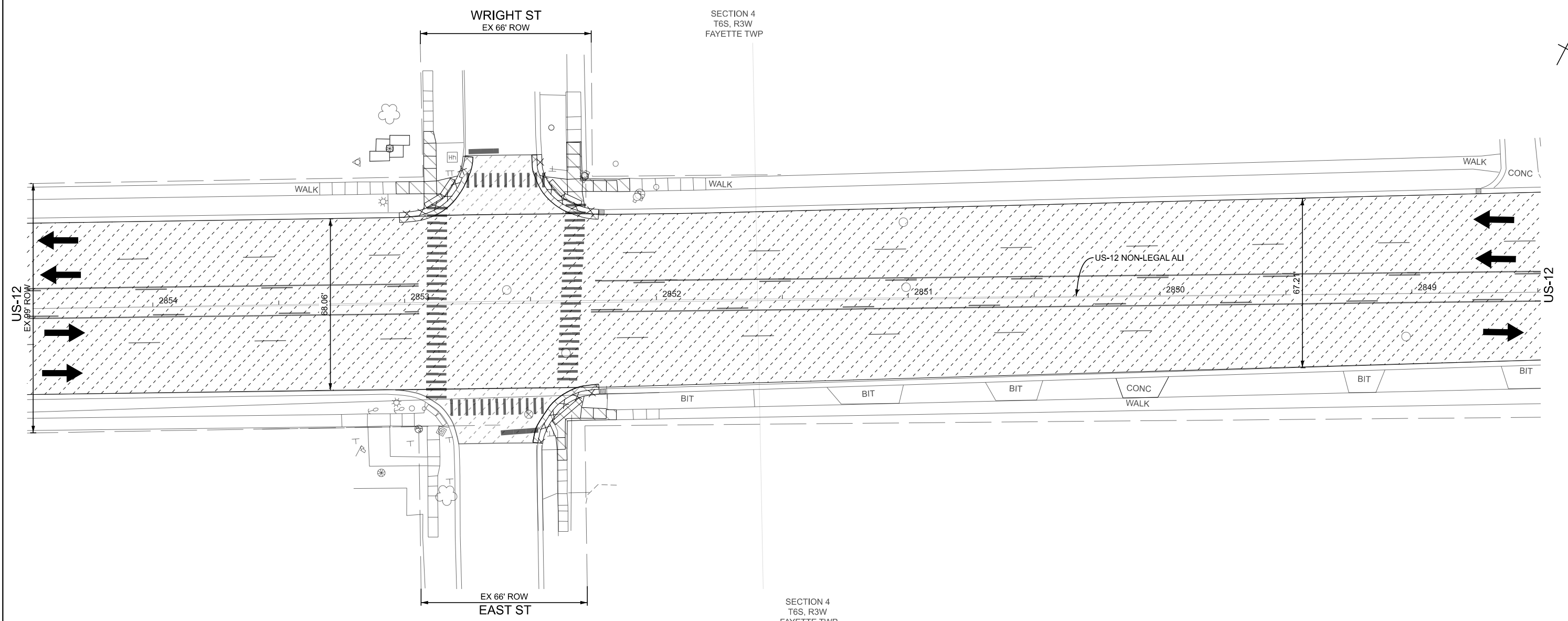
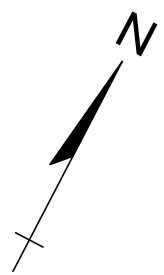
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DATE: 12/9/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3006101, 3006201
JN: 213389

CONSTRUCTION SHEET
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2860+50 TO 2854+50

DRAWING SHEET
US12 CON 011
SECT 1
39



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



SECTION 4
T6S, R3W
FAYETTE TWP

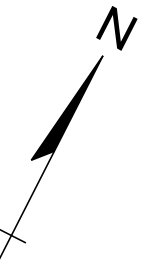
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DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3006201
JN: 213389

REMOVAL SHEET - PHASE I
US-12 FROM WEST OF PINE ST TO CONCORD RD
US-12 STA 2854+50 TO 2848+50

DRAWING SHEET
US12 REM 012
SECT 1
40

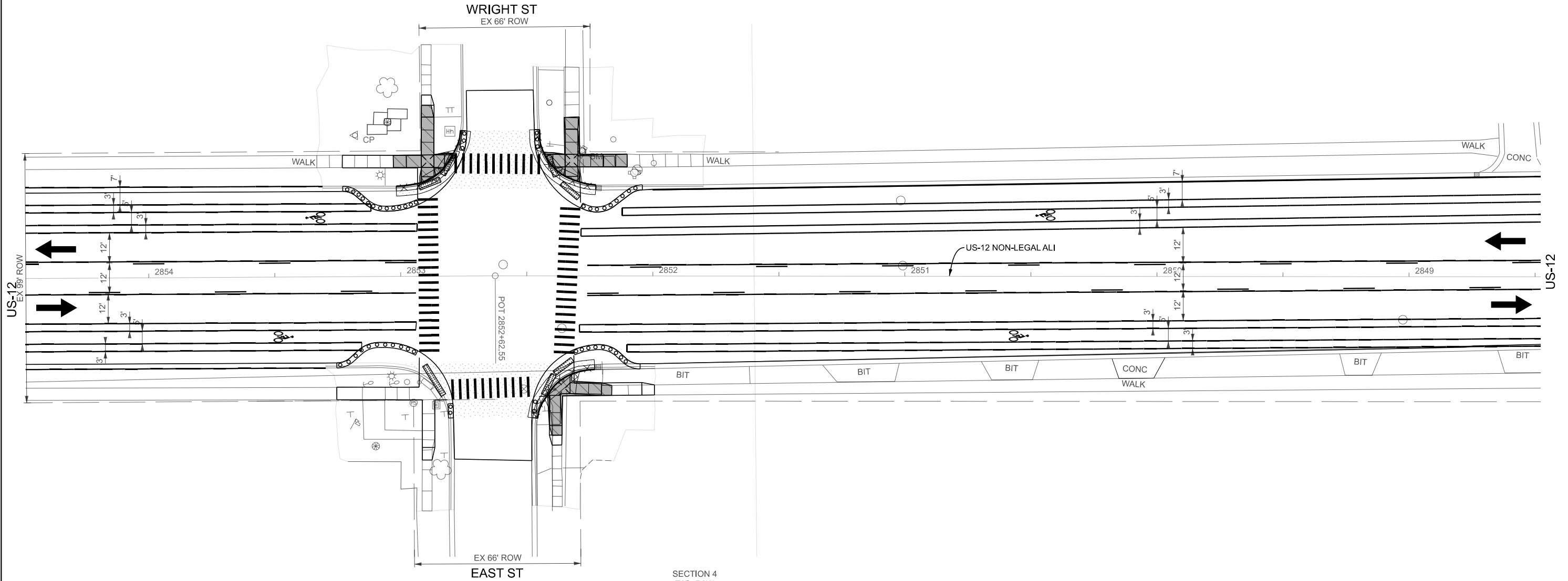


SECTION 4
T6S, R3W
FAYETTE TWP

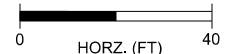
WRIGHT ST
EX 66' ROW

EAST ST
EX 66' ROW

SECTION 4
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



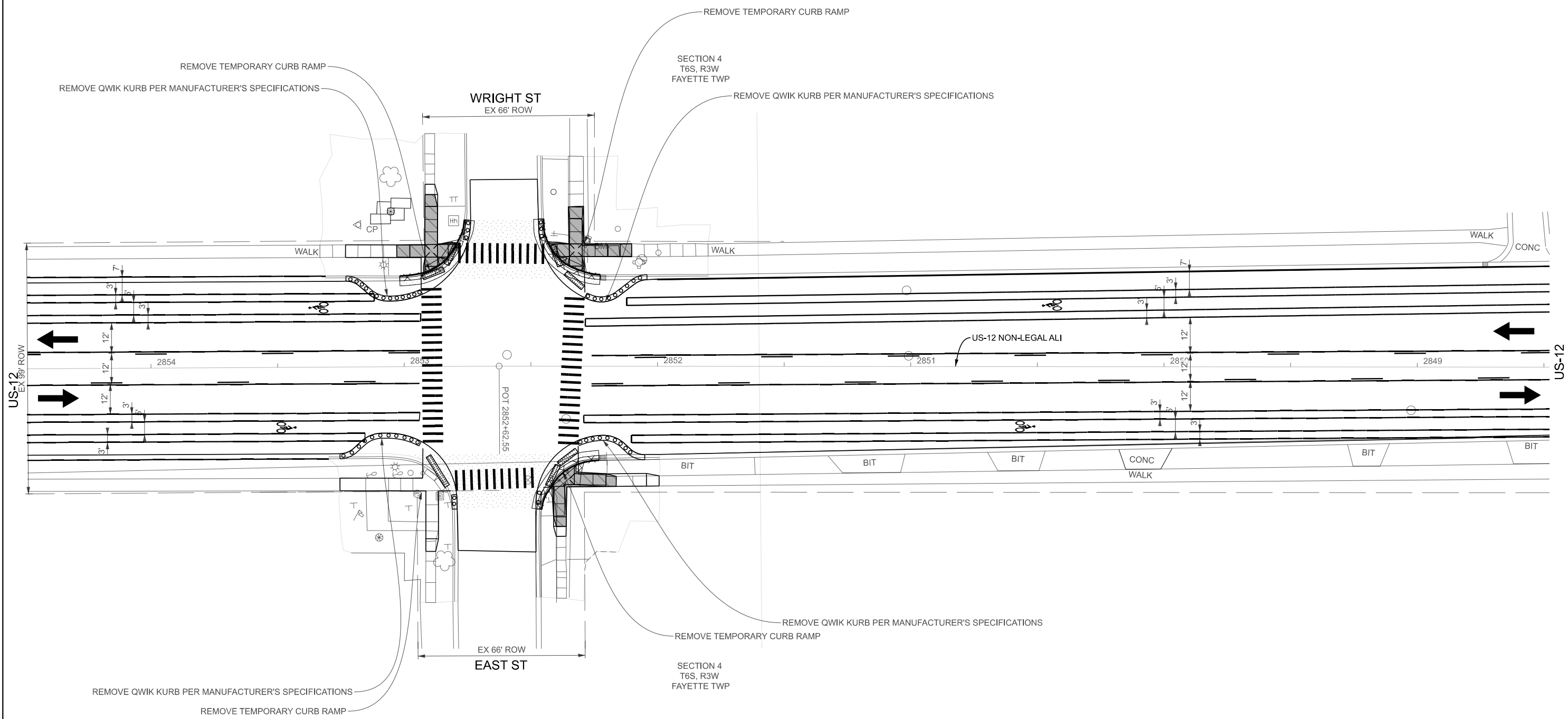
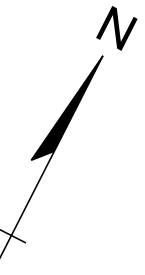
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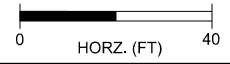
CS: 3006201
JN: 213389

CONSTRUCTION SHEET- PHASE I
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2854+50 TO 2848+50

DRAWING SHEET
US12 CON 012 SECT 1
41



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



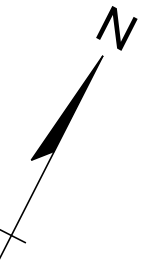
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DATE: 12/9/2024
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CS: 3006201
 JN: 213389

DRAWING SHEET
 US12 REM 012A
 SECT 1
 42

REMOVAL SHEET - PHASE II
 US-12 FROM WEST OF PINE DR TO CONCORD RD
 US-12 STA 2854+50 TO 2848+50

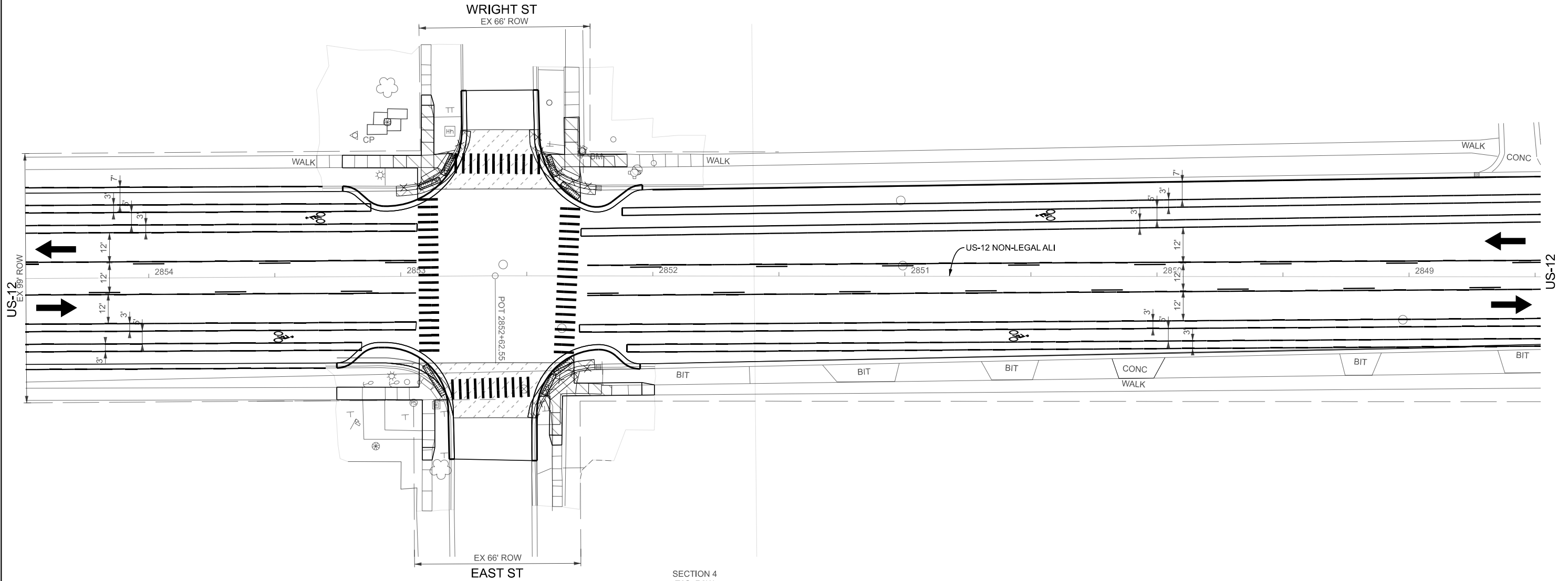


SECTION 4
T6S, R3W
FAYETTE TWP

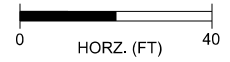
WRIGHT ST
EX 66' ROW

EAST ST
EX 66' ROW

SECTION 4
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



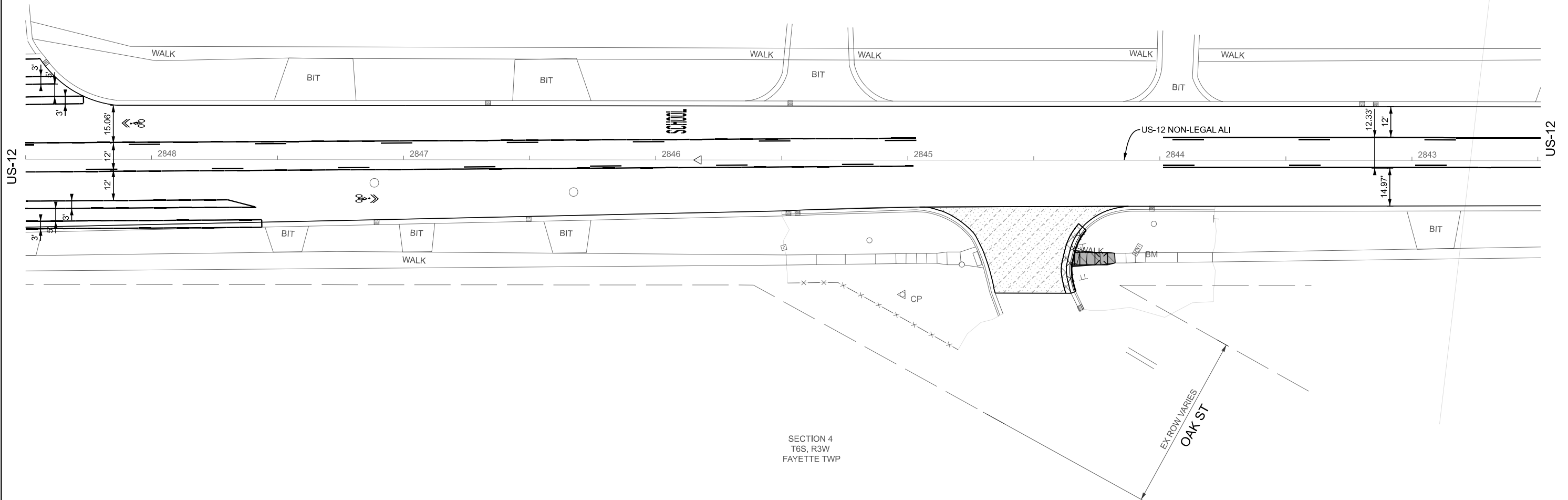
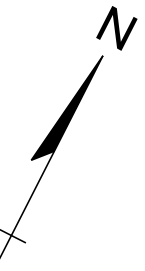
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JN: 213389

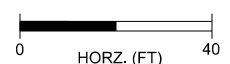
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US-12 FROM WEST OF PINE DR TO CONCORD RD		US12 CON 012A	SECT 1
US-12 STA 2854+50 TO 2848+50			43

SECTION 4
T6S, R3W
FAYETTE TWP



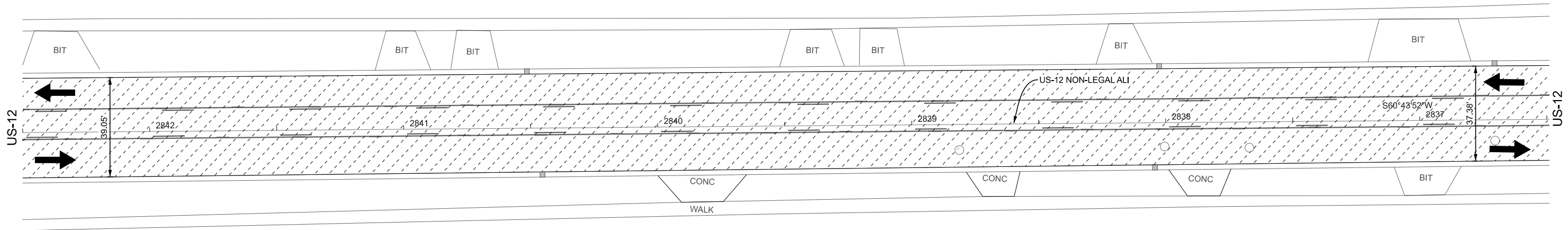
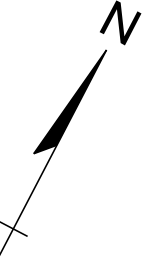
SECTION 4
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:		CONSTRUCTION SHEET			DRAWING SHEET	
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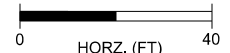


DATE: 10/22/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON
 CS: 3006201
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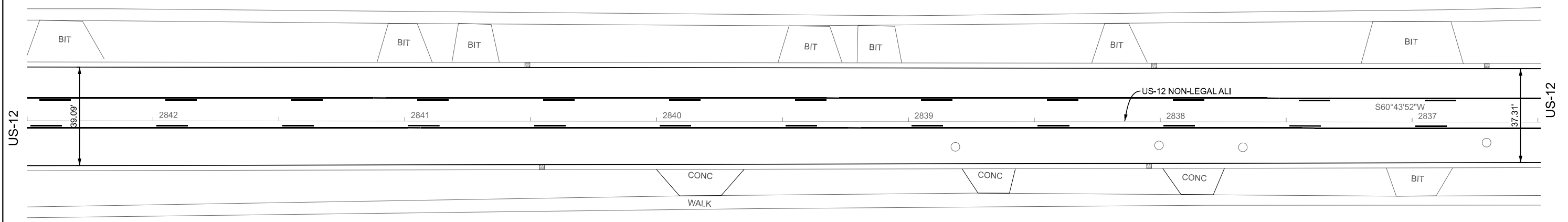
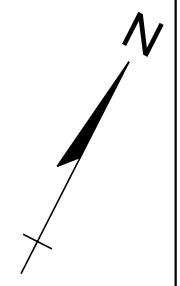
SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024		CS: 3006201		REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	TSC: JACKSON	JN: 213389	US-12 FROM WEST OF PINE ST TO CONCORD RD		US12 REM 014	SECT 1	
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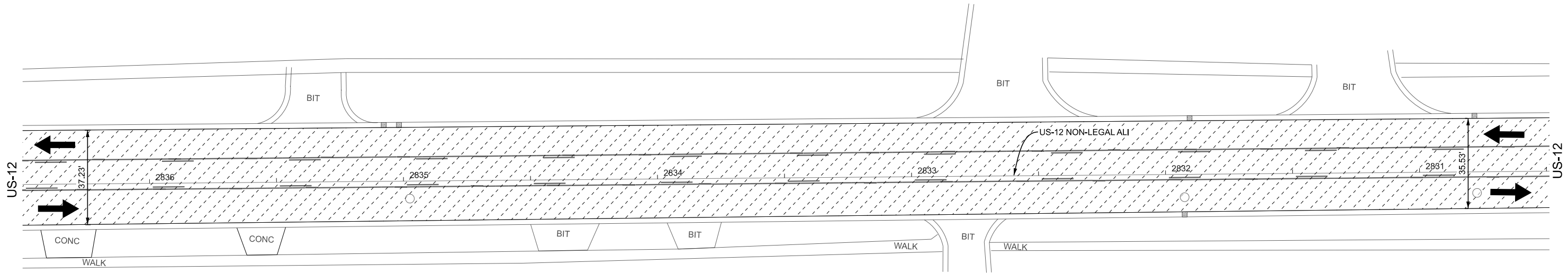
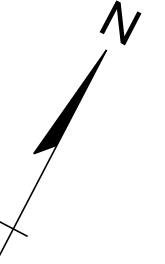
SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

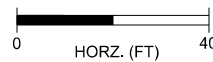
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										FILE: 213389_US12_CON014.dgn	TSC: JACKSON	US-12 STA 2842+50 TO 2836+50				

SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



FILE: 213389_US12_REM015.dgn

DATE: 10/22/2024

DESIGN UNIT: L HUMMEL

TSC: JACKSON

CS: 3006201

JN: 213389

REMOVAL SHEET

US-12 FROM WEST OF PINE ST TO CONCORD RD

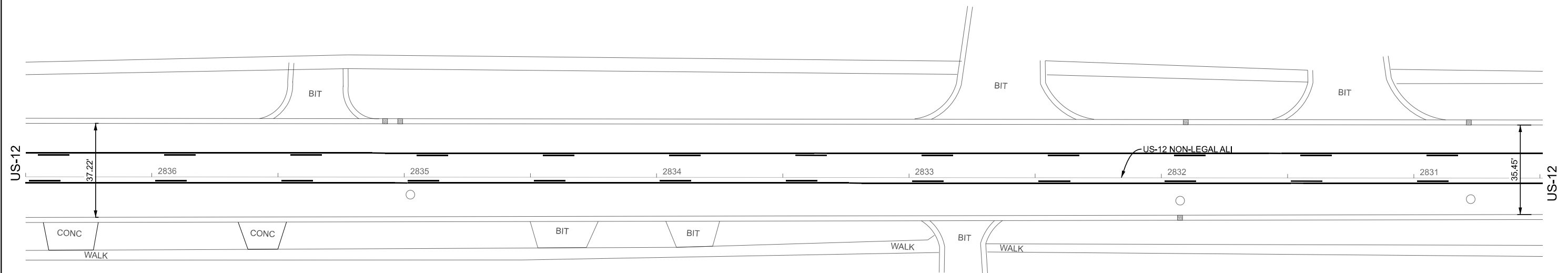
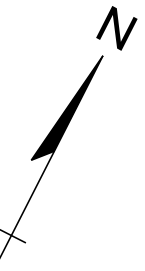
US-12 STA 2836+50 TO 2830+50

DRAWING SHEET



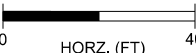
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48

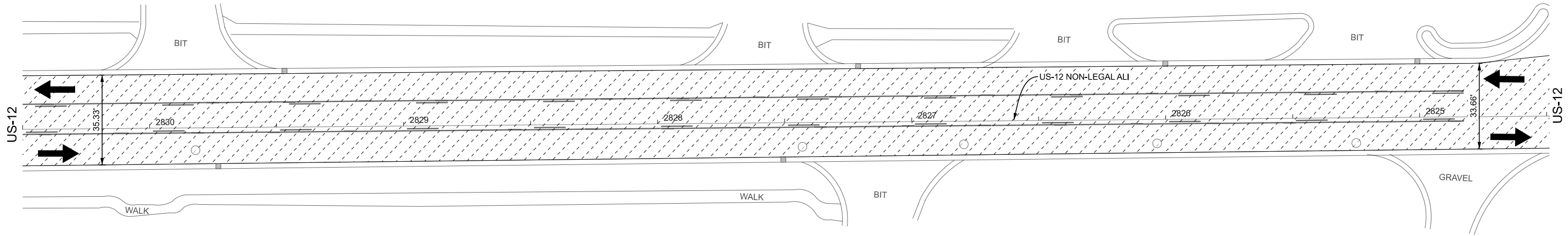
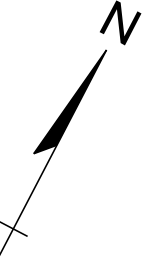
SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

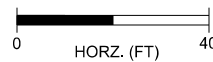
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NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	DESIGN UNIT: L HUMMEL	TSC: JACKSON				JN: 213389	US-12 FROM WEST OF PINE DR TO CONCORD RD		US12 CON 015	SECT 1			
											FILE: 213389_US12_CON015.dgn		US-12 STA 2836+50 TO 2830+50		015	49				

SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



FILE: 213389_US12_REM016.dgn

DATE: 10/22/2024

DESIGN UNIT: L HUMMEL

TSC: JACKSON

CS: 3006201

JN: 213389

REMOVAL SHEET

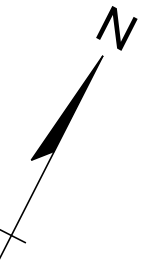
US-12 FROM WEST OF PINE ST TO CONCORD RD

US-12 STA 2830+50 TO 2824+50

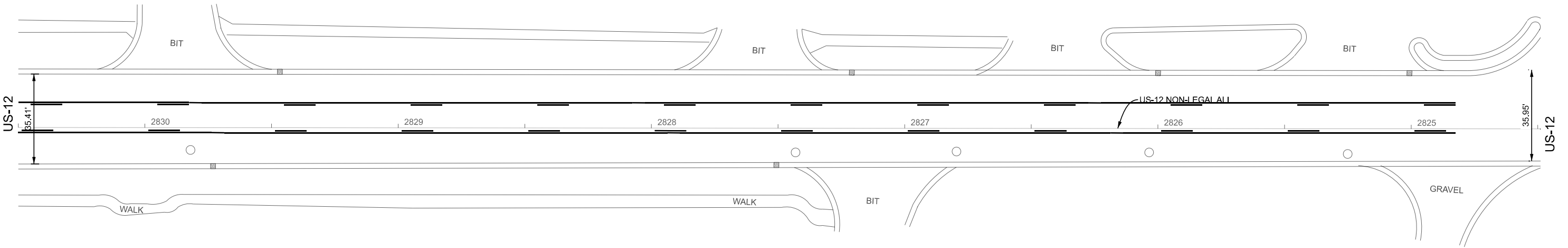
DRAWING SHEET

US12 REM SECT 1



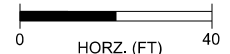
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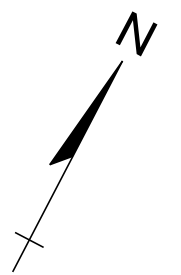


SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024 DESIGN UNIT: L HUMMEL TSC: JACKSON	CS: 3006201 JN: 213389	CONSTRUCTION SHEET	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION						DRAWING	SHEET
												US12 CON 016	SECT 1 51	
												US-12 FROM NOE ST TO OAK ST		
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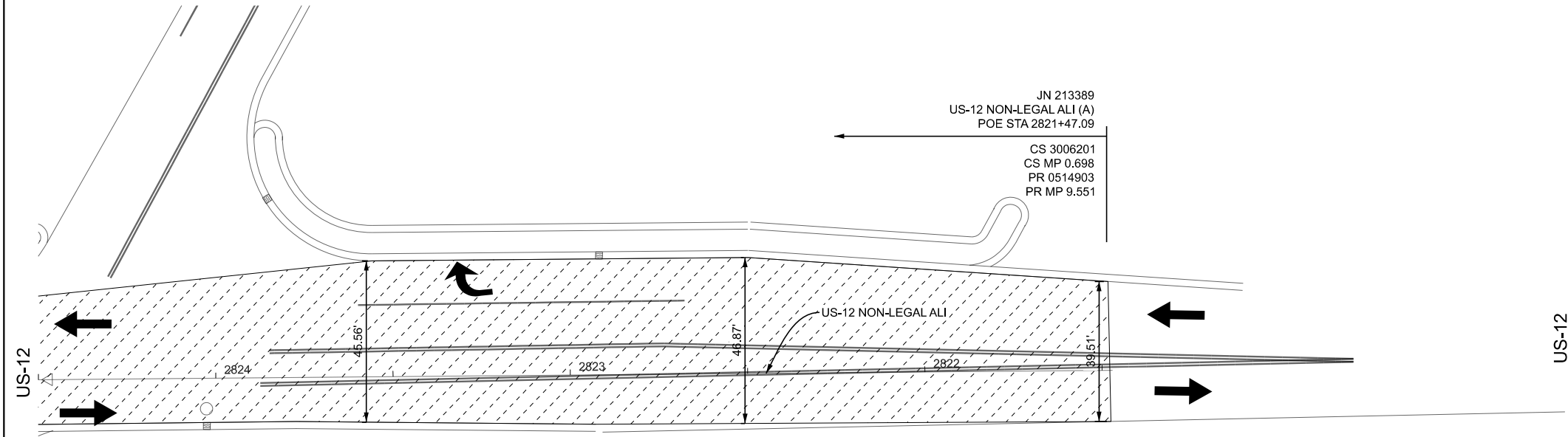


CONCORD RD




SECTION 33
T5S, R3W
FAYETTE TWP

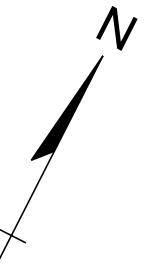
JN 213389
US-12 NON-LEGAL ALI (A)
POE STA 2821+47.09

CS 3006201
CS MP 0.698
PR 0514903
PR MP 9.551



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024 DESIGN UNIT: L HUMMEL TSC: JACKSON	CS: 3006201 JN: 213389	REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION						US-12 FROM WEST OF PINE ST TO CONCORD RD			
										FILE: 213389_US12_REM017.dgn			US-12 STA 2824+50 TO 2821+47			



CONCORD RD

SECTION 33
T5S, R3W
FAYETTE TWP

JN 213389
US-12 NON-LEGAL ALI (A)
POE STA 2821+47.09

CS 3006201
CS MP 0.698
PR 0514903
PR MP 9.551

N = 178250.94, E = 1306274.48
ACALINE
START 2821+47.09

US-12 NON-LEGAL ALI

2824

2823

2822

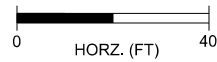
US-12

US-12

SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS SUBMITTAL DATE:

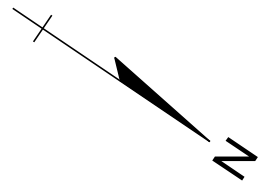
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DATE: 10/22/2024	CS: 3006201
DESIGN UNIT: L HUMMEL	JN: 213389
TSC: JACKSON	FILE: 213389_US12_CON017.dgn

CONSTRUCTION SHEET
US-12 FROM WEST OF PINE DR TO CONCORD RD
US-12 STA 2824+50 TO 2821+47

DRAWING	SHEET
US12 CON 017	SECT 1 53

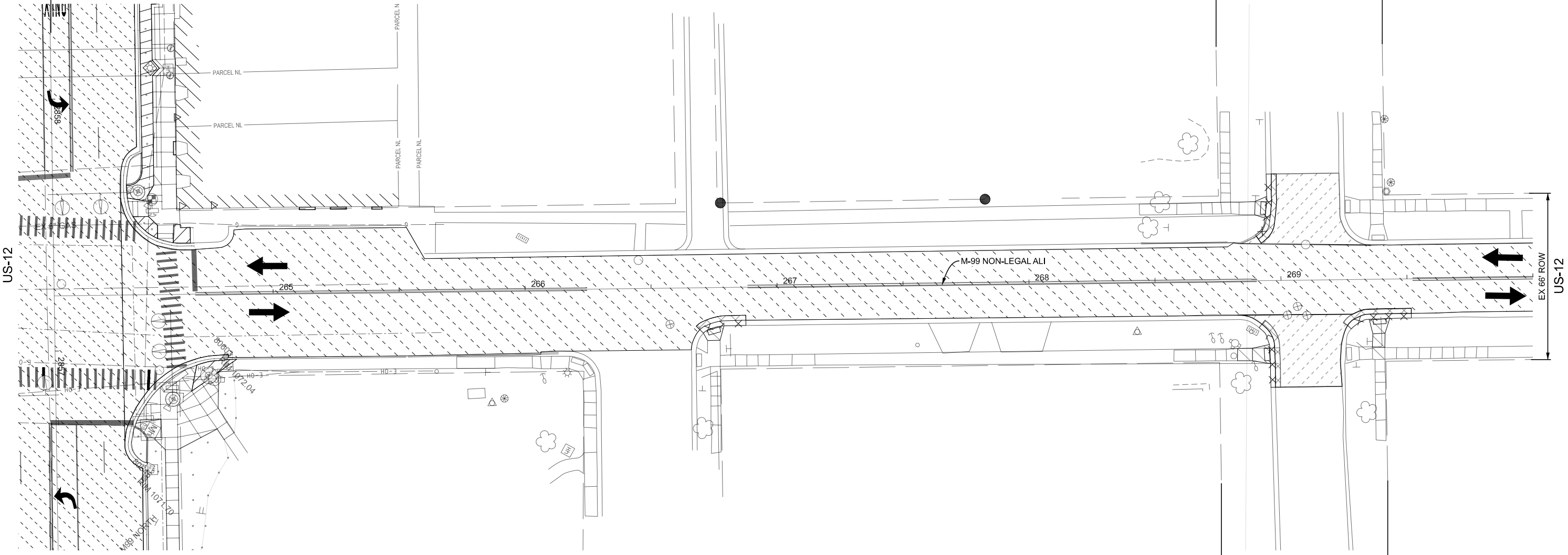


JN 213389
M-99 NON-LEGAL ALI (A)
POB STA 264+13.10

CS 3003301
CS MP 0.000
PR 0517206
PR MP 0.000

SECTION 4
T6S, R3W
FAYETTE TWP

NORTH ST
EX 66' ROW

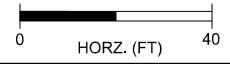


PARK ST

SECTION 4
T6S, R3W
FAYETTE TWP

EX 66' ROW
NORTH ST

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



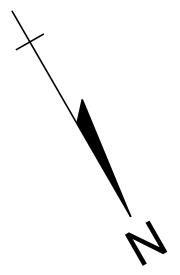
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DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3003301
JN: 213389

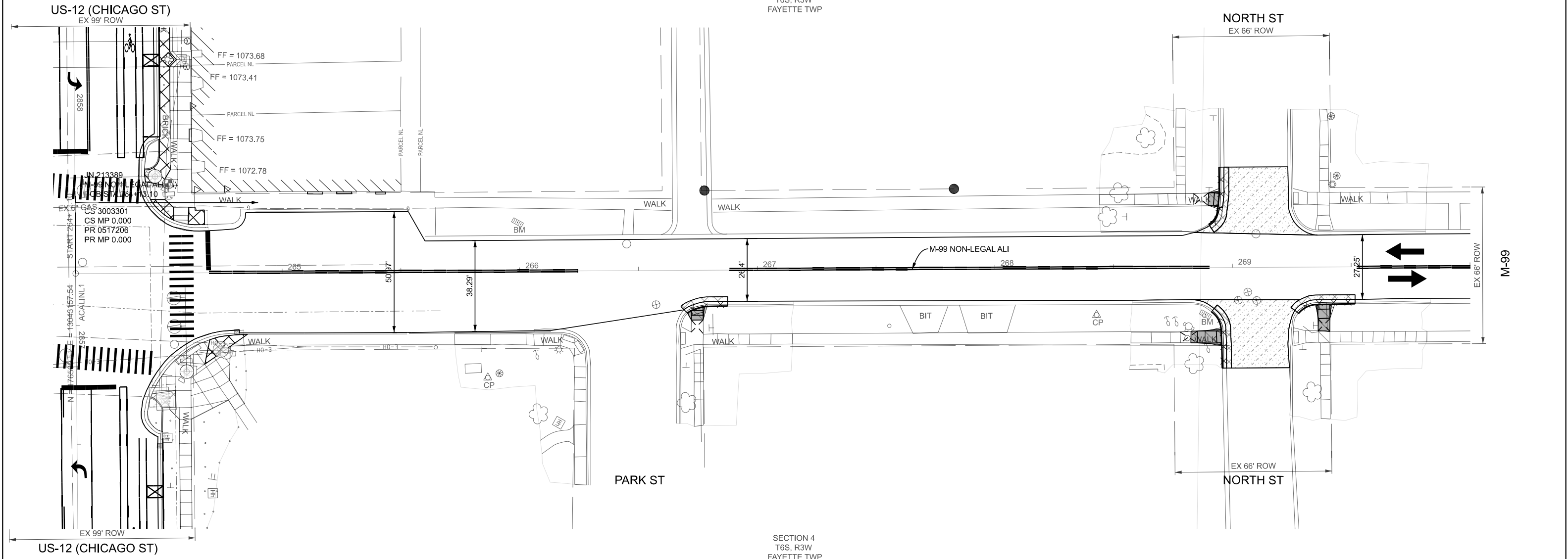
REMOVAL SHEET
M-99 FROM US-12 TO GRANT ST
M-99 STA 264+13 TO 270+00

DRAWING	SHEET
M99 REM 018	SECT 1 54



SECTION 4
T6S, R3W
FAYETTE TWP

SECTION 4
T6S, R3W
FAYETTE TWP



FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:					
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

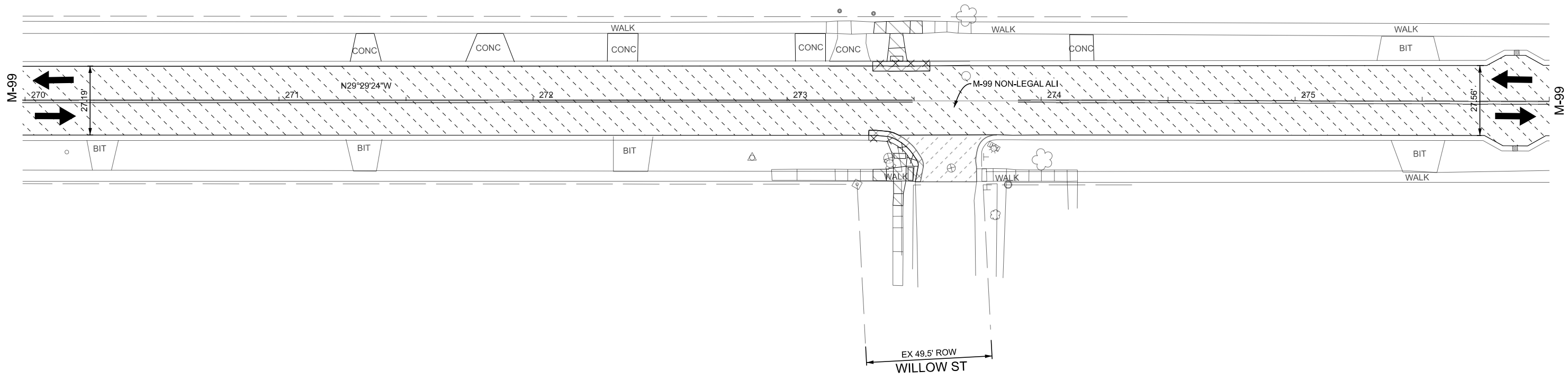
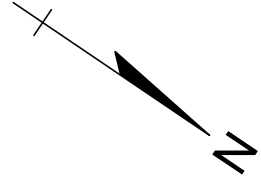


FILE: 213389_US12_CON018.dgn
DATE: 12/10/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON



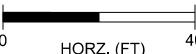
CS: 3003301
JN: 213389

CONSTRUCTION SHEET			
M-99 FROM US-12 TO GRANT ST			
M-99 STA 264+13 TO 270+00			
M99 CON 018	SECT 1	55	

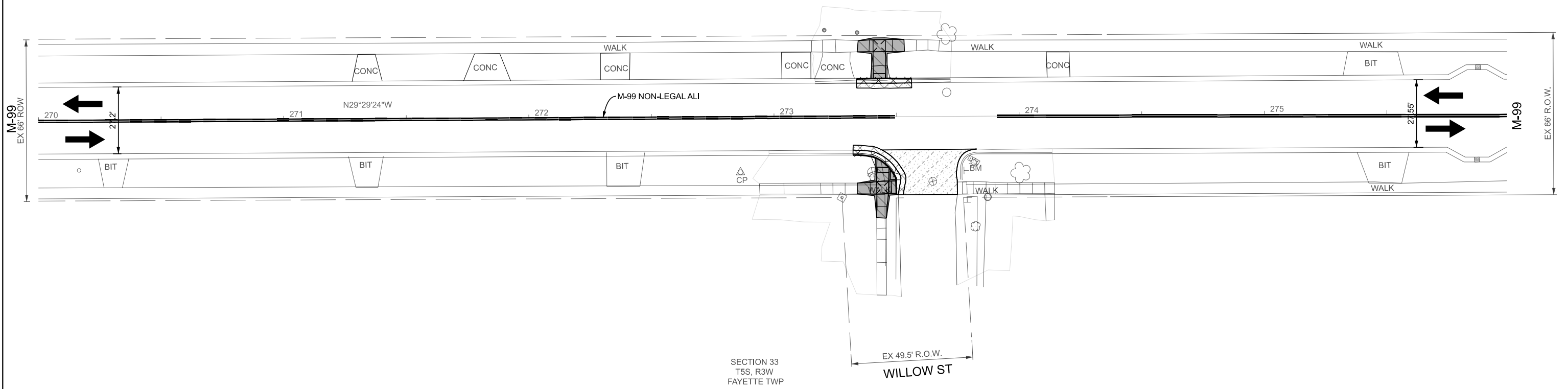
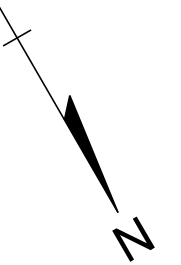
SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:							DATE: 10/22/2024		CS: 3003301		REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	JN: 213389	M-99 FROM US-12 TO GRANT ST		M99	SECT 1		
									FILE: 213389_US12_REM019.dgn	TSC: JACKSON	M-99 STA 270+00 TO 276+00		019	56				

SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

EX 49.5' R.O.W.
WILLOW ST

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



FILE: 213389_US12_CON019.dgn

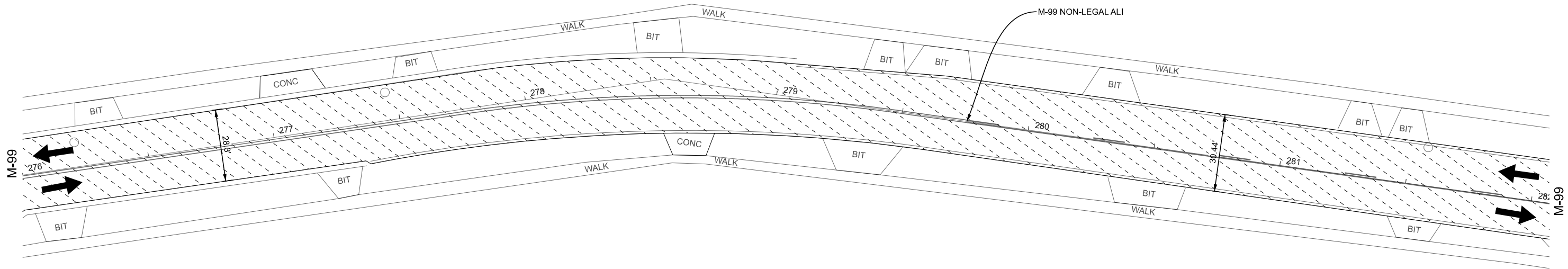
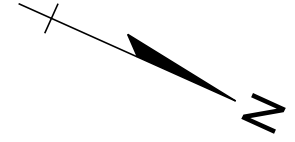
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DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3003301
JN: 213389



CONSTRUCTION SHEET
M-99 FROM US-12 TO GRANT ST
M-99 STA 270+00 TO 276+00

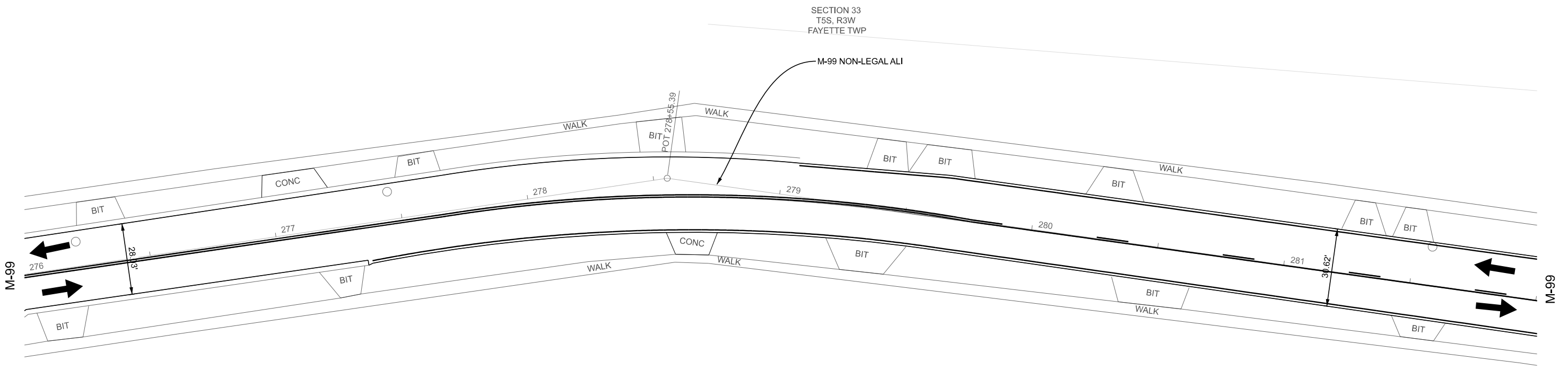
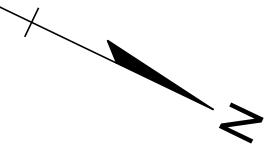
DRAWING	SHEET
M99 CON 019	SECT 1 57

SECTION 33
T5S, R3W
FAYETTE TWP



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS								SUBMITTAL DATE:			 Michigan Department of Transportation		DATE: 10/22/2024		CS: 3003301		REMOVAL SHEET		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	DESIGN UNIT: L HUMMEL	JN: 213389				M-99 FROM US-12 TO GRANT ST		M99	SECT 1				
												REM								
								FILE: 213389_US12_REM020.dgn	TSC: JACKSON			020	58							
										M-99 STA 276+00 TO 282+00										



SECTION 33
T5S, R3W
FAYETTE TWP

M-99 NON-LEGAL ALI

SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



FILE: 213389_US12_CON020.dgn

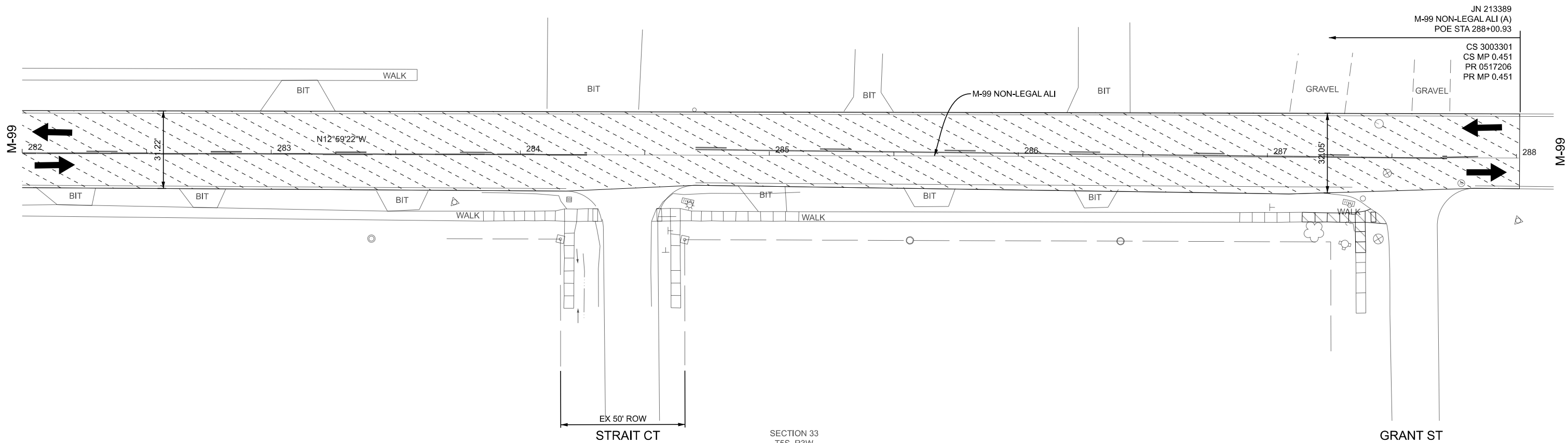
DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3003301
JN: 213389

CONSTRUCTION SHEET
M-99 FROM US-12 TO GRANT ST
M-99 STA 276+00 TO 282+00

DRAWING SHEET
M99 CON 020 SECT 1 59

SECTION 33
T5S, R3W
FAYETTE TWP

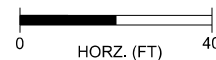


JN 213389
M-99 NON-LEGAL ALI (A)
POE STA 288+00.93

CS 3003301
CS MP 0.451
PR 0517206
PR MP 0.451

SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



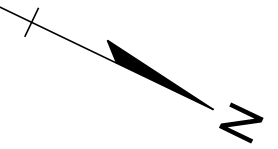
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DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3003301
JN: 213389

REMOVAL SHEET
M-99 FROM US-12 TO GRANT ST
M-99 STA 282+00 TO 288+00

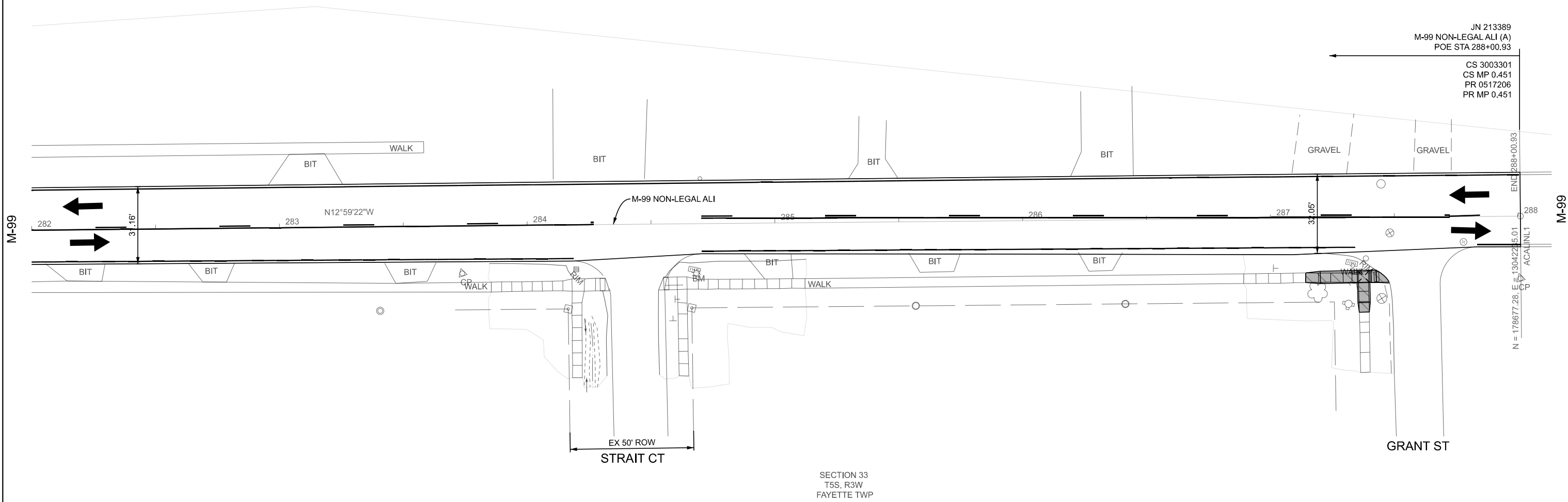
DRAWING	SHEET
M99 REM 021	SECT 1 60



SECTION 33
T5S, R3W
FAYETTE TWP

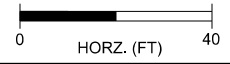
JN 213389
M-99 NON-LEGAL ALI (A)
POE STA 288+00.93

CS 3003301
CS MP 0.451
PR 0517206
PR MP 0.451



SECTION 33
T5S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION

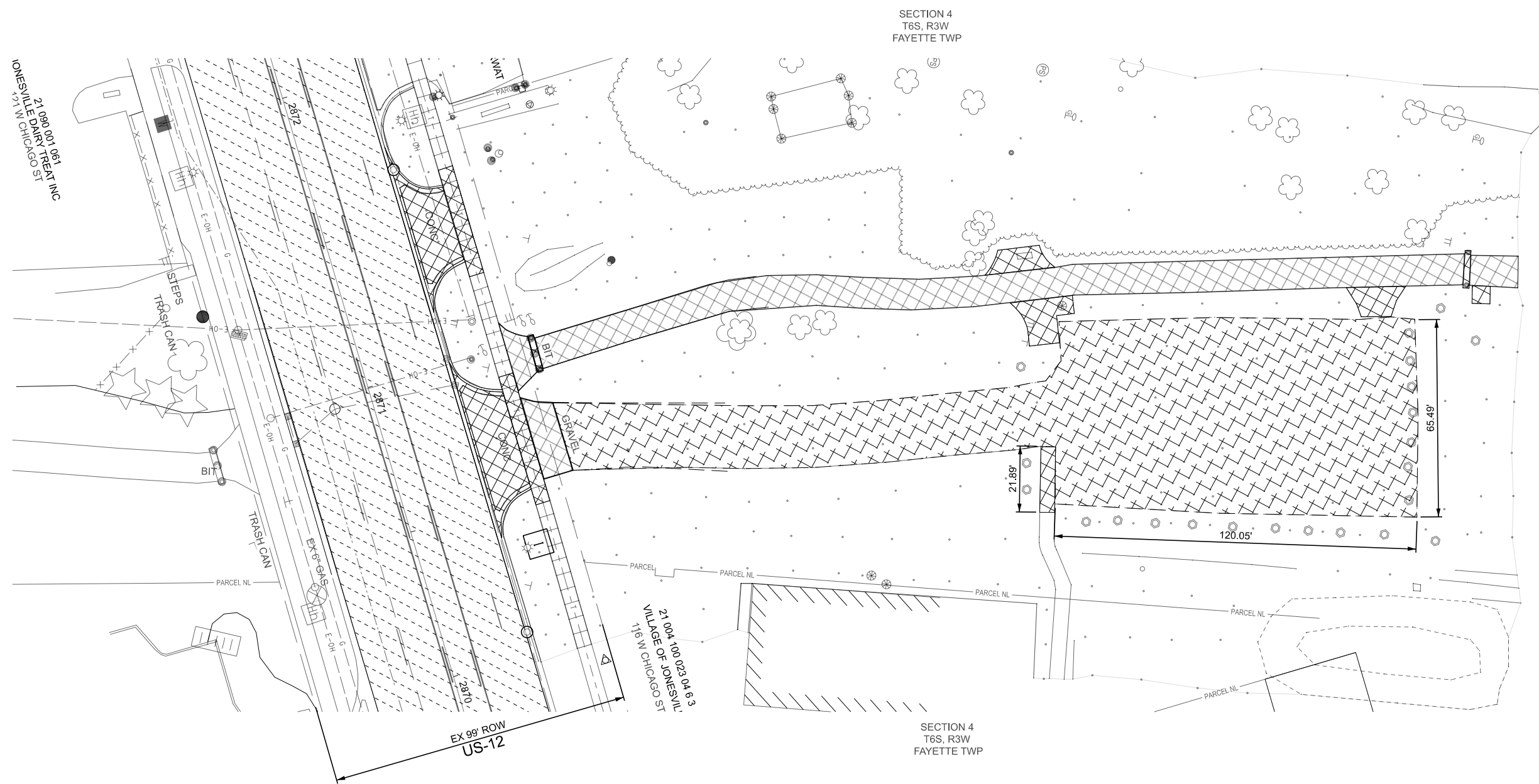


DATE: 10/22/2024
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TSC: JACKSON
FILE: 213389_US12_CON021.dgn

CS: 3003301
JN: 213389

CONSTRUCTION SHEET
M-99 FROM US-12 TO GRANT ST
M-99 STA 282+00 TO 288+00

DRAWING	SHEET
M99 CON 021	SECT 1 61



FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



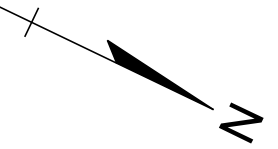
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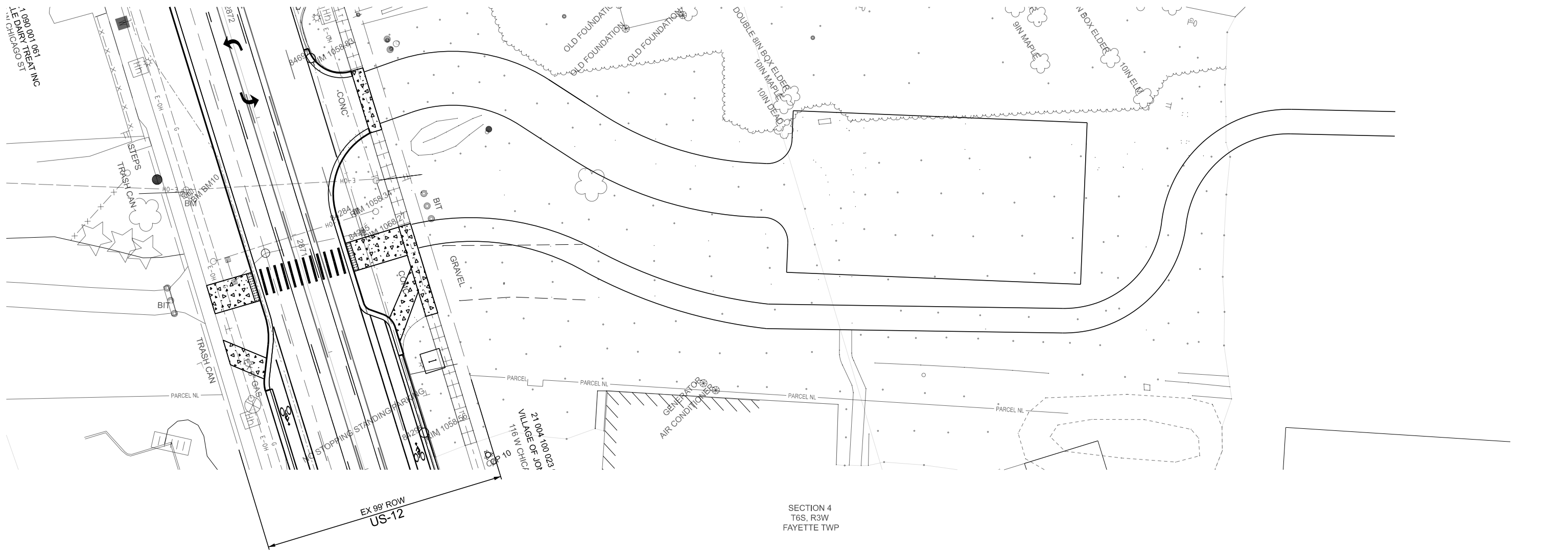
CS:
 JN: 213389

REMOVAL SHEET
 JERRY RUSSELL TRAIL
 TRAILHEAD AND PARKING

DRAWING	SHEET
US12 REM 022	SECT 1 62

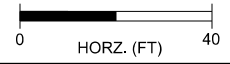


SECTION 4
T6S, R3W
FAYETTE TWP



SECTION 4
T6S, R3W
FAYETTE TWP

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

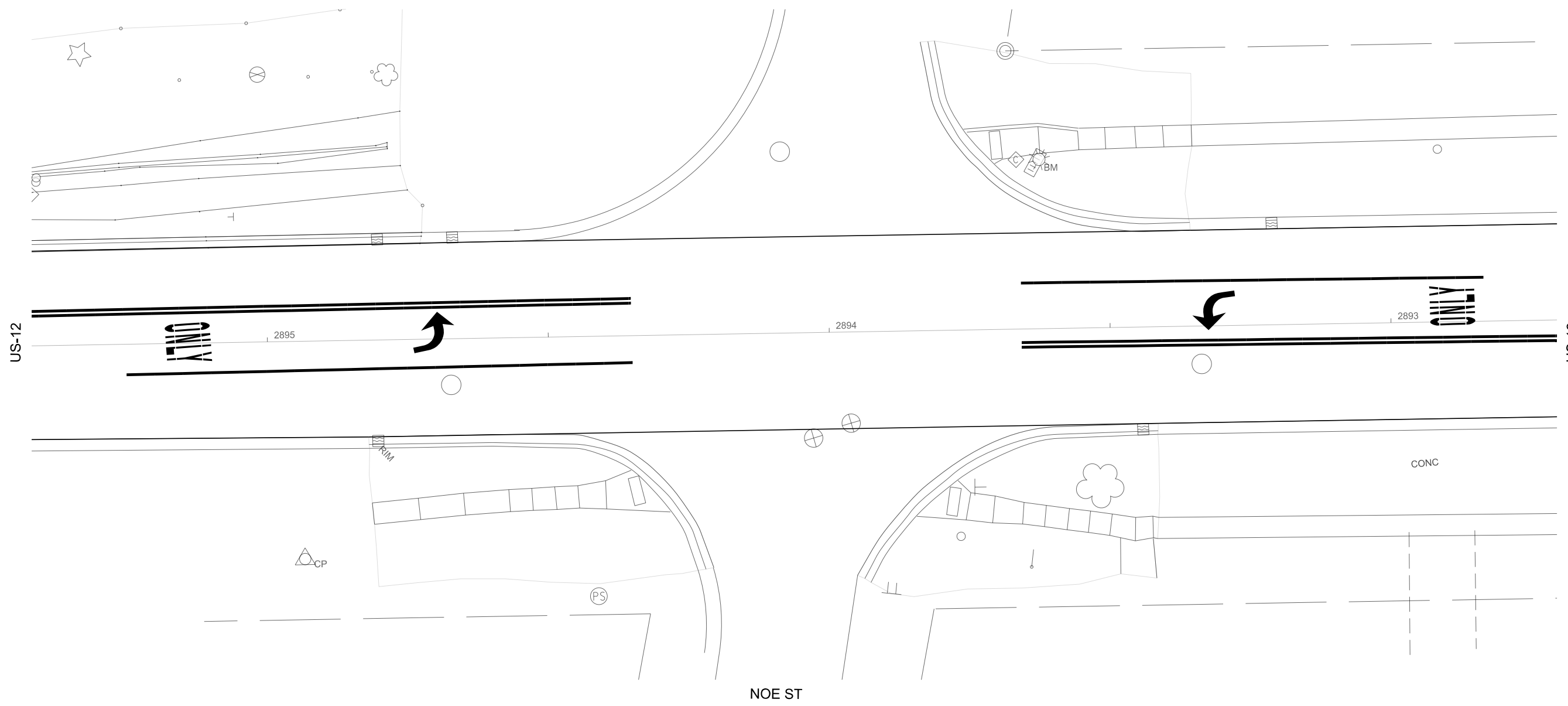
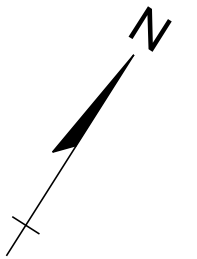


FILE: 213389_US12_CON022.dgn
DATE: 10/22/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS:
JN: 213389

CONSTRUCTION SHEET
JERRY RUSSELL TRAIL
TRAILHEAD AND PARKING

DRAWING SHEET
US12 CON 022
SECT 1
60



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



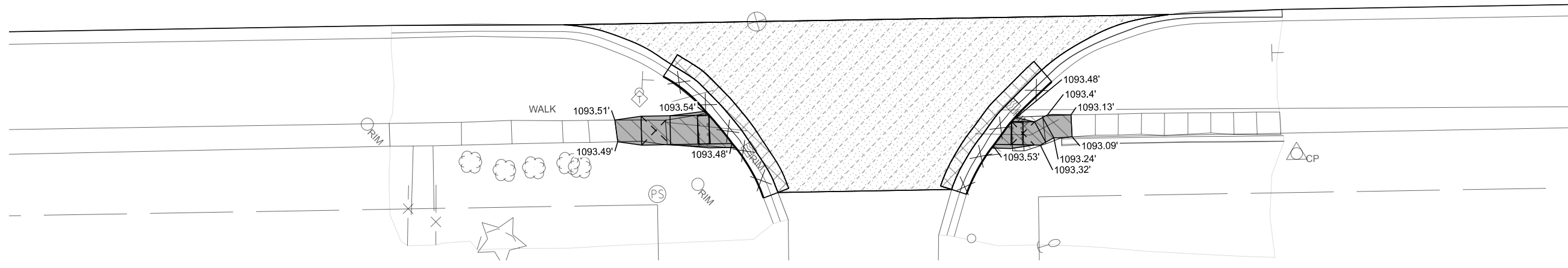
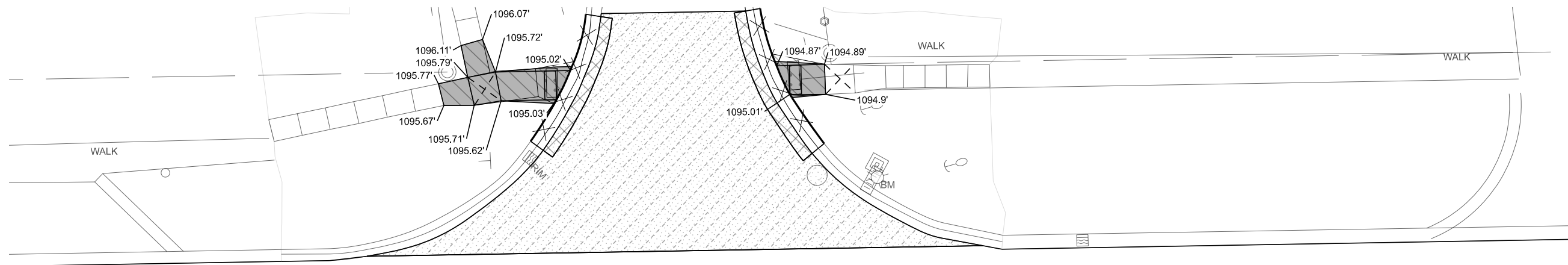
FILE: 213389_US12_GRADET001.dgn
 DATE: 12/9/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006101
 JN: 213389

DETAIL GRADES
 US-12 AT NOE ST
 US-12 STA 2893+00 TO 2895+00

DRAWING	SHEET
US12 DET 001	SECT 73

MURPHY ST

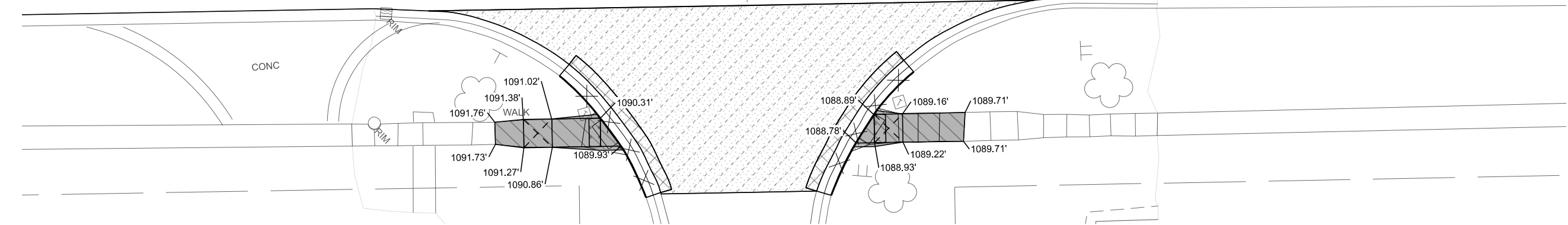
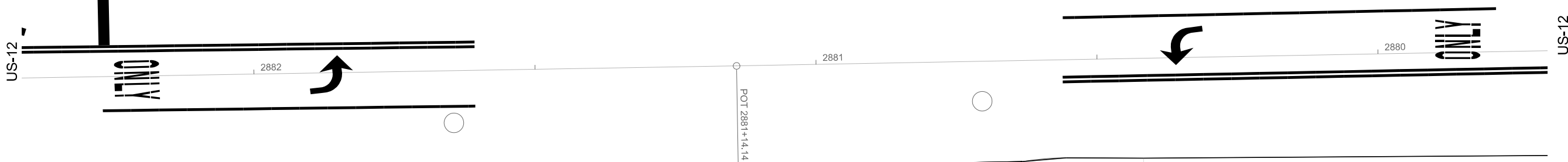
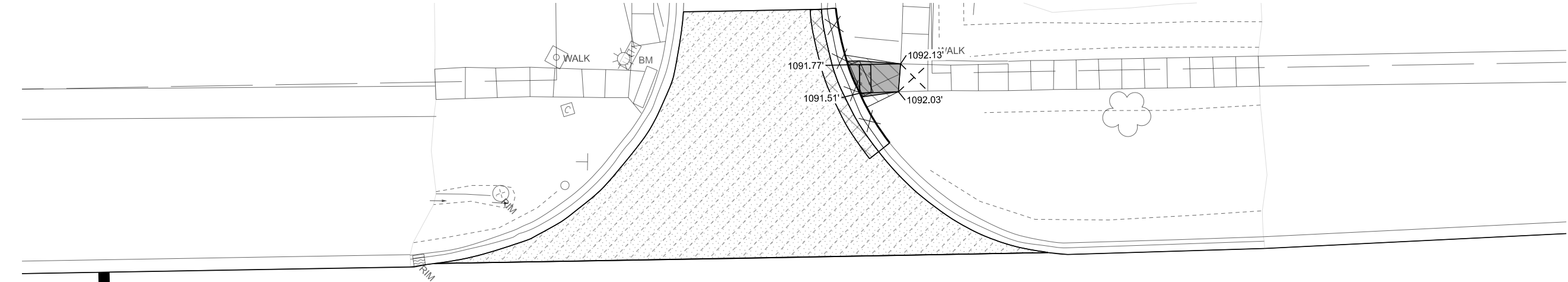


READING ST

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:						DATE: 12/9/2024			CS: 3006101			DRAWING SHEET	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION			DESIGN UNIT: L HUMMEL			JN: 213389			US12	SECT
										TSC: JACKSON			DETAIL GRADES			DET	
											US-12 AT READING / MURPHY ST			002	74		
											US-12 STA 2885+50 TO 2888+00						

FILE: 213389_US12_GRADET002.dgn

JERMAINE ST



BOWMAN ST

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

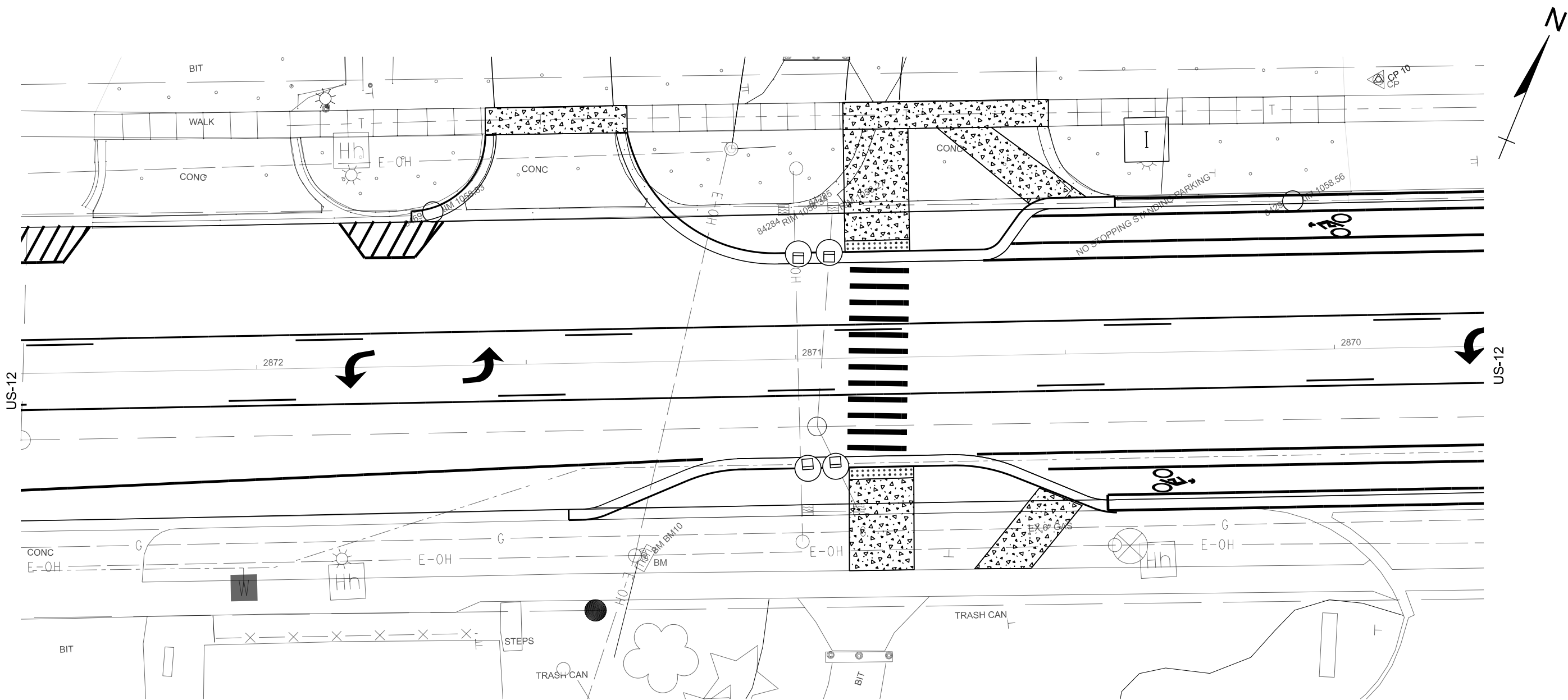


FILE: 213389_US12_GRADET003.dgn
 DATE: 12/9/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006101
 JN: 213389

DETAIL GRADES
 US-12 AT BOWMAN / JERMAINE ST
 US-12 STA 2880+00 TO 2882+00

DRAWING	SHEET
US12 DET 003	SECT 75



FINAL ROW PLAN REVISIONS						SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

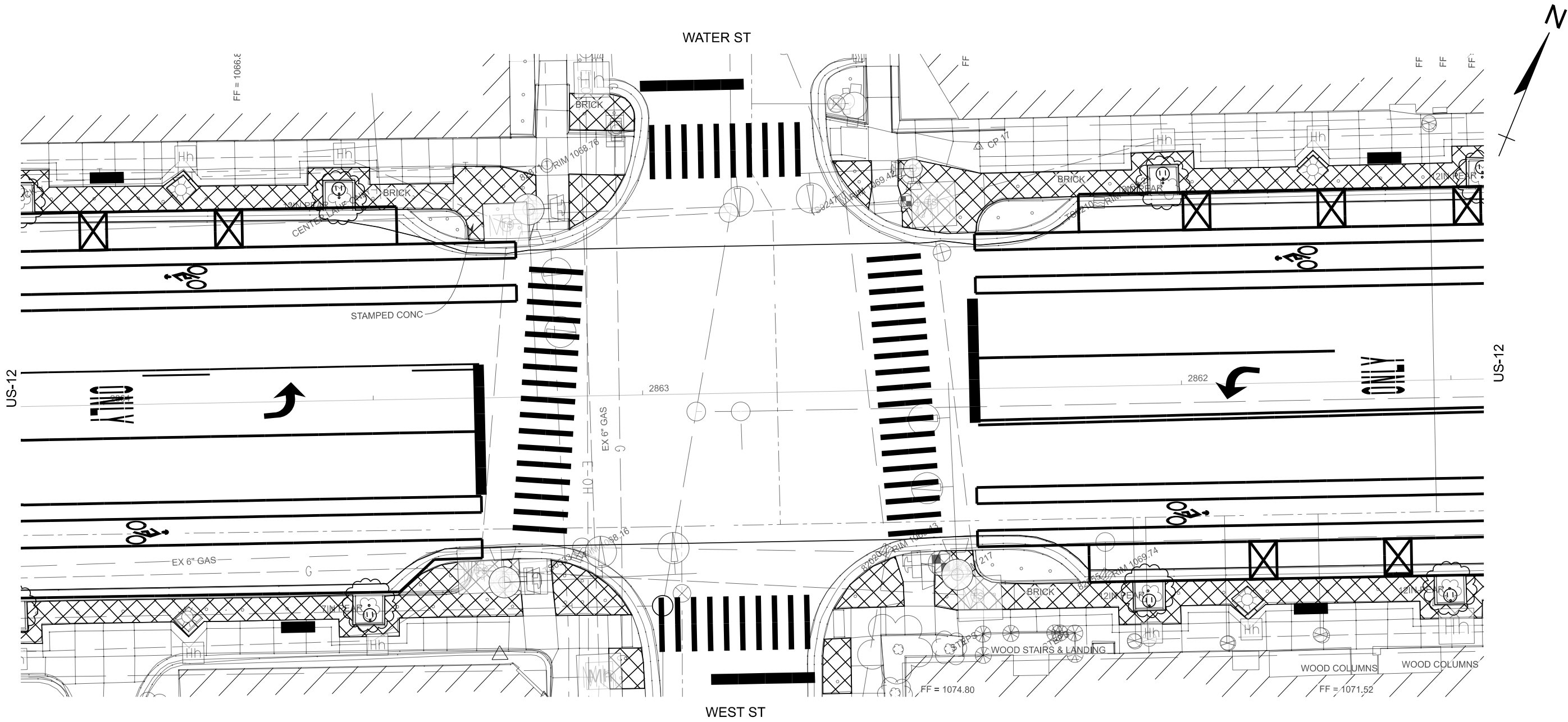


FILE: 213389_US12_GRADET004.dgn
 DATE: 10/30/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006101
 JN: 213389

DETAIL GRADES
 US-12 AT JERRY RUSSELL TRAIL
 US-12 STA 2870+00 TO 2872+50

DRAWING	SHEET
US12 DET 004	SECT 76



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



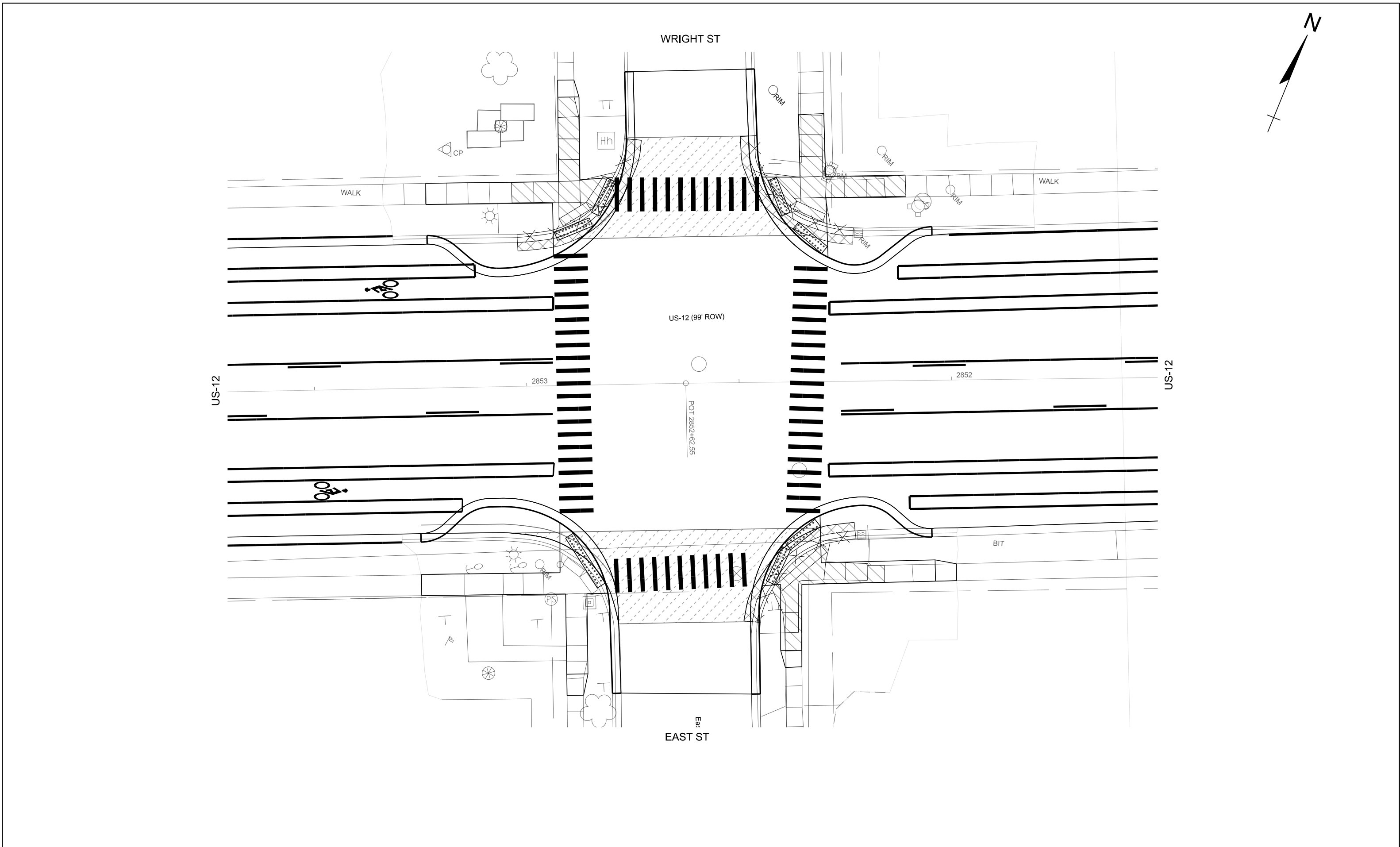
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TSC: JACKSON

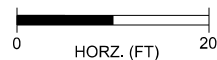
CS: 3006101
JN: 213389

DETAIL GRADES
US-12 AT WATER / WEST ST
US-12 STA 2861+50 TO 2864+00

DRAWING SHEET
US12 DET 005 SECT 78



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

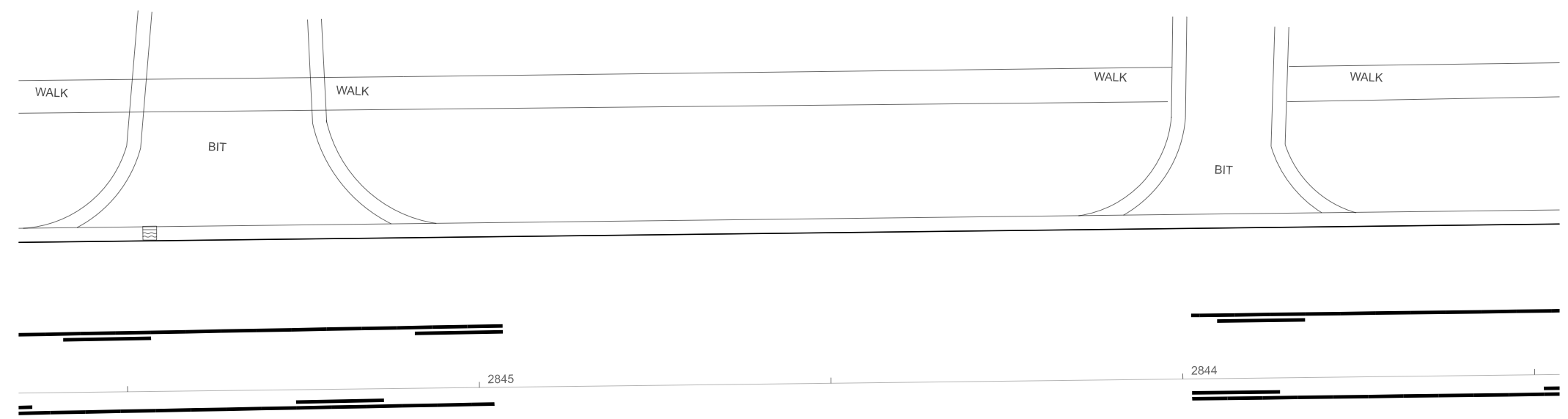


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DATE: 12/9/2024
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 TSC: JACKSON

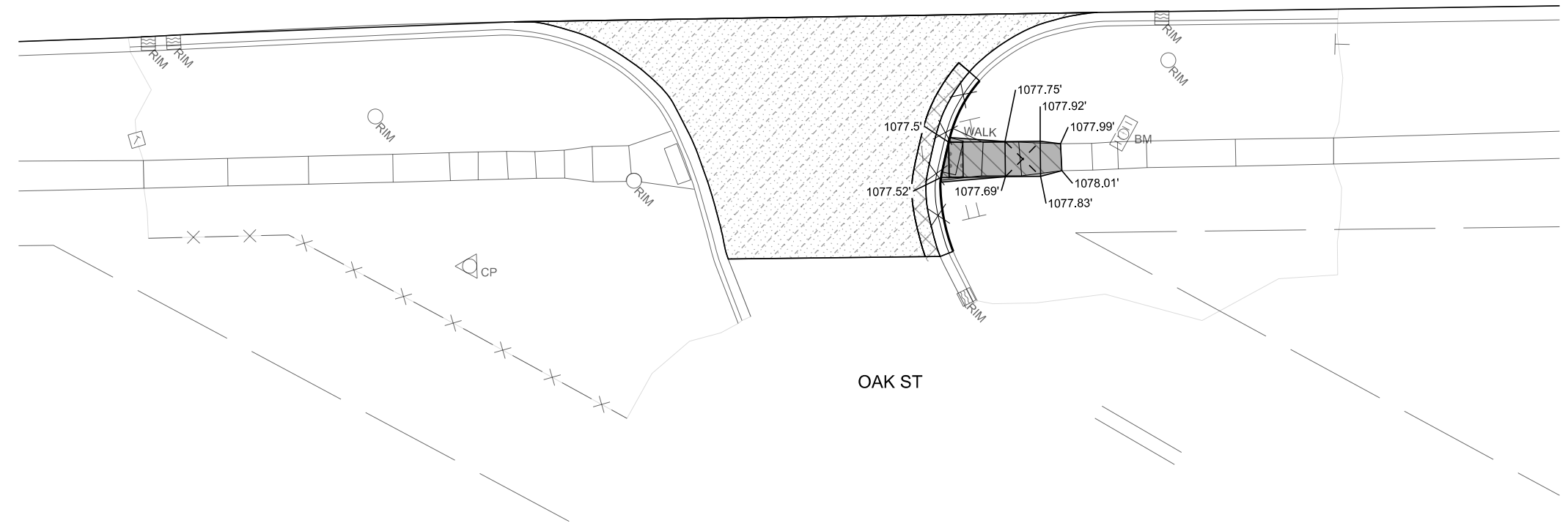
CS: 3006201
 JN: 213389

DRAWING		SHEET	
DETAIL GRADES		US12	SECT
US-12 AT WRIGHT / EAST ST		DET	78
US-12 STA 2851+50 TO 2853+50		006	



US-12

US-12



OAK ST

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



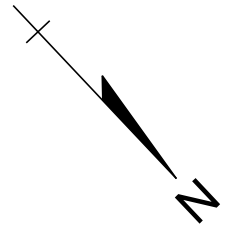
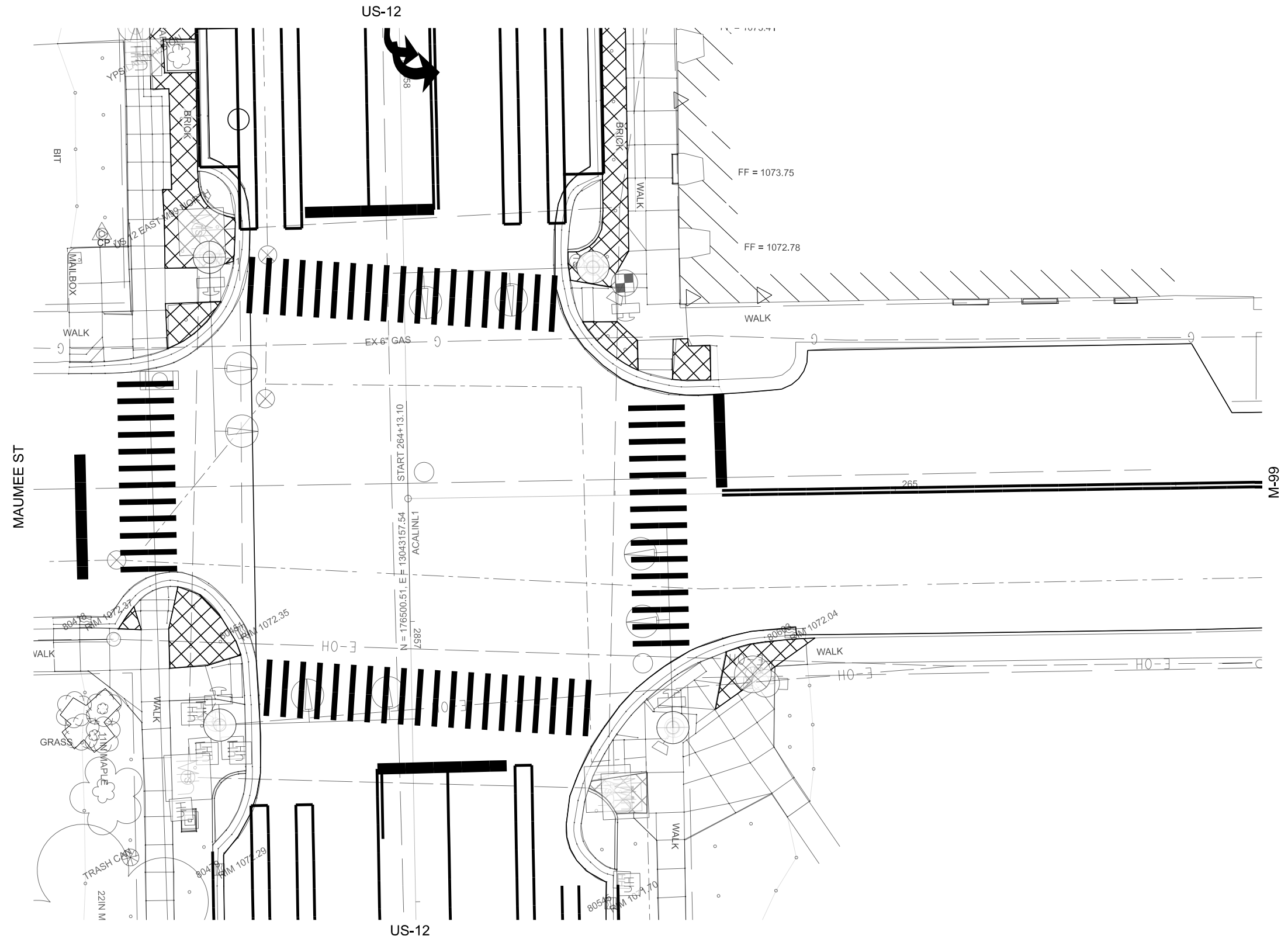
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DATE: 12/9/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

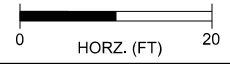
CS: 3006201
 JN: 213389

DETAIL GRADES
 US-12 AT OAK ST
 US-12 STA 2843+50 TO 2845+50

DRAWING	SHEET
US12 DET 007	SECT 80



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



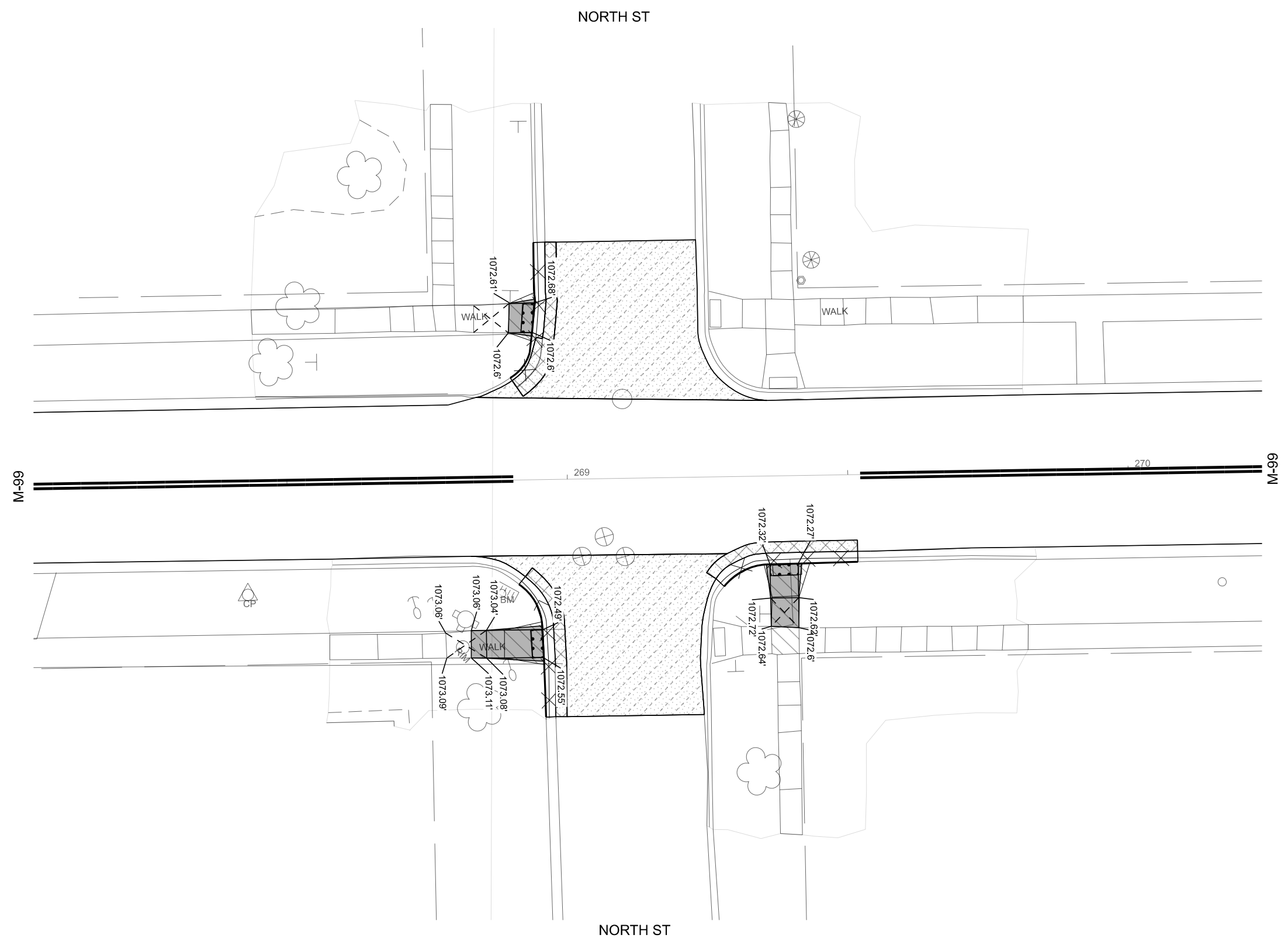
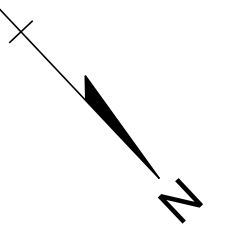
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DATE: 10/30/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006201
 JN: 213389

DETAIL GRADES
 US-12 AT M-99
 M-99 STA 264+13 TO 265+50

DRAWING SHEET
 US12 DET 008 SECT 80



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



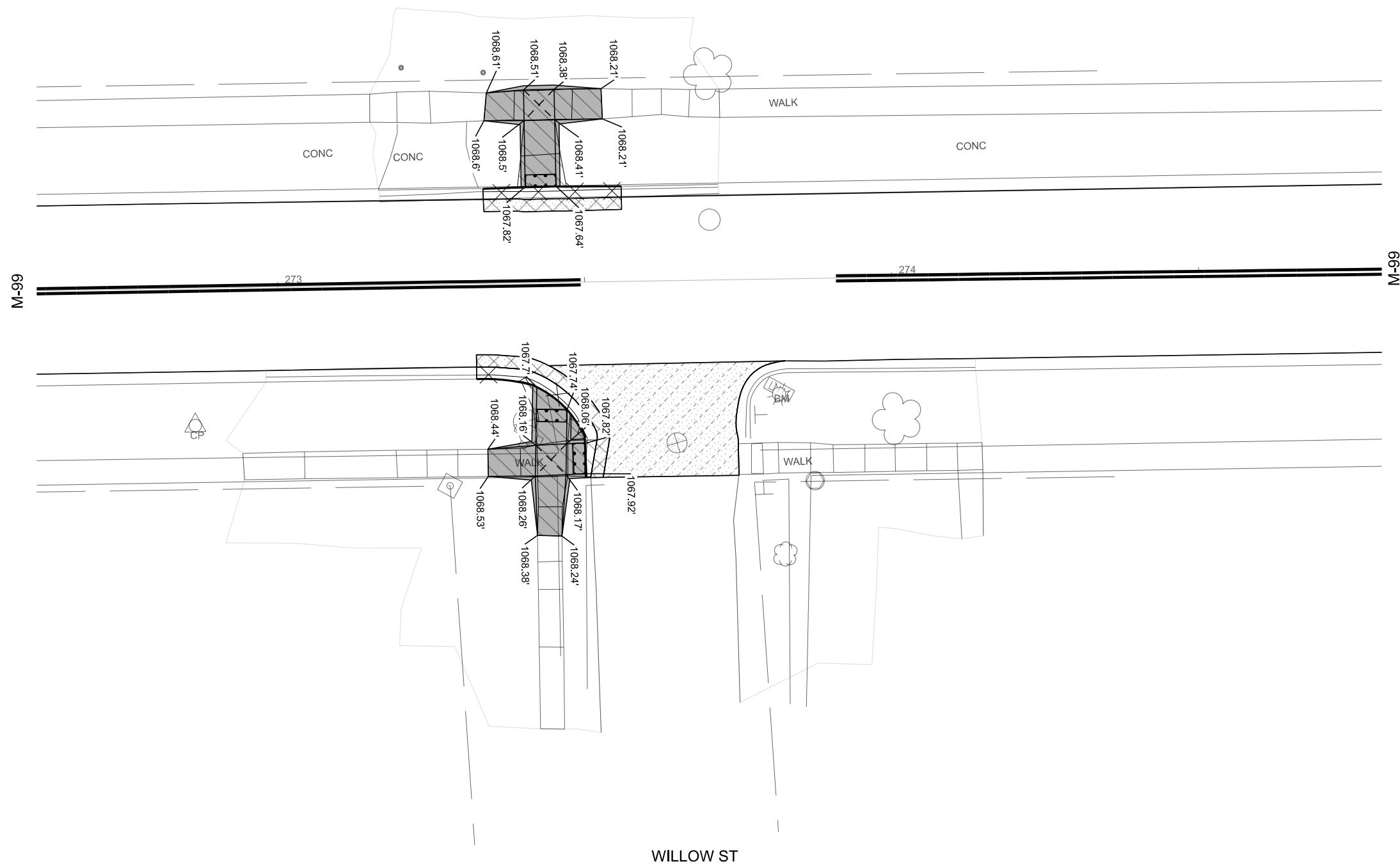
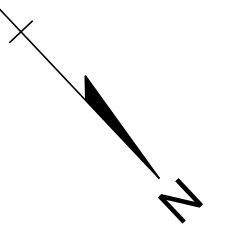
FILE: 213389_US12_GRADET009.dgn

DATE: 12/9/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006201
 JN: 213389

DETAIL GRADES
 M-99 AT NORTH ST
 M-99 STA 268+50 TO 270+00

DRAWING SHEET
 US12 DET 009 SECT 81



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



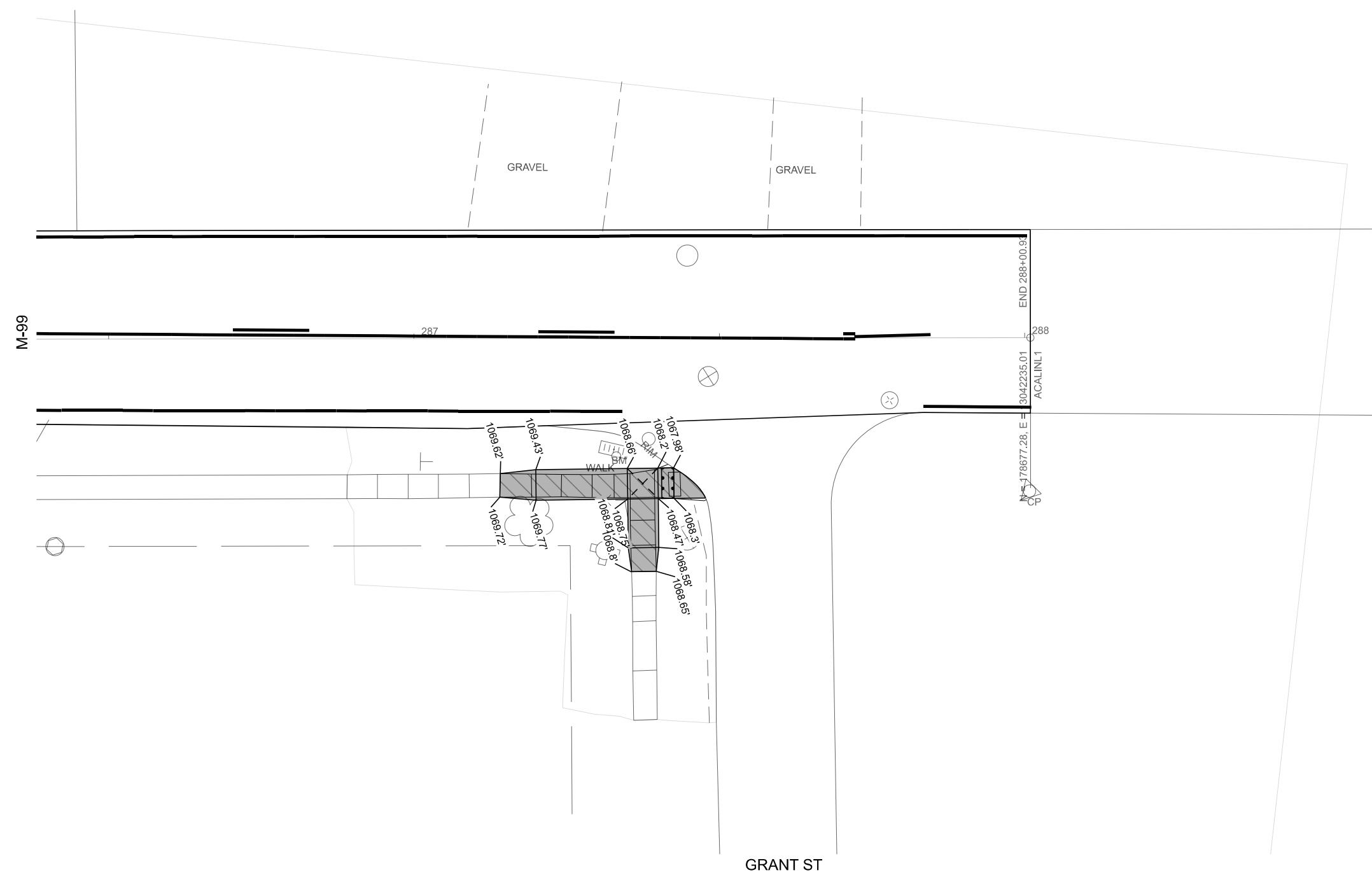
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DATE: 12/9/2024
DESIGN UNIT: L HUMMEL
TSC: JACKSON

CS: 3006201
JN: 213389

DETAIL GRADES
M-99 AT WILLOW ST
M-99 STA 268+50 TO 270+00

DRAWING	SHEET
US12 DET 010	SECT 82



FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:			
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

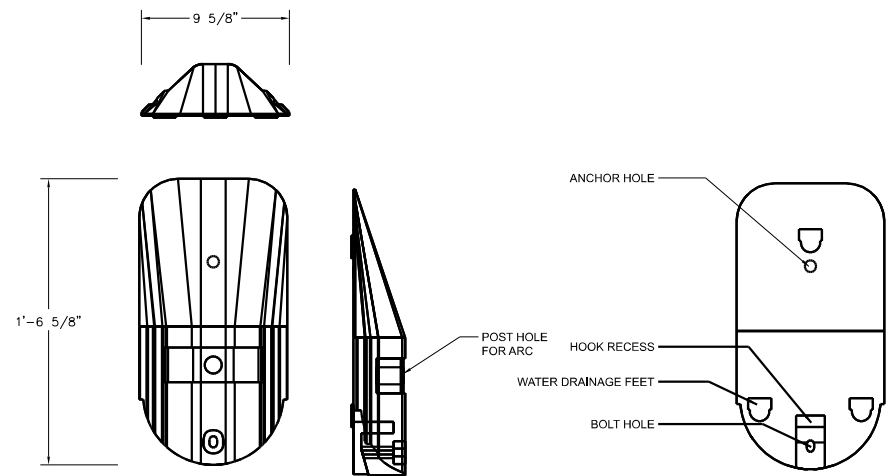


FILE: 213389_US12_GRADET011.dgn
 DATE: 12/9/2024
 DESIGN UNIT: L HUMMEL
 TSC: JACKSON

CS: 3006201
 JN: 213389

DETAIL GRADES
 M-99 AT GRANT ST
 M-99 STA 287+00 TO 288+00

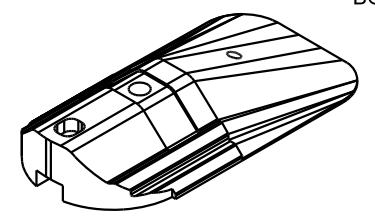
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 US12 DET 011 SECT 83



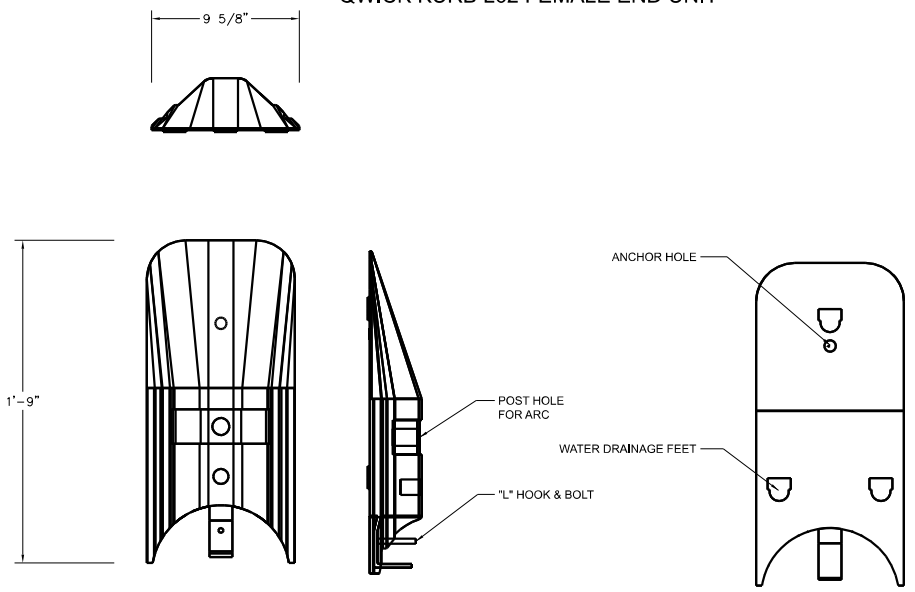
TOP

SIDE

BOTTOM



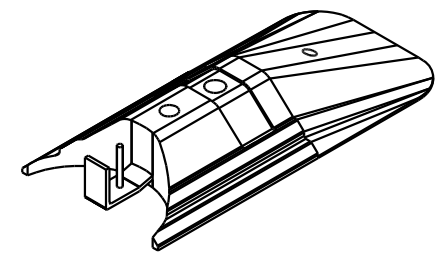
QWICK KURB L62 FEMALE END UNIT



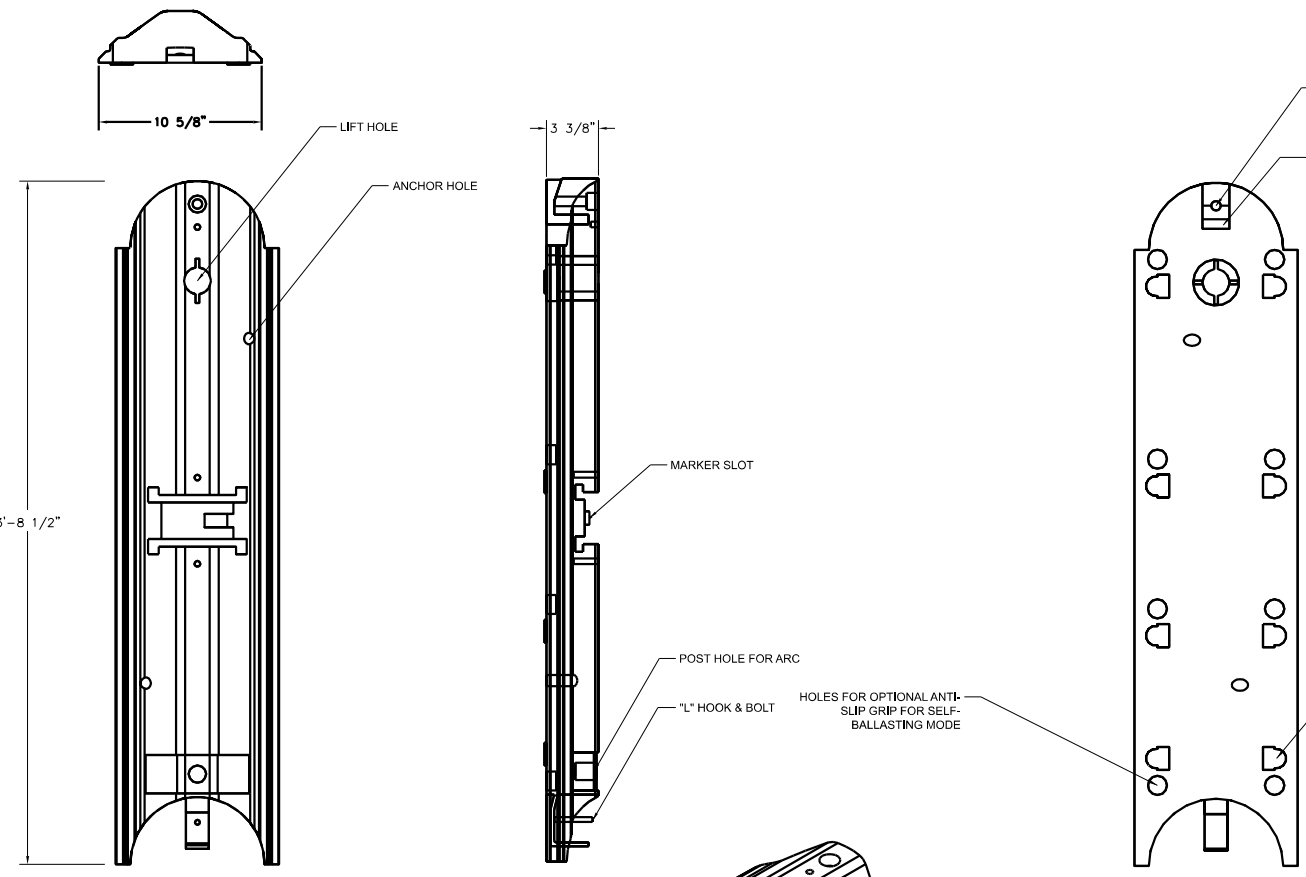
TOP

SIDE

BOTTOM



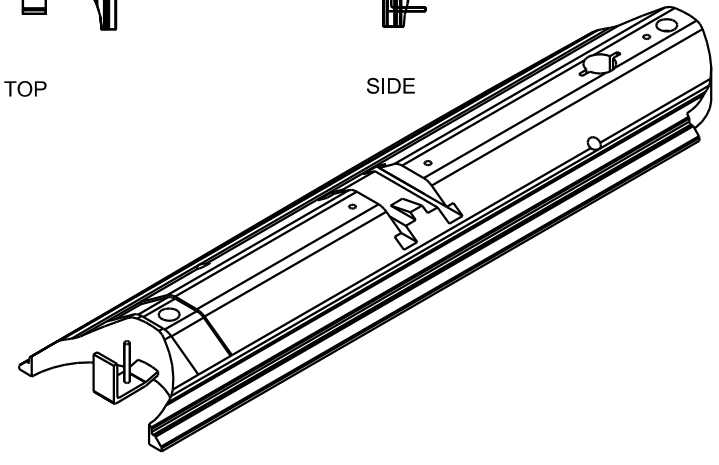
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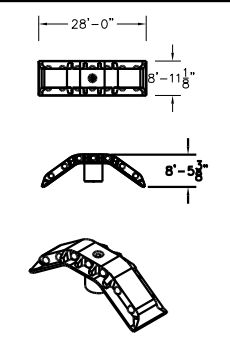
TOP

SIDE

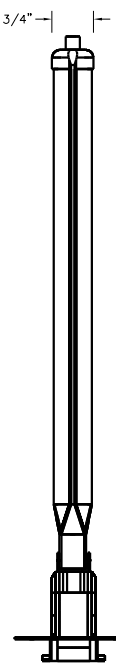
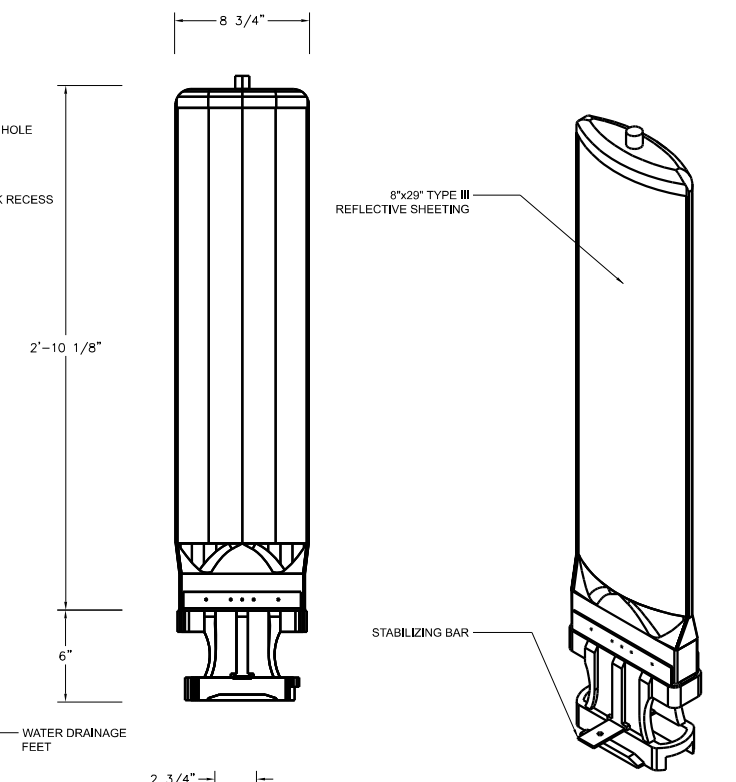
BOTTOM



QWICK KURB MODEL L60 CAT. A LANE SEPARATOR



QWICK KURB L65 REFLECTIVE ARC



QWICK KURB L104 MEGA MARKER

FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:	
NO.	DATE	AUTH	DESCRIPTION



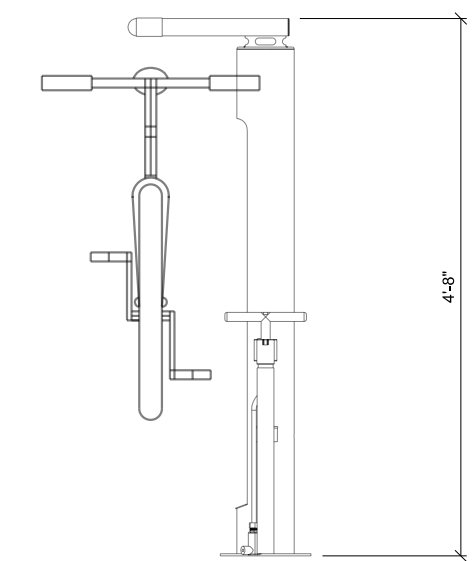
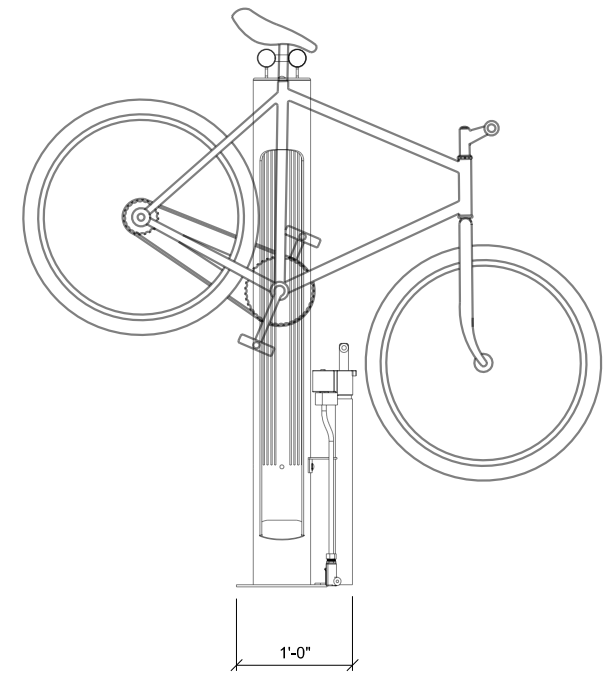
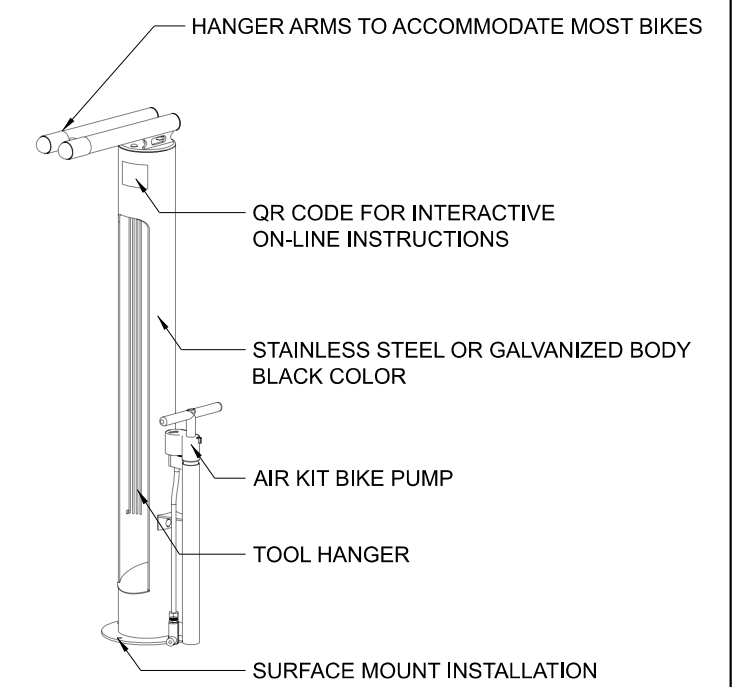
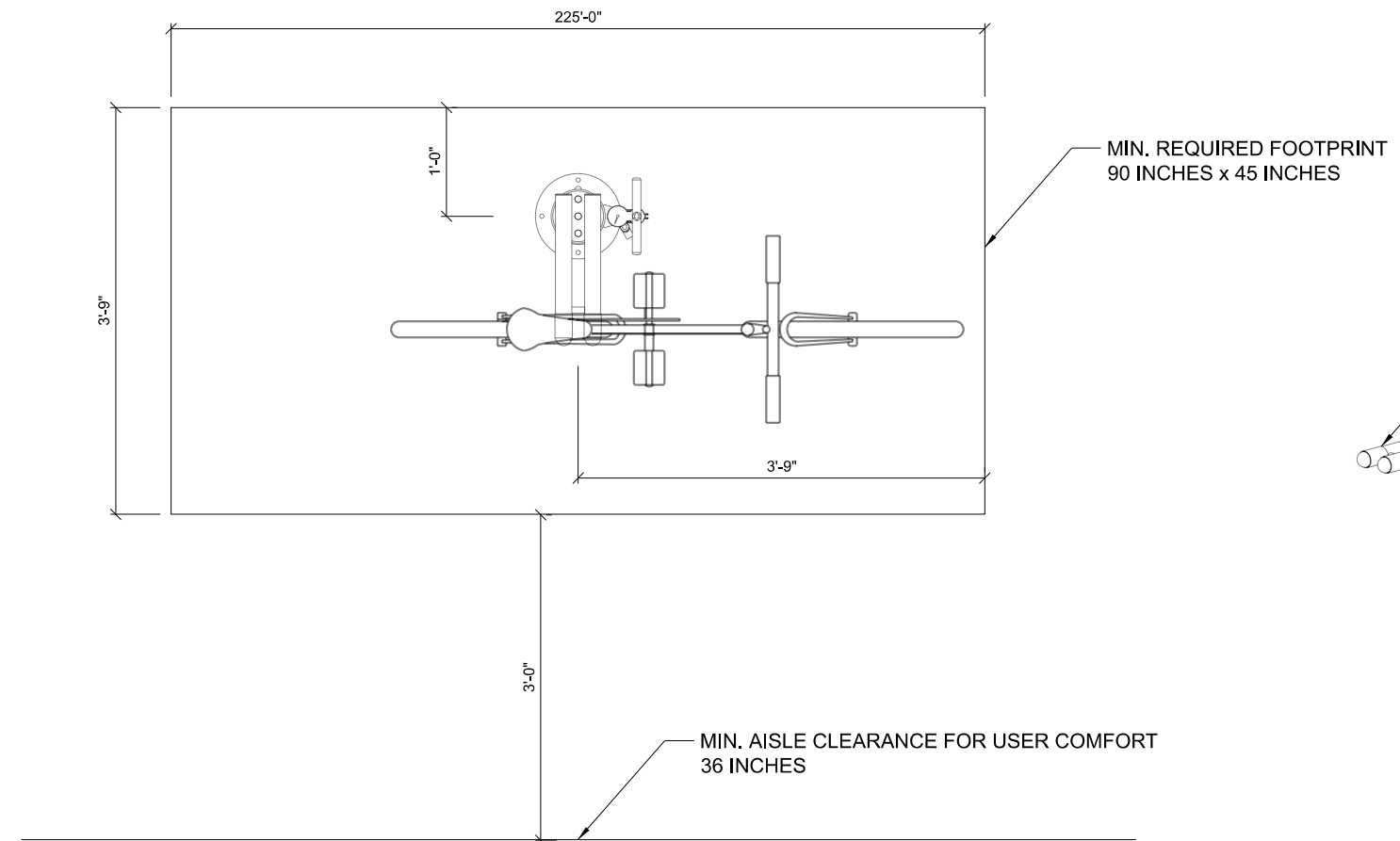
NO SCALE

DATE: 12/4/2024	CS:
DESIGN UNIT: L HUMMEL	JN: 213389
TSC: JACKSON	



FILE: 213389_US12_ROADDET_1

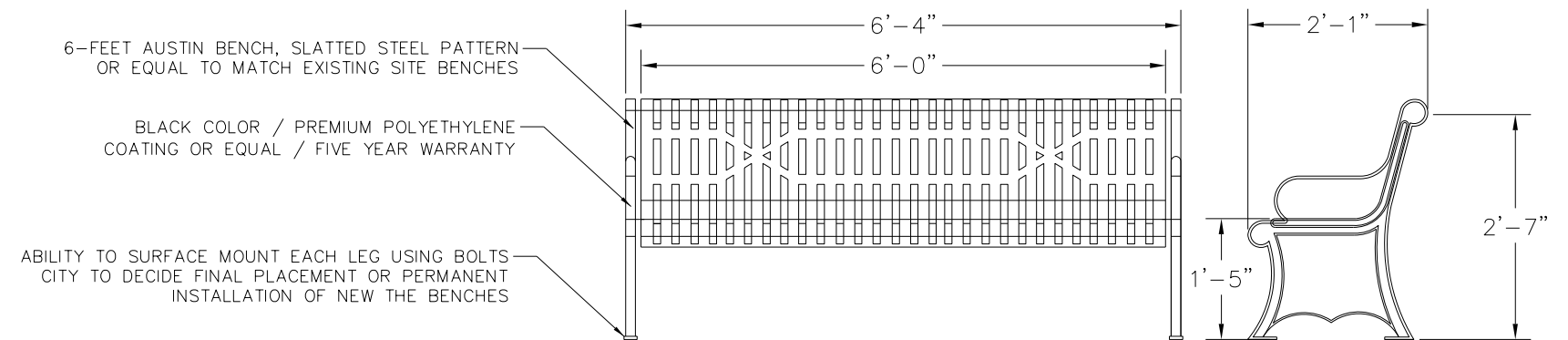
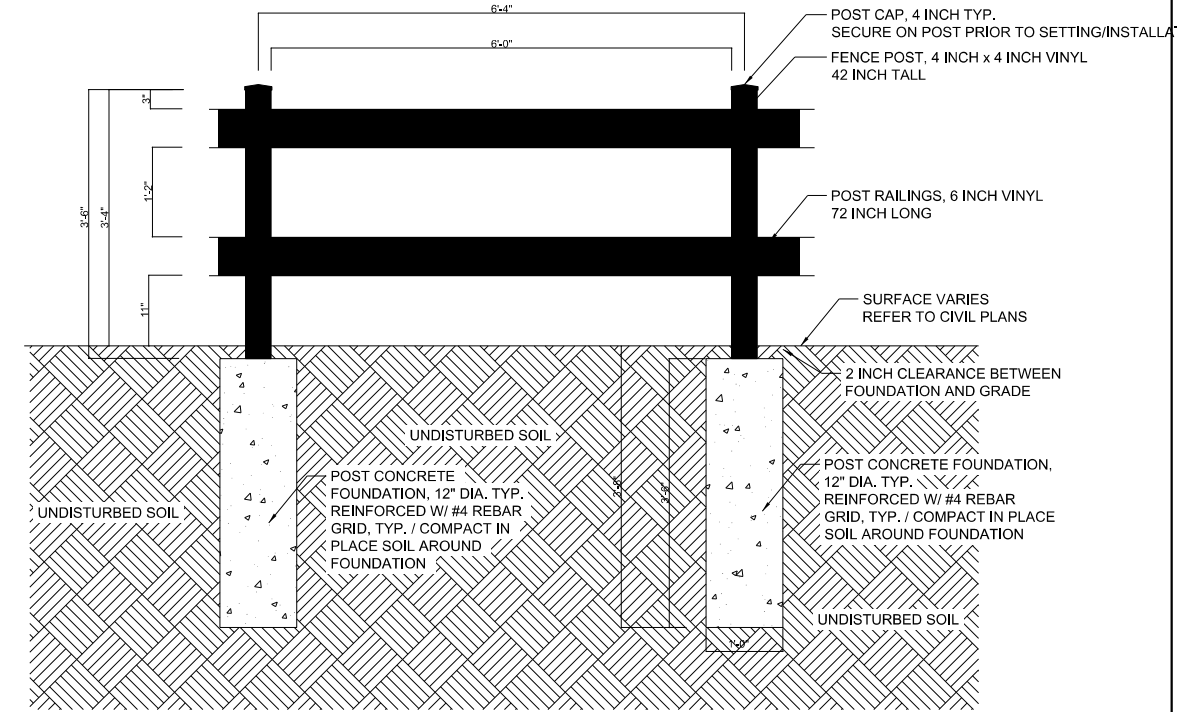
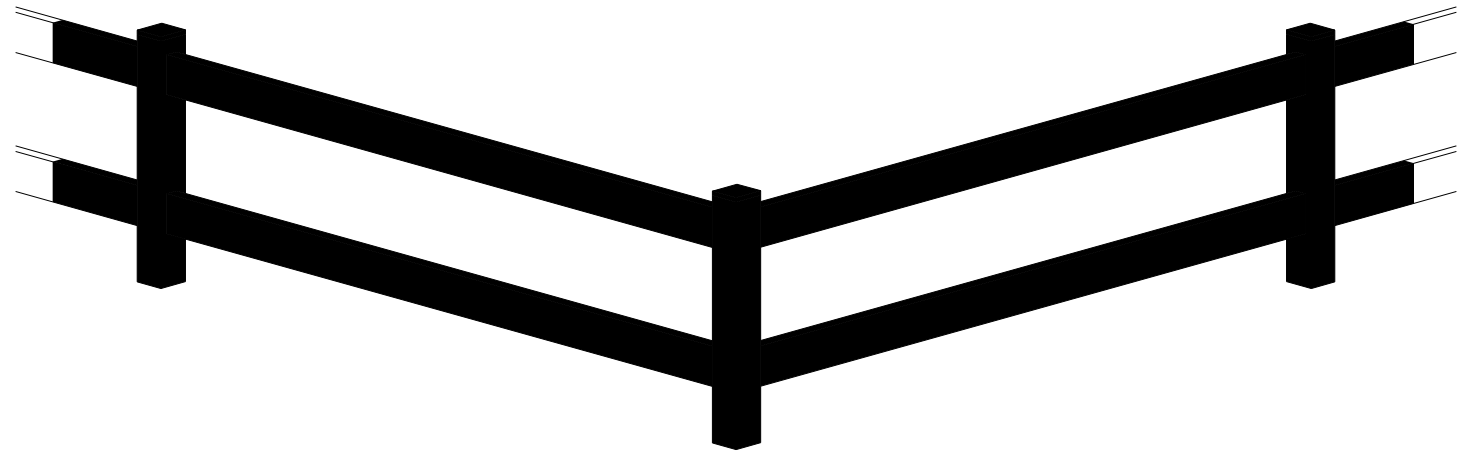
QWICK KURB DETAILS	
US-12 & M-99	
HILLSDALE COUNTY	

DRAWING	SHEET
US12	SECT 1
R DET	
001	101



BIKE REPAIR STATION

FINAL ROW PLAN REVISIONS				SUBMITTAL DATE:						NO SCALE	DATE: 12/10/2024	CS:	BIKE REPAIR STATION DETAILS		DRAWING	SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION				DESIGN UNIT: L HUMMEL	JN: 213389	US12	SECT 1		
								FILE: 213389_US12_ROADDET_2	TSC: JACKSON			R DET		002	102	
											HILLSDALE COUNTY					



FINAL ROW PLAN REVISIONS SUBMITTAL DATE:								  Michigan Department of Transportation	NO SCALE	DATE: 12/10/2024 DESIGN UNIT: L HUMMEL TSC: JACKSON	CS: JN: 213389	BENCH AND FENCE DETAILS		DRAWING SHEET
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION					US12 R DET 003	SECT 1 103	
												US12 R DET 003	SECT 1 103	
												HILLSDALE COUNTY		