

WATER MAIN GENERAL NOTES

1. ELEVATIONS ARE BOTTOM OF PIPE FOR WATER MAIN.
2. EXISTING WATER SERVICE LINES ARE SHOWN IN PLAN VIEW ONLY.
3. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" CURRENT EDITION, SHALL APPLY TO THIS WORK, EXCEPT AS NOTED HEREIN.
4. THE CONTRACTOR SHALL VERIFY DEPTH OF EXISTING PIPING PRIOR TO CONNECTING NEW PIPING. WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND FITTINGS, THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND NOTIFICATION GIVEN TO THE OWNER IF THE EXISTING PIPING IS FOUND TO BE DIFFERENT THAN THAT SHOWN ON THE DRAWINGS. WHERE SUCH DISCREPANCIES ARE FOUND, WORK SHALL NOT PROCEED UNTIL DIRECTED ACCORDINGLY BY THE OWNER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE EXISTING WATER MAINS AND VALVES TO BE RETIRED WITHIN THE PROJECT LIMITS SHALL BE REMOVED OR ABANDONED AND CAPPED IN PLACE, INCLUDING DOMESTIC SERVICE LINES. THE CONTRACTOR SHALL COORDINATE DRAINING, CAPPING, AND ABANDONMENT OF EXISTING WATER MAIN WITH THE CITY OF BLOOMINGTON. THE CONTRACTOR SHALL REMOVE ABANDONED VALVE BOXES AND LEGALLY DISPOSE OF ALL REMOVED MATERIALS OFF-SITE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE LUMP SUM FOR WATER MAIN TO BE ABANDONED.
6. WATER LINE TO BE 18" MIN. ABOVE TOP OF SANITARY SEWERS AND STORM SEWERS EXCEPT AS SHOWN IN PLANS.
7. PIPE SLOPES SHALL GOVERN UNLESS MINIMUM COVER SHOWN CANNOT BE MET.
8. THE ELEVATION SHOWN AT EACH FIRE HYDRANT ASSEMBLY IS TO FINISHED GRADE OR BREAKAWAY FLANGE ELEVATION. THE BREAKAWAY FLANGE IS TO BE INSTALLED TO 6" ABOVE FINISHED GRADE. SEE THE TYPICAL HYDRANT DETAIL FOR ADDITIONAL INFORMATION.
9. MINIMUM COVER OF WATER MAIN PIPE TO FINISHED GRADE ELEVATION SHALL BE 48 INCHES UNLESS OTHERWISE NOTED ON THE PLANS OR AS DIRECTED BY THE OWNER.
10. WATER MAIN CASING LENGTHS ARE DETERMINED BY 10 FOOT HORIZONTAL AND 18 INCH VERTICAL SEPARATION REQUIREMENTS FROM SEWERS. IF THE ALIGNMENT OF THE WATER MAINS OR SEWERS CHANGE, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY CONSTRUCTION PERMIT APPROVAL WILL BE REQUIRED, AND THE CASING LENGTH SHALL BE ADJUSTED ACCORDINGLY. UNLESS OTHERWISE SHOWN IN THE DRAWINGS, CASINGS SHALL BE INSTALLED USING OPEN CUT CONSTRUCTION.
11. THE CONTRACTOR SHALL PROVIDE ALL PIPING, GASKETS, FITTINGS, TRANSITION FITTINGS, AND HARDWARE NECESSARY TO CONNECT TO THE EXISTING WATER MAINS. THIS WORK SHALL BE CONSIDERED INCLUDED WITHIN THE CONTRACT UNIT PRICES FOR CONNECTION TO EXISTING WATER MAINS (SIZE SPECIFIED IN PLANS).
12. WATER MAIN PIPE, FITTINGS, AND VALVES SHALL BE INSTALLED IN POLYETHYLENE ENCASEMENT WITH #12 THWN SINGLE STRAND TRACER WIRE ATTACHED TO THE PIPE IN AN APPROVED MANNER PRIOR TO BACKFILLING. TWO FEET OF SLACK SHALL BE PROVIDED AT ALL VALVE BOXES AND FIRE HYDRANTS. THE SLACK SHALL BE WRAPPED AROUND THE VALVE BOX OR FIRE HYDRANT AT FINISHED GRADE. SEE SPECIAL PROVISIONS AND WATER MAIN DETAILS FOR ADDITIONAL INFORMATION. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR DUCTILE IRON PIPE (SIZE SPECIFIED IN PLANS).
13. ALL VERTICAL AND HORIZONTAL BENDS SHALL BE CONSTRUCTED WITH RESTRAINED JOINT PIPE. RESTRAINED JOINT MINIMUM LENGTHS SHALL BE DETERMINED IN ACCORDANCE WITH THE DUCTILE IRON PIPE RESEARCH ASSOCIATIONS (DIPRA) GUIDELINES. SEE WATER MAIN PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION.
14. UNRESTRAINED PIPE SHALL BE A MINIMUM SECTION LENGTH OF 100 FEET. ANY SHORTER SECTIONS BETWEEN REQUIRED RESTRAINED LOCATIONS SHALL BE RESTRAINED.
15. ALL FIRE HYDRANTS, VALVES, AND FITTINGS SHALL BE RESTRAINED.
16. CONTRACTOR TO PROVIDE FOR FLUSHING AND SAMPLING TAPS EVERY 1200 FEET AND AT EVERY CONNECTION TO EXISTING WATER MAINS.
17. CONTRACTOR SHALL CONTACT CITY WATER DEPARTMENT TO SCHEDULE A LINE-STOP OR A WATER MAIN LINE TAP.
18. THE CONTRACTOR SHALL TAKE AN ELEVATION SHOT ON TOP OF EACH PIPE SECTION NEAR THE JOINTS AND AT ALL BENDS AND RECORD ELEVATIONS ON THE RECORD DRAWINGS. RECORD DRAWINGS SHALL BE MAINTAINED DAILY AND BE AVAILABLE ON-SITE FOR THE OWNER'S REVIEW AT THE END OF THE PROJECT. A COPY OF THE RECORD DRAWINGS WITH THE RECORDED ELEVATIONS SHALL BE PROVIDED TO THE CITY OF BLOOMINGTON. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. AN UNDISTRIBUTED QUANTITY OF WATER VALVES 12" HAVE BEEN ADDED FOR STAGING PURPOSES. WATER VALVES 12" SHALL BE INSTALLED IN LOCATIONS SHOWN IN PLANS AND AS DIRECTED BY THE ENGINEER.
20. CONTRACTOR TO PROVIDE 1" MINIMUM WATER SERVICE LINE, VALVES AND NECESSARY FITTING AND HARDWARE FOR CONNECTION TO RESIDENTIAL SERVICES.

PIPE MATERIALS:

1. WATER MAINS SHALL BE POLY WRAPPED DUCTILE IRON PIPE SPECIAL CLASS 52 WITH SINGLE GASKET JOINTS.
2. CEMENT LINING AND TAR (SEAL) COATING SHALL BE PROVIDED FOR ALL PIPE. ALL PIPE SHALL HAVE PUSH-ON TYPE JOINT UNLESS OTHERWISE CALLED FOR.
3. WHERE RESTRAINED JOINTS ARE SPECIFIED, THEY SHALL MEET ONE OF THE FOLLOWING:

A. U.S. PIPE; TR FLEX JOINT.

B. AMERICAN DUCTILE IRON PIPE; LOK-RING JOINT.

C. MCWANE INC. (CLOW); TYTON FIELD-LOK OR FASTITE JOINT.

D. GRIFFIN PIPE; SNAP-LOK OR BOLT-LOK JOINT.

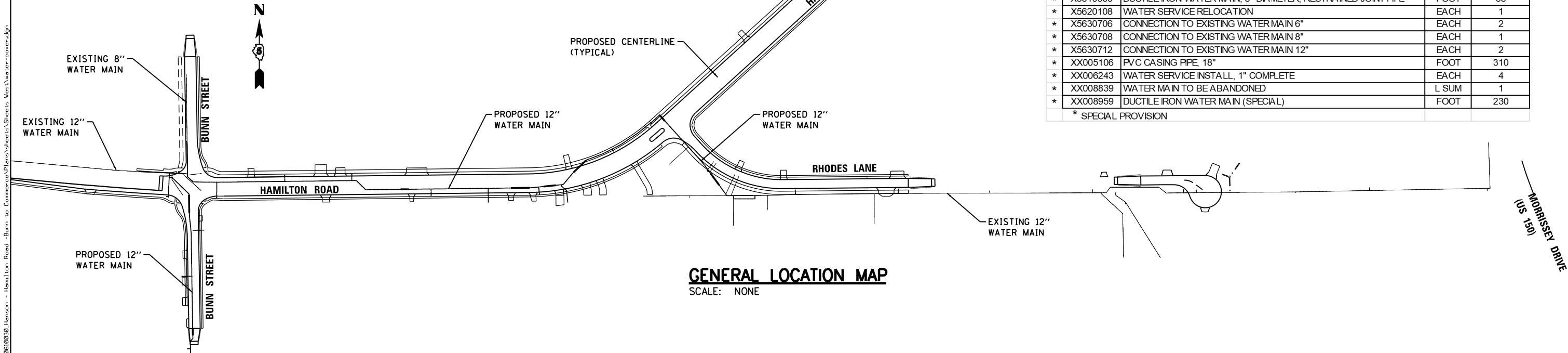
E. 14" OR LARGER PIPE; EBBA IRON SALES MEG-A-LUG RETAINER GLANDS.

F. 12" OR SMALLER PIPE; STANDARD RETAINER GLANDS FROM APPROVED MANUFACTURERS.

G. OR APPROVED EQUAL.
4. WATER MAIN FITTINGS INCORPORATED INTO THIS WORK SHALL CONFORM TO A.N.S.I./A.W.W.A. C110/A21.10 AND A.N.S.I./A.W.W.A. C111/A21.11, 250psi RATED PRESSURE. ALL FITTINGS SHALL HAVE THE SAME LININGS AND COATINGS AS THE PIPE SUPPLIED. ALL FITTINGS (INCLUDING BUT NOT LIMITED TO BENDS, TEES, REDUCERS, AND PLUGS) SHALL BE RESTRAINED WITH RETAINER GLANDS OR A MANUFACTURED JOINT RESTRAINING SYSTEM APPROVED BY THE DIRECTOR OF WATER.
5. TAPPING VALVES SHALL BE CLOW F6114 OR APPROVED EQUAL. RETAINER GLANDS SHALL BE: MCWANE (CLOW) F-1058 OR APPROVED EQUAL, AND SHALL BE INSTALLED AT THE JOINT BETWEEN THE VALVE AND THE PROPOSED WATER MAIN.
6. TAPPING SLEEVES SHALL BE STAINLESS STEEL WITH STAINLESS STEEL BOLTS AS FOLLOWS:

A. TAPS ONTO EXISTING 4", 6", AND 8" MAINS; CASCADE CST-SL, FORD FAST OR APPROVED EQUAL.

B. TAPS ONTO EXISTING 10" OR LARGER MAINS; CASCADE CST-EX OR APPROVED EQUAL.
7. VALVE BOXES SHALL BE PROVIDED AND INSTALLED. ALL VALVE BOXES SHALL HAVE NOT LESS THAN A 5-1/4" SHAFT. THE EXTENSIONS OF THE VALVE BOX AND SHAFT NECESSARY TO REACH THE GROUND ELEVATION SHALL BE INCLUDED. VALVE BOXES SHALL BE TYLER PIPE TWO PIECED SCREW TYPE, #6850 SERIES WITH THE WORD "WATER" CAST ON LID OR AN APPROVED EQUAL.
8. FOR APPROVED MANUFACTURERS NOT LISTED ON THE SHEET, INQUIRE OF THE DIRECTOR OF THE CITY OF BLOOMINGTON WATER DEPARTMENT AT (309) 434-2426.



BILL OF MATERIALS			
CODE NO.	ITEM	UNIT	QUANTITY
* 20800150	TRENCH BACKFILL	CU YD	256.7
* 56105000	WATER VALVES 8"	EACH	3
* 56105200	WATER VALVES 12"	EACH	19
* 56108800	TAPPING VALVES AND SLEEVES 6"	EACH	1
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	2
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	7
* 56400600	FIRE HYDRANTS	EACH	4
* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8
* 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	589.2
* 60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1
* X1200078	DUCTILE IRON WATER MAIN 12" RESTRAINED JOINT PIPE	FOOT	2,516
* X5610024	DUCTILE IRON WATER MAIN 6" RESTRAINED JOINT TYPE	FOOT	189
* X5610748	WATER MAIN LINE STOP 8"	EACH	2
* X5610752	WATER MAIN LINE STOP 12"	EACH	4
* X5610900	DUCTILE IRON WATER MAIN, 8" DIA.METER, RESTRAINED JOINT PIPE	FOOT	56
* X5620108	WATER SERVICE RELOCATION	EACH	1
* X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	2
* X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	1
* X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	2
* XX005106	PVC CASING PIPE, 18"	FOOT	310
* XX006243	WATER SERVICE INSTALL, 1" COMPLETE	EACH	4
* XX008839	WATER MAIN TO BE ABANDONED	L SUM	1
* XX008959	DUCTILE IRON WATER MAIN (SPECIAL)	FOOT	230
* SPECIAL PROVISION			

GENERAL LOCATION MAP
SCALE: NONE

LAYOUT	
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	DATE - JULY 2024	REVISED -

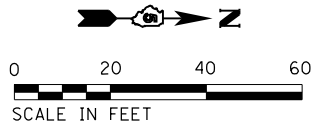
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS – HAMILTON ROAD WATER MAIN PLANS			
SCALE: NONE	SHEET 101	OF 191 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	MCLEAN	192	101
CONTRACT NO. 91653				
ILLINOIS FED. AID PROJECT				

LEGEND

- W— PROPOSED WATER MAIN
- W— WATER MAIN TO BE ABANDONED
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE

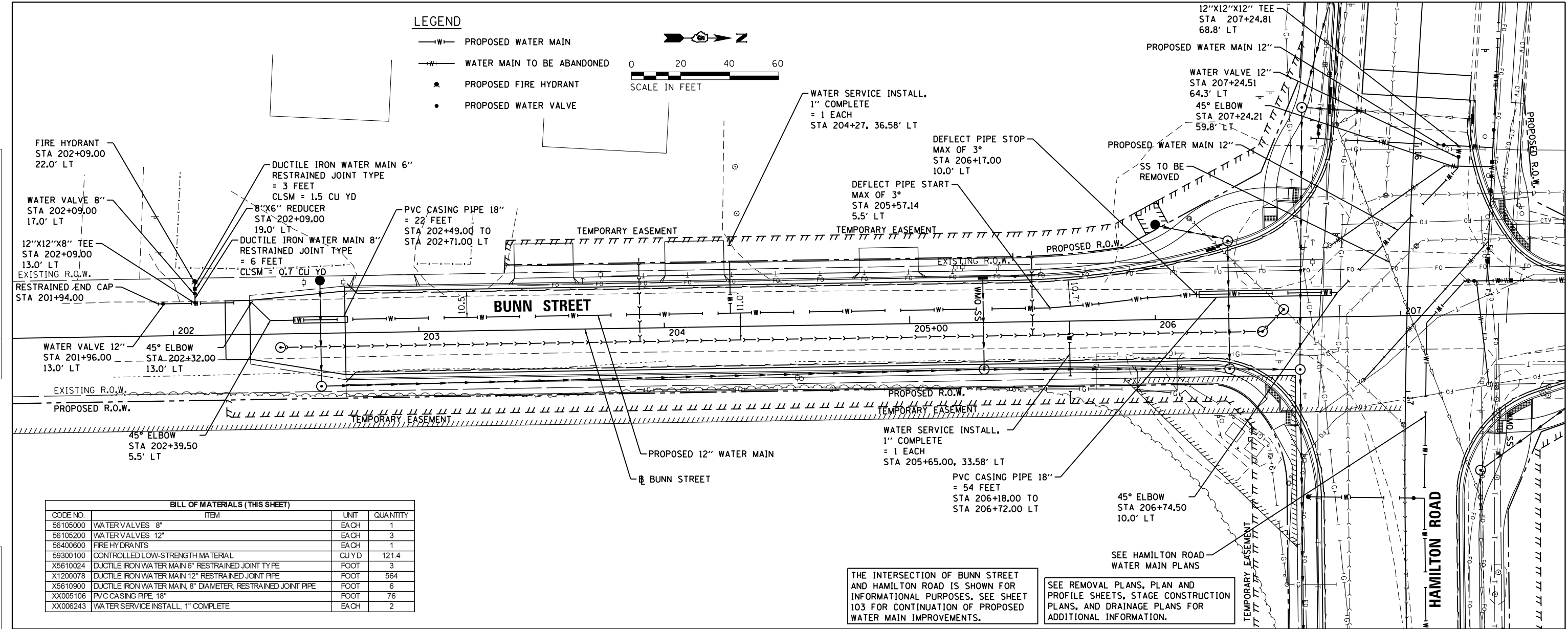


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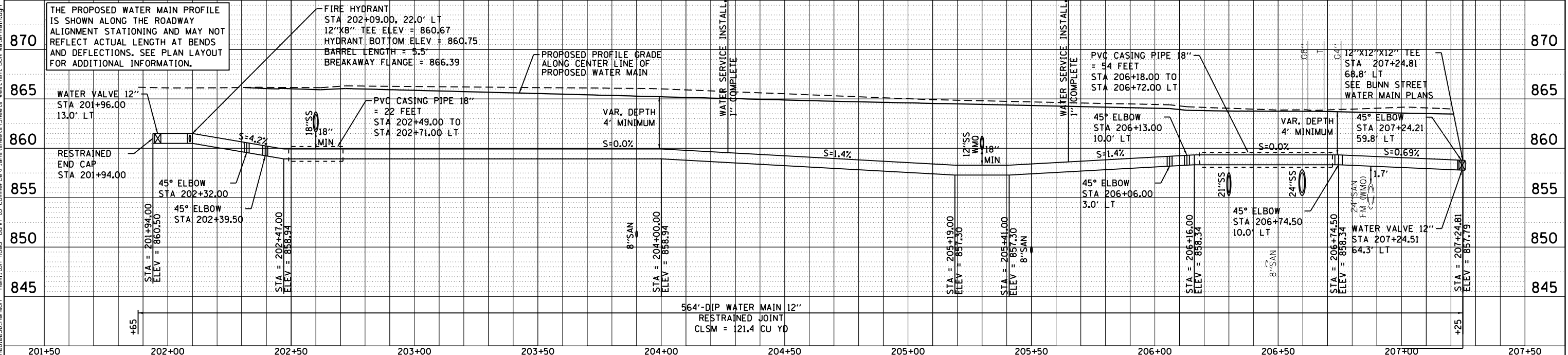
Clark Dietz

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LAYOUT	BY	DATE
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CODE NO.	ITEM	UNIT	QUANTITY
56105000	WATER VALVES 8"	EACH	1
56105200	WATER VALVES 12"	EACH	3
56400600	FIRE HYDRANTS	EACH	1
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	121.4
X5610024	DUCTILE IRON WATER MAIN 6" RESTRAINED JOINT TYPE	FOOT	3
X1200078	DUCTILE IRON WATER MAIN 12" RESTRAINED JOINT PIPE	FOOT	564
X5610900	DUCTILE IRON WATER MAIN, 8" DIAMETER, RESTRAINED JOINT PIPE	FOOT	6
XX005106	PVC CASING PIPE, 18"	FOOT	76
XX006243	WATER SERVICE INSTALL, 1" COMPLETE	EACH	2



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DRAWN -	JRM	REVISED -
CHECKED -	SMW	REVISED -
DATE -	JULY 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUNN STREET
WATER MAIN PLANS

SCALE: 1"=20' SHEET 102 OF 191 SHEETS STA. 201+50 TO STA. 207+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	MCLEAN	192	102
CONTRACT NO. 91653				

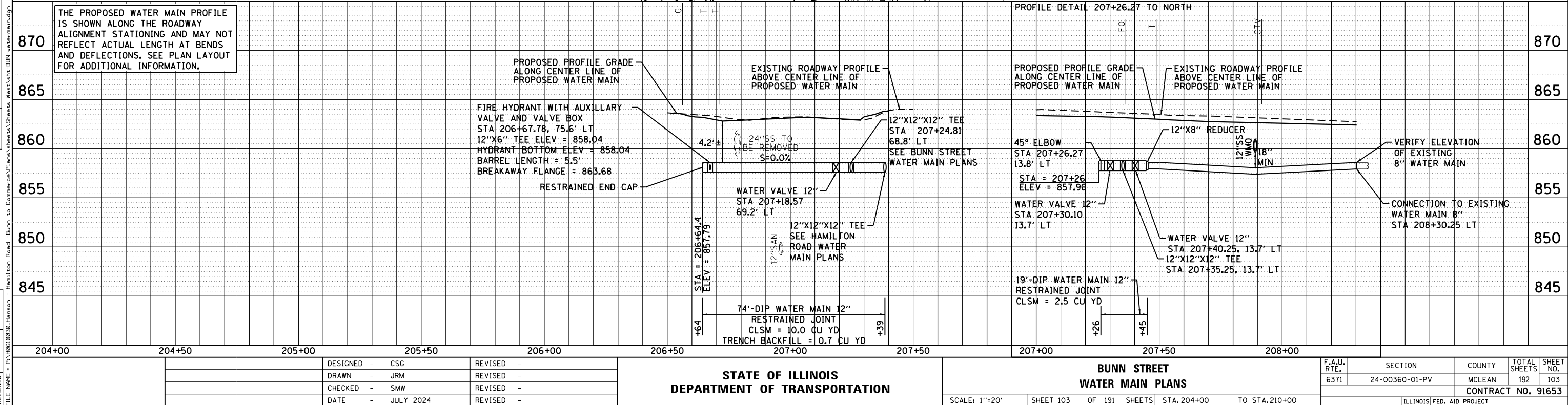
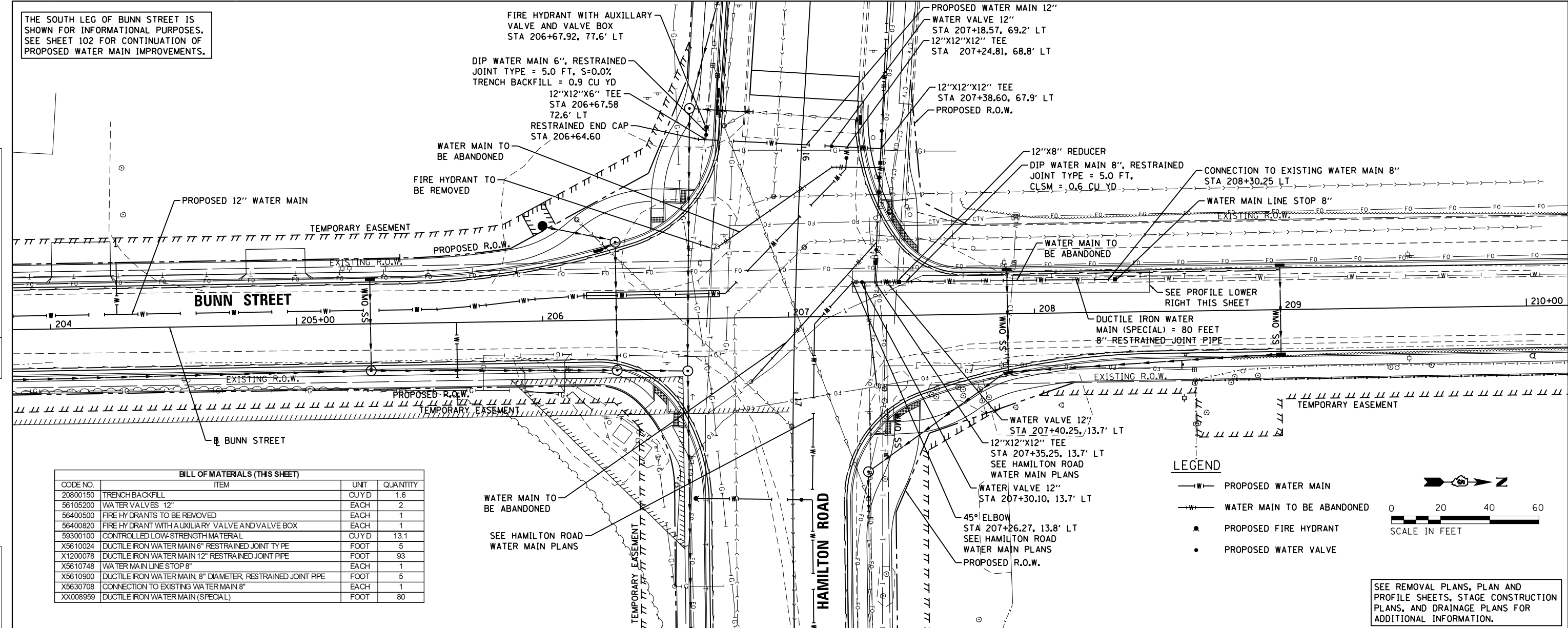
ILLINOIS FED. AID PROJECT

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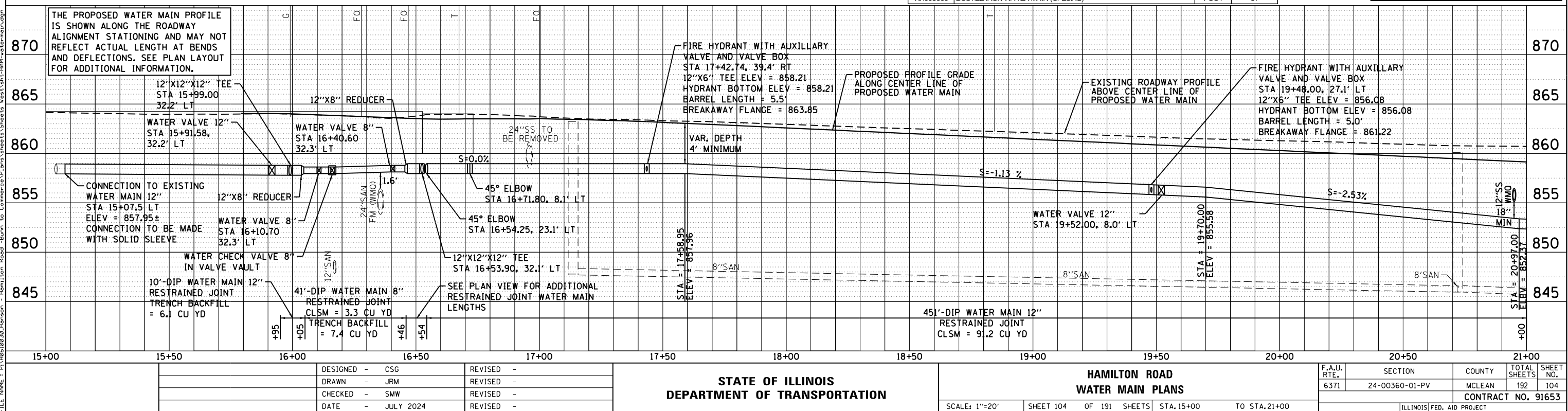
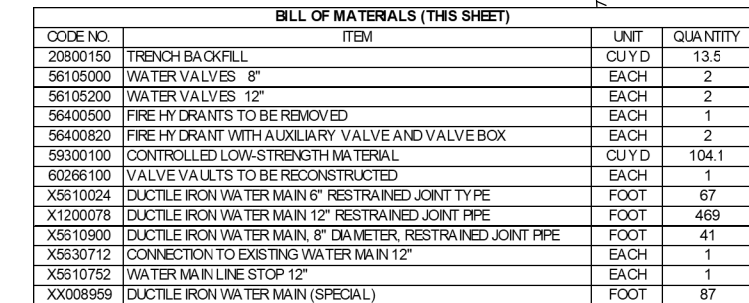
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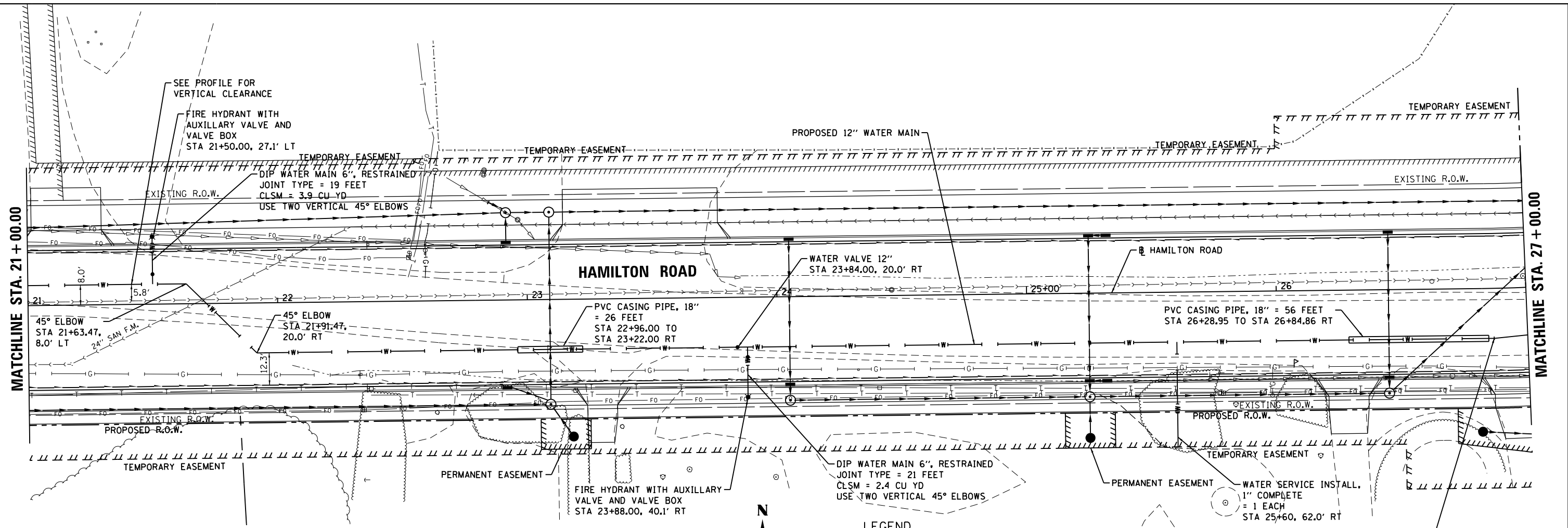
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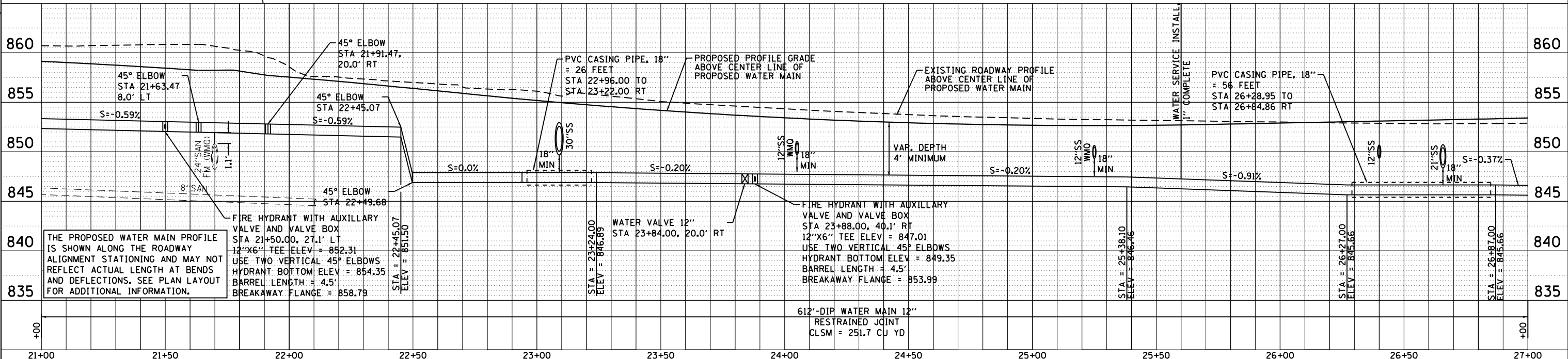


BILL OF MATERIALS (THIS SHEET)			
CODE NO.	ITEM	UNIT	QUANTITY
56105200	WATER VALVES 12"	EACH	1
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	258.0
X5610024	DUCTILE IRON WATER MAIN 6" RESTRAINED JOINT TYPE	FOOT	40
X1200078	DUCTILE IRON WATER MAIN 12" RESTRAINED JOINT PIPE	FOOT	612
XX005106	PVC CASING PIPE, 18"	FOOT	82
XX006243	WATER SERVICE INSTALL, 1" COMPLETE	EACH	1

- LEGEND**
- W— PROPOSED WATER MAIN
 - W— WATER MAIN TO BE ABANDONED
 - PROPOSED FIRE HYDRANT
 - PROPOSED WATER VALVE

DEFLECT.
3° MAX DEFLECTION
PER JOINT.

SEE REMOVAL PLANS, PLAN AND
PROFILE SHEETS, STAGE CONSTRUCTION
PLANS, AND DRAINAGE PLANS FOR
ADDITIONAL INFORMATION.



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DATE -	JULY 2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
WATER MAIN PLANS

SCALE: 1"=20' SHEET 105 OF 191 SHEETS STA. 21+00 TO STA. 27+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	MCLEAN	192	105
CONTRACT NO. 91653				

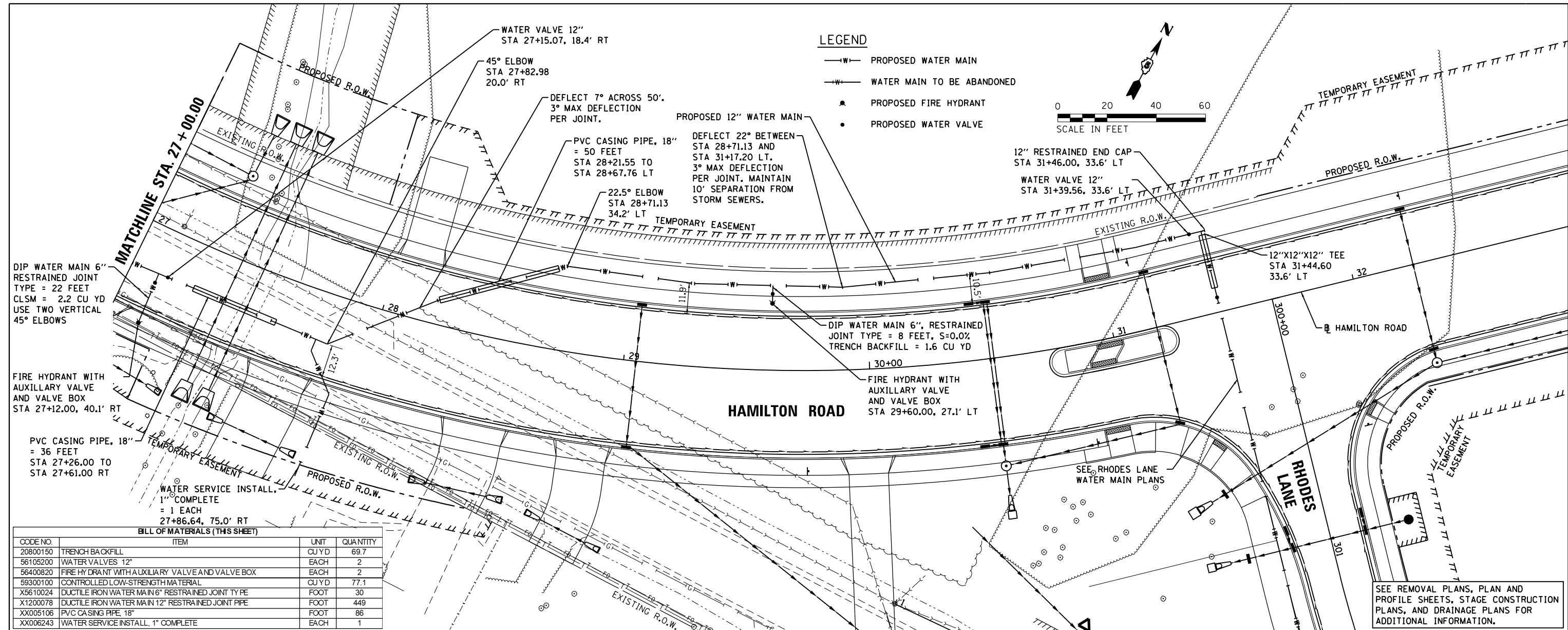
ILLINOIS FED. AID PROJECT

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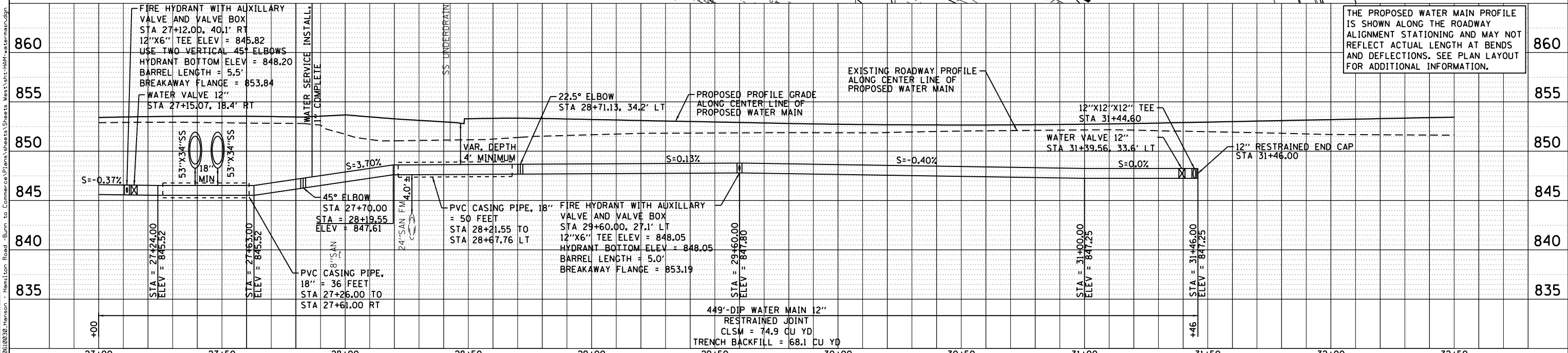
Clark Dietz

PROFILE	SURVEYED	BY	DATE
GRADES	CHECKED		
STRUCTURE	NOTED		
NO.	STATUS		

LAYOUT	DESIGNED	BY	DATE
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	JULY 2024		



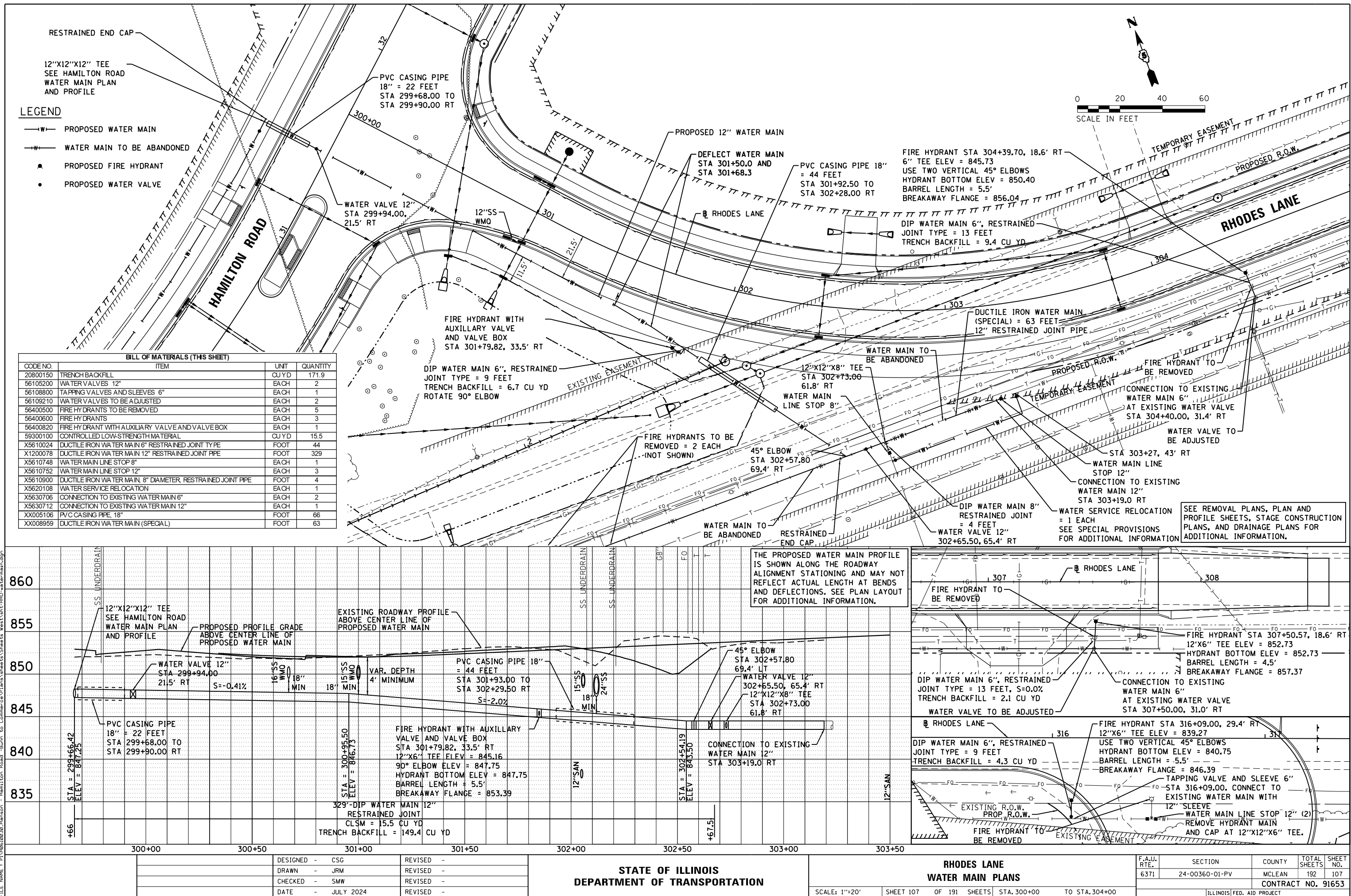
BILL OF MATERIALS (THIS SHEET)			
CODE NO.	ITEM	UNIT	QUANTITY
20800150	TRENCH BACKFILL	CU YD	69.7
56105200	WATER VALVES 12"	EACH	2
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	77.1
X5610024	DUCTILE IRON WATER MAIN 6" RESTRAINED JOINT TYPE	FOOT	30
X1200078	DUCTILE IRON WATER MAIN 12" RESTRAINED JOINT PIPE	FOOT	449
XX005106	PVC CASING PIPE, 18"	FOOT	86
XX006243	WATER SERVICE INSTALL, 1" COMPLETE	EACH	1

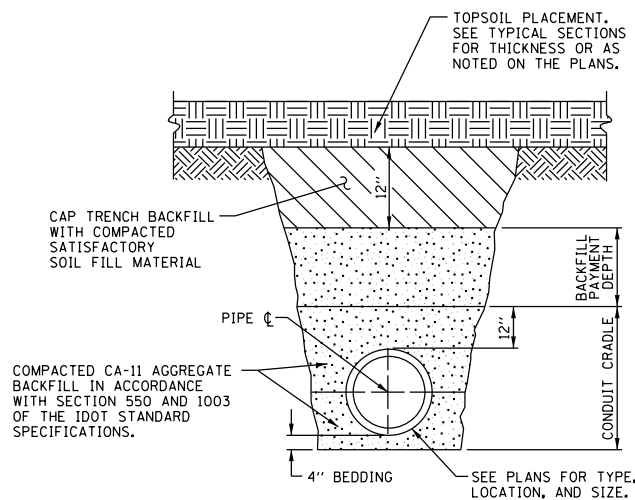


27+00		27+50		28+00		28+50		29+00		29+50		30+00		30+50		31+00		31+50		32+00		32+50							
				DESIGNED - CSG		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										HAMILTON ROAD WATER MAIN PLANS				F.A.U. R.T.E.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
				DRAWN - JRM		REVISED -																6371	24-00360-01-PV		MCLEAN	192	106		
				CHECKED - SMW		REVISED -																CONTRACT NO. 91653							
				DATE - JULY 2024		REVISED -												SCALE: 1"=20'		SHEET 106	OF 191	SHEETS	STA. 27+00		TO STA. 32+50		ILLINOIS FED. AID PROJECT		

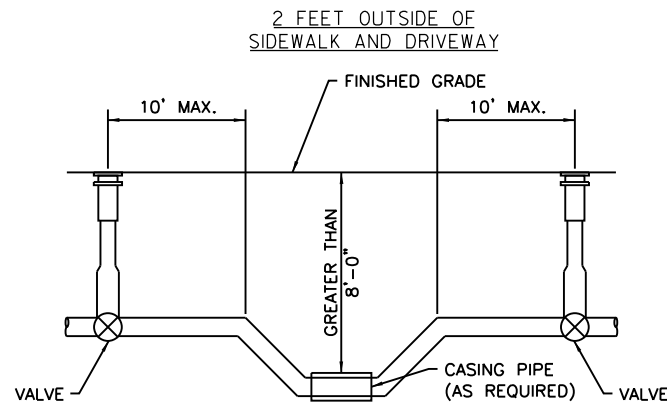
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AGGREGATE TRENCH BACKFILL METHOD
OUTSIDE OF SIDEWALK AND DRIVEWAY
WITHIN ROADWAY PARKWAY AREA

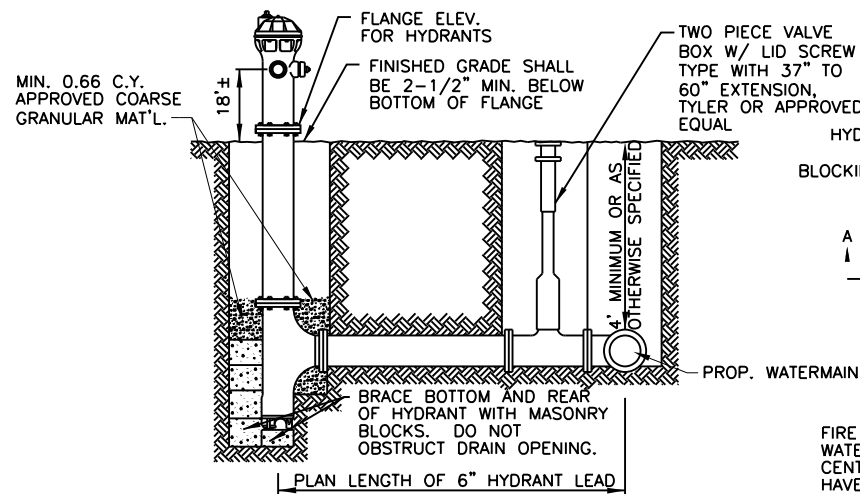


NOTES:
VALVE REQUIRED ON EACH SIDE OF SEWER, CREEK OR OTHER
CROSSING WHERE WATER MAIN IS MORE THAN 8'-0" DEEP.

NO SERVICE TAPS OR HYDRANT CONNECTIONS BETWEEN VALVES.

WATER MAIN CROSSING

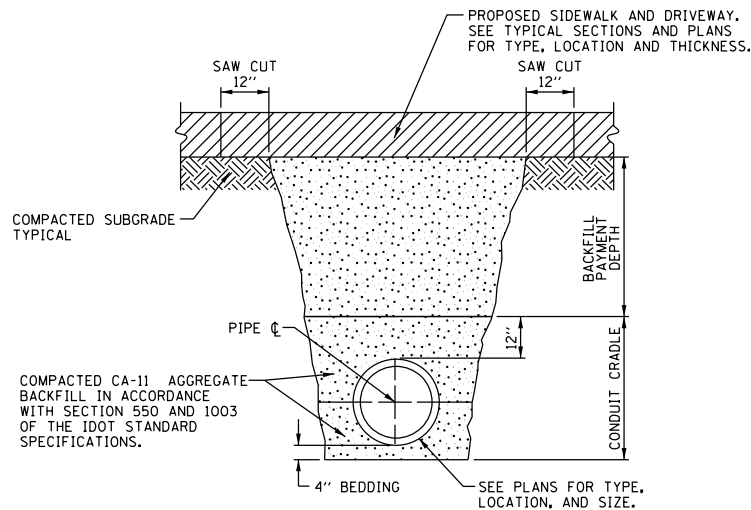
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SECTION A-A

TYPICAL HYDRANT INSTALLATION DETAILS

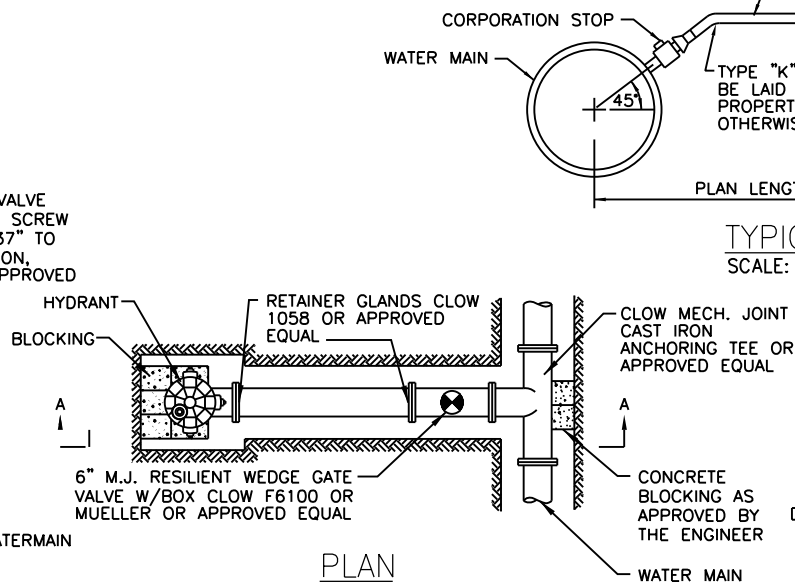
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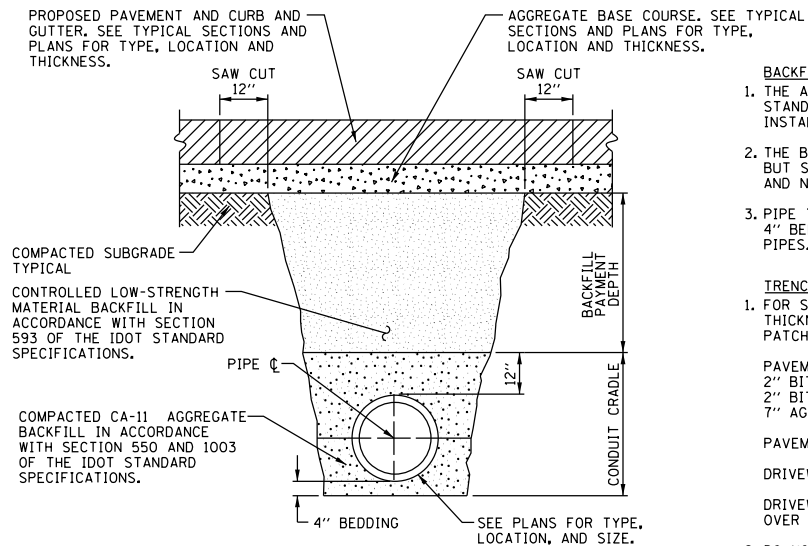
AGGREGATE TRENCH BACKFILL METHOD
UNDER PROPOSED SIDEWALK AND
DRIVEWAY WITHIN ROADWAY PARKWAY



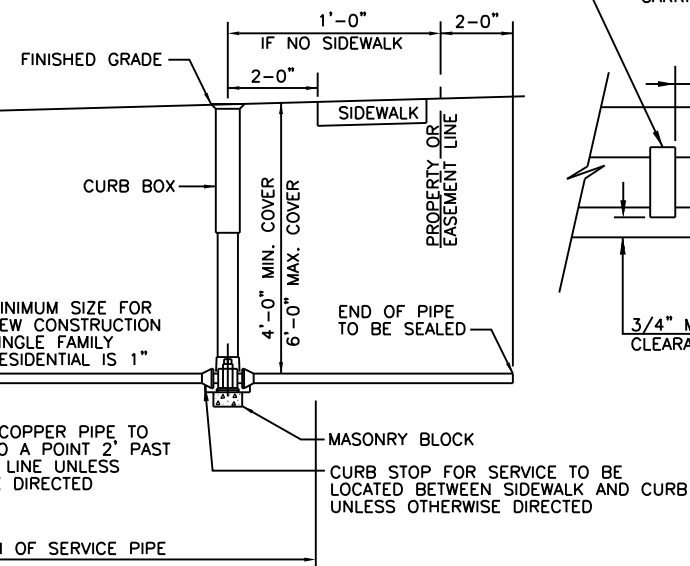
<u>PERMITTED TAP SIZES</u>	
<u>TAP SIZE</u>	<u>MINIMUM SIZE OF WATERMAIN TO BE TAPPED</u>
3/4"	4" & 6"
1-1/2"	8"
2" AND OVER MUST BE MADE BY SIDE TAP SLEEVES AND VALVES OR BY A REGULAR TEE. ALL SIDE TAPS 2" AND OVER SHALL BE MADE BY CITY FORCES @ THE SCHEDULED PRICES ESTABLISHED BY THE WATER DEPARTMENT. - TAPS ON WATER MAINS CONSTRUCTED BEFORE 1980 SUBJECT TO REVIEW AND APPROVAL OF THE CITY OF BLOOMINGTON WATER DEPARTMENT.	



FIRE HYDRANTS SHALL BE:
WATEROUS PACER, CLOW F-2500, CLOW MEDALLION, OR MUELLER MODERN
CENTURION. ALL HYDRANTS SHALL BE STEAMER TYPE. A STEAMER HYDRANT SHALL
HAVE A MINIMUM 5-1/4" INTERNAL VALVE, TWO 2-1/2" HOSE NOZZLES WITH
NATIONAL STANDARD THREADS, AND ONE 4-1/2" PUMPER NOZZLE WITH
BLOOMINGTON STANDARD THREADS (7 THREADS PER 1", 0.247" DEEP). THE STEAMER
NOZZLE SHALL BE EQUIPPED WITH A STORZ FITTING. FOR ALL HYDRANTS, ALL BOLTS
BELOW GROUND LEVEL SHALL BE STAINLESS STEEL. FIRE HYDRANTS SHALL BE
PAINTED SAFETY YELLOW WITH A PAINT APPROVED BY THE DIRECTOR OF THE WATER
DEPARTMENT. PRIVATE HYDRANTS SHALL BE PAINTED SAFETY RED. HYDRANT GATE
VALVE SHALL BE LOCATED IN PAVEMENT OR SIDEWALK IF POSSIBLE.
ALL FIRE HYDRANTS, VALVES, AND FITTINGS SHALL BE RESTRAINED.

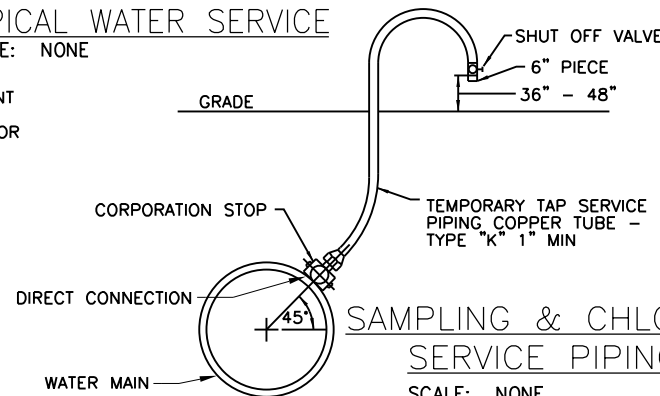


CONTROLLED LOW-STRENGTH MATERIAL BACKFILL METHOD UNDER PROPOSED PAVEMENT AND CURB AND GUTTER



TYPICAL WATER SERVICE

SCALE: NONE

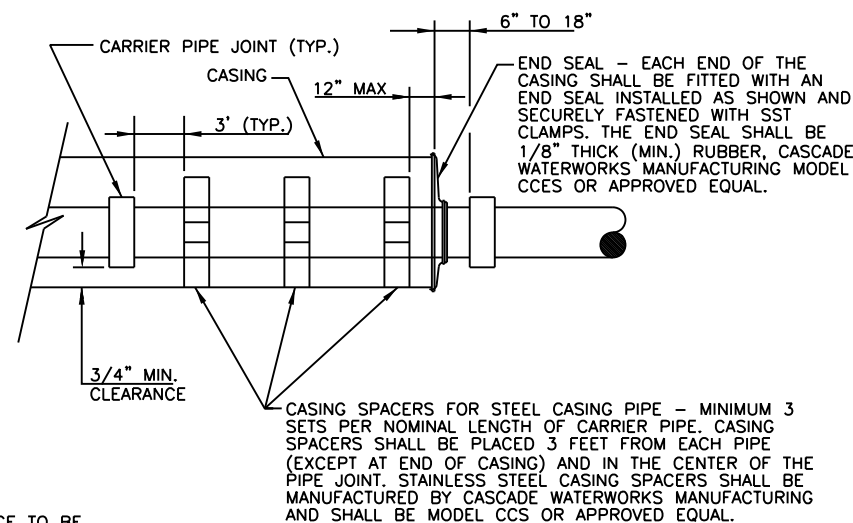


SAMPLING & CHLORINATION
SERVICE PIPING TAP

SCALE: NONE

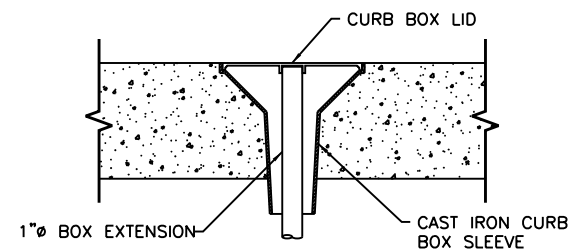
SERVICE SIZE	* CORP. STOP	* CURB STOP	* CURB BOX
3/4" & 1"	MUELLER H-15000	MUELLER H-15200 or A.Y. McDONALD 4113	MUELLER H-10314 or A.Y. McDONALD 5601
1 1/4"	MUELLER H-15000	MUELLER H-15204 or A.Y. McDONALD 6100	A.Y. MCDONALD 5603
1-1/2" & 2"	BALL VALVE: FORD, MUELLER or A.Y. McDONALD	BALL VALVE: FORD, MUELLER or A.Y. McDONALD	A.Y. MCDONALD 5603

* OR APPROVED EQUAL



PVC OR STEEL CASING PIPE DETAIL

SCALE: NONE

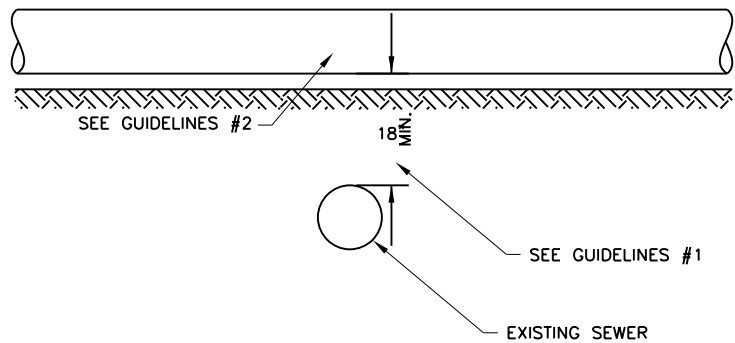


TYPICAL CURB BOX INSTALLATION IN SIDEWALK OR DRIVEWAY

SCALE: NONE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	MCLEAN	192	108
		CONTRACT NO. 91653		
ILLINOIS		FED. AID PROJECT		

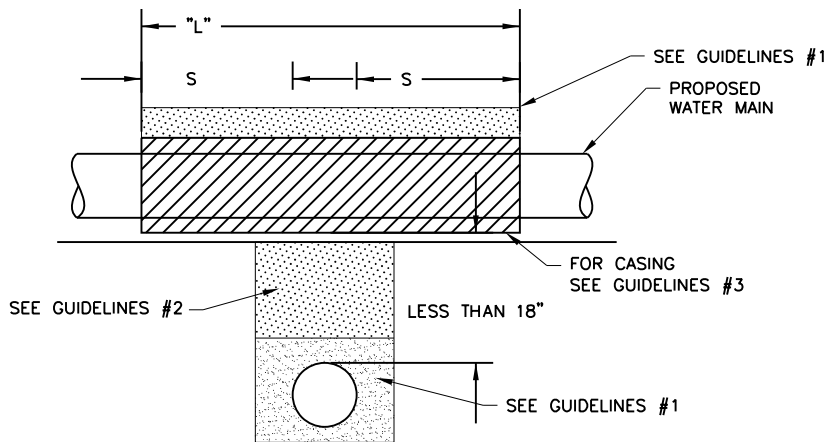
LAYOUT	
DRAWN	
REVIEWED	



GUIDELINES

1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
2. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO 12" OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.

PROPOSED WATER MAIN WITH 18" MINIMUM VERTICAL SEPARATION ABOVE EXISTING SEWER LINE



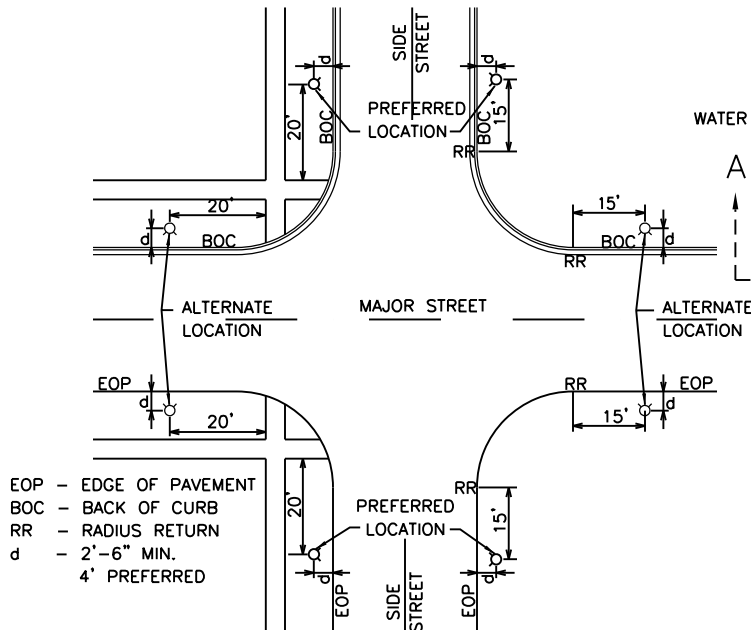
NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10' OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

GUIDELINES

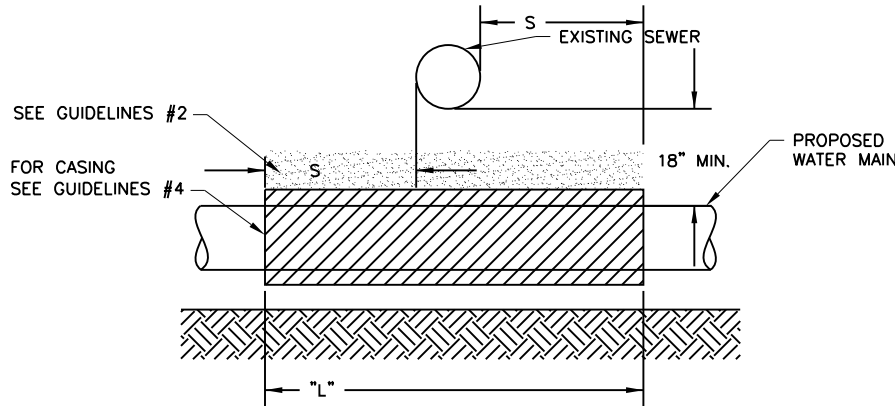
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.



TYPICAL HYDRANT LOCATION PLAN
SCALE: NONE



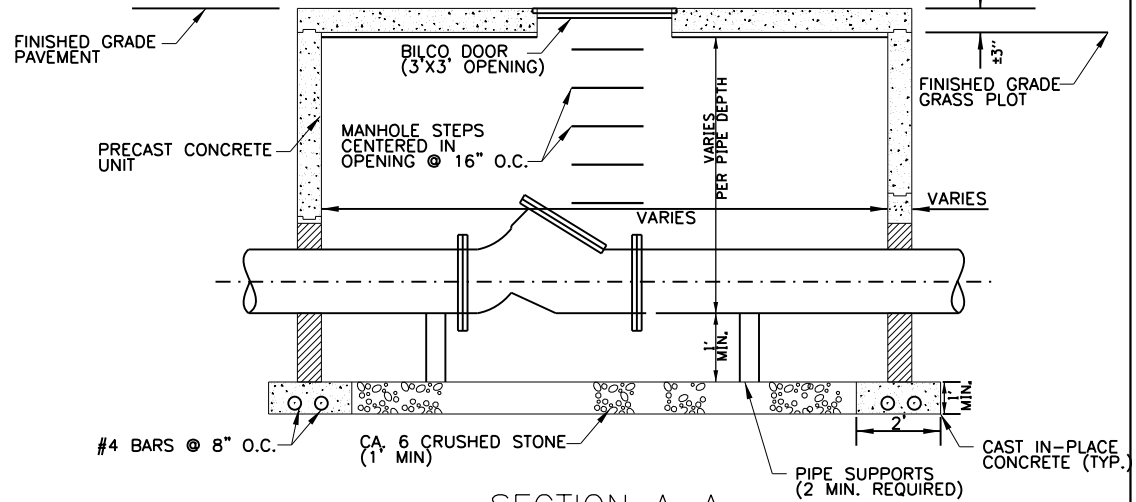
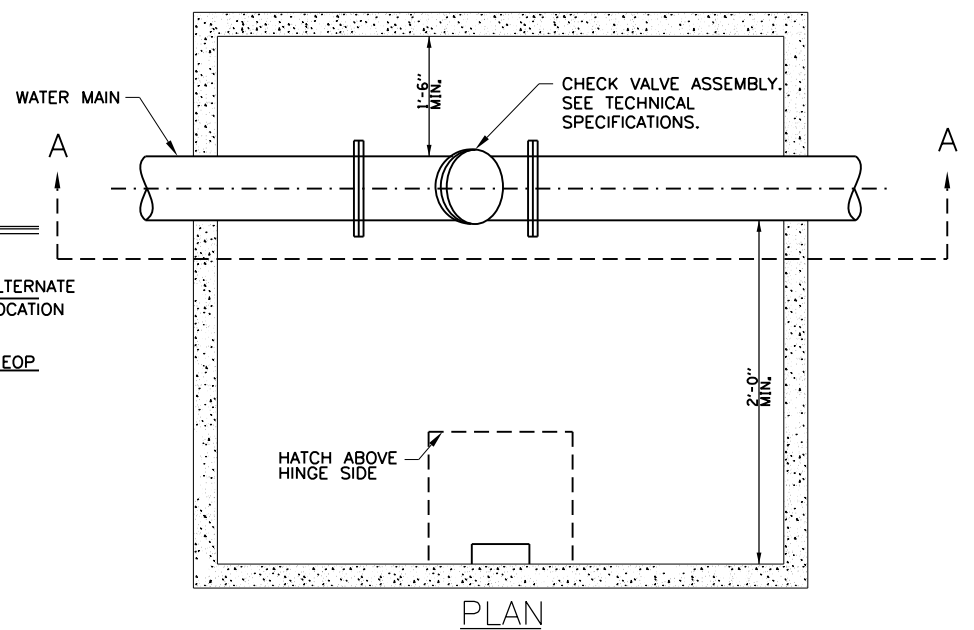
NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10' OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING, OR REPLACE SEWER MAIN WITH WATER MAIN QUALITY MATERIAL AND PRESSURE TEST.

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.



GUIDELINES

1. THE VAULT, VAULT LID AND BILCO DOOR SHALL BE DESIGNED FOR MINIMUM HS-20 LOADING.
2. SUBMIT VAULT DESIGN FOR APPROVAL BEFORE CONSTRUCTION.
3. THE COST TO CONSTRUCT AND INSTALL THE WATER MAIN VALVE VAULT AND CHECK VALVE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR VALVE VAULT TO BE RECONSTRUCTED. THE WATER MAIN PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR WATER MAIN OF THE SIZE SPECIFIED IN THE PLANS.

VALVE VAULTS TO BE RECONSTRUCTED
DETAIL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
WATER MAIN PLANS

SCALE: 1"=20' SHEET 109 OF 191 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	MCLEAN	192	109
CONTRACT NO. 91653				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1.

IN ACCORDANCE WITH STATE OF ILLINOIS STATUTE 220 ILCS 50, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.
J.U.L.I.E. TELEPHONE NUMBER
1-800-892-0123
2.

IN ADDITION TO THE REQUIREMENTS OF SECTIONS 5-5 AND 20-2.16 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL, PRIOR TO STARTING EXCAVATION, ASCERTAIN FROM ALL LOCAL UTILITIES, ESPECIALLY GAS AND WATER, THE EXACT LOCATIONS OF ALL MAINS AND BUILDING SERVICES IN THE AREA OF OPERATIONS, WHETHER SUCH ARE INDICATED ON THE PLANS OR NOT. ANY SUCH MAINS AND SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED. WHENEVER POSSIBLE, BUILDING OWNERS OR OCCUPANTS SHALL BE NOTIFIED IN ADVANCE IF THEIR UTILITY SERVICE IS TO BE DISCONNECTED AND NO BUILDING SHALL BE LEFT WITHOUT SERVICE OVERNIGHT.
3.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF THEIR OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE, AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
4.

UNLESS INDICATED OTHERWISE, ALL PROPOSED PIPE PROFILE ELEVATIONS SHOWN ON THE PLANS DEPICT THE FLOW LINE OF PROPOSED PIPE CONDUITS.
5.

ALL SANITARY SEWER SECTIONS, DETAILS, AND NOTES SHOWN ON THE SANITARY SEWER DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS OTHERWISE SHOWN.
6.

ALL MATERIALS SHALL BE APPROVED BY ENGINEER AND THE CITY OF BLOOMINGTON PRIOR TO CONSTRUCTION.
7.

THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF AT ANY TIME, PUBLIC OR PRIVATE PROPERTY IS DAMAGED OR DESTROYED, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE.
8.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PRESERVE AND NOT DISTURB EXISTING PROPERTY AND RIGHT OF WAY MARKERS. ANY IRON PIPE, PROPERTY PIN OR MARKER UNNECESSARILY DISTURBED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RESET BY A REGISTERED ILLINOIS LAND SURVEYOR. THE COST OF RESETTING THESE MONUMENTS SHALL BE BORNE BY THE CONTRACTOR.
9.

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF BLOOMINGTON AT LEAST 48 HOURS PRIOR TO TAKING GRAVITY SEWER OUT OF SERVICE.
10.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND EXECUTION OF ANY TEMPORARY SHORING REQUIRED FOR EXCAVATIONS.
11.

THE CITY OR CITY'S REPRESENTATIVE SHALL BE PRESENT TO WITNESS THE CONNECTION OF ALL GRAVITY SEWER MAINS AND LATERALS.
12.

WATER MAINS SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, AND FORCE MAINS IN ACCORDANCE WITH SECTIONS 41-2.01B AND 41-2.01C OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
13.

BACKFILLING OF THE SEWER TRENCH SHALL BE AS QUICK AS PRACTICABLE TO THE INSTALLATION OF THE PROPOSED SEWERS. FENCING IS REQUIRED AROUND SITE EXCAVATION DURING NON-WORKING HOURS OR WHEN CREW IS NOT ON SITE.
14.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
15.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY INSTALL AND MAINTAIN EROSION CONTROL DEVICES TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION LIMITS.
16.

THE GRAVITY SEWER WITH APPURTENANCES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, "EIGHTH EDITION", DATED 2020, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE CITY OF BLOOMINGTON'S MANUAL OF PRACTICE, LATEST EDITION, THE PROJECT SPECIFICATIONS AND THE PLAN DRAWINGS.
17.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL SERVICE SEWERS, FIELD TILE AND SUMP PUMP LOCATIONS ENCOUNTERED. SERVICE SEWERS SHALL BE MEASURED TO THE NEAREST FOOT ON THE STATIONING OF THE SEWER. ALL SERVICE SEWERS AND PIPES SHALL BE DOCUMENTED BY THE CONTRACTOR.
18.

GRAVITY SEWER MAIN PIPE MATERIAL SHALL BE PVC ASTM D2241 SDR 21 AND JOINTS SHALL BE ASTM D3139 AND ASTM F477. UNLESS OTHERWISE NOTED.
19.

ALL MANHOLES SHALL BE TESTED FOR WATER TIGHTNESS ACCORDING TO SECTION 32-12 METHOD B OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
20.

BEDDING, HAUNCHING, AND INITIAL BACKFILL SHALL BE PER THE CITY OF BLOOMINGTON'S MANUAL OF PRACTICE FOR THE DESIGN OF PUBLIC IMPROVEMENTS IN THE CITY OF BLOOMINGTON, ILLINOIS AND THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
21.

THE SANITARY GRAVITY SEWER MAINS SHALL MAINTAIN THE REQUIRED VERTICAL AND HORIZONTAL SEPARATION OR MEET THE PIPE QUALITY AND REQUIREMENTS PER SECTION 41 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
22.

ALL GRAVITY SEWERS SHALL BE CCTV INSPECTED AFTER REQUIRED TESTING IS COMPLETED.
23.

ALL SEWERS SHALL BE DEFLECTION TESTED ACCORDING TO SECTION 31-1.13 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
24.

THE CONTRACTOR SHALL COORDINATE WITH CITY PRIOR TO STARTING WORK ON ANY SANITARY SEWER IMPROVEMENTS TO ALLOW CITY PERSONNEL TO BE ON SITE DURING VARIOUS ASPECTS OF THE WORK.
25.

THE CONTRACTOR IS TO BE RESPONSIBLE FOR OBTAINING ALL WATER NECESSARY FOR THE PERFORMANCE OF THE WORK SPECIFIED AND ALL COSTS ASSOCIATED WITH WATER PROCUREMENT. CONTRACTOR SHALL COORDINATE WITH THE CITY PRIOR TO AND REGARDING USE OF CITY WATER FROM THE WATER TREATMENT PLANT - DIVISION STREET LOCATION.
26.

SEWER SERVICE SHALL BE MAINTAINED DURING CONSTRUCTION. DURING CONSTRUCTION THE CONTRACTOR SHALL NOT CAUSE SEWAGE TO BE DISCHARGED EITHER ONTO THE GROUND OR INTO WATERWAYS NOR SHALL HE CAUSE SEWAGE TO BACK UP INTO BUILDINGS. SEWAGE SHALL BE DIVERTED BY PUMPING AND/OR PIPING AROUND ANY PORTION OF THE SEWER SYSTEM WHICH IS TAKEN OUT OF SERVICE.
27.

RESIDENTS SHALL BE NOTIFIED BY THE CONTRACTOR IN ADVANCE IF THEIR HOUSE SERVICE IS TO BE DISRUPTED OR DISCONNECTED. IF RESIDENTS OR BUSINESSES WHOSE UTILITIES HAVE BEEN OR ARE GOING TO BE DISRUPTED OR DISCONNECTED ARE NOT ABLE TO BE CONTACTED DURING NORMAL BUSINESS HOURS, THEY SHALL BE PROMPTLY NOTIFIED BY THE CONTRACTOR OF THE DISRUPTIONS OR DISCONNECTION BY ALTERNATIVE MEANS ACCEPTABLE TO CITY AND THE OWNER. COSTS ASSOCIATED WITH THE PROVISIONS OF SUCH NOTIFICATIONS SHALL BE CONSIDERED PART OF THE CONTRACT AMOUNT.
28.

THE INVERTS AND SLOPES OF THE SEWERS SHOWN WITHIN THIS SET OF DRAWINGS ARE PROVIDED AS AN INFORMATIONAL COURTESY. FIELD VERIFICATION OF BOTH THE SEWER MAIN INVERTS AND SLOPES SHALL BE THE RESPONSIBLTY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOT CLAIM EITHER ADDITIONAL COSTS OR DELAY FOR UNANTICIPATED SEWER MAIN ELEVATIONS.

BILL OF MATERIALS

CODE NUMBER	DESCRIPTION	UNIT	QTY
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CY	1,427
X1200310	SANITARY SEWER SERVICE, COMPLETE	EACH	6
X6022810	MANHOLES, SANITARY, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
X6026055	SANITARY MANHOLE, SPECIAL	EACH	2
Z0056900	SANITARY SEWER 8"	FOOT	412
Z0057100	SANITARY SEWER 12"	FOOT	203

LAYOUT	LU	3/05/2021
DRAWN	RLA	3/05/2021
REVIEWED	LJB	7/10/2024

FILE NAME =	USER NAME = Ander00846	DESIGNED - LU	REVISED -
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	PLOT SCALE = 10.0000 ' / in.	CHECKED - LJB	REVISED -
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
SANITARY SEWER GENERAL NOTES

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	110
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CADD FILE NAME	CHECKED		

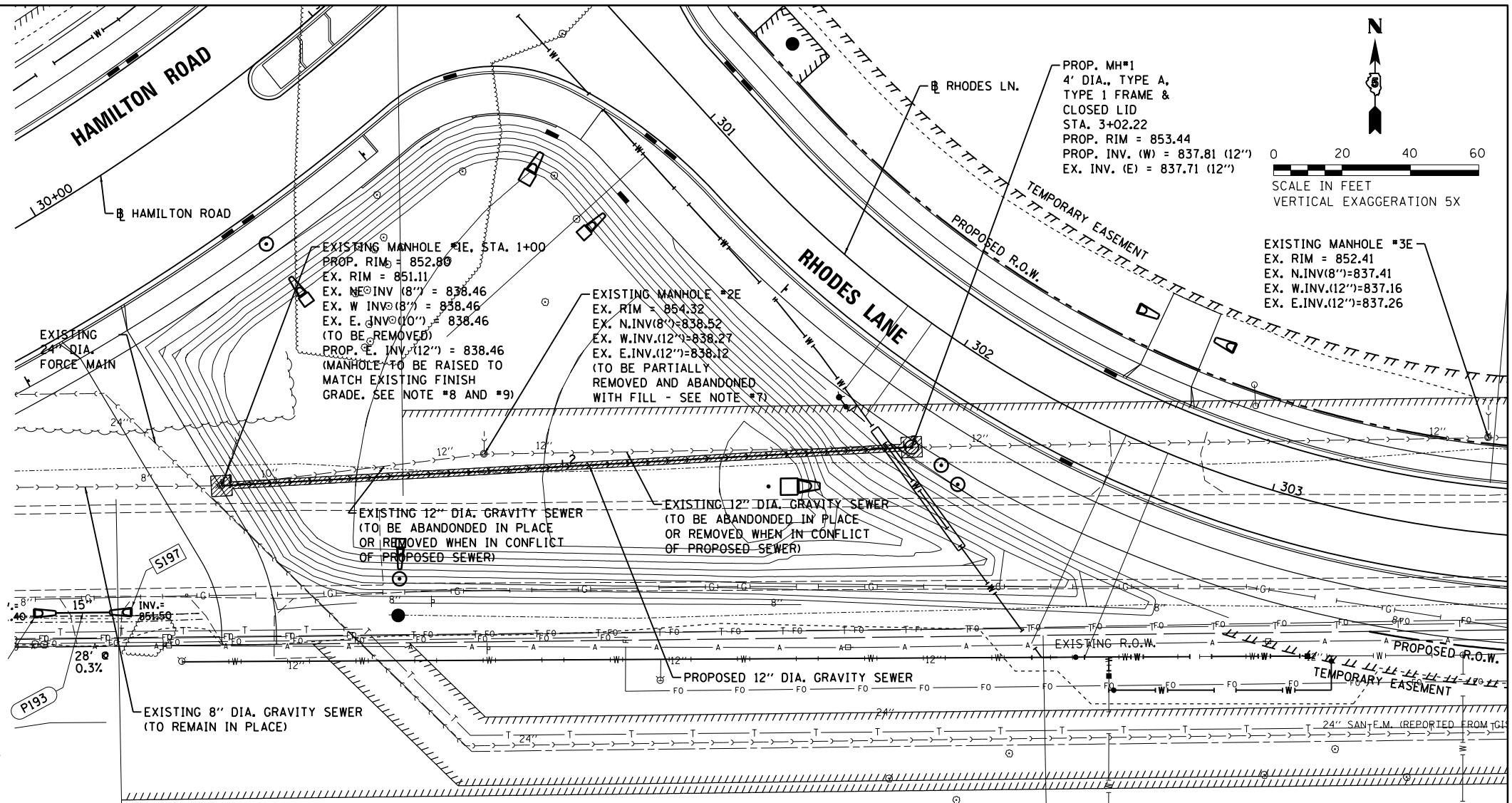


PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
STRUCTURE UTATIS CHKD	STRUCTURE		

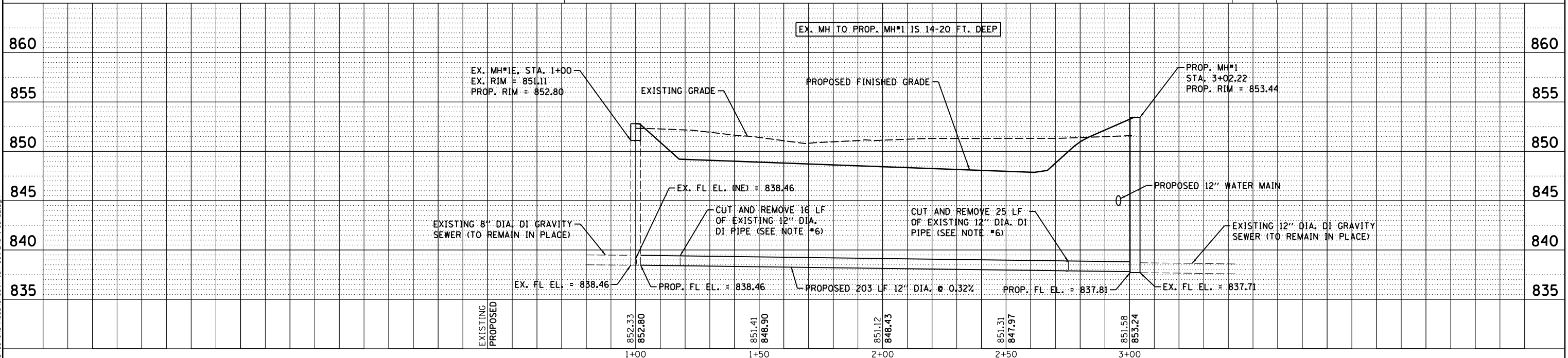
LAYOUT	LU	3/05/2021
DRAWN	RLA	3/05/2021
REVIEWED	LJB	7/10/2024

GENERAL NOTES

- THE CONTRACTOR SHALL COORDINATE WITH CITY PRIOR TO STARTING WORK ON ANY SANITARY SEWER IMPROVEMENTS TO ALLOW CITY PERSONNEL TO BE ON SITE DURING VARIOUS ASPECTS OF THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL WATER NECESSARY FOR THE PERFORMANCE OF THE WORK SPECIFIED AND ALL COSTS ASSOCIATED WITH WATER PROCUREMENT.
- SEWER SERVICE SHALL BE MAINTAINED DURING CONSTRUCTION. DURING CONSTRUCTION THE CONTRACTOR SHALL NOT CAUSE SEWAGE TO BE DISCHARGED EITHER ONTO THE GROUND OR INTO WATERWAYS NOR SHALL HE CAUSE SEWAGE TO BACK UP INTO BUILDINGS. SEWAGE SHALL BE DIVERTED BY PUMPING AND/OR PIPING AROUND ANY PORTION OF THE SEWER SYSTEM WHICH IS TAKEN OUT OF SERVICE.
- RESIDENTS SHALL BE NOTIFIED BY THE CONTRACTOR IN ADVANCE IF THEIR HOUSE SERVICE IS TO BE DISRUPTED OR DISCONNECTED. IF RESIDENTS OR BUSINESSES WHOSE UTILITIES HAVE BEEN OR ARE GOING TO BE DISRUPTED OR DISCONNECTED ARE NOT ABLE TO BE CONTACTED DURING NORMAL BUSINESS HOURS, THEY SHALL BE PROMPTLY NOTIFIED BY THE CONTRACTOR OF THE DISRUPTIONS OR DISCONNECTION BY ALTERNATIVE MEANS ACCEPTABLE TO CITY AND THE OWNER. COSTS ASSOCIATED WITH THE PROVISIONS OF SUCH NOTIFICATIONS SHALL BE CONSIDERED PART OF THE CONTRACT AMOUNT.
- THE INVERTS AND SLOPES OF THE SEWERS SHOWN WITHIN THIS SET OF DRAWINGS ARE PROVIDED AS AN INFORMATIONAL COURTESY. FIELD VERIFICATION OF BOTH THE SEWER MAIN INVERTS AND SLOPES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOT CLAIM EITHER ADDITIONAL COSTS OR DELAY FOR UNANTICIPATED SEWER MAIN ELEVATIONS.
- THE EXISTING 12" DIA. GRAVITY SEWER PIPE SHALL BE REMOVED WHERE IN CONFLICT WITH THE PROPOSED GRAVITY SEWER MAIN CONSTRUCTION. THE REMAINING PORTION OF THE 12" DIAMETER EX. PIPE SHALL BE ABANDONED IN PLACE AND CAPPED AT THE PIPE TERMINUS NEAR EX. MH #1E AND PROP MH #1
- EXISTING MANHOLE #2E SHALL BE ABANDON IN PLACE. REMOVE MANHOLE SECTIONS TO AN ELEVATION OF A MIN. OF 2 FT. (OR NEAREST MH JOINT) FROM FINISH GRADE ELEVATION OF PROPOSED BASIN.
- EXISTING MANHOLE #1E SHALL REMAIN IN PLACE AND FRAME AND LID SHALL BE RAISED TO FINISH GRADE. THE EXISTING MANHOLE CONE AND CHIMNEY SHALL BE REMOVED AND REPLACED AS SPECIFIED. A BARREL SECTION AND CONE SHALL BE INSTALLED TO RAISE RIM TO FINISH GRADE ELEVATION. REUSE FRAME AND LID UNLESS DIRECTED OTHERWISE BY CITY OR OWNER'S REPRESENTATIVE.
- AT EXISTING MANHOLE #1E THE EXISTING PIPE TO BE ABANDONED SHALL BE REMOVED AT THE CONNECTION AND THE MANHOLE CONNECTION SHALL BE CORED AS NEEDED FOR THE PROPOSED 12" DIAMETER PIPE.



GRAVITY SEWER RELOCATION PLAN AND PROFILE STA. 1+00.00 TO 3+02.22



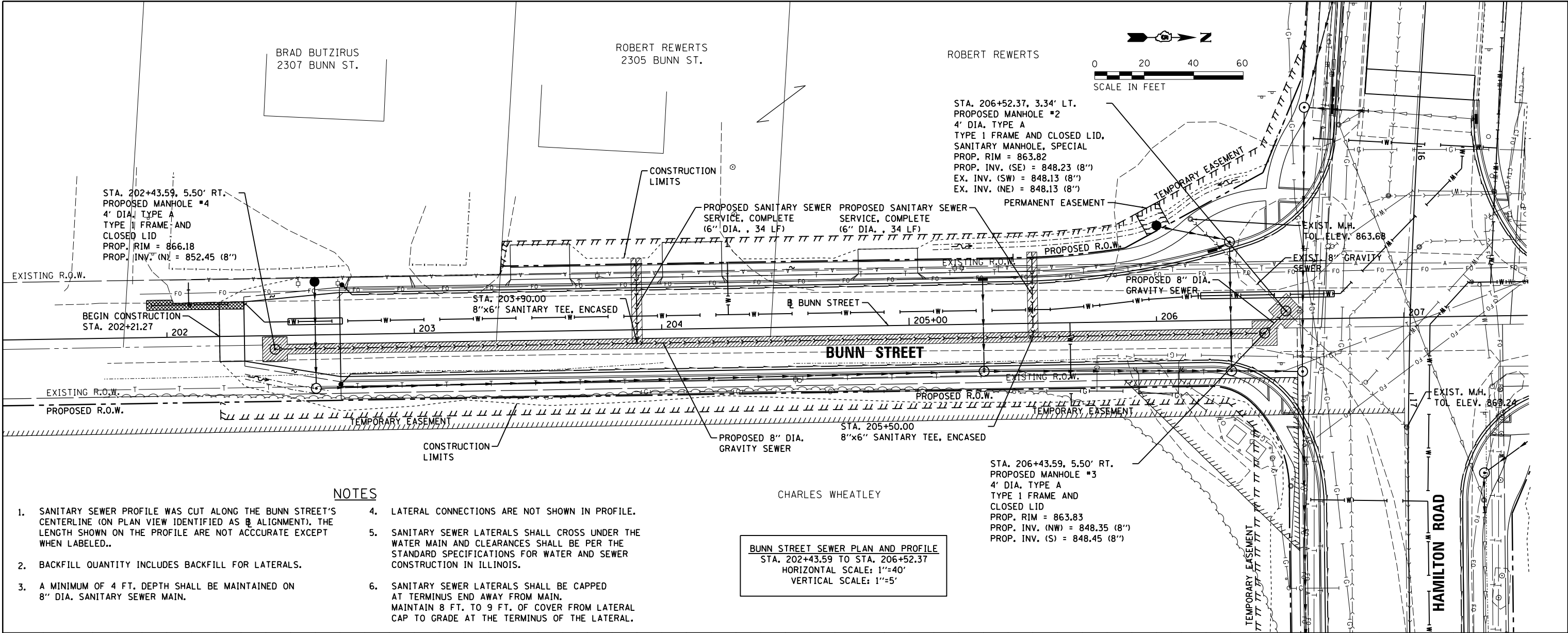
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PLOT SCALE = 40.0000' / in.	CHECKED - LJB	REVIEWED -	REVISI					CONTRACT NO.91653				
PLOT DATE = 11/20/2024	DATE = 11/21/2024	REVISI						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CADD FILE NAME		



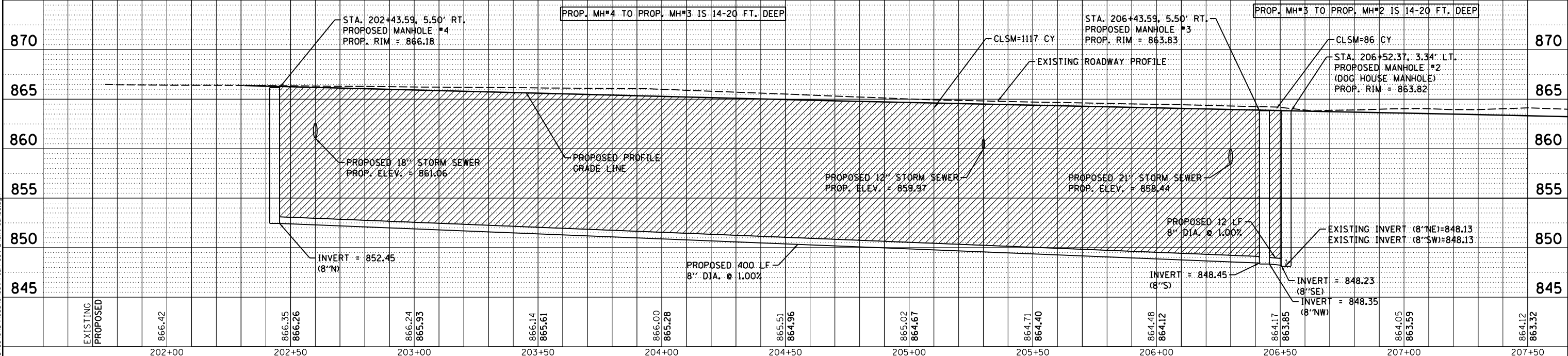
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		

LAYOUT	LU	3/05/2021
DRAWN	RLA	3/05/2021
REVIEWED	LJB	7/10/2024



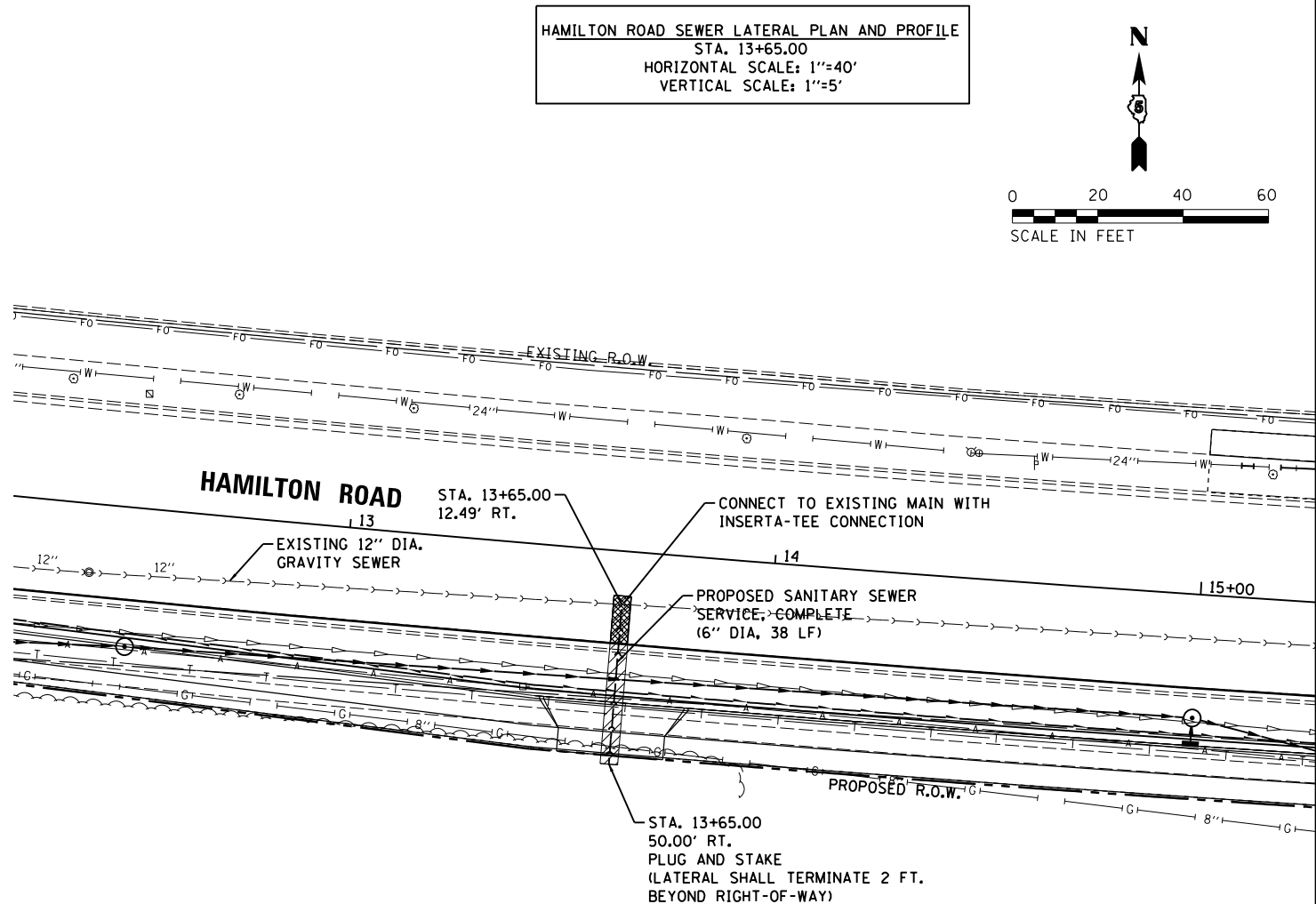
- NOTES**
- SANITARY SEWER PROFILE WAS CUT ALONG THE BUNN STREET'S CENTERLINE (ON PLAN VIEW IDENTIFIED AS Φ ALIGNMENT). THE LENGTH SHOWN ON THE PROFILE ARE NOT ACCURATE EXCEPT WHEN LABELED..
 - BACKFILL QUANTITY INCLUDES BACKFILL FOR LATERALS.
 - A MINIMUM OF 4 FT. DEPTH SHALL BE MAINTAINED ON 8" DIA. SANITARY SEWER MAIN.
 - LATERAL CONNECTIONS ARE NOT SHOWN IN PROFILE.
 - SANITARY SEWER LATERALS SHALL CROSS UNDER THE WATER MAIN AND CLEARANCES SHALL BE PER THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
 - SANITARY SEWER LATERALS SHALL BE CAPPED AT TERMINUS END AWAY FROM MAIN. MAINTAIN 8 FT. TO 9 FT. OF COVER FROM LATERAL CAP TO GRADE AT THE TERMINUS OF THE LATERAL.

BUNN STREET SEWER PLAN AND PROFILE
STA. 202+43.59 TO STA. 206+52.37
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=5'

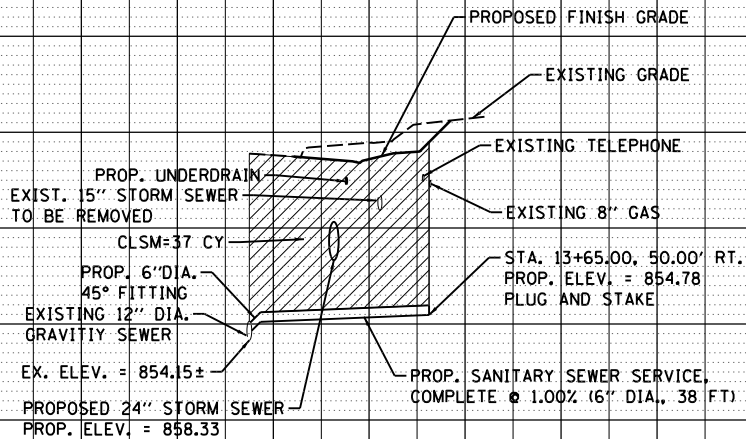


FILE NAME =	USER NAME = Ander00846	DESIGNED - LU	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUNN STREET SANITARY SEWER PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000 ' / in.		CHECKED - LJB	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO STA.			

LAYOUT	LU	3/05/2021
DRAWN	RLA	3/05/2021
REVIEWED	IJB	7/10/2024

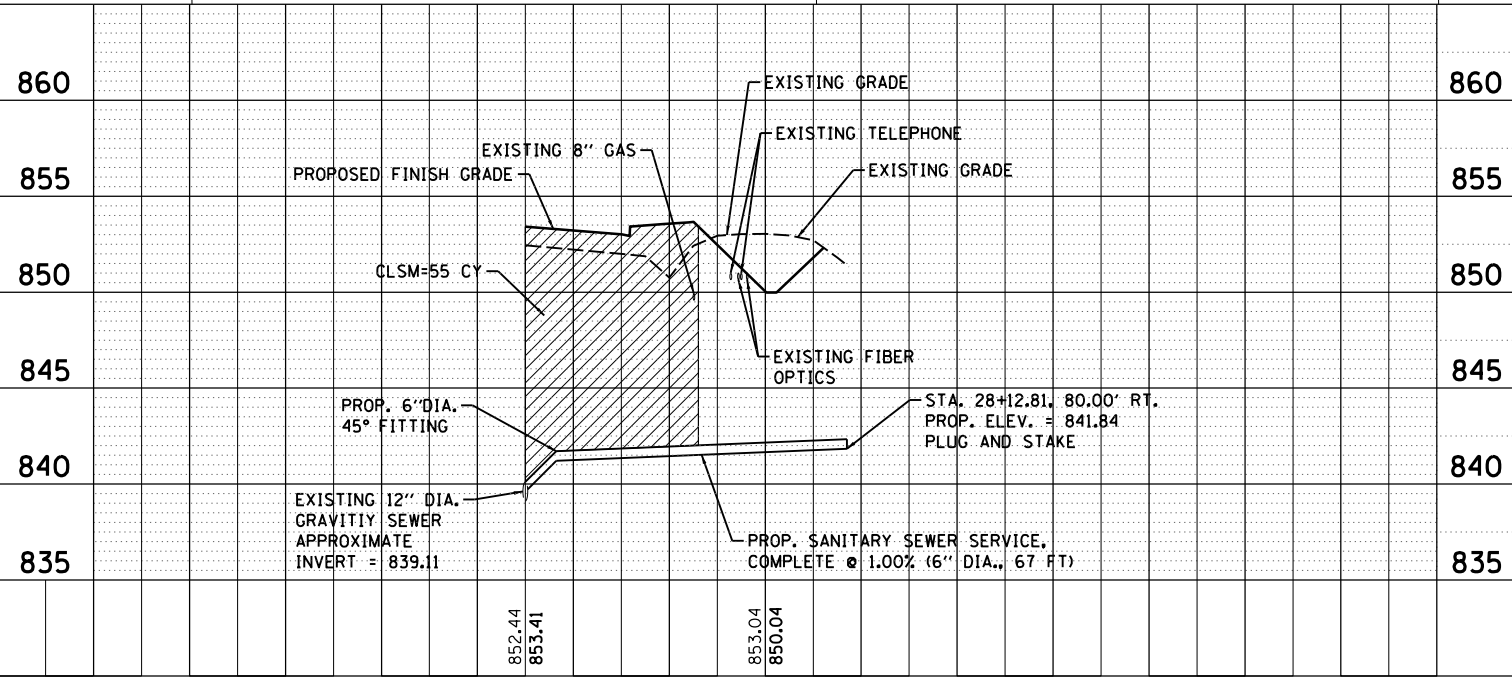
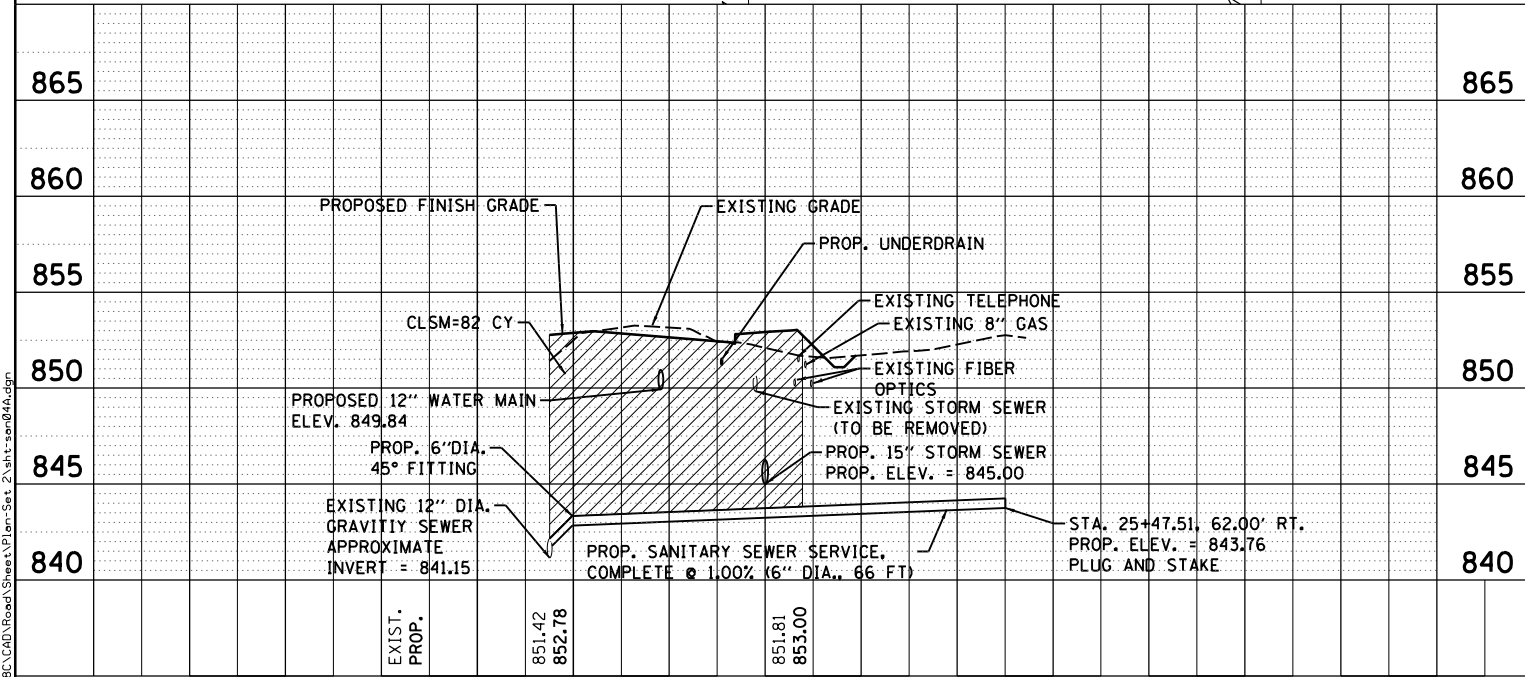


- ROBERT REWERTS



FILE NAME =	USER NAME = Ander00846	DESIGNED - LU	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD SANITARY SEWER PLAN				F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set\2\shht-san04.dgn	DRAWN - RLA	REVISED -	REVISED -						6371	24-00360-01-PV	MCLEAN	192	113
	PLOT SCALE = 40.0000' / in.	CHECKED - LJB	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/21/2024	DATE - 11/21/2024	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

LAYOUT	LU	3/05/2021
DRAWN	RLA	3/05/2021
REVIEWED	LJR	7/10/2025

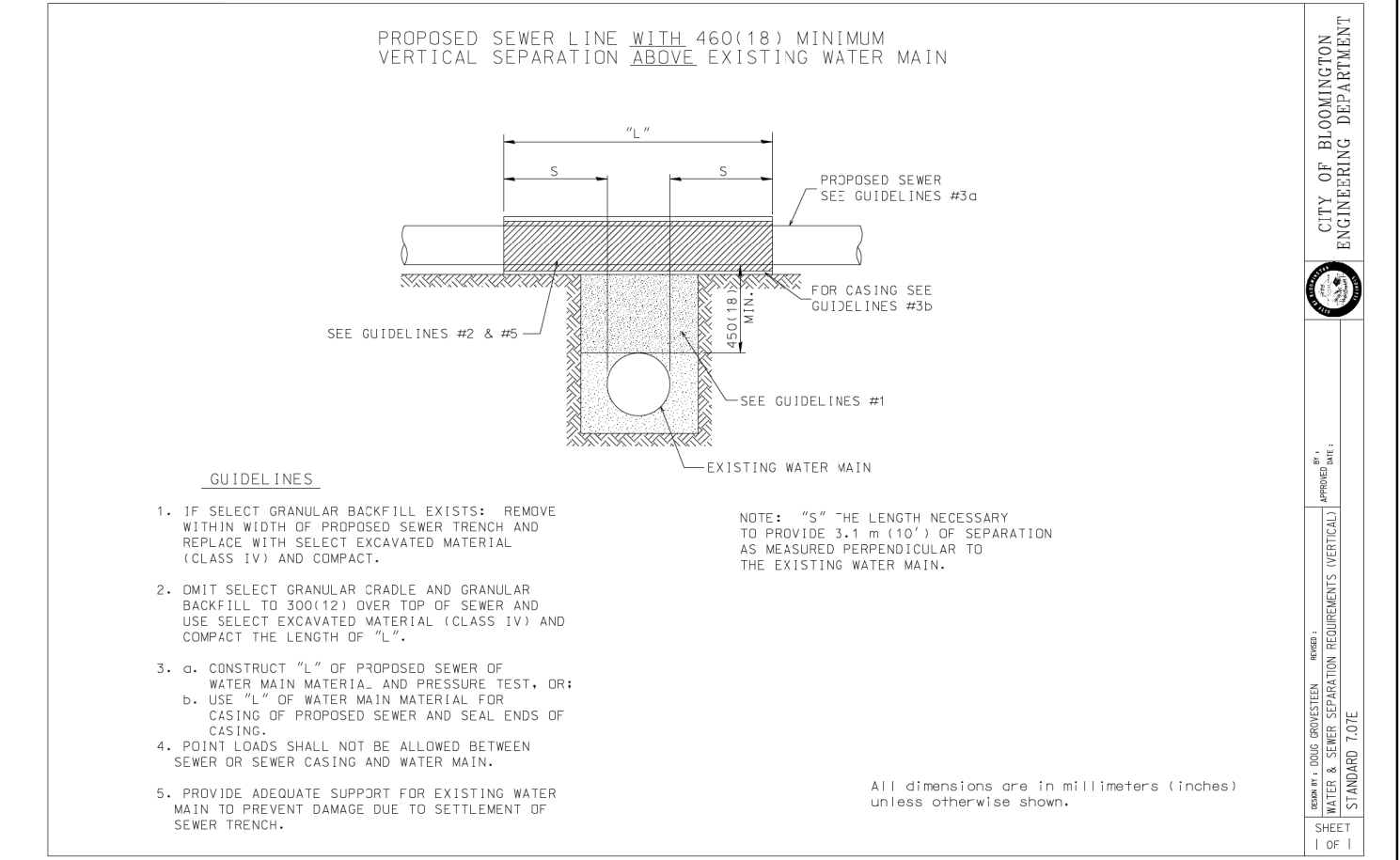
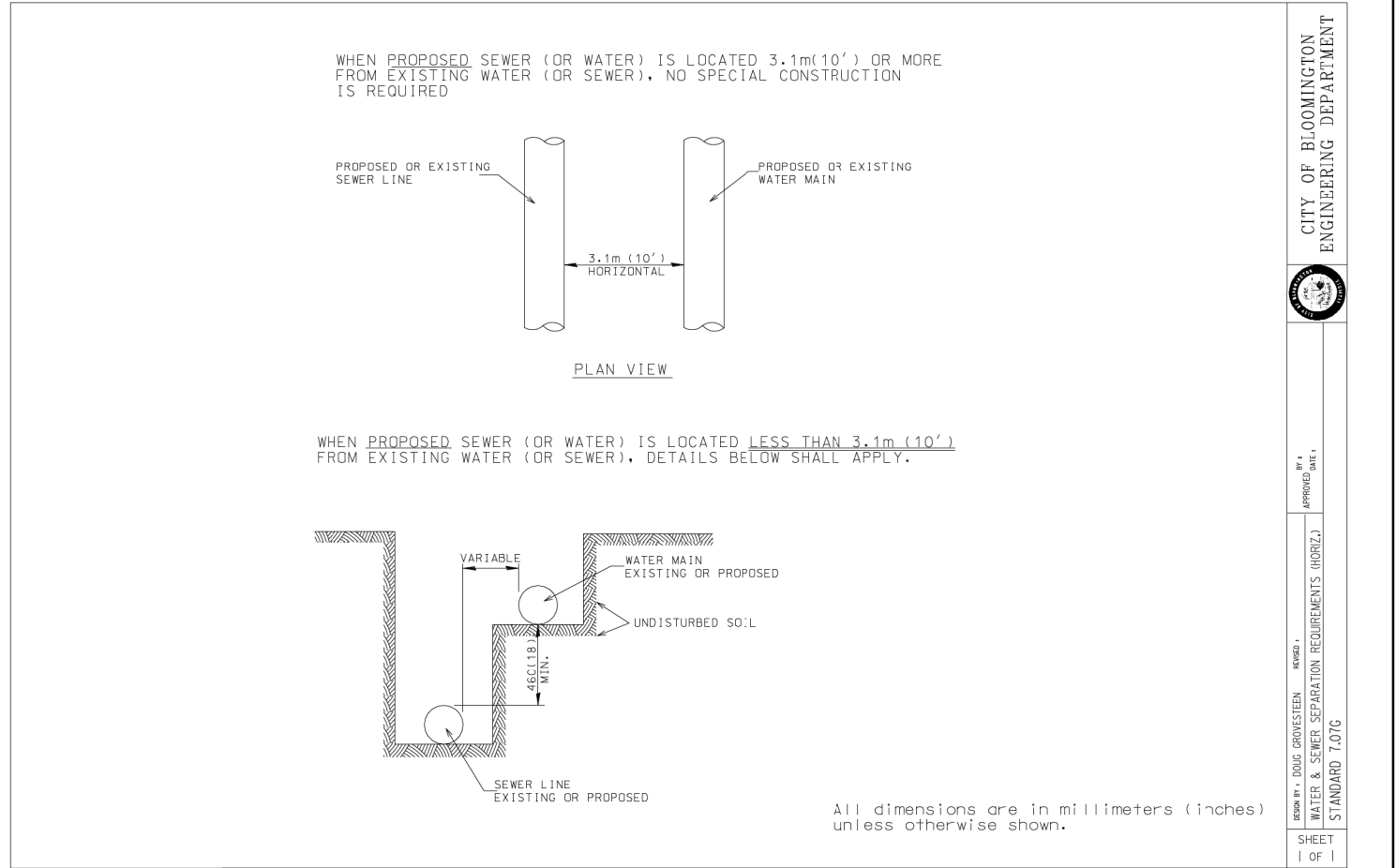
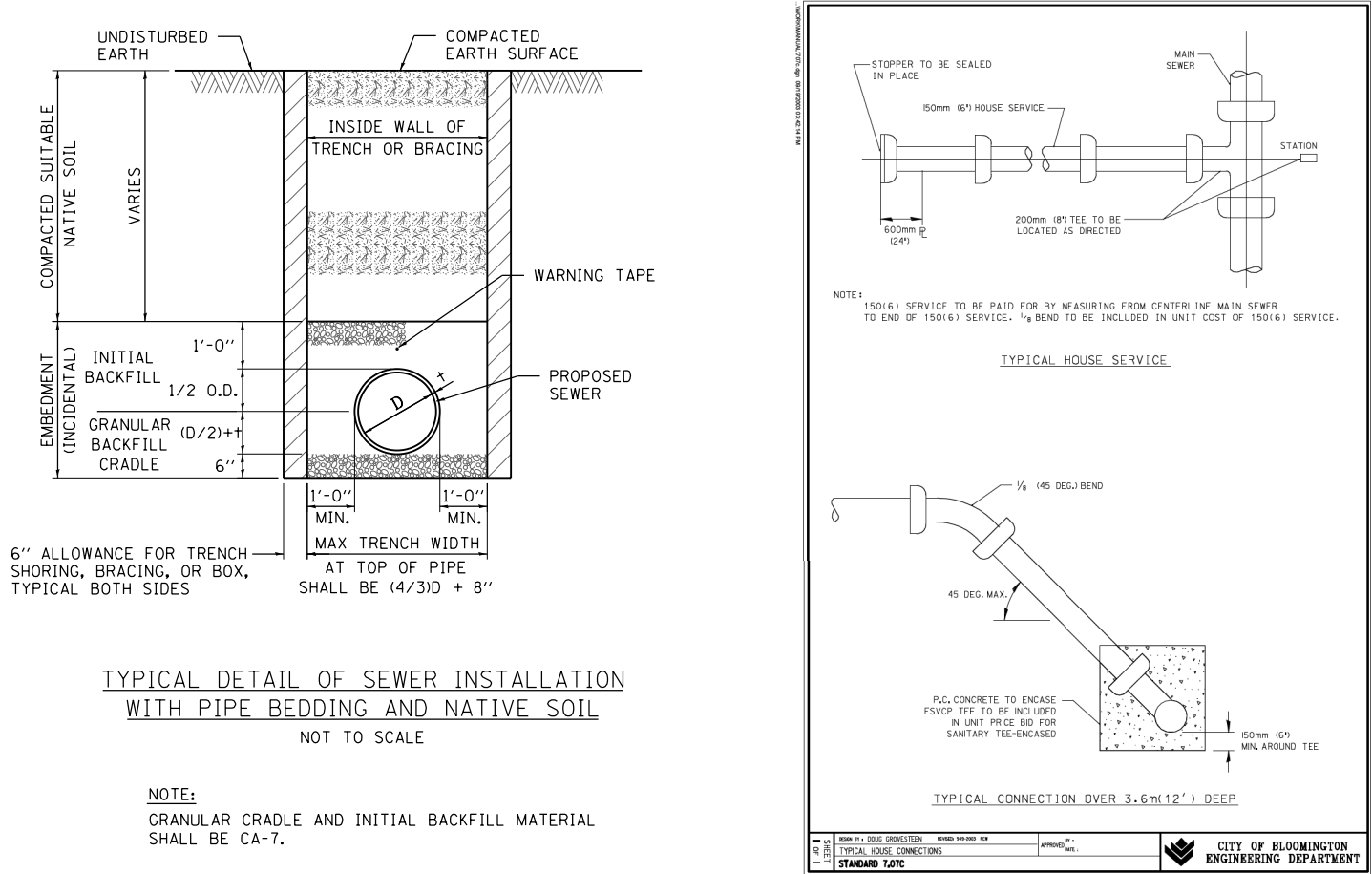
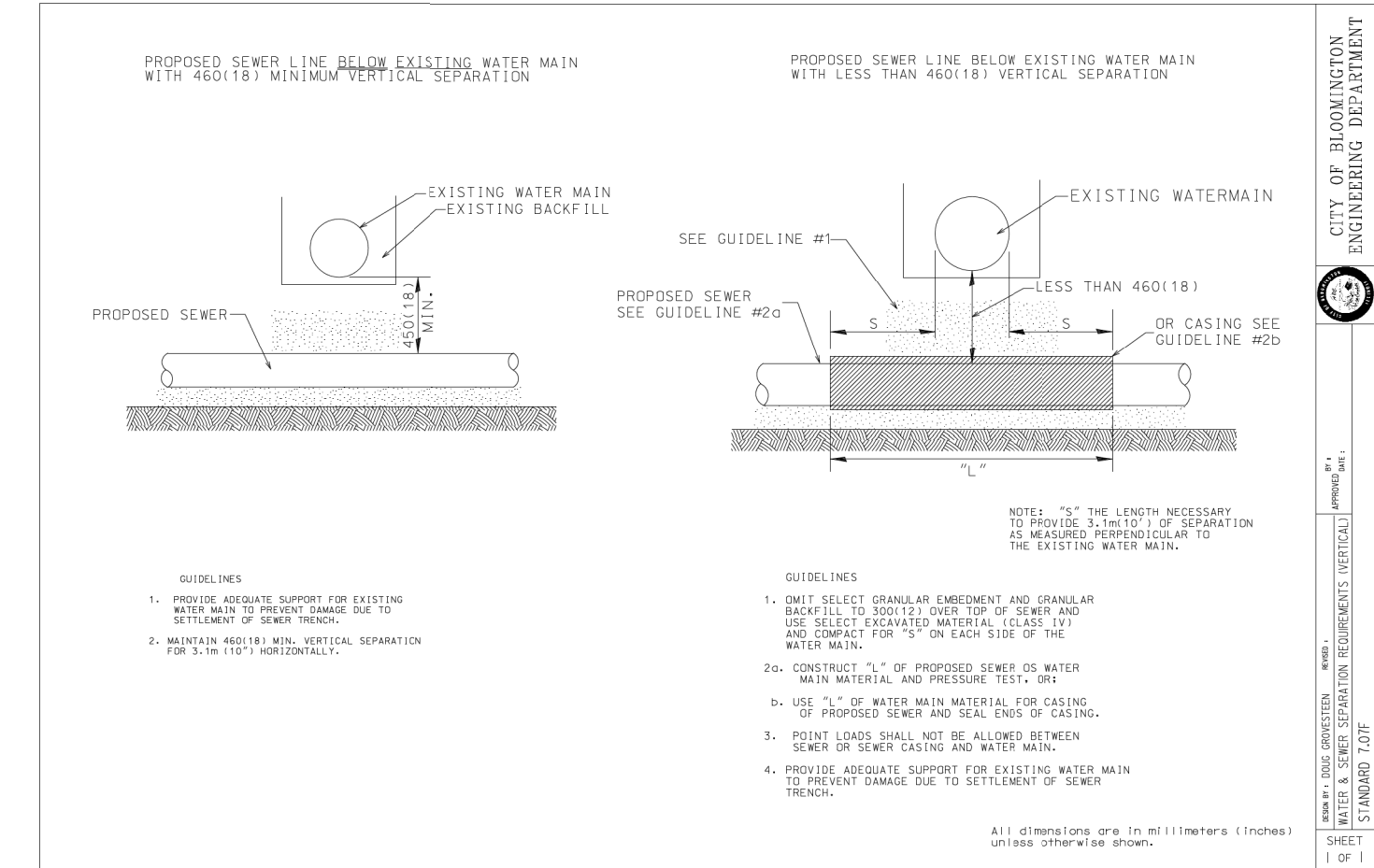


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	114
		CONTRACT NO.91653		
ILLINOIS		FED. AID PROJECT		

LAYOUT	LU	3/05/2021
DRAWN	RLA	3/05/2021
REVIEWED	LJB	7/10/2024

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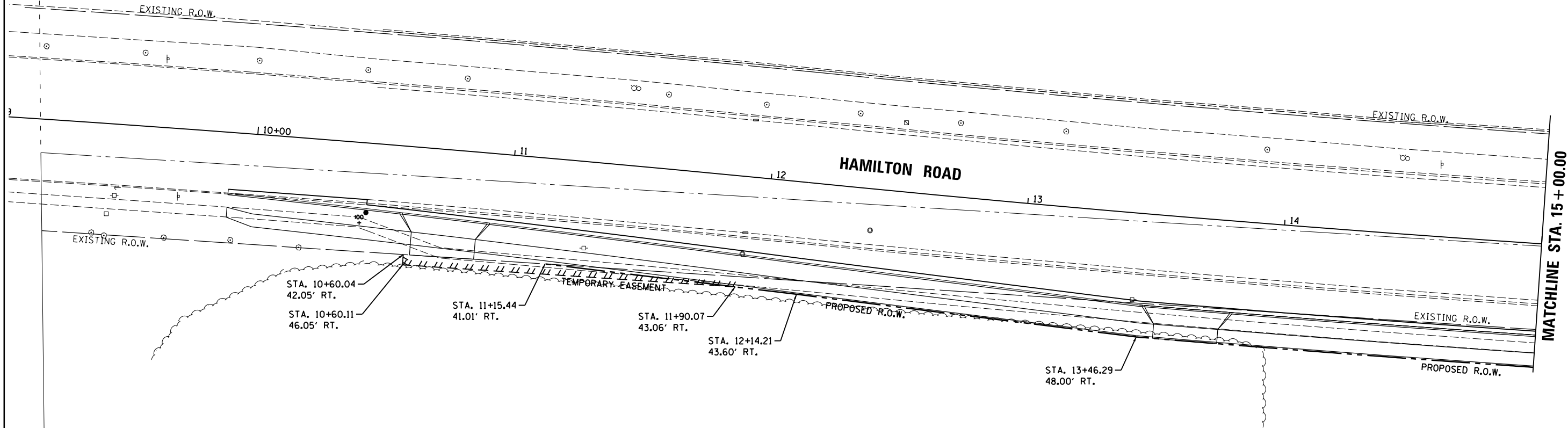
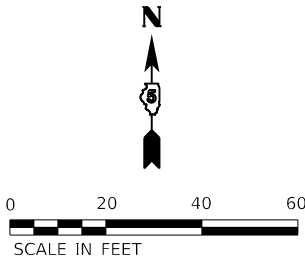


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
SANITARY SEWER TRENCH BACKFILL DETAIL

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	116
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

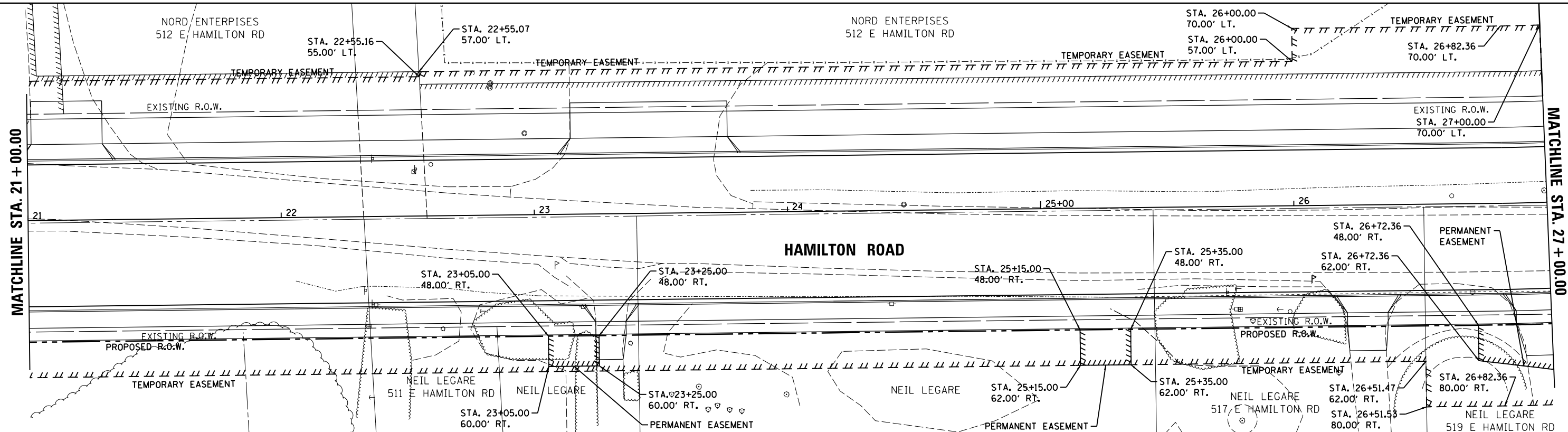
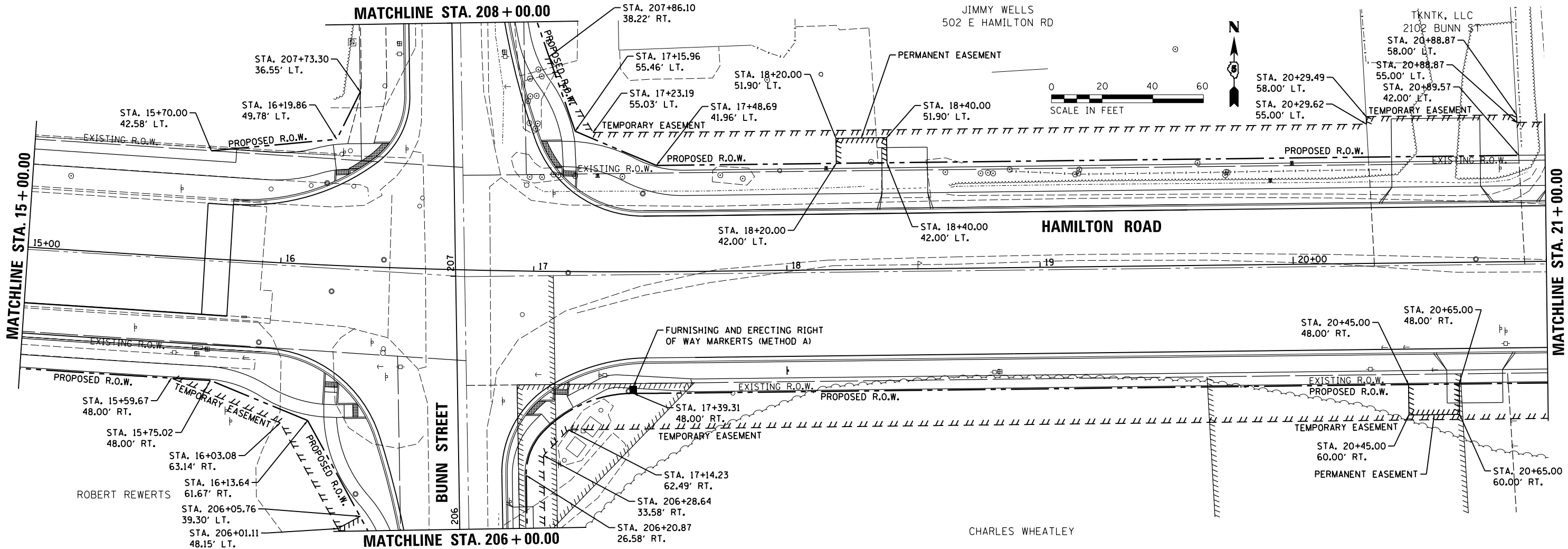
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		CHECKED - MGD	REVISED -
Default		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
RIGHT OF WAY PLANS

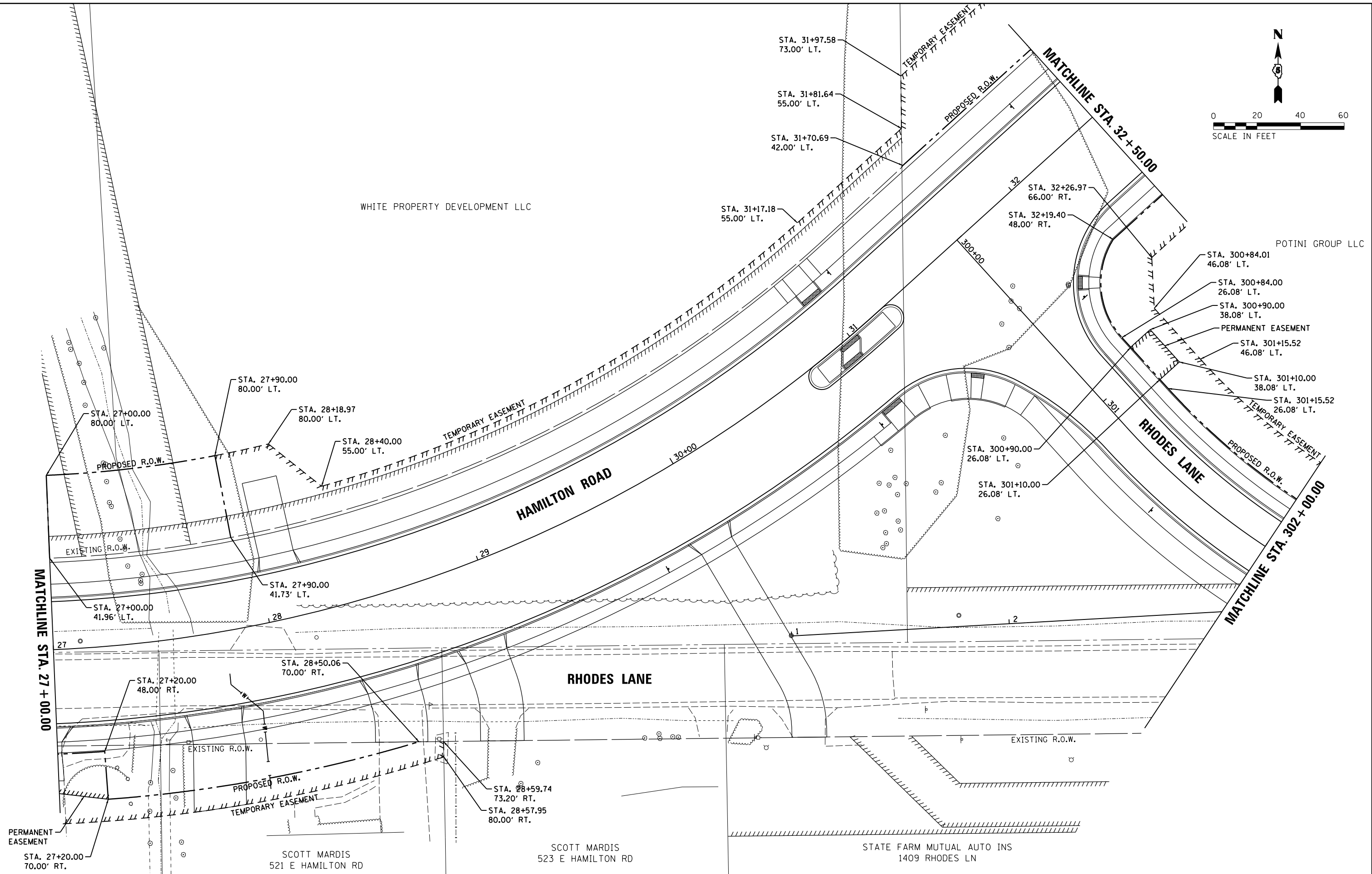
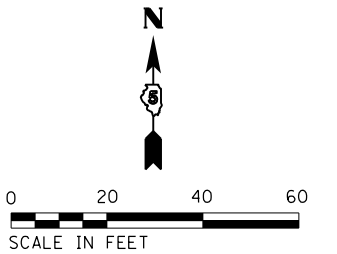
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	117
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

FILE NAME =	USER NAME = Becks01673	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD RIGHT OF WAY PLANS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/24/2025		DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
Default				SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO STA.				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

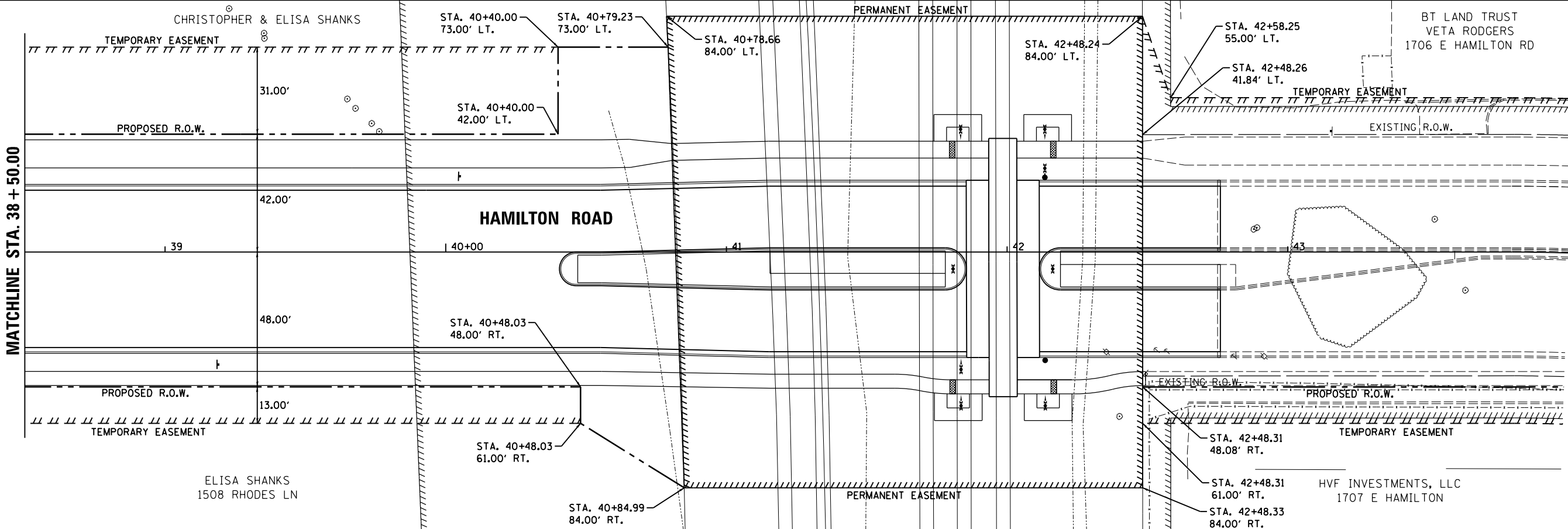
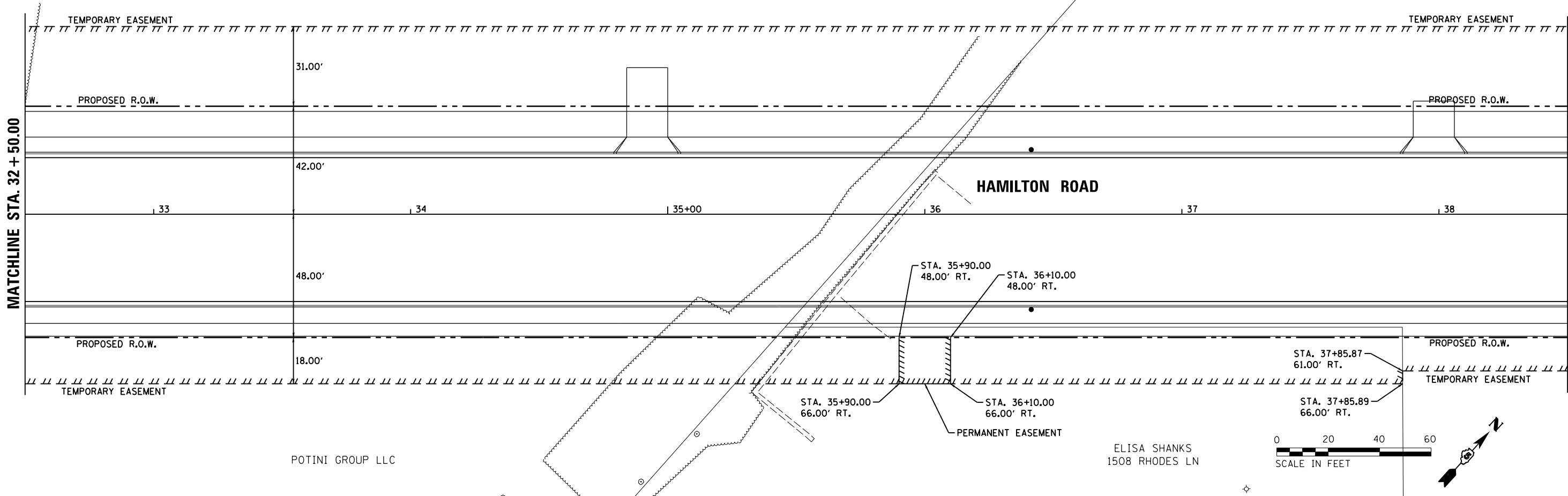
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PLOT SCALE = 40.0000' / in.		CHECKED -	MGD	REVISED -	
PLOT DATE = 11/20/2024		DATE -	11/21/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
RIGHT OF WAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	119
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

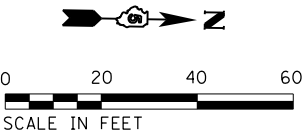
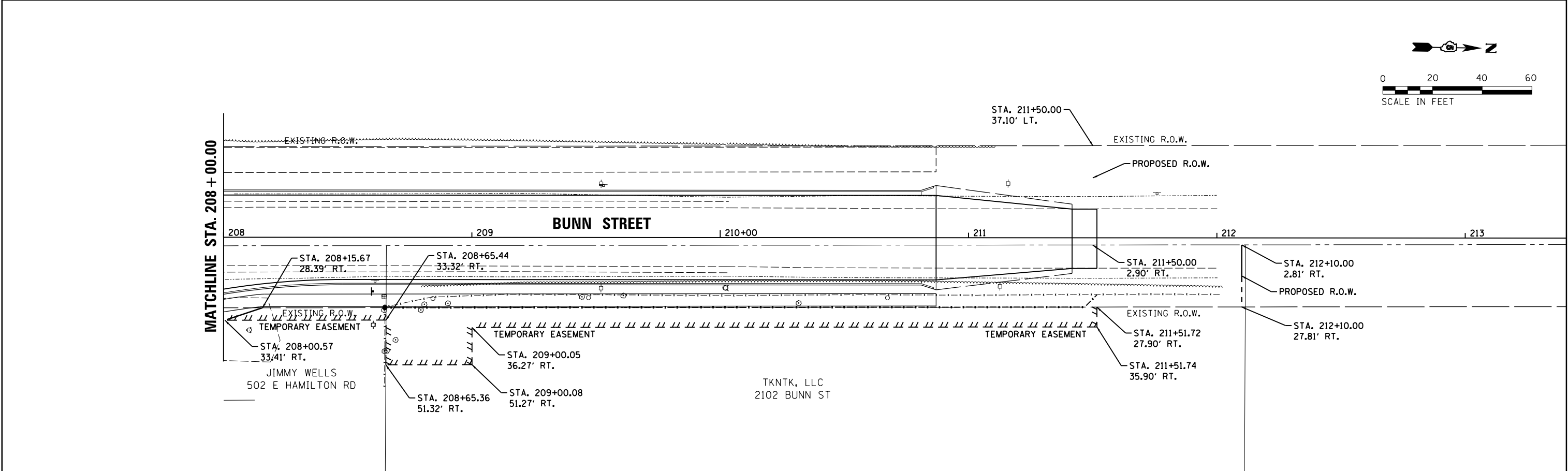
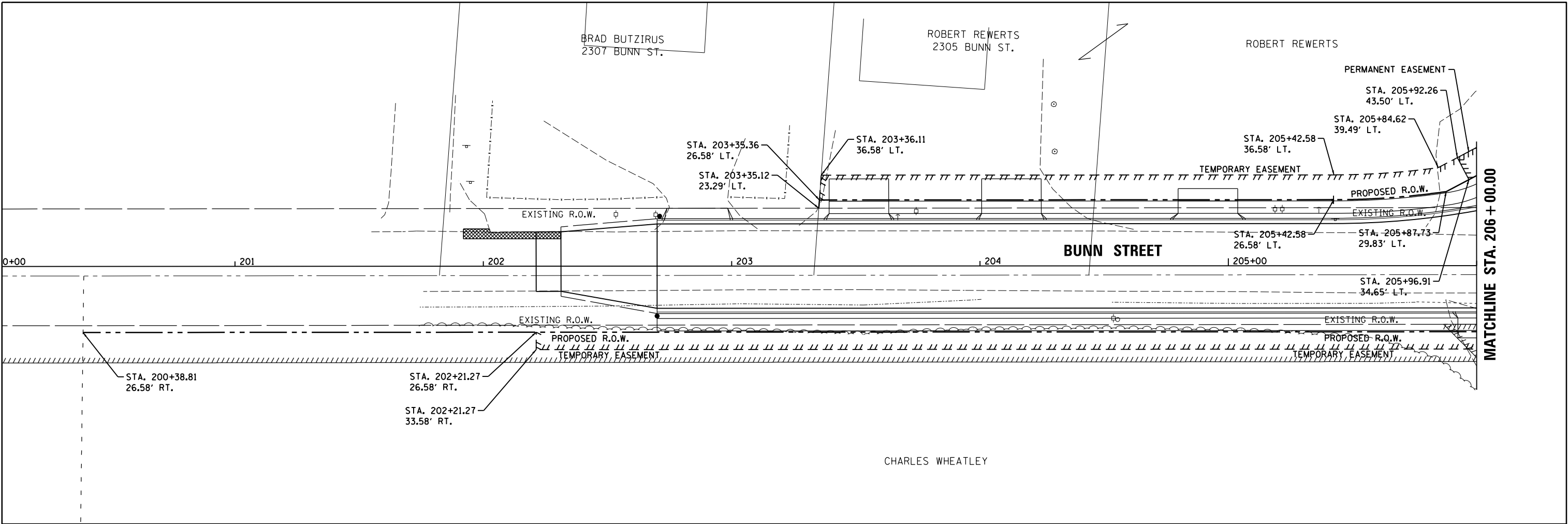
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Default		CHECKED - MGD	REVISED -
		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
RIGHT OF WAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	120
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



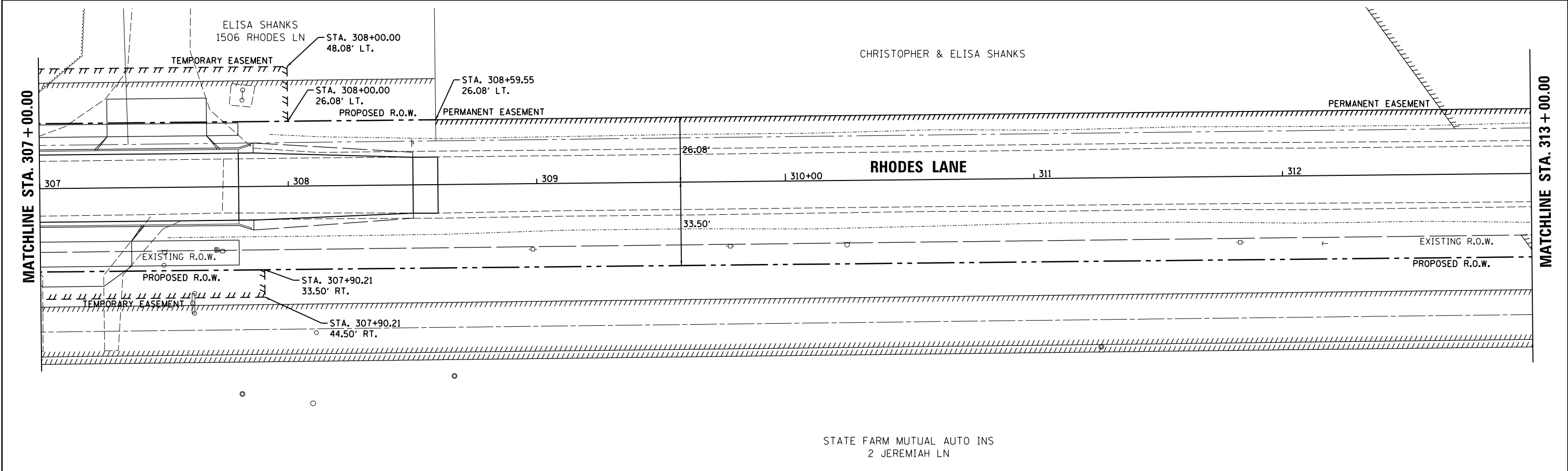
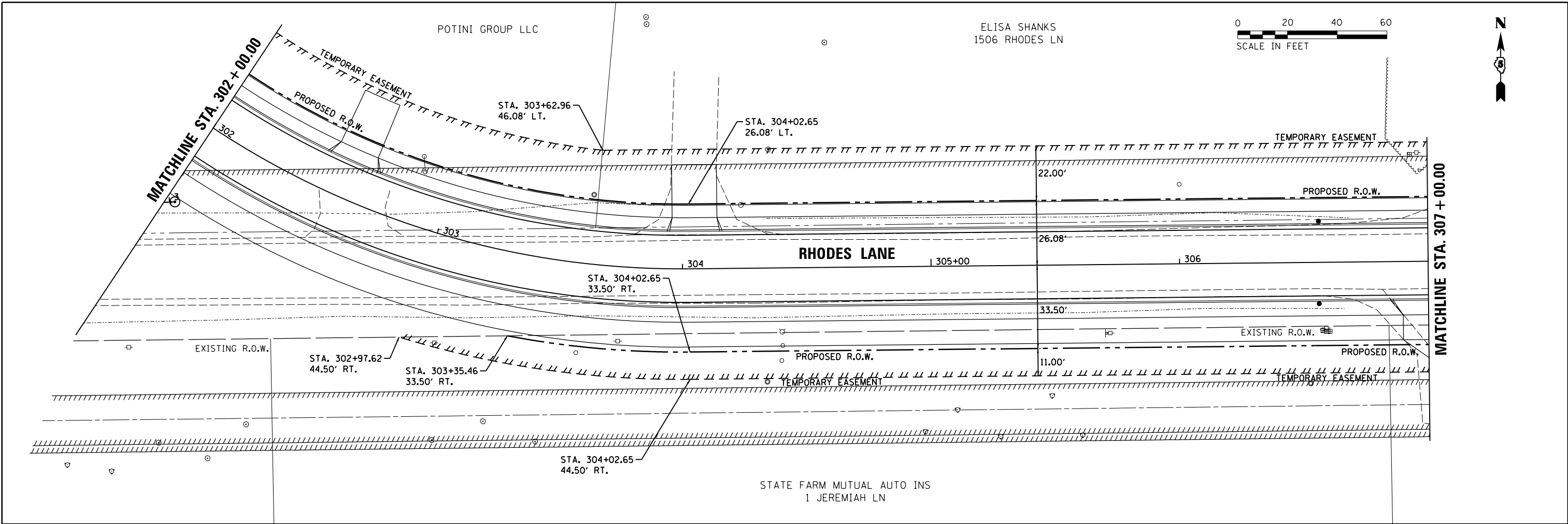
LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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PLOT SCALE = 40.0000' / in.		CHECKED - MGD	REVISED -
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUNN STREET RIGHT OF WAY PLANS			
SCALE: 1"=20'	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	121
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

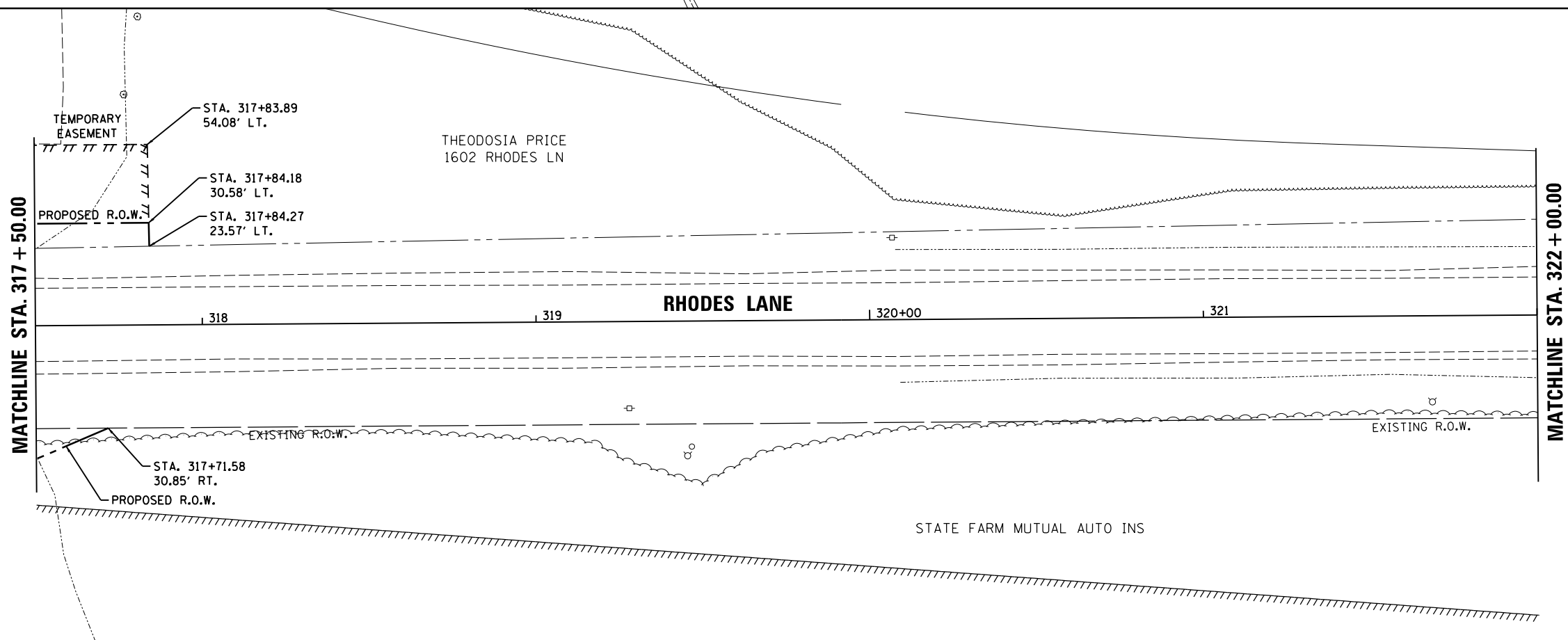
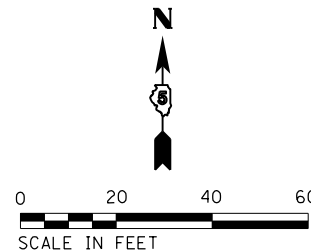
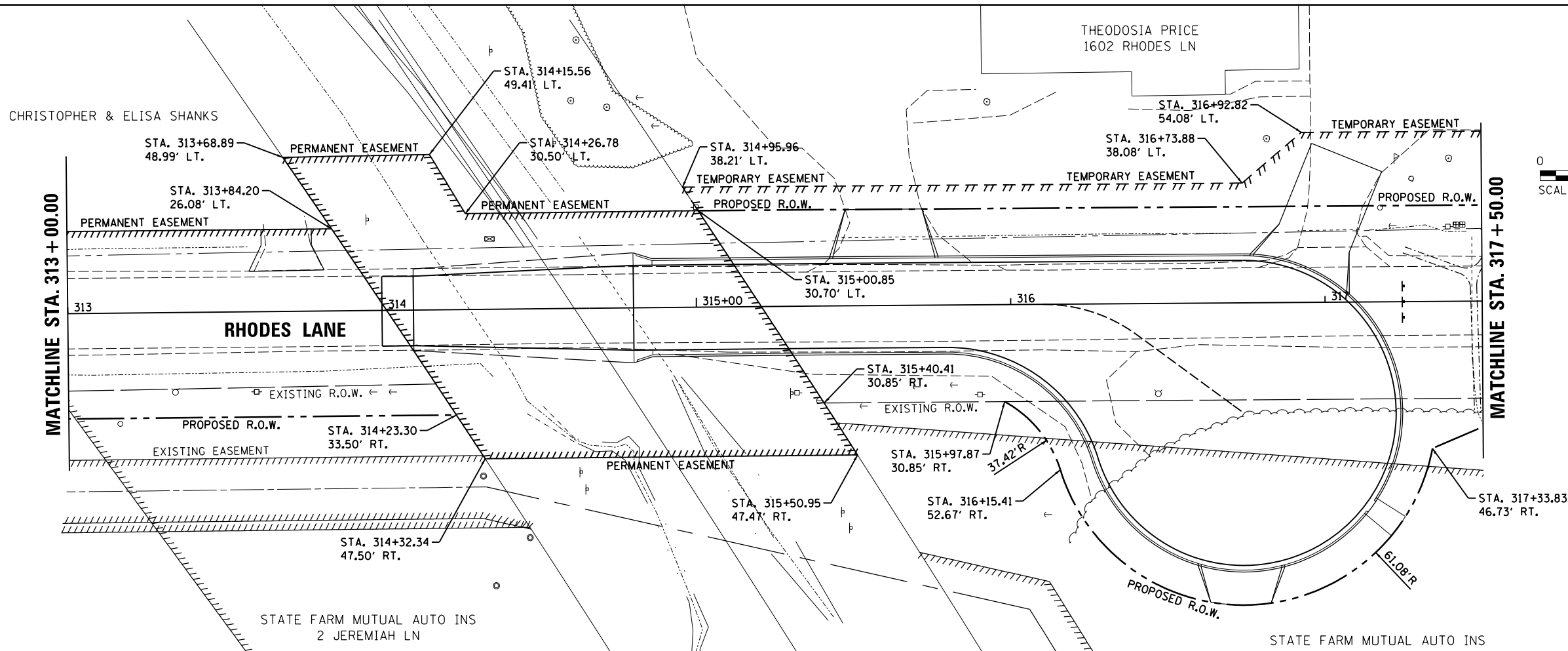
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Default		CHECKED - MGD	REVISED -
		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RHODES LANE
RIGHT OF WAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	122
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

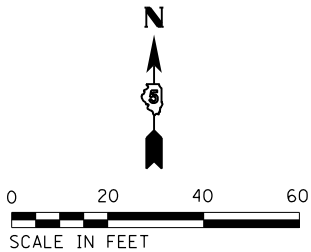
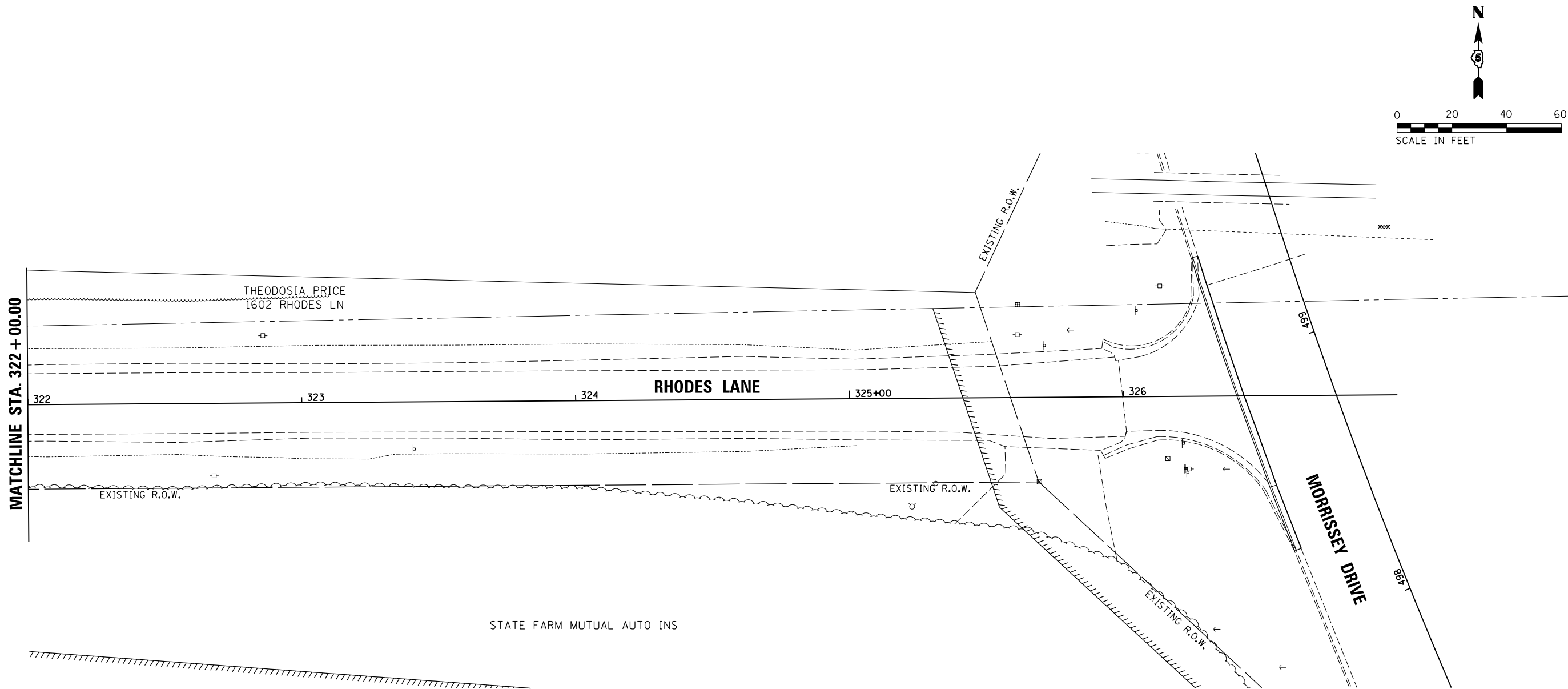
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PLOT SCALE = 40.0000' / in.		CHECKED - MGD	REVISED -
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RHODES LANE
RIGHT OF WAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	123
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

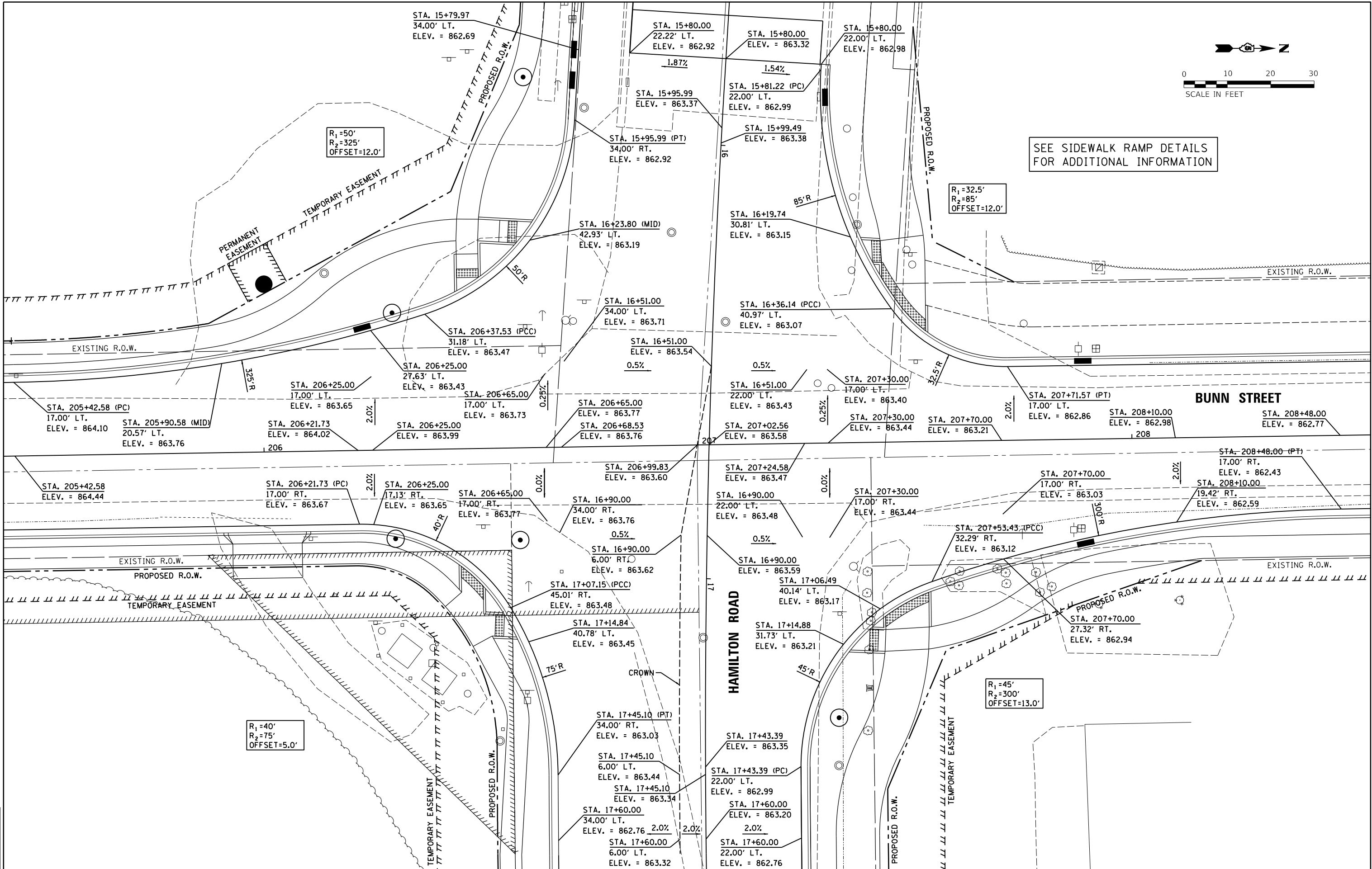
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		CHECKED - MGD	REVISED -
		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RHODES LANE
RIGHT OF WAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	124
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

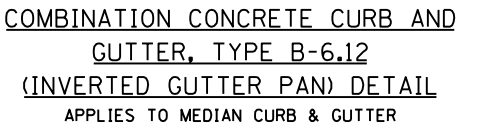
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PLOT SCALE = 20.0000' / in.		CHECKED - MGD	REVISED -
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD /BUNN STREET
INTERSECTION DETAIL

SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	125
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



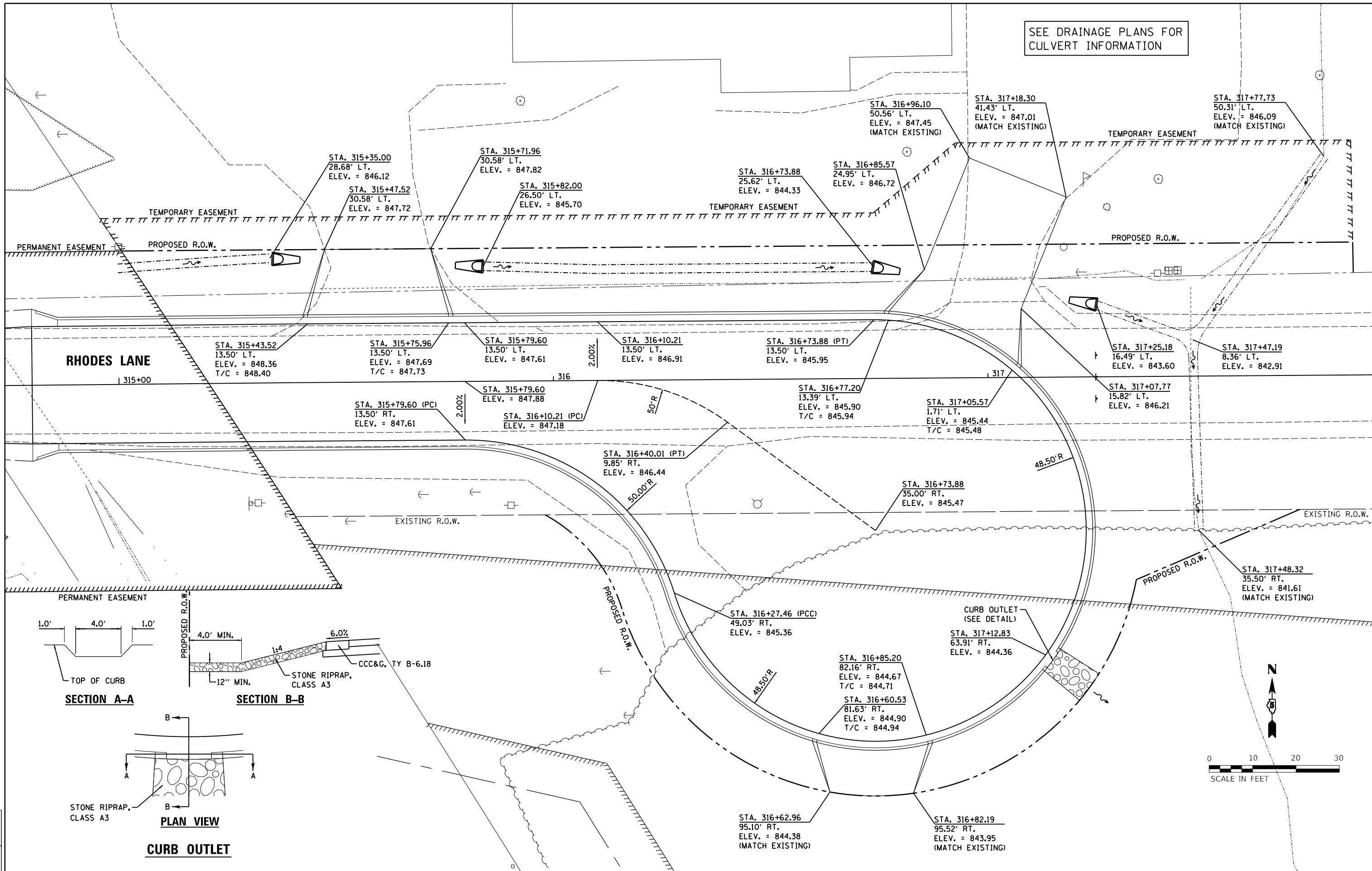
LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -

HAMILTON ROAD /RHODES LANE INTERSECTION DETAIL

SCALE: 1"=10'	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	126
		CONTRACT NO.91653		
ILLINOIS		FED. AID PROJECT		



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

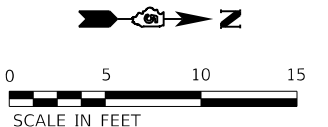
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PLOT DATE = 11/20/2024		DATE -	11/21/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RHODES LANE
INTERSECTION DETAIL

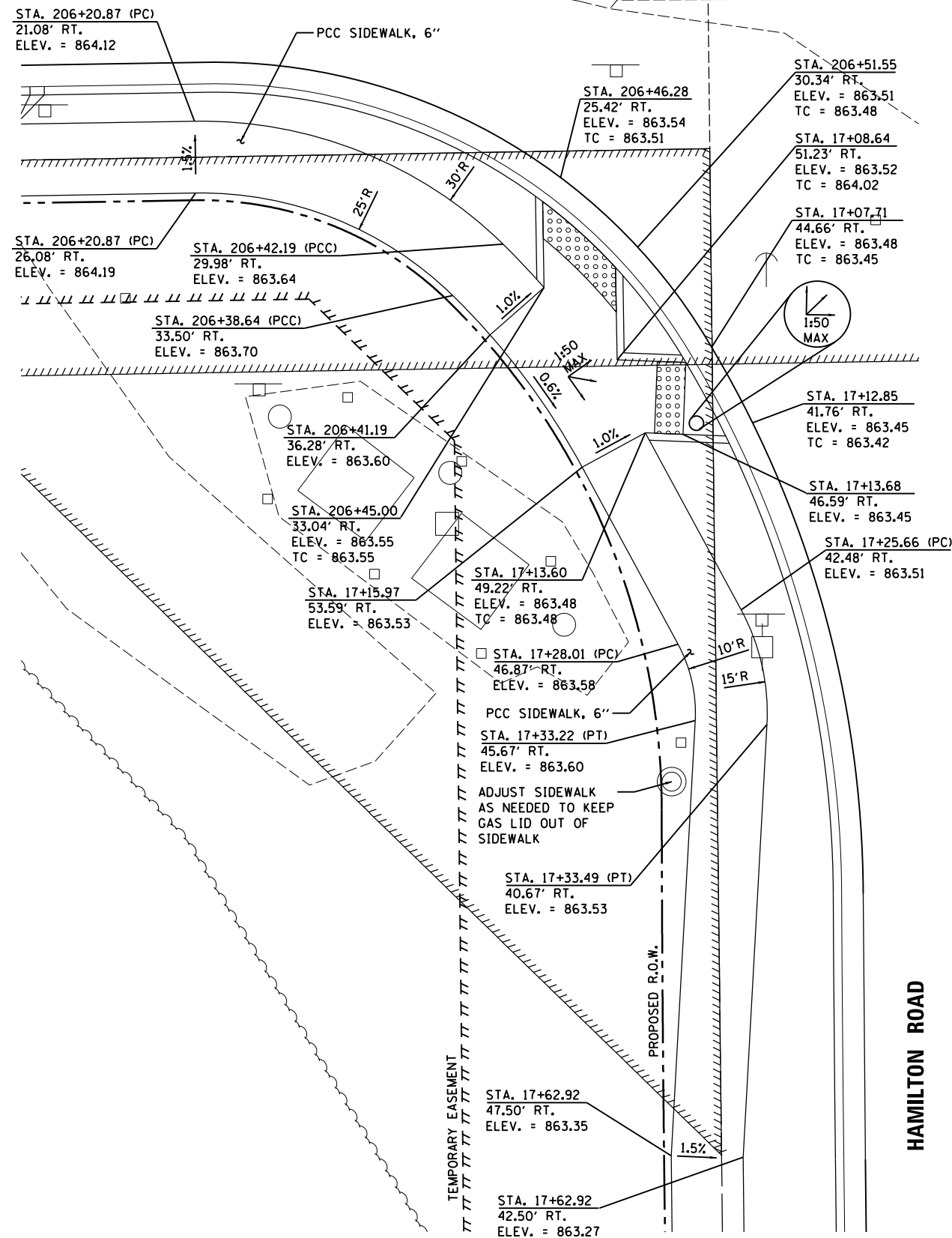
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	127
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



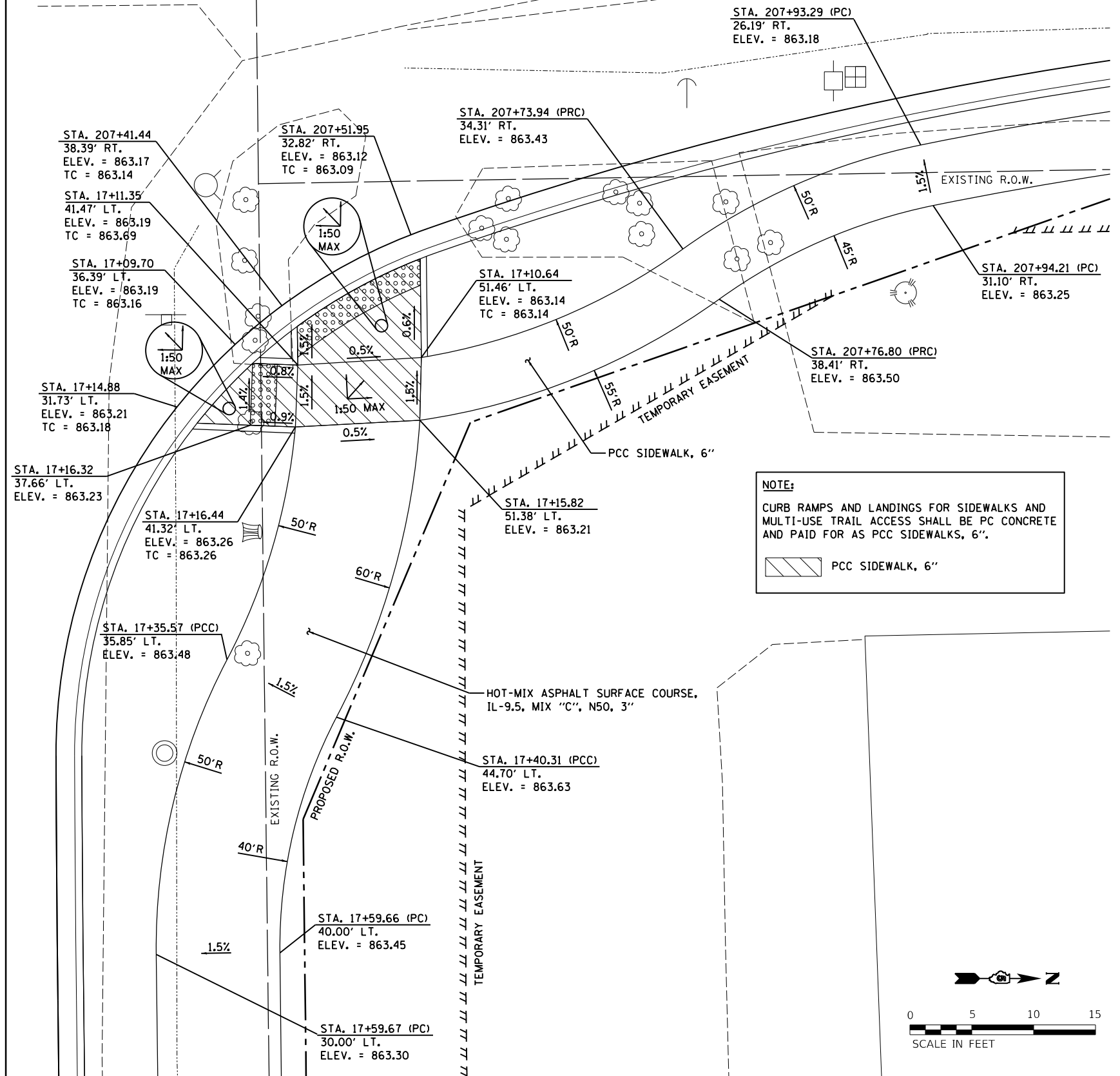
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I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-ramp01.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	128					
PLOT SCALE = 10.0000' / 1in.		CHECKED - MGD	REVISED -		CONTRACT NO.91653									
Default		DATE - 11/20/2024	REVISED -		SCALE: 1"=5'	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

BUNN STREET



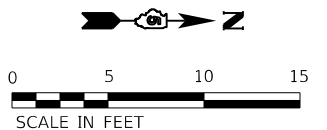
HAMILTON ROAD

BUNN STREET



NOTE:
CURB RAMP AND LANDINGS FOR SIDEWALKS AND
MULTI-USE TRAIL ACCESS SHALL BE PC CONCRETE
AND PAID FOR AS PCC SIDEWALKS, 6".

PCC SIDEWALK, 6"



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

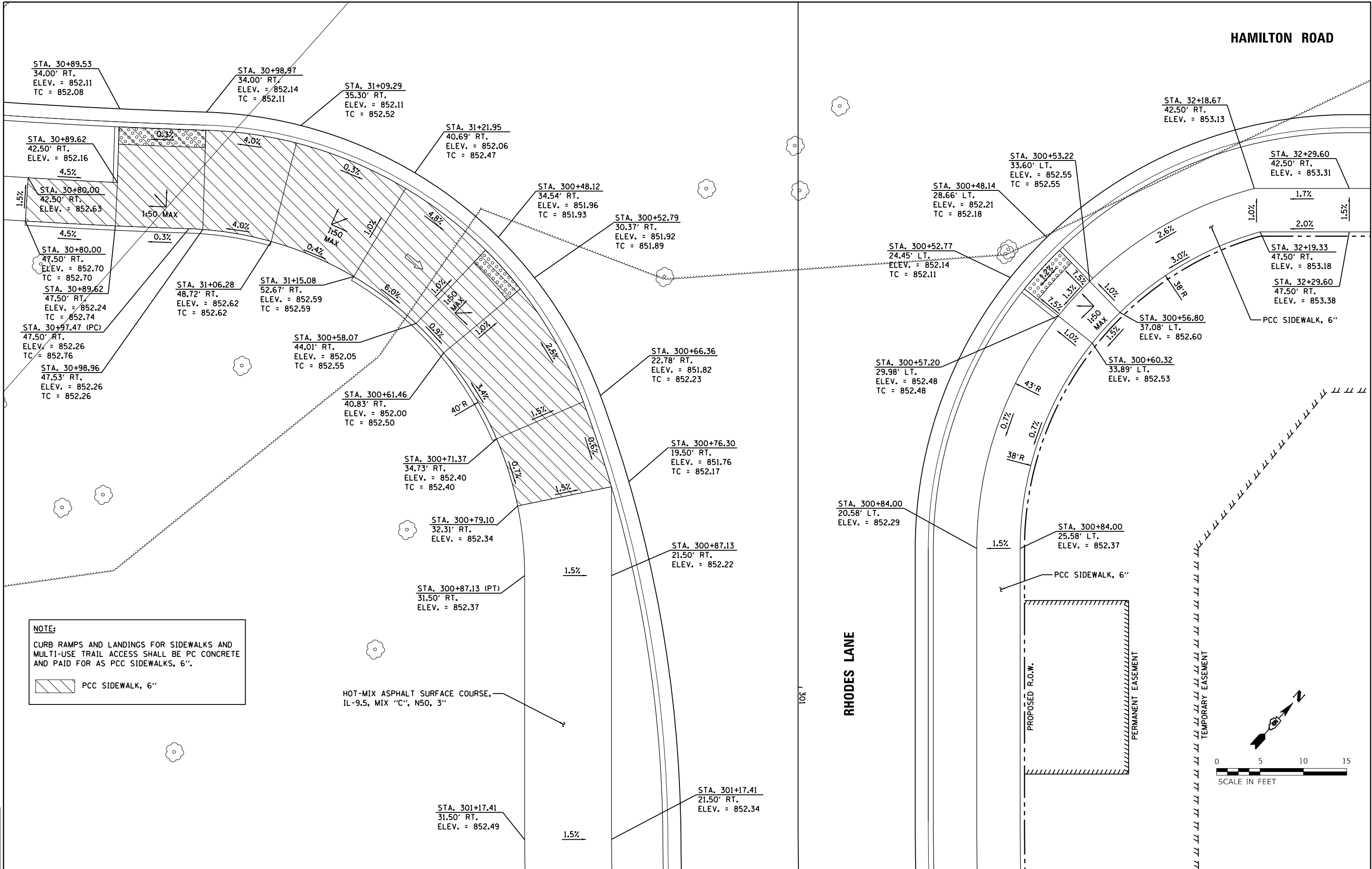
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PLOT SCALE = 10.0000' / in.		CHECKED - MGD	REVISED -
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAMILTON ROAD /BUNN STREET
SIDEWALK RAMP DETAIL**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	129
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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PLOT SCALE = 10.0000 ' / in.		CHECKED - MGD	REVISED -
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

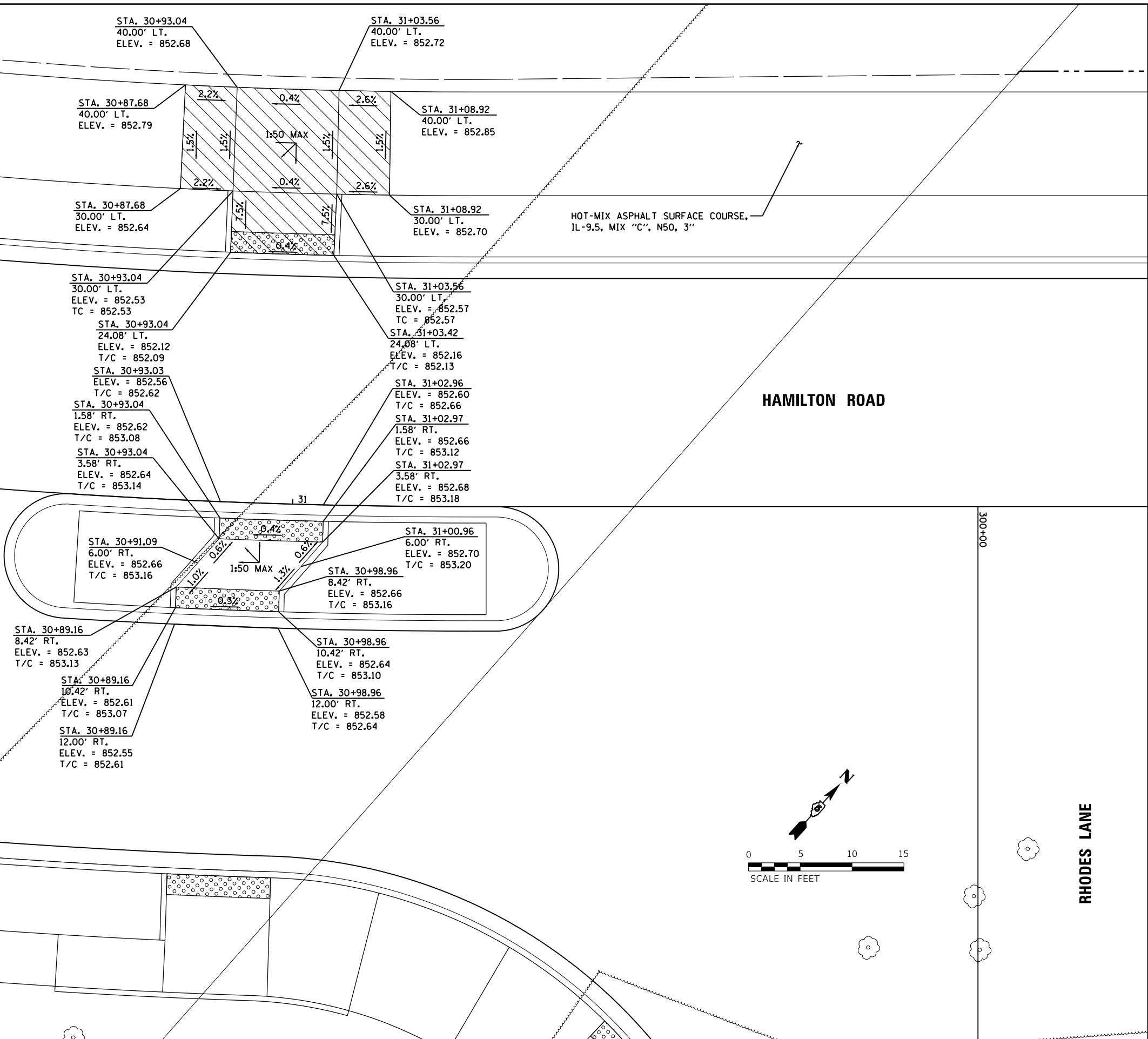
HAMILTON ROAD /RHODES LANE
SIDEWALK RAMP DETAIL

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	130
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

NOTE:
CURB RAMPS AND LANDINGS FOR SIDEWALKS AND
MULTI-USE TRAIL ACCESS SHALL BE PC CONCRETE
AND PAID FOR AS PCC SIDEWALKS, 6".

 PCC SIDEWALK, 6"



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

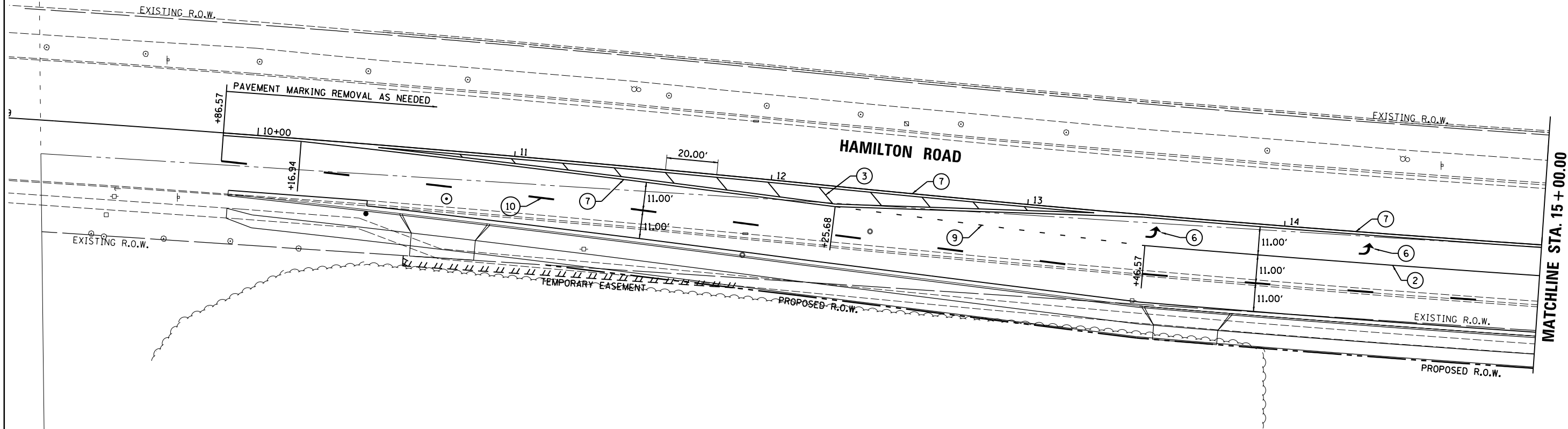
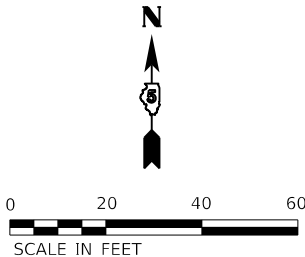
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PLOT SCALE = 10.0000 ' / in.		CHECKED - MGD	REVISED -
Default		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD /RHODES LANE
SIDEWALK RAMP DETAIL

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	131
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



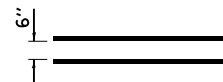
MATCHLINE STA. 15 + 00.00

LEGEND

- ① WHITE-THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑤ YELLOW-THERMOPLASTIC MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑧ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑨ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑪ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑫ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" SOLID, 24" GAP

NOTES:

1. REMOVAL OF EXISTING SIGNS AND POSTS SHALL BE COMPLETED BY THE CITY. THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO WORKING DAYS NOTICE PRIOR TO THE DESIRED REMOVAL DATE.
2. PAVEMENT MARKING REMOVAL - WATER BLASTING SHALL BE USED TO REMOVE EXISTING PAVEMENT MARKINGS ON ANY FINAL SURFACES.
3. PAVEMENT MARKING REMOVAL - GRINDING SHALL BE USED TO REMOVE EXISTING PAVEMENT MARKINGS, EXCEPT ON FINAL SURFACES. CONTRACTOR MAY USE WATER BLASTING AT NO ADDITIONAL EXPENSE.
4. EXISTING SIGNS TO REMAIN UNLESS NOTED OTHERWISE OR AS DIRECTED BY THE ENGINEER.
5. SIGNAGE AND PAVEMENT MARKINGS MAY BE ADJUSTED DEPENDING ON THE TIMING OF THE EAST SECTION CONTRACT. CONTRACTOR SHALL COORDINATE WORK WITH THE EAST SECTION CONTRACTOR.



DOUBLE YELLOW DETAIL

ALL LOCATIONS EXCEPT U.S. 150 (MORRISSEY DRIVE) WHICH THE DISTRICT 5 DETAIL NO. 7800AAAA SHALL APPLY.

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan\Set 2\sh1-pv\mark01.dgn		DRAWN - RLA	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - MGD	REVISED -
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAMILTON ROAD
PAVEMENT MARKING AND SIGNAGE PLANS**

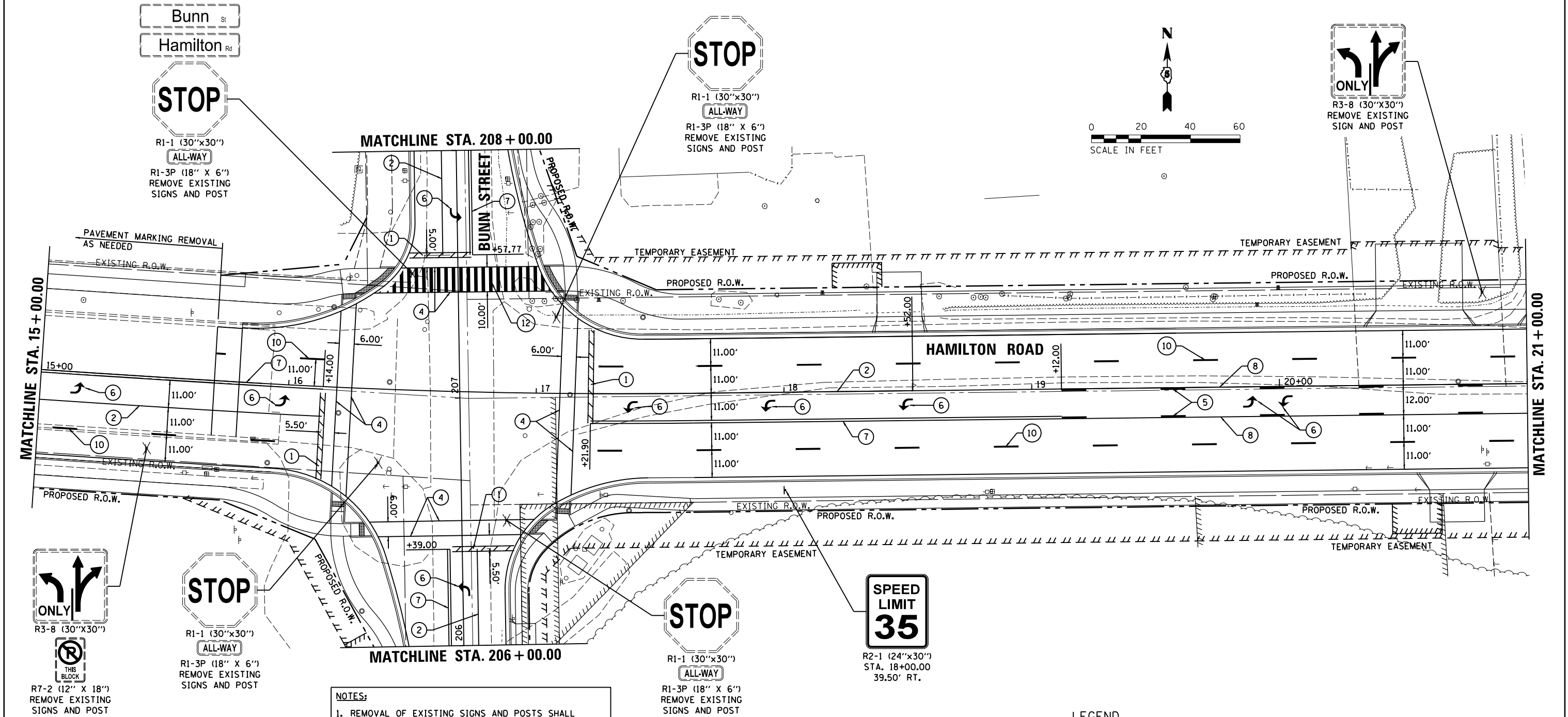
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	132
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

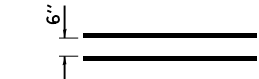
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LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



- NOTES:**
1. REMOVAL OF EXISTING SIGNS AND POSTS SHALL BE COMPLETED BY THE CITY. THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO WORKING DAYS NOTICE PRIOR TO THE DESIRED REMOVAL DATE.
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DOUBLE YELLOW DETAIL

ALL LOCATIONS EXCEPT U.S. 150 (MORRISSEY DRIVE) WHICH THE DISTRICT 5 DETAIL NO. 7800AAAA SHALL APPLY.

LEGEND

- ① WHITE-THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑥ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
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- ⑫ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" SOLID, 24" GAP

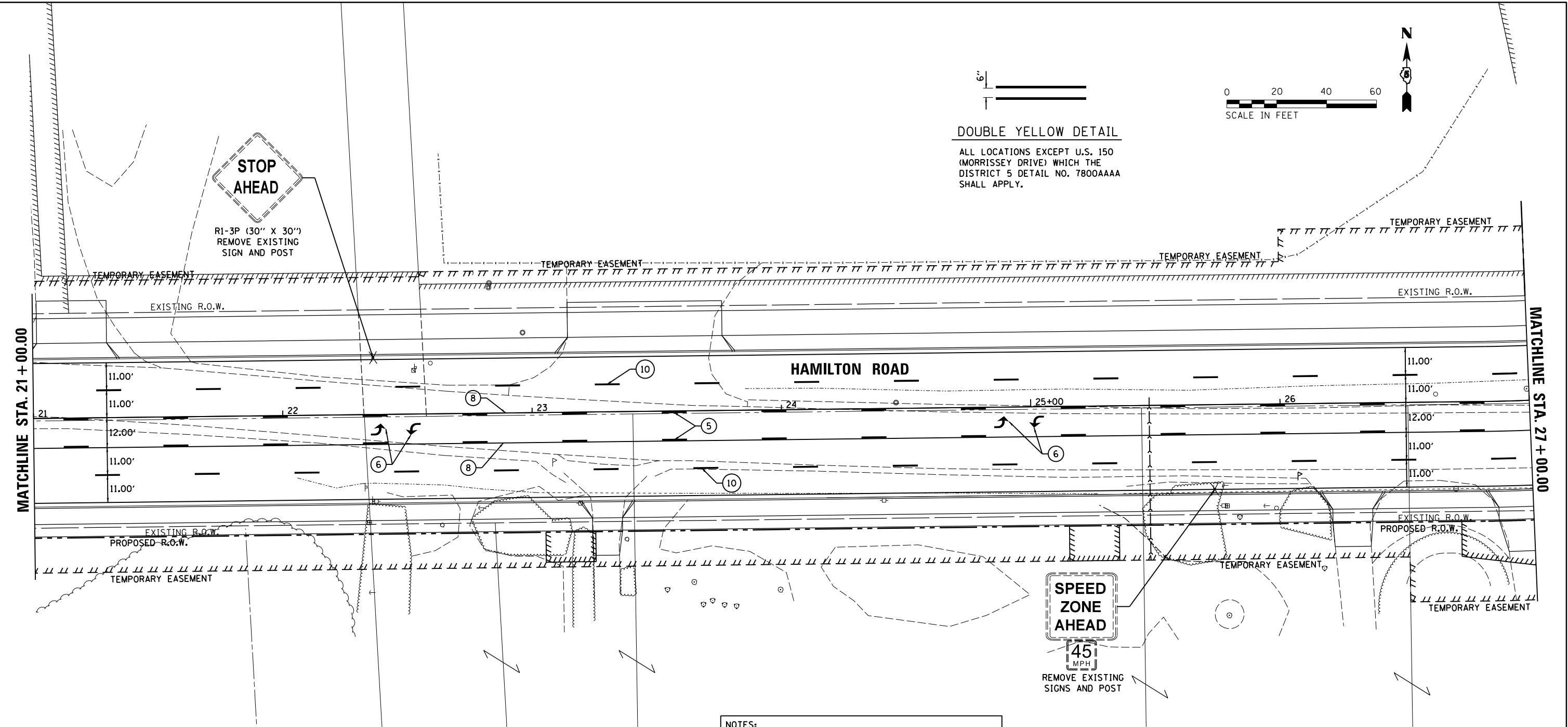
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PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAMILTON ROAD
PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

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LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
PAVEMENT MARKING AND SIGNAGE PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

LEGEND

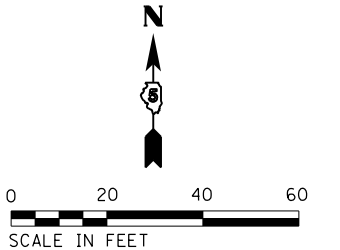
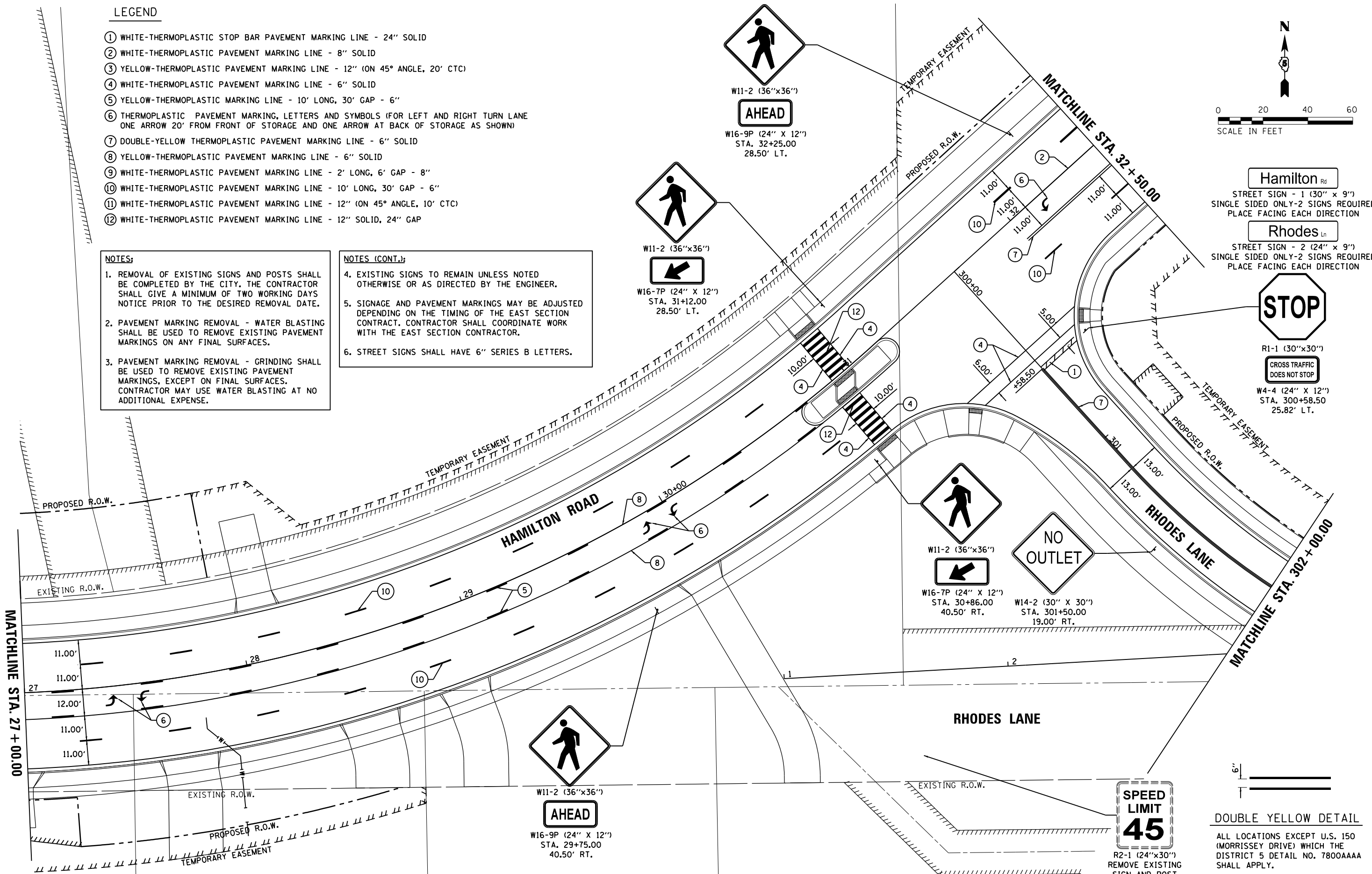
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NOTES (CONT.):

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6. STREET SIGNS SHALL HAVE 6" SERIES B LETTERS.



Hamilton Rd
STREET SIGN - 1 (30" x 9")
SINGLE SIDED ONLY-2 SIGNS REQUIRED
PLACE FACING EACH DIRECTION

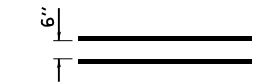
Rhodes Ln
STREET SIGN - 2 (24" x 9")
SINGLE SIDED ONLY-2 SIGNS REQUIRED
PLACE FACING EACH DIRECTION



RI-1 (30"x30")

CROSS TRAFFIC
DOES NOT STOP

W4-4 (24" X 12")
STA. 300+58.50
25.82' LT.



SPEED
LIMIT
45
R2-1 (24"x30")
REMOVE EXISTING
SIGN AND POST

DOUBLE YELLOW DETAIL
ALL LOCATIONS EXCEPT U.S. 150
(MORRISSEY DRIVE) WHICH THE
DISTRICT 5 DETAIL NO. 7800AAAA
SHALL APPLY.

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

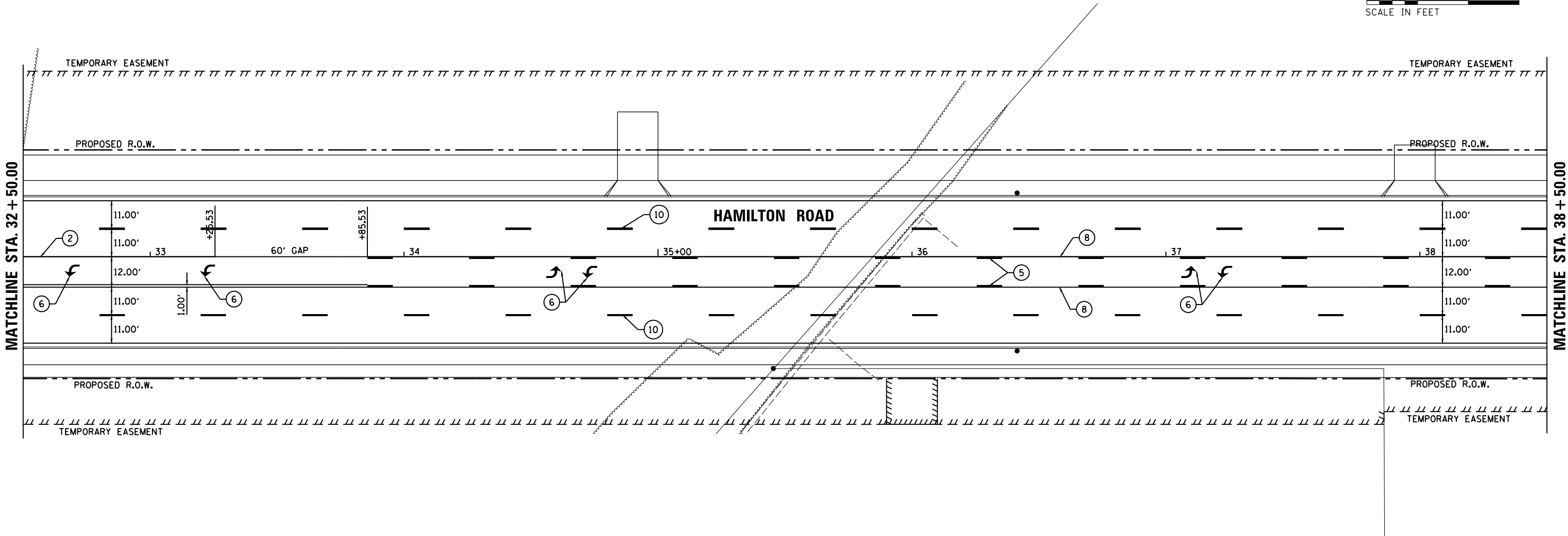
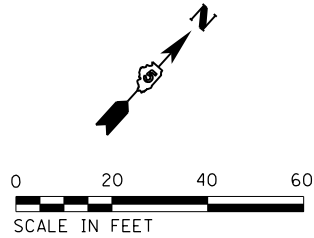
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PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
PAVEMENT MARKING AND SIGNAGE PLANS

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CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

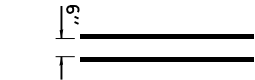


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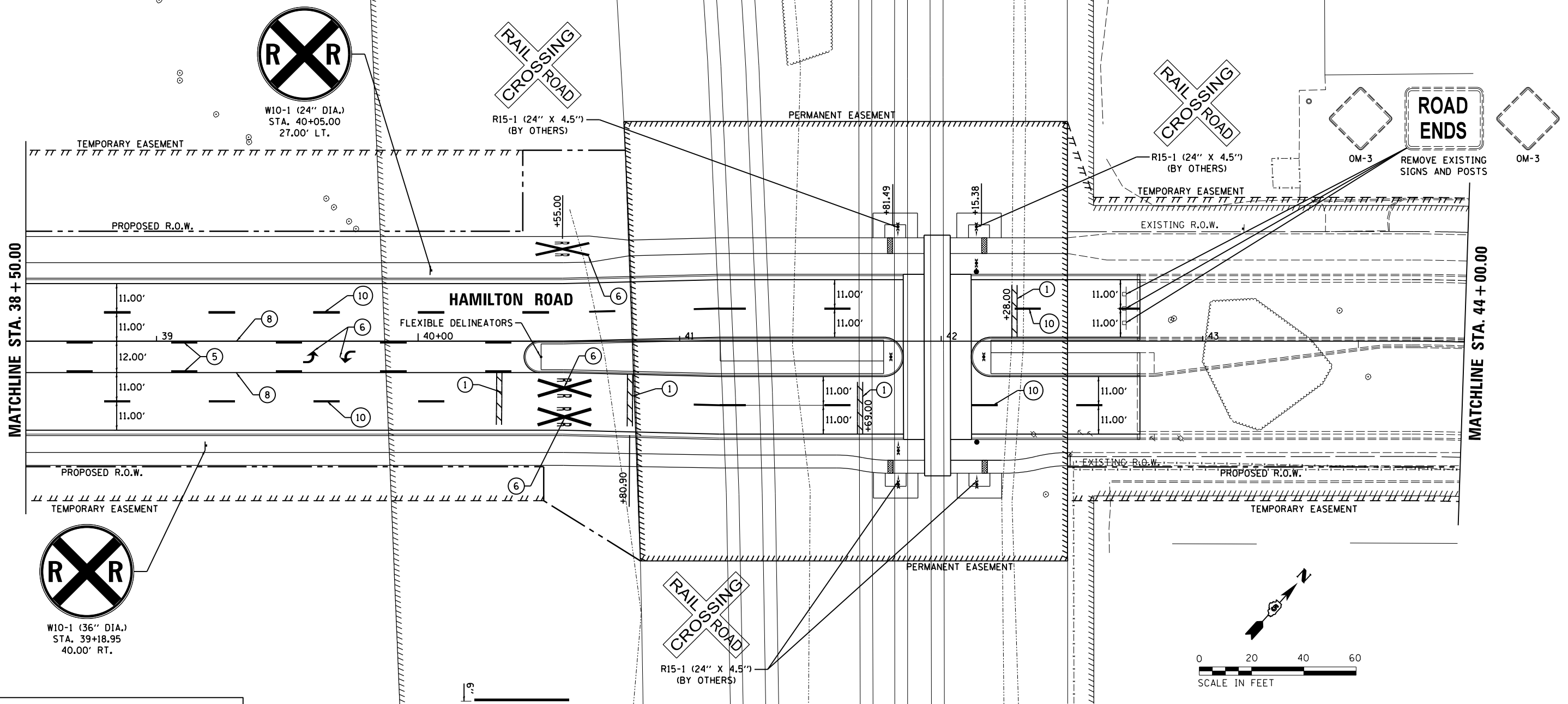
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAMILTON ROAD
PAVEMENT MARKING AND SIGNAGE PLANS**

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6371	24-00360-01-PV	McLEAN	192	136
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DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

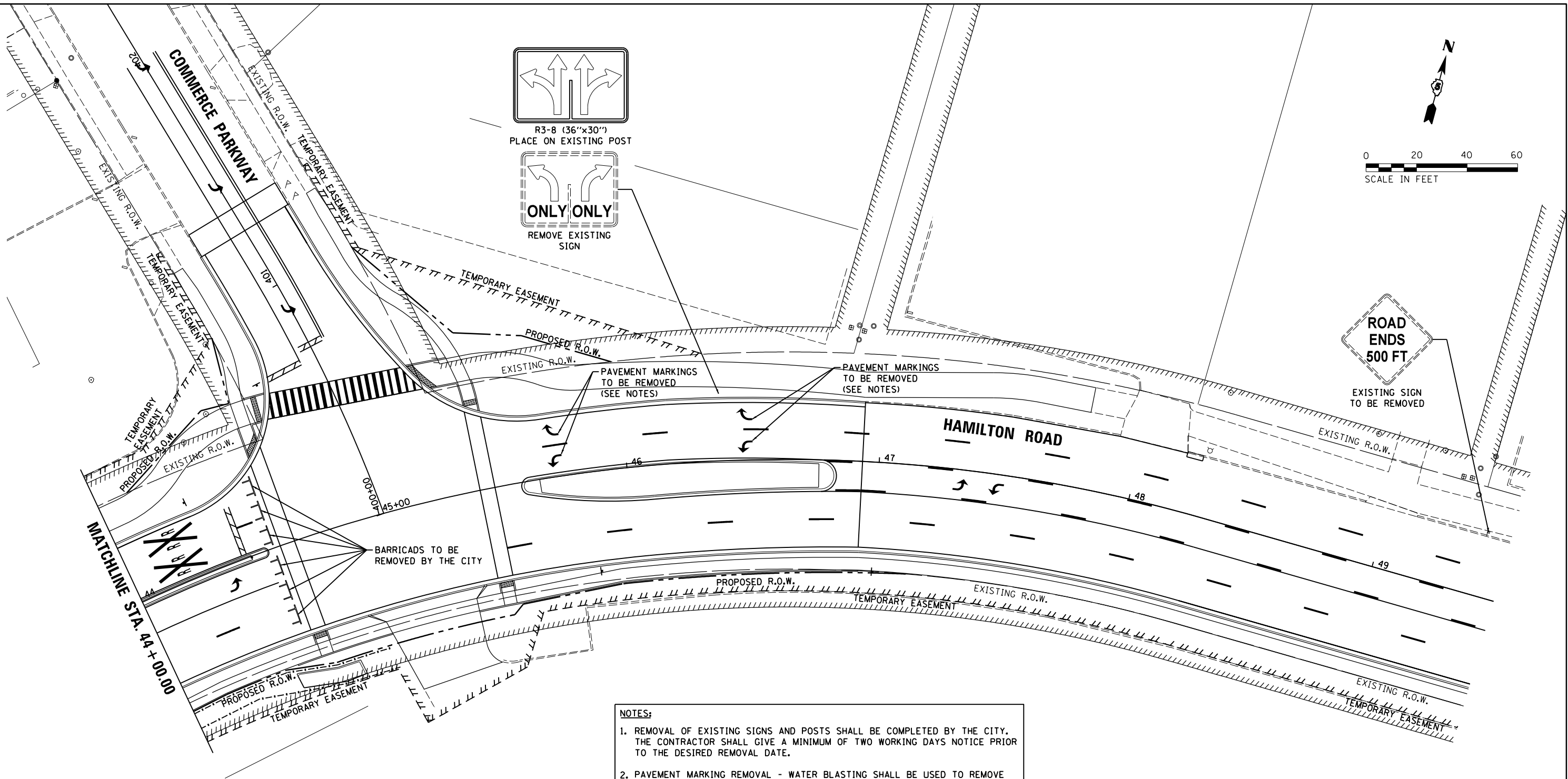
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PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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REVIEWED	MGD	7/10/2025

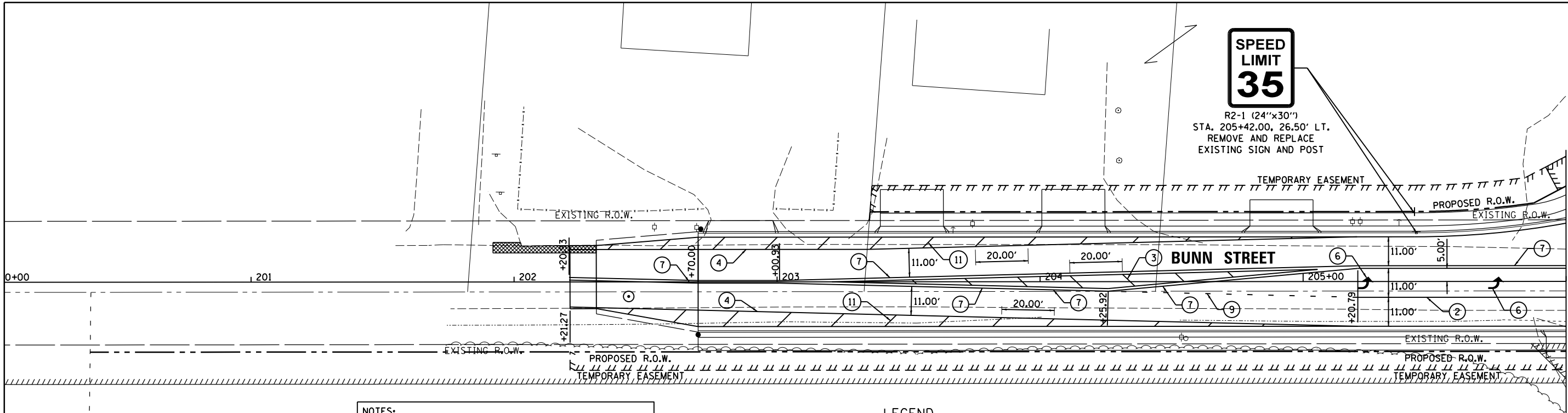
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STATE OF ILLINOIS
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HAMILTON ROAD
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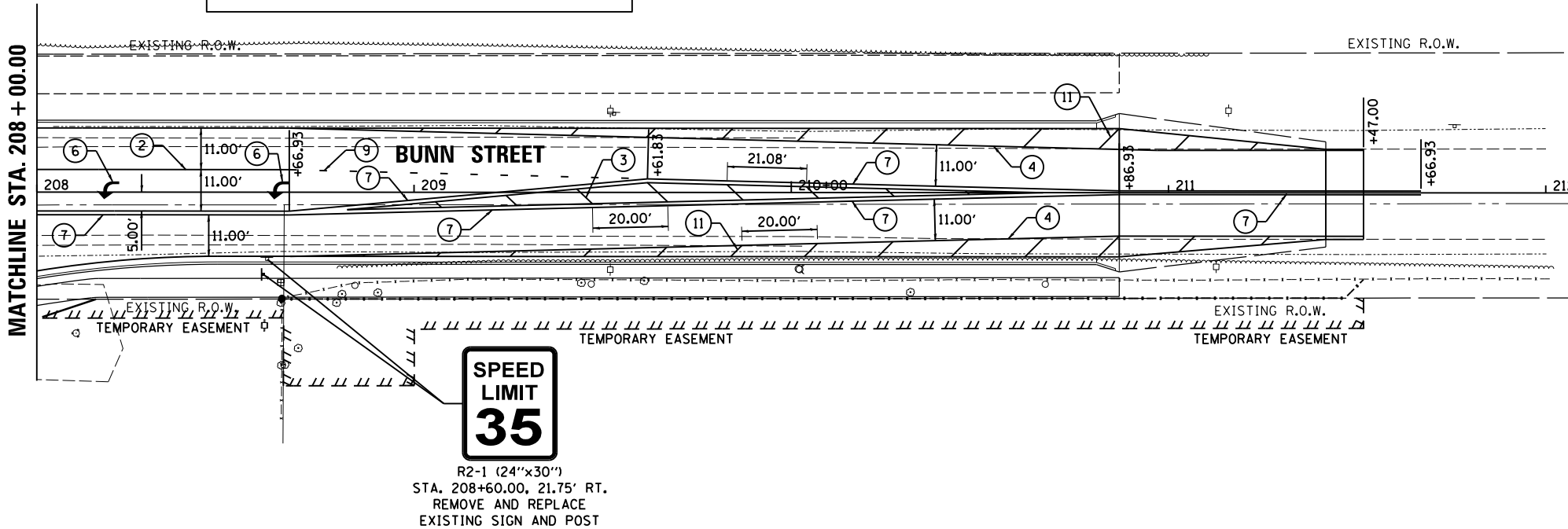
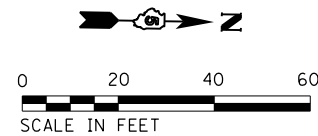


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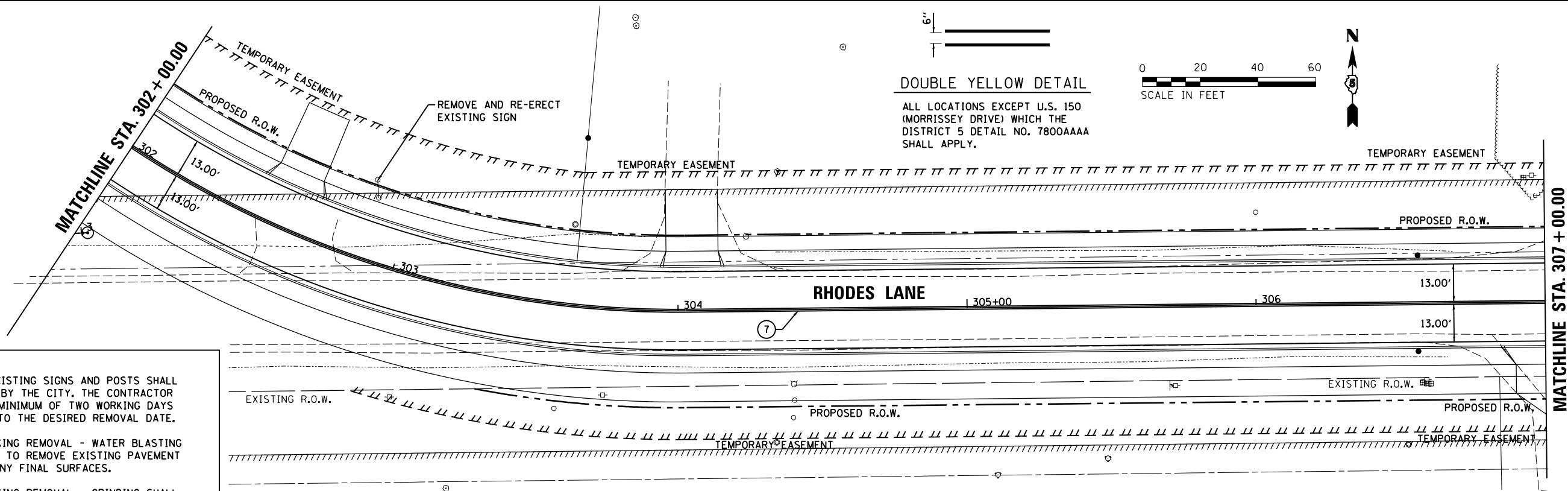
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUNN STREET
PAVEMENT MARKING AND SIGNAGE PLANS**

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CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



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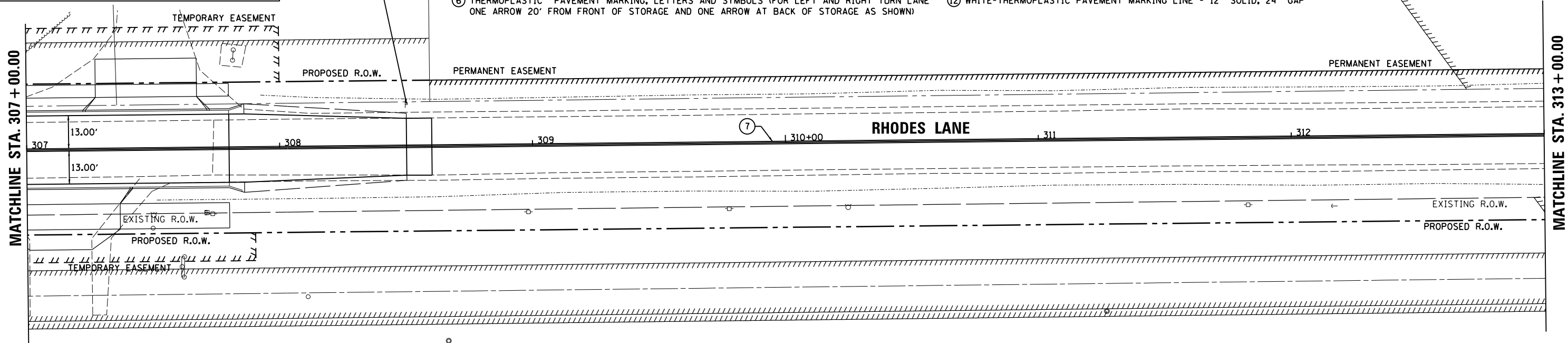
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3. PAVEMENT MARKING REMOVAL - GRINDING SHALL BE USED TO REMOVE EXISTING PAVEMENT MARKINGS, EXCEPT ON FINAL SURFACES. CONTRACTOR MAY USE WATER BLASTING AT NO ADDITIONAL EXPENSE.
4. EXISTING SIGNS TO REMAIN UNLESS NOTED OTHERWISE OR AS DIRECTED BY THE ENGINEER.
5. SIGNAGE AND PAVEMENT MARKINGS MAY BE ADJUSTED DEPENDING ON THE TIMING OF THE EAST SECTION CONTRACT. CONTRACTOR SHALL COORDINATE WORK WITH THE EAST SECTION CONTRACTOR.

SPEED
LIMIT
45

REMOVE EXISTING
SIGN AND POST

LEGEND

- ① WHITE-THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑤ YELLOW-THERMOPLASTIC MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑧ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑨ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑪ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑫ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" SOLID, 24" GAP



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

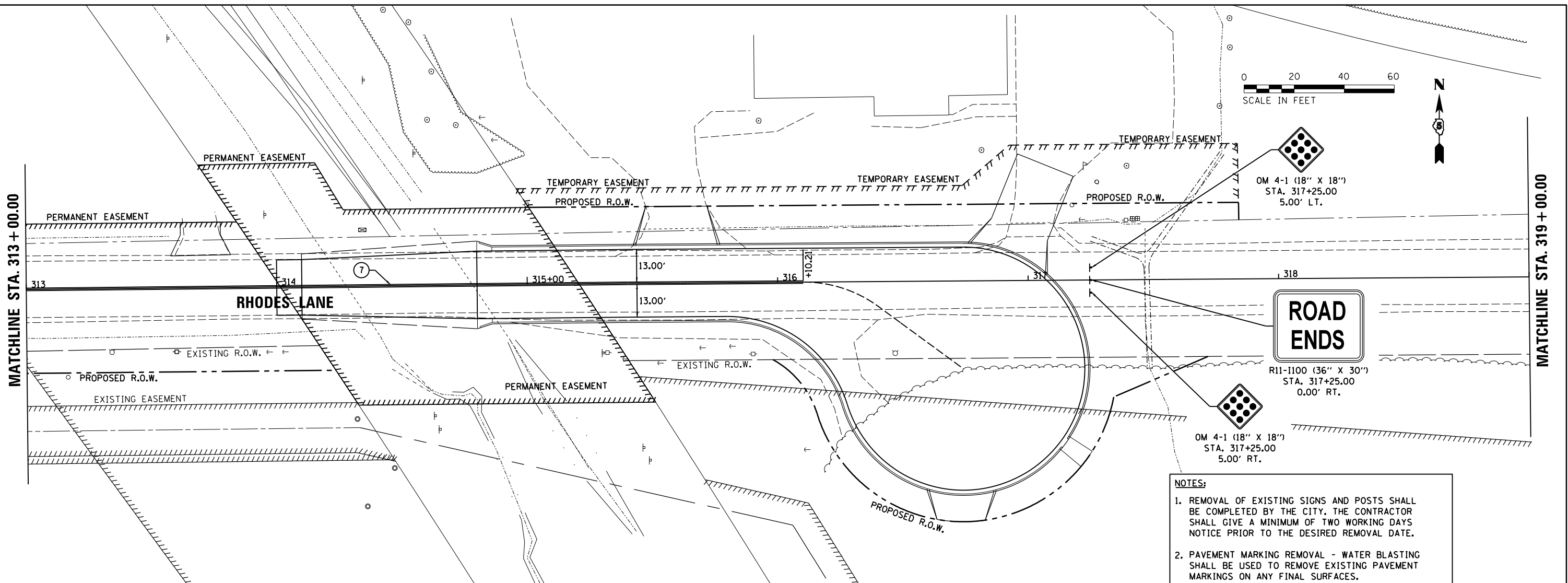
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PLOT SCALE = 40.0000' / in.		CHECKED - MGD	REVISED -
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RHODES LANE
PAVEMENT MARKING AND SIGNAGE PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

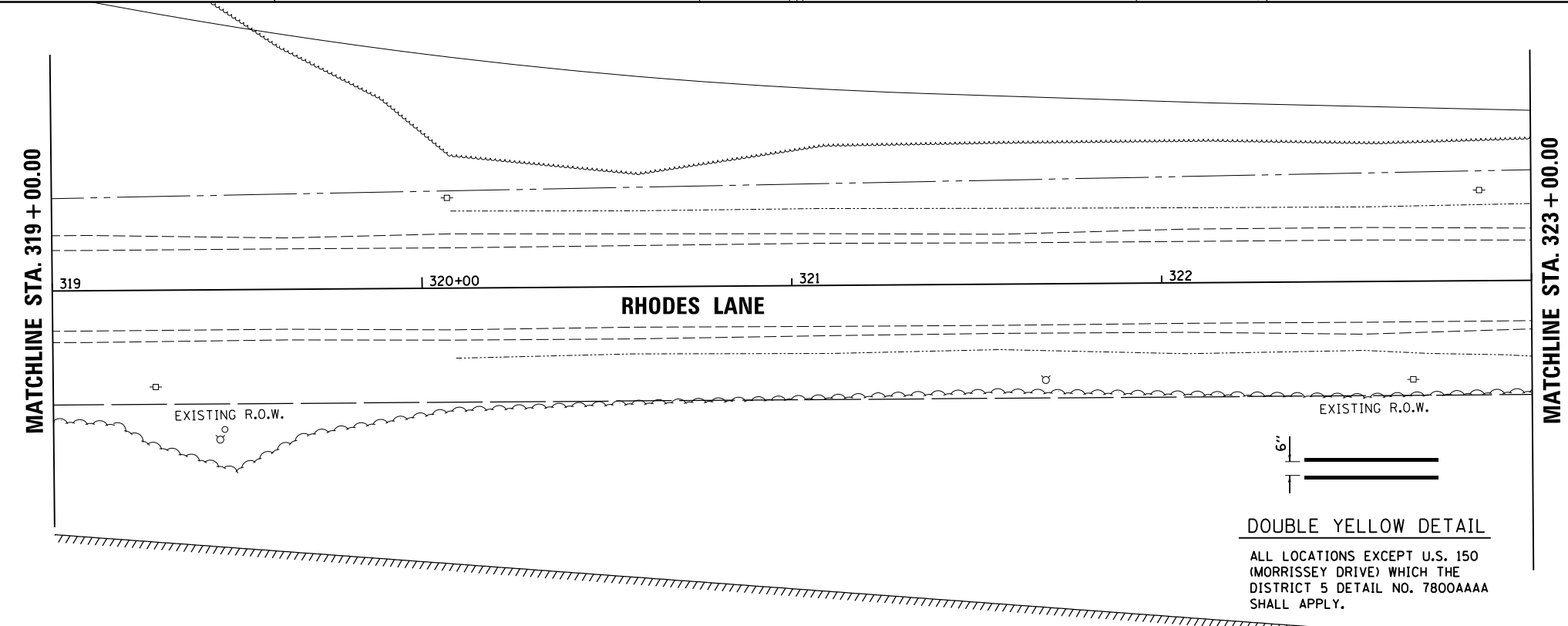
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	140
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. REMOVAL OF EXISTING SIGNS AND POSTS SHALL BE COMPLETED BY THE CITY. THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO WORKING DAYS NOTICE PRIOR TO THE DESIRED REMOVAL DATE.
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LEGEND

- ① WHITE-THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑤ YELLOW-THERMOPLASTIC MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑧ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑨ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑪ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑫ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" SOLID, 24" GAP



DOUBLE YELLOW DETAIL
ALL LOCATIONS EXCEPT U.S. 150 (MORRISSEY DRIVE) WHICH THE DISTRICT 5 DETAIL NO. 7800AAAA SHALL APPLY.

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

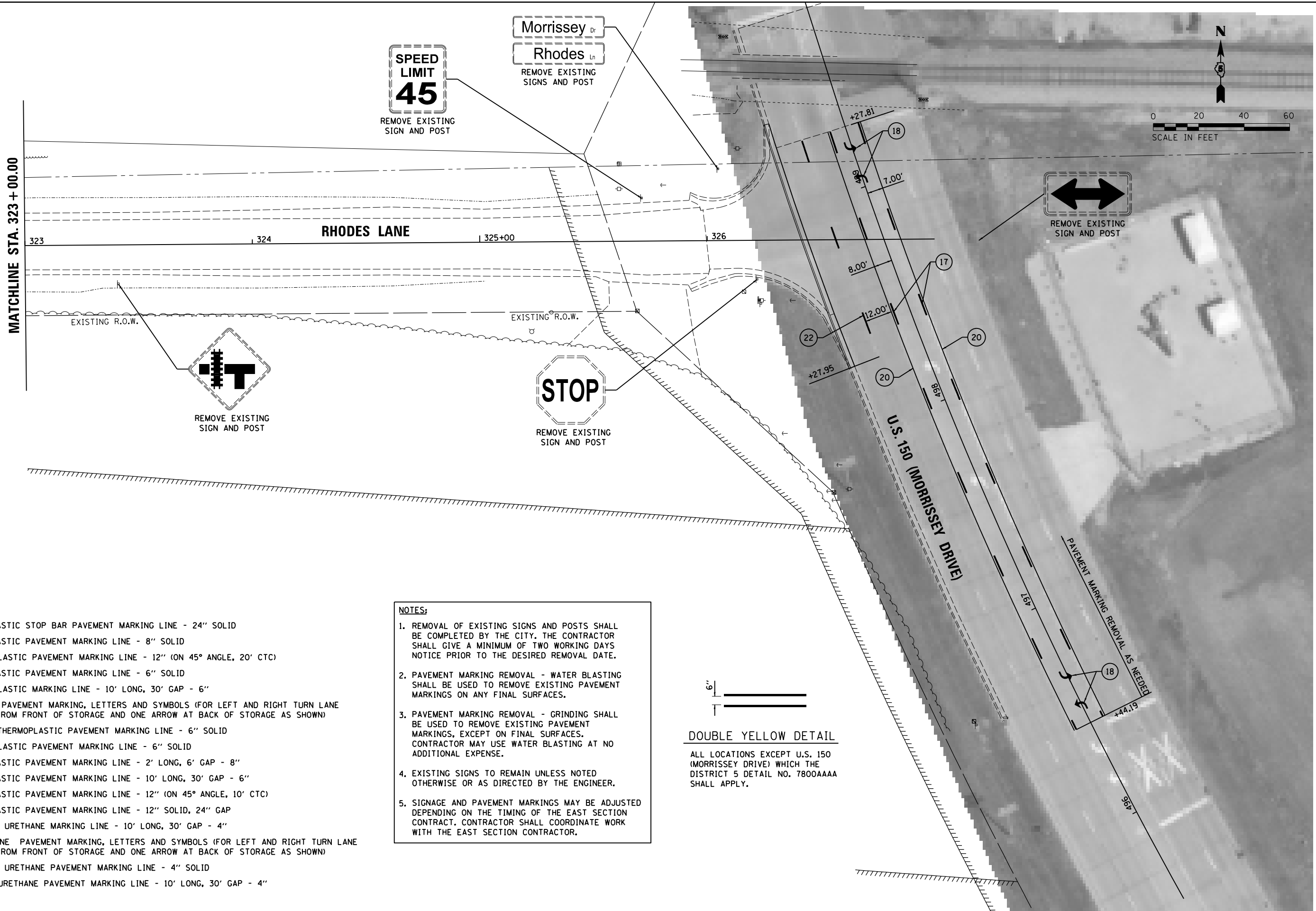
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PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RHODES LANE
PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	141
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① WHITE-THERMOPLASTIC STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑤ YELLOW-THERMOPLASTIC MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑥ THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑧ YELLOW-THERMOPLASTIC PAVEMENT MARKING LINE - 6" SOLID
- ⑨ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 2' LONG, 6" GAP - 8"
- ⑩ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 6"
- ⑪ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑫ WHITE-THERMOPLASTIC PAVEMENT MARKING LINE - 12" SOLID, 24" GAP
- ⑬ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑭ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑮ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑯ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

NOTES:

1. REMOVAL OF EXISTING SIGNS AND POSTS SHALL BE COMPLETED BY THE CITY. THE CONTRACTOR SHALL GIVE A MINIMUM OF TWO WORKING DAYS NOTICE PRIOR TO THE DESIRED REMOVAL DATE.
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DOUBLE YELLOW DETAIL

ALL LOCATIONS EXCEPT U.S. 150 (MORRISSEY DRIVE) WHICH THE DISTRICT 5 DETAIL NO. 7800AAAAA SHALL APPLY.

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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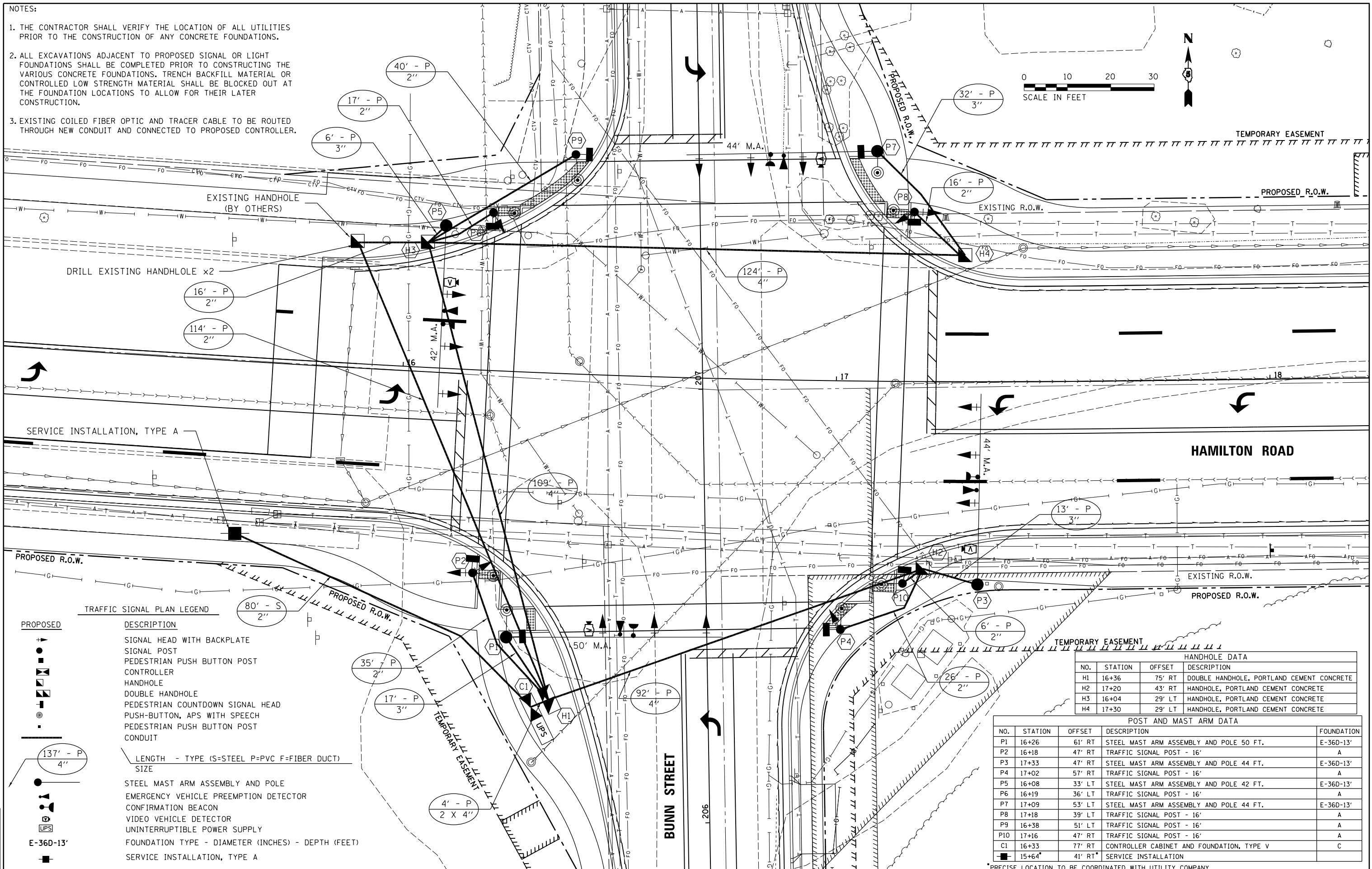
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RHODES LANE
PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

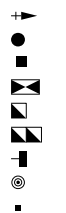
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	142
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

- NOTES:
1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE CONSTRUCTION OF ANY CONCRETE FOUNDATIONS.
 2. ALL EXCAVATIONS ADJACENT TO PROPOSED SIGNAL OR LIGHT FOUNDATIONS SHALL BE COMPLETED PRIOR TO CONSTRUCTING THE VARIOUS CONCRETE FOUNDATIONS. TRENCH BACKFILL MATERIAL OR CONTROLLED LOW STRENGTH MATERIAL SHALL BE BLOCKED OUT AT THE FOUNDATION LOCATIONS TO ALLOW FOR THEIR LATER CONSTRUCTION.
 3. EXISTING COILED FIBER OPTIC AND TRACER CABLE TO BE ROUTED THROUGH NEW CONDUIT AND CONNECTED TO PROPOSED CONTROLLER.



TRAFFIC SIGNAL PLAN LEGEND

PROPOSED



DESCRIPTION

SIGNAL HEAD WITH BACKPLATE
SIGNAL POST
PEDESTRIAN PUSH BUTTON POST
CONTROLLER
HANDHOLE
DOUBLE HANDHOLE
PEDESTRIAN COUNTDOWN SIGNAL HEAD
PUSH-BUTTON, APS WITH SPEECH
PEDESTRIAN PUSH BUTTON POST
CONDUIT

LENGTH - TYPE (S=STEEL P=PVC F=FIBER DUCT)
SIZE

STEEL MAST ARM ASSEMBLY AND POLE
EMERGENCY VEHICLE PREEMPTION DETECTOR
CONFIRMATION BEACON
VIDEO VEHICLE DETECTOR
UNINTERRUPTIBLE POWER SUPPLY
FOUNDATION TYPE - DIAMETER (INCHES) - DEPTH (FEET)
SERVICE INSTALLATION, TYPE A

TEMPORARY EASEMENT

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
H1	16+36	75' RT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
H2	17+20	43' RT	HANDHOLE, PORTLAND CEMENT CONCRETE
H3	16+04	29' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
H4	17+30	29' LT	HANDHOLE, PORTLAND CEMENT CONCRETE

POST AND MAST ARM DATA

NO.	STATION	OFFSET	DESCRIPTION	FOUNDATION
P1	16+26	61' RT	STEEL MAST ARM ASSEMBLY AND POLE 50 FT.	E-36D-13'
P2	16+18	47' RT	TRAFFIC SIGNAL POST - 16'	A
P3	17+33	47' RT	STEEL MAST ARM ASSEMBLY AND POLE 44 FT.	E-36D-13'
P4	17+02	57' RT	TRAFFIC SIGNAL POST - 16'	A
P5	16+08	33' LT	STEEL MAST ARM ASSEMBLY AND POLE 42 FT.	E-36D-13'
P6	16+19	36' LT	TRAFFIC SIGNAL POST - 16'	A
P7	17+09	53' LT	STEEL MAST ARM ASSEMBLY AND POLE 44 FT.	E-36D-13'
P8	17+18	39' LT	TRAFFIC SIGNAL POST - 16'	A
P9	16+38	51' LT	TRAFFIC SIGNAL POST - 16'	A
P10	17+16	47' RT	TRAFFIC SIGNAL POST - 16'	A
C1	16+33	77' RT	CONTROLLER CABINET AND FOUNDATION, TYPE V	C
■	15+64	41' RT	SERVICE INSTALLATION	

*PRECISE LOCATION TO BE COORDINATED WITH UTILITY COMPANY

FILE NAME =	USER NAME = Ander00846	DESIGNED - TMA	REVISED -
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		CHECKED - SS	REVISED -
		DATE - 11/21/2024	REVISED -
PLOT SCALE = 20.0000' / in.			
PLOT DATE = 11/20/2024			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD /BUNN STREET
SIGNAL PLAN

SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

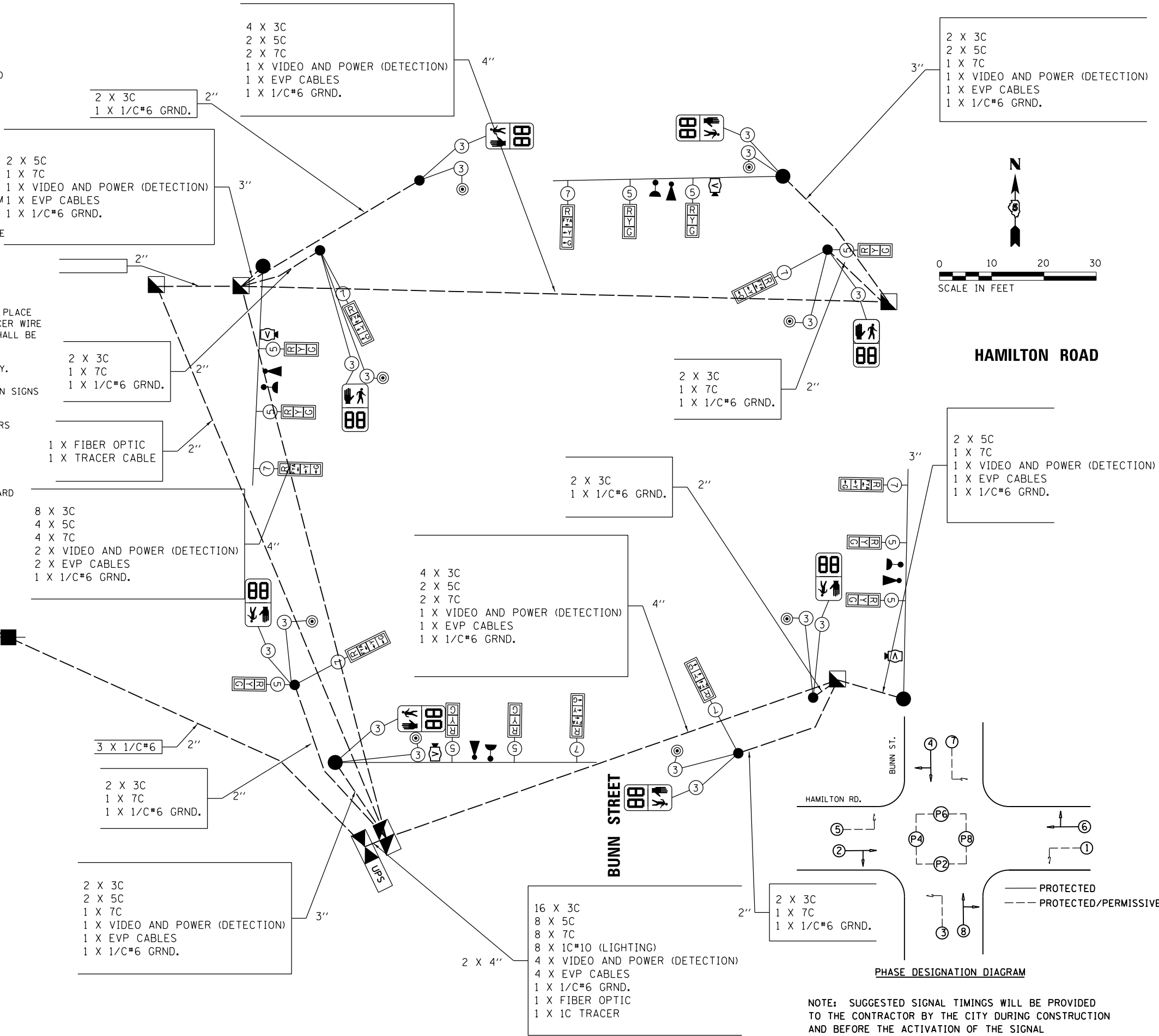
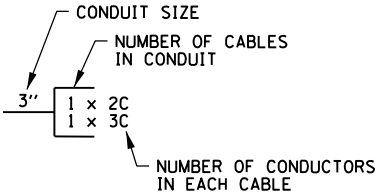
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	143
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES

1. THE ACTUAL LOCATIONS OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND THE TRAFFIC SIGNAL CONTROLLER WILL BE VERIFIED IN THE FIELD BY THE ENGINEER.
2. POST MOUNTED SIGNAL HEADS SHALL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES SHALL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
3. 12" LENSES SHALL BE USED ON ALL SIGNAL FACES.
4. THE NECESSARY CONNECTION FOR PROPER OPERATION OF THE EMERGENCY VEHICLE PRIORITY SYSTEM SHALL BE INCLUDED IN THE COST OF THE LIGHT DETECTOR. LIGHT CABLE TO BE PAID SEPARATELY.
5. THE ELECTRIC CABLE FOR THE LIGHT DETECTOR SHALL BE A CONTINUOUS UNBROKEN RUN FROM THE LIGHT DETECTOR TO THE LIGHT AMPLIFIER. SPICES SHALL NOT BE ALLOWED.
6. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE MOUNTED A MAXIMUM OF TEN (10) INCHES FROM THE EDGE OF WALK. THE CONTRACTOR SHALL ENSURE THESE REQUIREMENTS ARE MET AS EQUIPMENT IS LOCATED IN THE FIELD.
7. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
8. A 1/4 " CONTINUOUS NYLON ROPE AND 1X1C TRACER WIRE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES, FOUNDATIONS, AND CONTROLLERS. THE ROPE AND TRACER WIRE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM. TRACER WIRES SHALL BE NUMBER 10 AWG COLOR CODED ORANGE.
9. THE TRAFFIC SIGNAL EQUIPMENT SHALL RECEIVE POWER FROM THE EXISTING ELECTRIC UTILITY.
10. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS WITH SPEECH. THE PEDESTRIAN PUSH-BUTTON SIGNS SHALL BE INTEGRATED WITH THE PUSH BUTTON.
11. CONTRACTOR TO COMPLETE INTERCONNECT UTILIZING FIBER OPTIC CABLE INSTALLED BY OTHERS IN EXISTING HANDHOLE IN NW QUADRANT.
12. CONTRACTOR MUST HAVE A CITY OF BLOOMINGTON ELECTRICIAN LICENSE PRIOR TO START OF WORK.
13. THE MINIMUM DESIGN LOADING FOR EACH PROPOSED MAST ARM IS SHOWN IN THE IDOT STANDARD FOR THE RESPECTIVE MAST ARM LENGTH.

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
	SIGNAL FACE WITH BACKPLATE
	12" SIGNAL SECTION
	PEDESTRIAN SIGNAL FACE
	HANDHOLE
	DOUBLE HANDHOLE
	CONTROLLER
	LUMINAIRE
	MAST ARM POLE OR SIGNAL POST
	PEDESTRIAN PUSH-BUTTON, APS WITH SPEECH
	VIDEO VEHICLE DETECTION WITH CABLES
	EMERGENCY VEHICLE PREEMPTION DETECTOR
	CONFIRMATION BEACON
	UNINTERRUPTIBLE POWER SUPPLY



LAYOUT	6/12/2020
DRAWN	6/13/19
REVIEWED	7/10/2024
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

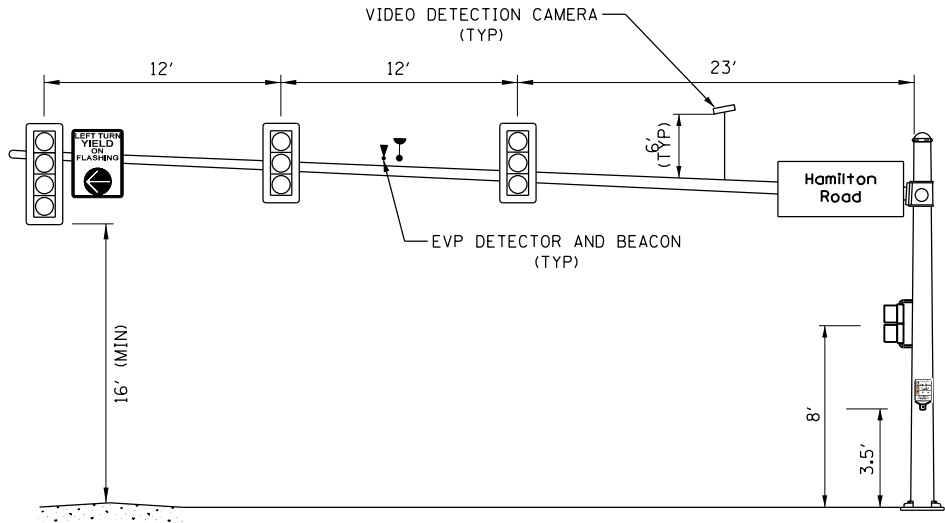
HAMILTON ROAD /BUNN STREET
CABLE PLAN

SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

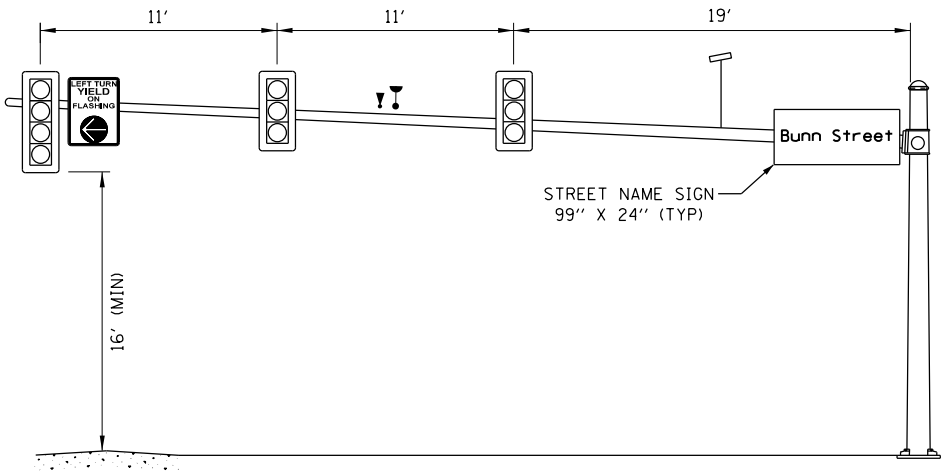
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	144
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

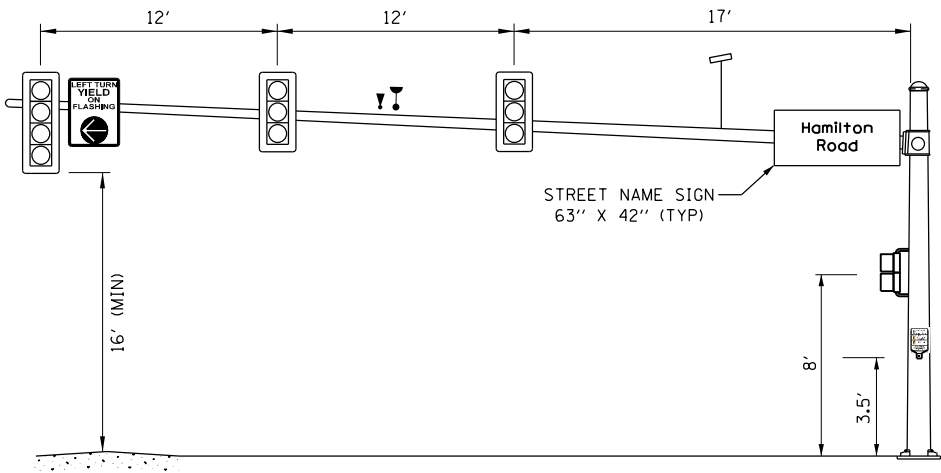
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	30.0
72000200	SIGN PANEL - TYPE 2	SQ FT	69.75
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	80
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	270
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	68
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	333
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2738
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1968
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1568
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3C	FOOT	86
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	806
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	6
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54
87900200	DRILL EXISTING HANDHOLE	EACH	2
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	18
X8800101	PEDESTRIAN PUSH-BUTTON (SPECIAL)	EACH	8
X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1
X8891202	WIDE AREA VIDEO VEHICLE DETECTION SYSTEM COMPLETE	EACH	1



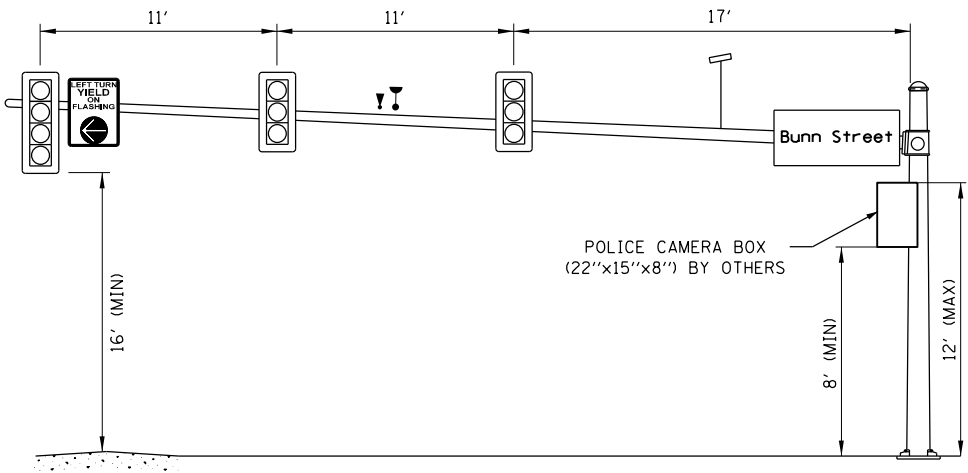
BUNN STREET
POST 1



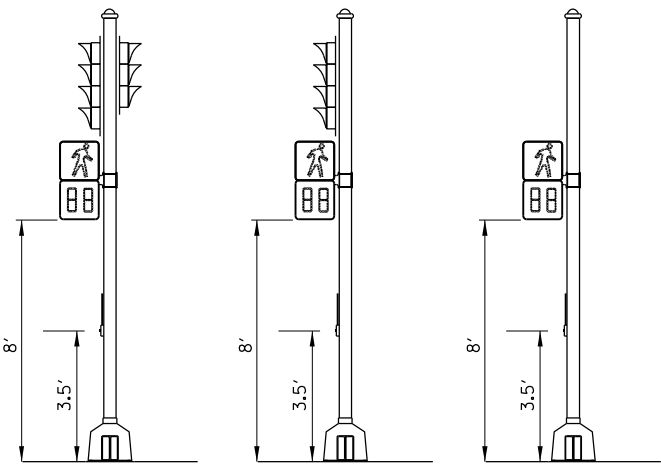
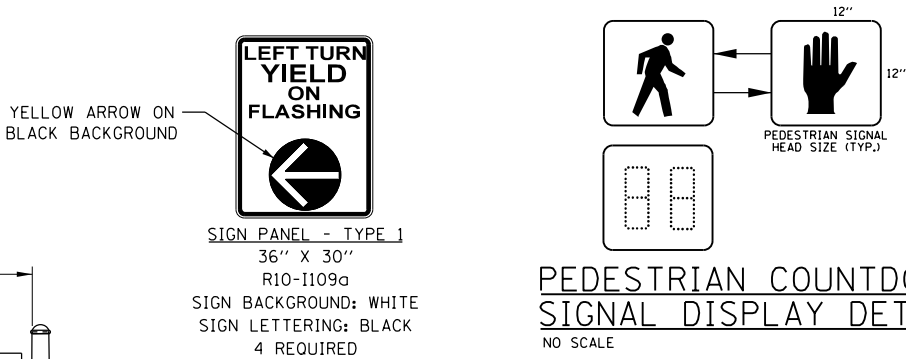
HAMILTON ROAD
POST 3



BUNN STREET
POST 7



HAMILTON ROAD
POST 5



POST 2,8

POST 4,6

POST 9,10

LAYOUT	TMA	6/12/2020
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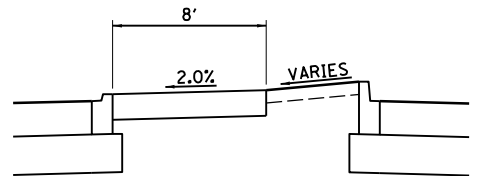
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD /BUNN STREET
MAST ARM LOADING DIAGRAM

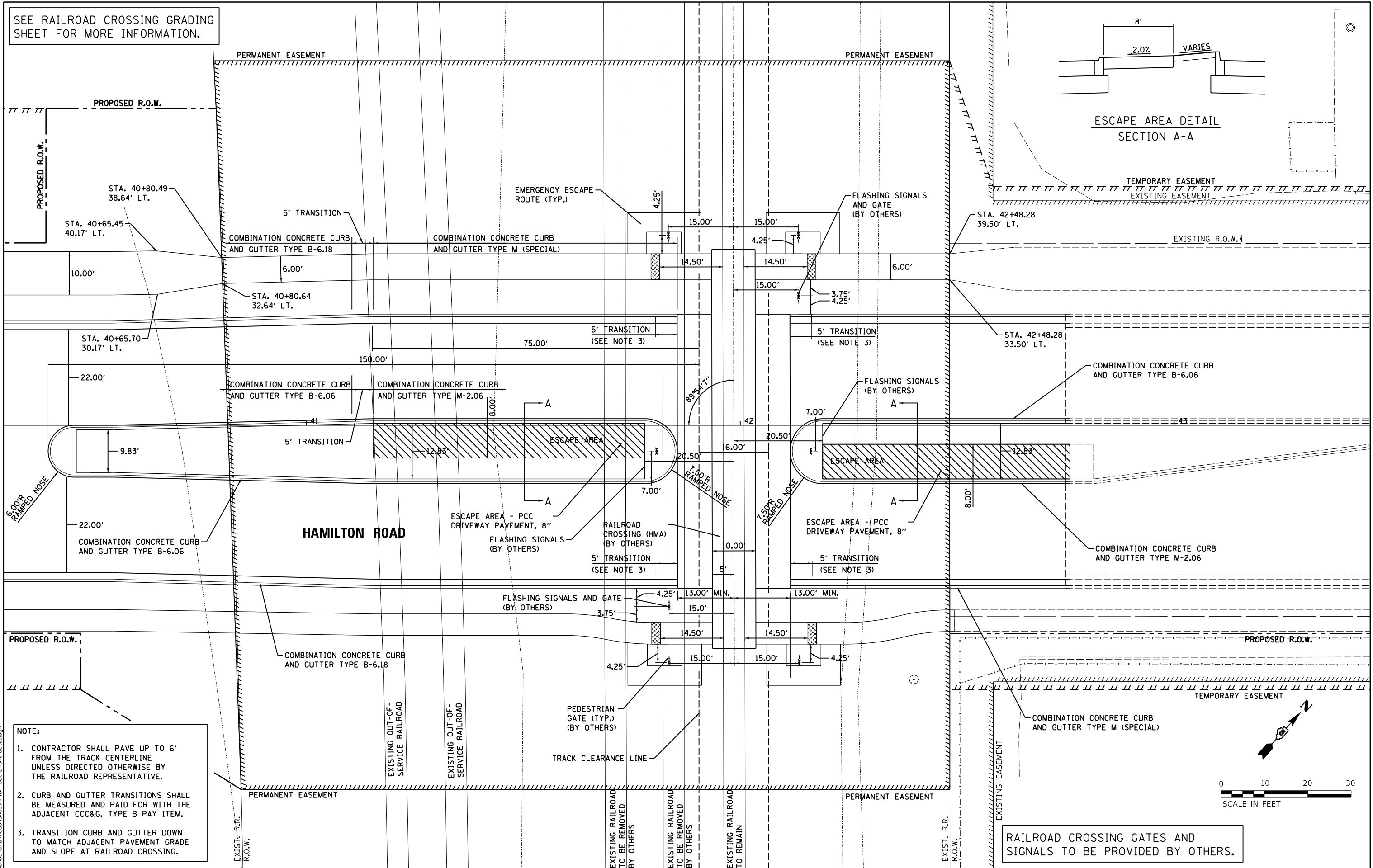
SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	145
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

SEE RAILROAD CROSSING GRADING
SHEET FOR MORE INFORMATION.



ESCAPE AREA DETAIL
SECTION A-A



- NOTE:
1. CONTRACTOR SHALL PAVE UP TO 6' FROM THE TRACK CENTERLINE UNLESS DIRECTED OTHERWISE BY THE RAILROAD REPRESENTATIVE.
 2. CURB AND GUTTER TRANSITIONS SHALL BE MEASURED AND PAID FOR WITH THE ADJACENT CCC&G, TYPE B PAY ITEM.
 3. TRANSITION CURB AND GUTTER DOWN TO MATCH ADJACENT PAVEMENT GRADE AND SLOPE AT RAILROAD CROSSING.

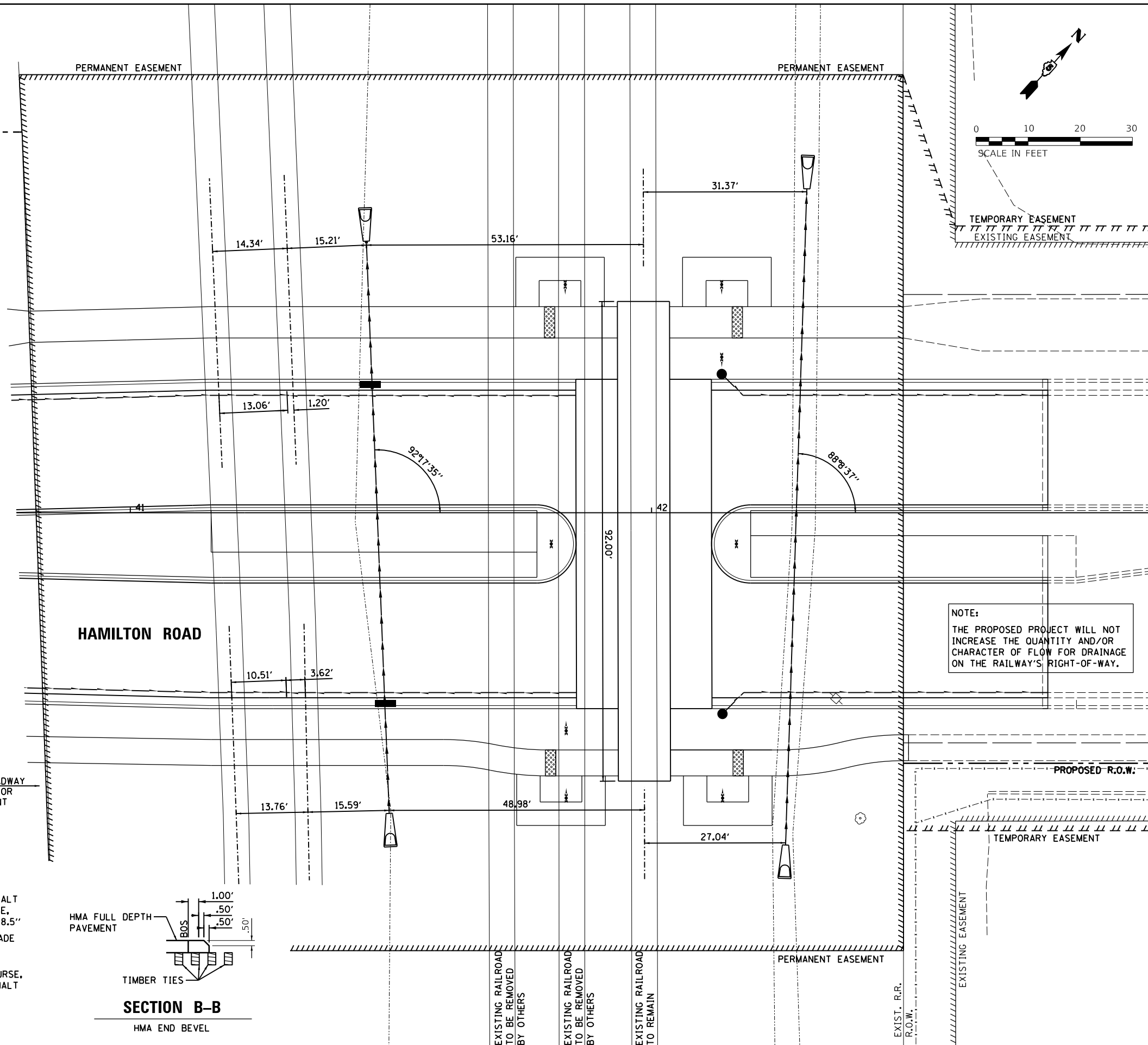
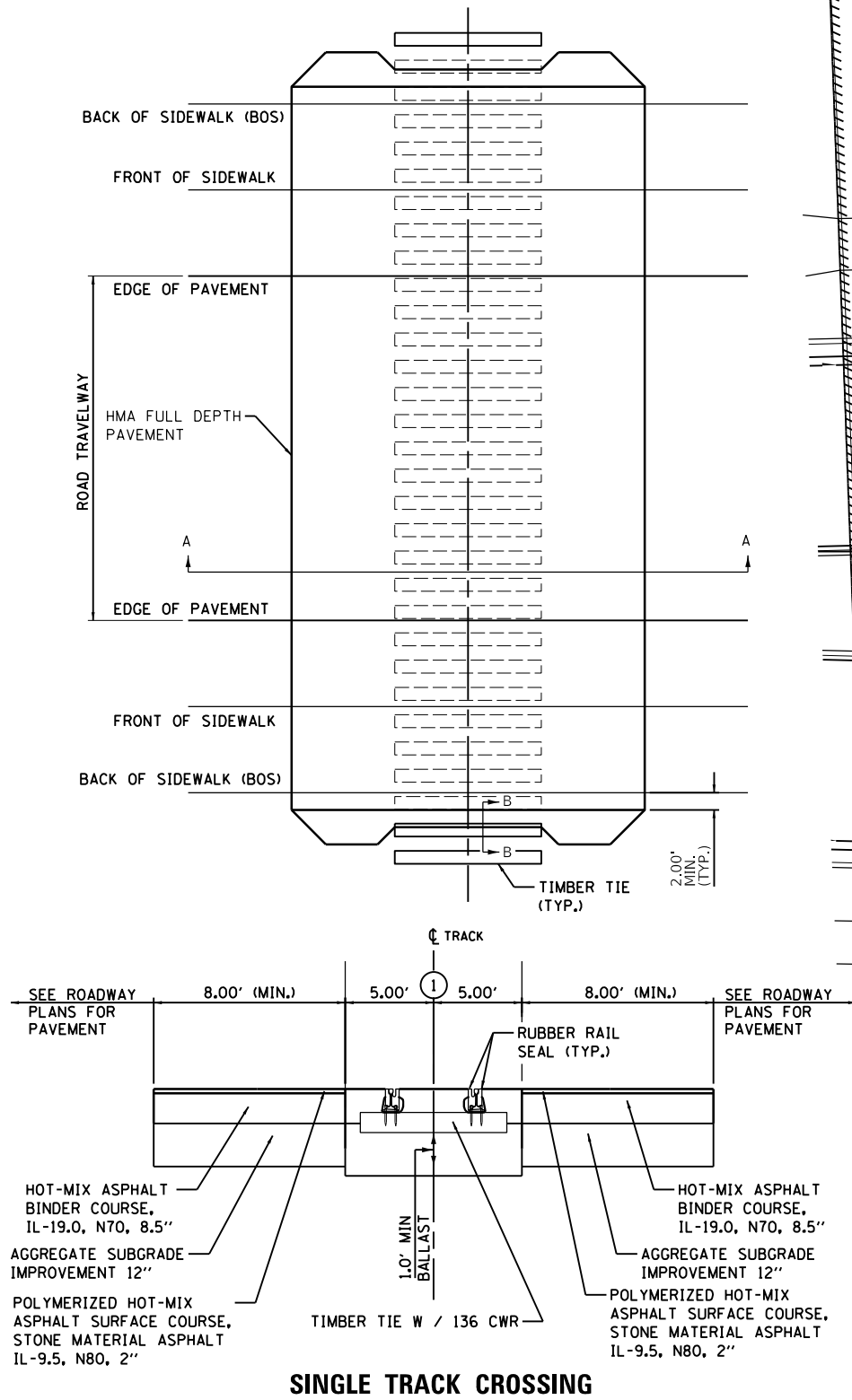
RAILROAD CROSSING GATES AND
SIGNALS TO BE PROVIDED BY OTHERS.

LAYOUT	BAB	16/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

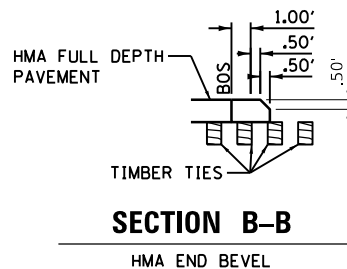
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in:\15\Jobs\15L0098C\CAD\Road\Sheet\Plan\Set 2\shd-det01.dgn		DRAWN - RLA	REVISED -					6371	24-00360-01-PV	McLEAN	192	146
PLOT SCALE = 20.0000' / in.		CHECKED - MGD	REVISED -					CONTRACT NO. 91653				
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -					ILLINOIS FED. AID PROJECT				
Default					SCALE: 1"=10'		SHEET	OF	SHEETS	STA.	TO	STA.

NOTES:

- CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH NORFOLK SOUTHERN RAILROAD PUBLIC PROJECTS MANUAL DATED AUGUST 1ST, 2015 AND STANDARD PLAN 7-5B ENTITLED "AT-GRADE CROSSING DETAILS ASPHALT PAVING WITH RUBBER FLANGEWAY."
- SPIKES, NUTS, BOLTS, WASHERS, AND RAIL ANCHORS SHALL BE NEW AND CONFORM TO AREMA RECOMMENDATIONS.
- RAIL SHALL BE NEW OR CLASS 1 RELAY, PER AREMA RECOMMENDATIONS.
- CROSSING DETAILS FOR INFORMATIONAL PURPOSES ONLY. CROSSING TO BE CONSTRUCTED BY OTHERS.



NOTE:
THE PROPOSED PROJECT WILL NOT INCREASE THE QUANTITY AND/OR CHARACTER OF FLOW FOR DRAINAGE ON THE RAILWAY'S RIGHT-OF-WAY.



LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -
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PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

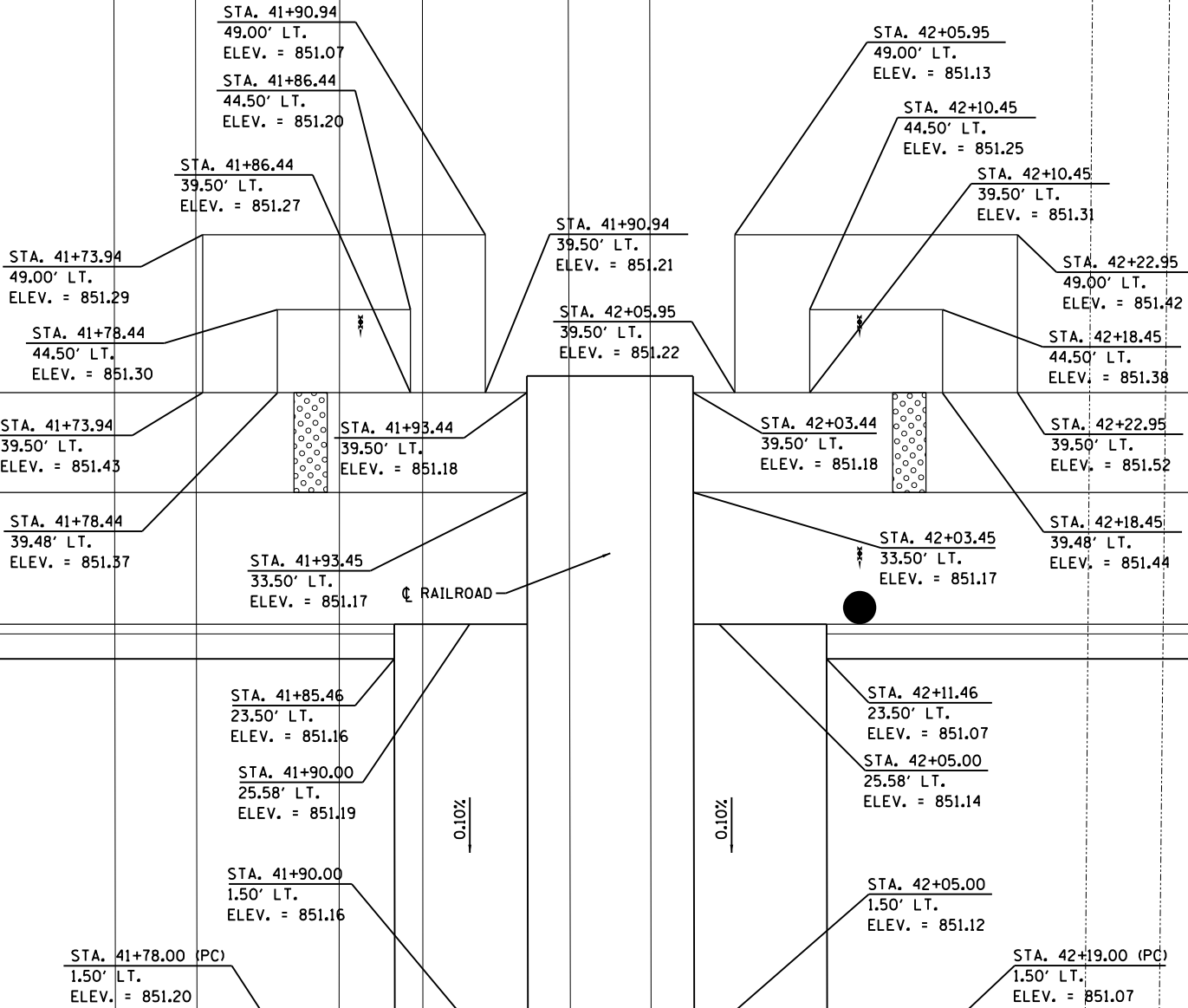
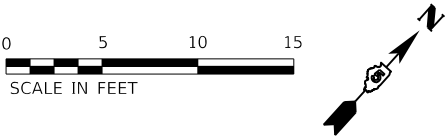
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
RAILROAD CROSSING DETAIL

SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	147
CONTRACT NO. 91653				

ILLINOIS FED. AID PROJECT



LAYOUT	BAB	6/12/2021
DRAWN	RLA	6/13/20
REVIEWED	MGD	7/10/2024

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USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				HAMILTON ROAD RAILROAD GRADING DETAIL				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / in.	DRAWN - RLA	REVISED -									6371	24-00360-01-PV	McLEAN	192	148
PLOT DATE = 11/20/2024	CHECKED - MGD	REVISED -									CONTRACT NO. 91653				
DATE - 11/21/2024	REVIS	REVISED -									ILLINOIS FED. AID PROJECT				

FILE NAME = I:\15\Jobs\15L0098C\CAD\Road\Sheet\Plan\Set 2\shd-det01C.dgn
Default

LAYOUT	BAB	6/12/2022
DRAWN	RLA	6/13/21
REVIEWED	MGD	7/10/2024

USER NAME = Ander00846
PLOT SCALE = 10.0000' / 1" =
PLOT DATE = 11/20/2024

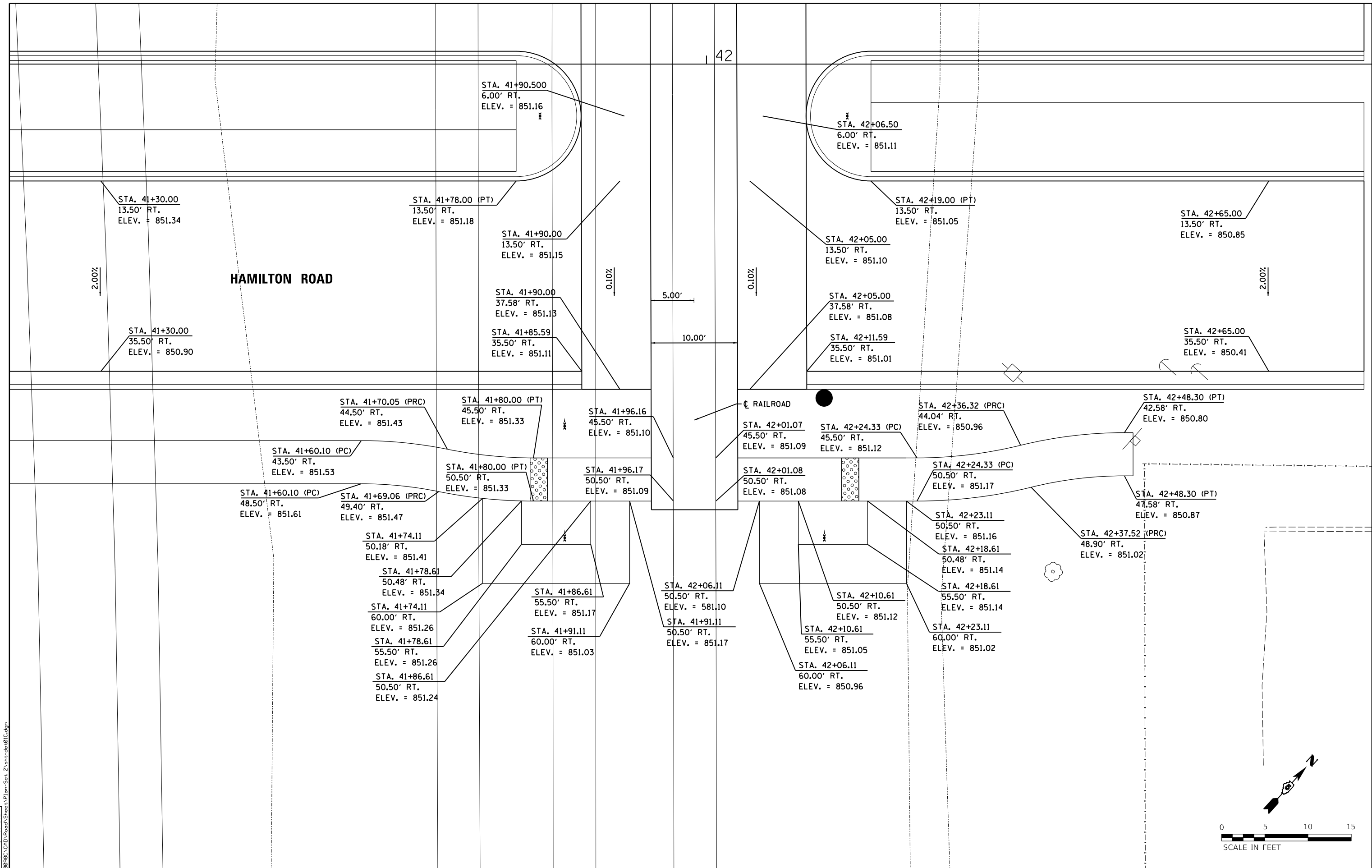
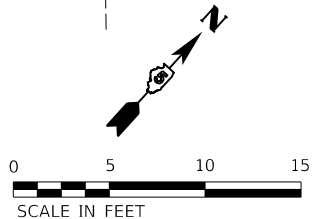
DESIGNED - BAB	REVISED -
DRAWN - RLA	REVISED -
CHECKED - MGD	REVISED -
DATE - 11/21/2024	REVISED -

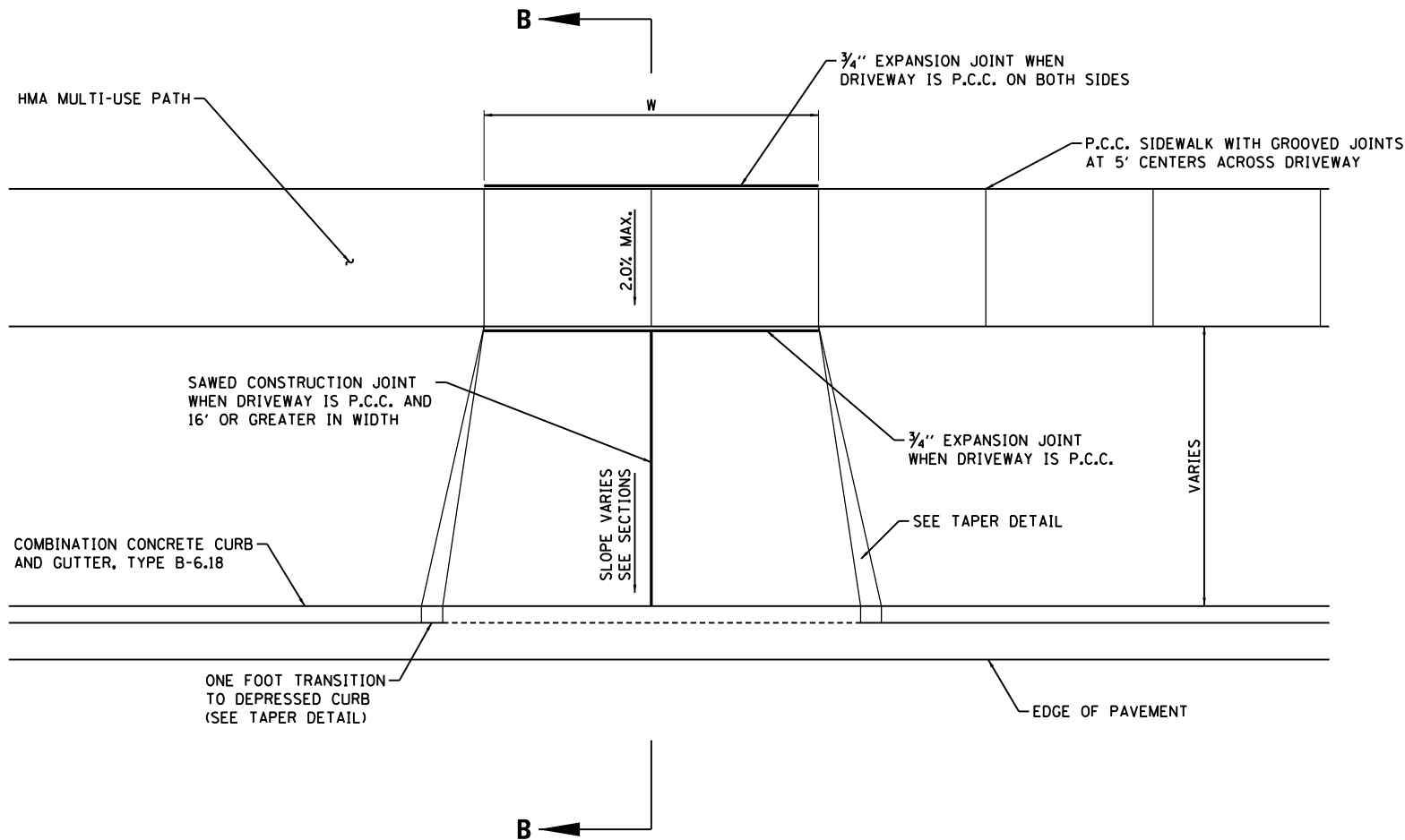
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
RAILROAD GRADING DETAIL

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	149
CONTRACT NO. 91653				
ILLINOIS FED. AID PROJECT				





NOTE:
BEHIND SIDEWALK OR MULTI-USE PATH
MATCH EXISTING DRIVEWAY COMPOSITION
WITH THE FOLLOWING GUIDELINES:

P.E.
6" CONC
3" HMA ON 6" AGG. BASE
8" AGG. SURF.

C.E.
8" CONC
6" HMA ON 6" AGG. BASE
8" AGG. SURF.

C.E. (20+56.85 LT)
10" CONC ON 6" AGG. BASE

F.E.
8" AGG. SURF.

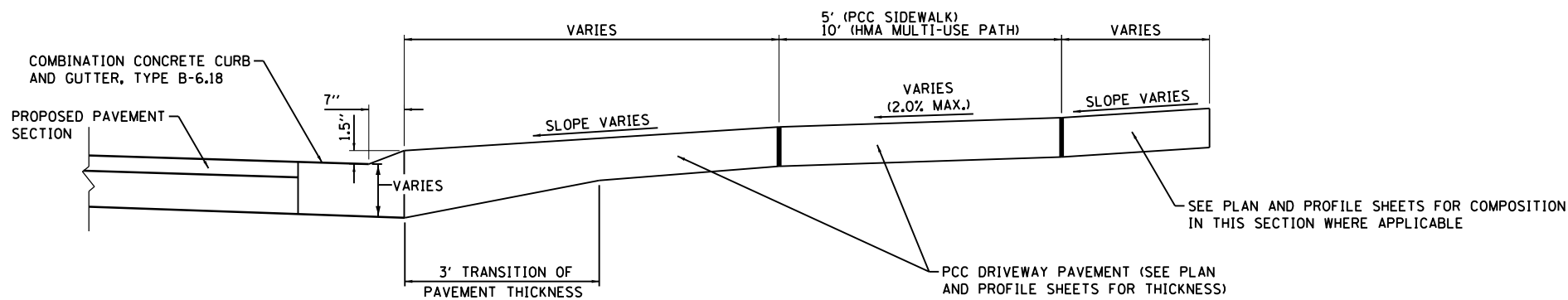
SEE PLAN AND PROFILE SHEETS FOR
DRIVEWAY COMPOSITION.

SAWED TRANSVERSE AND LONGITUDINAL JOINTS SHALL
CONFORM TO THE FOLLOWING TABLES:

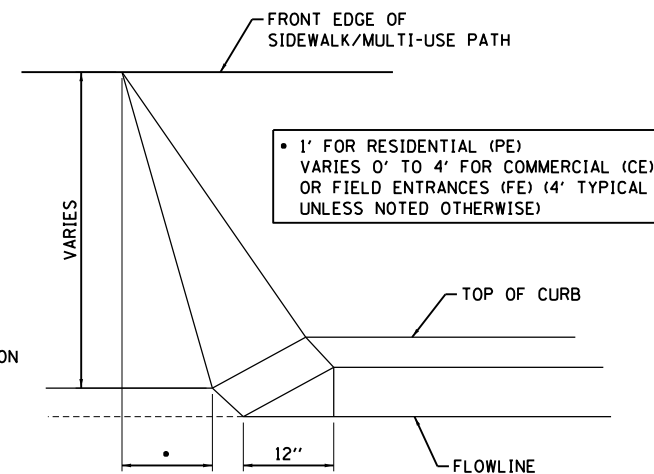
MAXIMUM DRIVEWAY LENGTH	NO. OF TRANSVERSE SAWED JOINTS
0-12 FT	0
12-24 FT	1
24-36 FT	2
OVER 36 FT	DETERMINED BY ENGINEER

DRIVEWAY WIDTH AT WIDEST POINT	NO. OF LONGITUDINAL SAWED JOINTS
0-12 FT	0
12-24 FT	1
24-36 FT	2
OVER 36 FT	DETERMINED BY ENGINEER

NOTE: SAWED JOINTS SHALL BE SPACED EVENLY THROUGHOUT DRIVEWAY.
THE JOINTS SHALL BE 1/8" WIDE WITH A MAXIMUM DEPTH OF ONE-FORTH
THE DEPTH OF THE PAVEMENT AND SEALED WITH THE SAME MATERIAL
AND IN THE SAME MANNER AS PCC PAVEMENT.



SECTION B-B



TAPER DETAIL

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

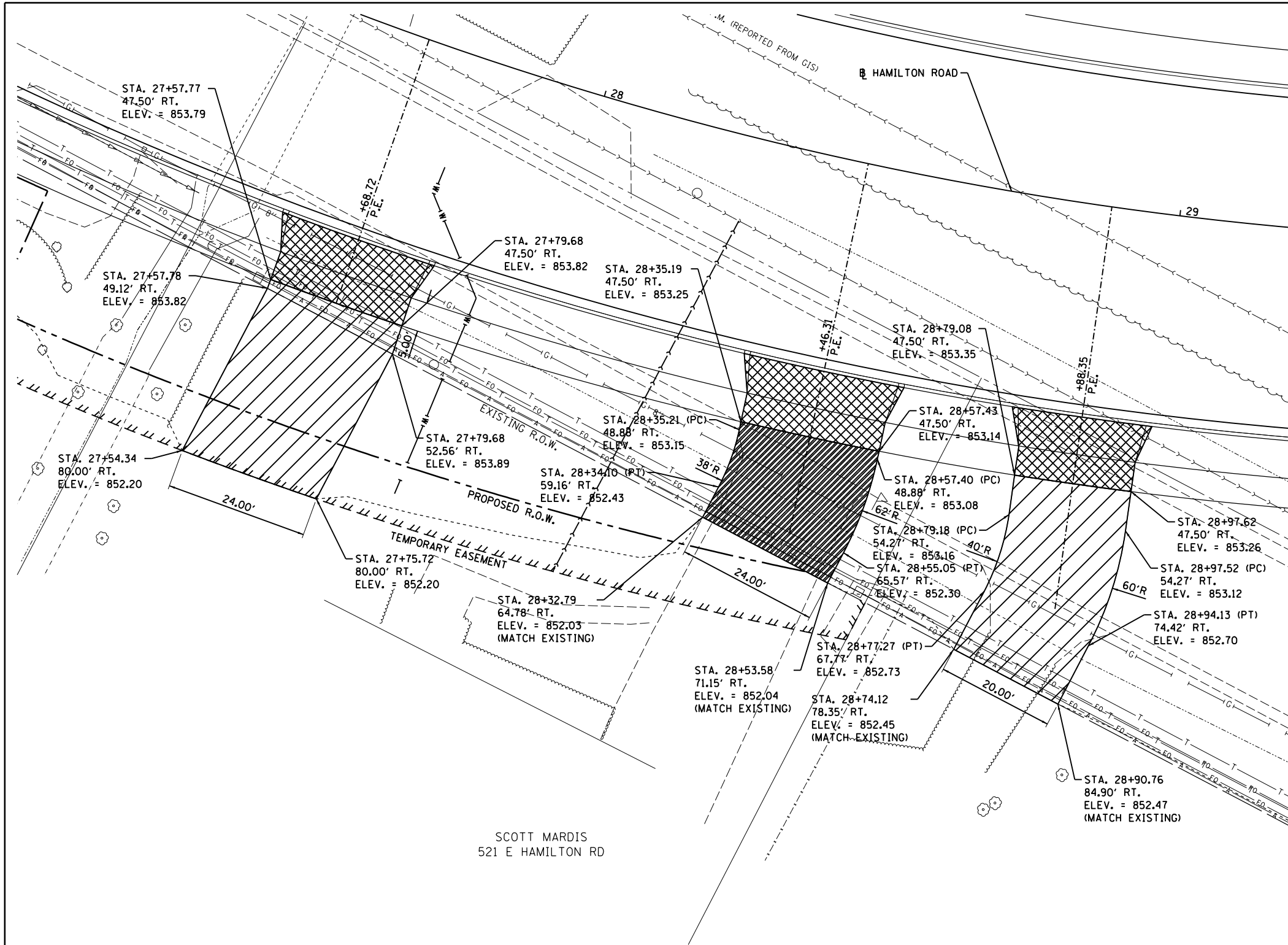
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PLOT SCALE = 10.0000 ' / 1"		CHECKED - MGD	REVISED -
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HAMILTON ROAD
ENTRANCE DETAILS**

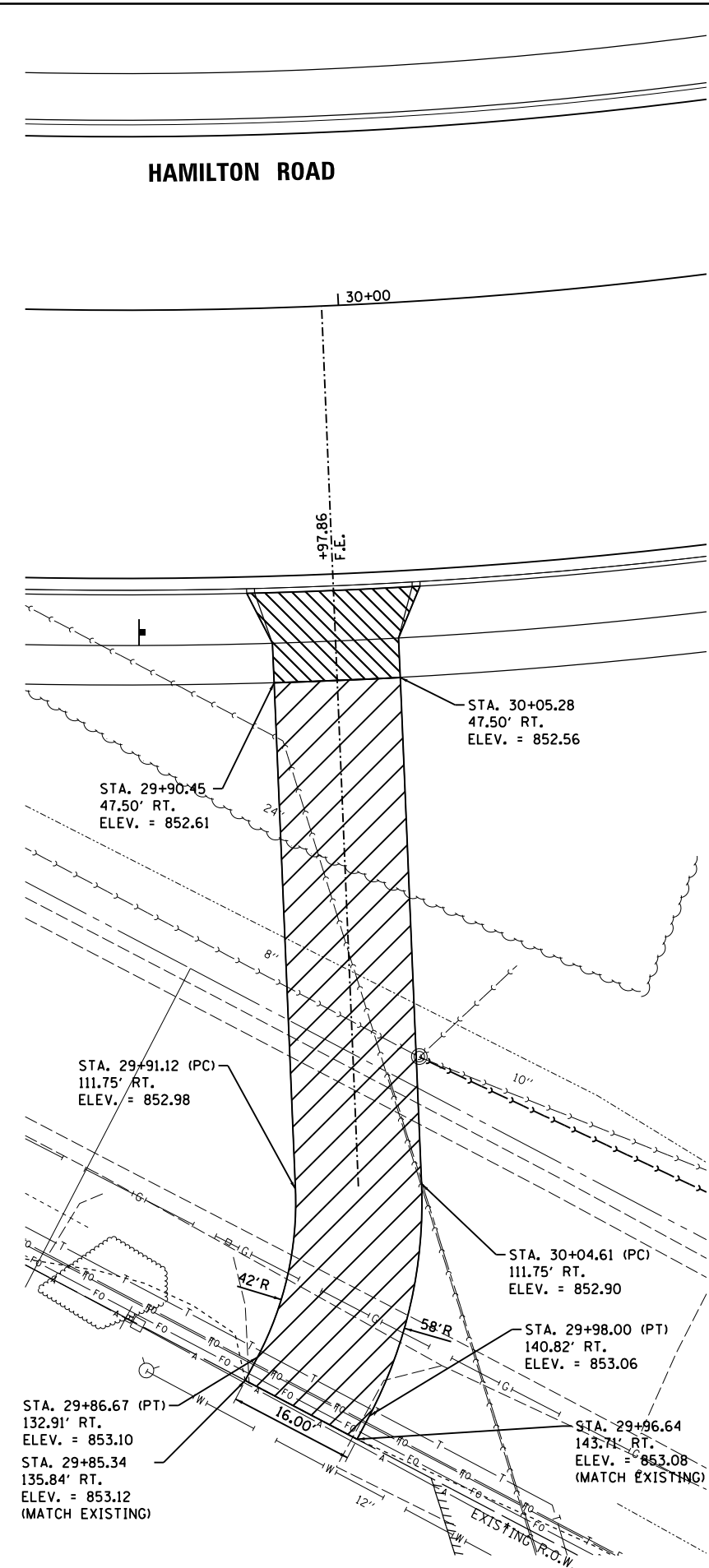
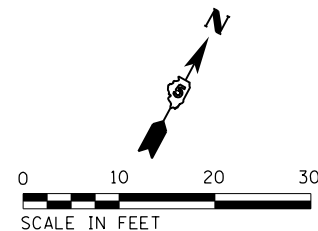
SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	150
CONTRACT NO. 91653				
ILLINOIS FED. AID PROJECT				



LEGEND

- PCC DRIVEWAY PAVEMENT, 6"
- PCC DRIVEWAY PAVEMENT, 8"
- HOT-MIX ASPHALT SURFACE COURSE REMOVAL - BUTT JOINT
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B
- DETECTABLE WARNINGS



LAYOUT	6/12/2020
DRAWN	6/13/20
REVIEWED	7/10/2024

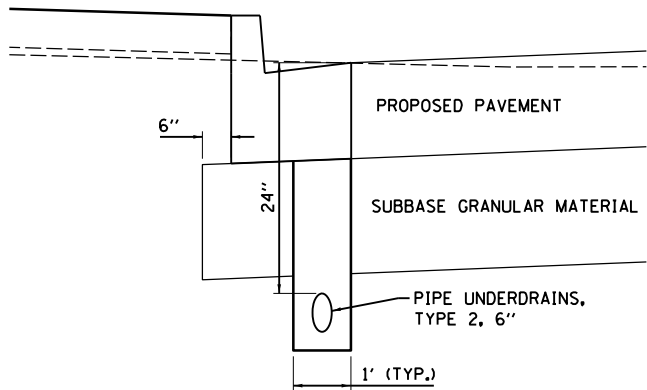
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PLOT SCALE = 20.0000' / in.		CHECKED -	MGD	REVISED -	
PLOT DATE = 11/20/2024		DATE -	11/21/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMILTON ROAD
ENTRANCE LAYOUT DETAILS

SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	151
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

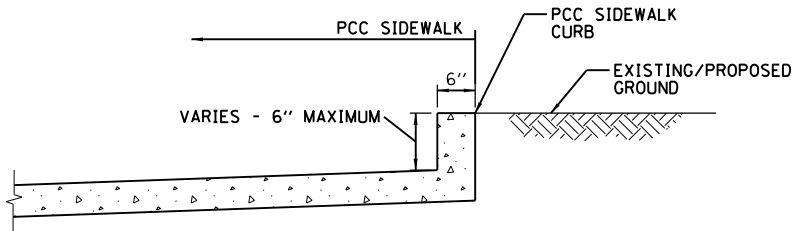


ADJACENT TO FULL DEPTH HMA PAVEMENT

NOTES:

1. PIPE UNDERDRAINS SHALL BE CONSTRUCTED TO MATCH THE EDGE OF PAVEMENT PROFILE.
2. THE UNDERDRAINS SHALL BE INSTALLED AS SHOWN ON THE PLANS AND SHALL INCLUDE CLEANOUTS AS SHOWN IN THE PLAN DETAILS OR CAPPED ON THE UPSTREAM END AS DIRECTED BY THE ENGINEER. THE UNDERDRAINS SHALL BE OUTLETTED TO THE NEAREST DRAINAGE STRUCTURE OR AS DIRECTED BY THE ENGINEER. THE CONNECTION TO EXISTING OR PROPOSED DRAINAGE STRUCTURES SHALL BE DONE BY CORING THE STRUCTURE IN A WORKMANLIKE MANNER AND SHALL BE WATERTIGHT. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE PIPE UNDERDRAINS, TYPE 2, 6" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PIPE UNDERDRAINS, TYPE 2, 6"

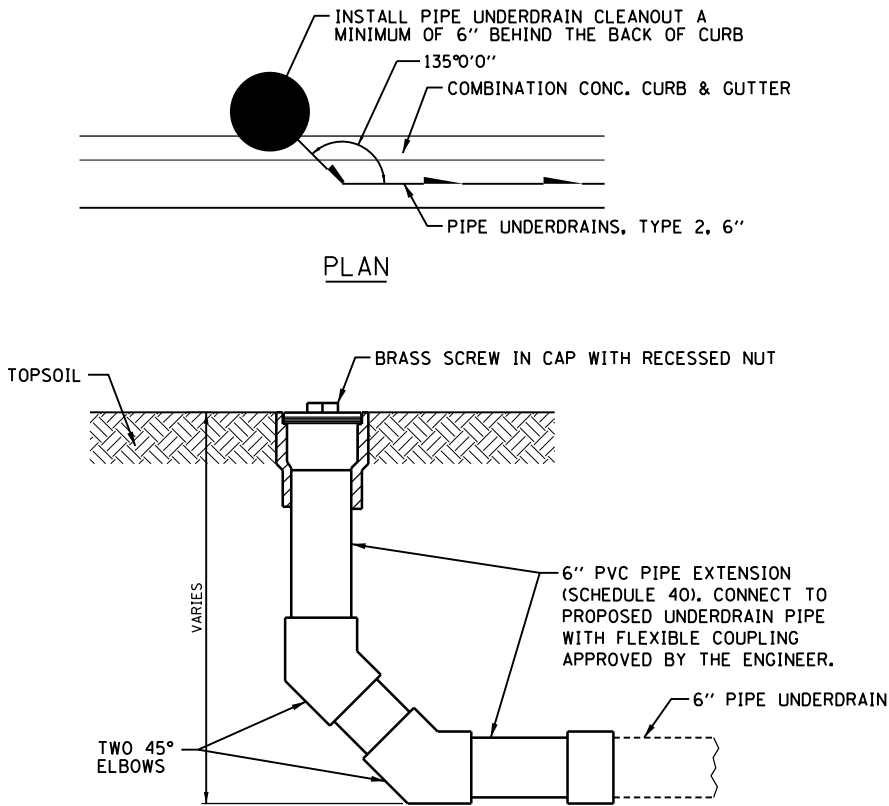


NOTES:

1. SIDEWALK CURB SHALL BE POURED MONOLITHIC WITH THE SIDEWALK OR ENTRANCE.
2. WHERE PROPOSED FOR THE ADJACENT SIDEWALK EXTEND THE STEEL WIRE MESH UP THE CURB.
3. CURBS LESS THAN 6" TALL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE PAID FOR BASED ON PLAN VIEW SURFACE AREA OF THE CURB AND INCLUDED WITH THE ADJACENT PCC SIDEWALK PAY ITEM.

INTEGRAL SIDEWALK CURB DETAIL

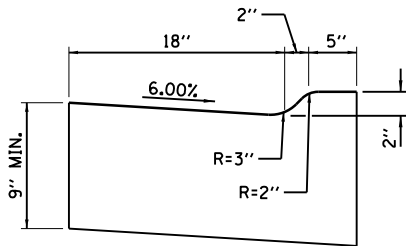
(SIDEWALK LESS THAN 6" BELOW EXISTING GRADE)



NOTES:

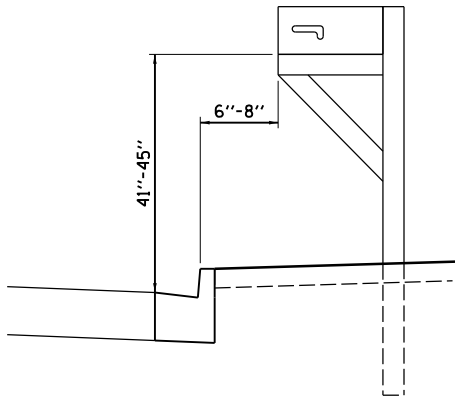
1. THE COST OF CONSTRUCTING THE PIPE UNDERDRAIN CLEANOUTS, PLUGS, AND CONNECTIONS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE PIPE UNDERDRAINS, TYPE 2, 6" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PIPE UNDERDRAIN CLEANOUT DETAIL



COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)

(EQUIVALENT TO M-2.18)



MAILBOX REMOVAL AND REINSTALLATION DETAIL

LAYOUT	BAB	16/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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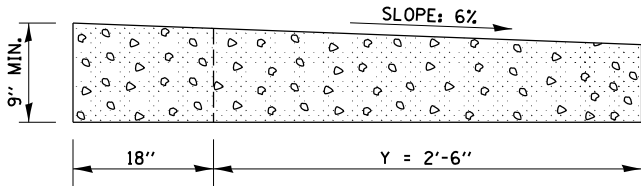
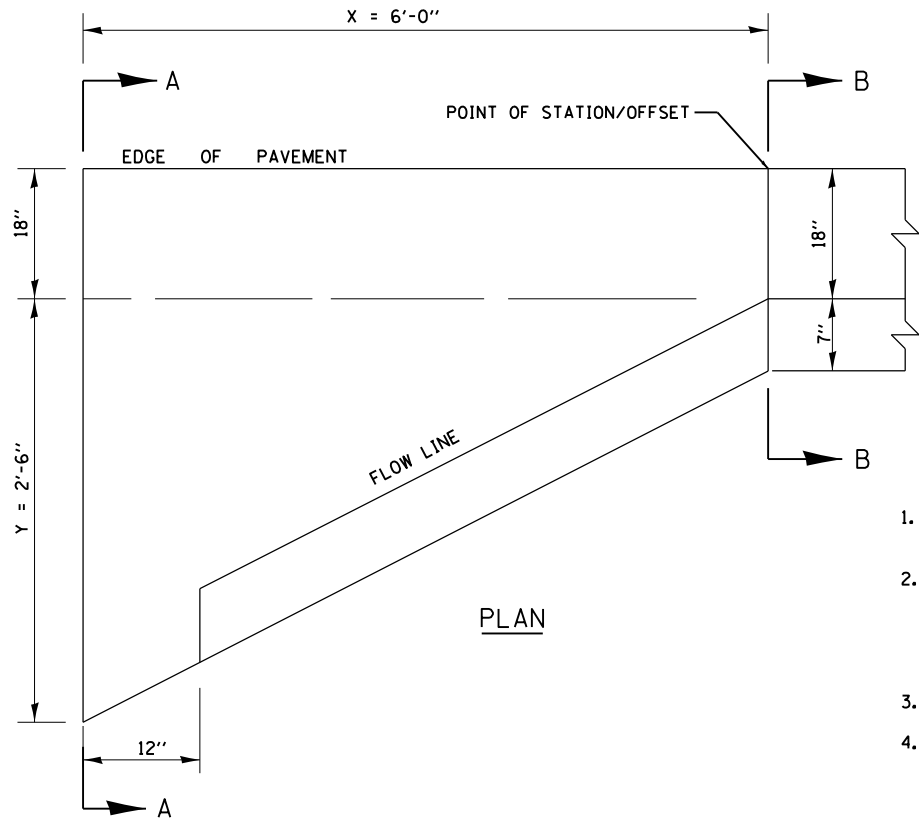
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	PLOT SCALE = 10.0000 ' / 1 in.	CHECKED - MGD	REVISED -
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

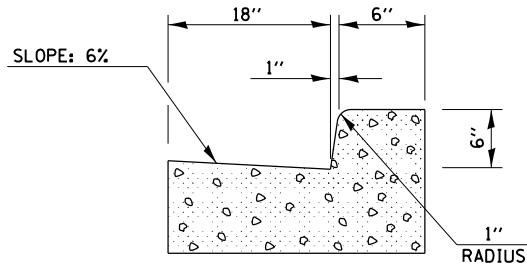
HAMILTON ROAD
MISCELLANEOUS DETAILS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	152
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				



SECTION A-A



SECTION B-B

GENERAL NOTES

1. ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CONCRETE CURB AND GUTTER END OUTLET SPECIAL WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. SEE PLAN SHEETS FOR LOCATIONS.
4. TAPER CURB HEIGHT FROM FULL HEIGHT AT SECTION B-B TO FLUSH AT SECTION A-A AS SHOWN IN THE SECTION VIEWS.

STATION	OFFSET	SIDE	X	Y
210+80.93	17.00'	LT	6'-0"	2'-6"
210+80.93	17.00'	RT	6'-0"	2'-6"
307+80.00	13.50'	LT	6'-0"	2'-6"
307+80.00	13.50'	RT	6'-0"	2'-6"
314+86.00	13.50'	LT	6'-0"	2'-6"
314+86.00	13.50'	RT	6'-0"	2'-6"

CONCRETE CURB AND GUTTER END OUTLET SPECIAL

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

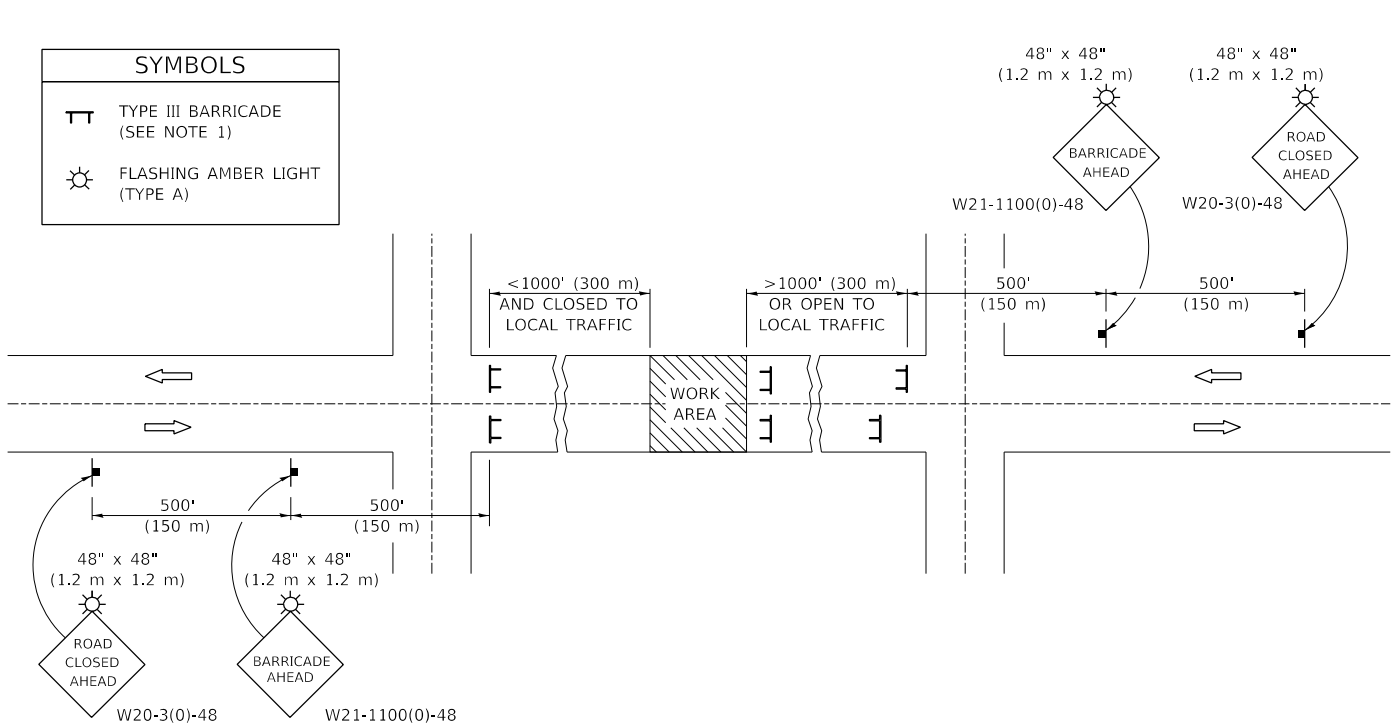
HAMILTON ROAD
MISCELLANEOUS DETAILS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	153
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

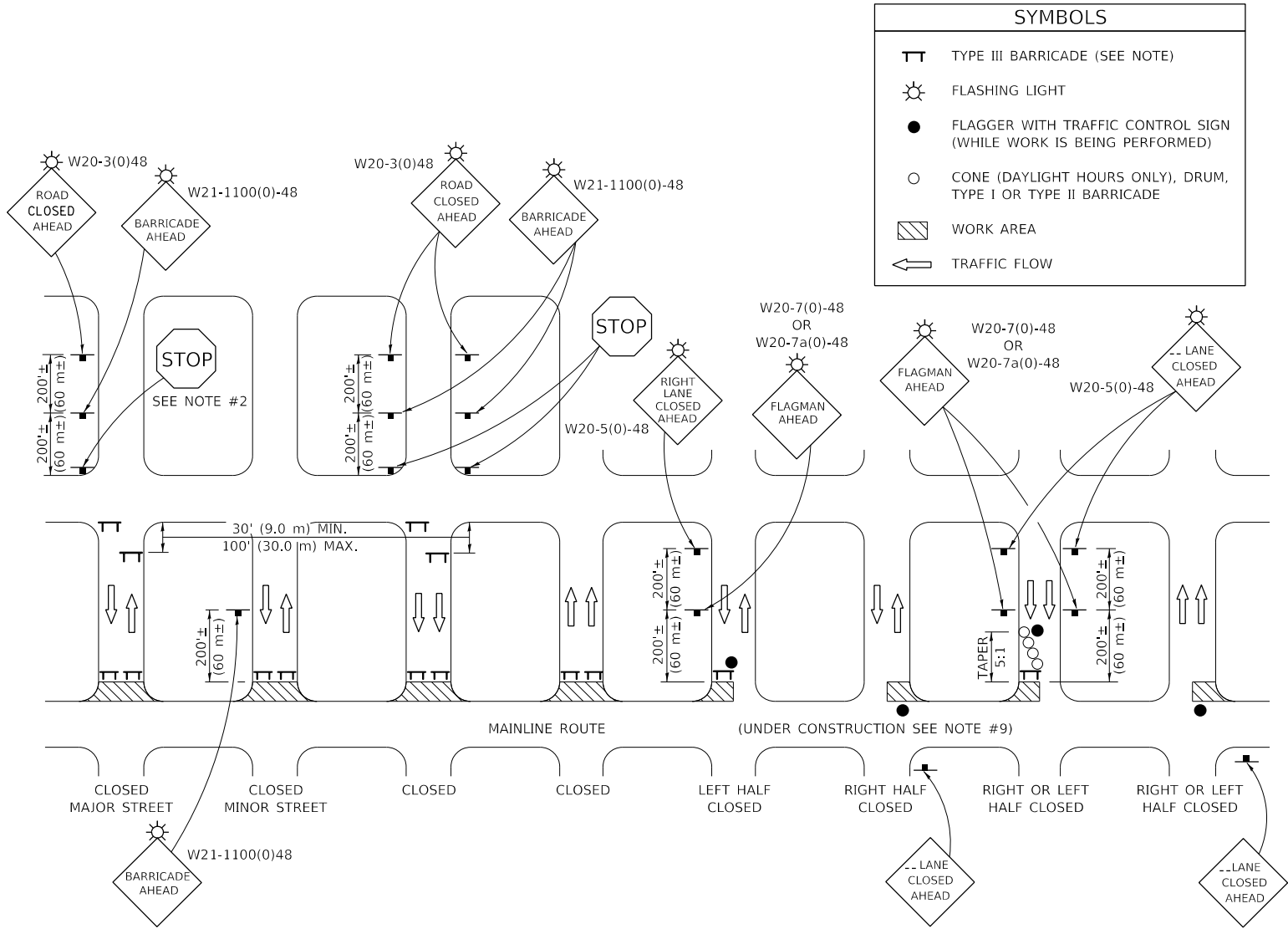
ROAD CLOSURE

SIDEROAD / STREET CLOSURE



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TY III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 70200000

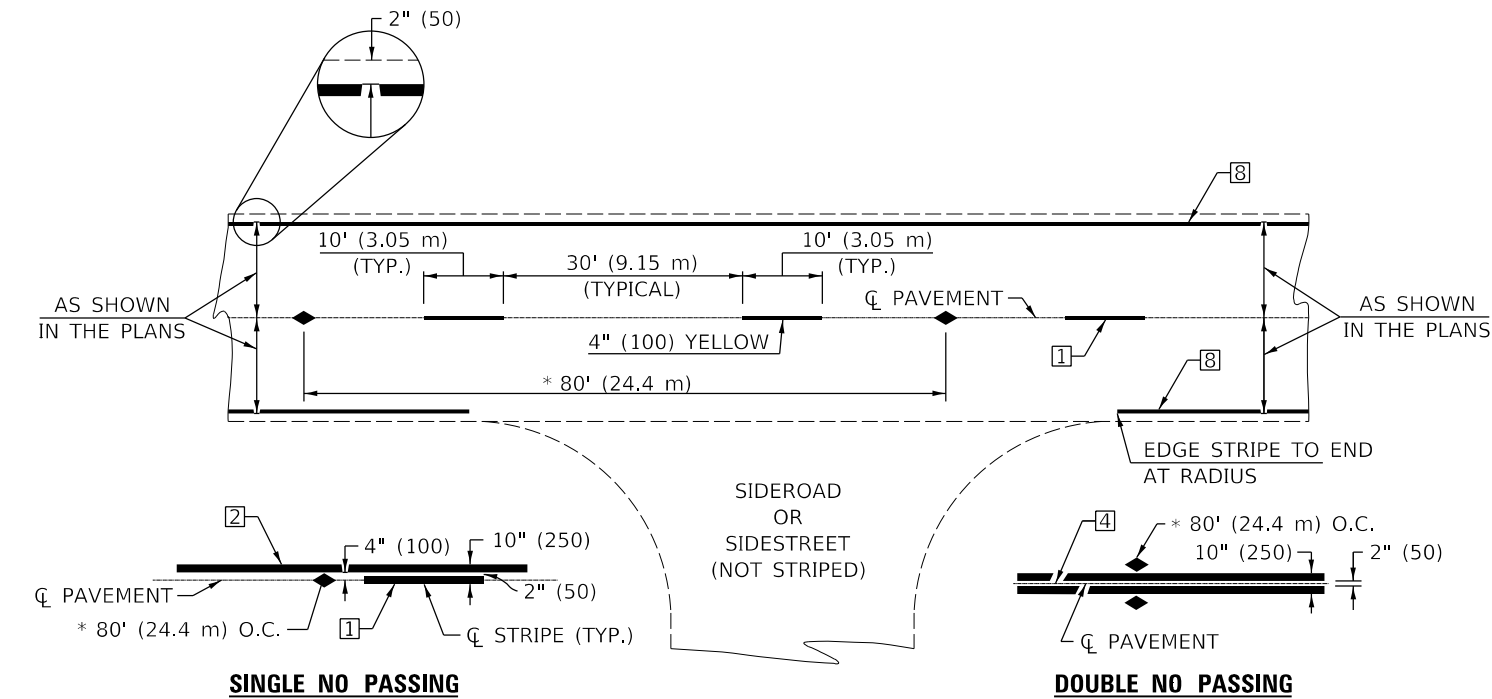
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Default	PLOT DATE = 11/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD /STREET CLOSURES)

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	24-00360-01-PV	McLEAN	192	154
CONTRACT NO.91653				
ILLINOIS FED. AID PROJECT				

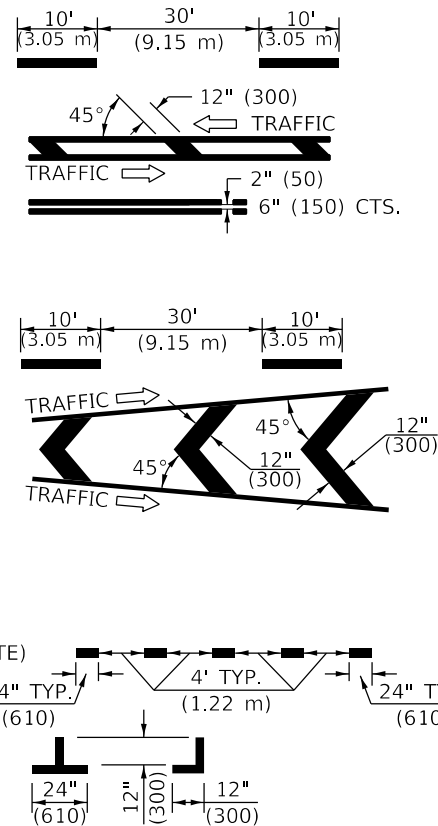


* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

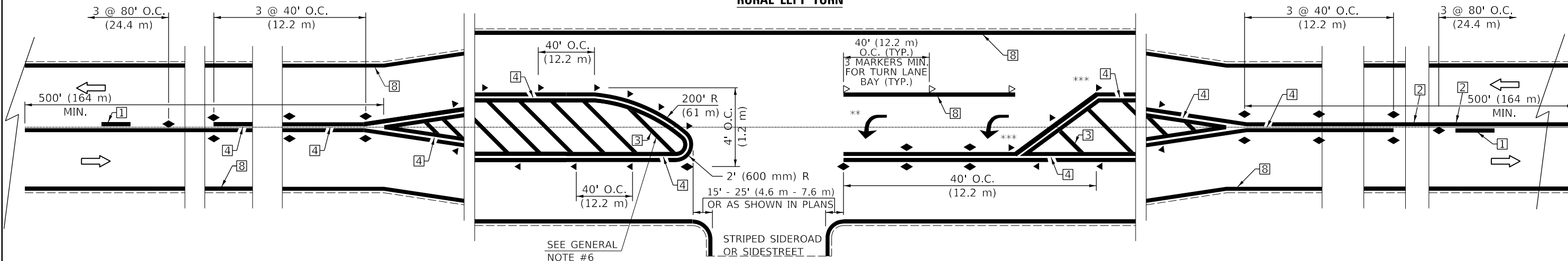
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE



TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN

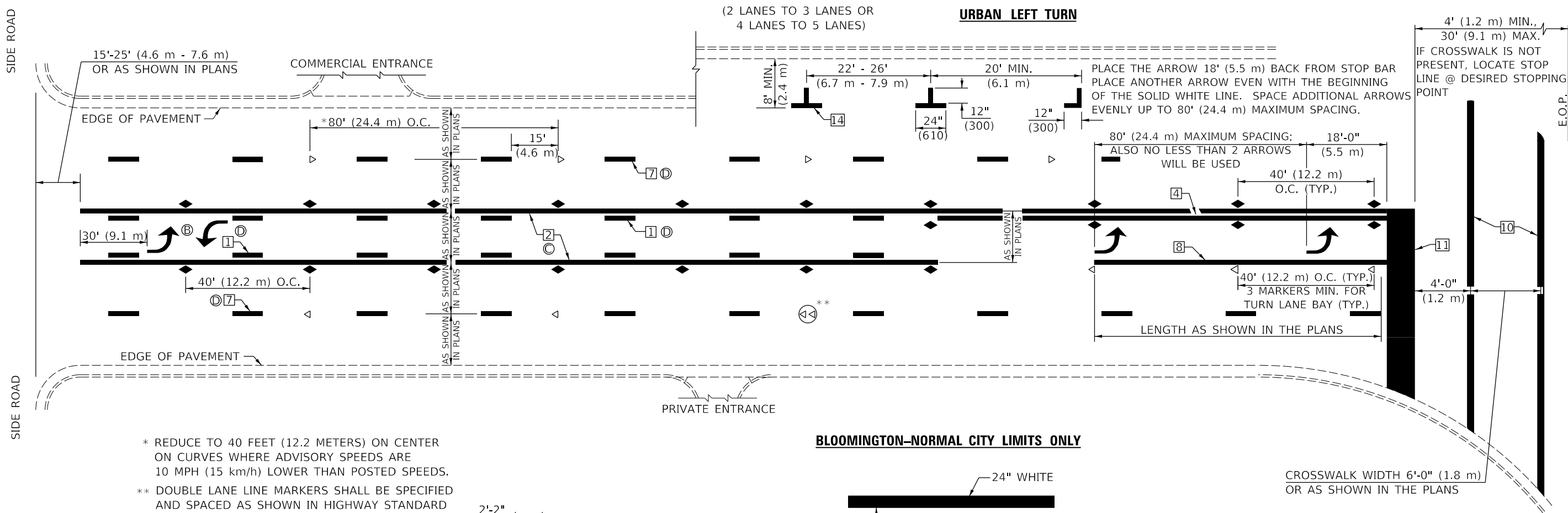


- *** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
- ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = Ander00846	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-standard02.dgn		DRAWN -	REVISED -						6371	24-00360-01-PV	McLEAN	192	155
Default		CHECKED -	REVISED -						CONTRACT NO.91653				
		DATE -	REVISED -		SCALE: N/A	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

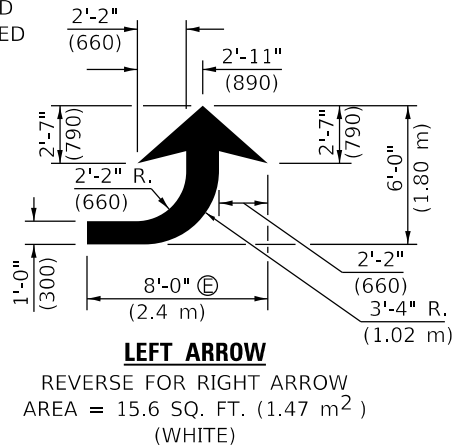


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

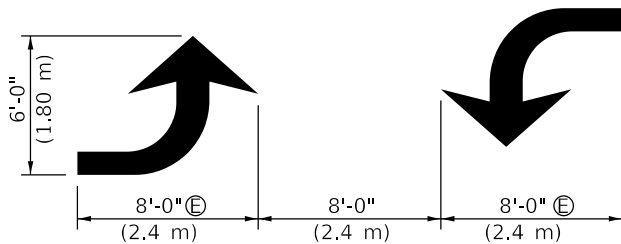
GENERAL NOTES:

- Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- Ⓓ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



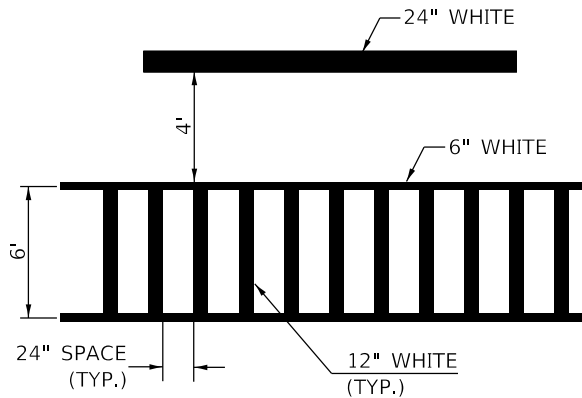
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

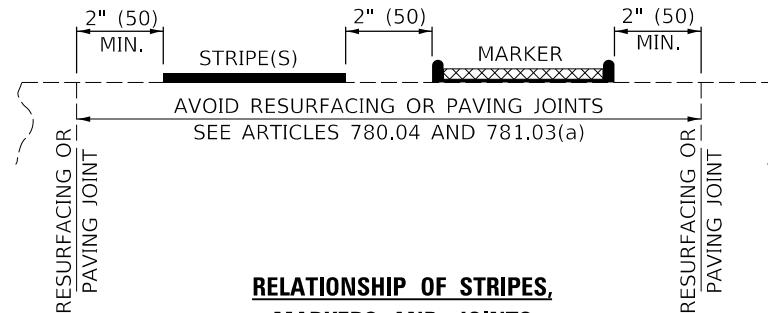


**TYPICAL DOUBLE
TURN ARROWS (WHITE)**

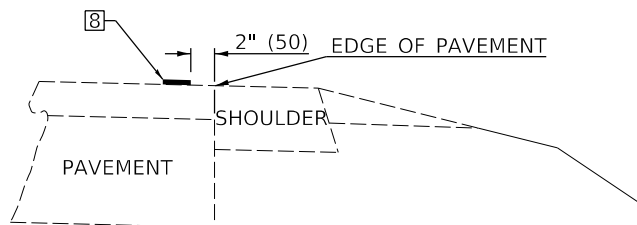
BLOOMINGTON-NORMAL CITY LIMITS ONLY



**TYPICAL SPACING FOR
CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS**



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

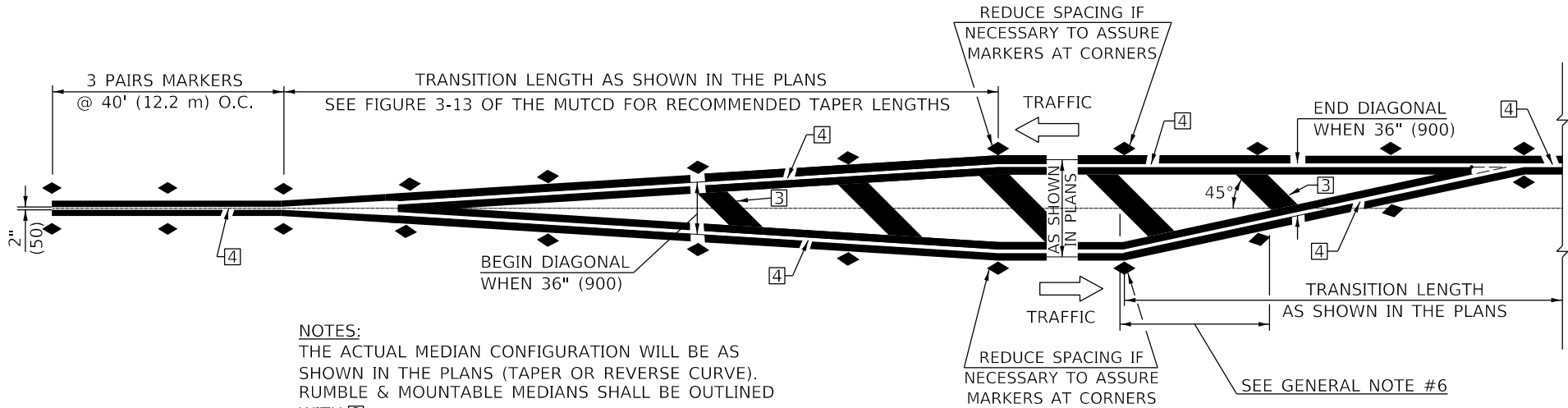
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = Ander00846	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.							
I:\15\Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-standard03.dgn	DRAWN -	REVISED -															
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -															
PLOT DATE = 11/20/2024	DATE -	REVISED -															
Default																	
SCALE: N/A						SHEET OF SHEETS STA. TO STA.						CONTRACT NO.91653					
												ILLINOIS FED. AID PROJECT					

GENERAL NOTES

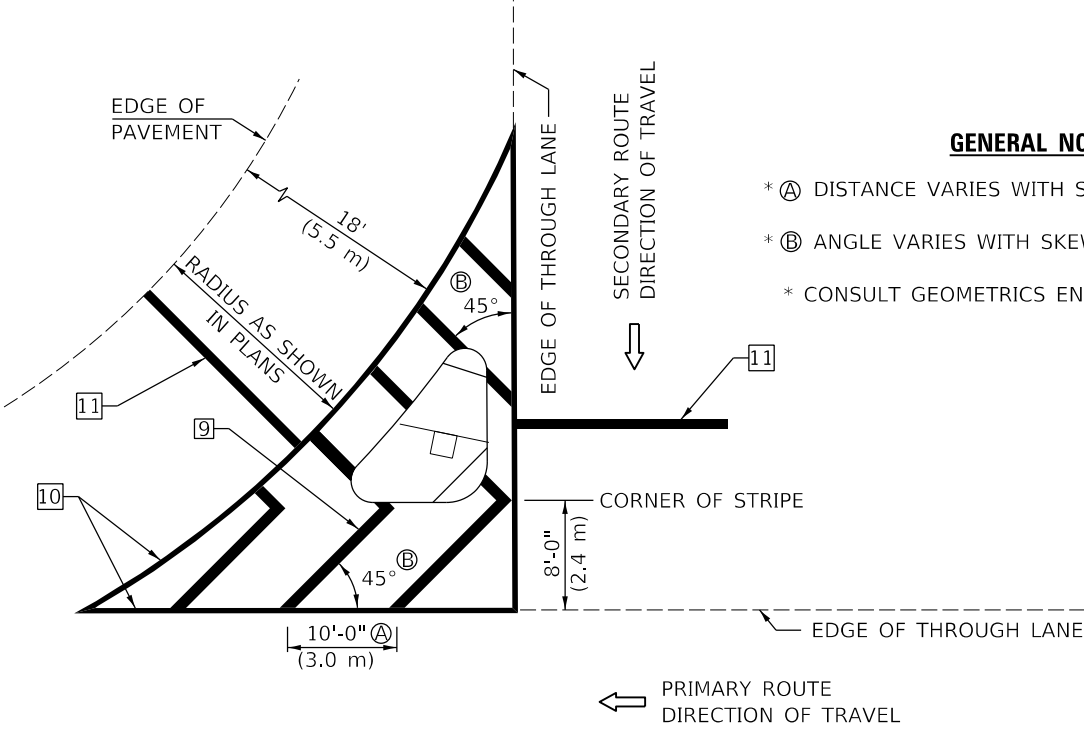
- 1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
- 2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
- 3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
- 4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
- 5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
- 6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
<30 MPH USE 15' (<50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
>45 MPH USE 30' (>75 km/h USE 9.0 m)



TYPICAL MEDIAN TRANSITIONS

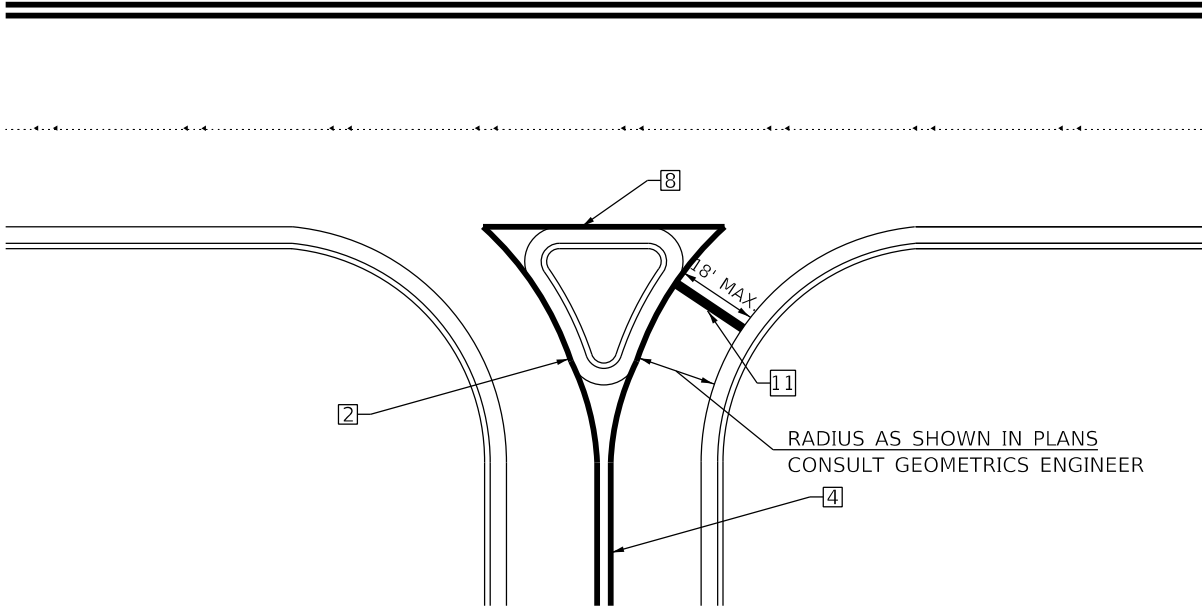
GENERAL NOTES

- * Ⓐ DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * Ⓑ ANGLE VARIES WITH SKEW OF INTERSECTION.
- * CONSULT GEOMETRICS ENGINEER



ISLAND

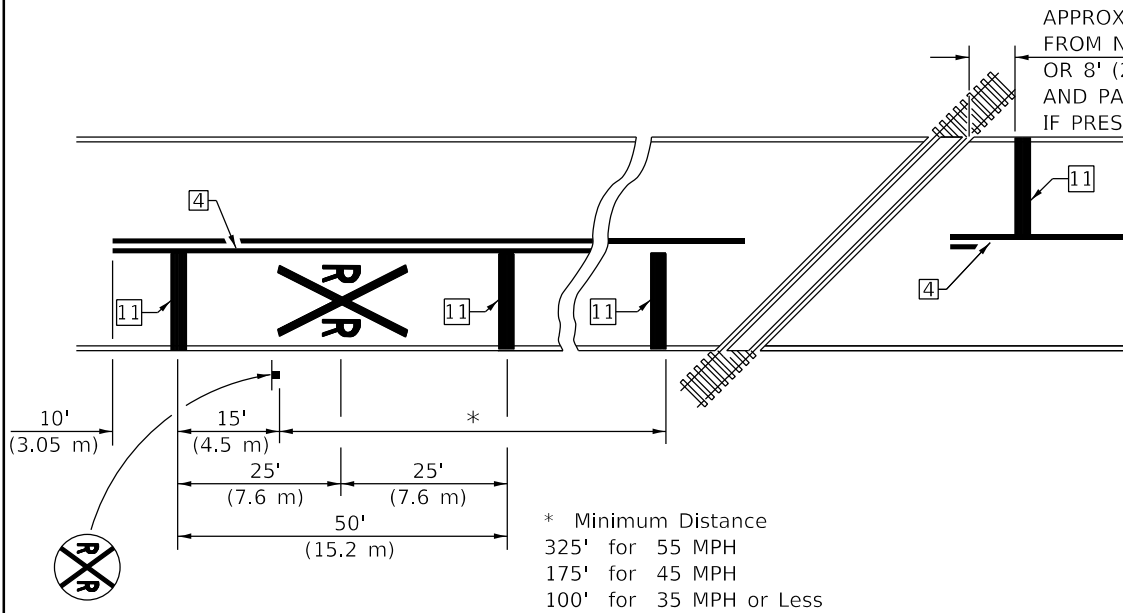
RIGHT IN – RIGHT OUT ACCESS



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

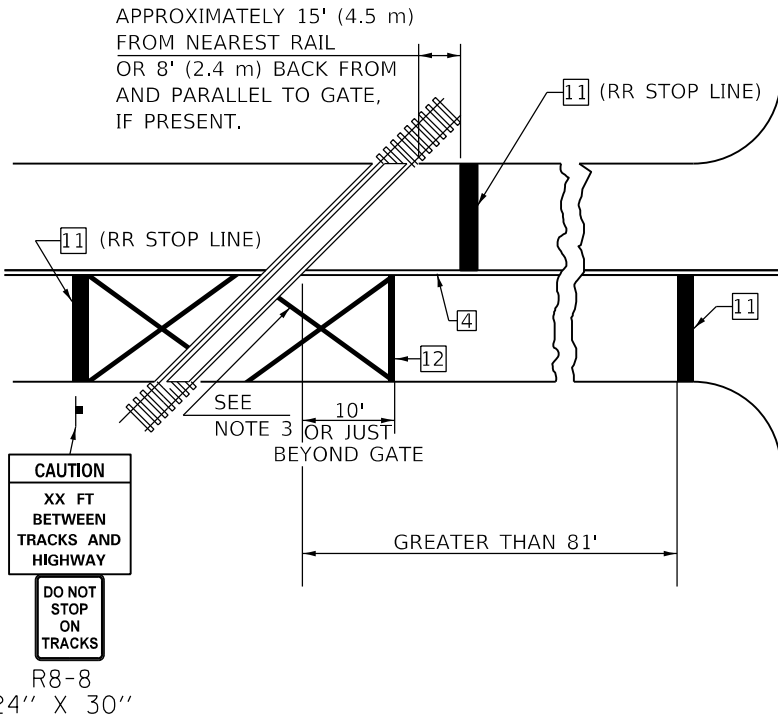
DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = Ander00846	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan\Set 2\shd-standard004.dgn		DRAWN -	REVISED -		6371	24-00360-01-PV	McLEAN	192	157				
PLOT SCALE = 40.0000 ' / in.		CHECKED -	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/20/2024	DATE -	REVISED -		SCALE: N/A	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



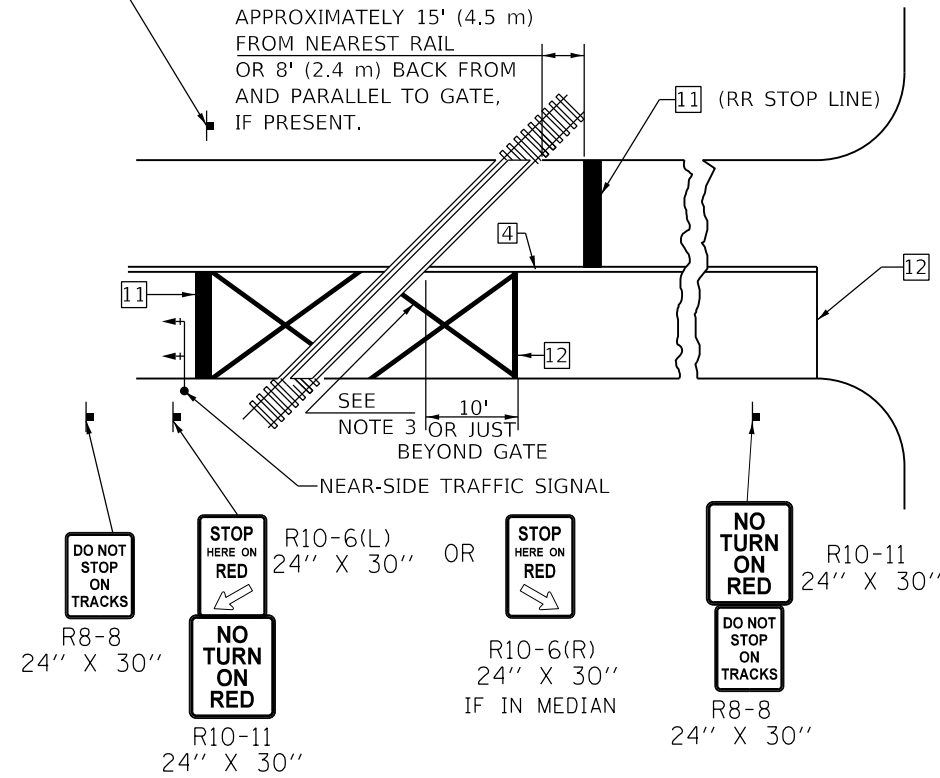
PAVEMENT MARKINGS AT
RAILROAD-HIGHWAY GRADE CROSSING

RAILROAD CROSSING WITH INTERCONNECT ONLY



ONLY IF SIGNAL HEAD
CANNOT BE LOCATED
IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT
AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR
RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

THE TRAVERSE SPREAD OF THE "X"
MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES
SHALL EXTEND ACROSS ALL APPROACH
LANES AND SEPARATE RXR SYMBOLS SHALL
BE PLACED ADJACENT TO EACH OTHER IN
EACH LANE.

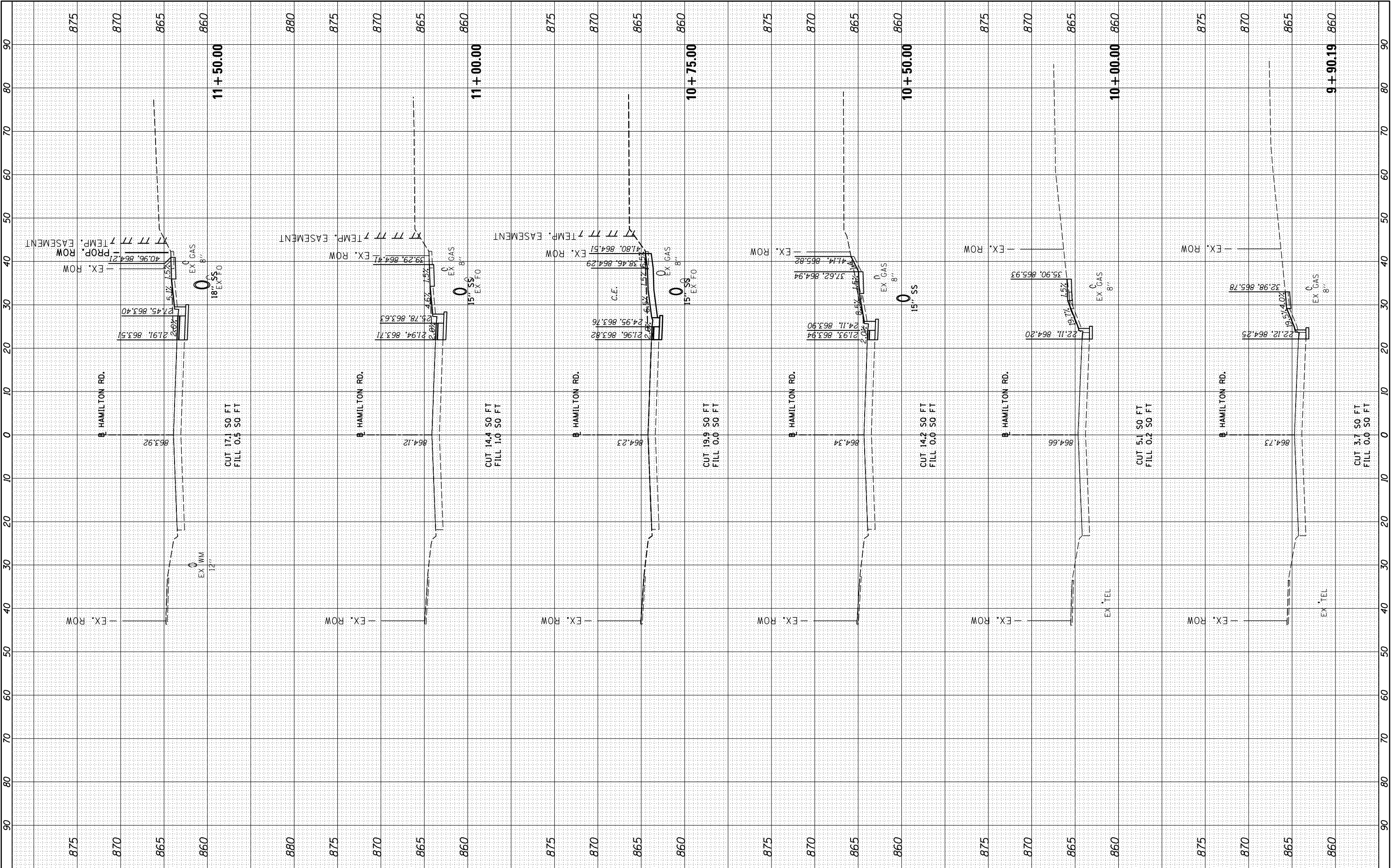
WHEN THE PAVEMENT MARKING SYMBOL
IS USED, A PORTION OF THE SYMBOL
SHOULD BE LOCATED DIRECTLY ADJACENT
TO THE ADVANCE WARNING SIGN (W10-1)
AS PLACED BY TABLE II-1, CONDITION B
OF THE MUTCD.

Note: All dimensions are in INCHES
(millimeters) unless otherwise shown.

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



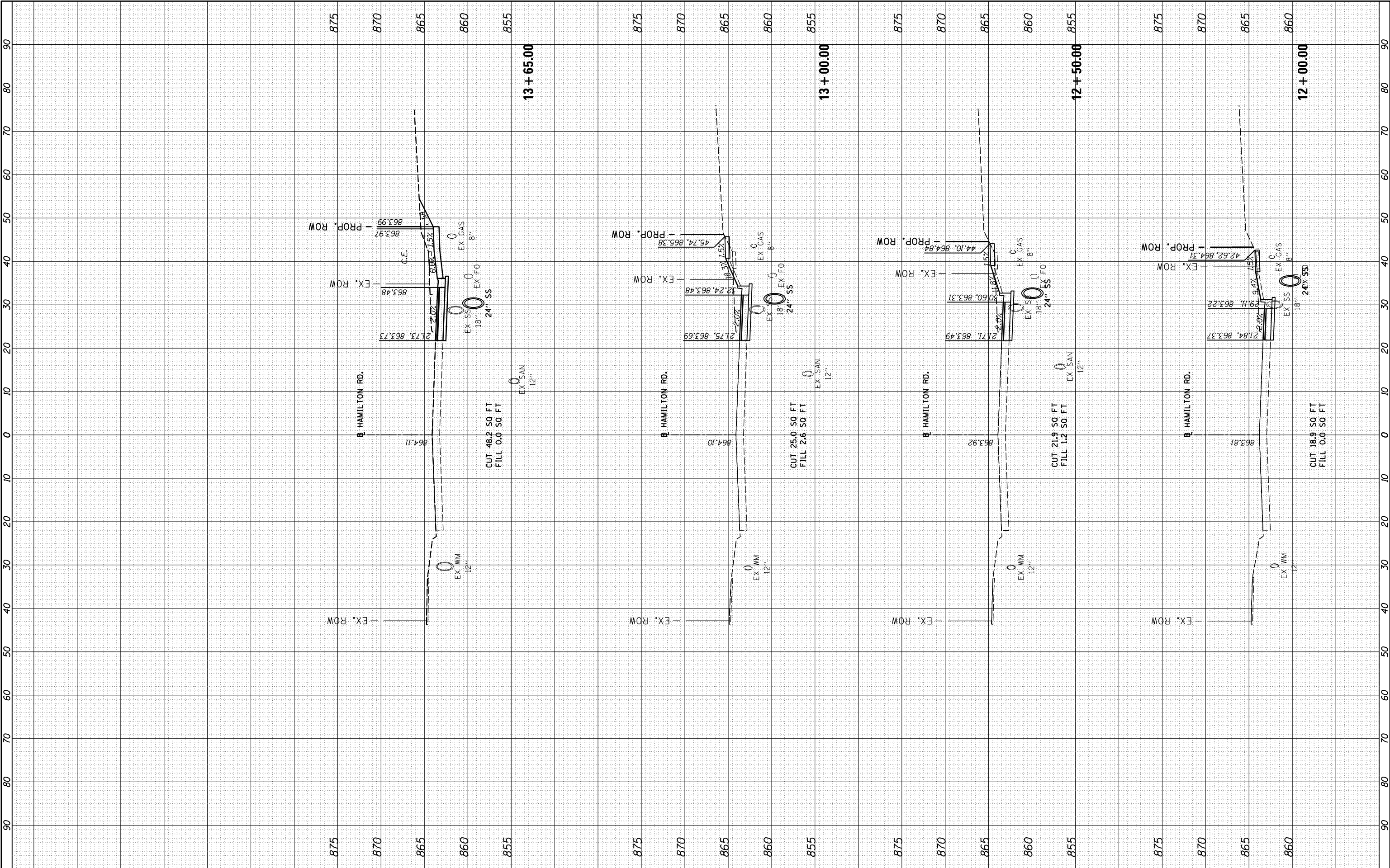
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	PLOT DATE = 11/20/2024	DATE -	11/21/2024	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			HAMILTON ROAD CROSS SECTIONS		F.A.U. RTE. 6371	SECTION 24-00360-01-PV	COUNTY McLEAN	TOTAL SHEETS 192	SHEET NO. 159
SCALE: 1"=10'			SHEET OF SHEETS		STA. 9+90.19 TO STA. 11+50.00		ILLINOIS FED. AID PROJECT CONTRACT NO. 91653		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

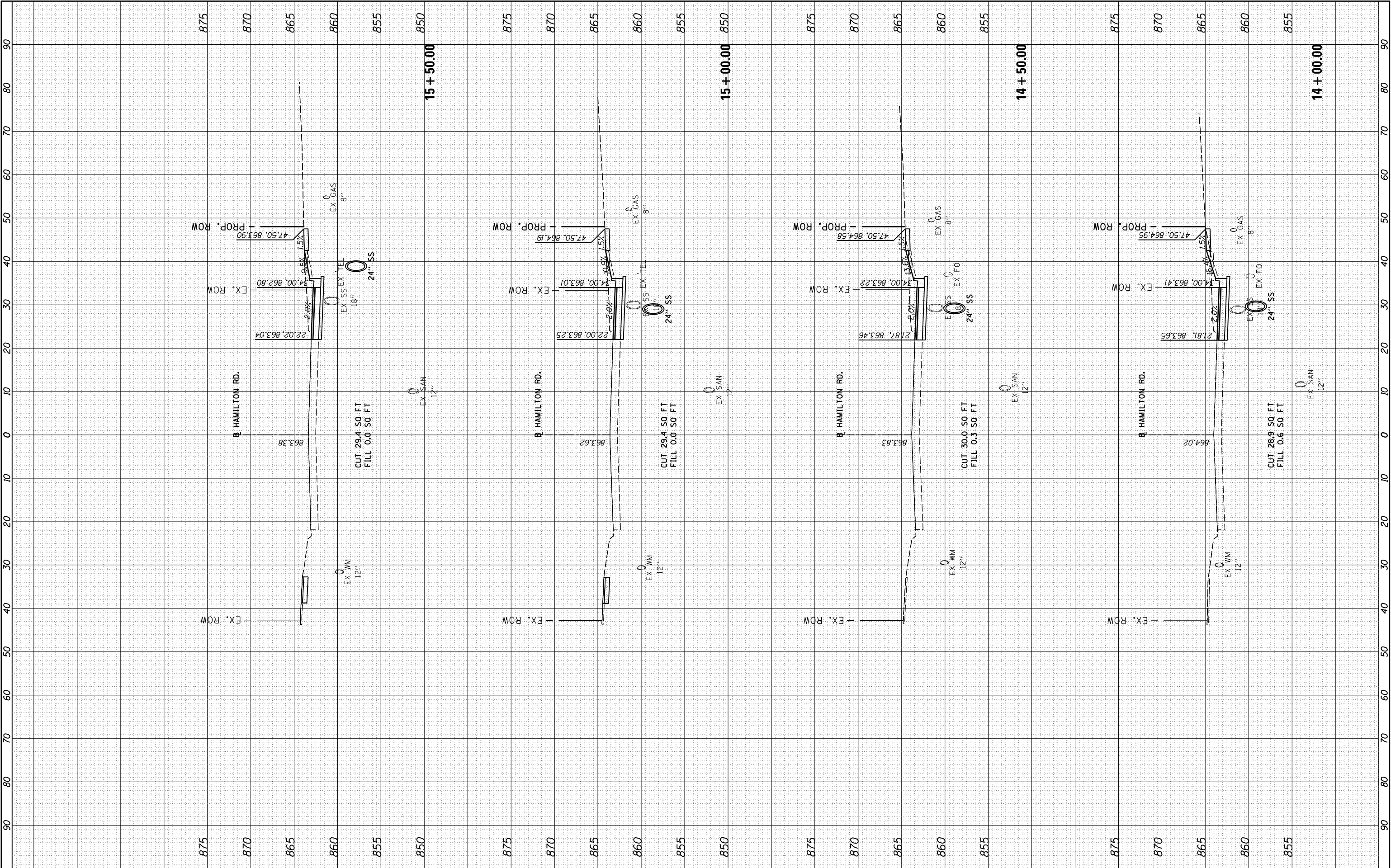


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	PLOT DATE = 11/20/2024	DATE -	11/21/2024	REVISED -	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					
HAMILTON ROAD CROSS SECTIONS					
SCALE: 1"=10'		SHEET OF SHEETS		STA. 12+00.00 TO STA.13+50.00	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
6371	24-00360-01-PV	McLEAN	192	160	
CONTRACT NO.91653					
ILLINOIS FED. AID PROJECT					

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

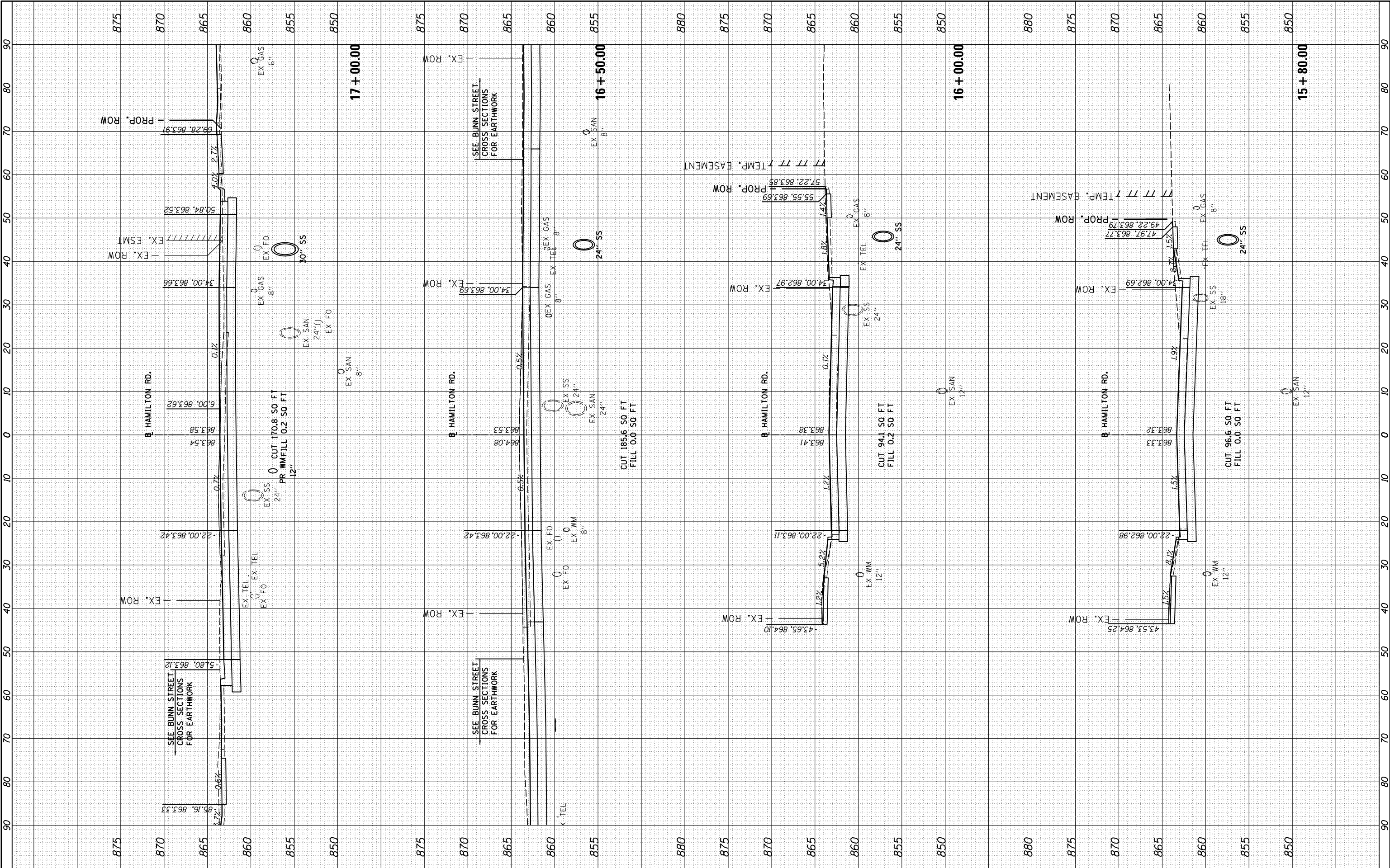


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Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 14+00.00	TO STA. 15+50.00				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT DRAWN REVIEWED	BAB	6/12/2020
	RLA	6/13/19
	MGD	7/10/2024

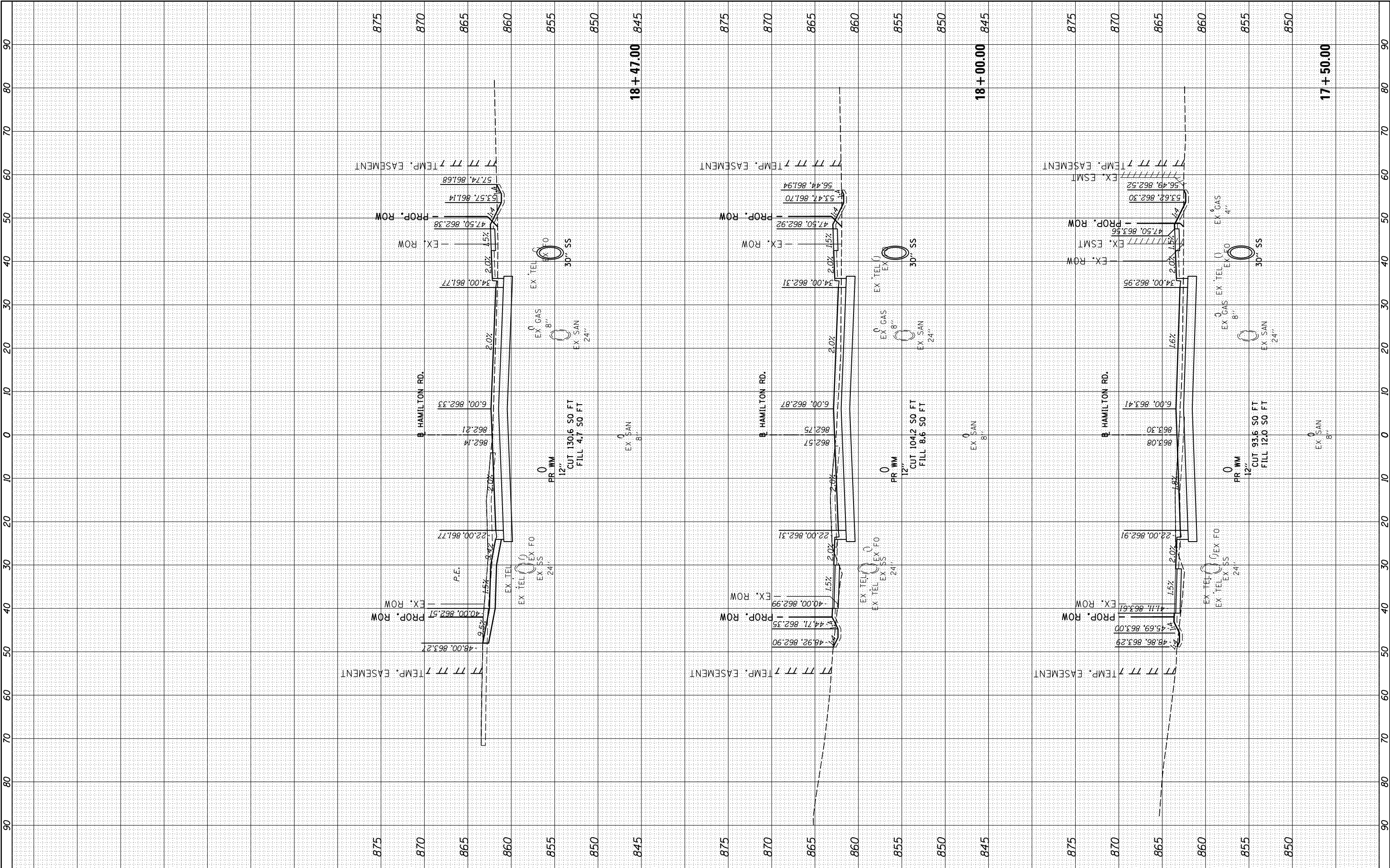


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		CHECKED - MGD	REVISED -						ILLINOIS FED. AID PROJECT				
		DATE - 11/21/2024	REVISED -										

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

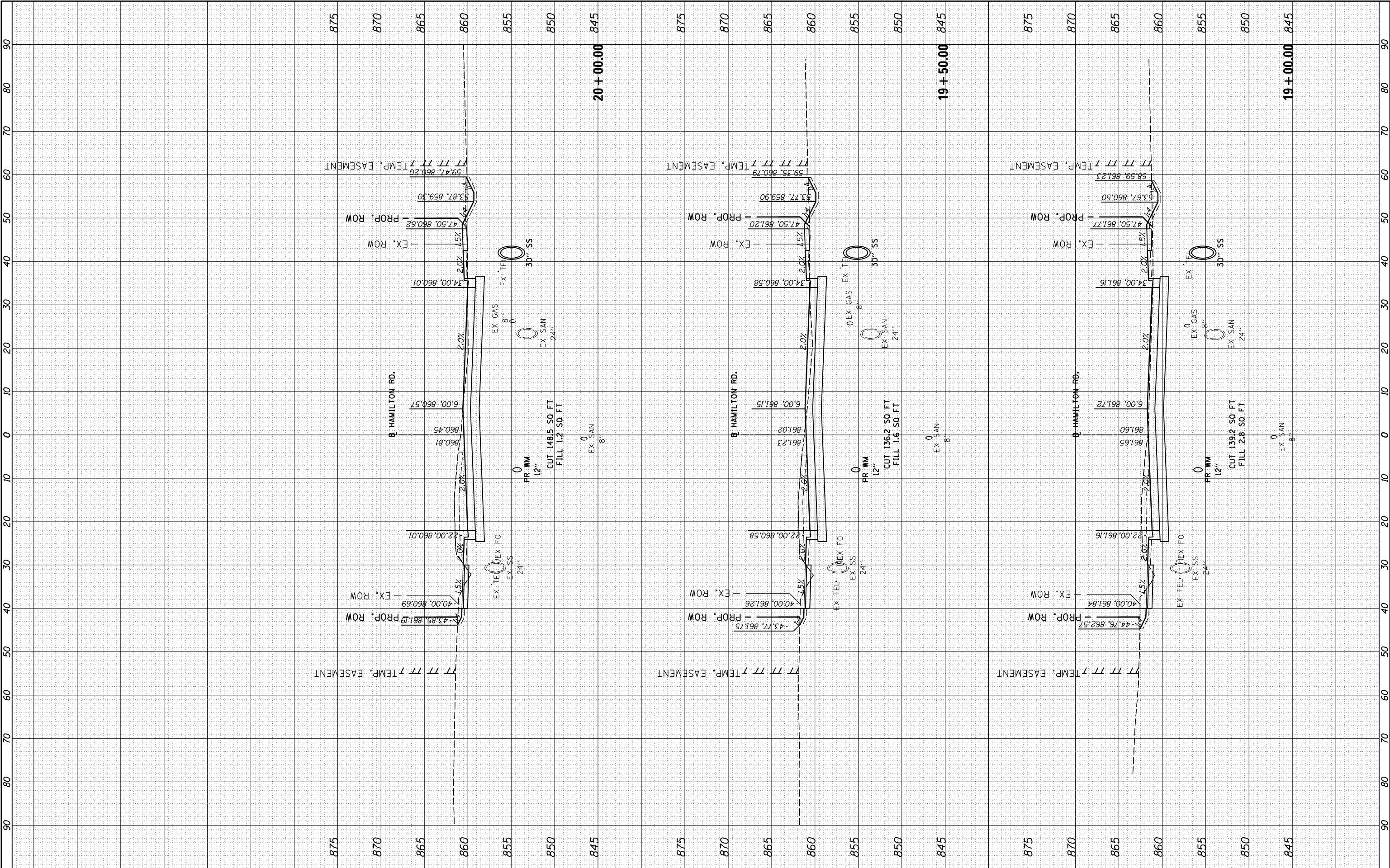


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	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
Default													
				SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 17+50.00	TO	STA.18+47.00			

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

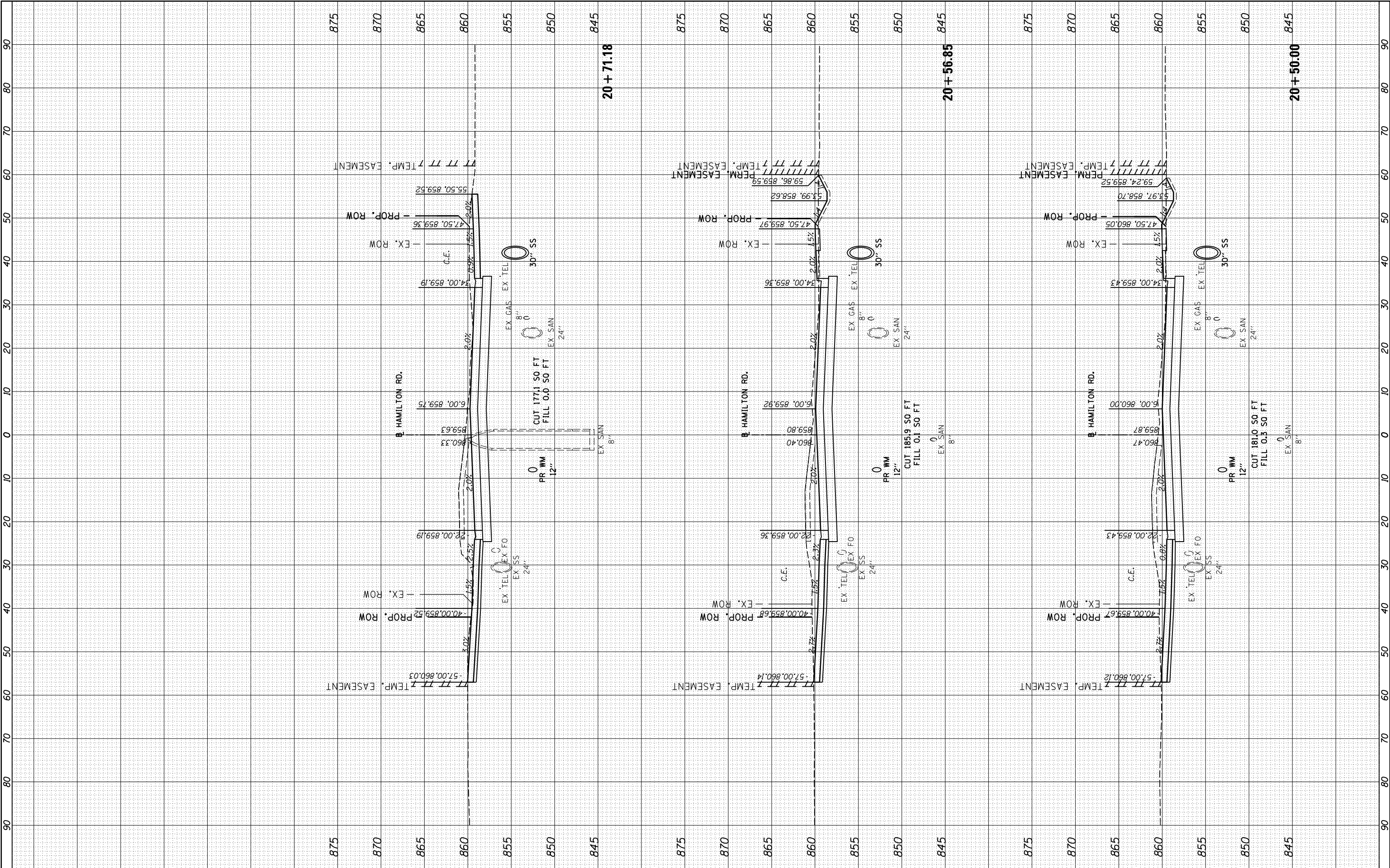


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					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 19+00.00	TO STA. 20+00.00			

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

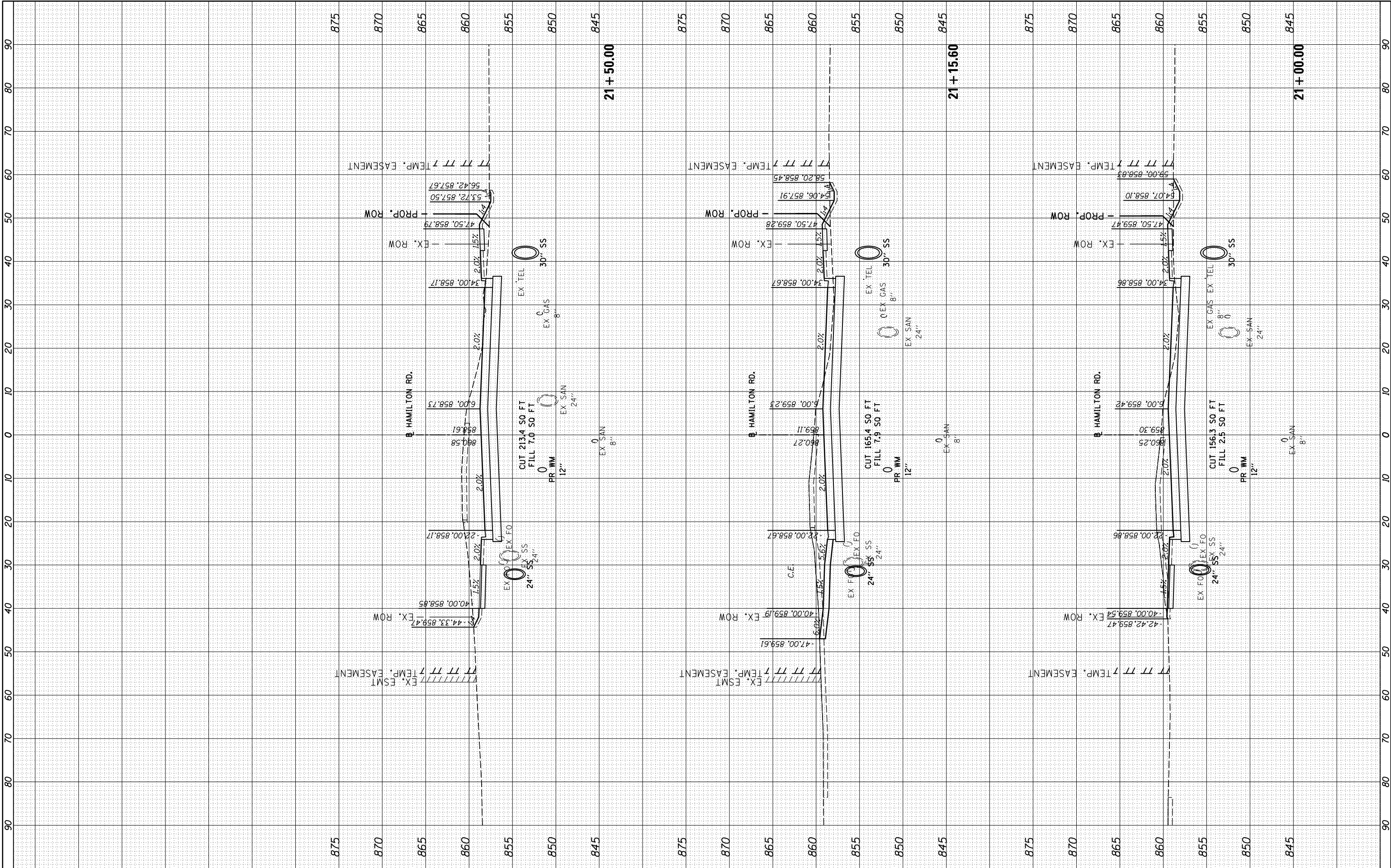


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PLOT DATE = 11/20/2024		DATE -	11/21/2024	REVISED -	
Default					
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					
HAMILTON ROAD CROSS SECTIONS					
SCALE: 1"=10'					
SHEET OF SHEETS					
STA. 20+50.00 TO STA. 20+71.18					
F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.					
6371 24-00360-01-PV McLEAN 192 165					
CONTRACT NO.91653					
ILLINOIS FED. AID PROJECT					

FINAL SURVEY	SURVEYED _____ PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____	BY _____	DATE _____
NOTE BOOK			
NO. _____			

ORIGINAL SURVEY		BY		DATE
NOTE BOOK		SURVEYED		
		PLOTTED		
		TEMPLATE		
		AREAS		
NO.		AREAS	CHECKED	

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

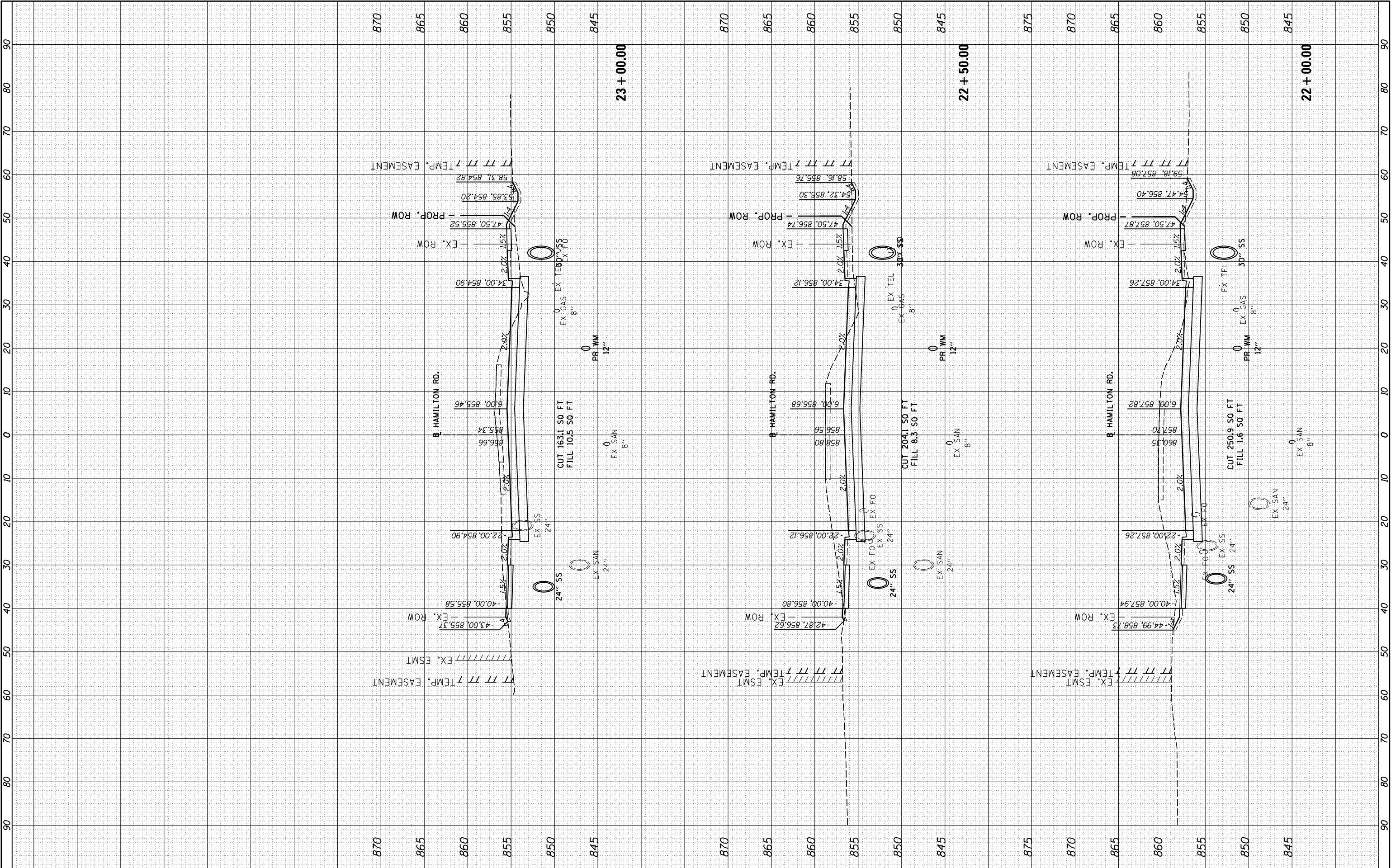


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default								ILLINOIS FED. AID PROJECT					

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

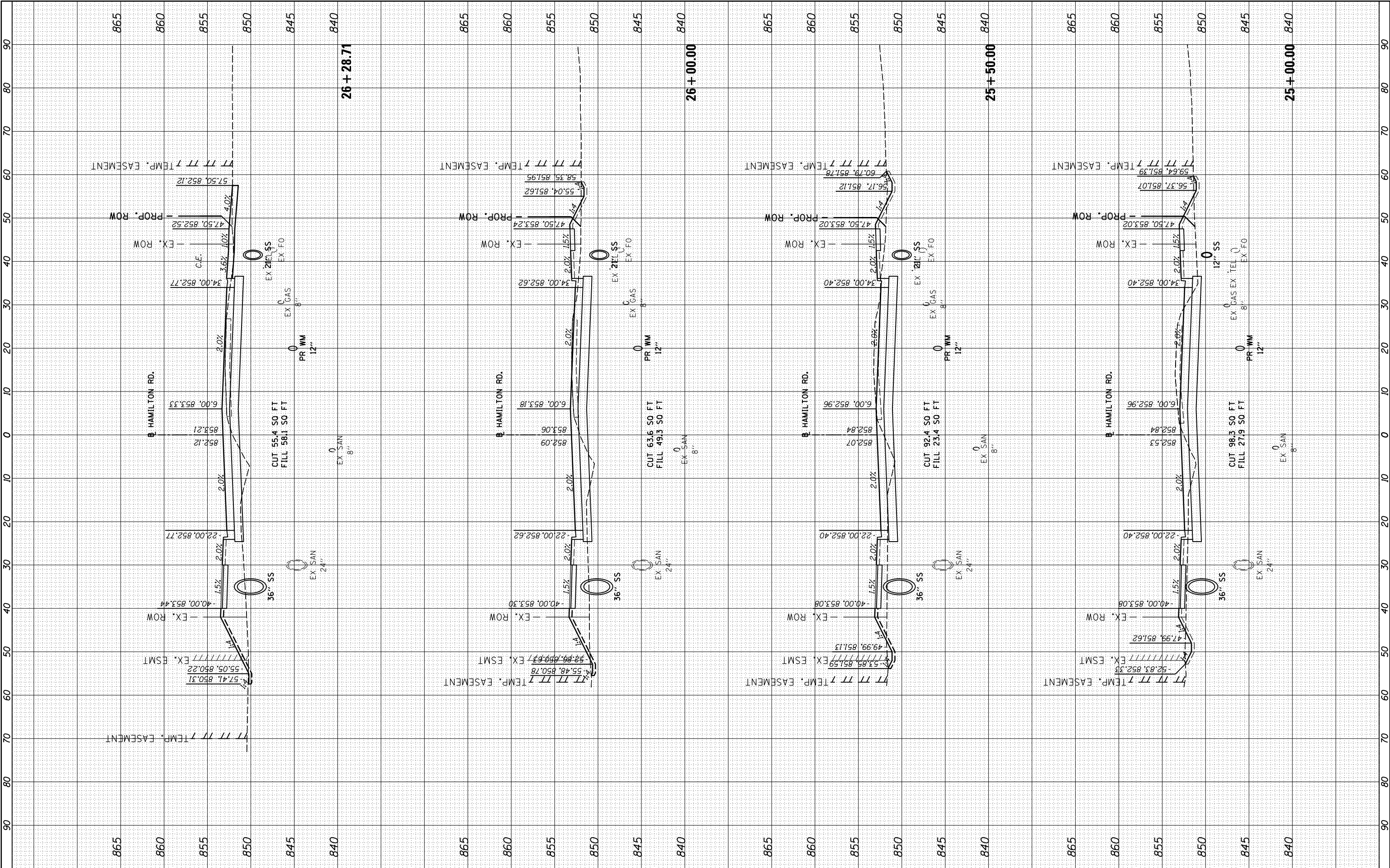


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I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn	DRAWN - RLA	REVISED -	6371						24-00360-01-PV	McLEAN	192	167	
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PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -	ILLINOIS FED. AID PROJECT										
Default			SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 22+00.00	TO STA. 23+00.00					

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

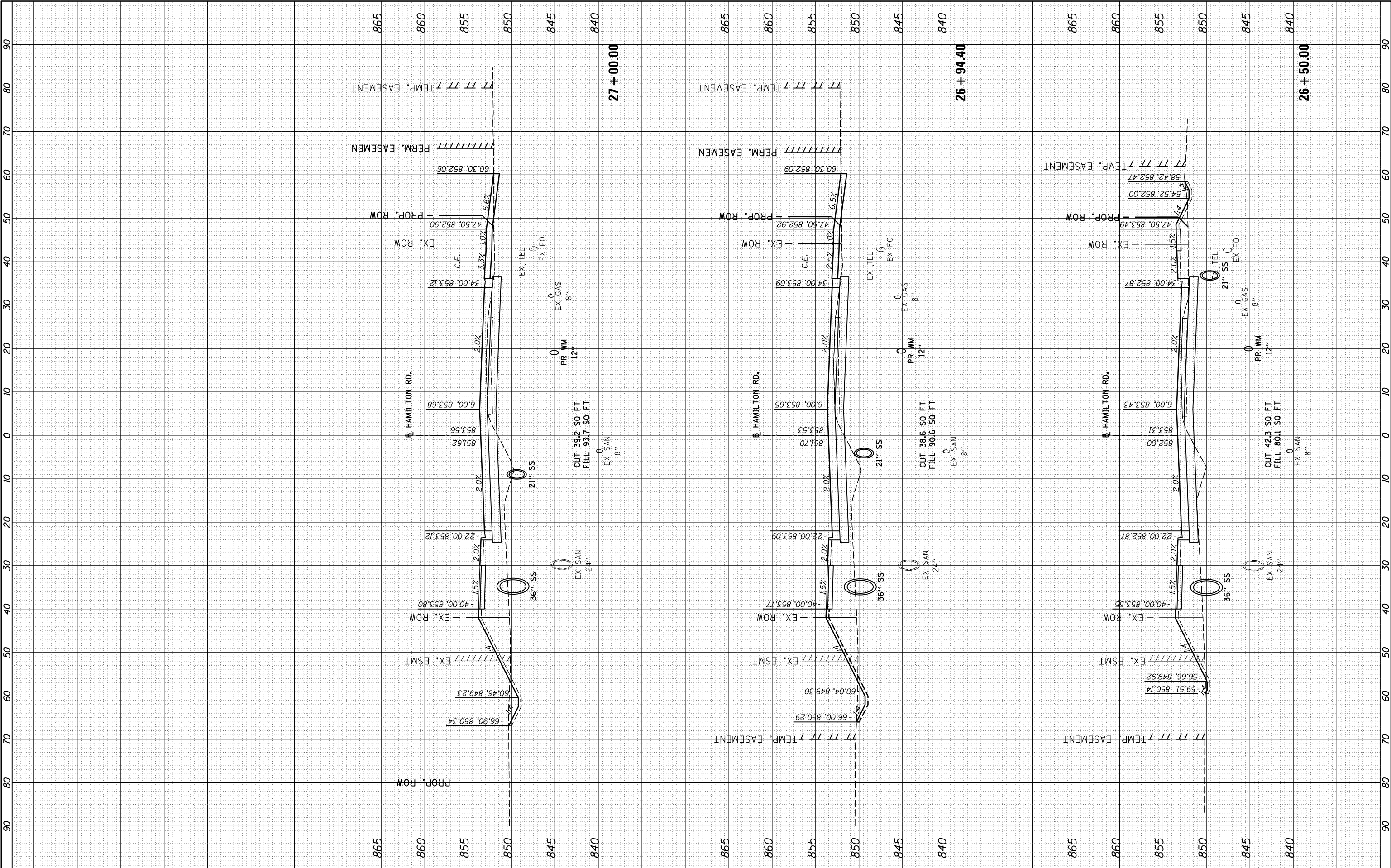


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	169				
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Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 25+00.00	TO	STA. 26+28.71		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

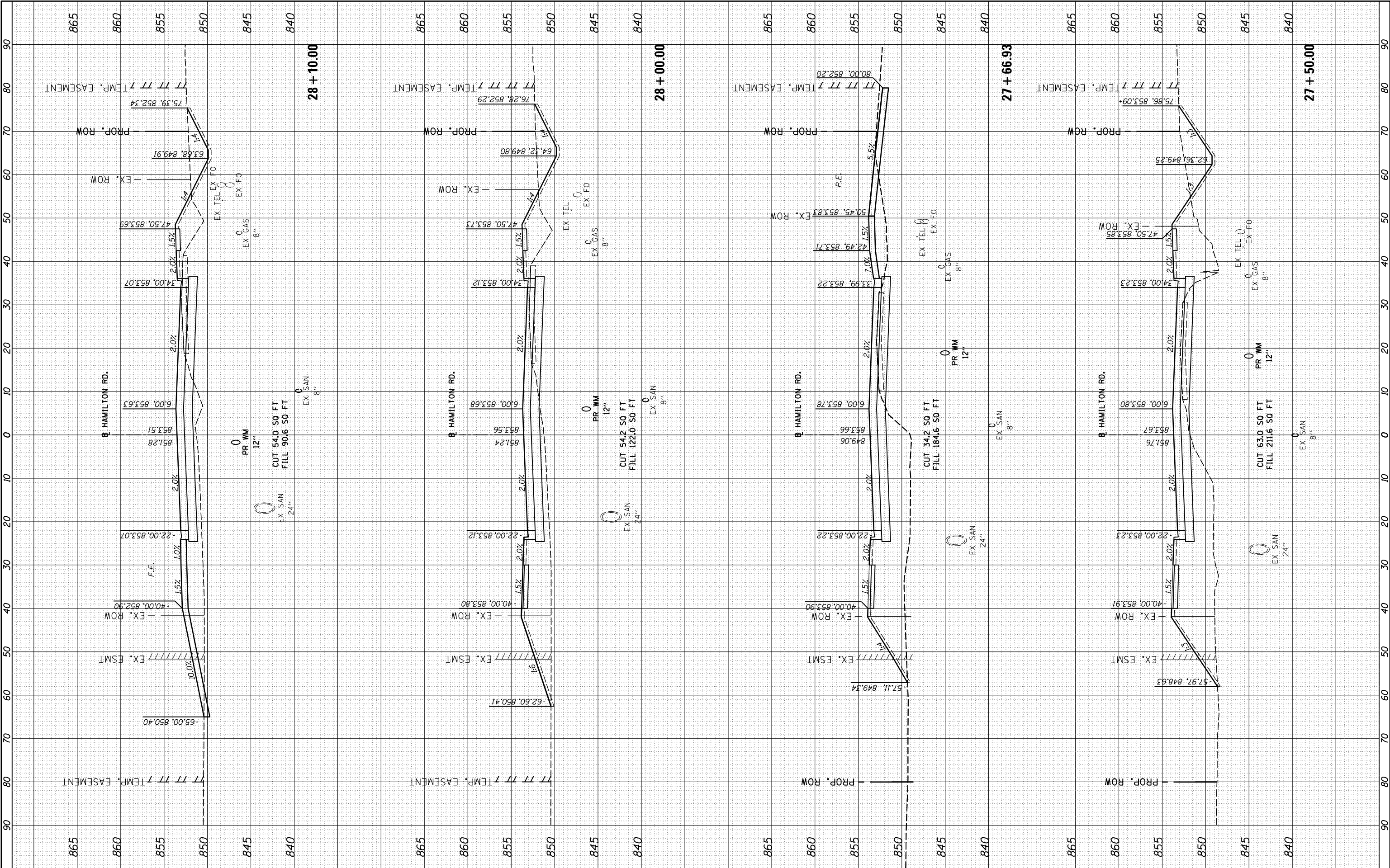


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn	DRAWN - RLA	REVISED -	6371						24-00360-01-PV	McLEAN	192	170	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -	CONTRACT NO.91653										
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
SCALE: 1"=10'					SHEET	OF	SHEETS	STA. 26+50.00	TO STA. 27+42.54				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT DRAWN REVIEWED	BAB RLA MGD	6/12/2020 6/13/19 7/10/2024

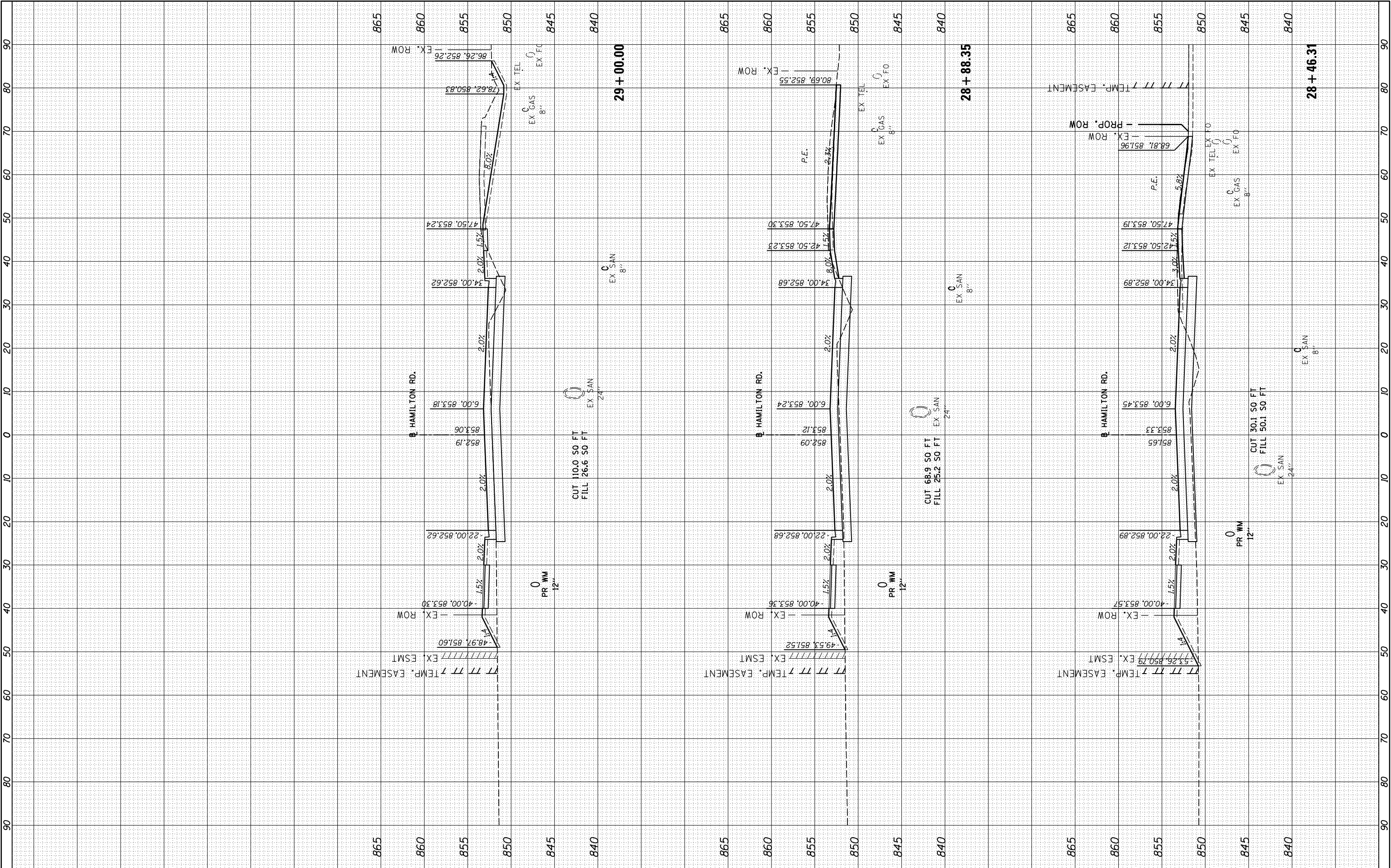


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PLOT SCALE = 20.0000' / in.	PLOT DATE = 11/20/2024	DRAWN - RLA	REVISED -						CONTRACT NO.91653				
		CHECKED - MGD	REVISED -						ILLINOIS FED. AID PROJECT				
		DATE - 11/21/2024	REVISED -										

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

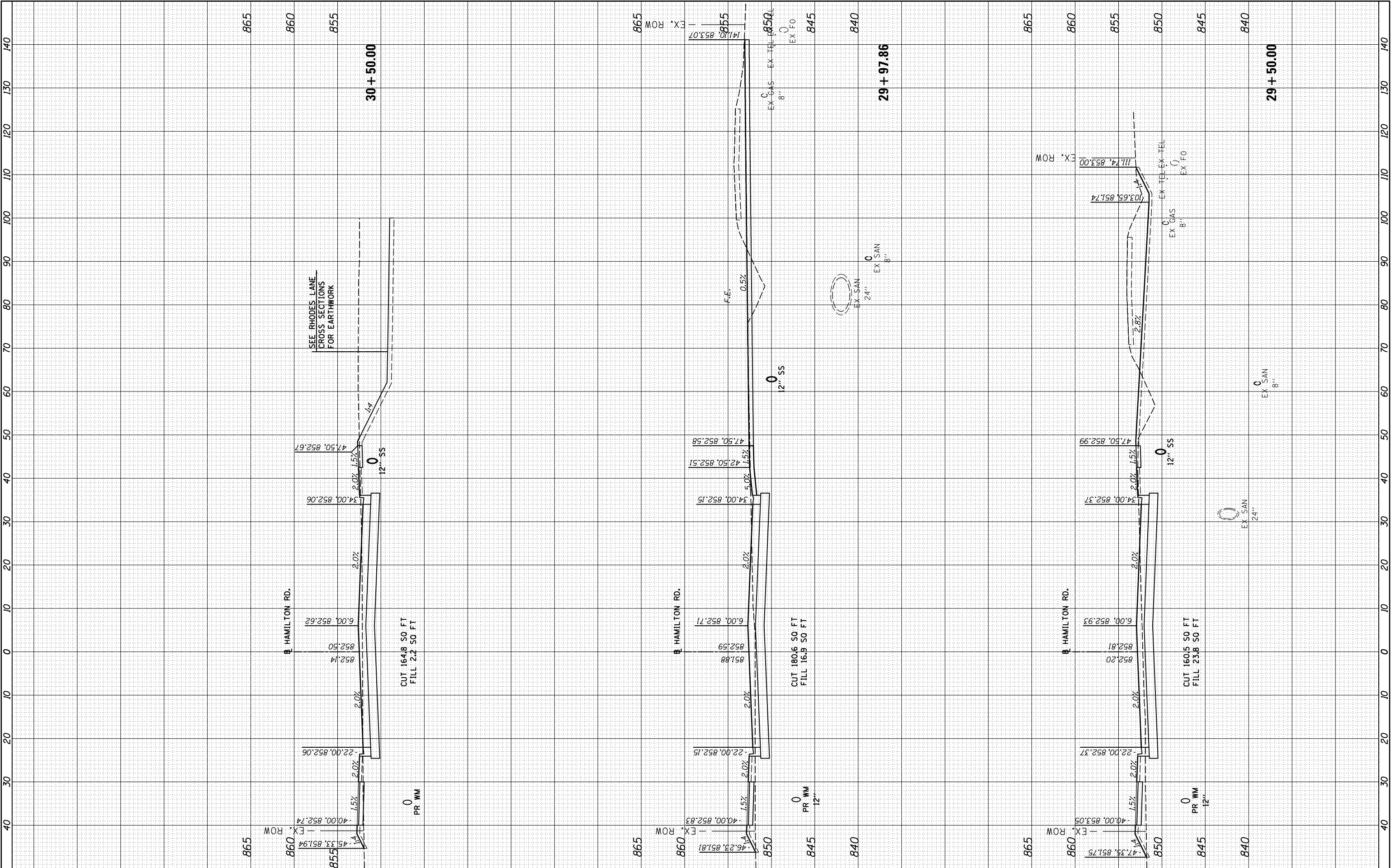


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh1-xsec-HAM.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	172				
	PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -										
					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 28+46.31	TO STA. 29+00.00	ILLINOIS FED. AID PROJECT		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



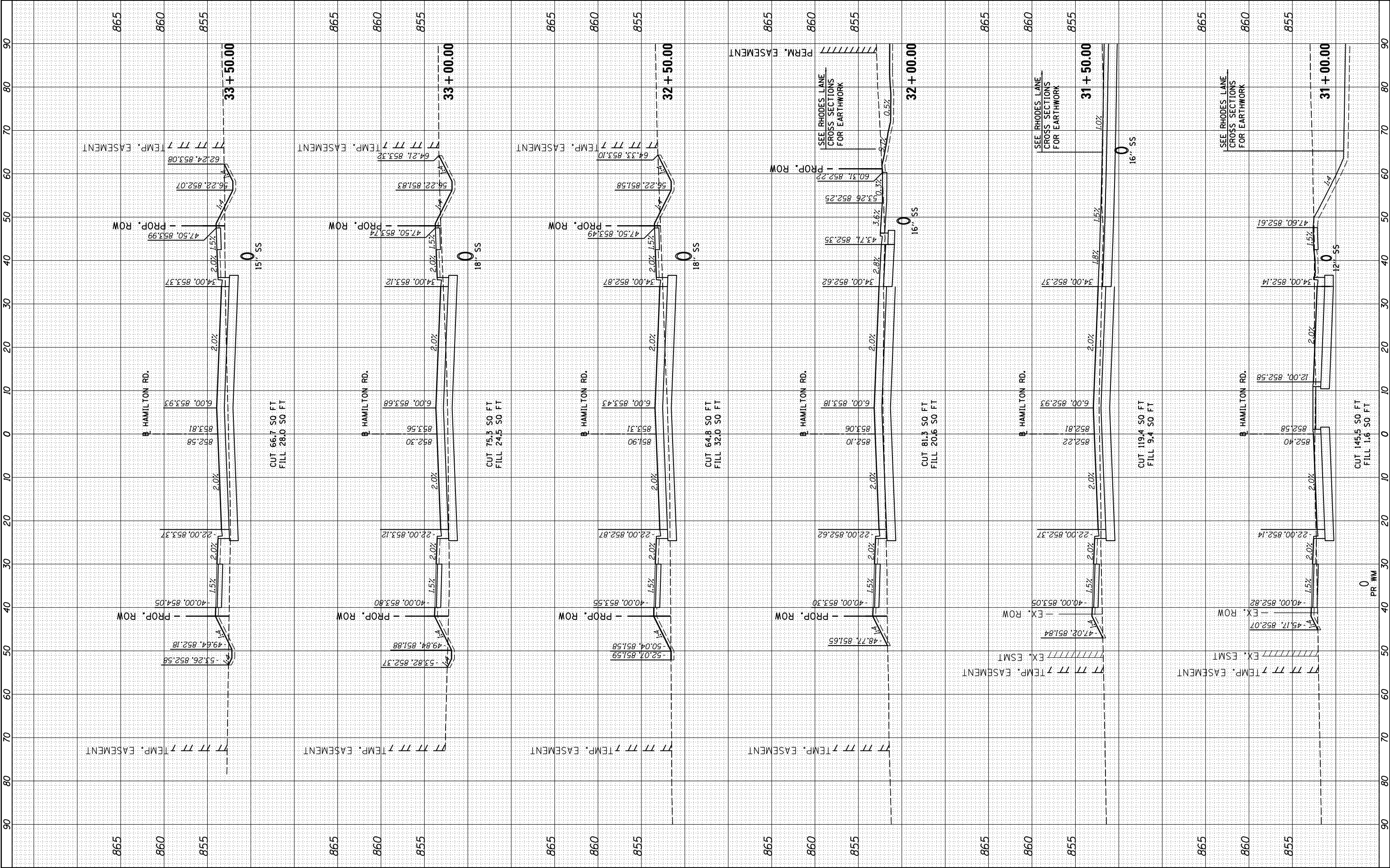
FILE NAME =	USER NAME = Ander00846	DESIGNED -	BAB	REVISED -	
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Default	PLOT SCALE = 20.0000' / 1" in.	CHECKED -	MGD	REVISED -	
	PLOT DATE = 11/20/2024	DATE -	11/21/2024	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		HAMILTON ROAD CROSS SECTIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SCALE: 1"=10'		6371	24-00360-01-PV	McLEAN	192	173
		SHEET OF SHEETS		30+5000 STA.		CONTRACT NO.91653		
				ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

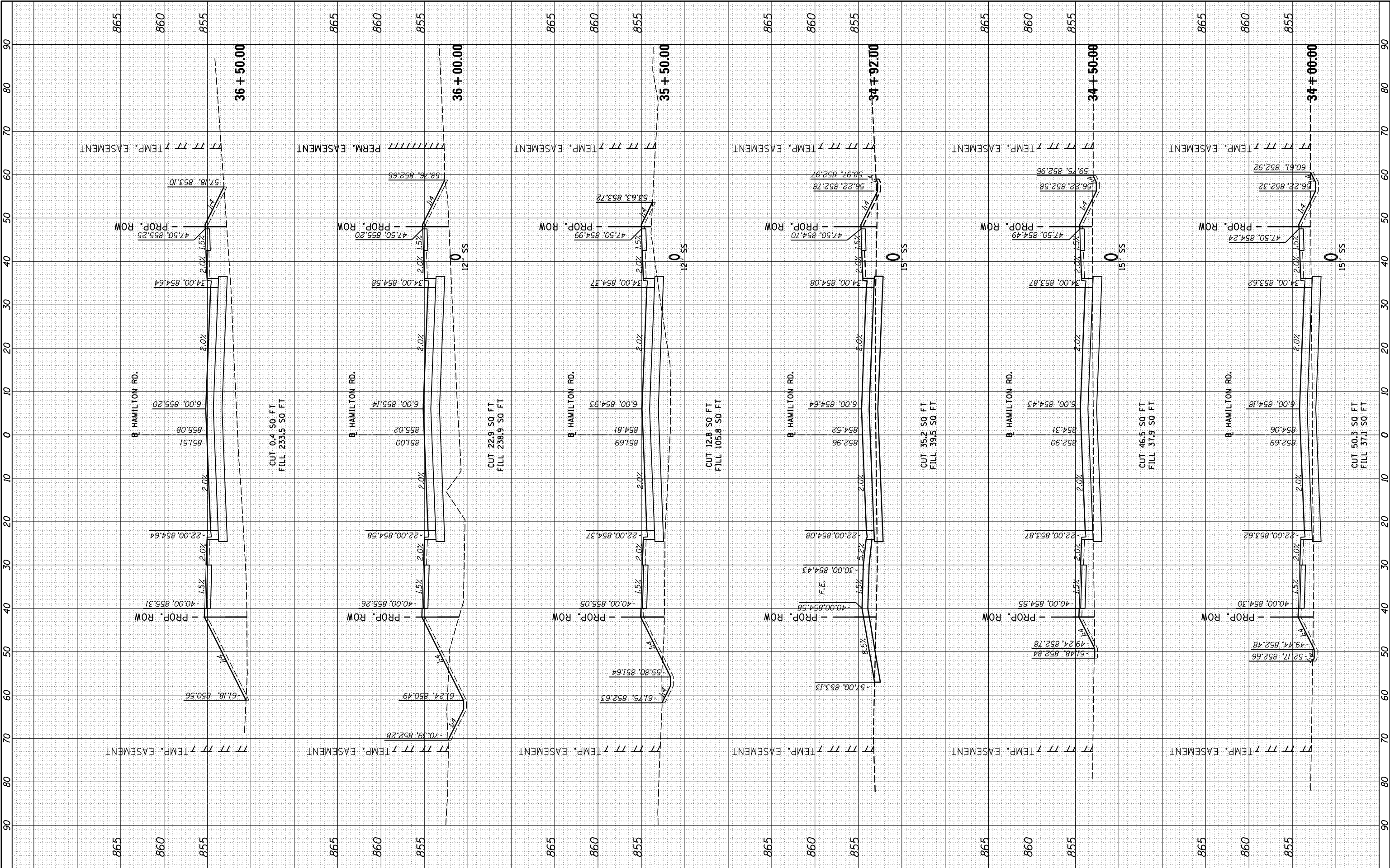


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn		DRAWN - RLA	REVISED -						6371	24-00360-01-PV	McLEAN	192	174
	PLOT SCALE = 20.0000 ' / 1" = 40.00'	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 31+00.00	TO	STA. 33+50.00		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

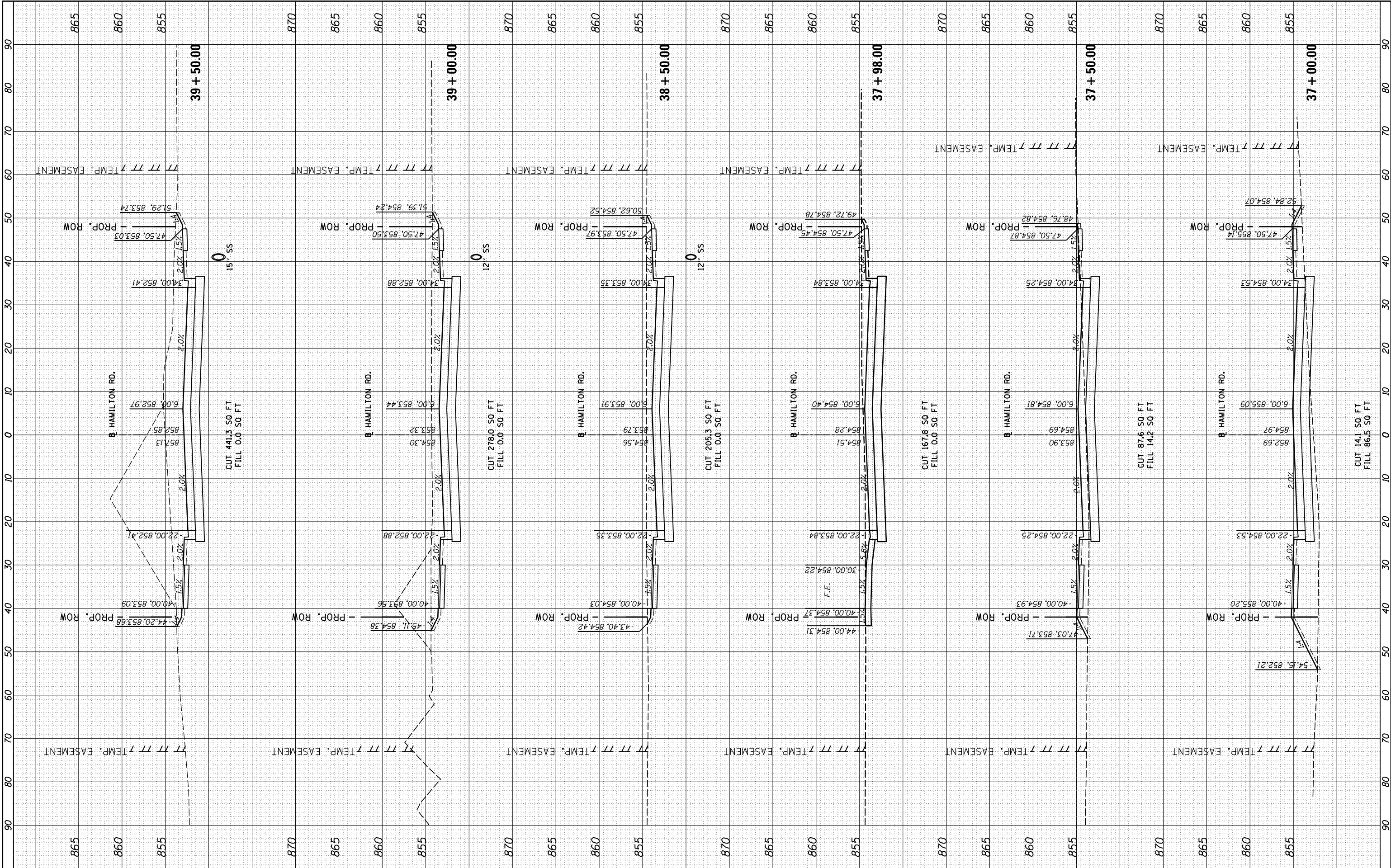


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	175				
	PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 34+00.00	TO	STA. 36+50.00		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT DRAWN REVIEWED	BAB RLA MGD	6/12/2020 6/13/19 7/10/2024

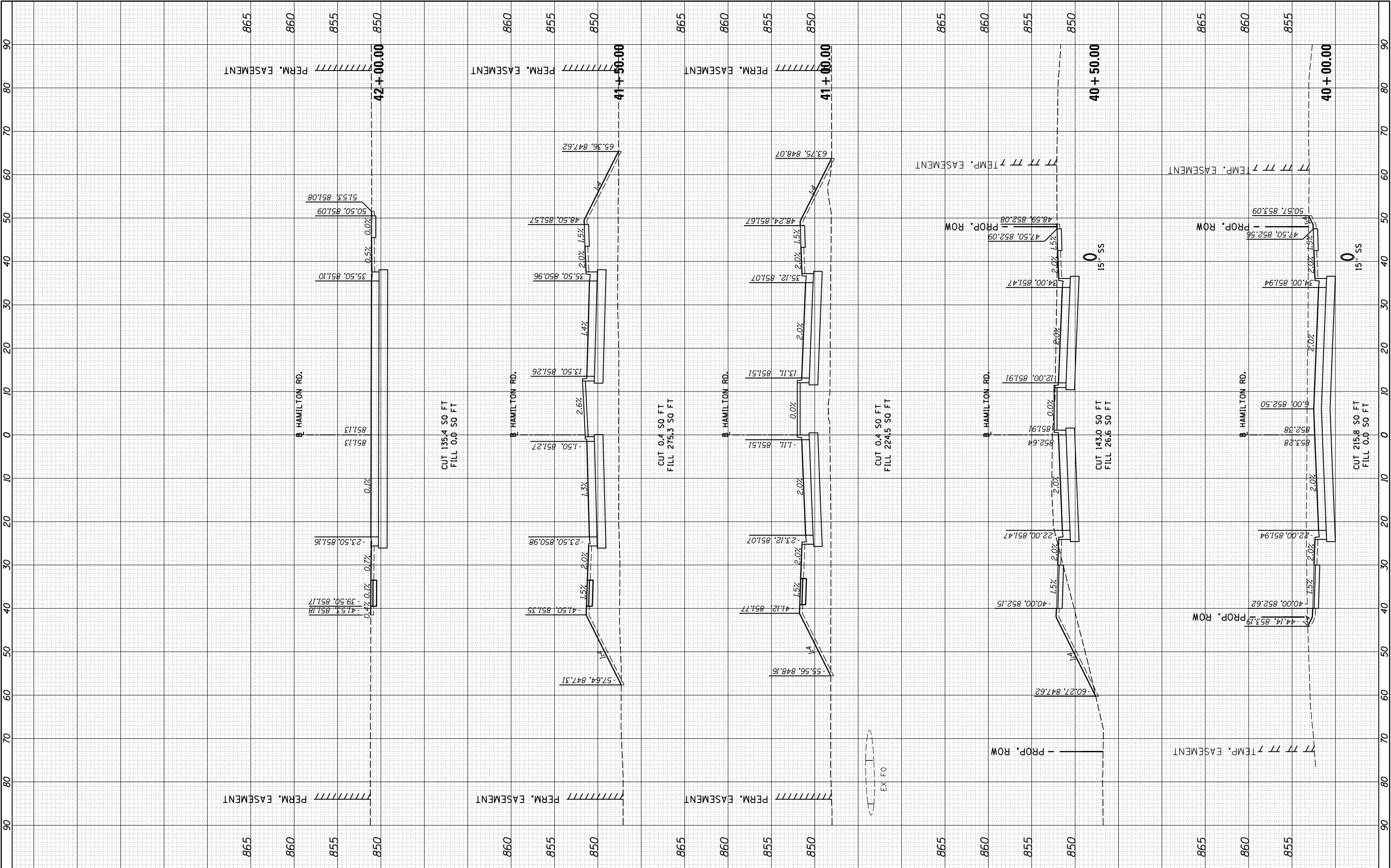


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn	DRAWN - RLA	REVISED -	6371			24-00360-01-PV	McLEAN	192	176	
PLOT SCALE = 20.0000' / in.	CHECKED - MGD	REVISED -	CONTRACT NO.91653							
PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -	ILLINOIS FED. AID PROJECT							
Default					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 37+00.00	TO STA. 39+50.00

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



FILE NAME =		USER NAME = Ander00846		DESIGNED - BAB	REVISED -
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Default		PLOT SCALE = 20.0000' / in.		CHECKED - MGD	REVISED -
		PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -

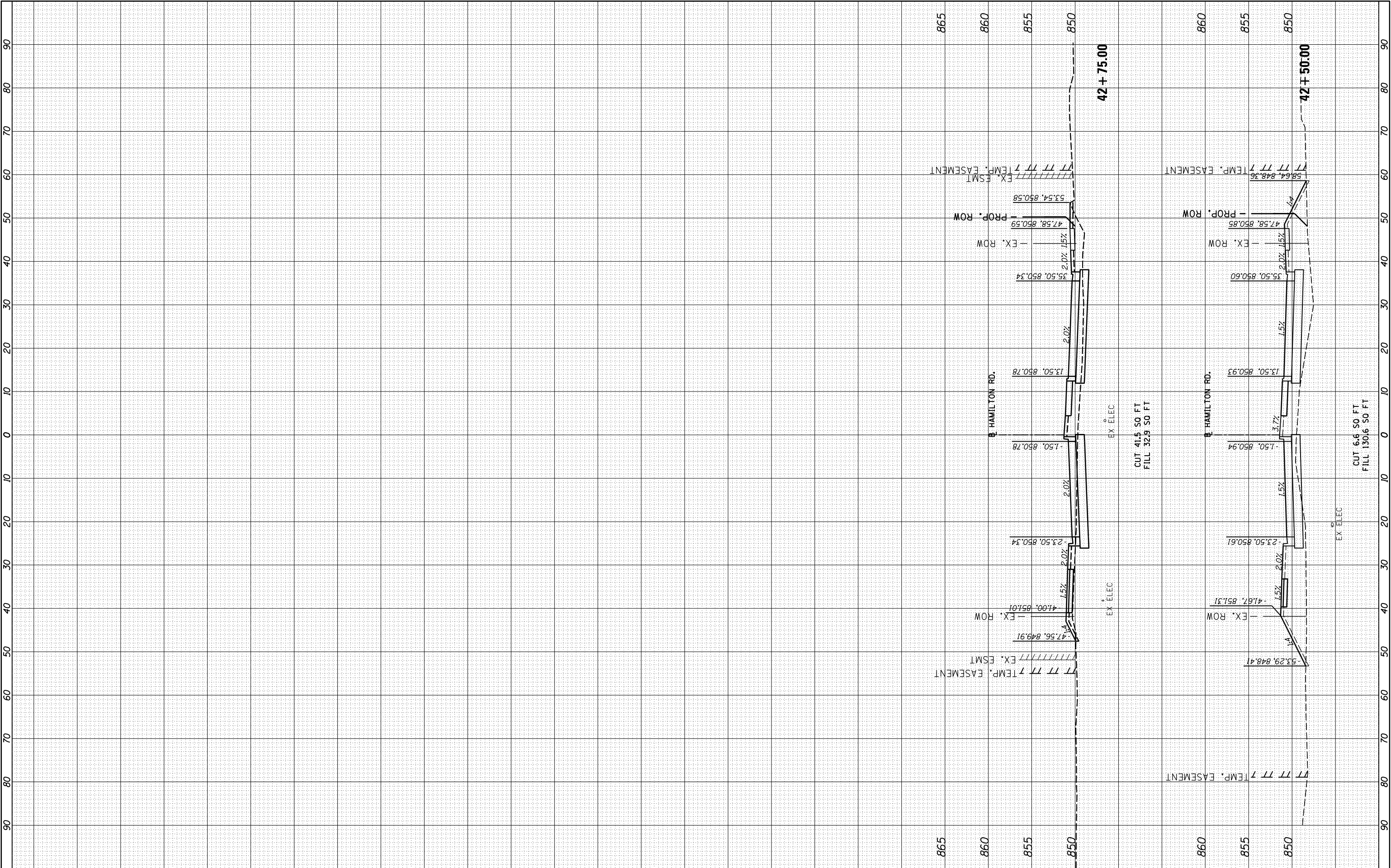
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			HAMILTON ROAD CROSS SECTIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					6371	24-00360-01-PV	McLEAN	192	177
					CONTRACT NO.91653				
					ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 40+00.00	TO STA. 42+00.00
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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

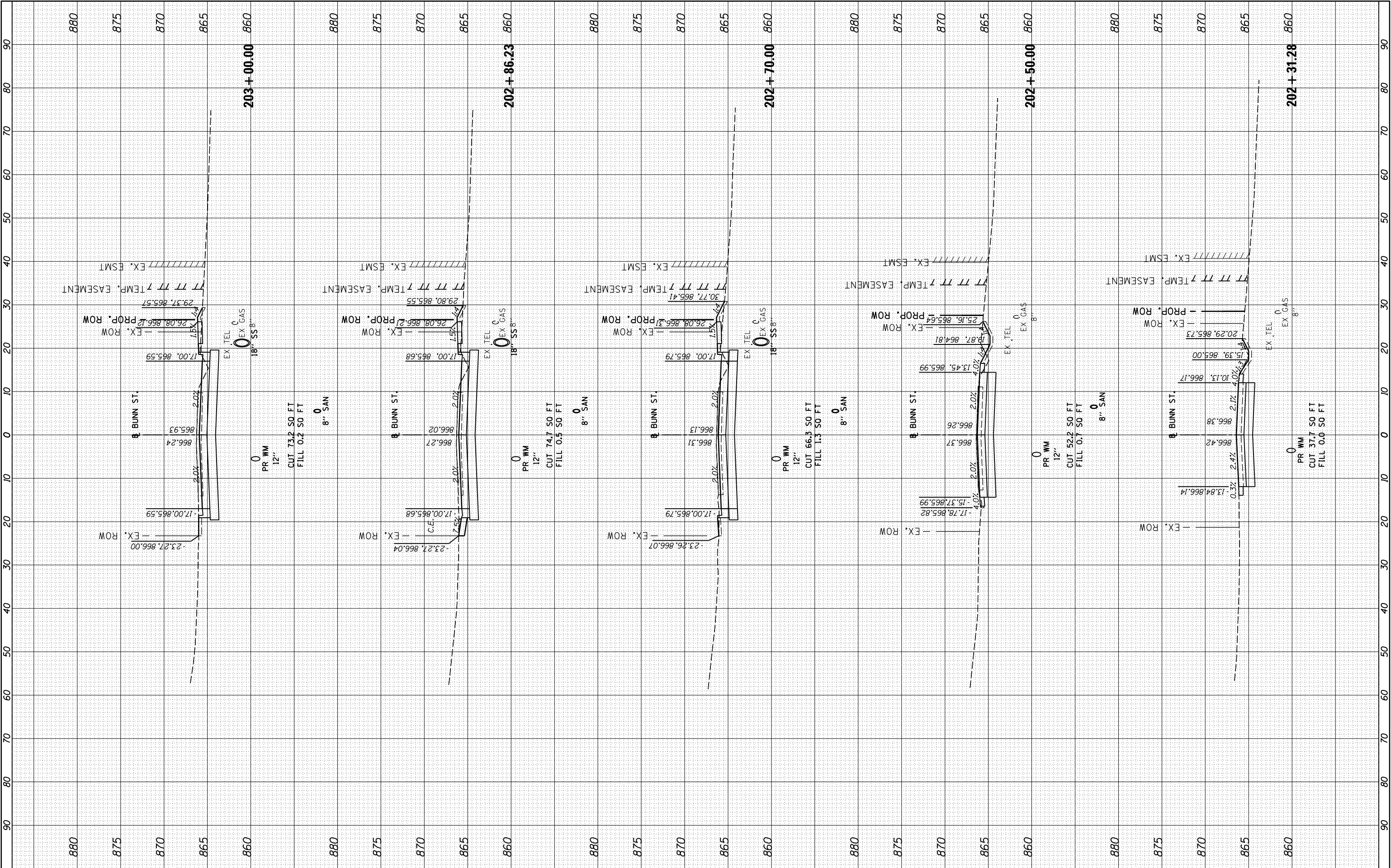


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMILTON ROAD CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-HAM.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	178				
PLOT SCALE = 20.0000' / in.		CHECKED - MGD	REVISED -		CONTRACT NO.91653								
PLOT DATE = 11/20/2024		DATE - 11/21/2024	REVISED -										
Default					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 42+50.00	TO STA. 44+50.00			

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

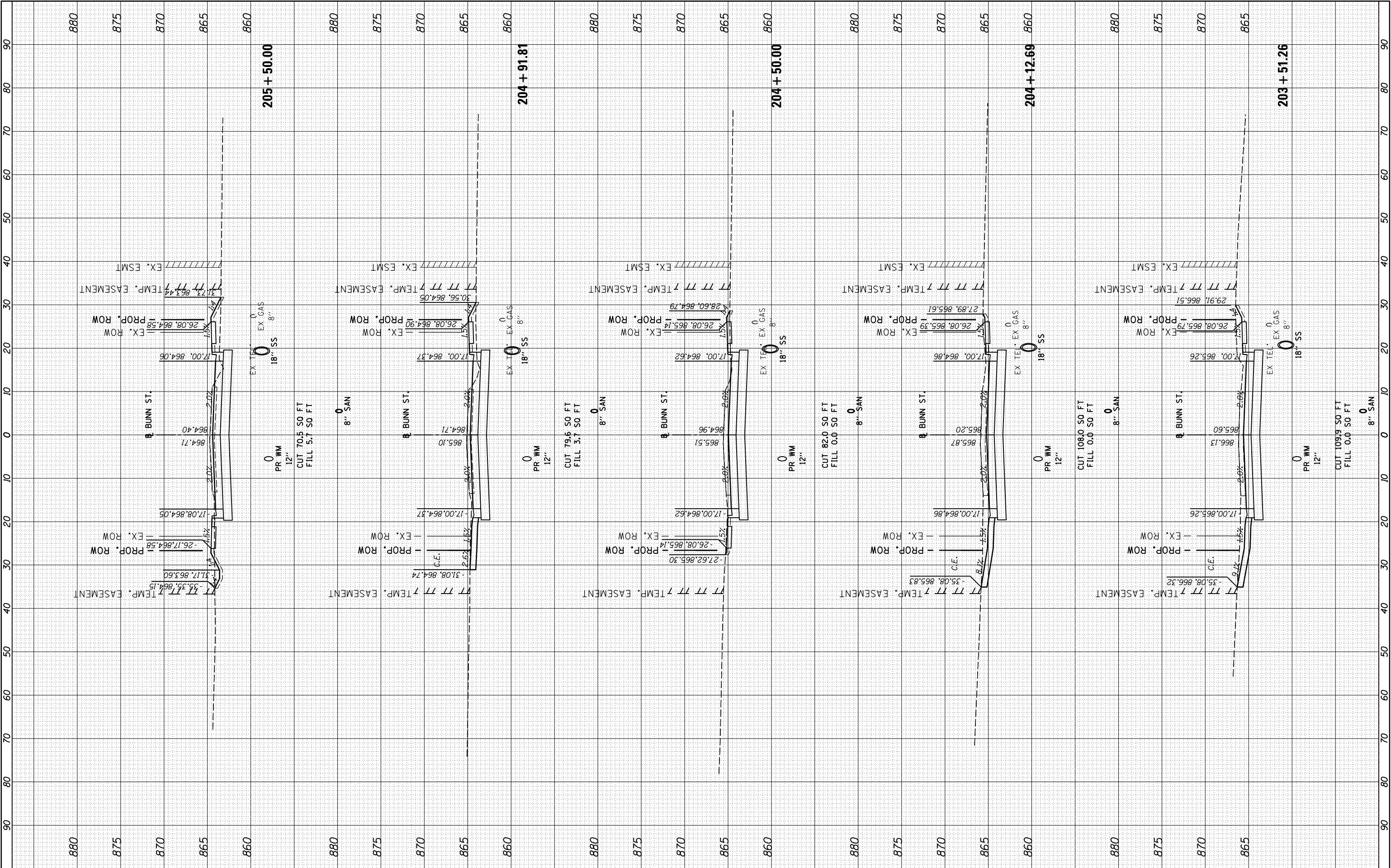


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		CHECKED - MGD	REVISED -
		DATE - 11/21/2024	REVISED -
Default		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE: 1"=10'		SHEET OF SHEETS	BUNN STREET CROSS SECTIONS
STA. 202+31.28 TO STA. 203+00.00		F.A.U. RTE. 6371 SECTION 24-00360-01-PV COUNTY McLEAN	
		TOTAL SHEETS 192 SHEET NO. 179	
		CONTRACT NO.91653	
		ILLINOIS FED. AID PROJECT	

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

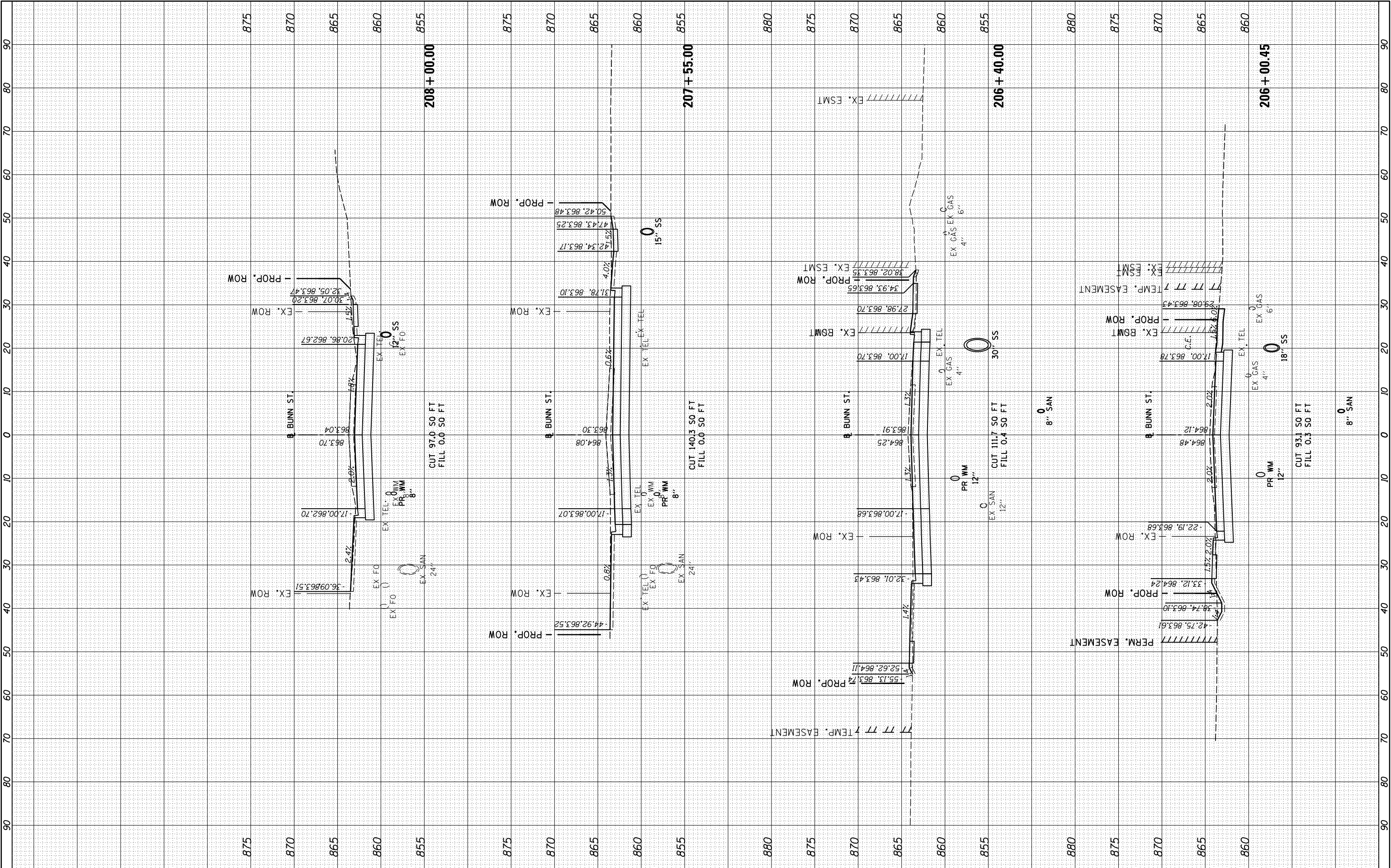


FILE NAME = I:\151Jobs\151L0098C\CAD\Road\Sheet\Plan-Set 2\sh1-xsec-BUN.dgn	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUNN STREET CROSS SECTIONS	SCALE: 1"=10'	SHEET OF SHEETS	STA. 203+51.26 TO STA. 205+50.00	F.A.U. RTE. 6371	SECTION 24-00360-01-PV	COUNTY McLEAN	TOTAL SHEETS 192	SHEET NO. 180
Default	PLOT SCALE = 20.0000' / in.	CHECKED - MGD	REVISED -						CONTRACT NO.91653				
	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -						ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED BY	DATE
NOTED BY	PLOTTED BY	DATE
AREAS CHECKED	AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTED BY	PLOTTED BY	DATE
AREAS CHECKED	AREAS CHECKED	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

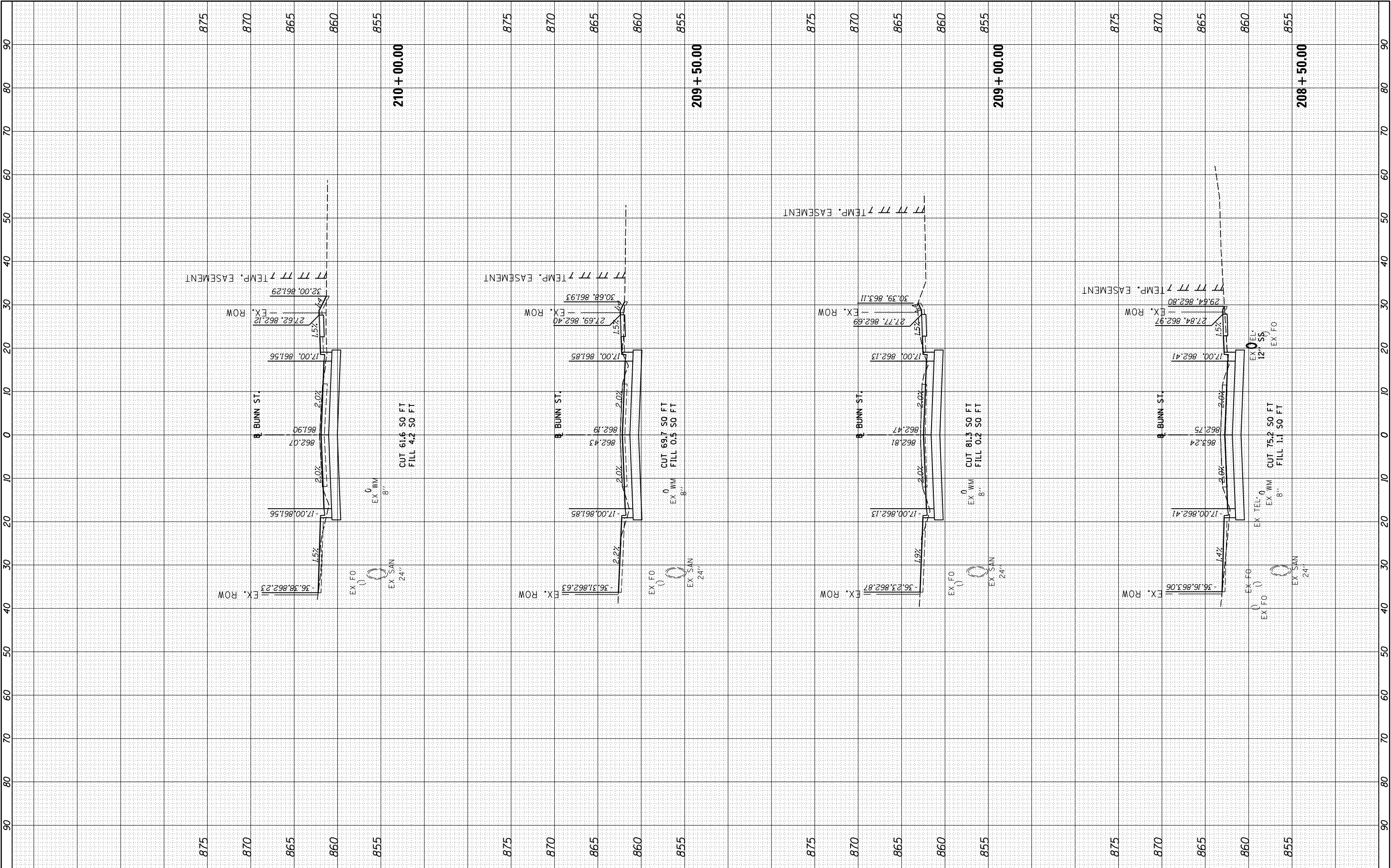


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUNN STREET CROSS SECTIONS	F.A.U. RTE. 6371	SECTION 24-00360-01-PV	COUNTY McLEAN	TOTAL SHEETS 192	SHEET NO. 181	
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PLOT SCALE = 20.0000' / in.	CHECKED - MGD	REVISED -									
PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -									
Default					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 206+00.45	TO STA. 208+00.00	CONTRACT NO.91653
								ILLINOIS	FED. AID	PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT DRAWN REVIEWED	BAB RLA MGD	6/12/2020 6/13/19 7/10/2024

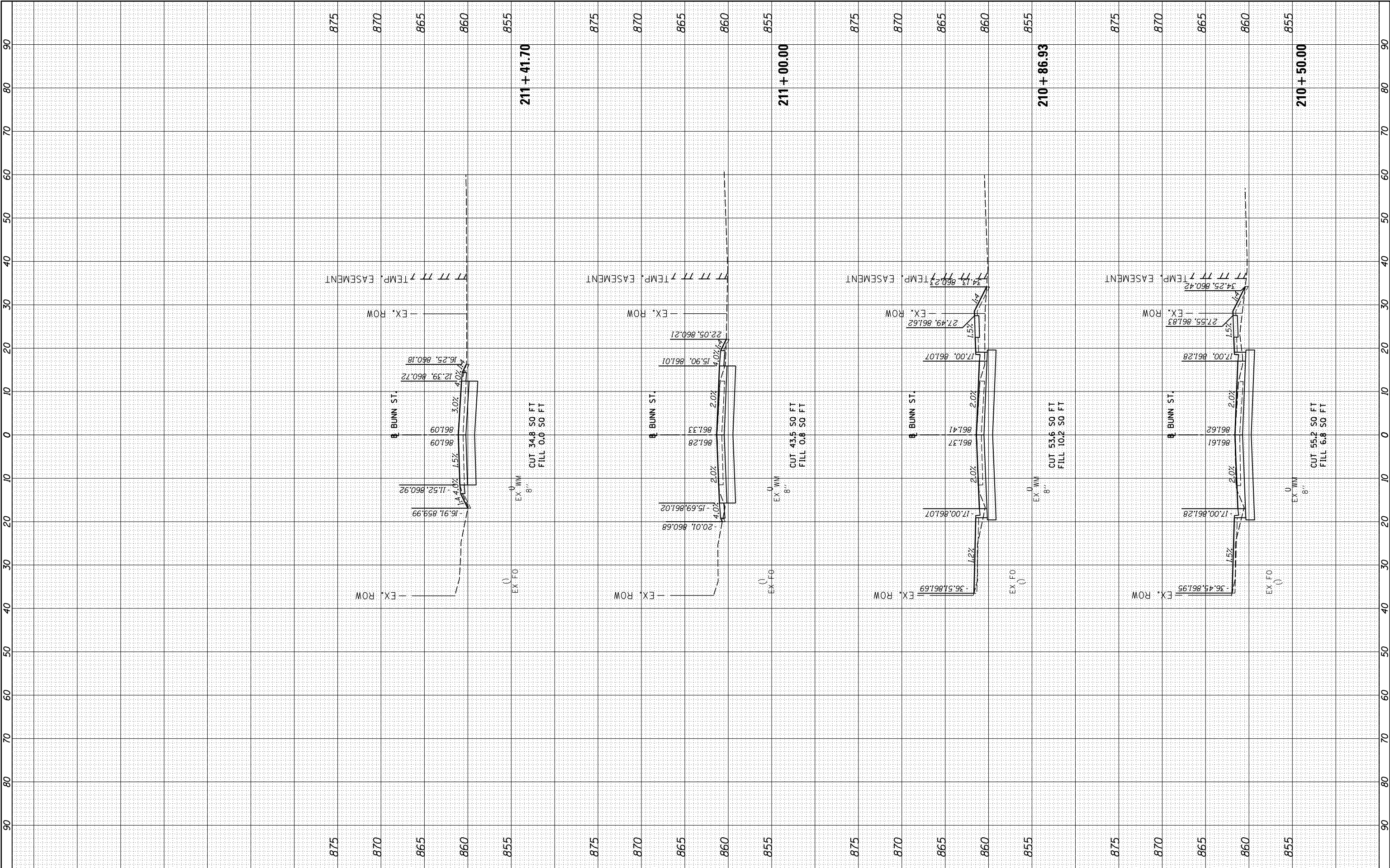


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUNN STREET CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-BUN.dgn	DRAWN - RLA	REVISED -	6371						24-00360-01-PV	McLEAN	192	182	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 208+50.00	TO	STA. 210+00.00	ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

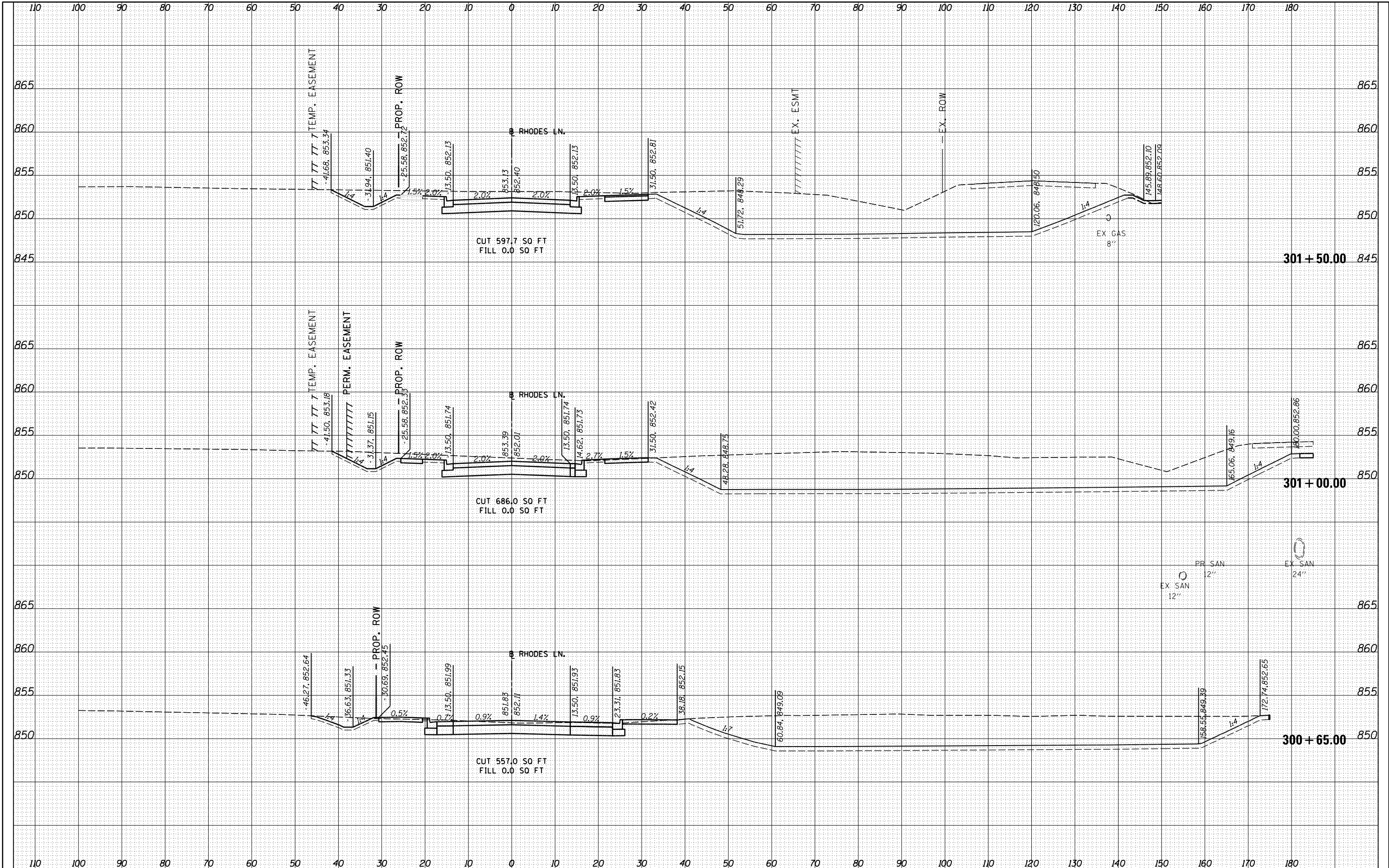


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUNN STREET CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-BUN.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	183				
PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -			CONTRACT NO.91653								
PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -			ILLINOIS FED. AID PROJECT								
Default					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 210+50.00	TO	STA. 211+41.69		

FINAL SURVEY	SURVEYED	BY	DATE
NO.	NOTE BOOK		
	PLATTED		
	TEMPLE		
	AREAS		
	CHECKED		

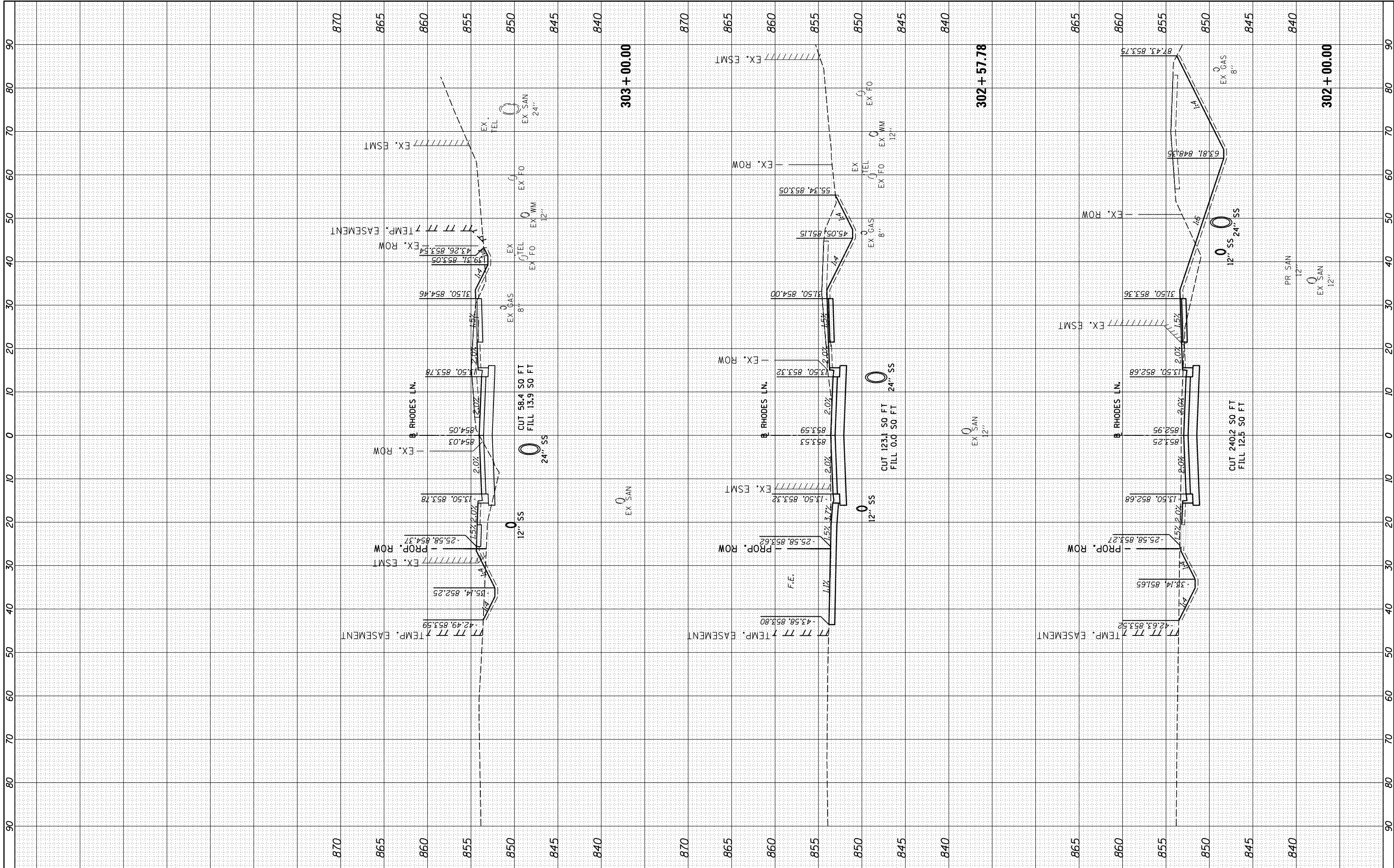
ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	NOTE BOOK		
	PLATTED		
	TEMPLE		
	AREAS		
	CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RHODES LANE CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 20.0000' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 300+65.00	TO STA. 301+50.00			

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

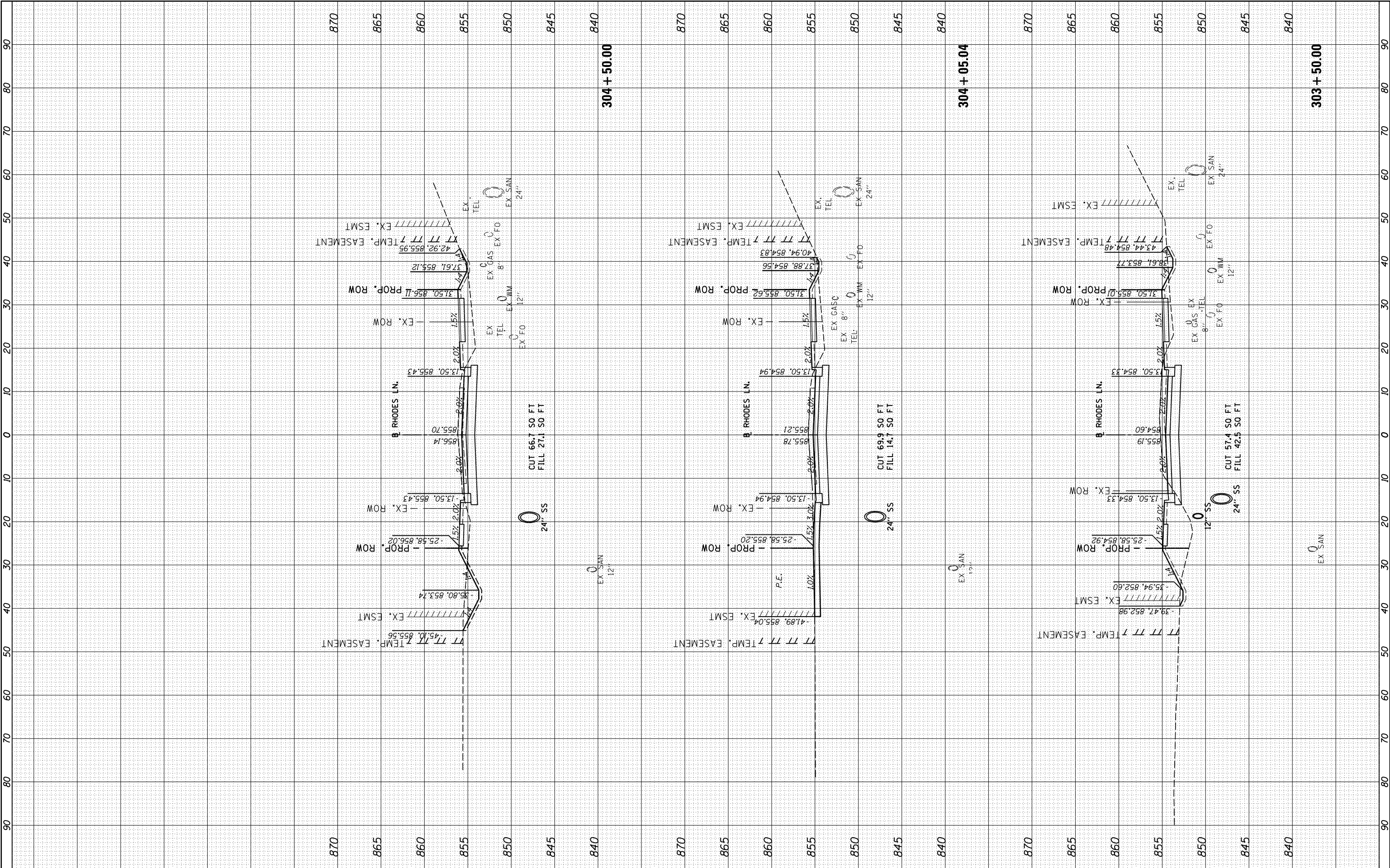


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RHODES LANE CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sheet-xsec-RHO-2.dgn		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	185				
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Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -		SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 302+00.00	TO STA. 303+00.00	ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

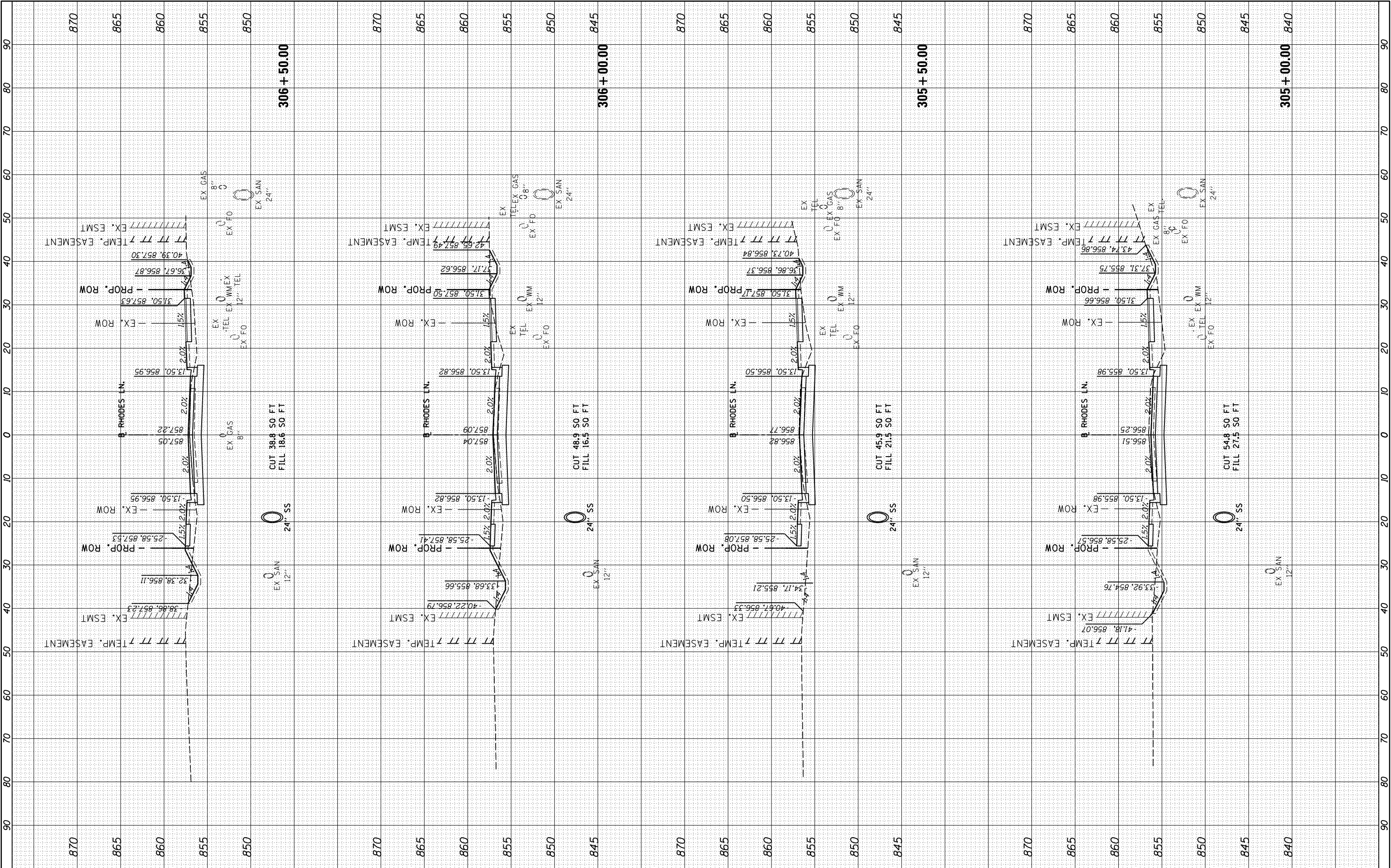


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		DRAWN - RLA	REVISED -		6371	24-00360-01-PV	McLEAN	192	186				
	PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -										
	Default				ILLINOIS FED. AID PROJECT								
				SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 303+50.00	TO	STA. 304+50.00			

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

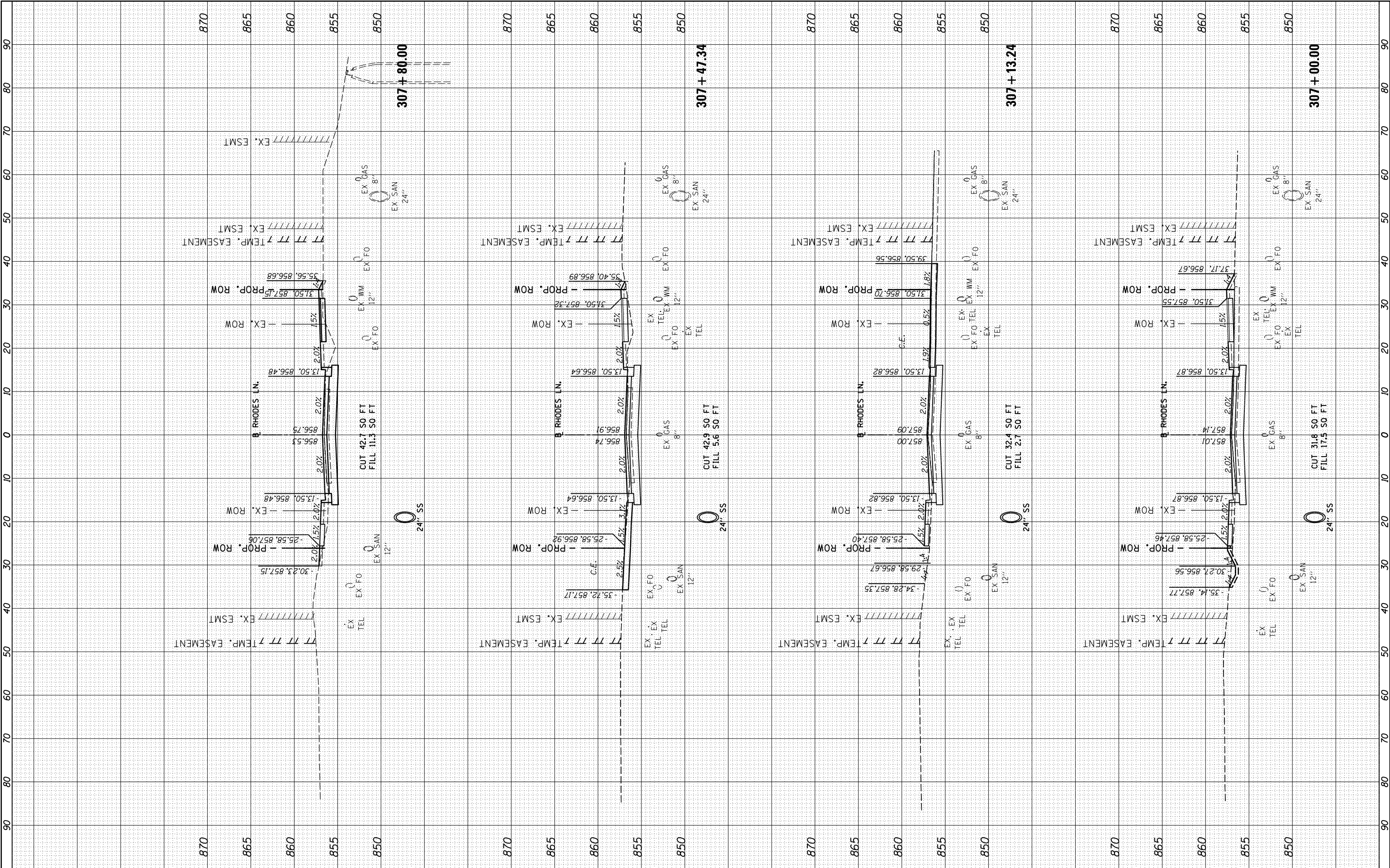


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RHODES LANE CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653								
Default	PLOT DATE = 11/20/2024	DATE - 11/21/2024	REVISED -										
				SCALE: 1"=10'	SHEET	OF	SHEETS	STA. 305+00.00	TO STA. 306+50.00	ILLINOIS FED. AID PROJECT			

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

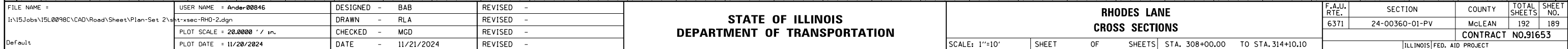
LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



FILE NAME =	USER NAME = Ander00846	DESIGNED -	BAB	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		RHODES LANE CROSS SECTIONS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-RHO-2.dgn		DRAWN -	RLA	REVISED -						6371	24-00360-01-PV	McLEAN	192	188
Default	PLOT SCALE = 20.0000 ' / in.	CHECKED -	MGD	REVISED -						CONTRACT NO.91653				
	PLOT DATE = 11/20/2024	DATE -	11/21/2024	REVISED -				SCALE: 1"=10'		SHEET	OF	SHEETS	STA. 307+00.00	TO STA. 307+74.20
ILLINOIS FED. AID PROJECT														

ORIGINAL SURVEY		BY		DATE
NOTE BOOK		SURVEYED		
		PLOTTED		
		TEMPLATE		
		AREAS		
NO.		AREAS	CHECKED	

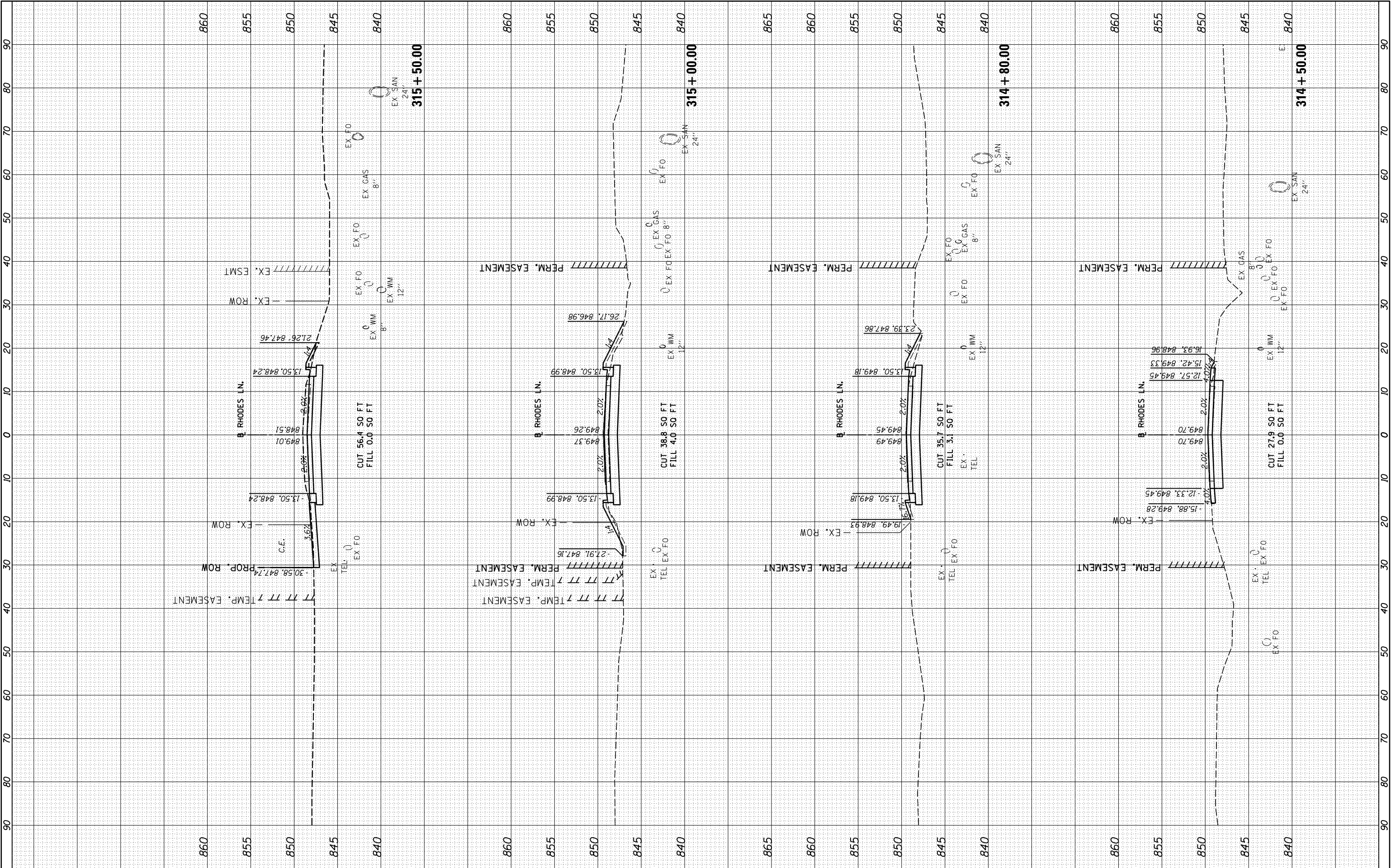
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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

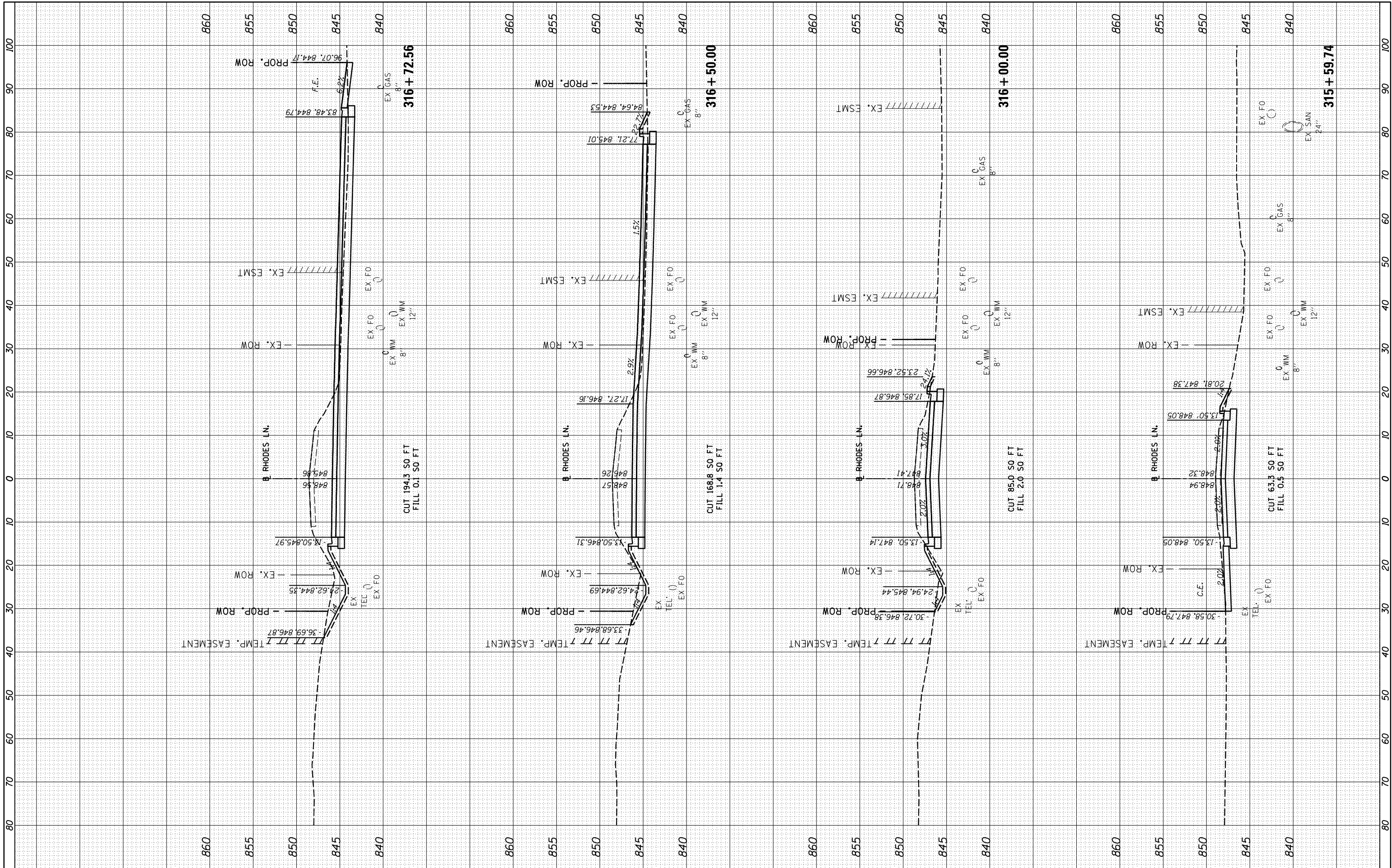
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

LAYOUT DRAWN REVIEWED	BAB RLA MGD	6/12/2020 6/13/19 7/10/2024



FILE NAME = I:\15Jobs\15L0098C\CAD\Road\Sheet\Plan-Set 2\sh-t-xsec-RHO-2.dgn	USER NAME = Ander00846	DESIGNED - BAB	REVISED -
		DRAWN - RLA	REVISED -
		CHECKED - MGD	REVISED -
		DATE - 11/21/2024	REVISED -
Default			
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		RHODES LANE CROSS SECTIONS	
SCALE: 1"=10'		SHEET OF SHEETS	STA. 314+50.00 TO STA. 315+50.00
F.A.U. RTE. 6371	SECTION 24-00360-01-PV	COUNTY McLEAN	TOTAL SHEETS 192 SHEET NO. 190
CONTRACT NO.91653			
ILLINOIS FED. AID PROJECT			

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024

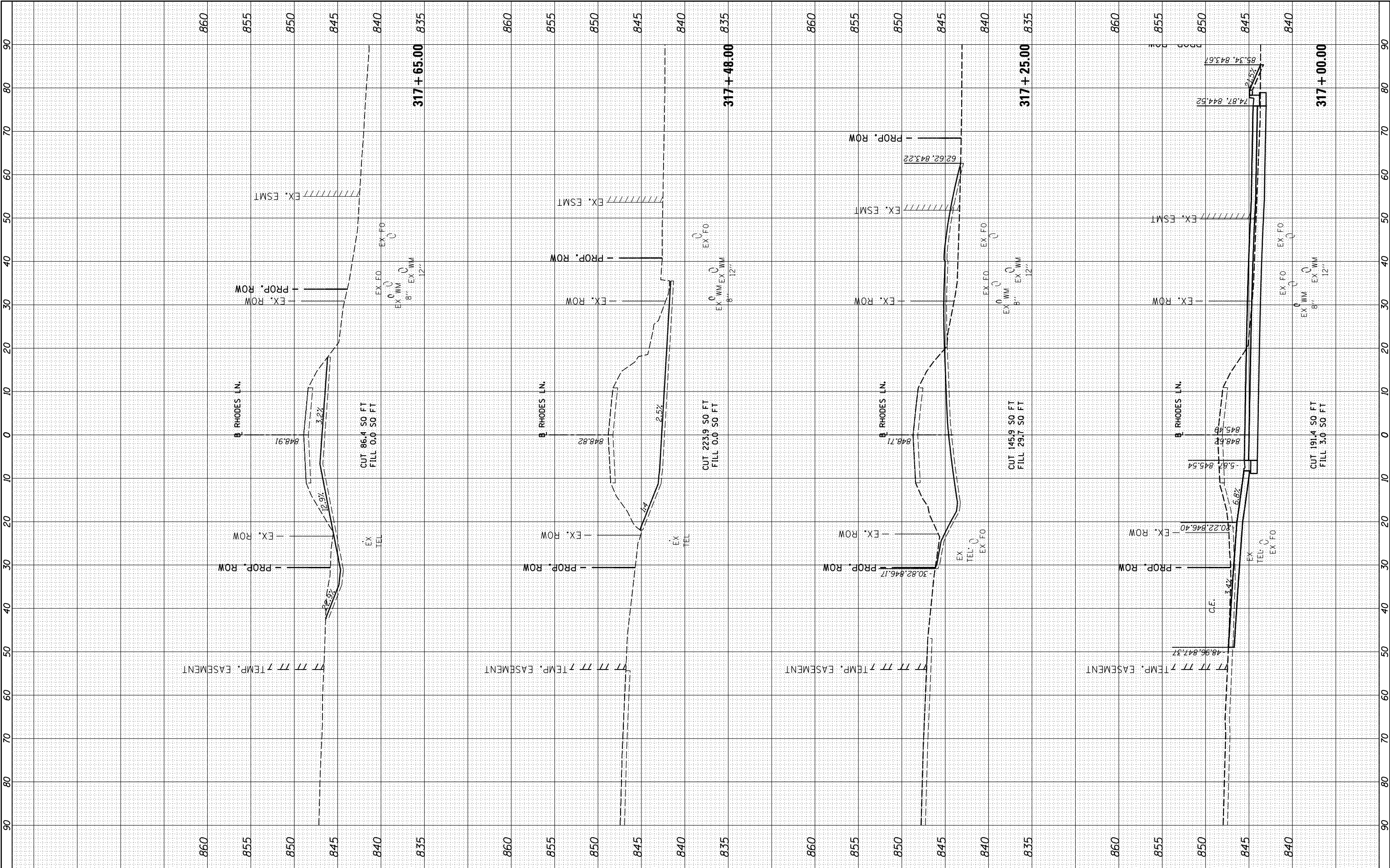


FILE NAME =	USER NAME = Ander00846	DESIGNED - BAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RHODES LANE CROSS SECTIONS					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 20.0000 ' / in.	CHECKED - MGD	REVISED -		CONTRACT NO.91653									
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FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE
NO.	AREAS CHECKED		

LAYOUT	BAB	6/12/2020
DRAWN	RLA	6/13/19
REVIEWED	MGD	7/10/2024



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		DRAWN - RLA	REVISED -
		CHECKED - MGD	REVISED -
		DATE - 11/21/2024	REVISED -
Default			
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
RHODES LANE CROSS SECTIONS			
SCALE: 1"=10' SHEET OF SHEETS STA. 317+00.00 TO STA. 317+65.00			
F.A.U. RTE. 6371	SECTION 24-00360-01-PV	COUNTY McLEAN	TOTAL SHEETS 192
ILLINOIS FED. AID PROJECT			SHEET NO. 192
CONTRACT NO.91653			