SOIL EROSION AND SEDIMENT CONTROL NOTES:

- CONTROL MEASURES SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL, LATEST EDITIONS, UNLESS OTHERWISE INDICATED
- THE WILL / SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCSWCD) SHALL BE NOTIFIED ONE WEEK PRIOR TO THE PRE- CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.
- A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLANS SHALL BE MAINTAINED ON THE PROJECT SITE AT ALL TIMES.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN A MANNER SUCH AS TO MINIMIZE EROSION, AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE.
- OFF SITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE INSTALLED AS SHOWN IN THE PLANS.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES OTHER THAN INDICATED ON THESE PLANS, A SUPPLEMENTARY SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR TO THE OWNER FOR CONSIDERATION BY THE ENGINEER AND WILL / SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT.
- DEWATERING FOR ANY AND ALL PORTIONS OF WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS AS BID
- DEWATERING DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (SEDIMENT / FILTER BAG) MEETING THE APPROVAL OF THE ENGINEER FILTER BAGS SHALL BE PLACED ON LEVEL GROUND AND HAVE SECONDARY CONTAINMENT DEVICES. DISCHARGE DIRECTLY INTO ADJACENT PROPERTIES, STORM WATER STRUCTURES, WETLANDS, FIELD TILES, AND WATERWAYS IS PROHIBITED. FILTER BAGS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE CONSIDERED PART OF DEWATERING AND INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS AS BID
- CONCRETE WASHOUT LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF CONCRETE. WASHOUTS SHALL NOT BE LOCATED IN WETLANDS OR AREAS OF CONCENTRATED FLOW. WASHOUTS SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS IN THE PLANS, OR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER. CONCRETE WASHOUTS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS AS BID.
- 11. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS LEAVING THE PROJECT AREA, STORM SEWERS, AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL AND TO THE SATISFACTION OF THE ENGINEER.

SOIL EROSION AND SEDIMENT CONTROL NOTES (CONT.):

- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL ADJACENT STREETS SHALL BE MONITORED AND KEPT FREE OF DIRT AND DEBRIS. THE CONTRACTOR SHALL CLEAN THE ADJACENT PAVEMENT OF ALL DIRT AND DEBRIS AT THE END OF EACH DAY'S OPERATION AND AS DIRECTED BY THE ENGINEER (ART. 107.15)
- 13. NO WORK SHALL BE PERMITTED IN FLOWING WATER WITH THE EXCEPTION OF COFFERDAM AND CAUSEWAY CONSTRUCTION
- SOIL STOCKPILES SHALL NOT BE LOCATED IN FLOOD PRONE AREAS OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF WILL COUNTY. STOCKPILES TO REMAIN IN PLACE MORE THAN THREE DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES. STOCKPILES TO REMAIN IN PLACE MORE THAN 14 DAYS SHALL RECEIVE TEMPORARY SEEDING
- 15. THE CONTRACTOR SHALL PROVIDE ADEQUATE CLOSED RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE CONSTRUCTION PROJECT. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT DUMPING, DEPOSITING, DROPPING, THROWING, DISCHARGING, OR LEAVING CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY PRIVATE PROPERTY, CHANNEL, OR ISOLATED WATERS. THE CONSTRUCTION SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER OR SOIL AND WATER CONSERVATION DISTRICT. THIS WORK SHALL BE PAID FOR PER ART. 109.04 OF THE STANDARD SPECIFICATIONS.
- 17. STABILIZATION OF DISTURBED AREAS SHALL, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND SHALL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS, STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE. BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA.
- COMPLETED AREAS SHALL BE PERMANENTLY STABILIZED AS THE WORK PROGRESSES TO THE EXTENT CONSIDERED PRACTICAL. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SUCH THAT THE ENTIRE PROJECT CAN BE PERMANENTLY STABILIZED AT ONE TIME.
- 19. CRITICAL AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON CONCLUSION OF WORK. CRITICAL AREAS SHALL BE DETERMINED BY THE ENGINEER INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
 - Α. STREAMS
 - CREEKS
 - STORM SEWER OUTFALLS
 - THE BASS AND GILL CLUB
- 20. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL SUBCONTRACTOR(S) WHO MAY PERFORM WORK ON THE PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THE SOIL EROSION AND SEDIMENT CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
- 21. THE USE OF STRAW OR HAY BALES AS EROSION CONTROL MEASURES SHALL NOT BE PERMITTED.

PLANTING AND STABILIZATION SCHEDULE

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	ост.	NOV.	DEC.
PERMANENT				А				А				
SEEDING					<u>B</u>		ł			<u>B</u>		
PERENNIAL					_							
PLANTS						_			_			
FLANIS												
SODDING	D								D			
TEMPORARY SEEDING			F									
EROSION CONTROL	Е											
	r			_								

- CLASS 1B CLASS 2A CLASS 3 APRIL 1 TO JUNE 15 & AUGUST 1 TO NOVEMBER 1
- CLASS 4B CLASS 5A MAY 15 TO JUNE 30 & OCTOBER 15 TO DECEMBER 1
- PERENNIAL PLANTS WETLAND PLUGS MAY 1 TO JUNE 15 & AUGUST 15 TO SEPTEMBER 15
- D. TEMPS < 80° F
- TEMPORARY SEEDING PERENNIAL RYE GRASS SPRING OATS
- F. EROSION CONTROL BLANKET (SPECIAL)

INSPECTION AND MAINTENANCE

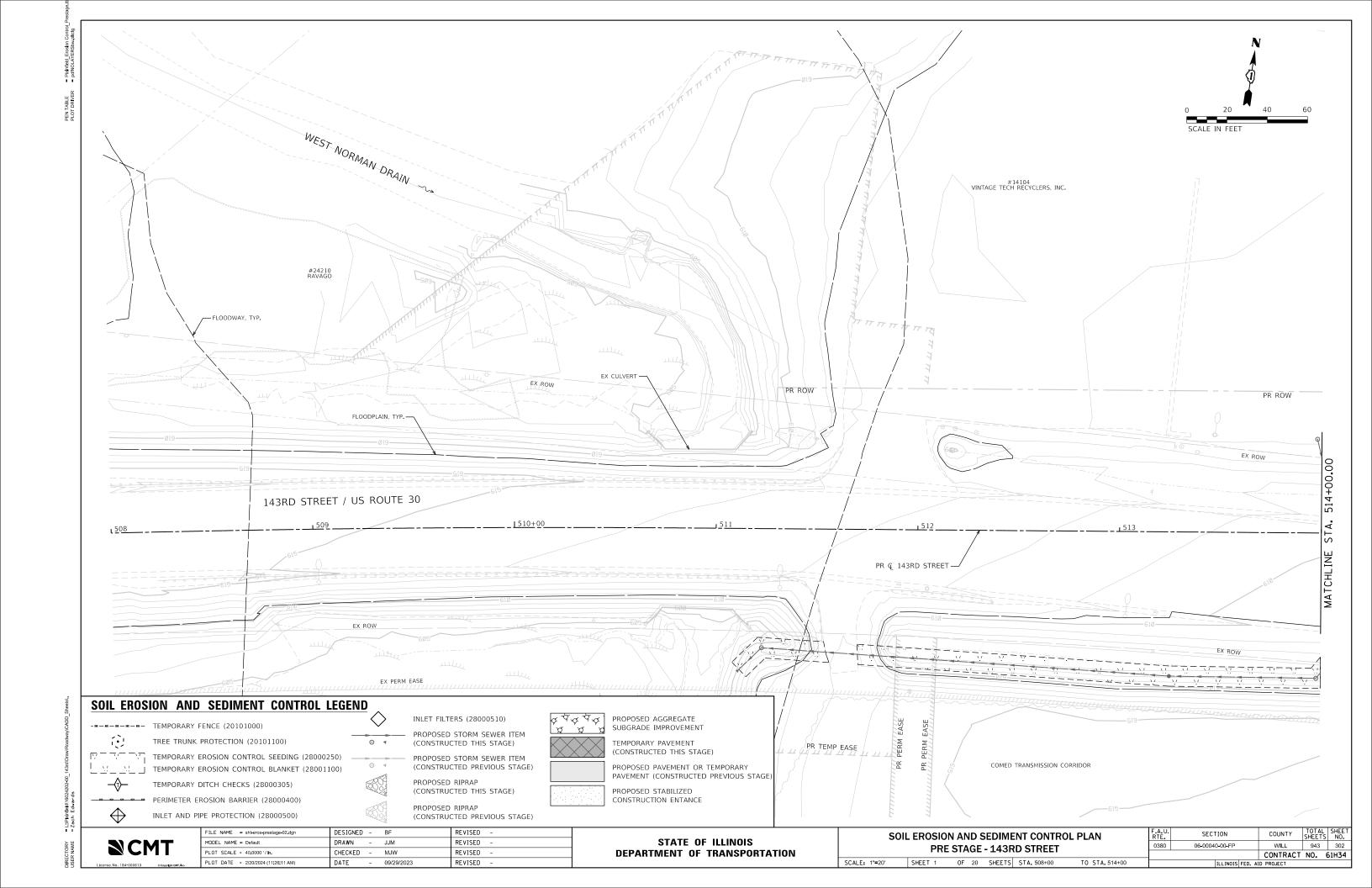
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY A QUALIFIED PERSON. A QUALIFIED PERSON SHALL BE DEFINED AS A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS A LICENSED PROFESSIONAL ENGINEER (P.E.), A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORM WATER INSPECTOR (CESSWI), OR OTHER KNOWLEDGEABLE
- 2. ALL MEASURES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS (OR BY THE FOLLOWING WORKING DAY) OF THE END OF A RAIN EVENT OF 0.5 INCHES OR GREATER
- 3. THE CONTRACTOR SHALL PERMIT SITE ACCESS TO REPRESENTATIVES OF THE ENGINEER, OWNER, SOIL AND WATER CONSERVATION DISTRICT. ENVIRONMENTAL PROTECTION AGENCY, AND U.S. ARMY CORPS OF **ENGINEERS**
- ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION AS DETERMINED BY THE ENGINEER INCLUDING, BUT NOT LIMITED TO THE FOLLOWING
 - PERIMETER EROSION BARRIER (SILT FENCE) MAINTAIN AND REPAIR TEARS, GAPS, UNDERMINING, REPLACE BROKEN OR MISPLACED STAKES, SEDIMENT ACCUMULATION SHALL BE REMOVED WHEN IT HAS REACHED 1/3 THE HEIGHT OF THE BARRIER
 - DITCH CHECKS SEDIMENT ACCUMULATION SHALL BE REMOVED WHEN IT HAS REACHED 50% OF THE HEIGHT OF THE STRUCTURE OR AS RECOMMENDED BY THE MANUFACTURER, WHICHEVER IS LESS.
 - EROSION CONTROL BLANKET (SPECIAL) (SPECIAL) MAINTAIN AND REPAIR DAMAGE DUE TO WATER, SOIL DISPLACEMENT, AND IMPROPER INSTALLATION.
 - SILT BASKETS (DROP INLET PROTECTION) SEDIMENT ACCUMULATION SHALL BE REMOVED WHEN IT HAS REACHED 50% OF THE CAPACITY OR AS RECOMMENDED BY THE MANUFACTURER. WHICHEVER IS LESS.
 - CONCRETE WASHOUT ALL CONTAINED MATERIALS SHALL BE REMOVED AND DISPOSED OF AT LEGAL OFF-SITE LOCATION WHEN THE FACILITY HAS REACHED 50% CAPACITY.
- MAINTENANCE, REPAIR, REPLACEMENT OF EROSION AND SEDIMENT CONTROL MEASURES, AND DISPOSAL OF SEDIMENT SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS AS BID.

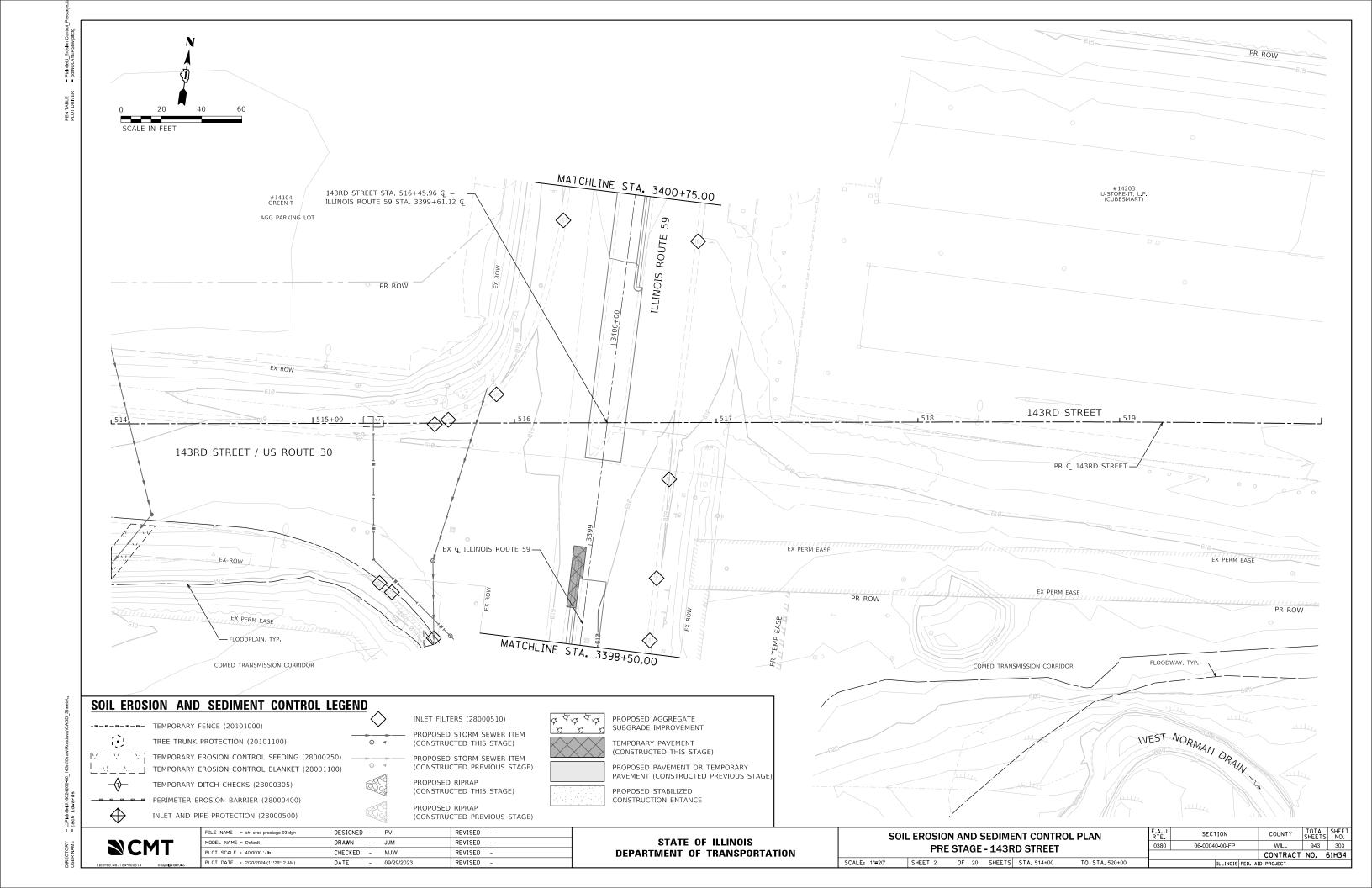
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MODEL NAME = Default	DRAWN - MJW	REVISED -
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PLOT DATE =	DATE - 09/29/2023	REVISED -

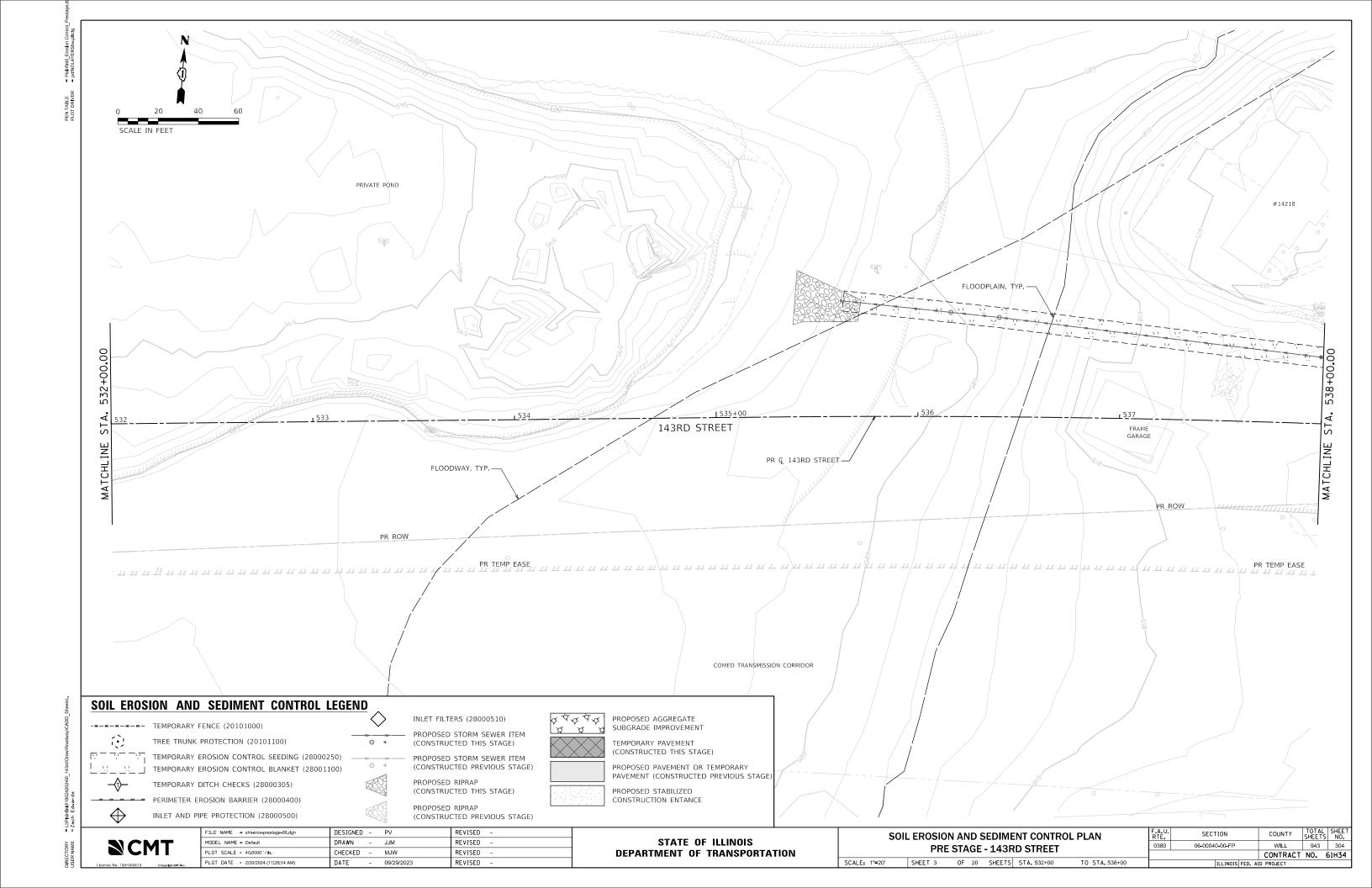
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

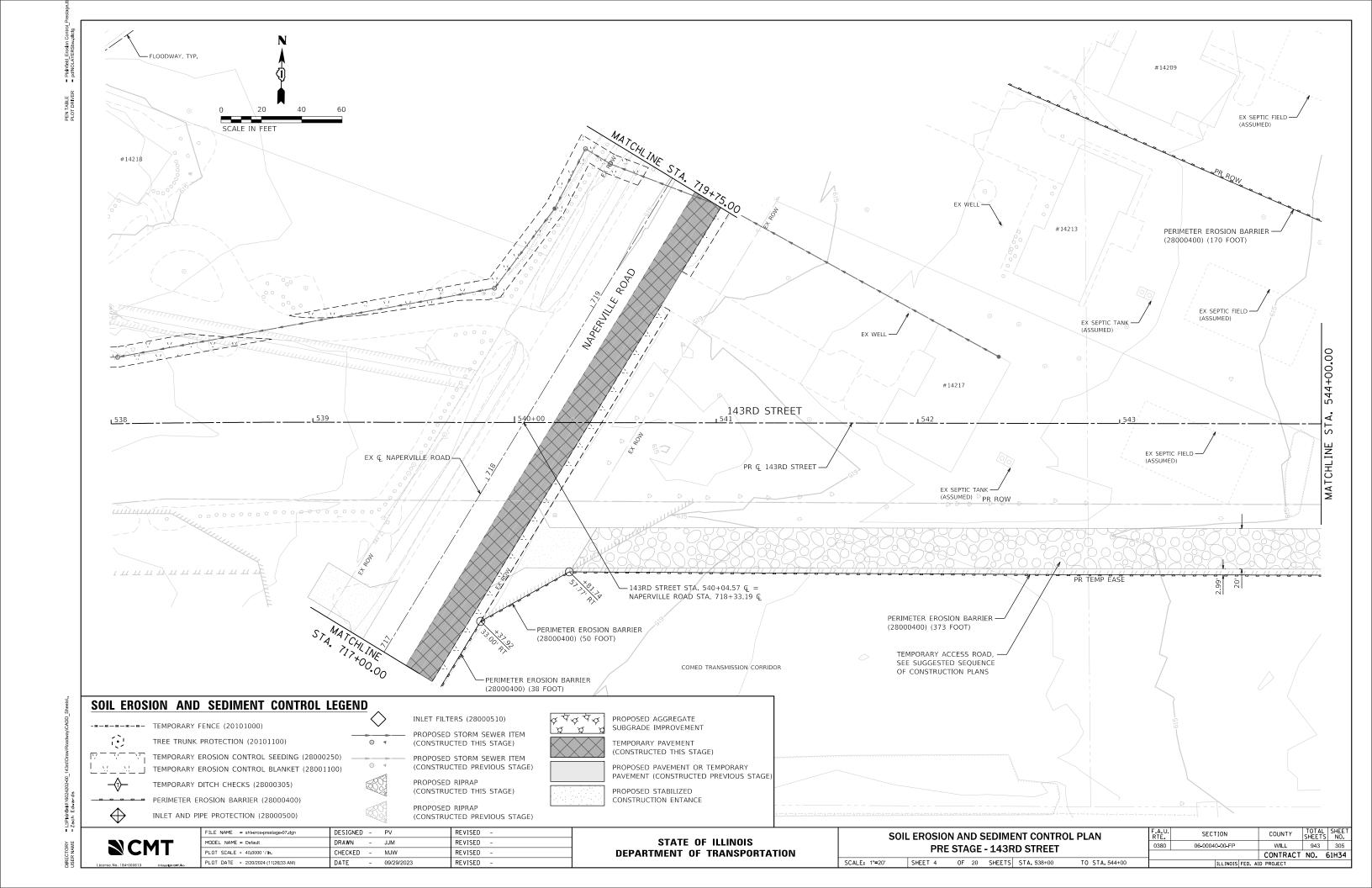
SOIL EROSION AND SEDIMENT CONTROL PLAN								SEC
GENERAL NOTES								06-000
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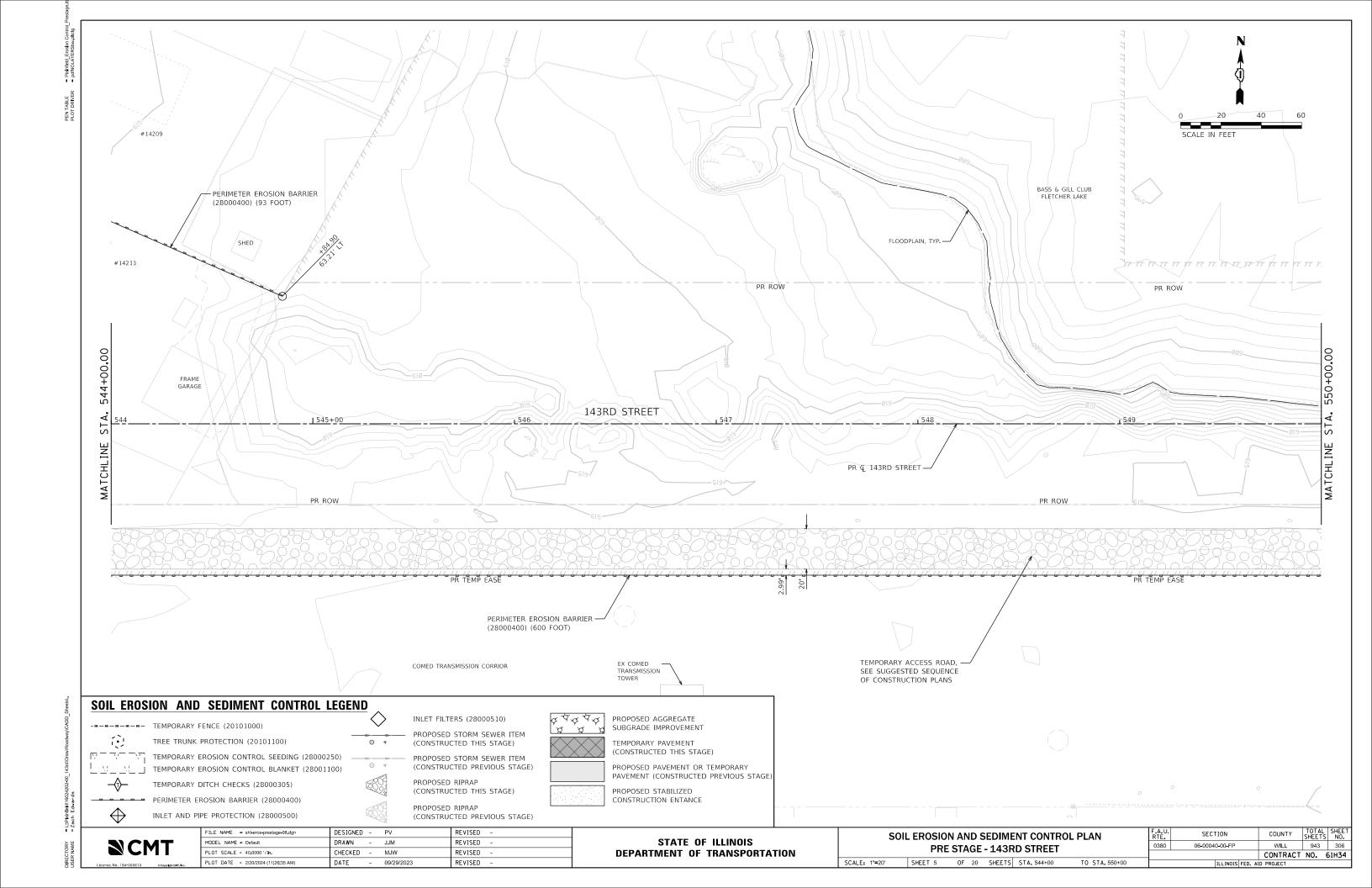
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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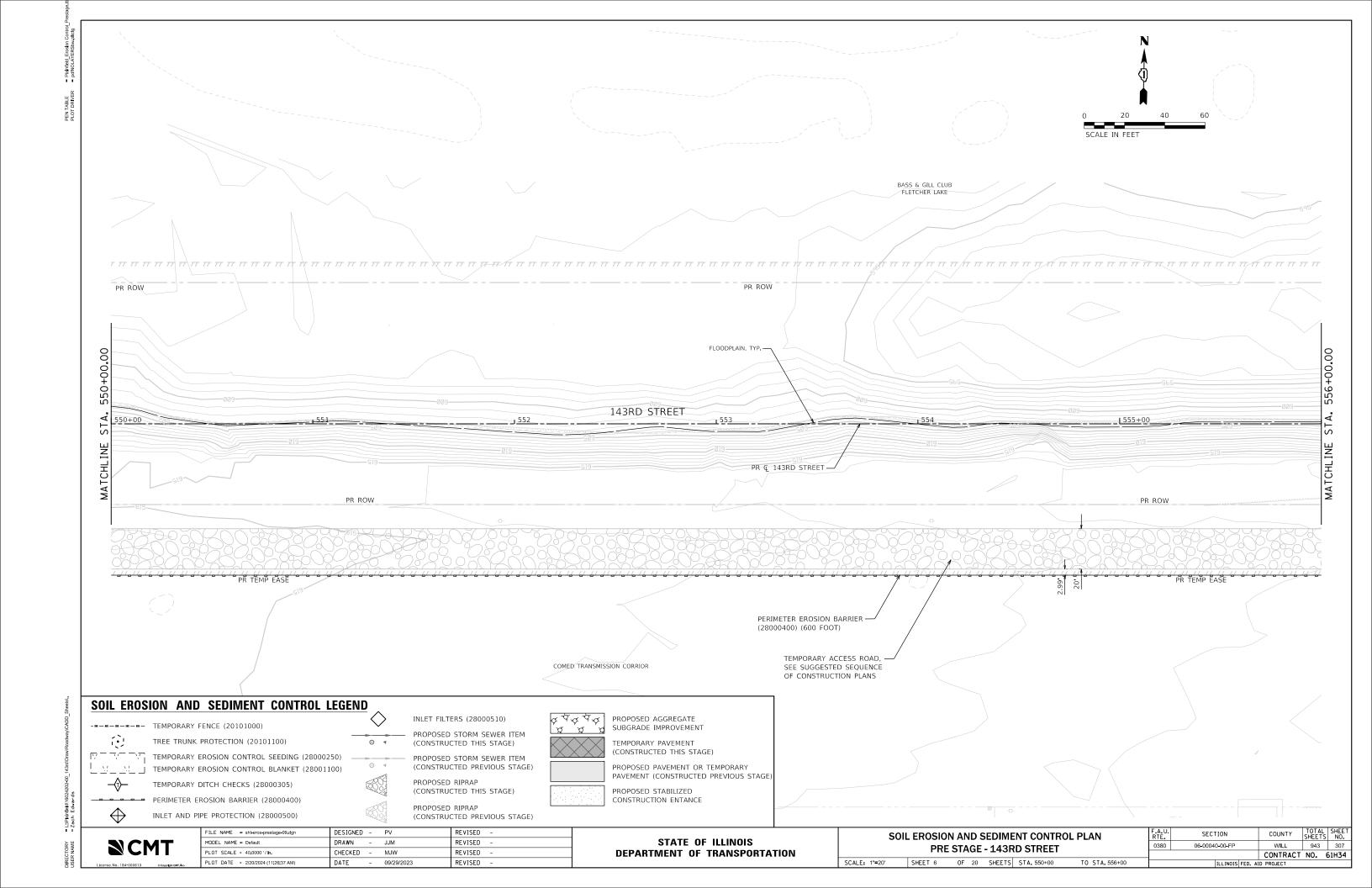


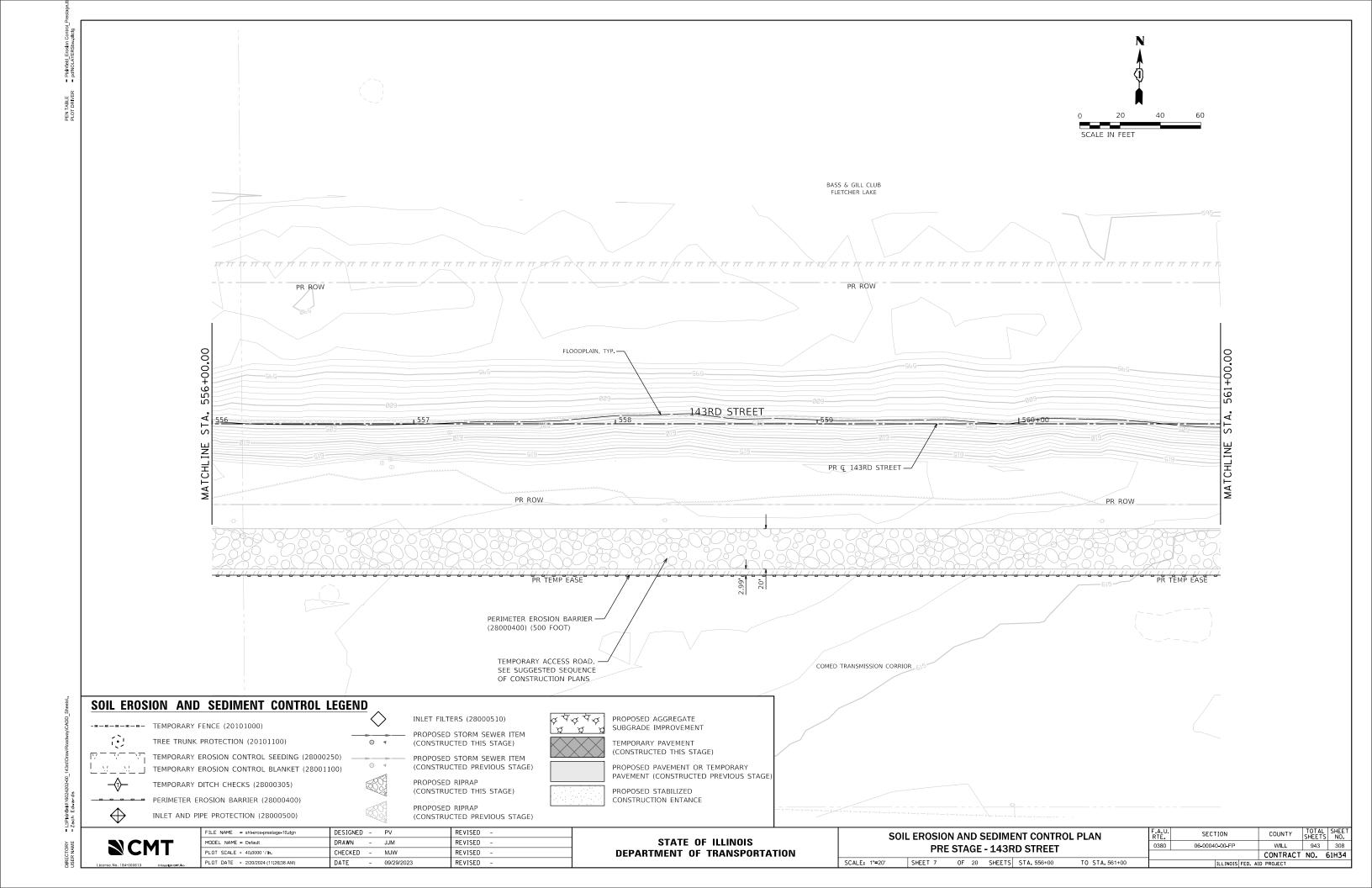


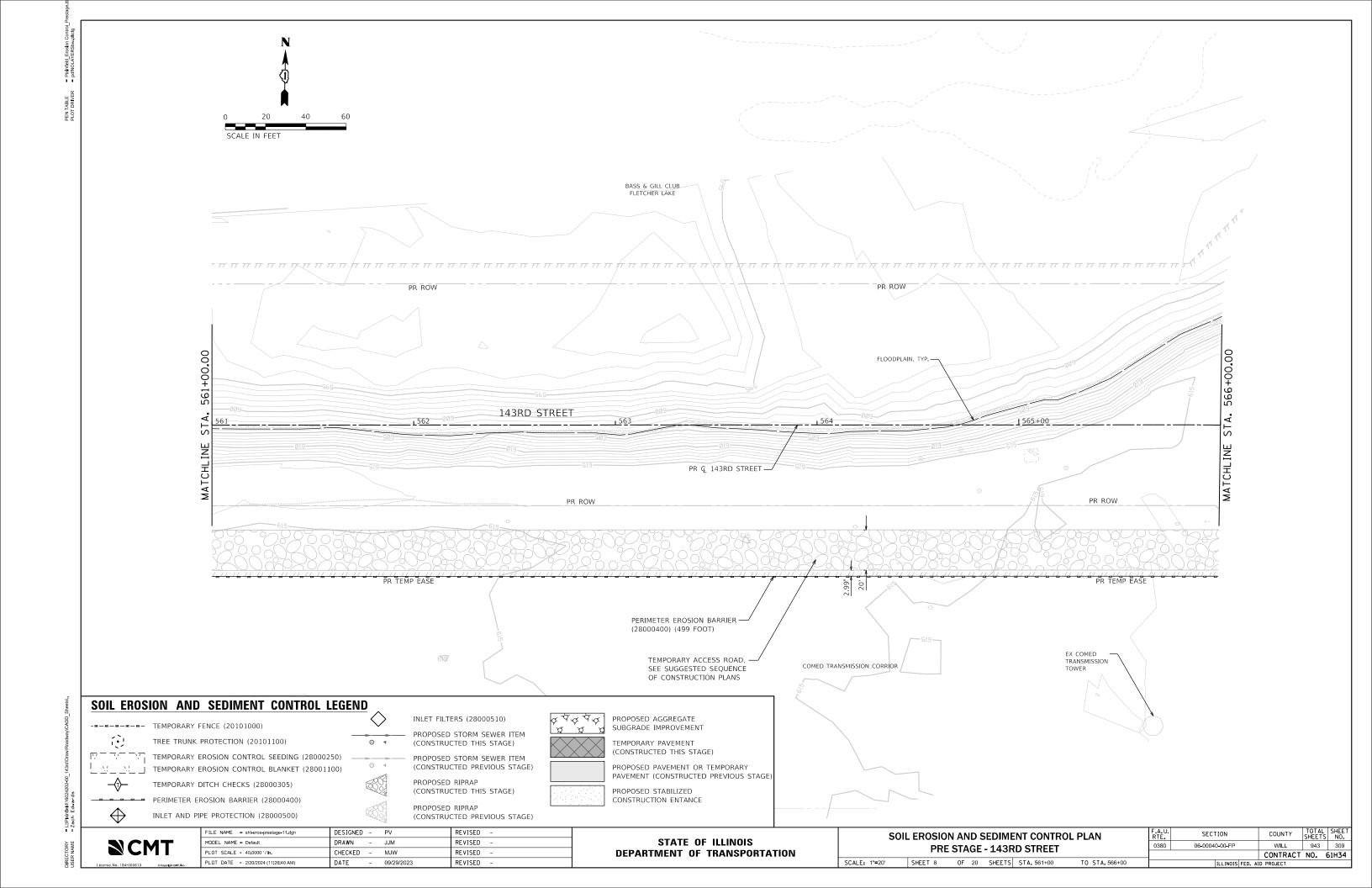


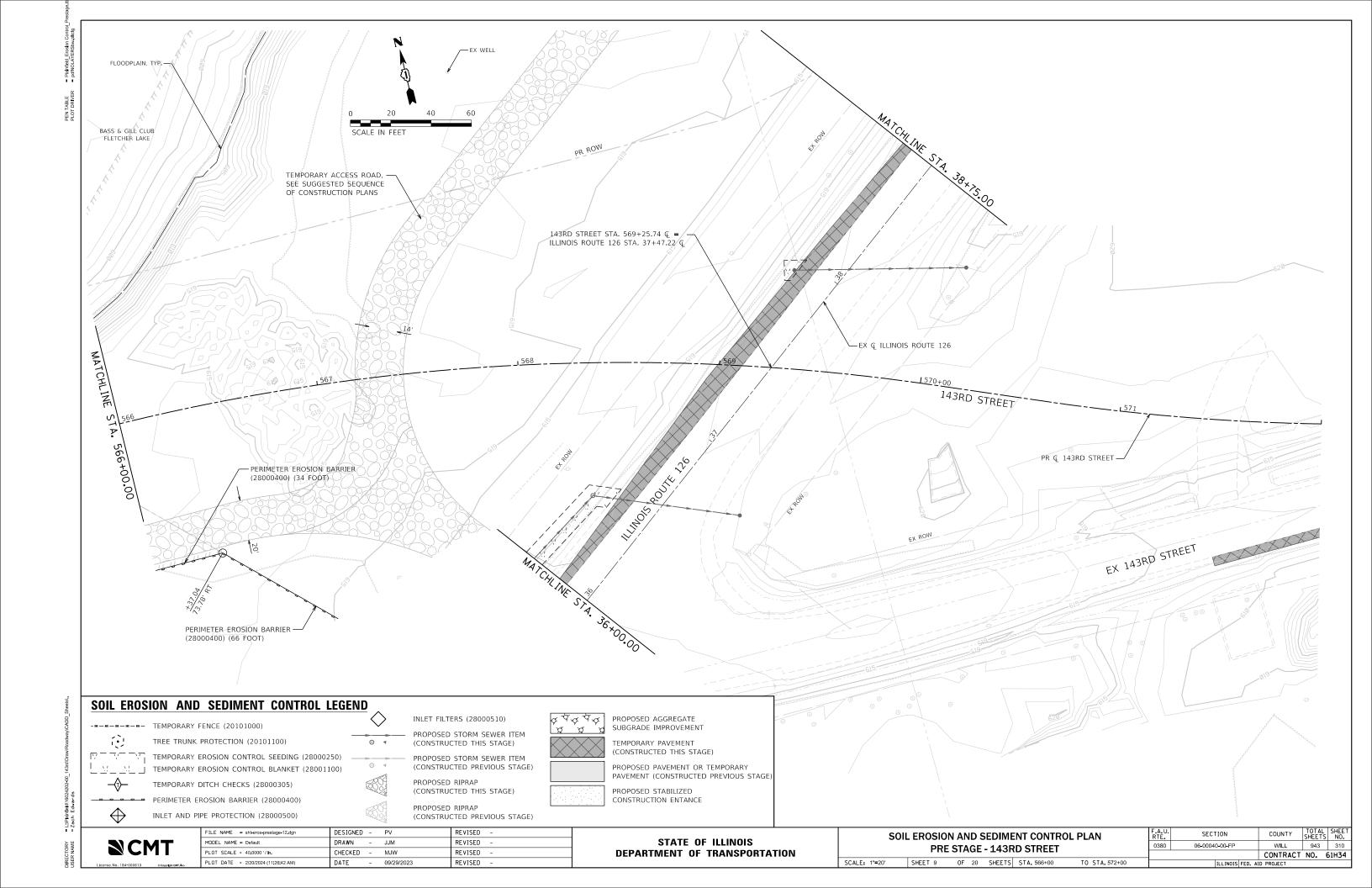


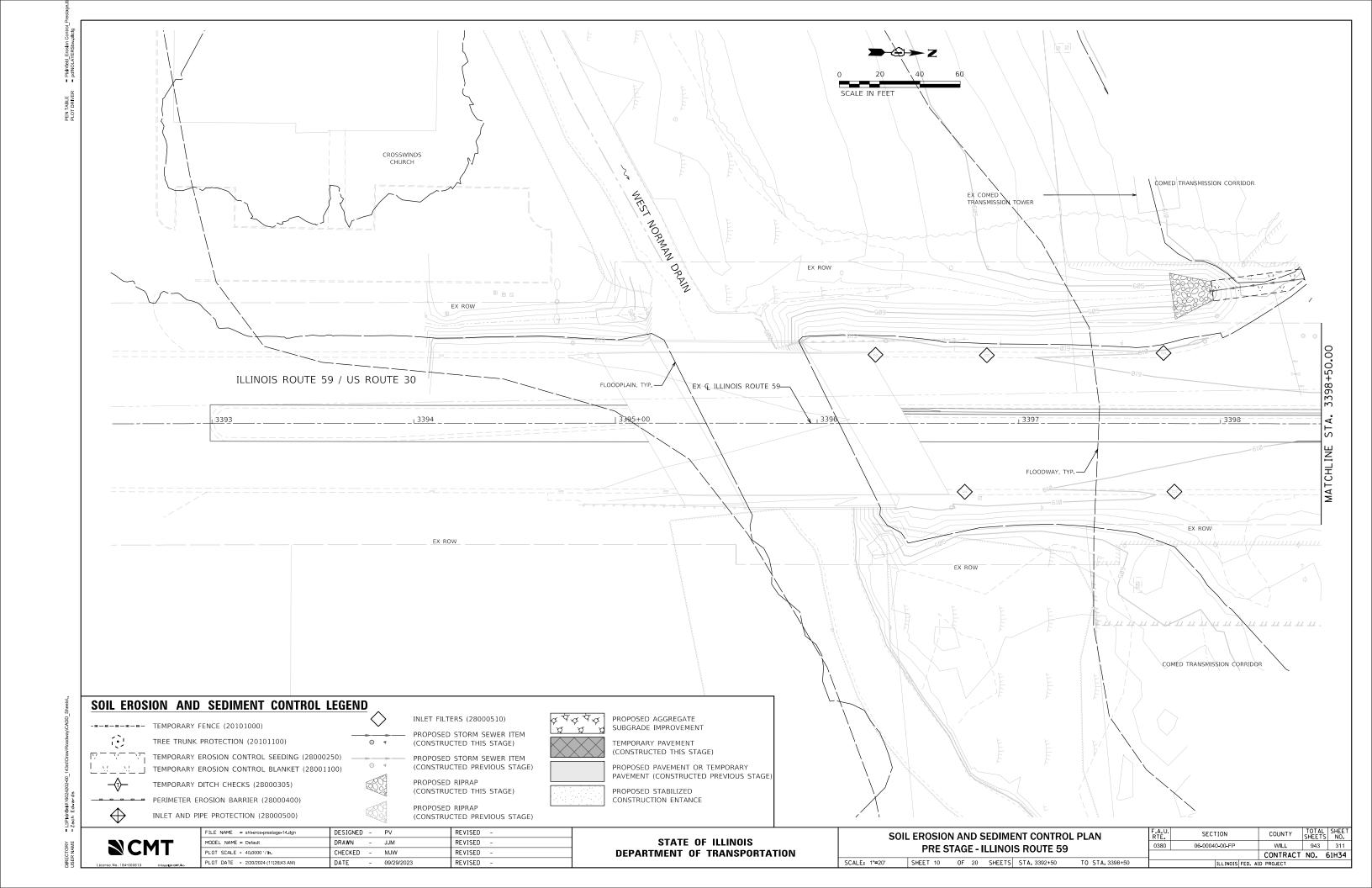


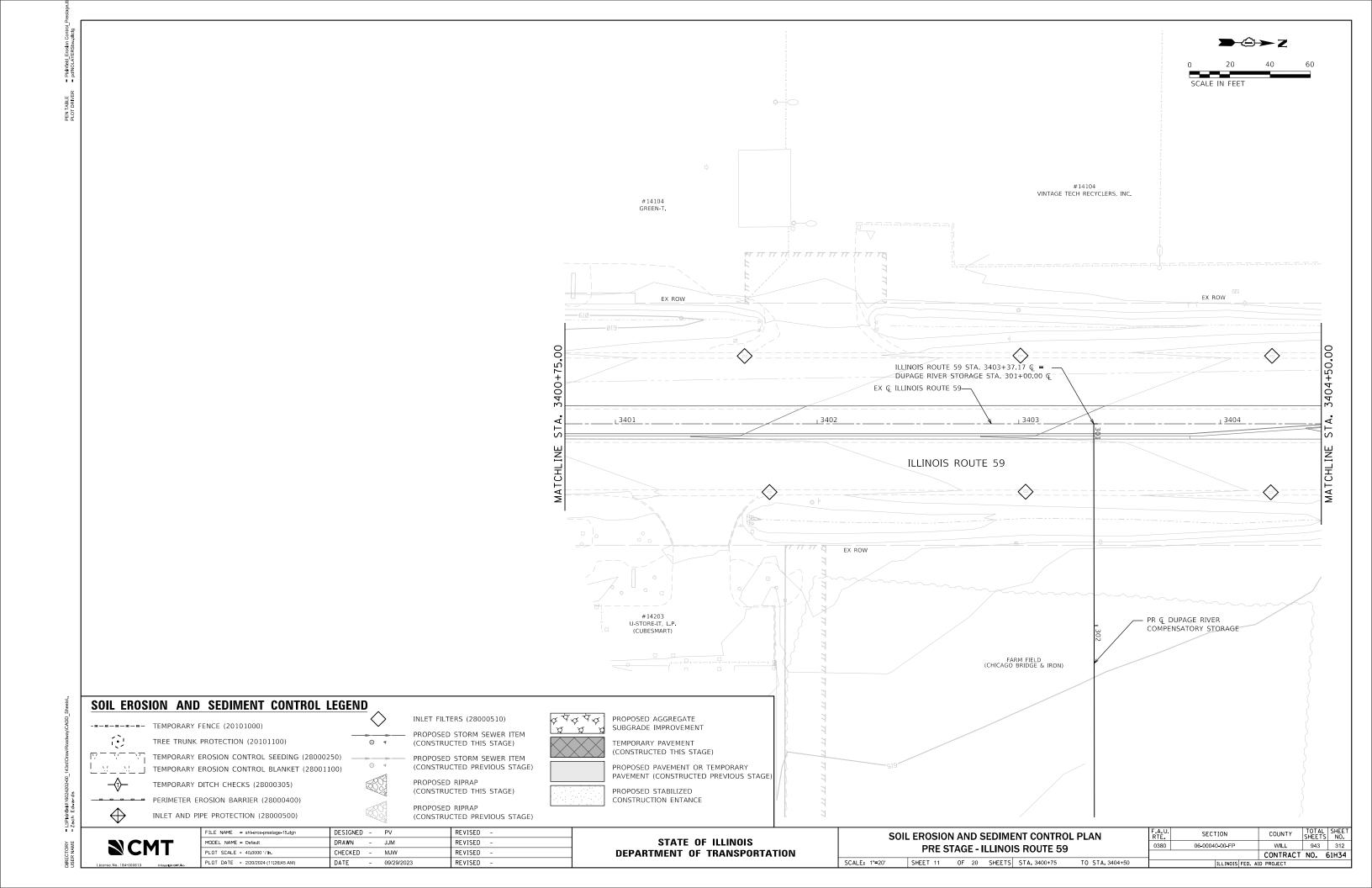


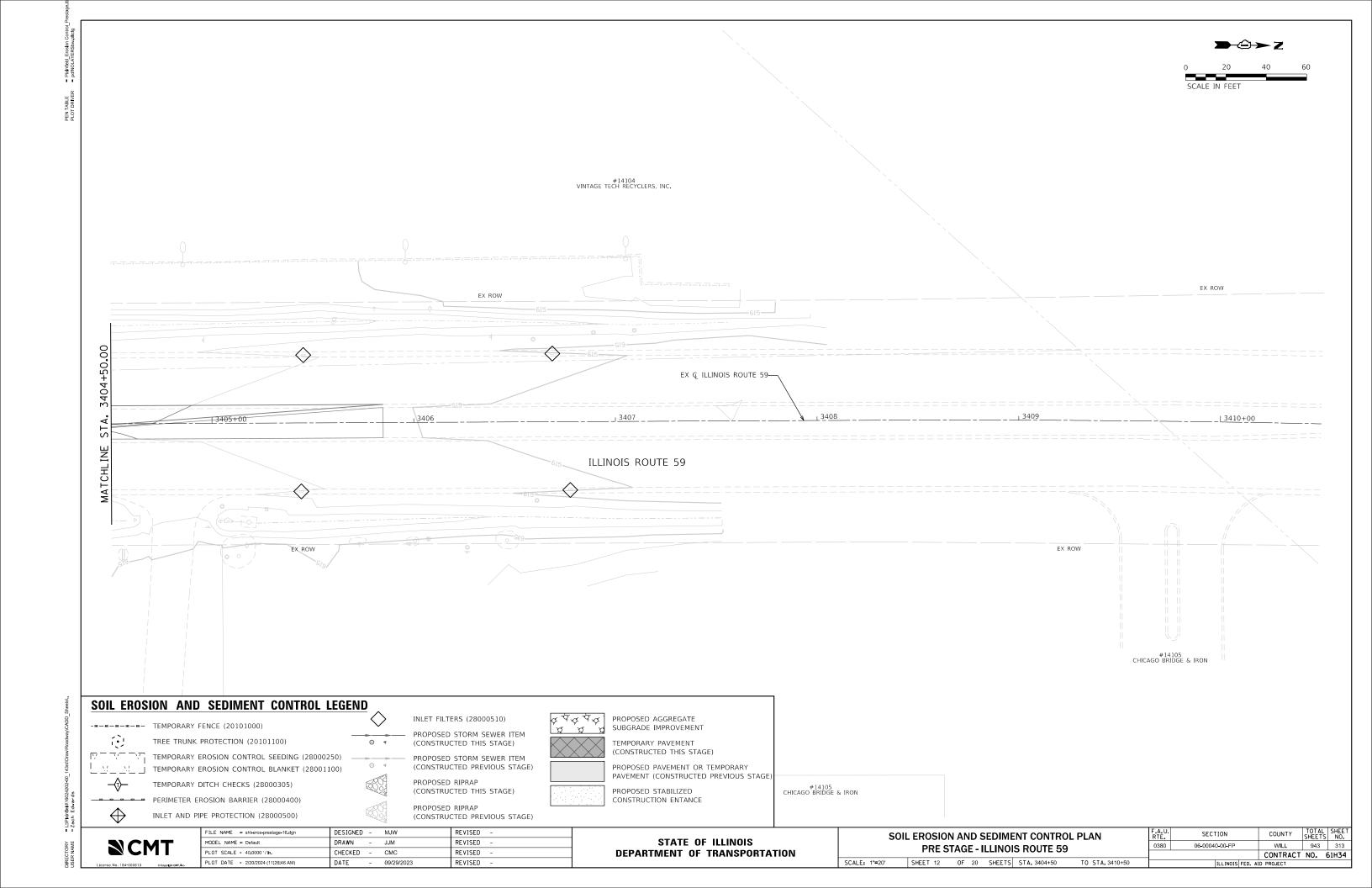


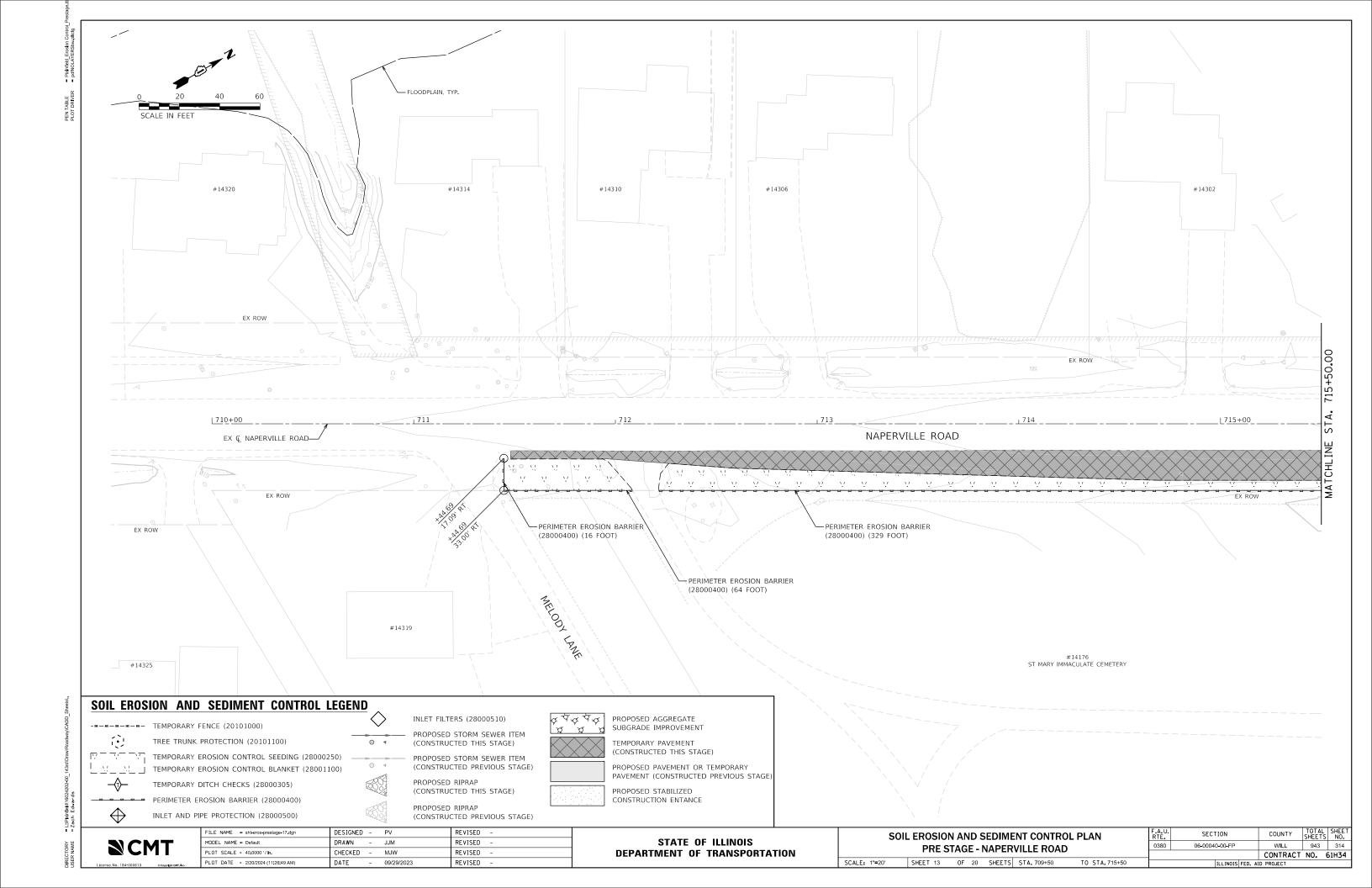


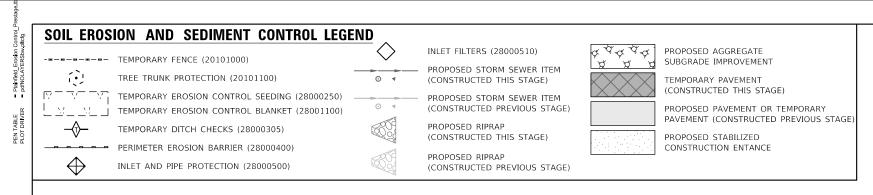


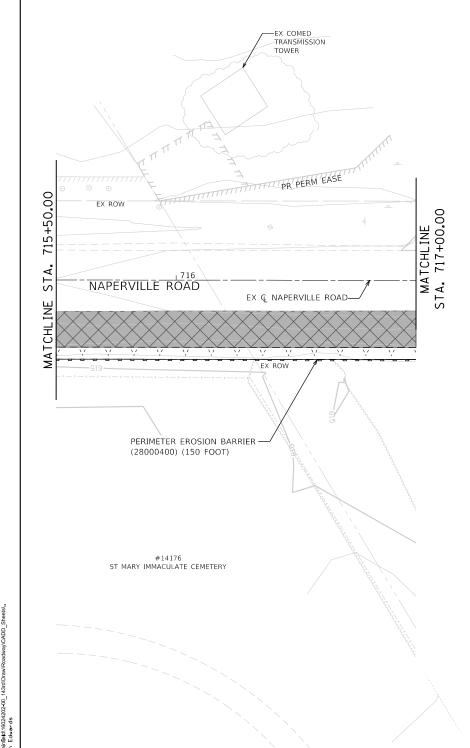


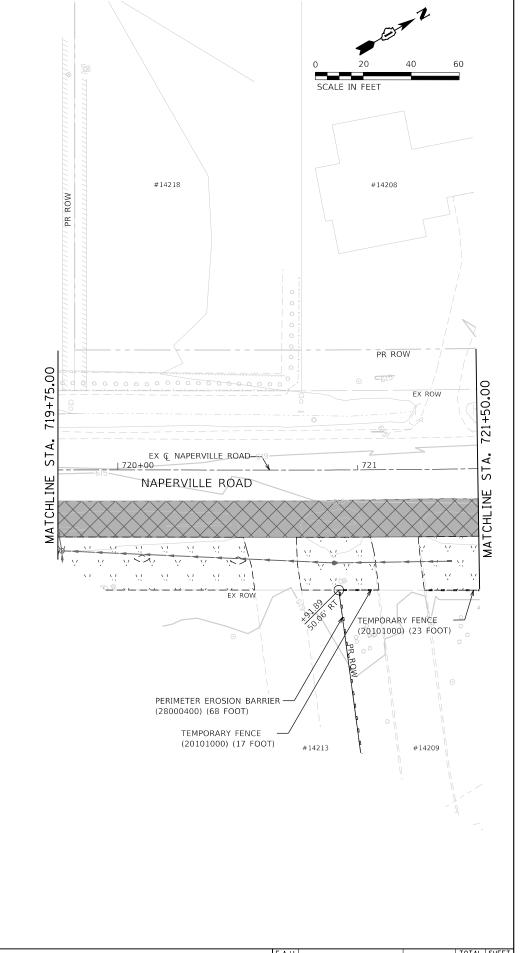










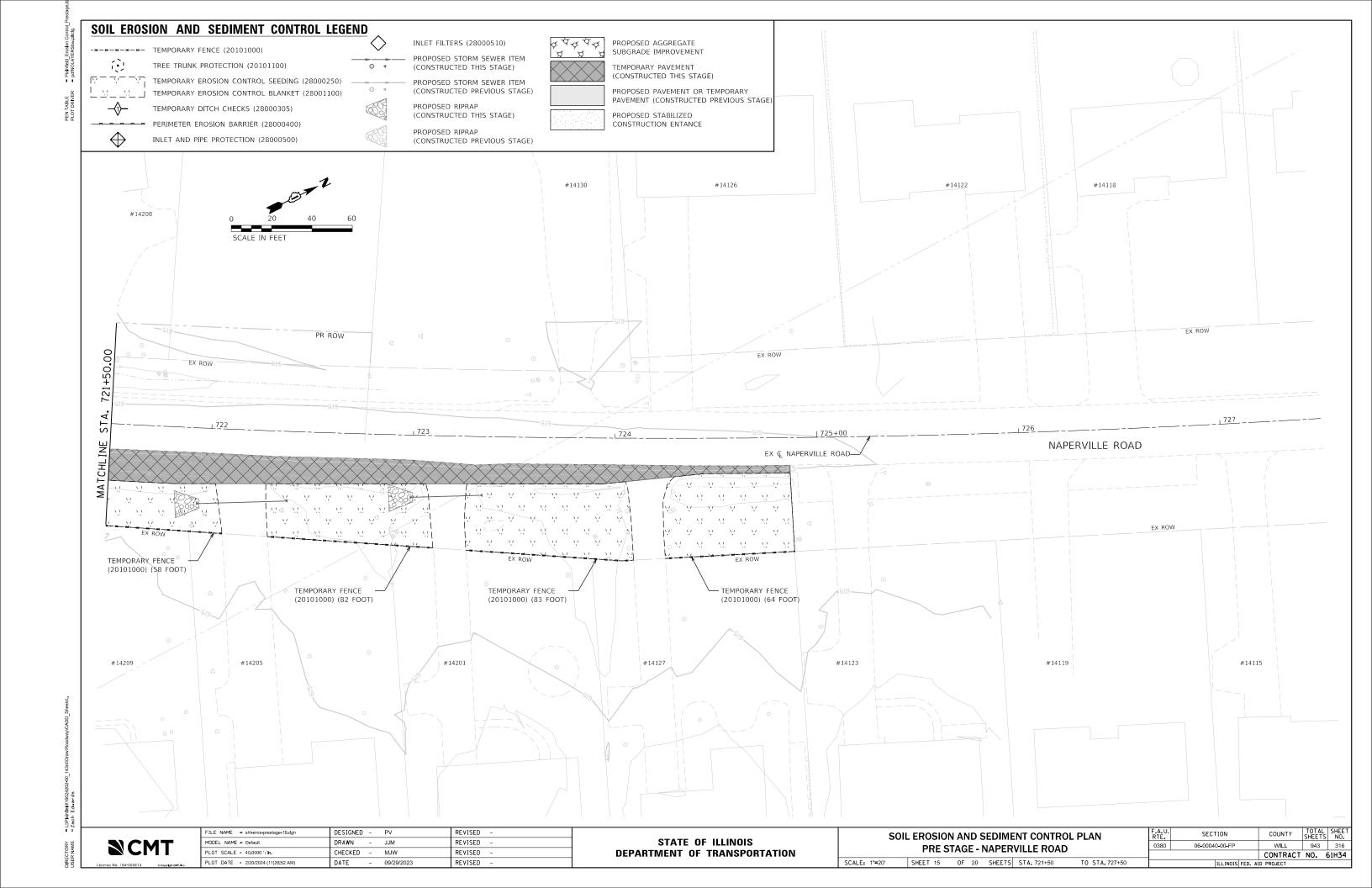


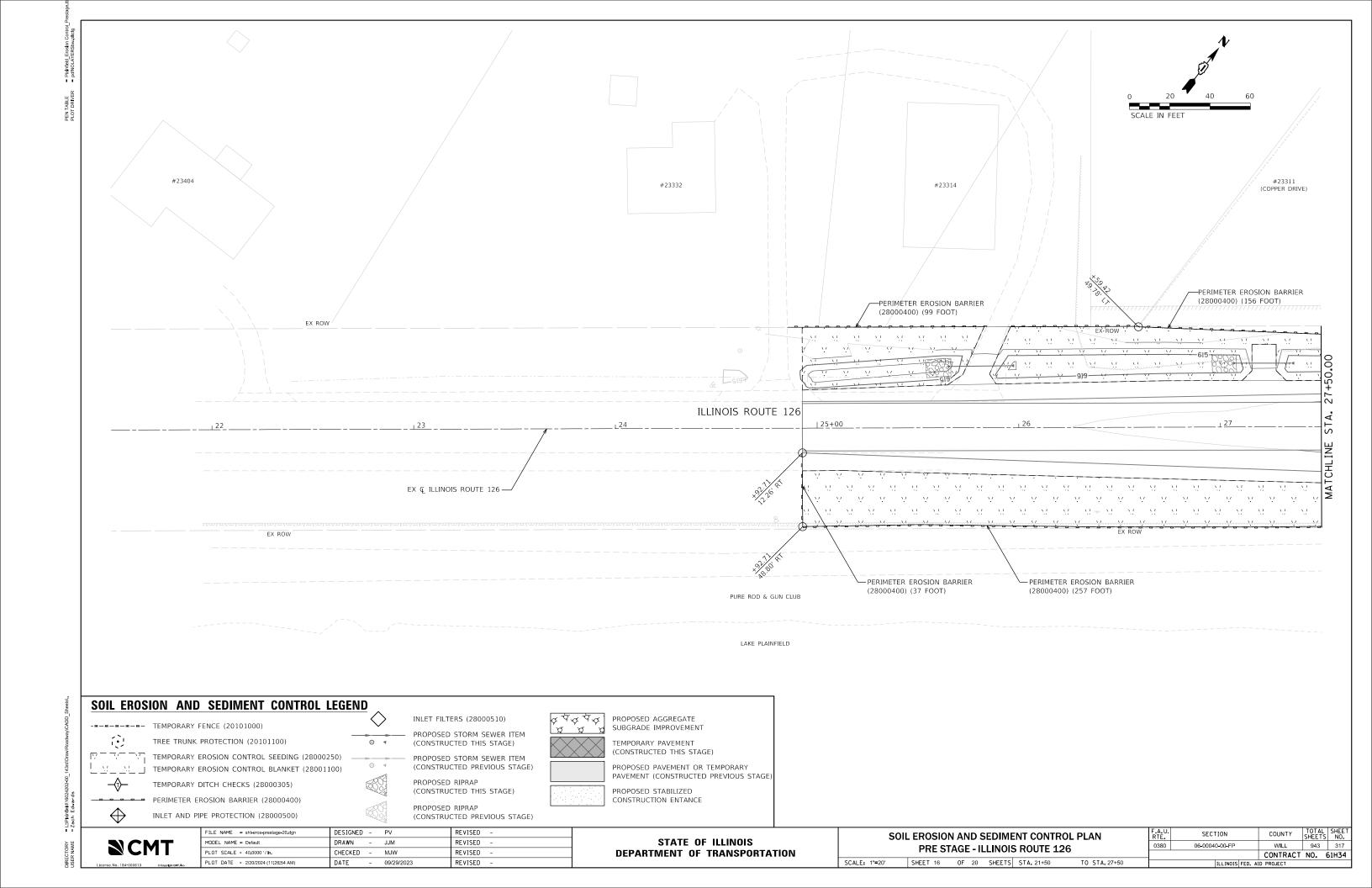
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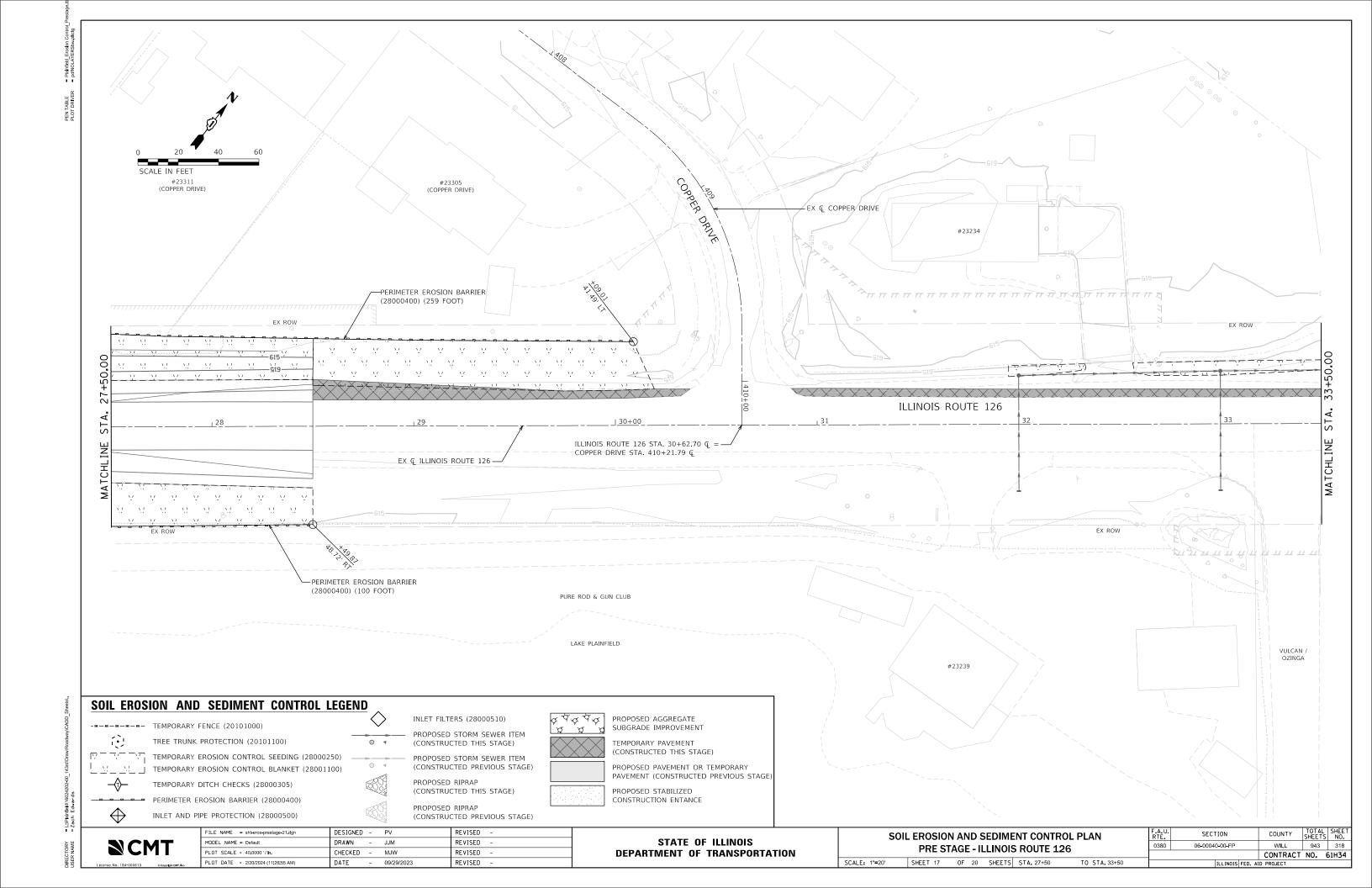
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

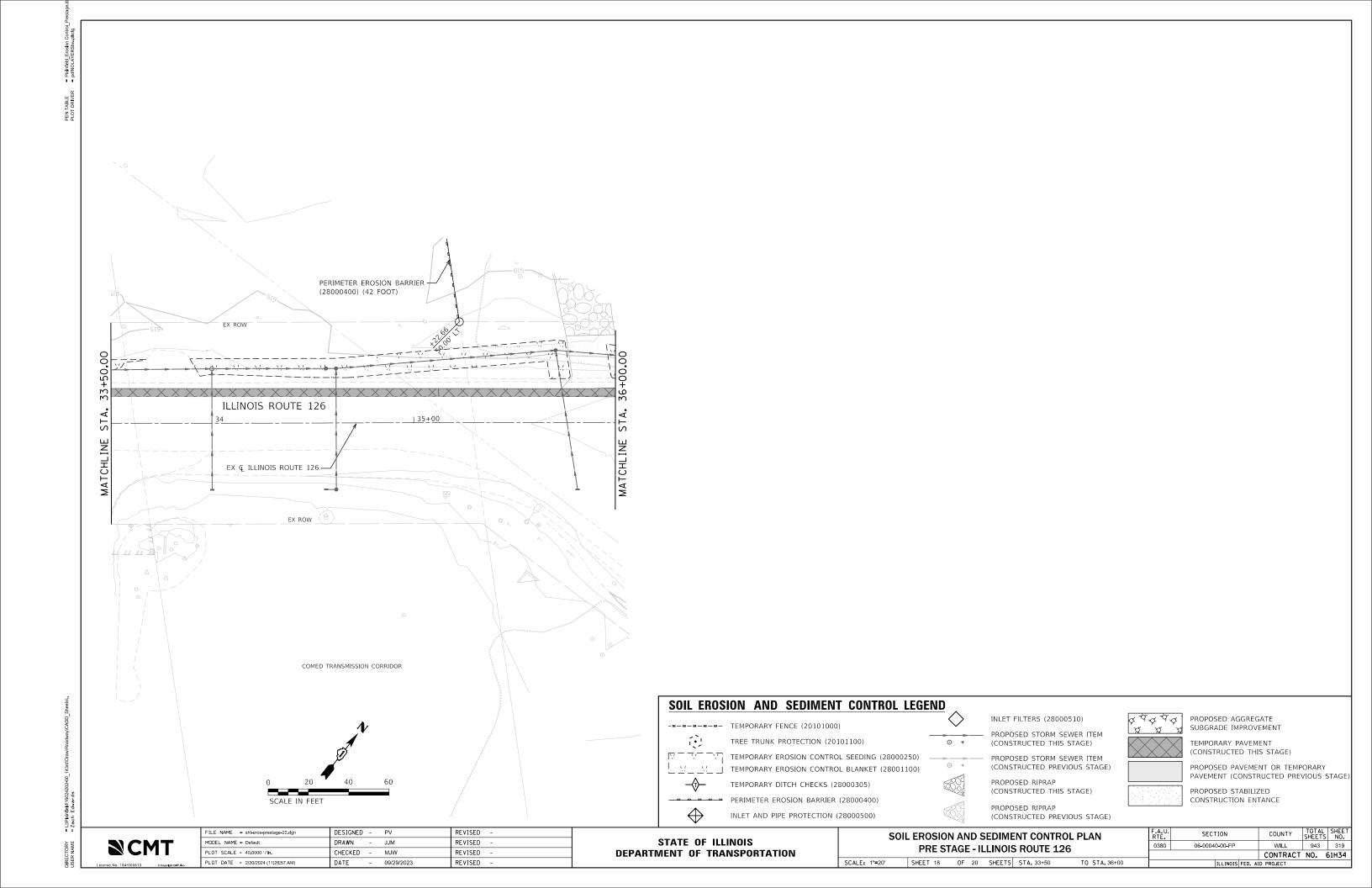
SOIL EROSION AND SEDIMENT CONTROL PLAN
PRE STAGE - NAPERVILLE ROAD

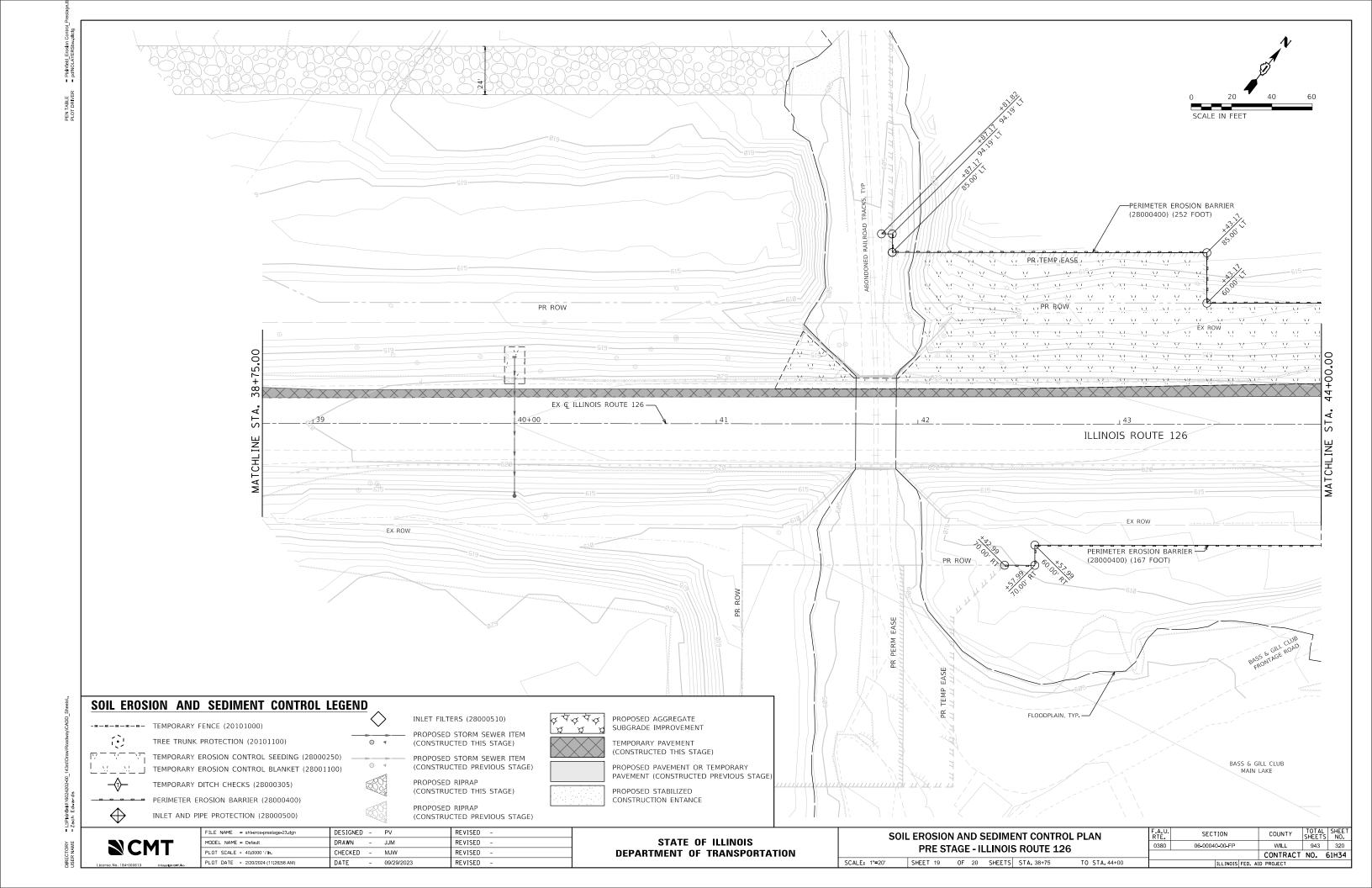
SHEET 14 OF 20 SHEETS STA. 715+50 TO STA. 721+50

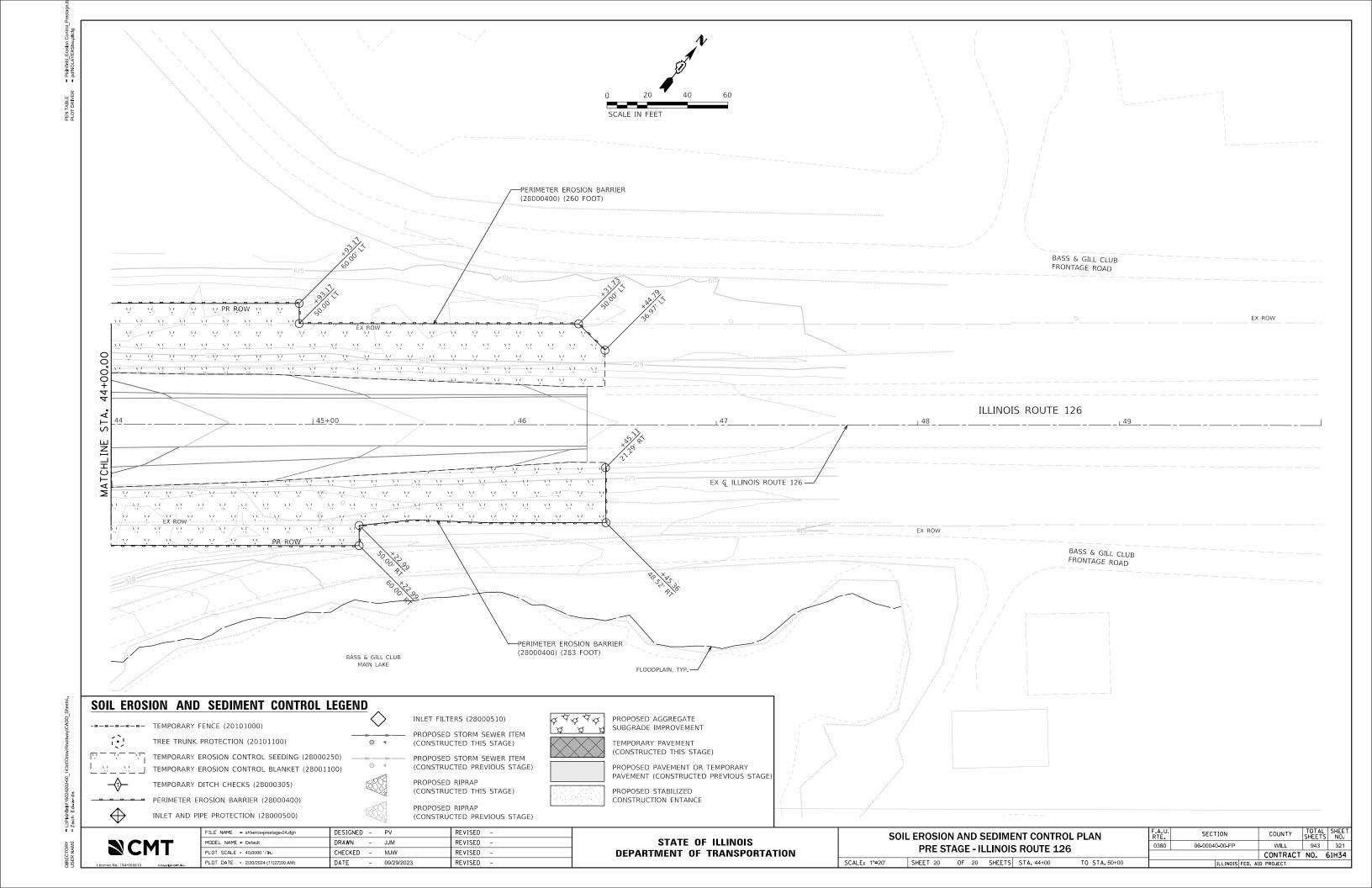


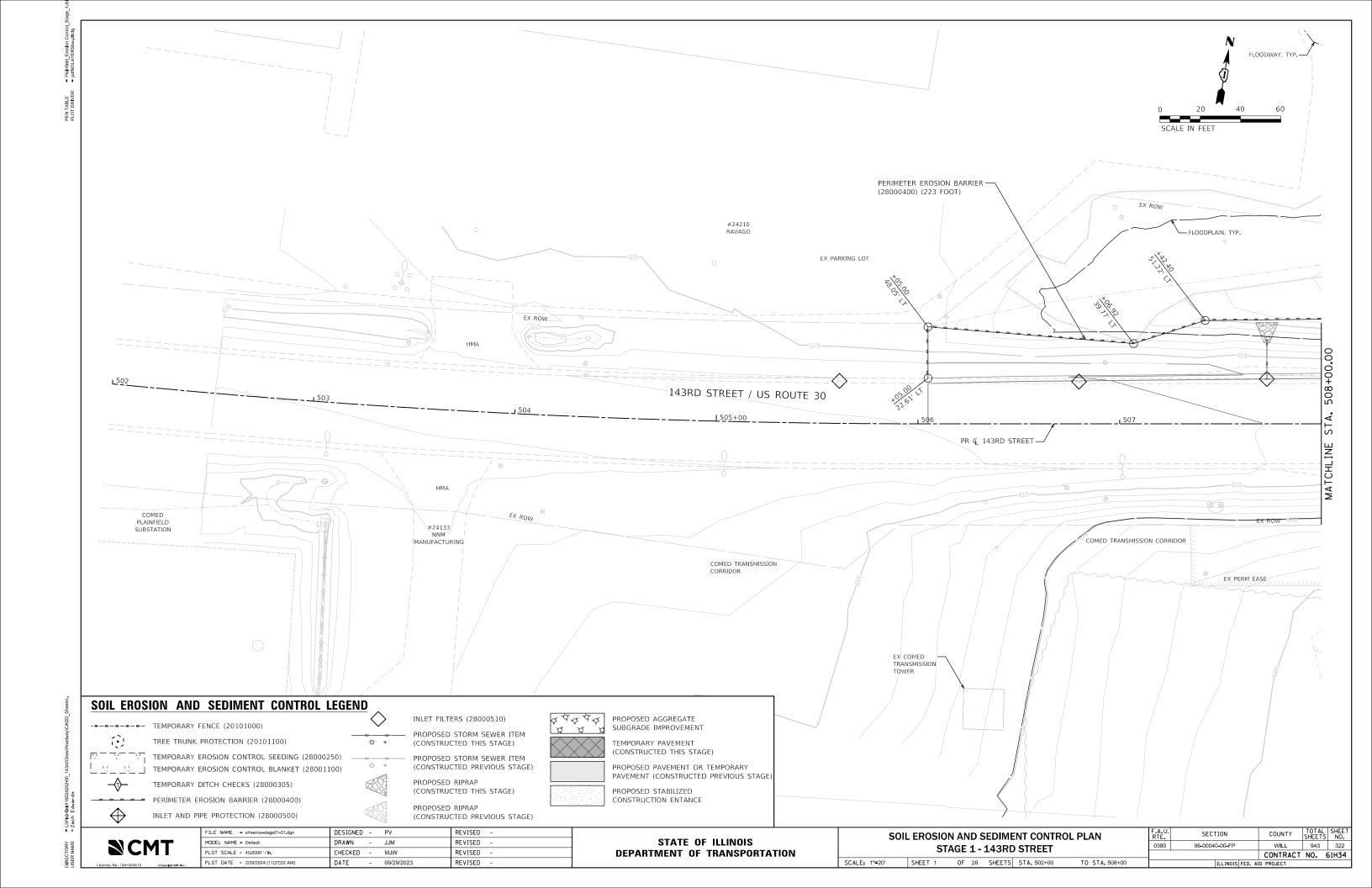


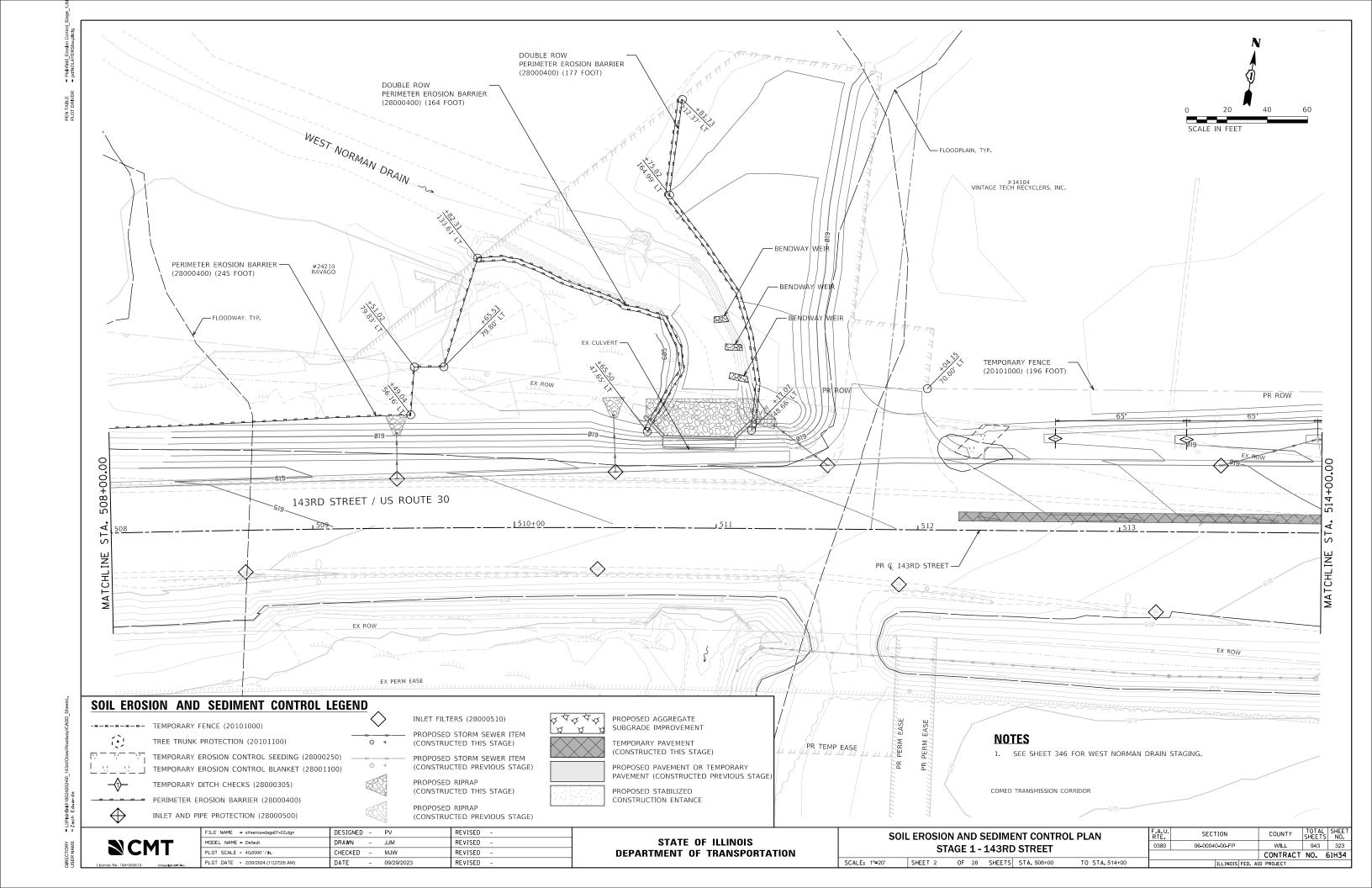


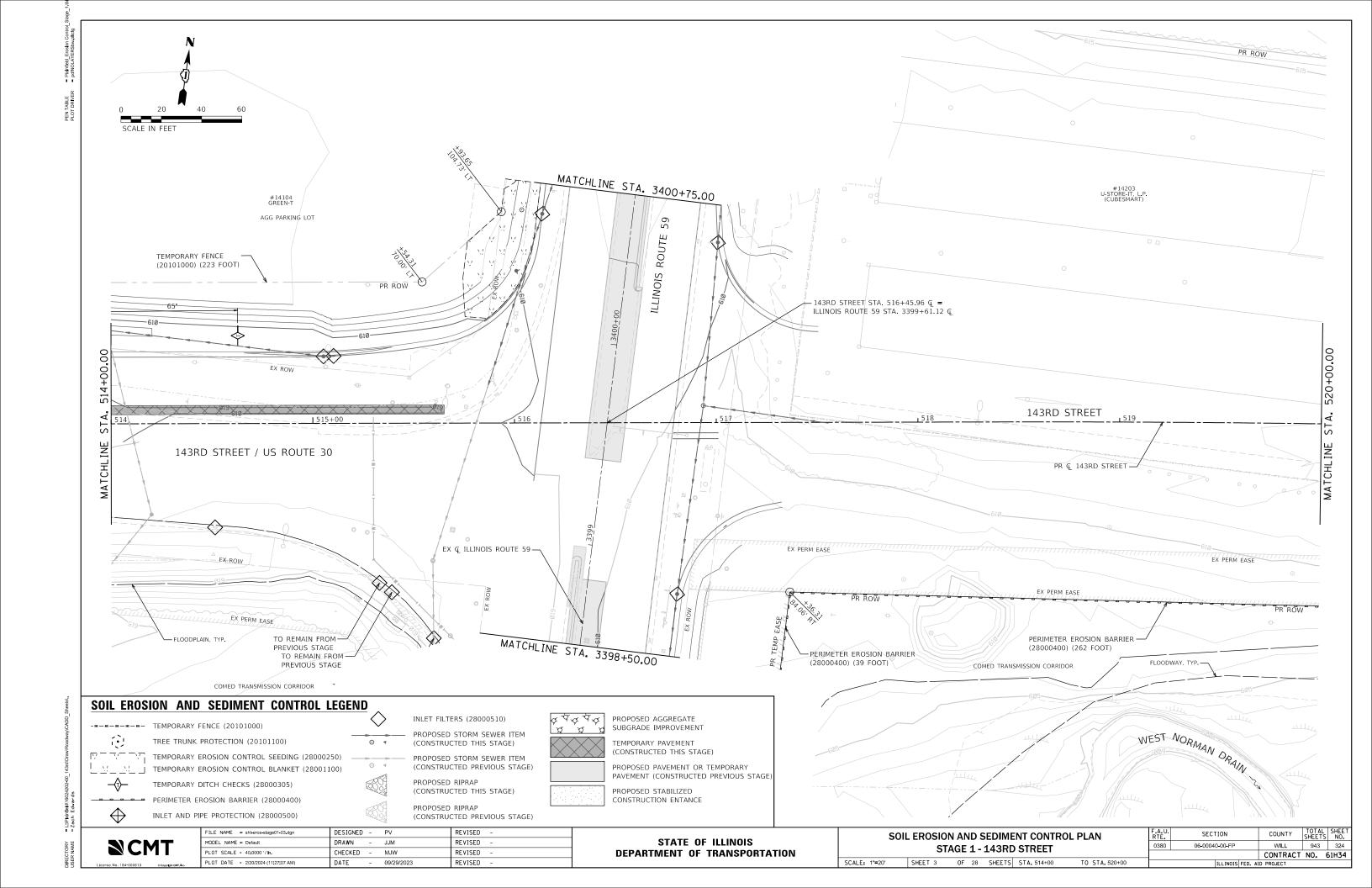


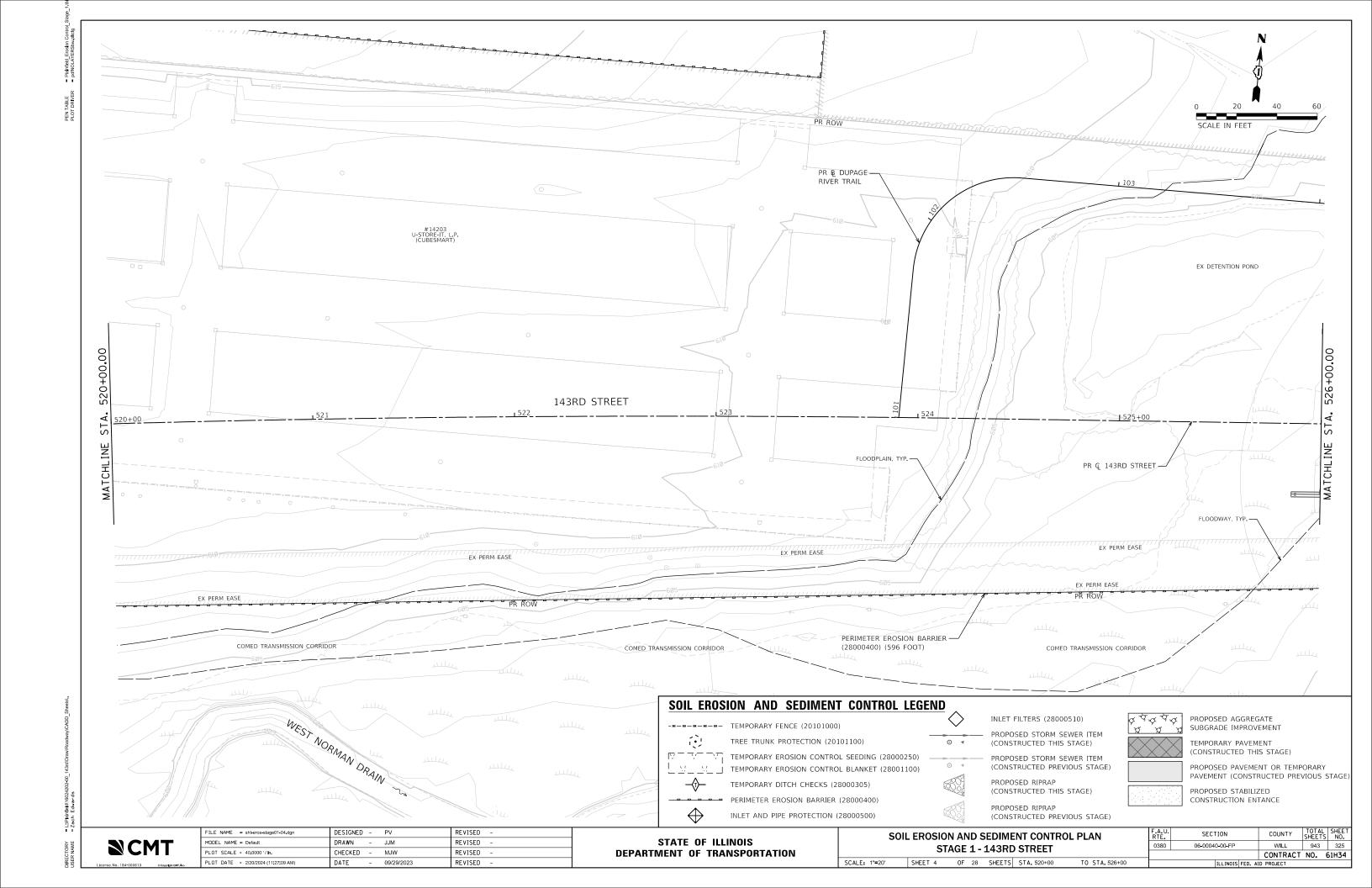


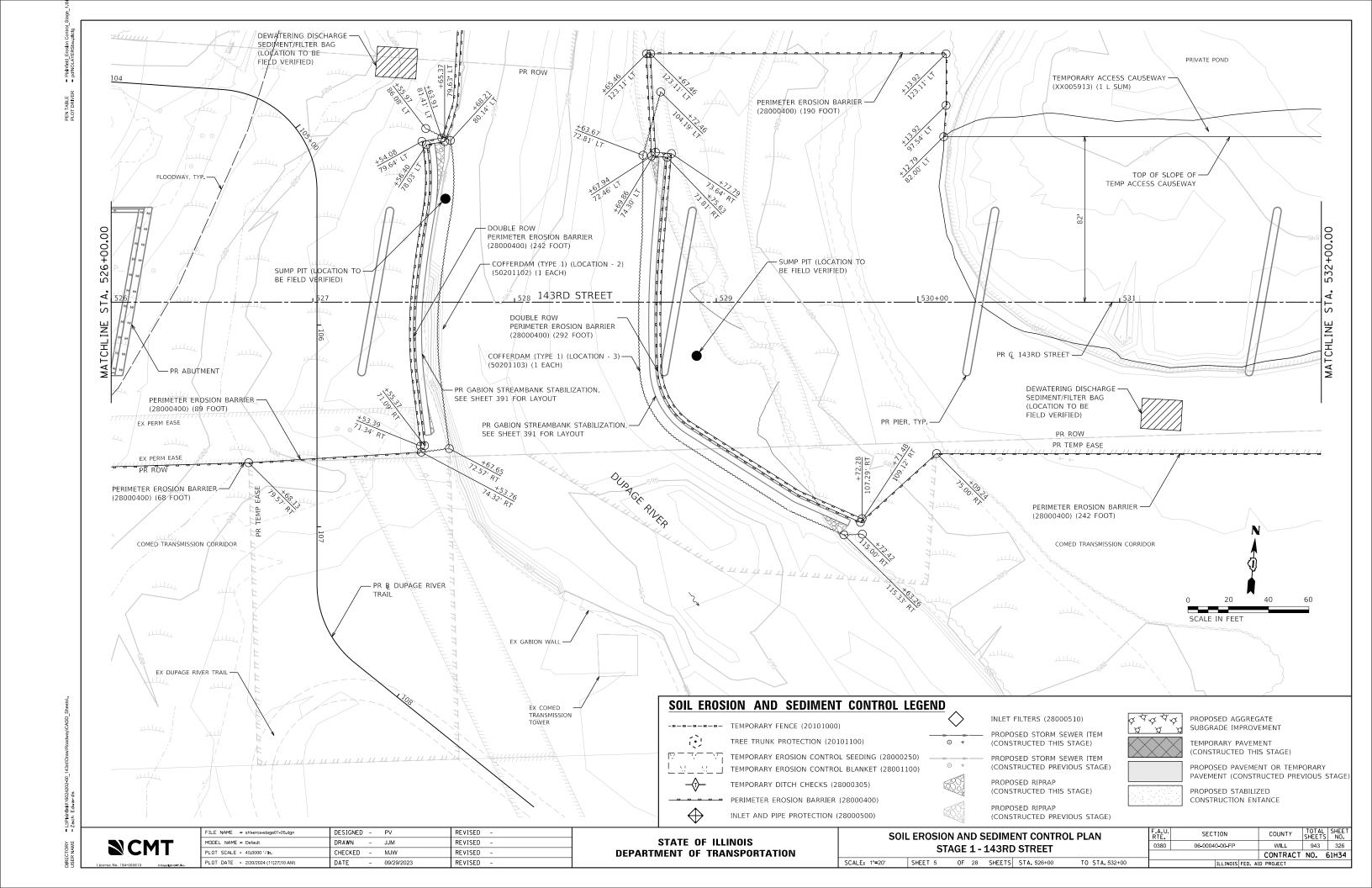


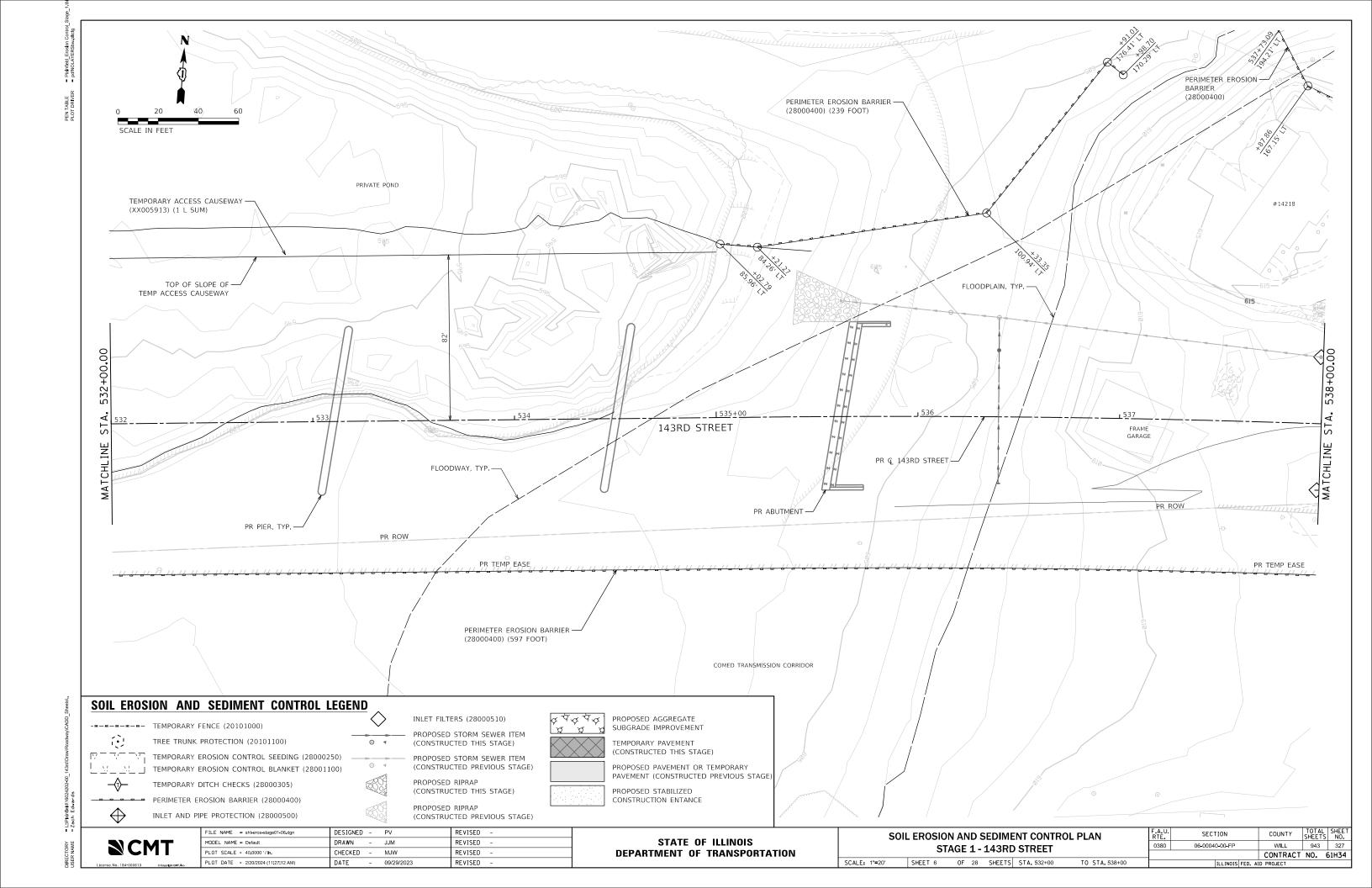


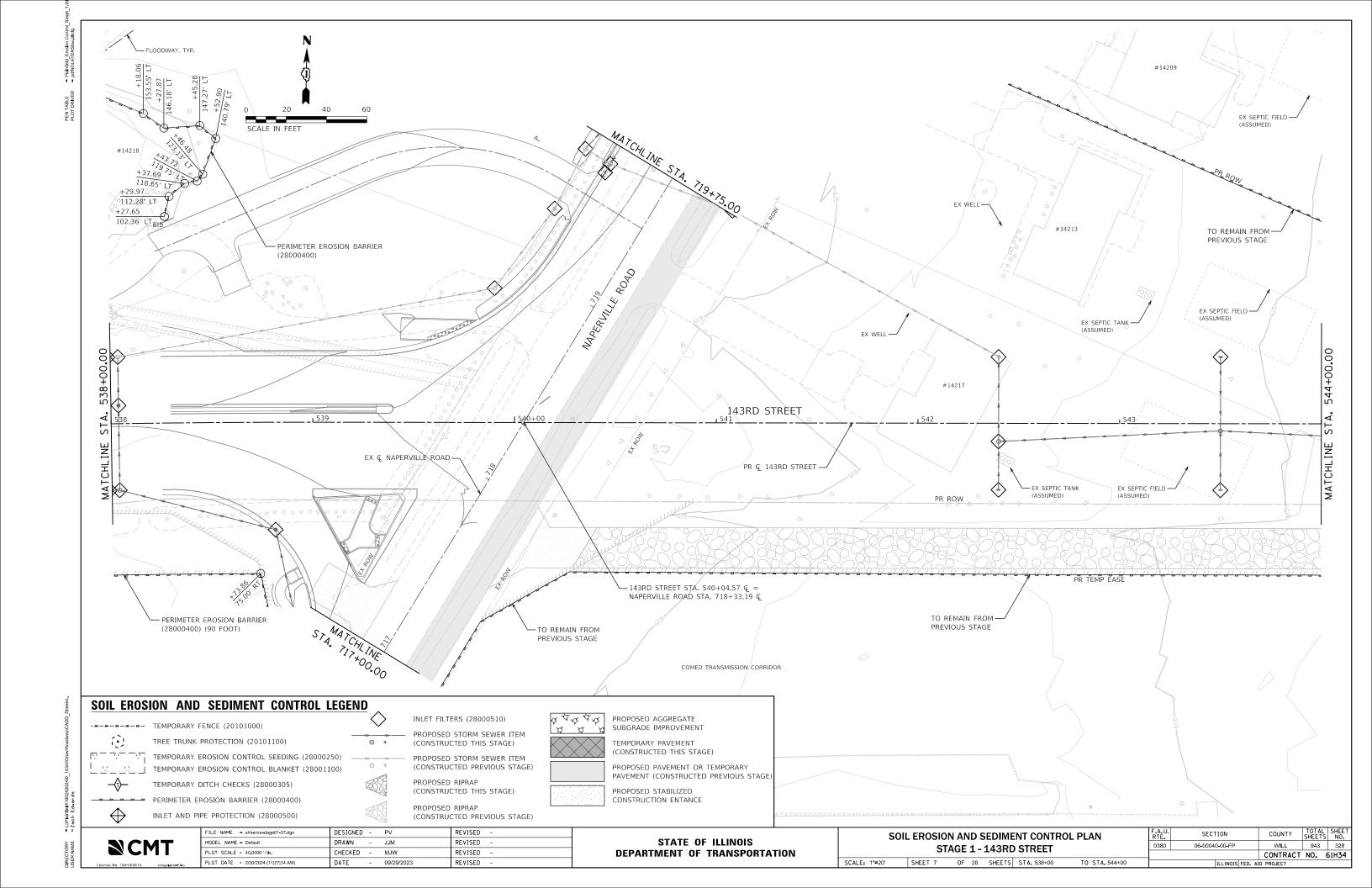


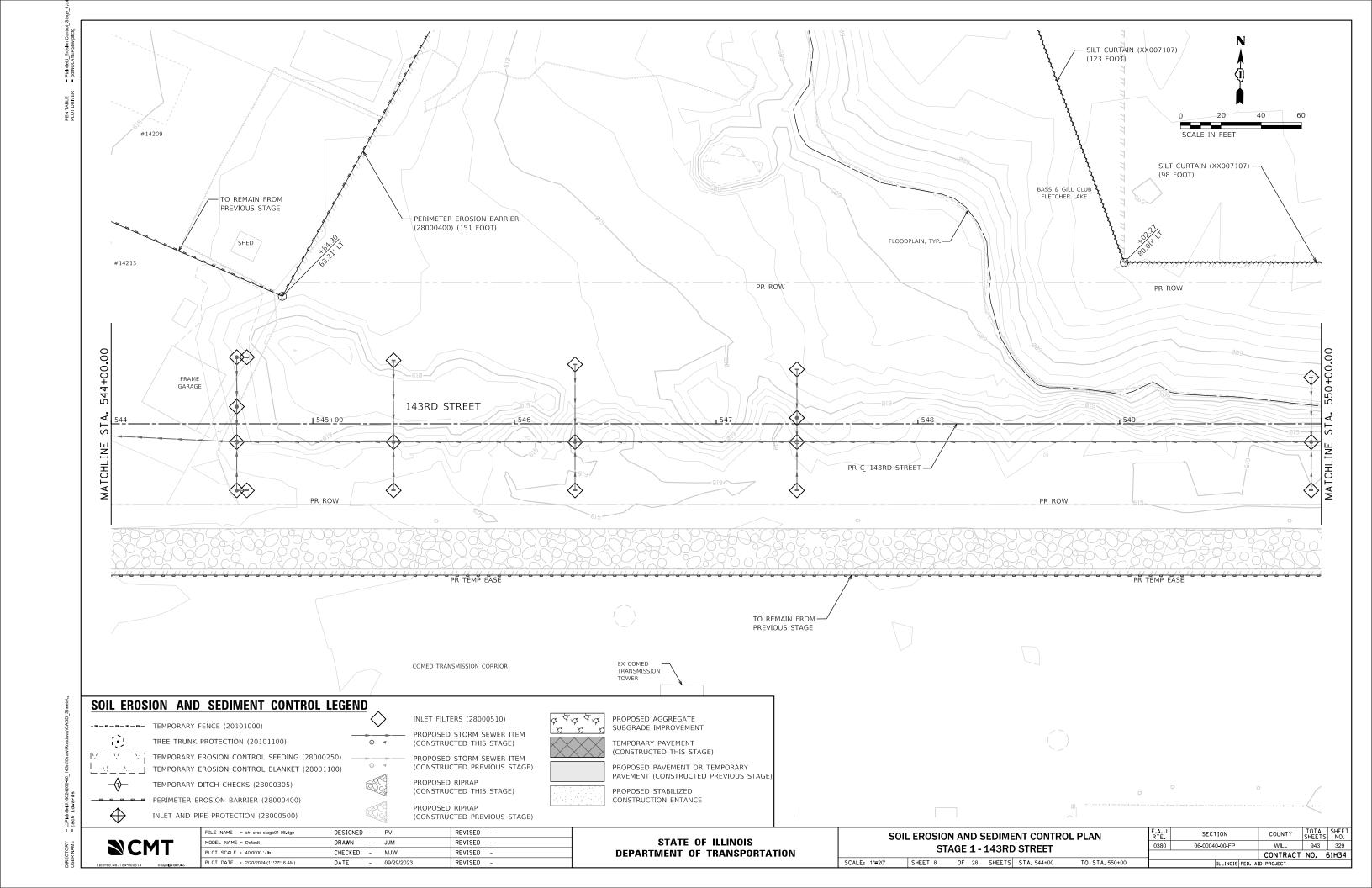


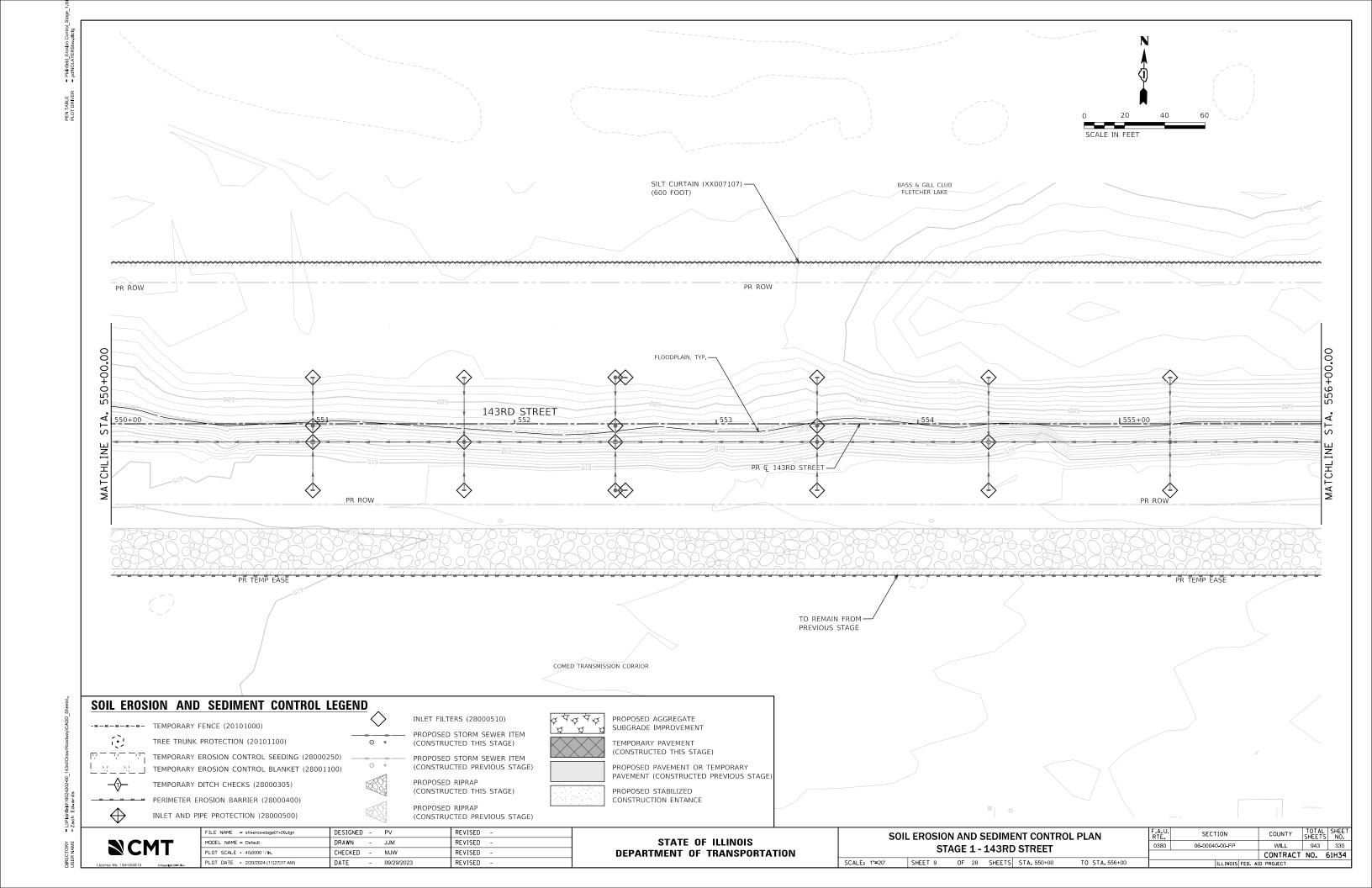


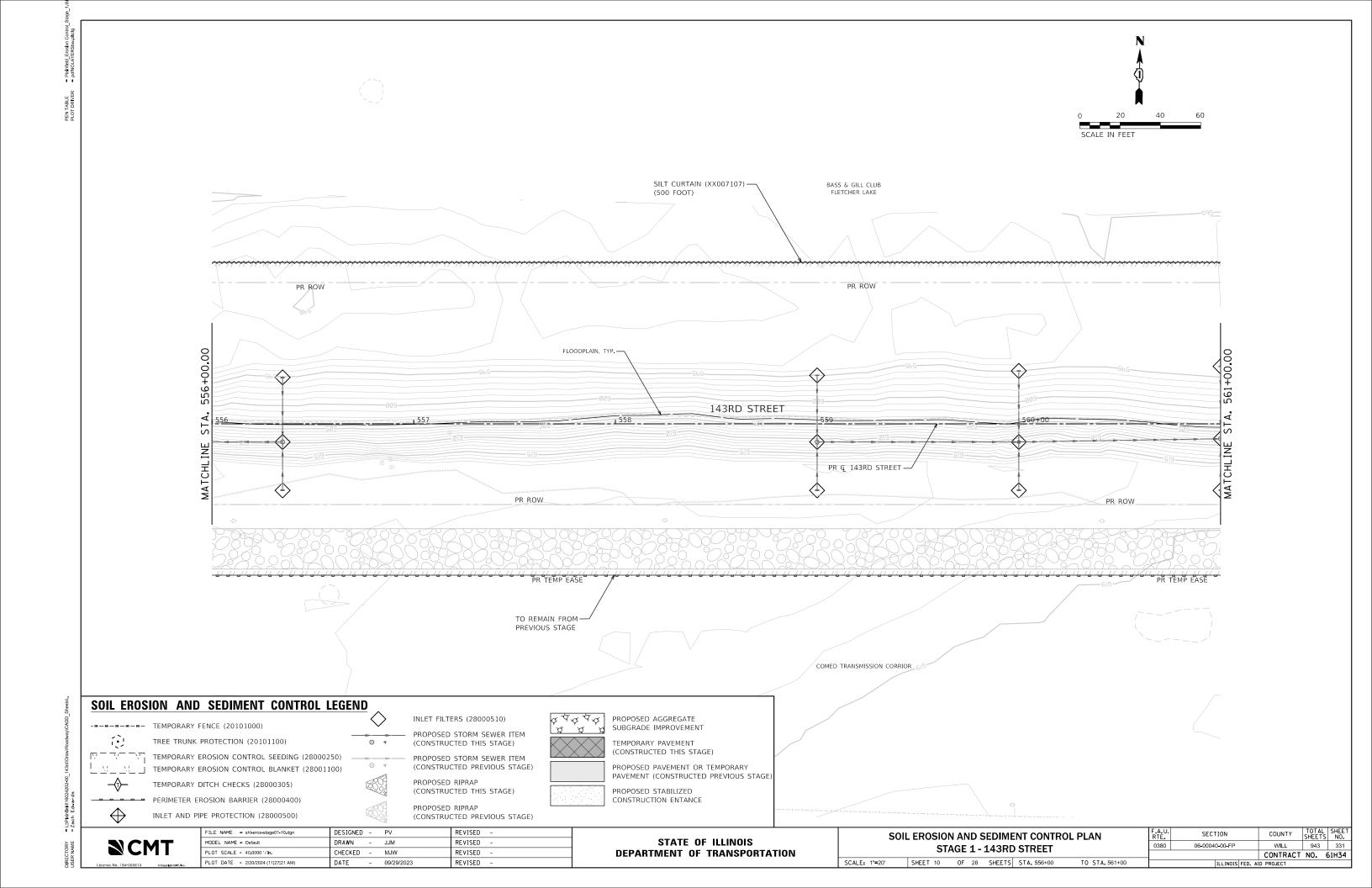


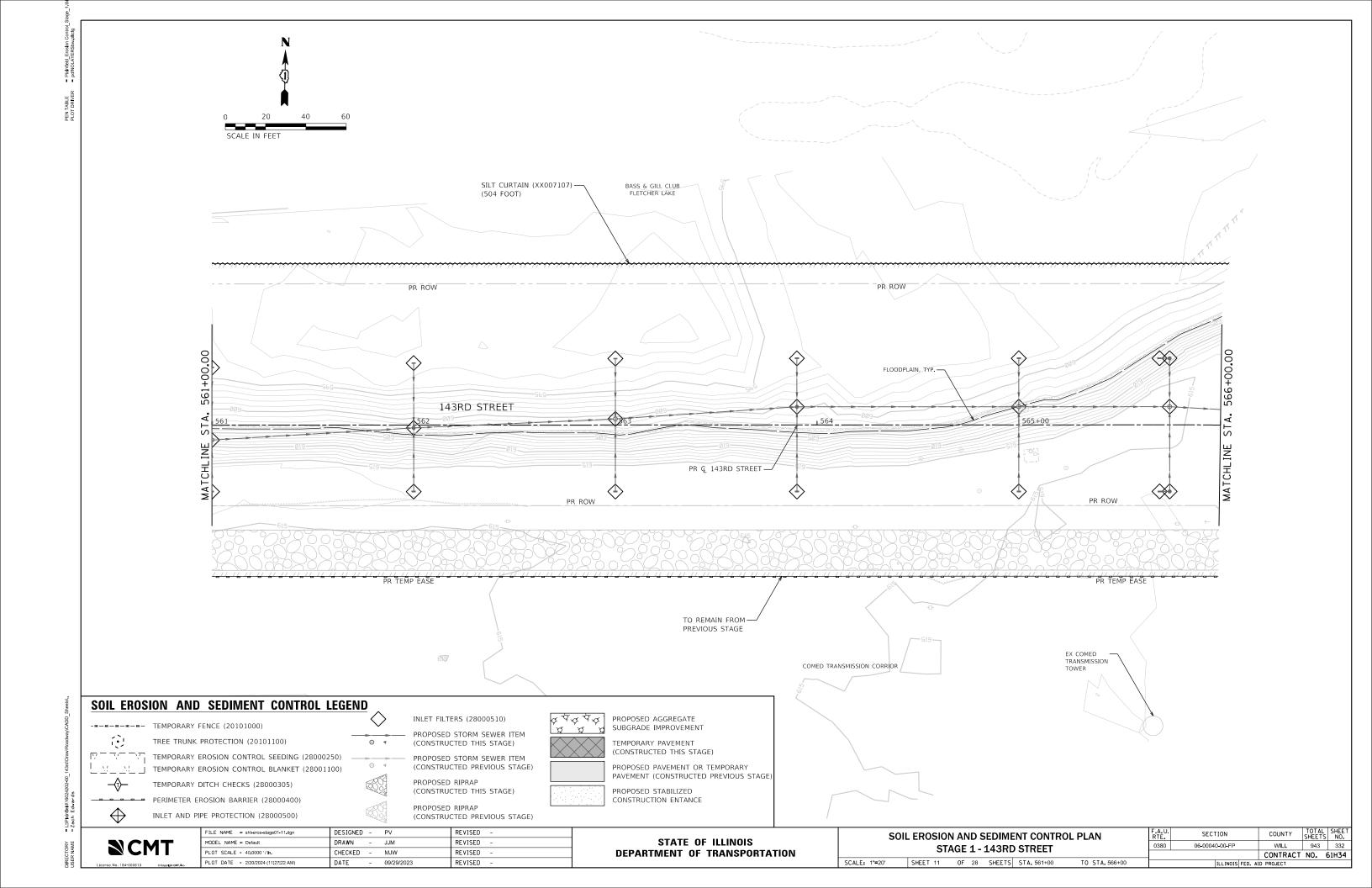


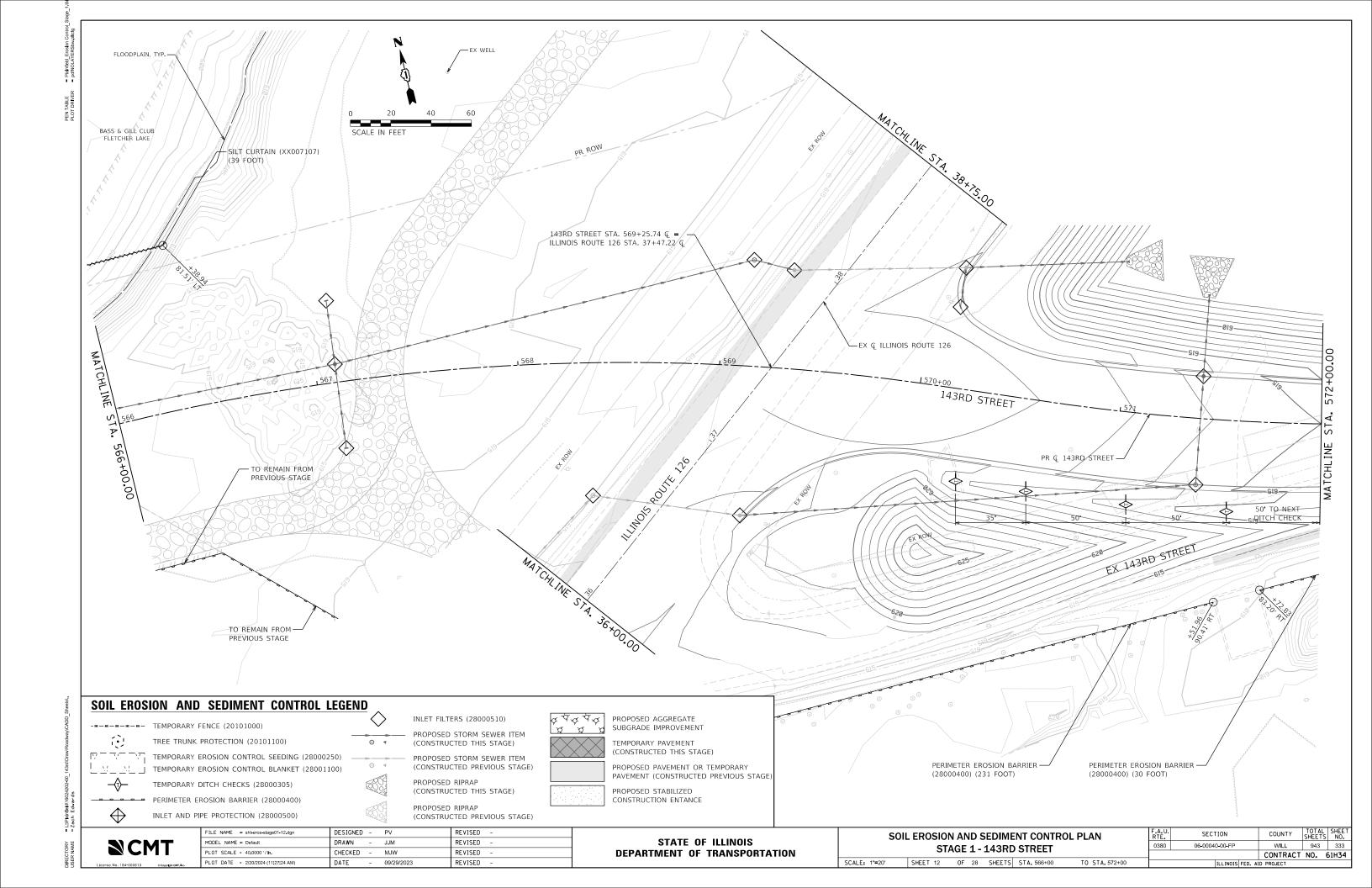


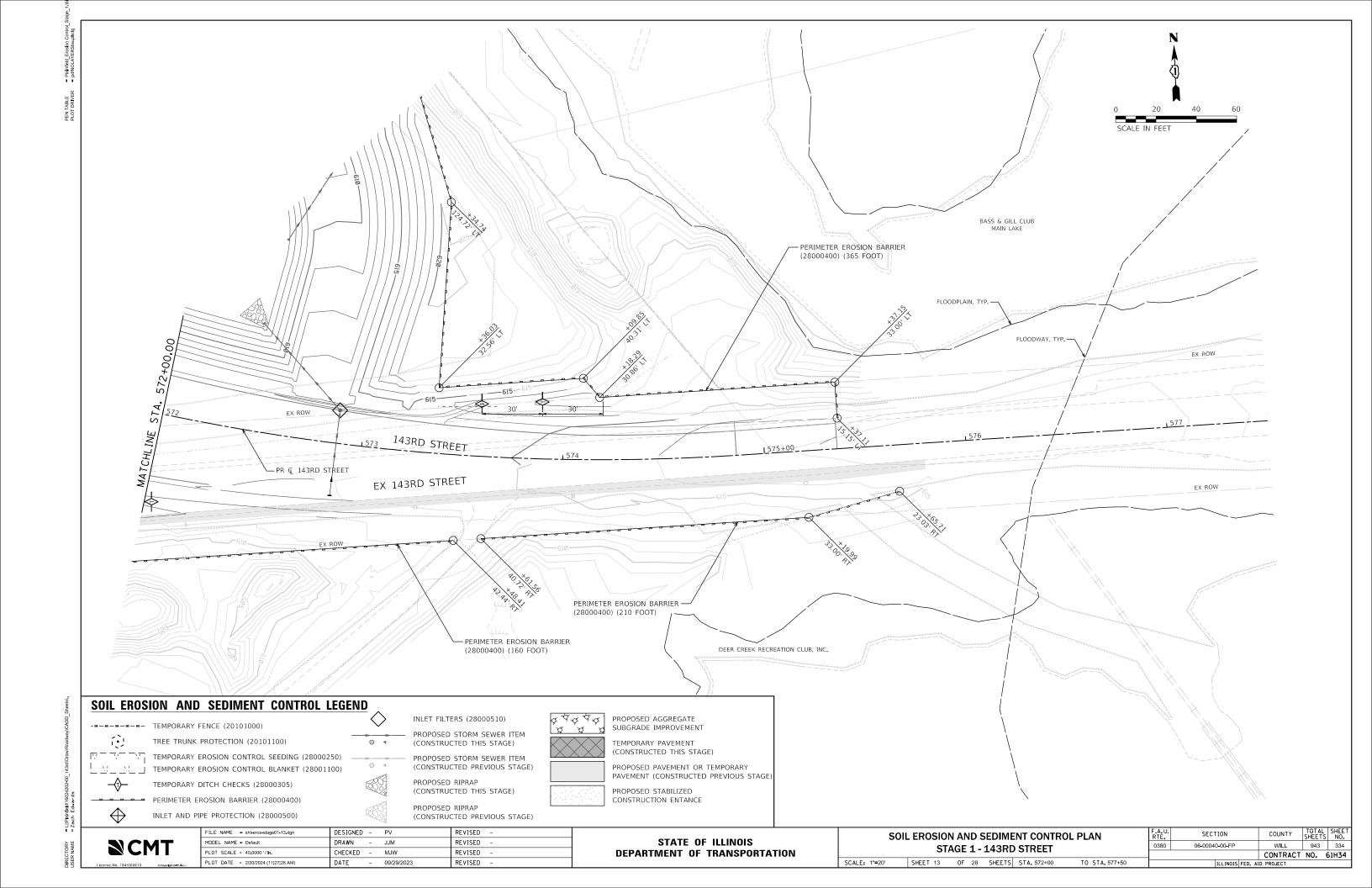


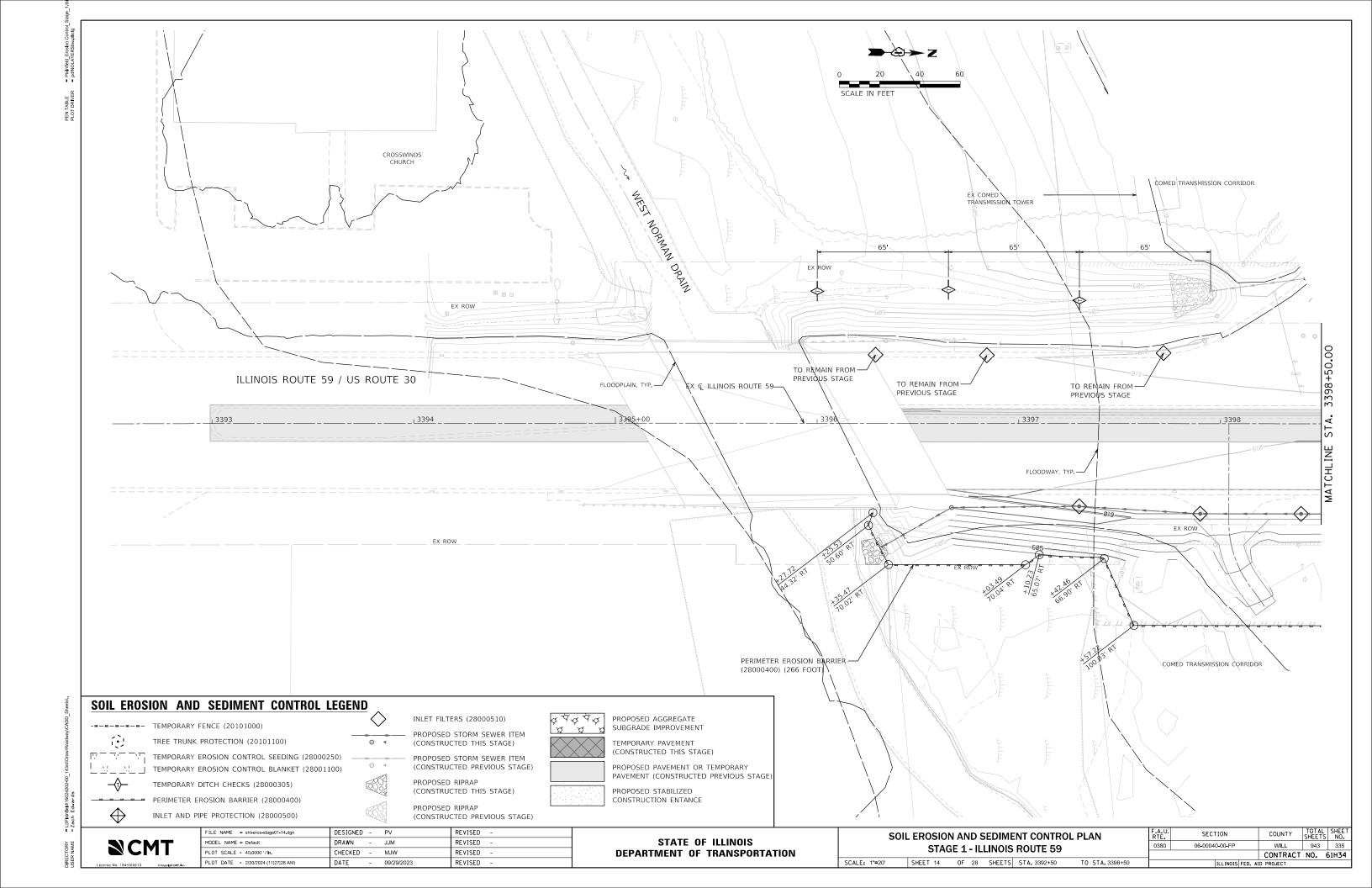


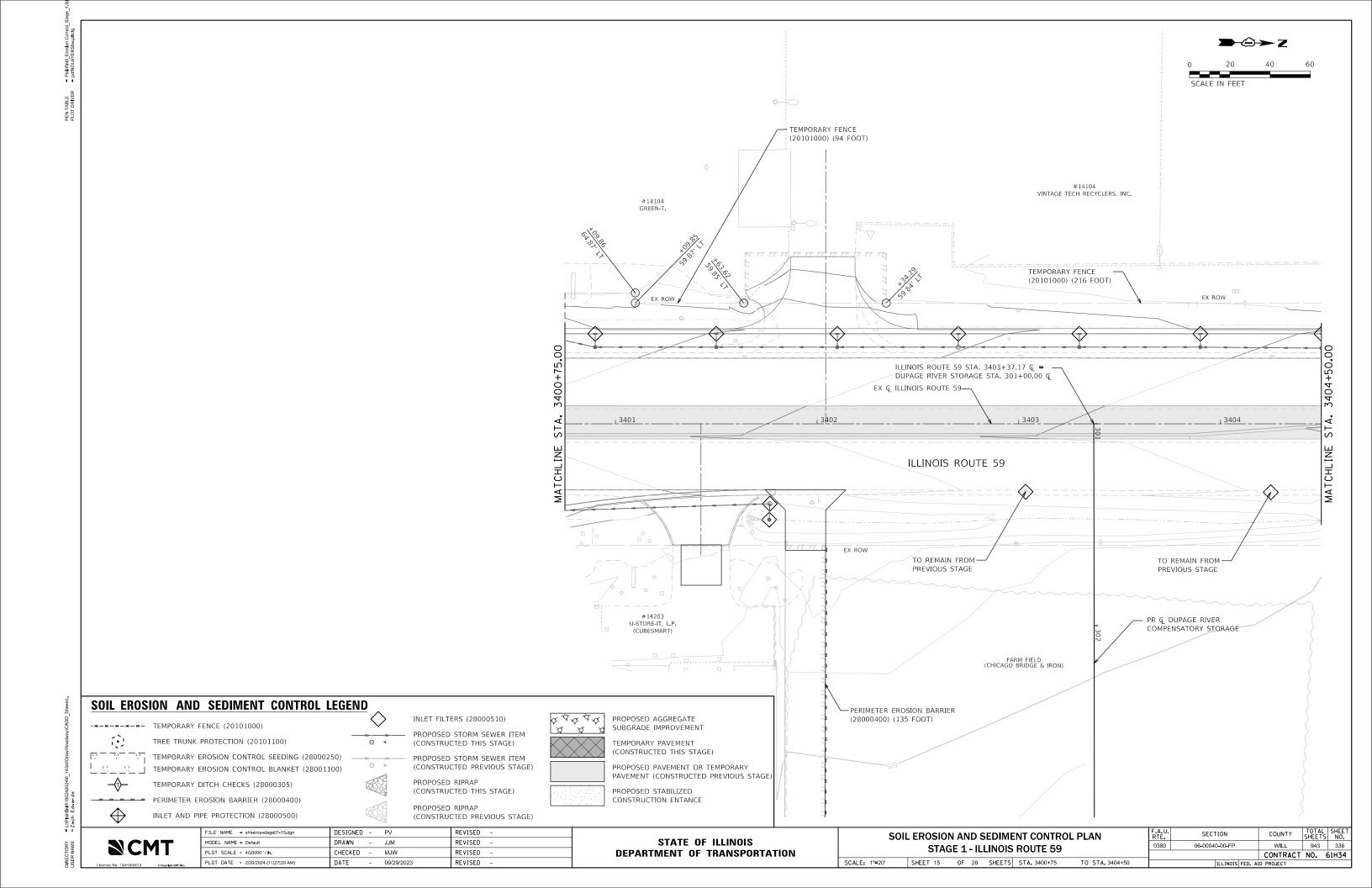


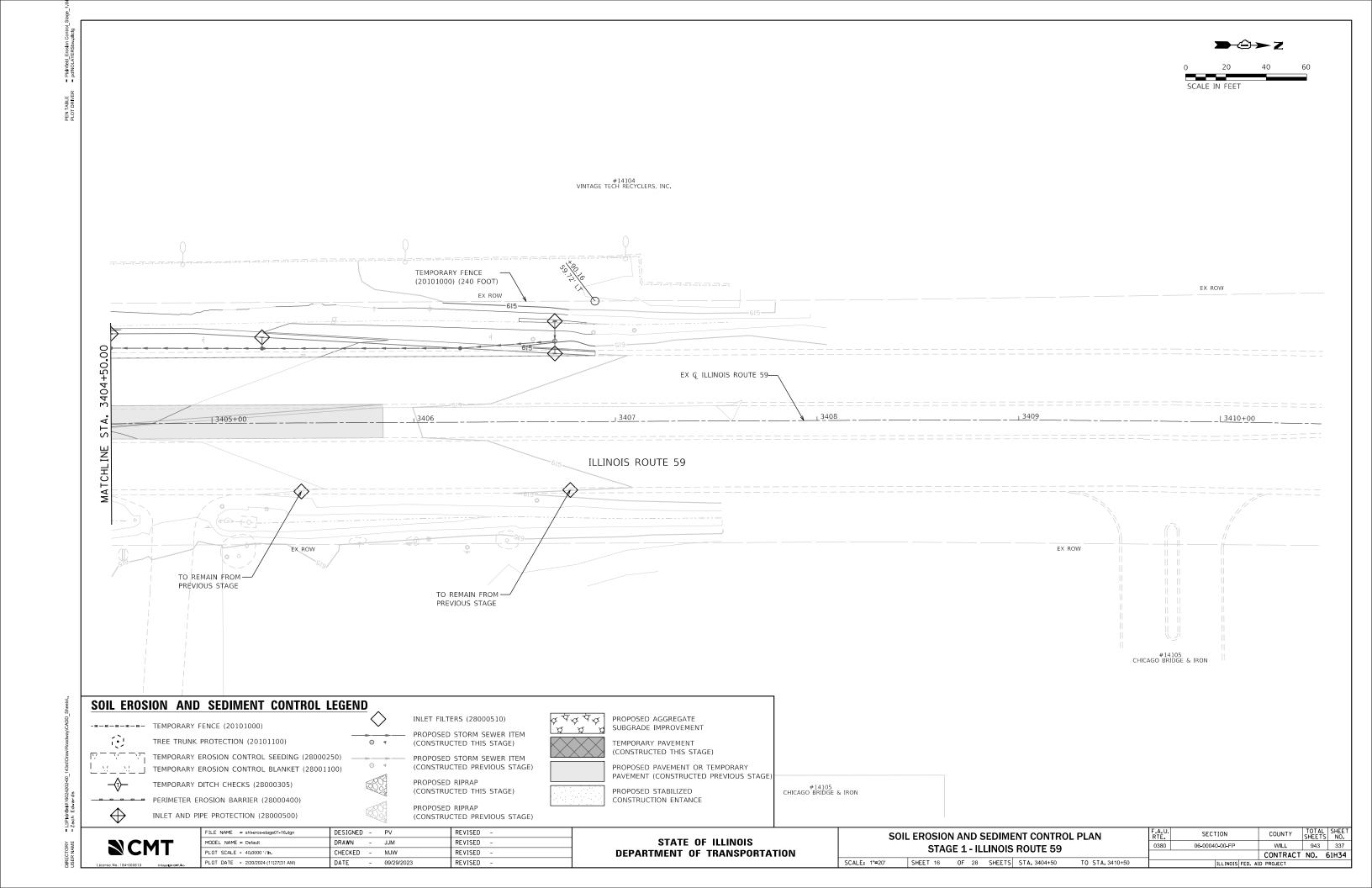


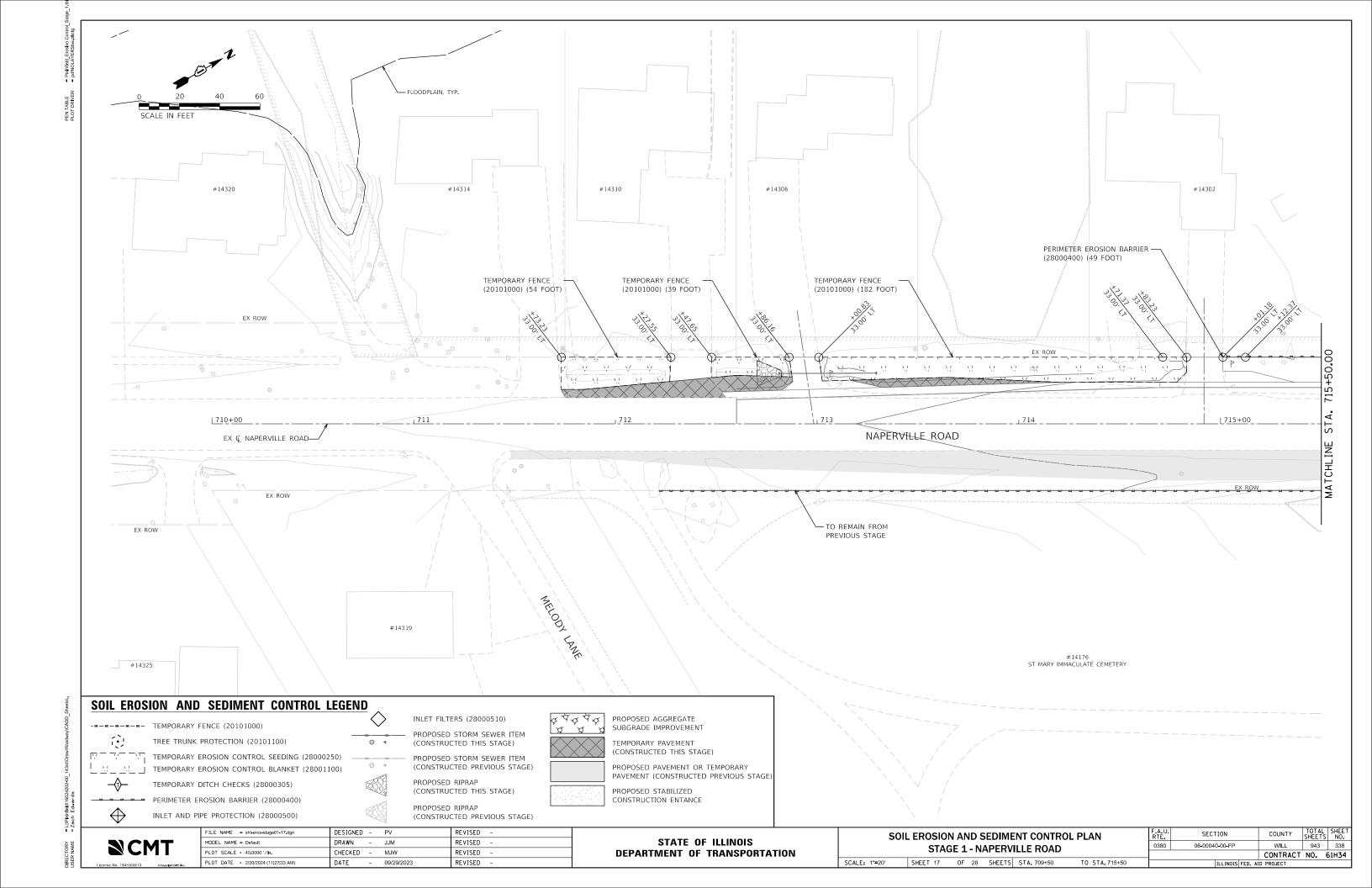


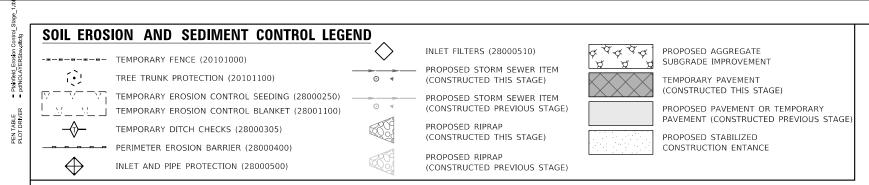


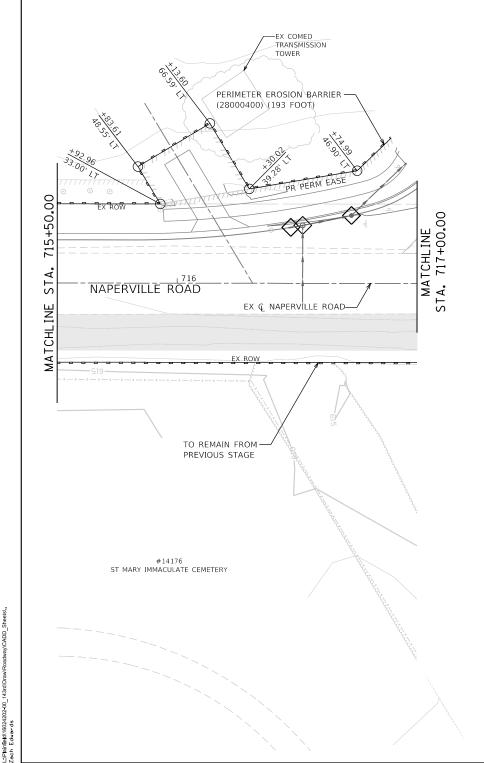












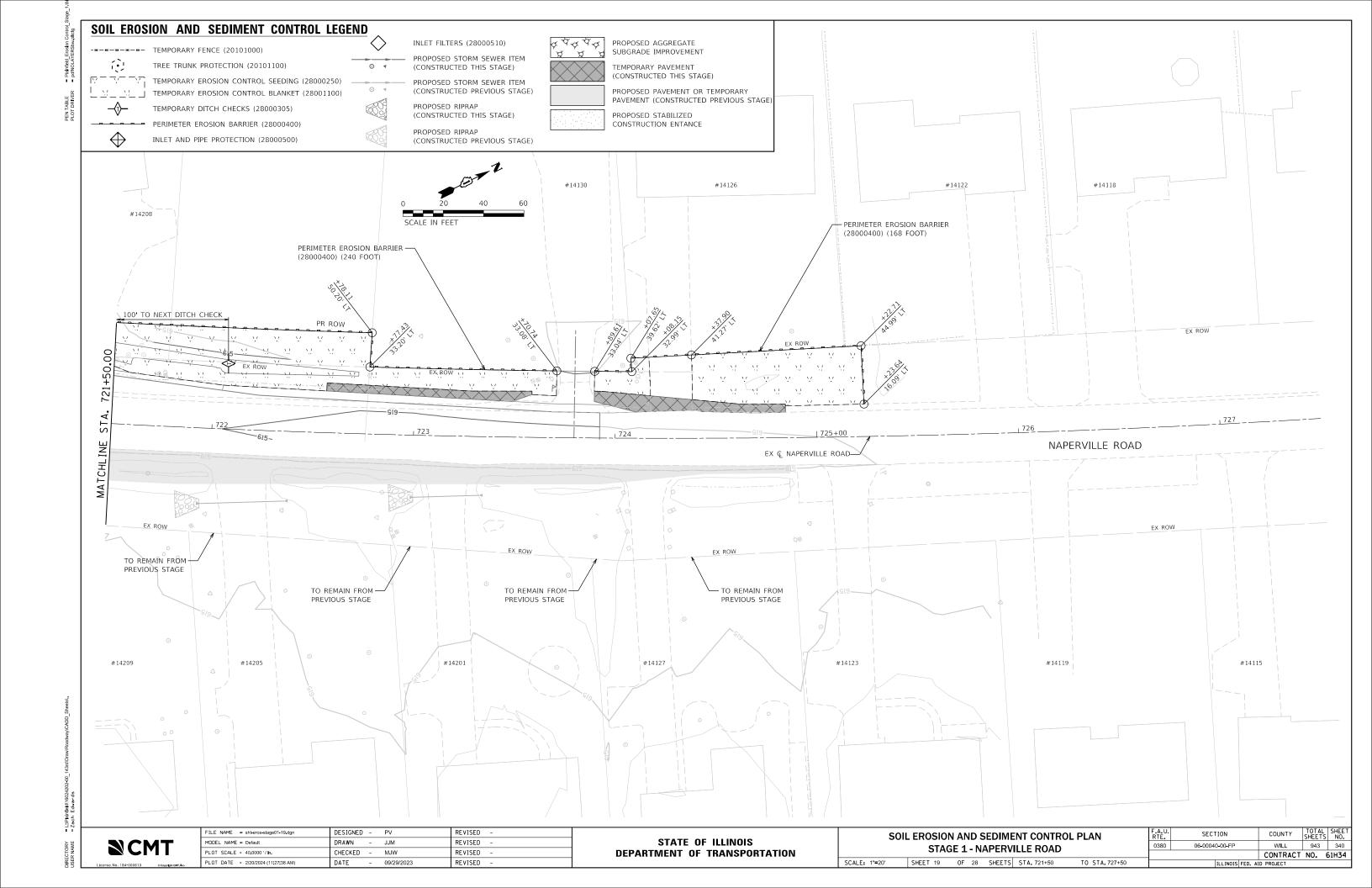
SCALE IN FEET #14218 #14208 PERIMETER EROSION BARRIER — (28000400) (153, FOOT) TO DRAINAGE STRUCTURE EX Q NAPERVILLE ROAD— NAPERVILLE ROAD TO REMAIN FROM -PREVIOUS STAGE TO REMAIN FROM -PREVIOUS STAGE #14209 SECTION COUNTY SOIL EROSION AND SEDIMENT CONTROL PLAN 06-00040-00-FP WILL

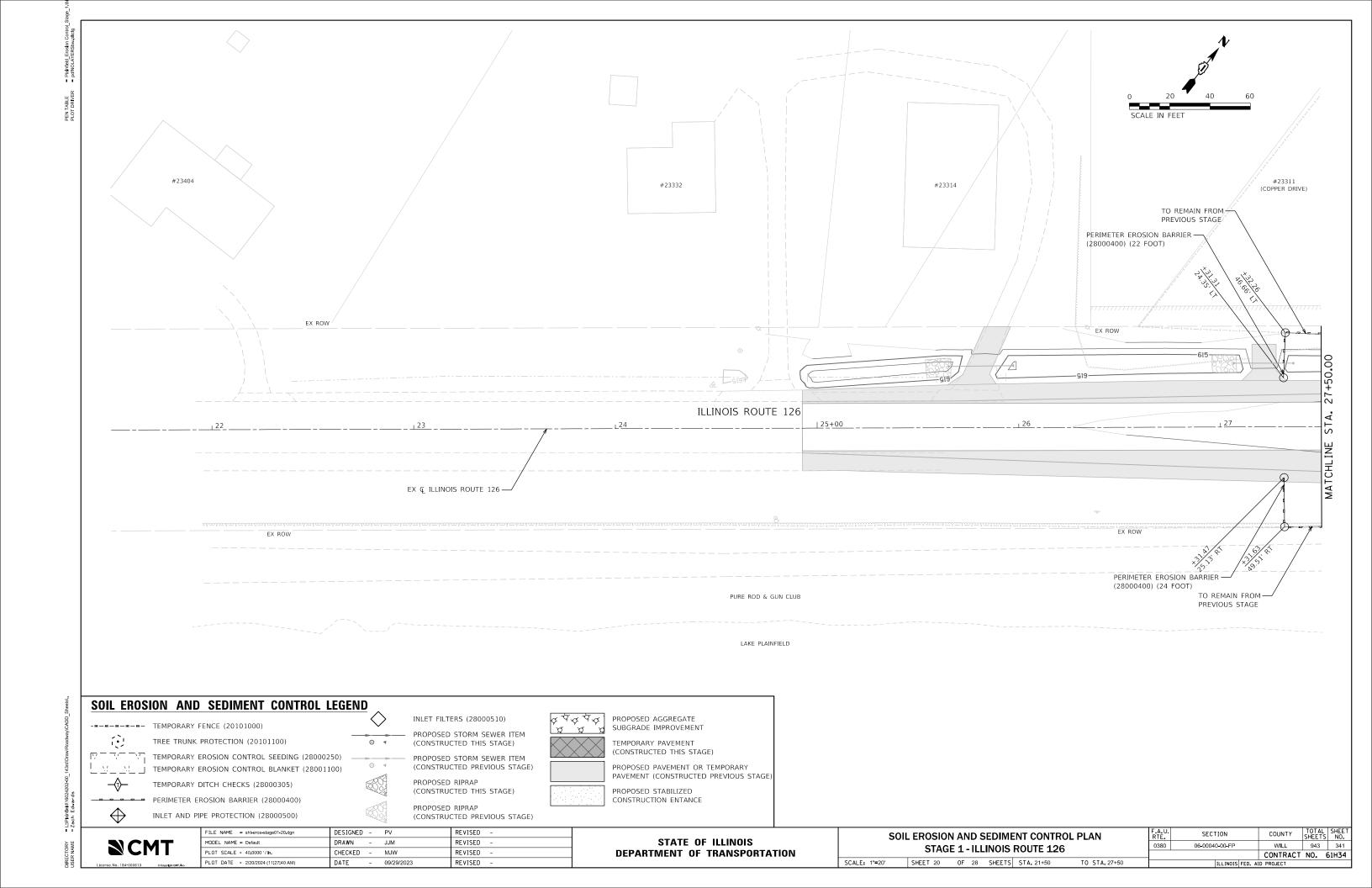
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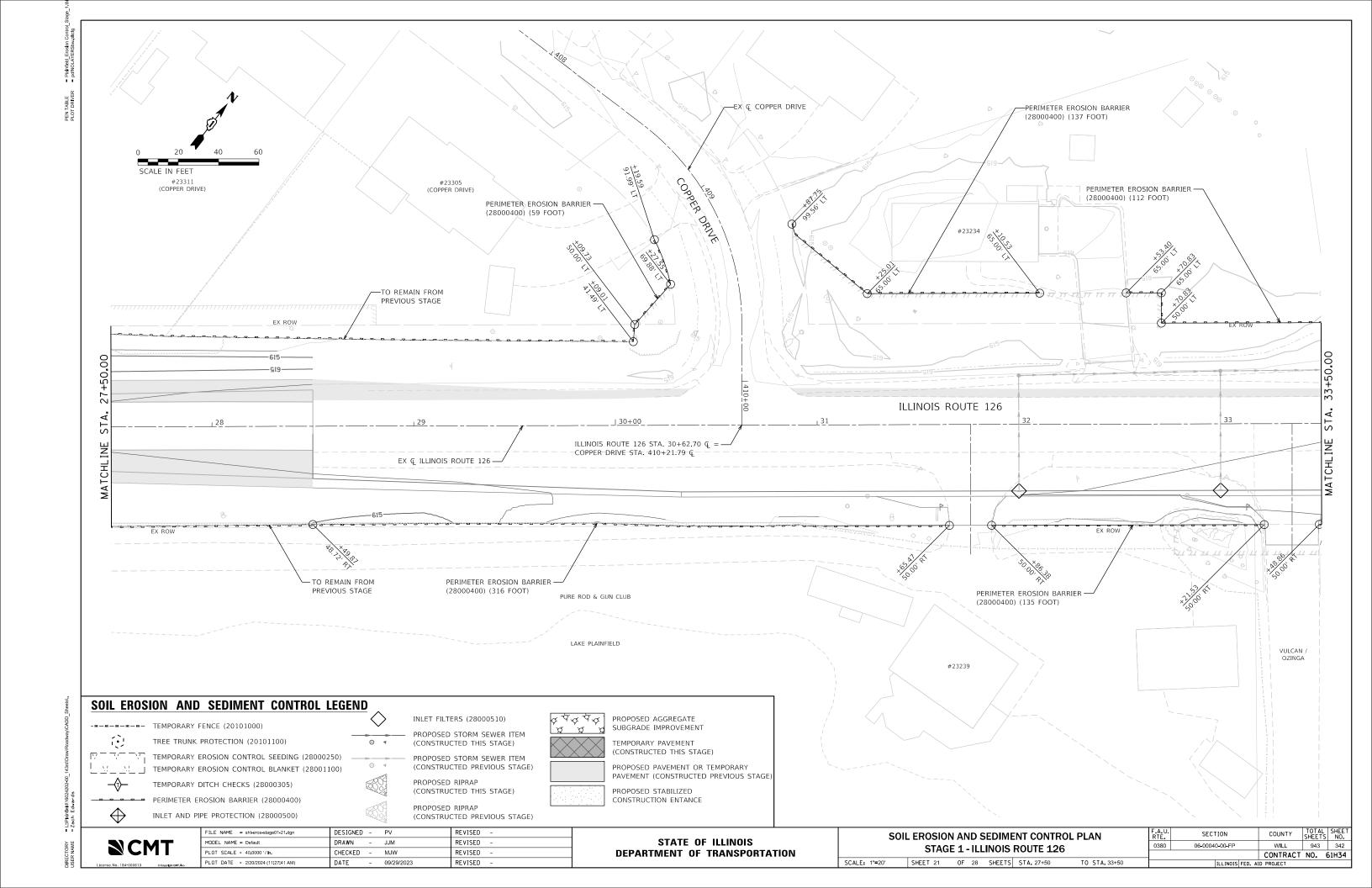
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1°=20' SHEET 18 OF 28 SHEETS STA. 715+50 TO STA. 721+50

| SECTION | COUNTY | SHEETS |







PERIMETER EROSION BARRIER - (28000400) (173 FOOT) ILLINOIS ROUTE 126 STA. MATCHL] EX Q ILLINOIS ROUTE 126-PERIMETER EROSION BARRIER (28000400) (185 FOOT) PERIMETER EROSION BARRIER -(28000400) (91 FOOT) COMED TRANSMISSION CORRIDOR SOIL EROSION AND SEDIMENT CONTROL LEGEND INLET FILTERS (28000510) PROPOSED AGGREGATE ---- TEMPORARY FENCE (20101000) SUBGRADE IMPROVEMENT PROPOSED STORM SEWER ITEM TREE TRUNK PROTECTION (20101100) (CONSTRUCTED THIS STAGE) TEMPORARY PAVEMENT (CONSTRUCTED THIS STAGE) TEMPORARY EROSION CONTROL SEEDING (28000250) PROPOSED STORM SEWER ITEM (CONSTRUCTED PREVIOUS STAGE) PROPOSED PAVEMENT OR TEMPORARY __ TEMPORARY EROSION CONTROL BLANKET (28001100) PAVEMENT (CONSTRUCTED PREVIOUS STAGE) PROPOSED RIPRAP TEMPORARY DITCH CHECKS (28000305) (CONSTRUCTED THIS STAGE) PROPOSED STABILIZED CONSTRUCTION ENTANCE PERIMETER EROSION BARRIER (28000400) SCALE IN FEET PROPOSED RIPRAP INLET AND PIPE PROTECTION (28000500) (CONSTRUCTED PREVIOUS STAGE) TOTAL SHEET NO.

943 343 FILE NAME = sht-eros-stage01-22.dgn DESIGNED - PV REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN SECTION COUNTY STATE OF ILLINOIS MODEL NAME = Default DRAWN - JJM REVISED **S**CMT 06-00040-00-FP WILL STAGE 1 - ILLINOIS ROUTE 126 CHECKED - MJW REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 61H34

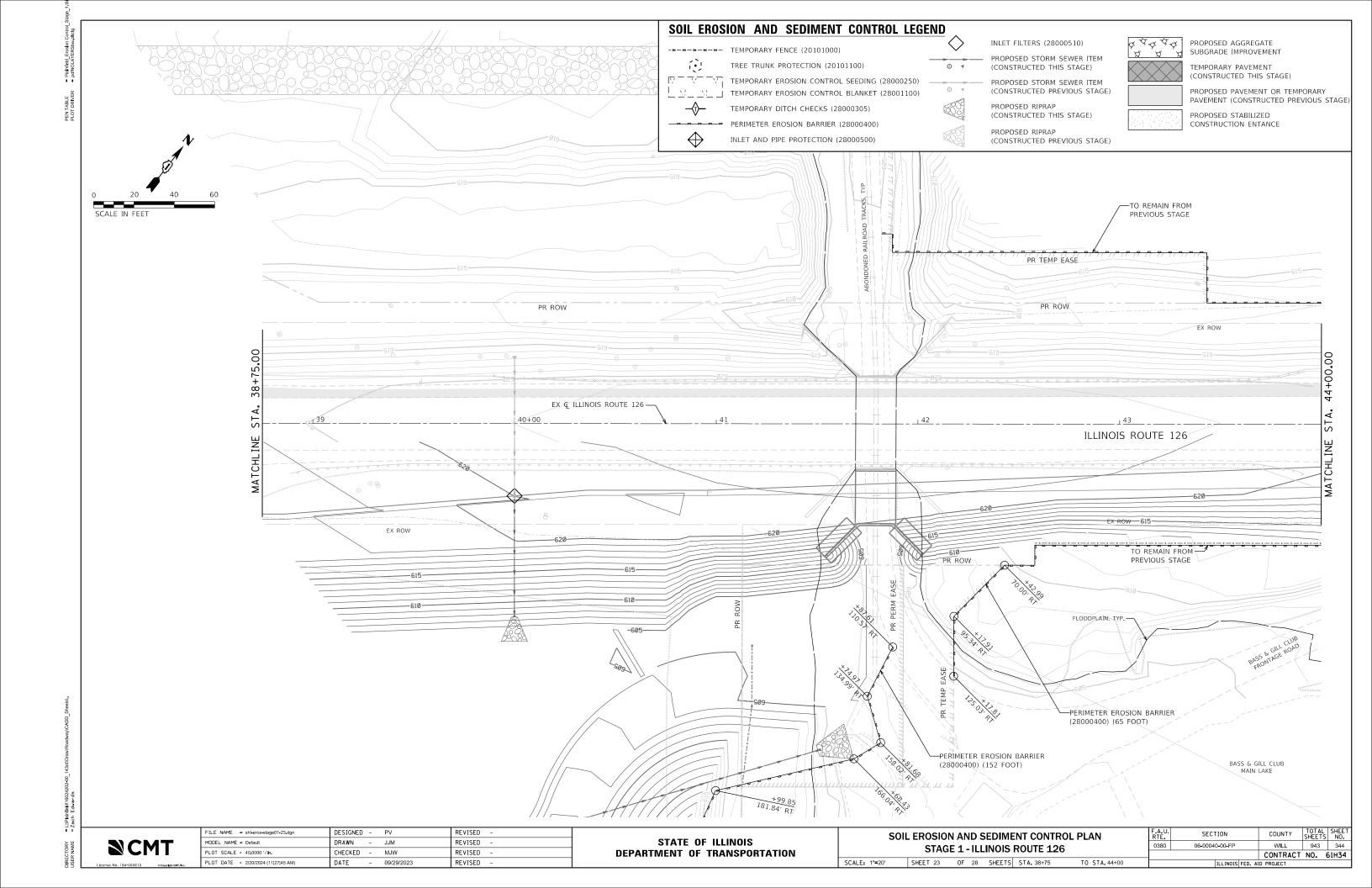
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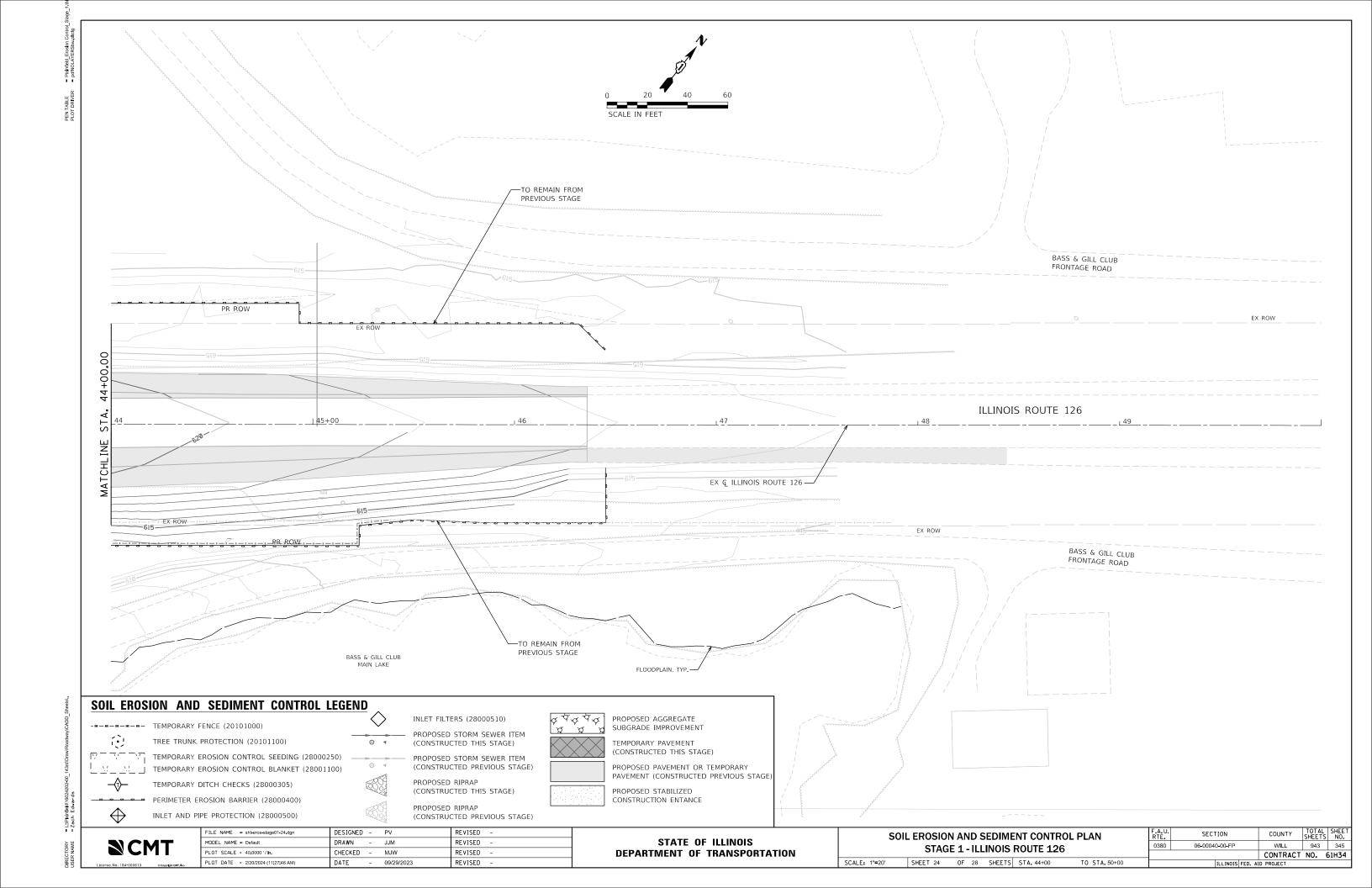
TO STA. 36+00

REVISED

DATE - 09/29/2023

PLOT DATE = 2/20/2024 (11:27:43 AM)





SCALE IN FEET

DESIGNED - PV REVISED 10DEL NAME = Default ORAWN JJM REVISED CHECKED MJW REVISED PLOT DATE = 2/20/2024 (11:27:48 AM) DATE REVISED 09/29/2023

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

STAGE 1A/1B - WEST NORMAN DRAIN SHEET 25 OF 28 SHEETS STA. 44+00

SECTION 0380 06-00040-00-FP

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COUNTY WILL 943 346 CONTRACT NO. 61H34

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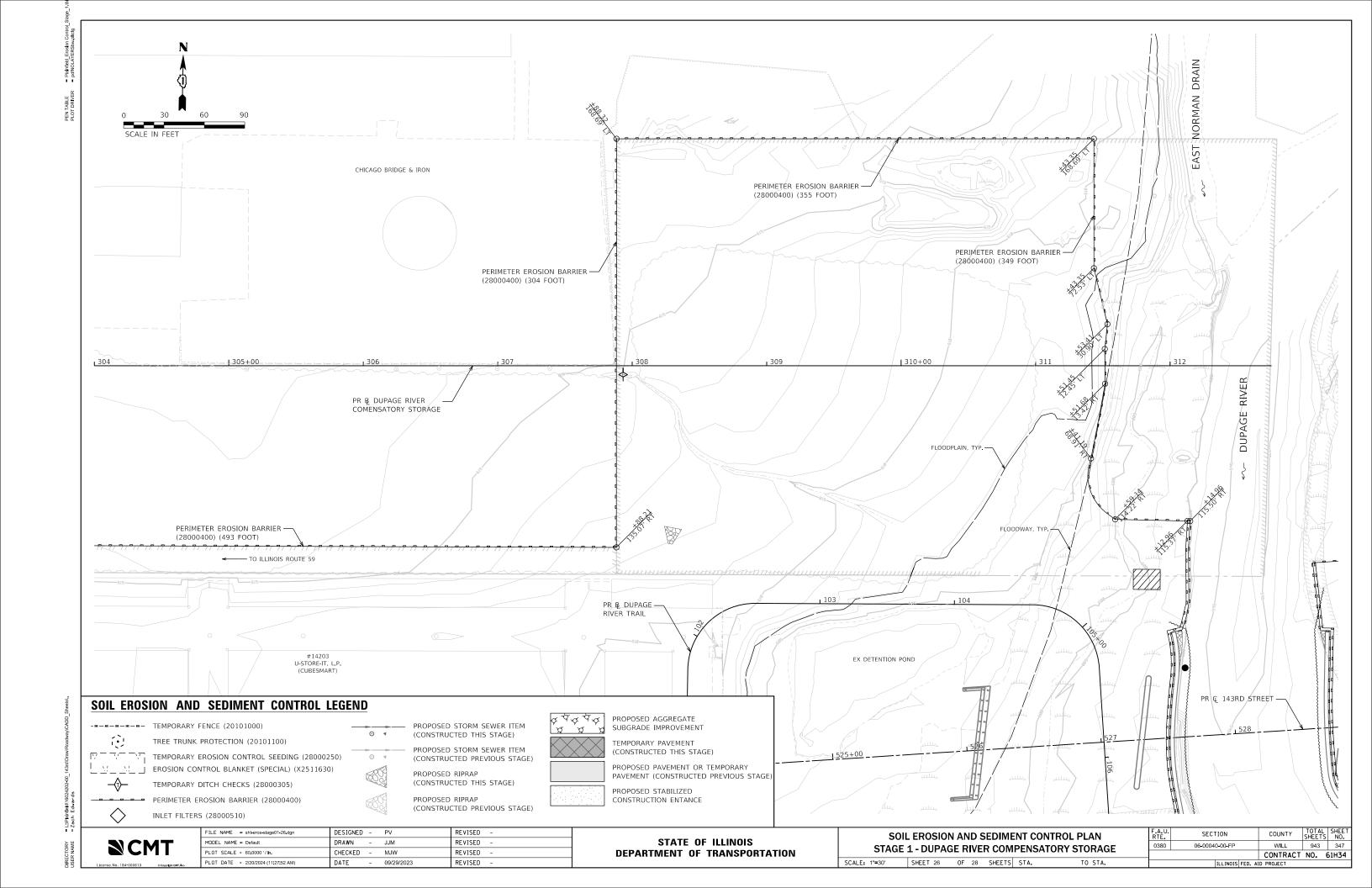
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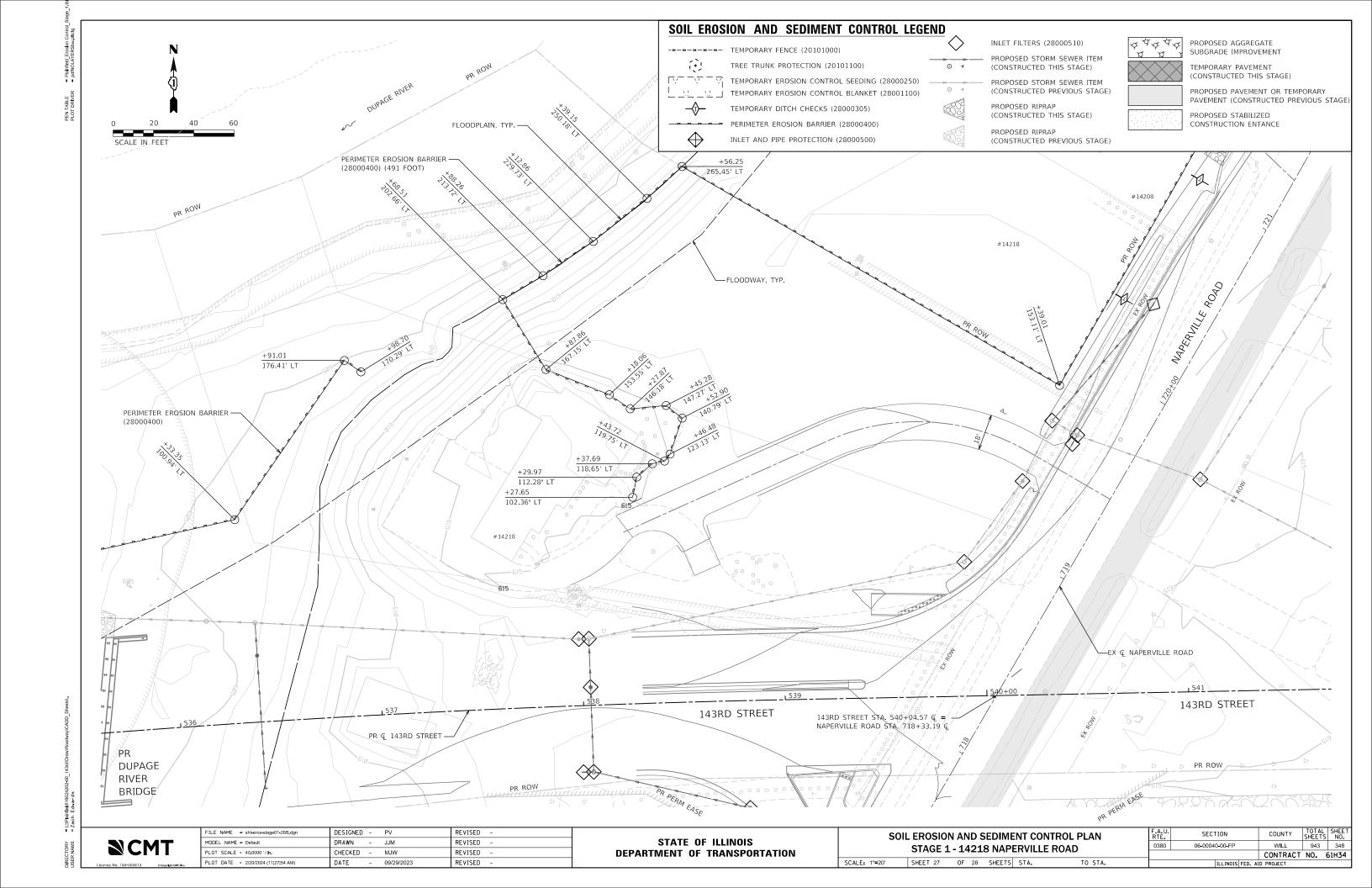
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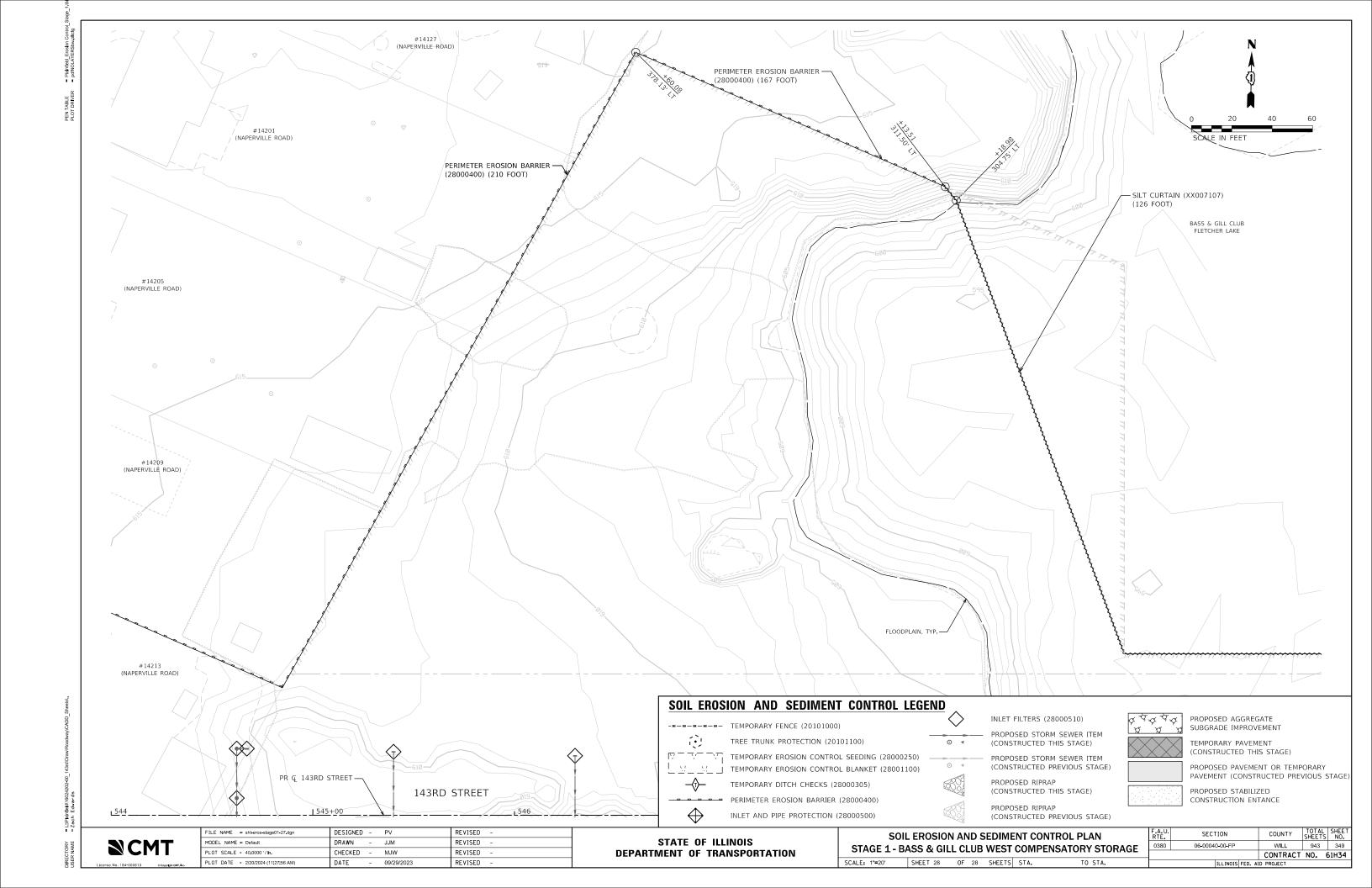
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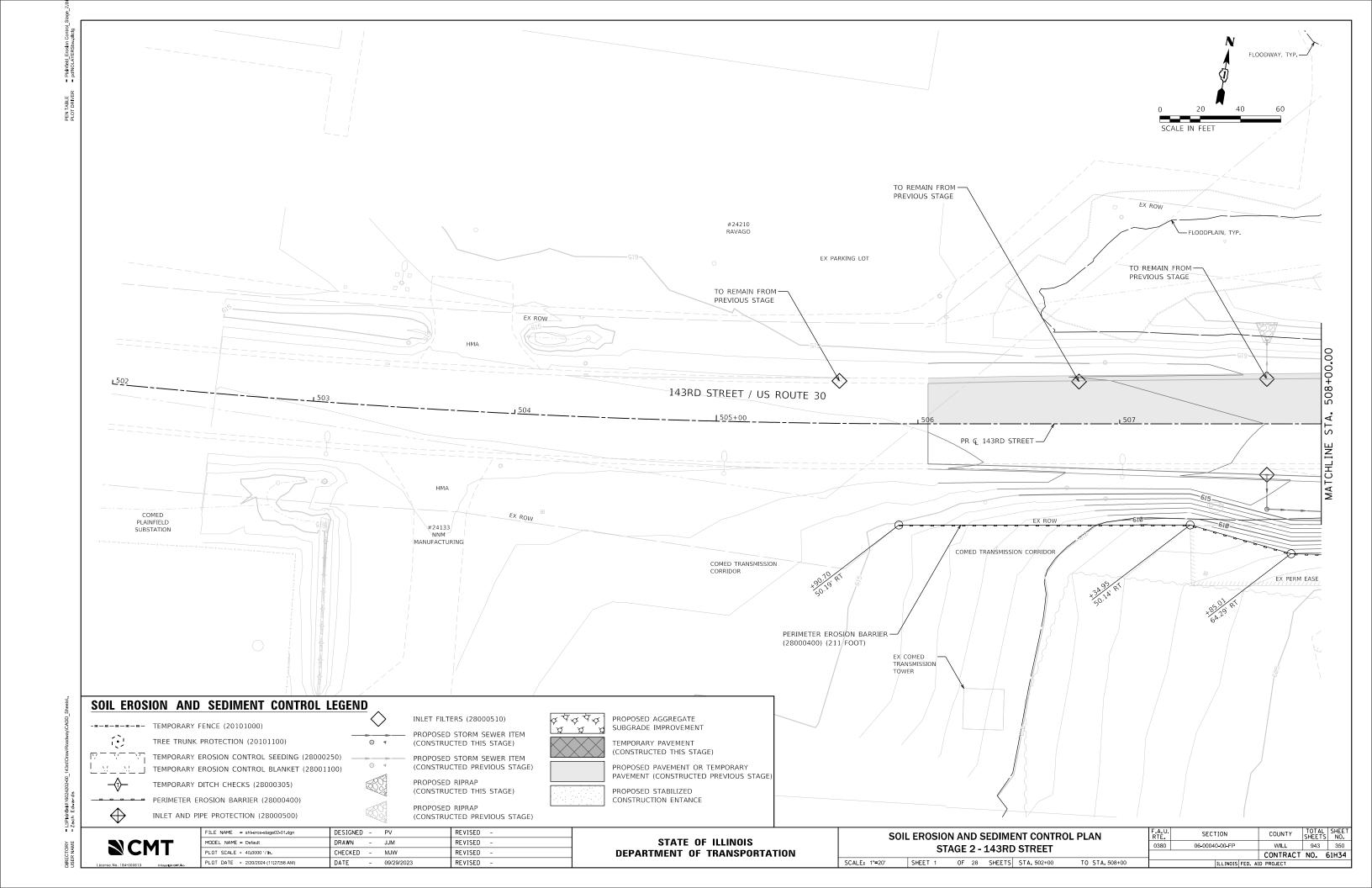
SOIL EROSION AND SEDIMENT CONTROL PLAN

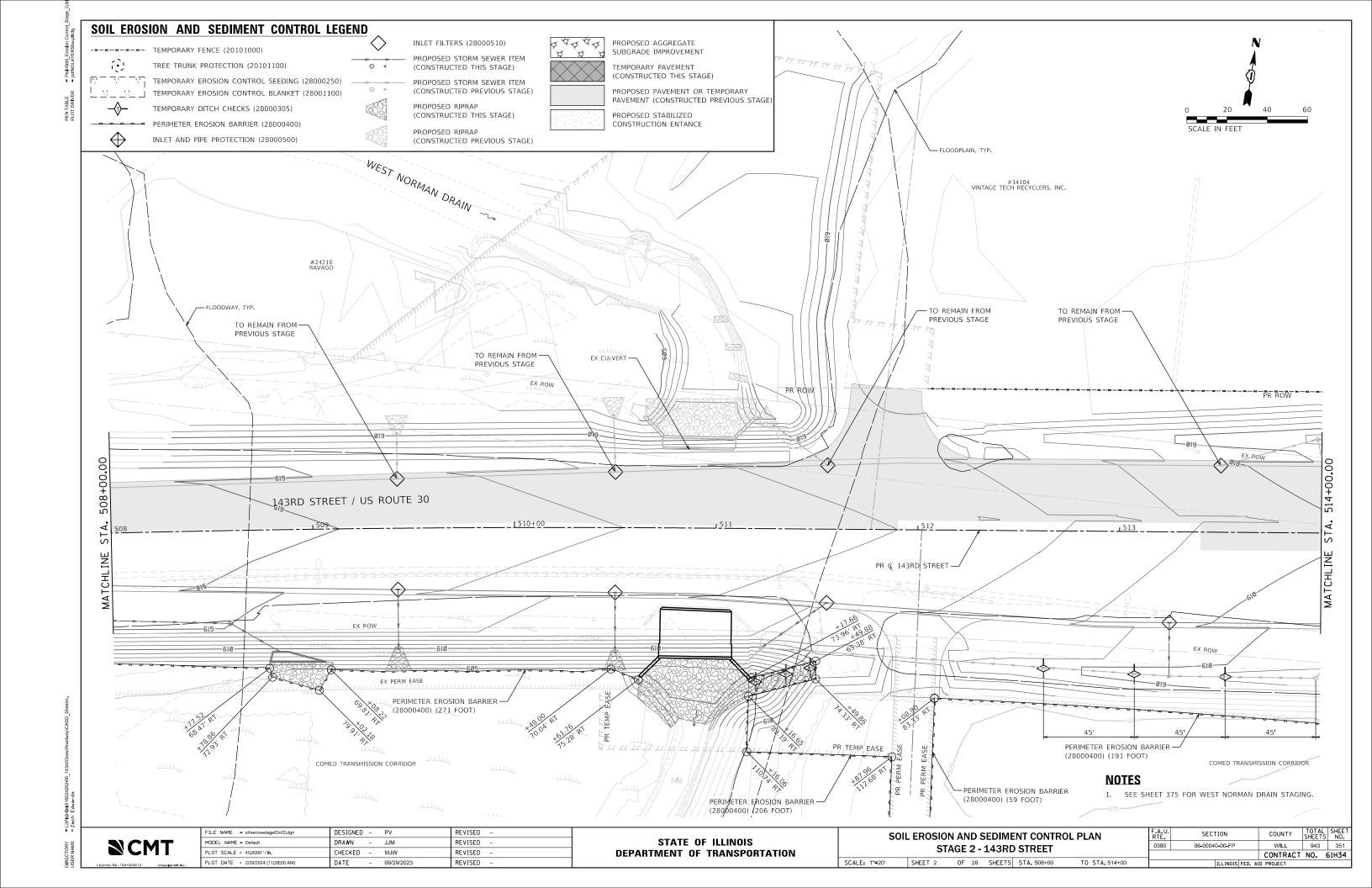
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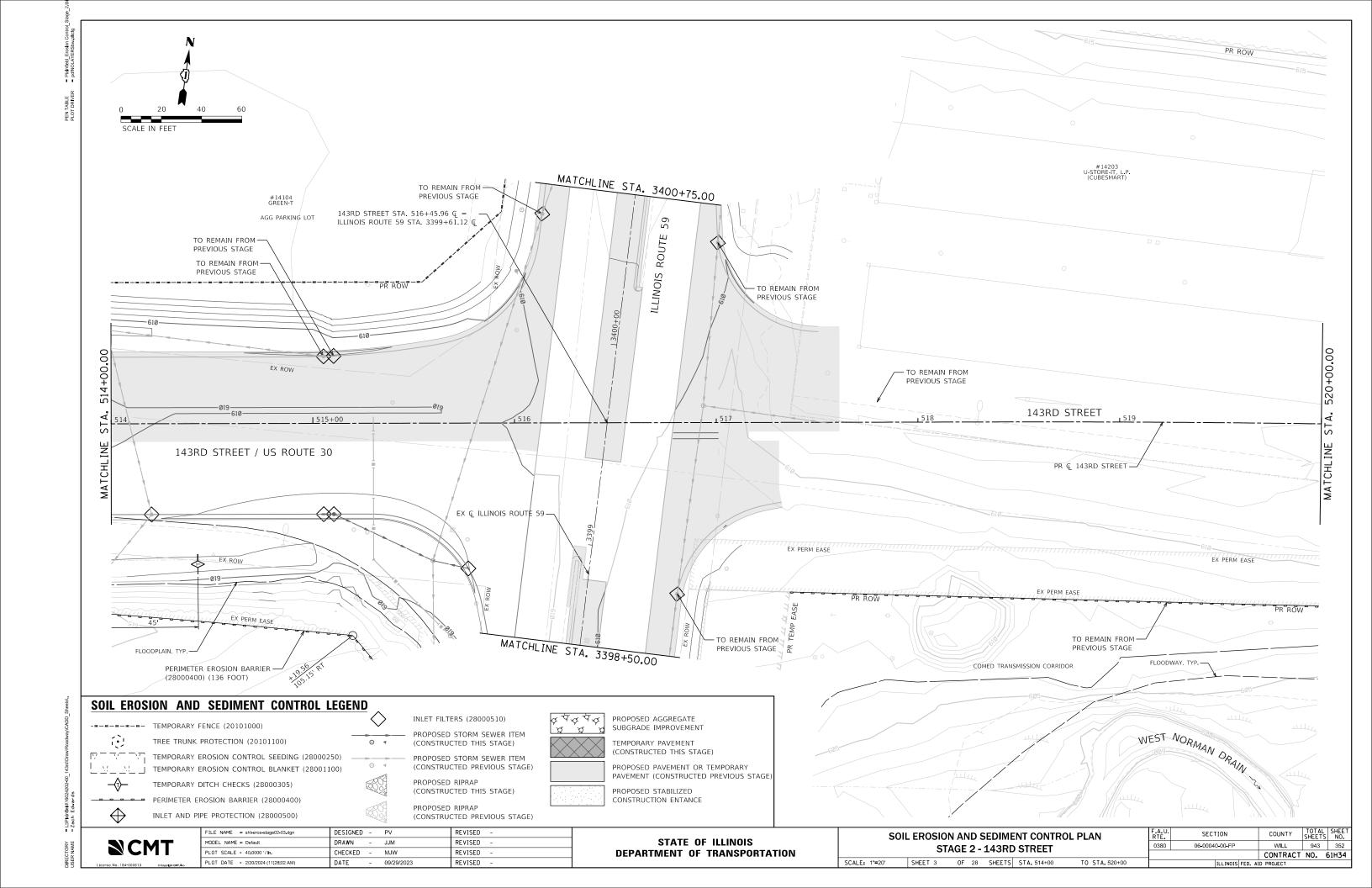


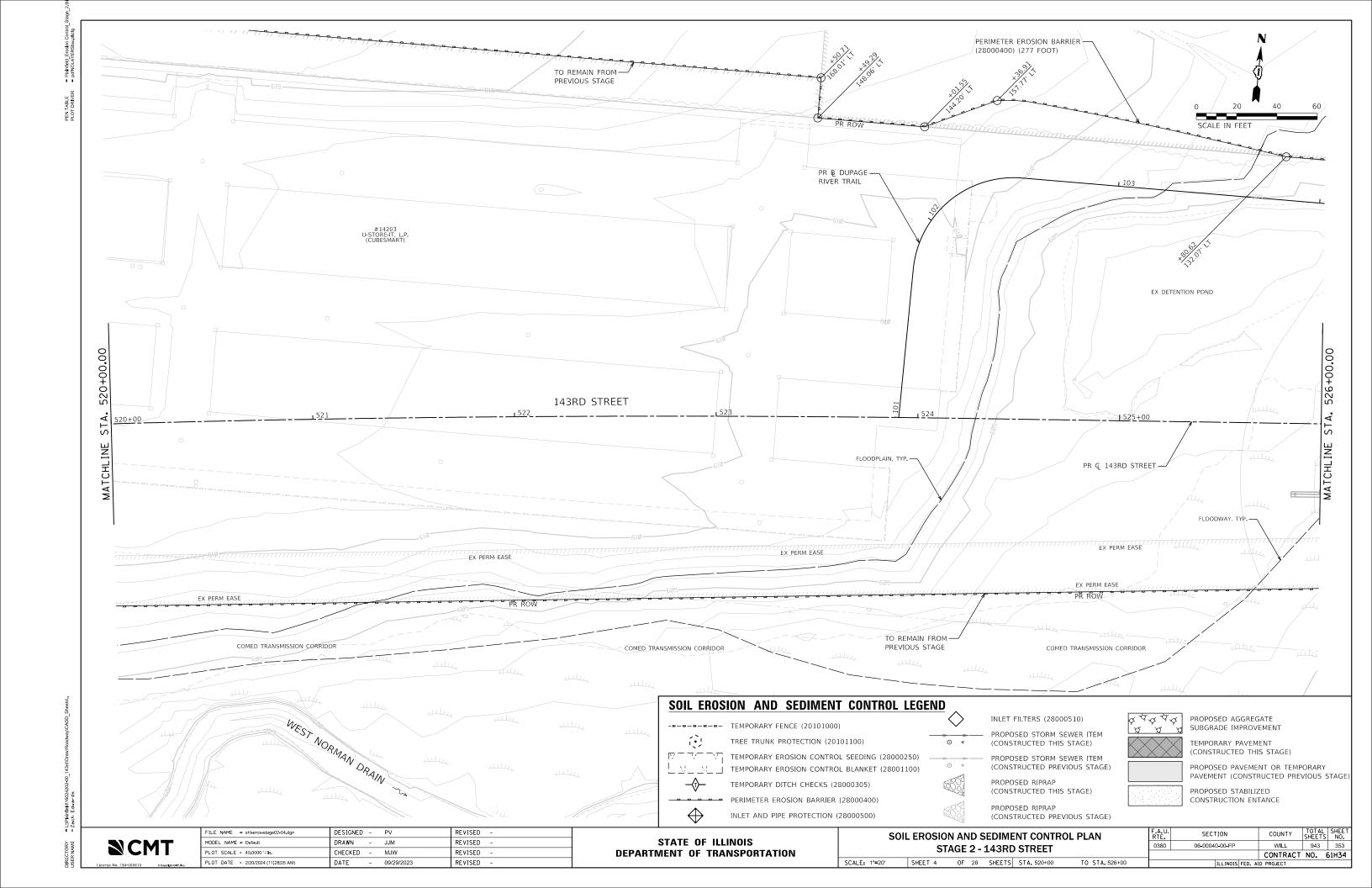


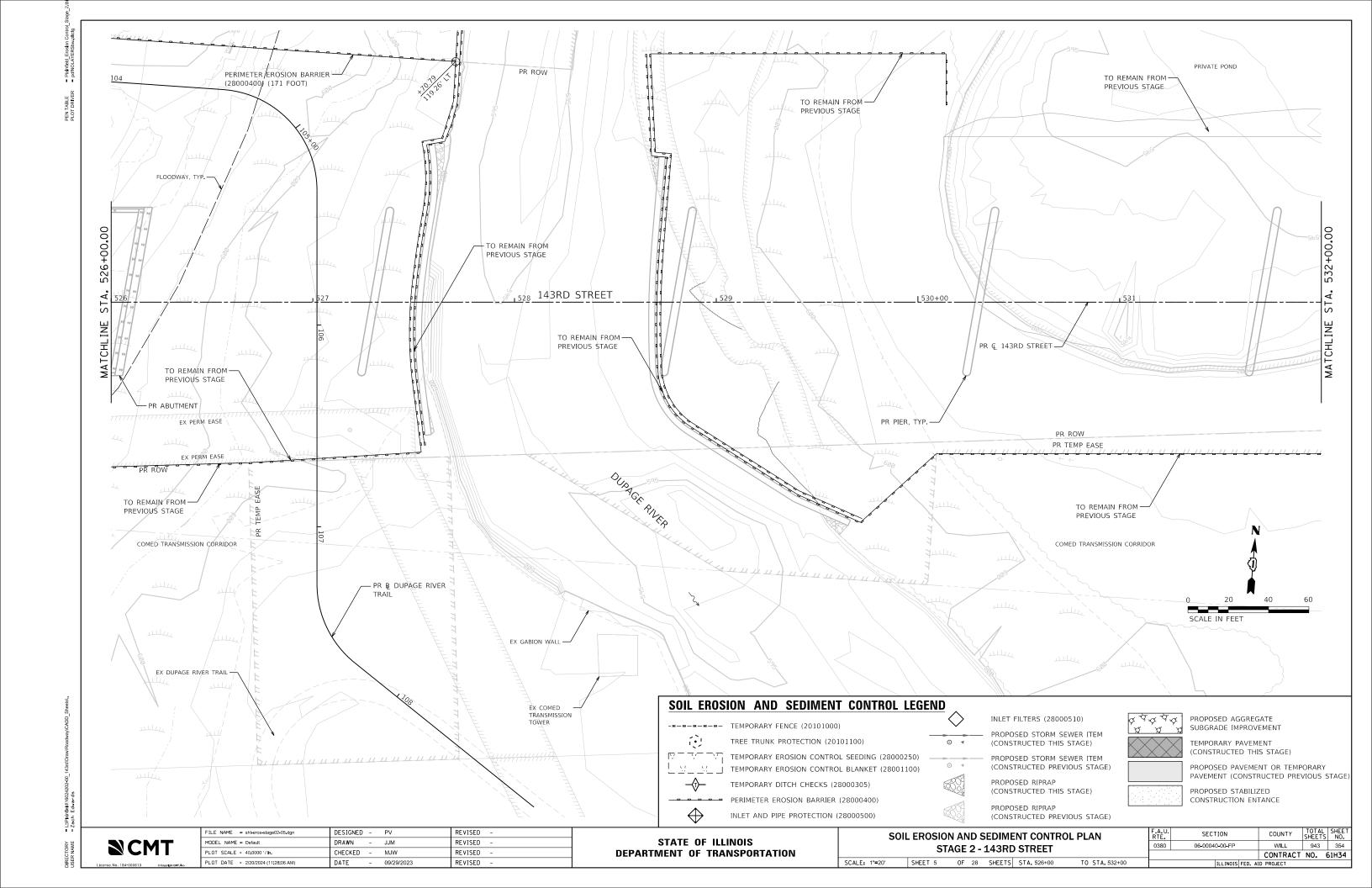


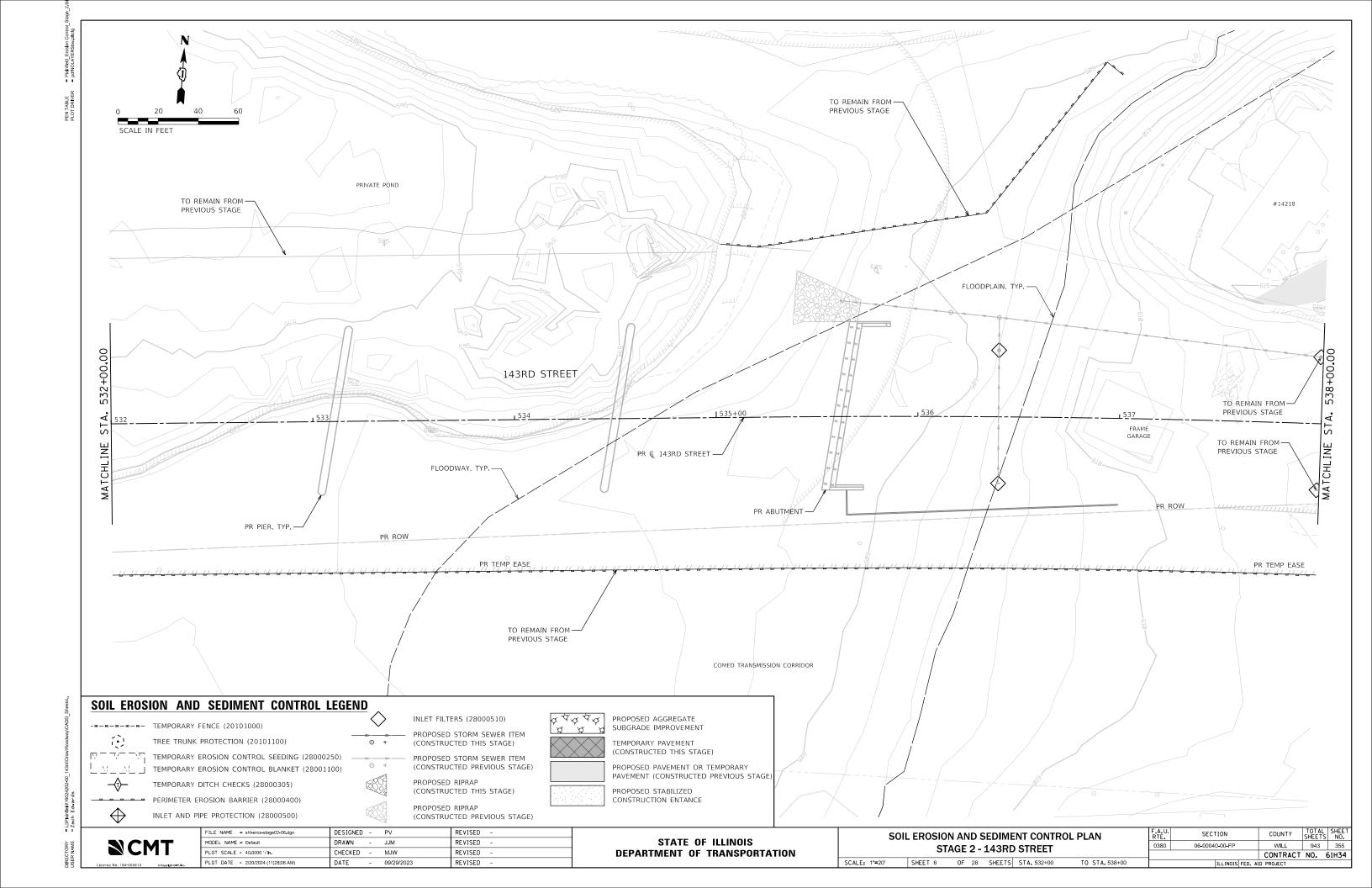


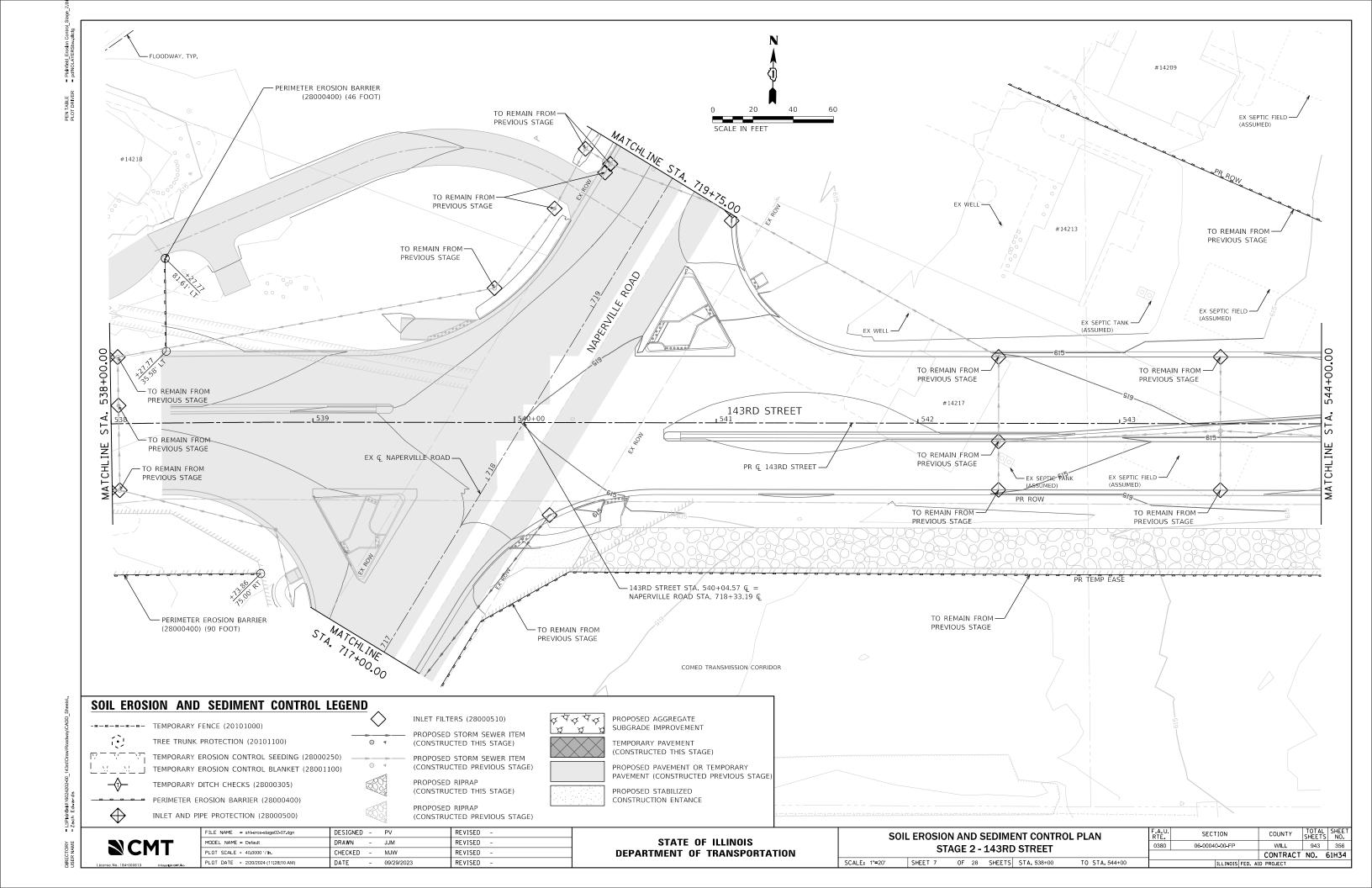


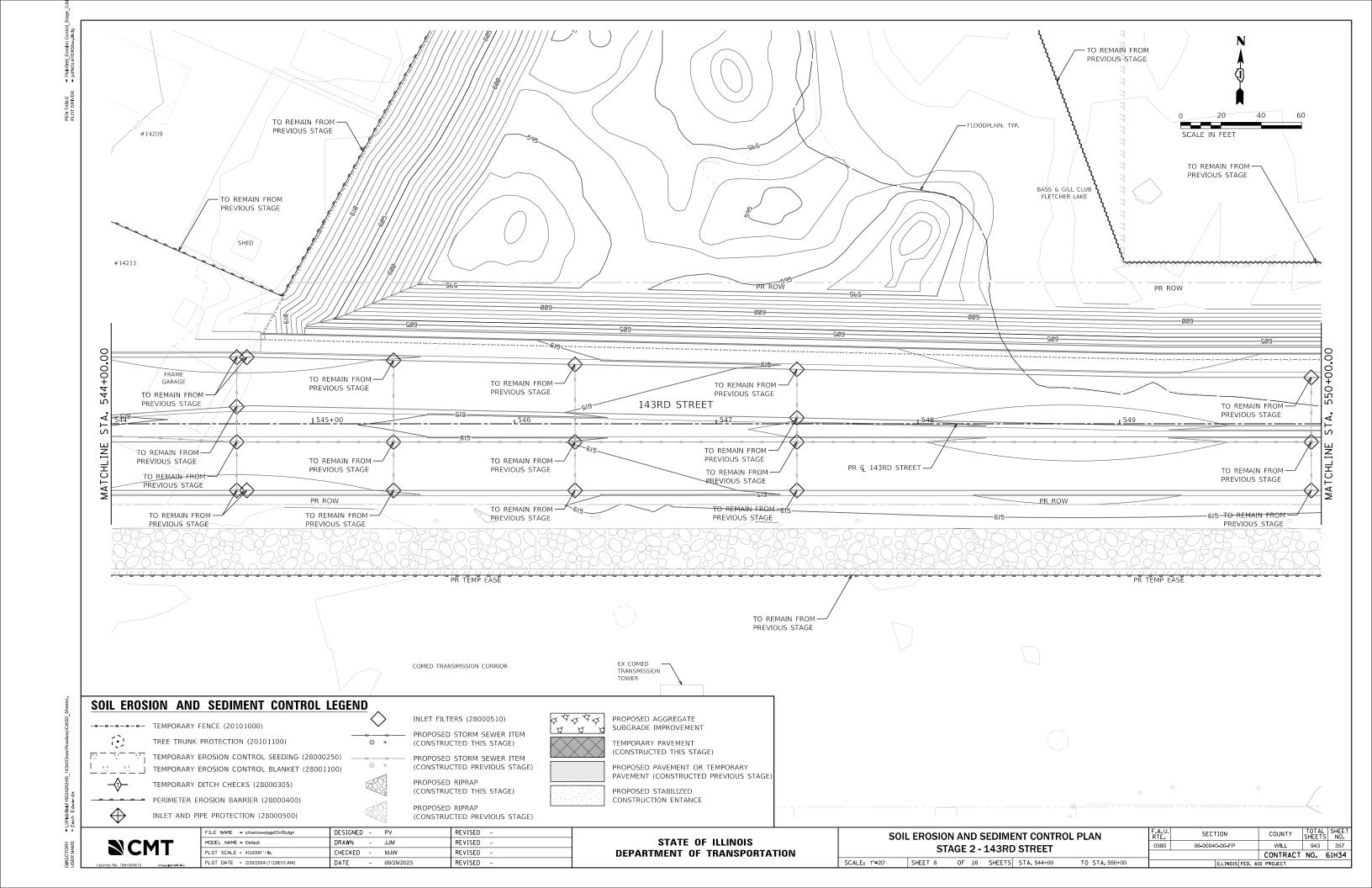


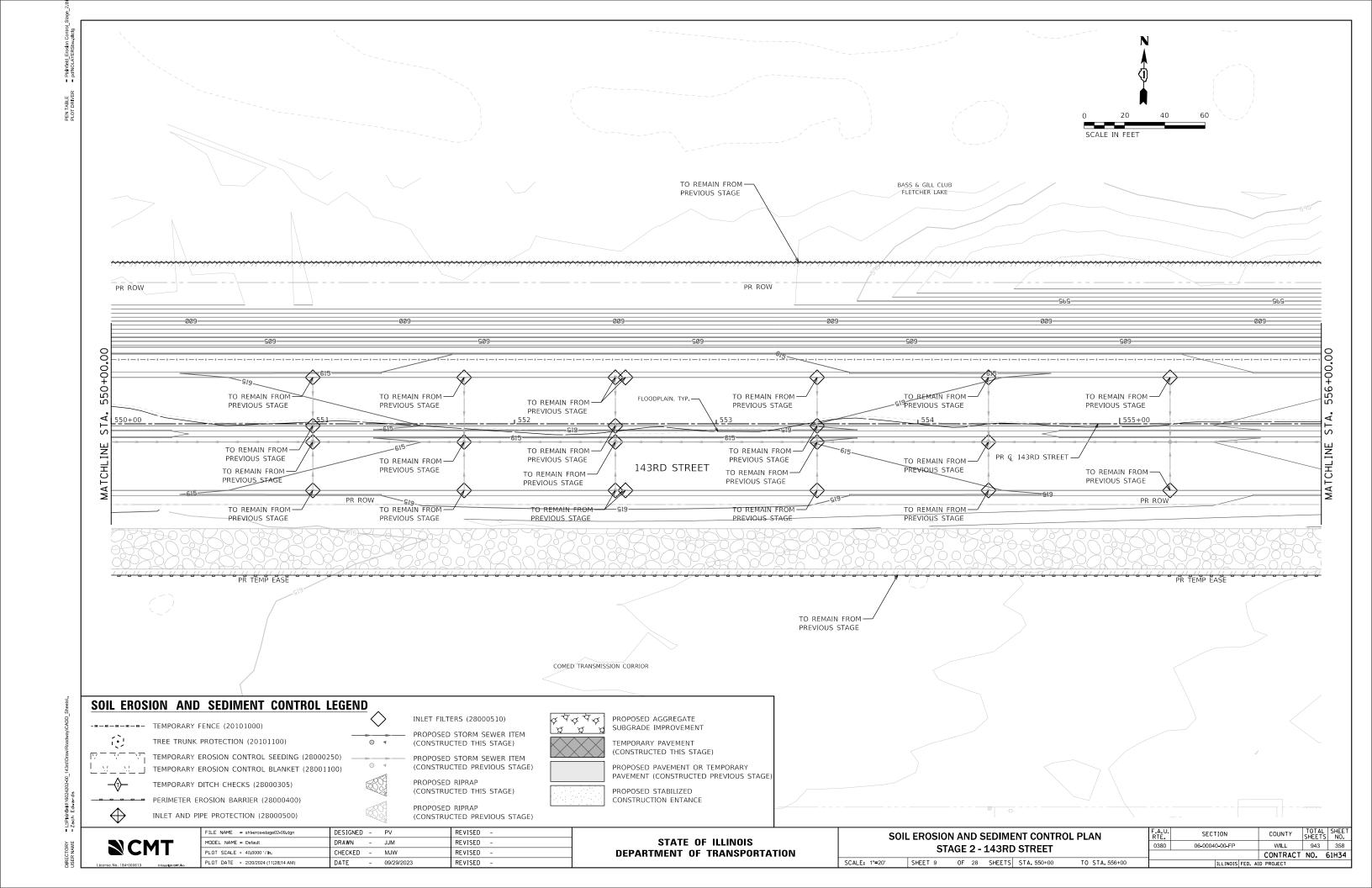


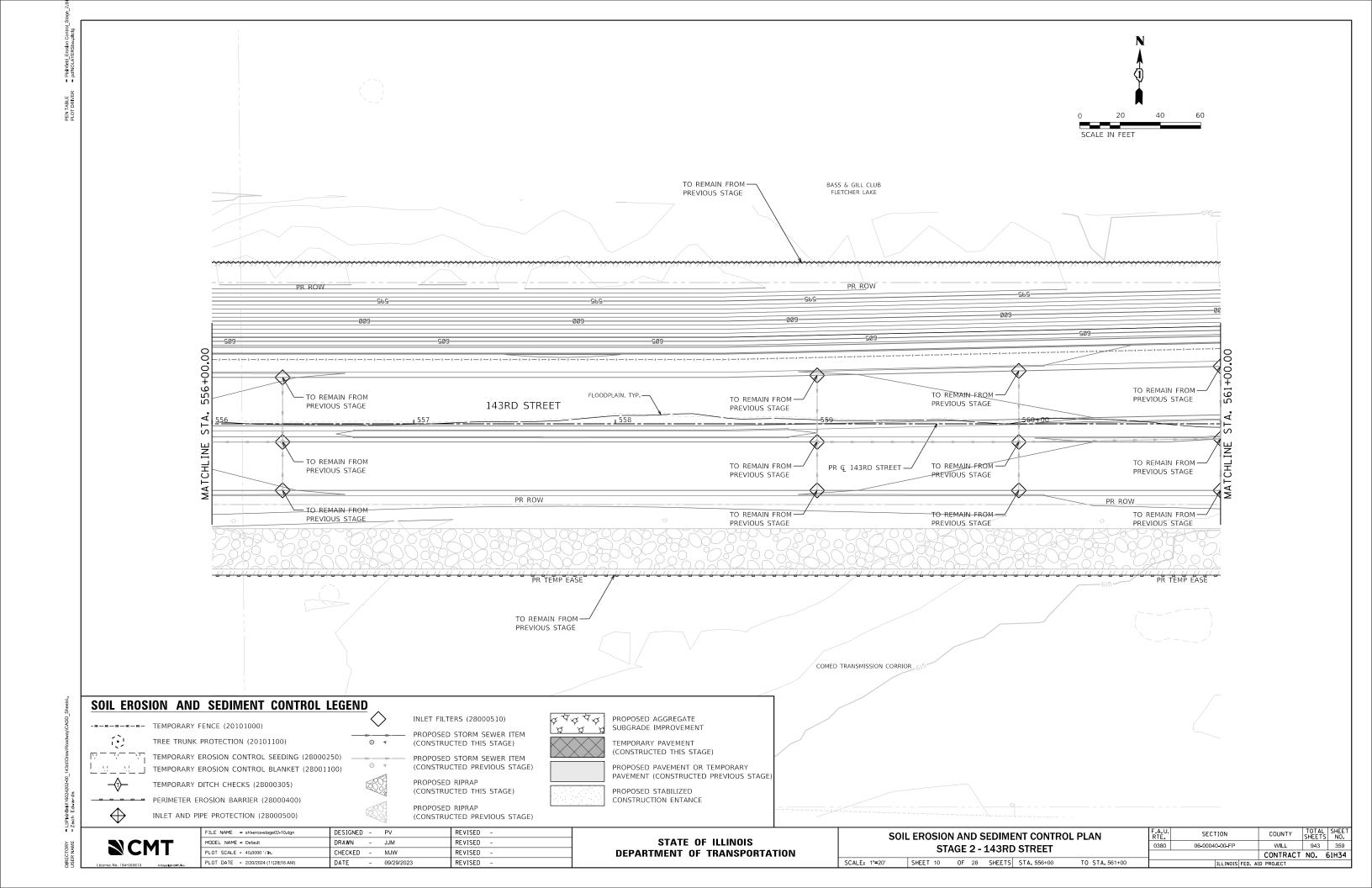


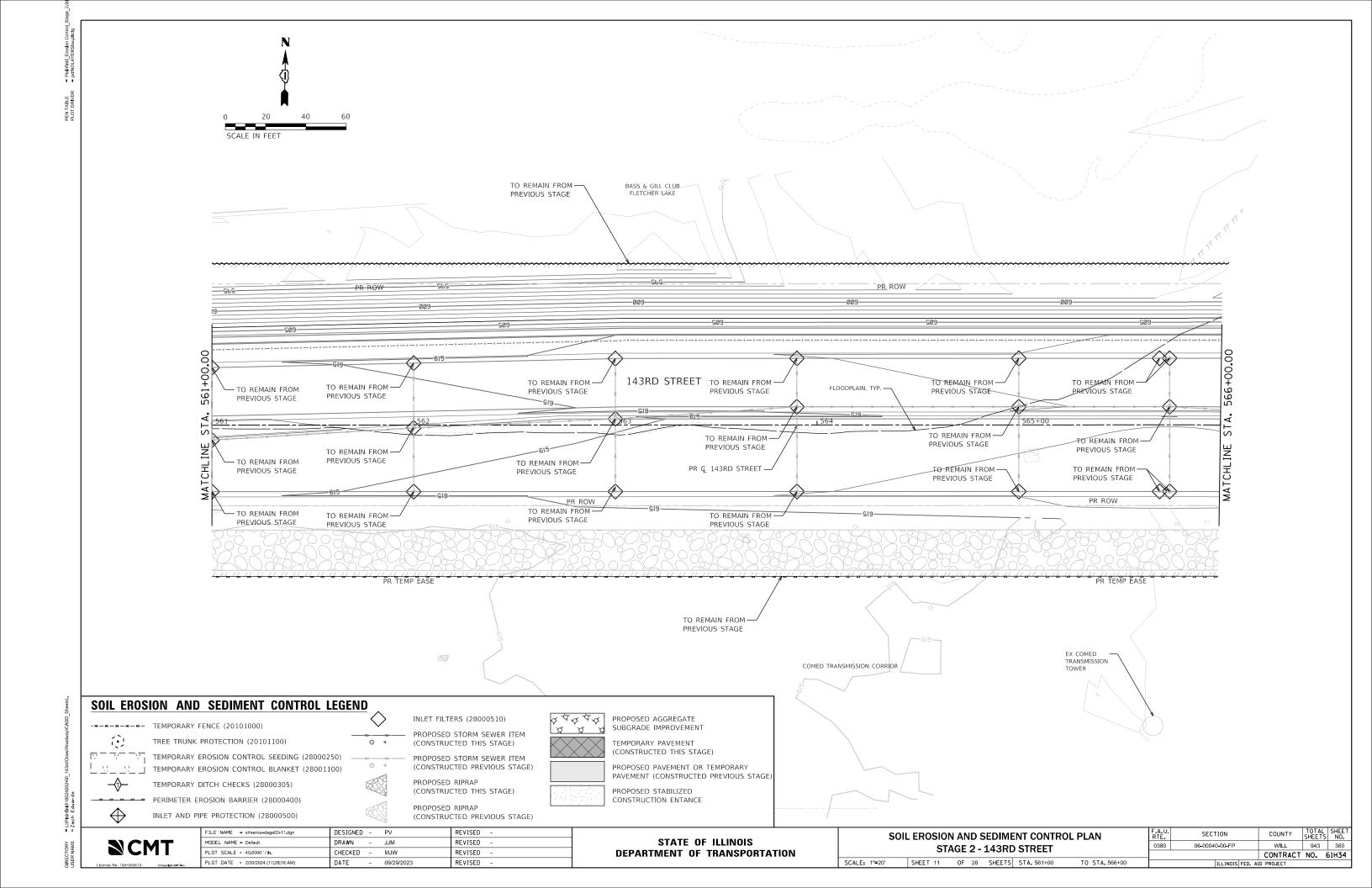


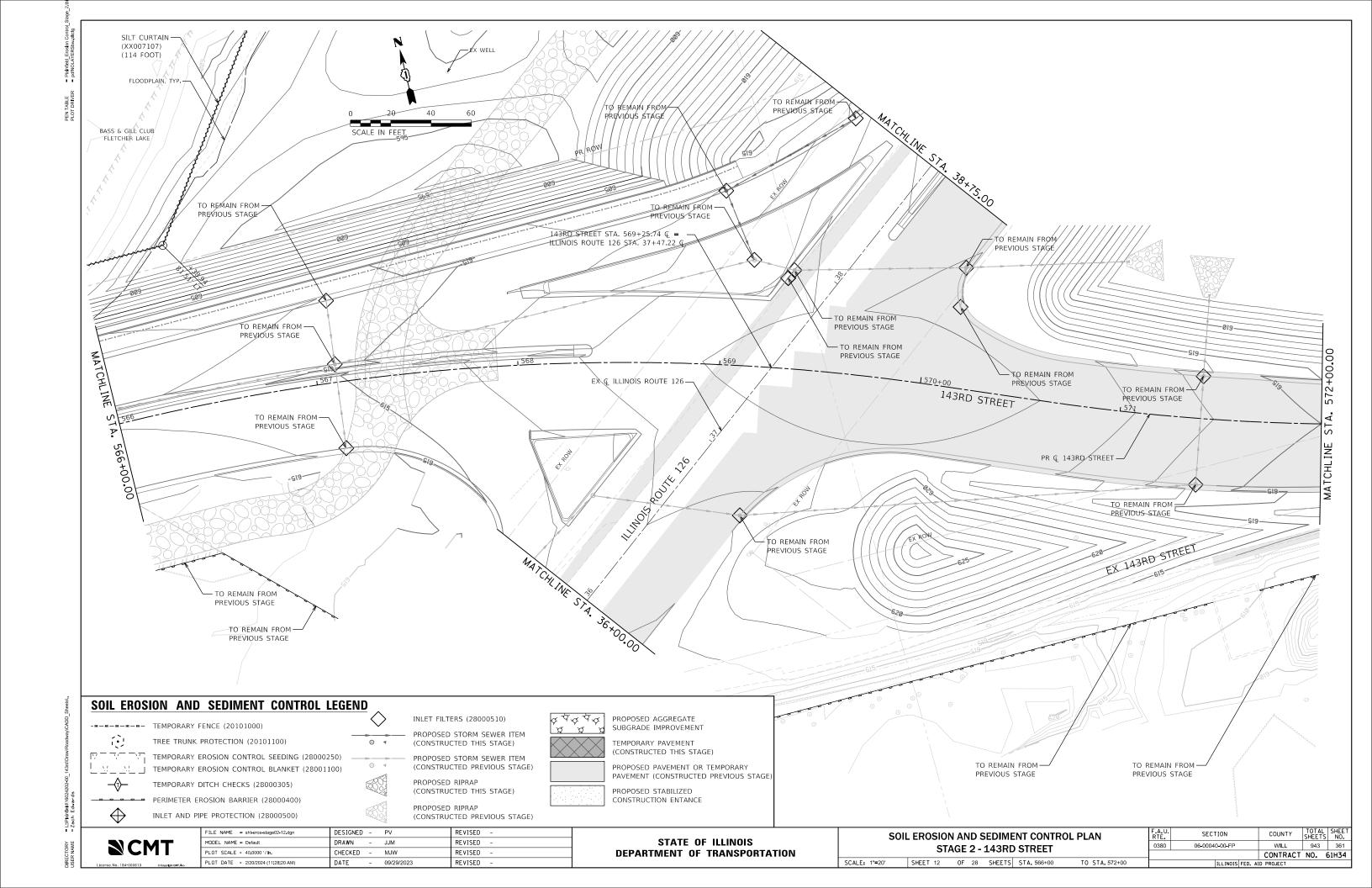


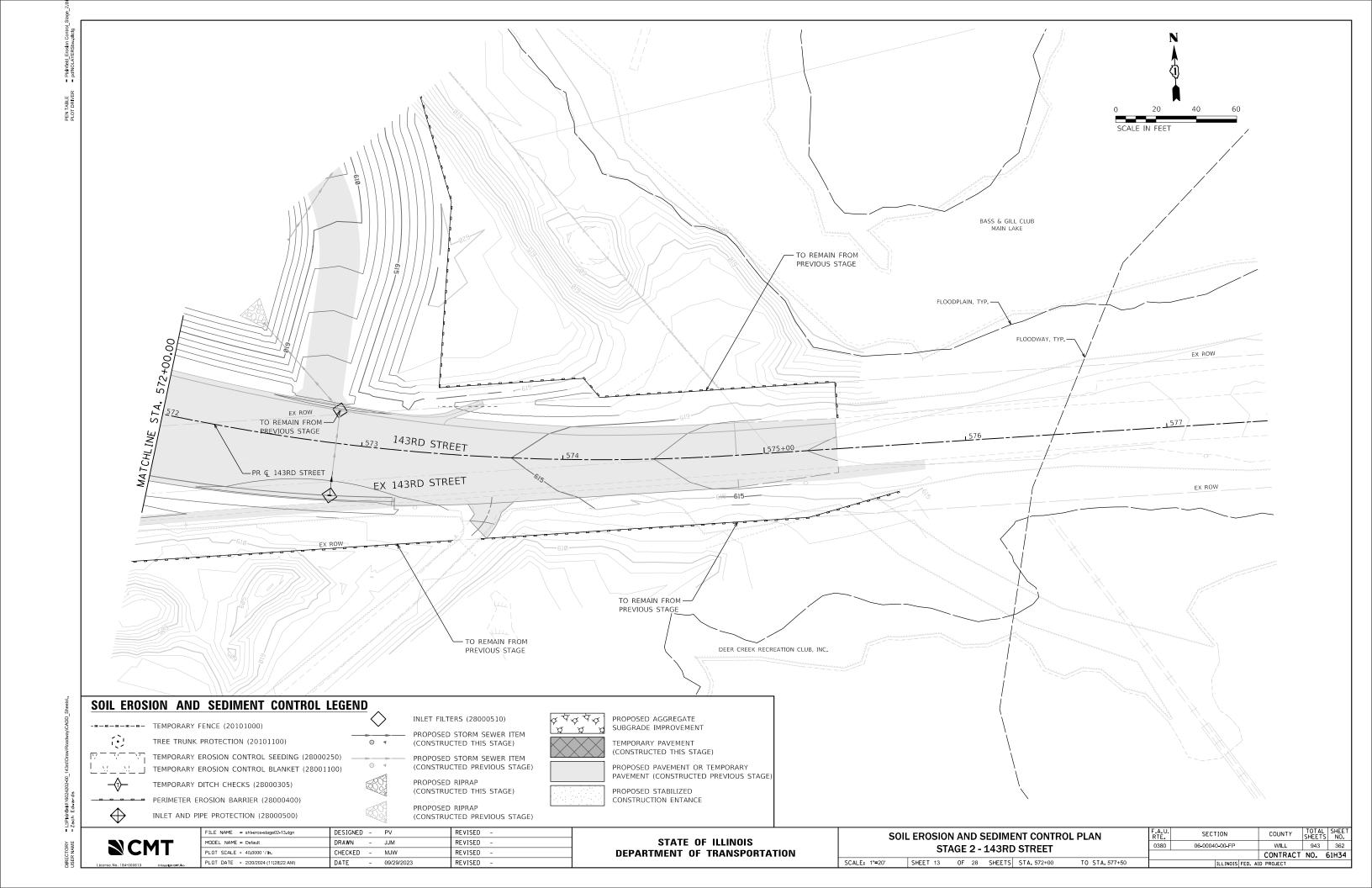


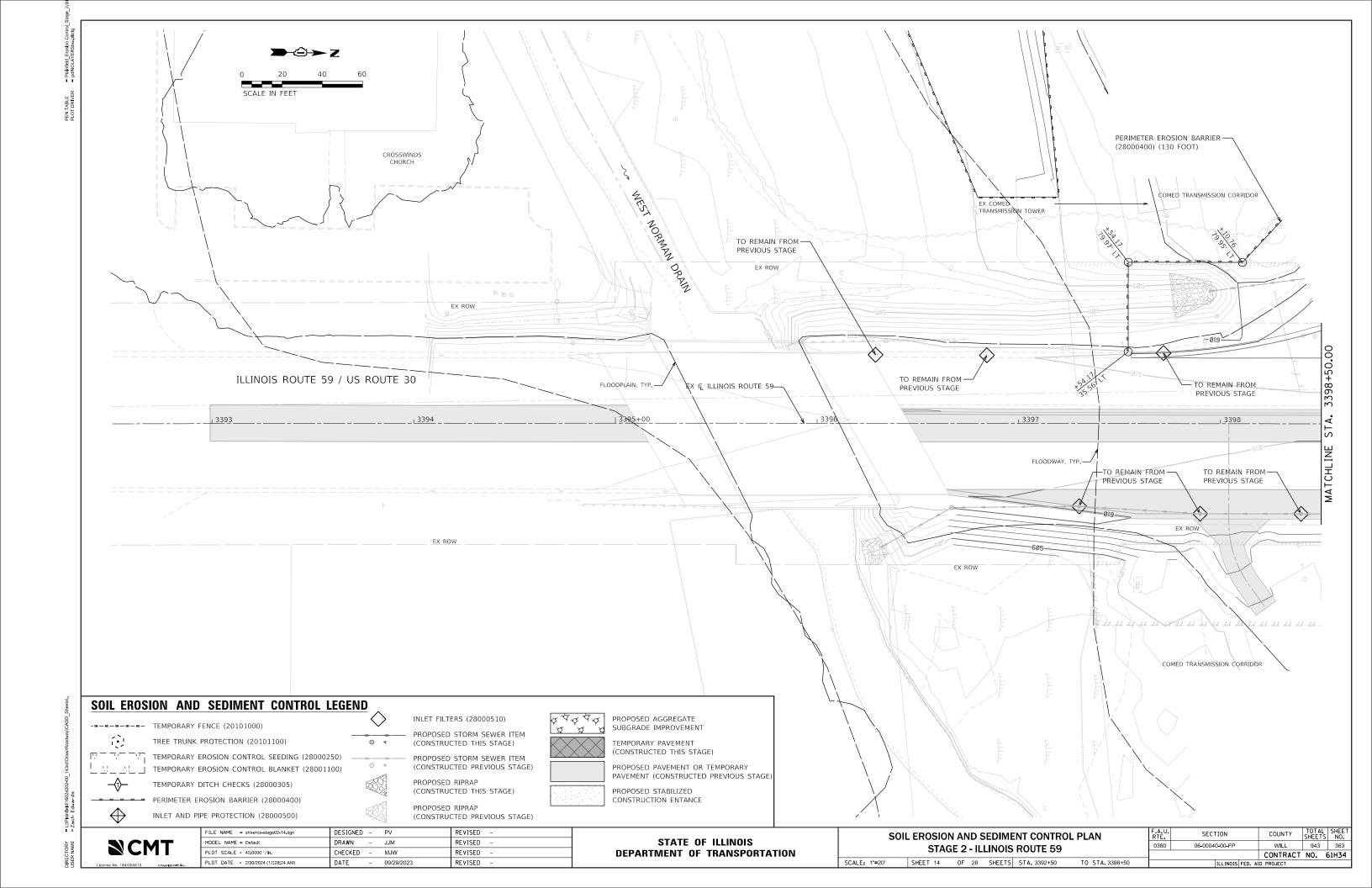


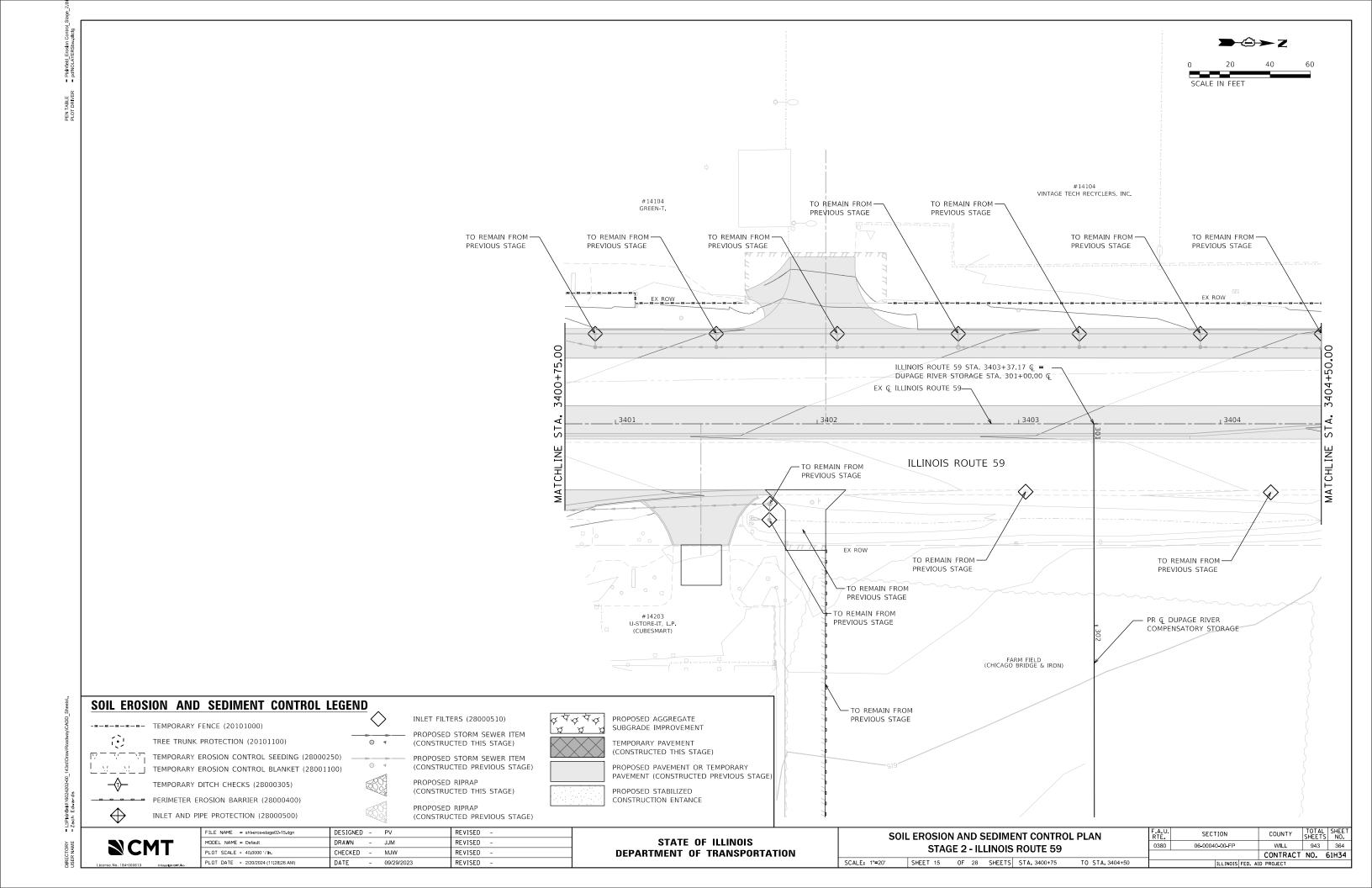


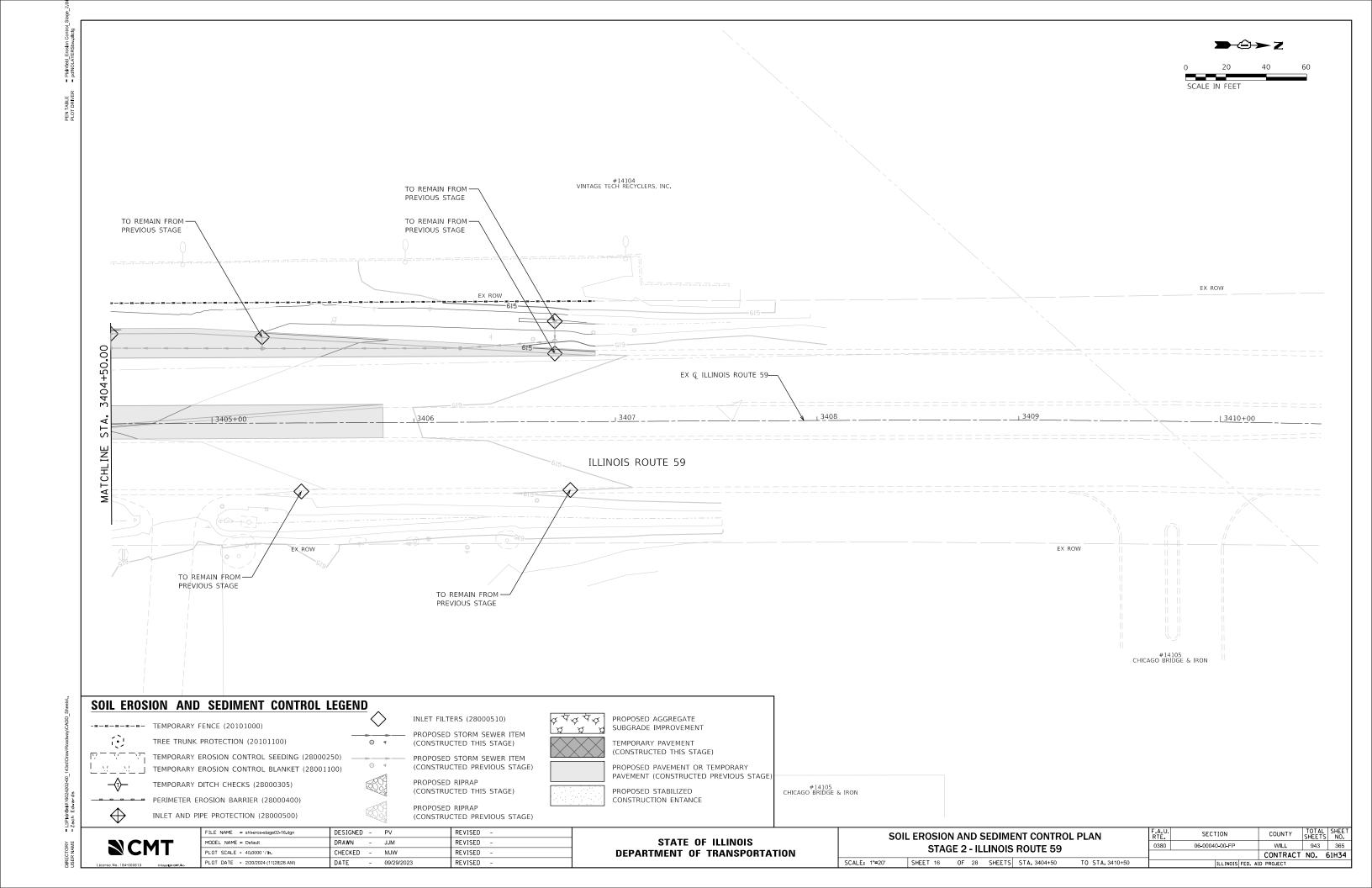


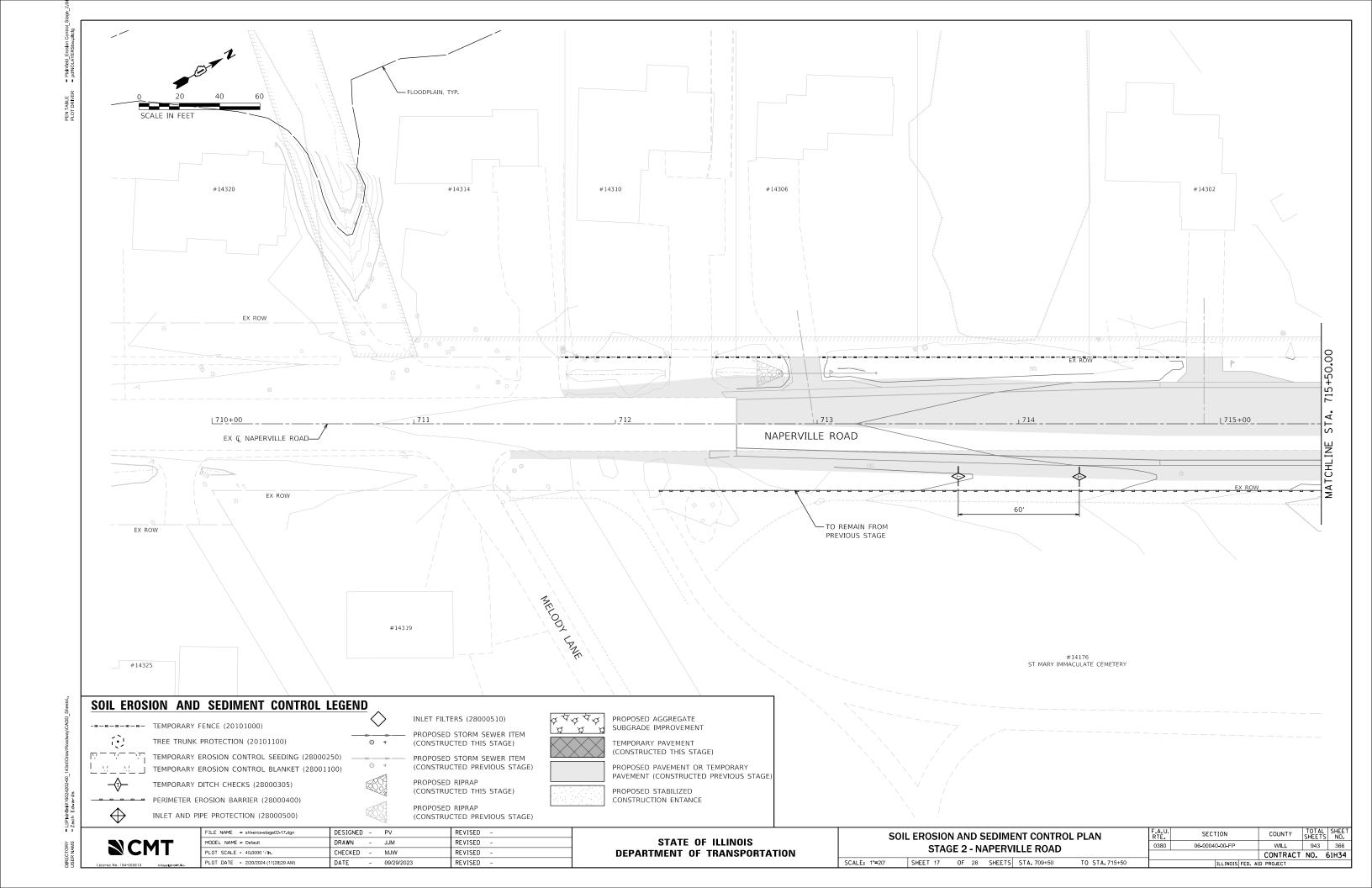


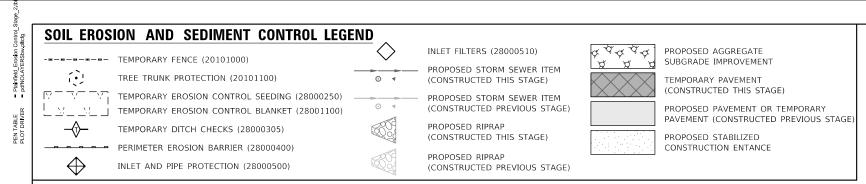


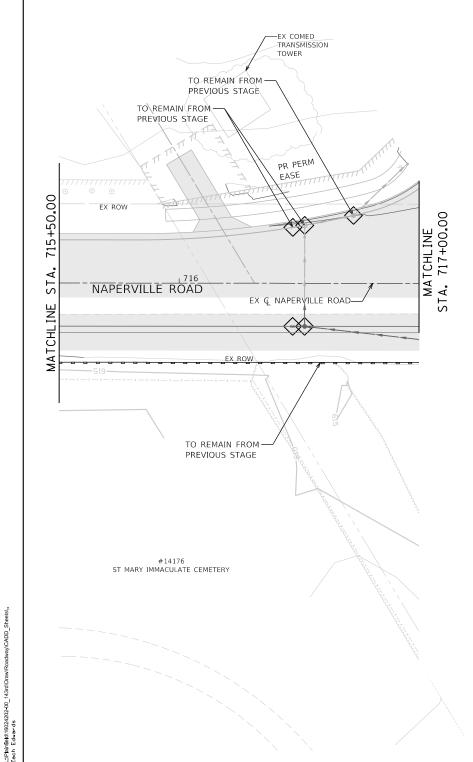












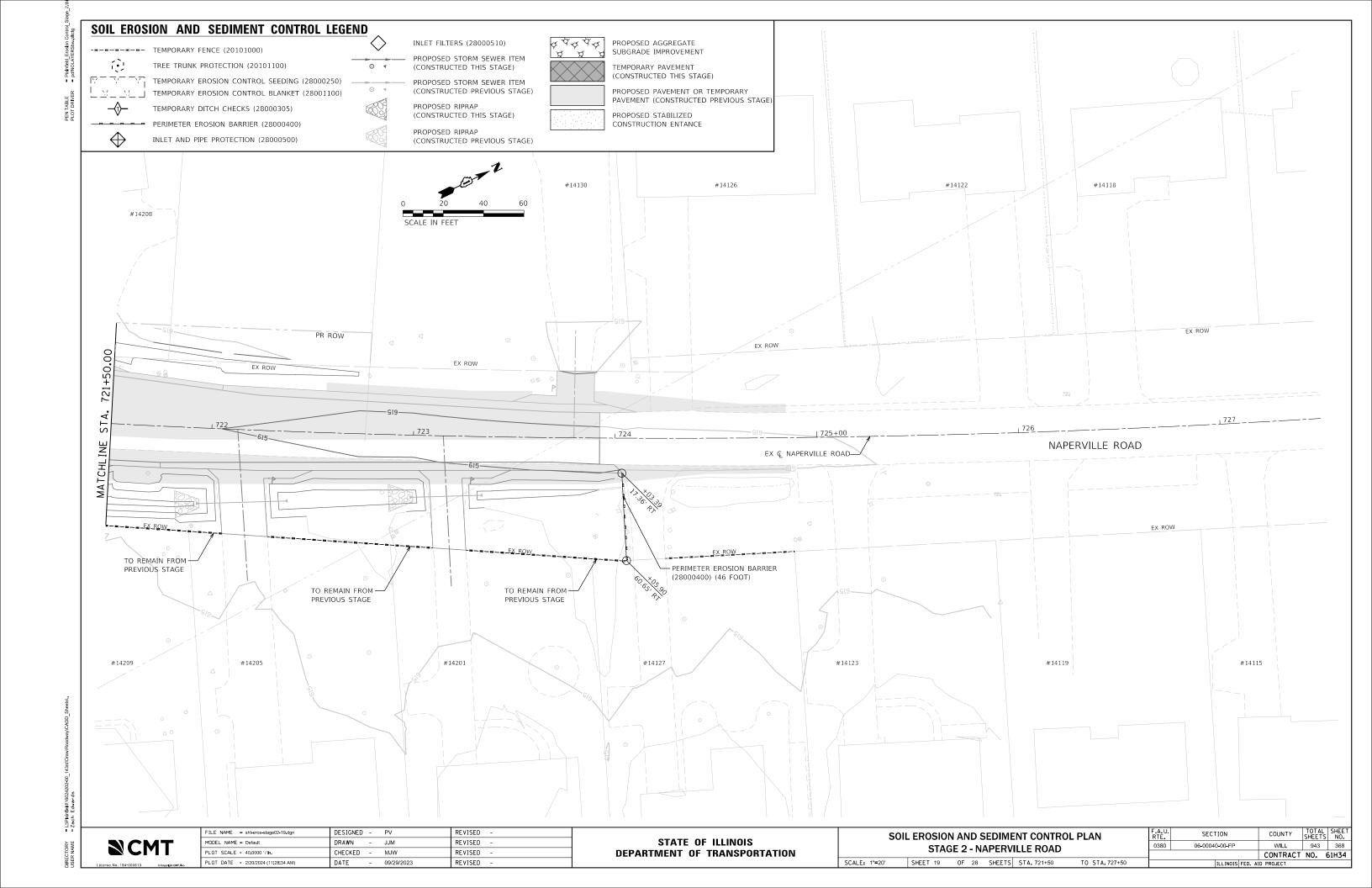
SCALE IN FEET #14218 #14208 TO REMAIN FROM PREVIOUS STAGE PR ROW EX ROW EX Q NAPERVILLE ROAD-NAPERVILLE ROAD EX ROW TO REMAIN FROM-TO REMAIN FROM-PREVIOUS STAGE PREVIOUS STAGE TO REMAIN FROM PREVIOUS STAGE TO REMAIN FROM -PREVIOUS STAGE #14213 #14209 SECTION COUNTY SOIL EROSION AND SEDIMENT CONTROL PLAN

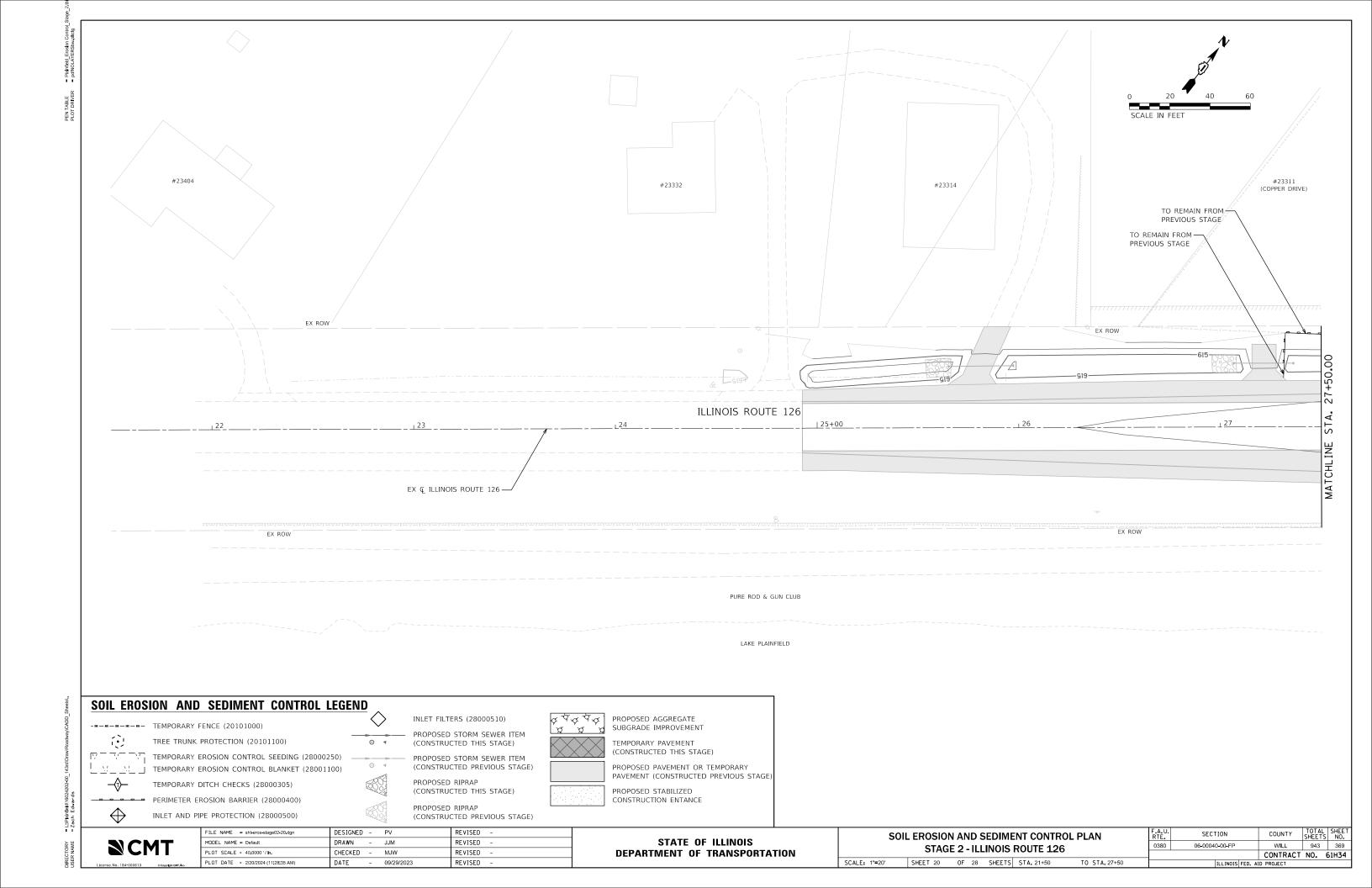
SCMT

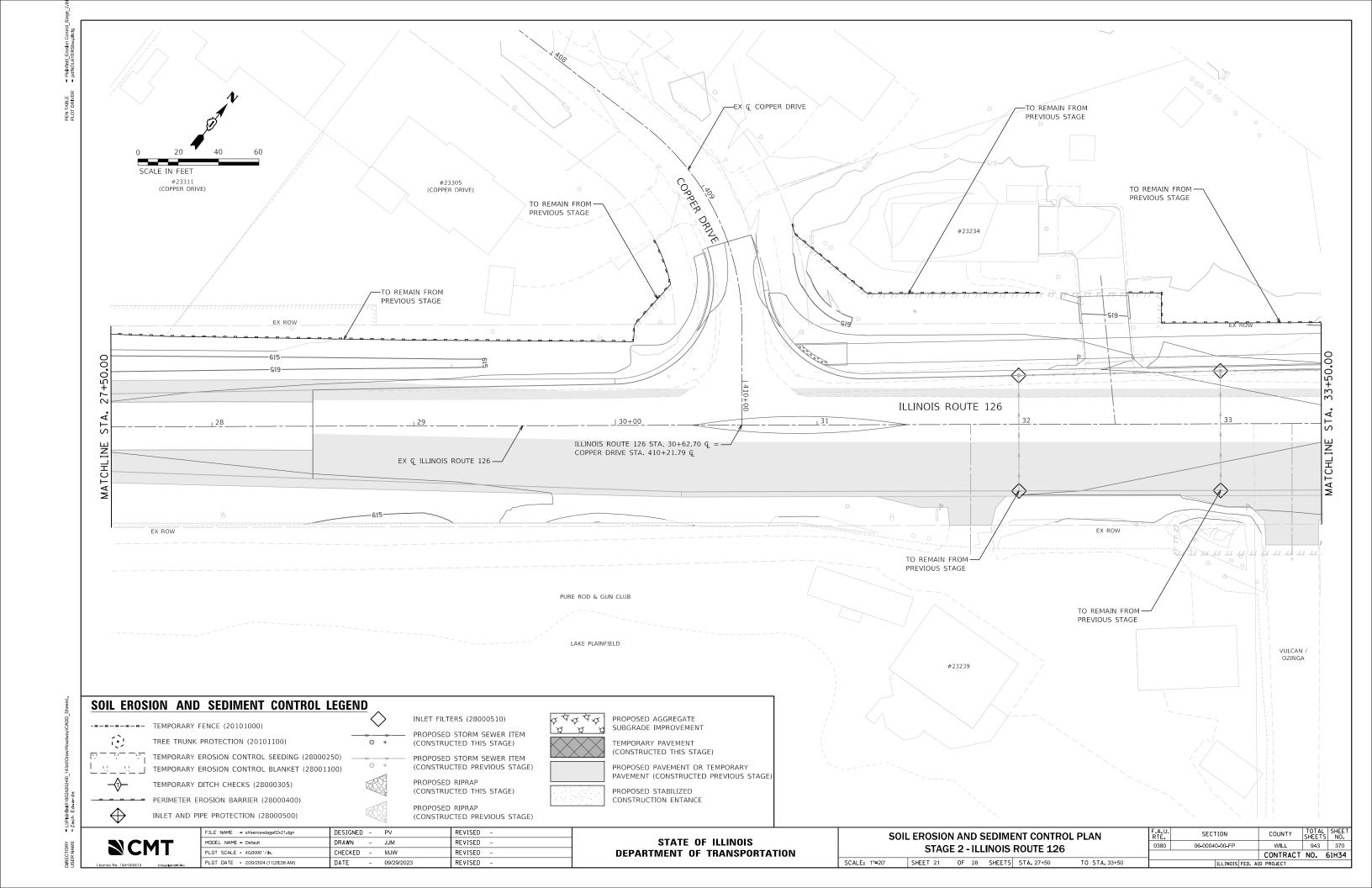
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** **STAGE 2 - NAPERVILLE ROAD** TO STA. 721+50

0380 06-00040-00-FP WILL 943 367 CONTRACT NO. 61H34 SCALE: 1"=20' SHEET 18 OF 28 SHEETS STA. 715+50







TO REMAIN FROM-PREVIOUS STAGE ILLINOIS ROUTE 126 TO REMAIN FROM -EX Q ILLINOIS ROUTE 126 -PREVIOUS STAGE EX ROW TO REMAIN FROM TO REMAIN FROM PREVIOUS STAGE PREVIOUS STAGE TO REMAIN FROM -PREVIOUS STAGE COMED TRANSMISSION CORRIDOR SOIL EROSION AND SEDIMENT CONTROL LEGEND INLET FILTERS (28000510) PROPOSED AGGREGATE ---- TEMPORARY FENCE (20101000) SUBGRADE IMPROVEMENT PROPOSED STORM SEWER ITEM TREE TRUNK PROTECTION (20101100) (CONSTRUCTED THIS STAGE) TEMPORARY PAVEMENT (CONSTRUCTED THIS STAGE) TEMPORARY EROSION CONTROL SEEDING (28000250) PROPOSED STORM SEWER ITEM ⊙ ∢ (CONSTRUCTED PREVIOUS STAGE) PROPOSED PAVEMENT OR TEMPORARY __ TEMPORARY EROSION CONTROL BLANKET (28001100) PAVEMENT (CONSTRUCTED PREVIOUS STAGE) PROPOSED RIPRAP TEMPORARY DITCH CHECKS (28000305) (CONSTRUCTED THIS STAGE) PROPOSED STABILIZED CONSTRUCTION ENTANCE PERIMETER EROSION BARRIER (28000400) SCALE IN FEET PROPOSED RIPRAP INLET AND PIPE PROTECTION (28000500) (CONSTRUCTED PREVIOUS STAGE) TOTAL SHEET NO. 943 371 FILE NAME = sht-eros-stage02-22.dgn DESIGNED - PV REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN SECTION COUNTY STATE OF ILLINOIS MODEL NAME = Default DRAWN - JJM REVISED **S**CMT 06-00040-00-FP WILL STAGE 2 - ILLINOIS ROUTE 126

DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20' SHEET 22 OF 28 SHEETS STA. 33+50

TO STA. 36+00

CONTRACT NO. 61H34

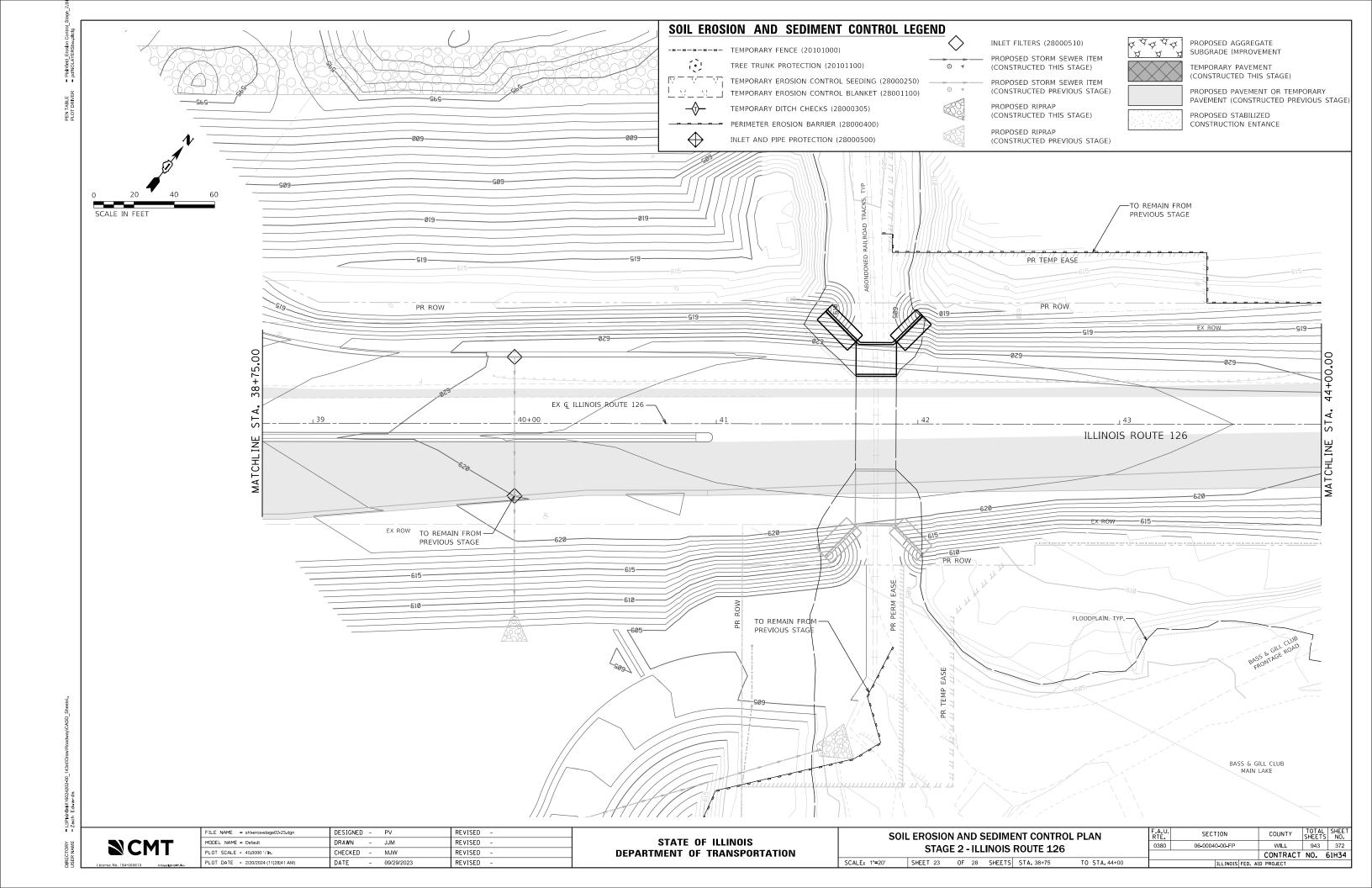
CHECKED - MJW

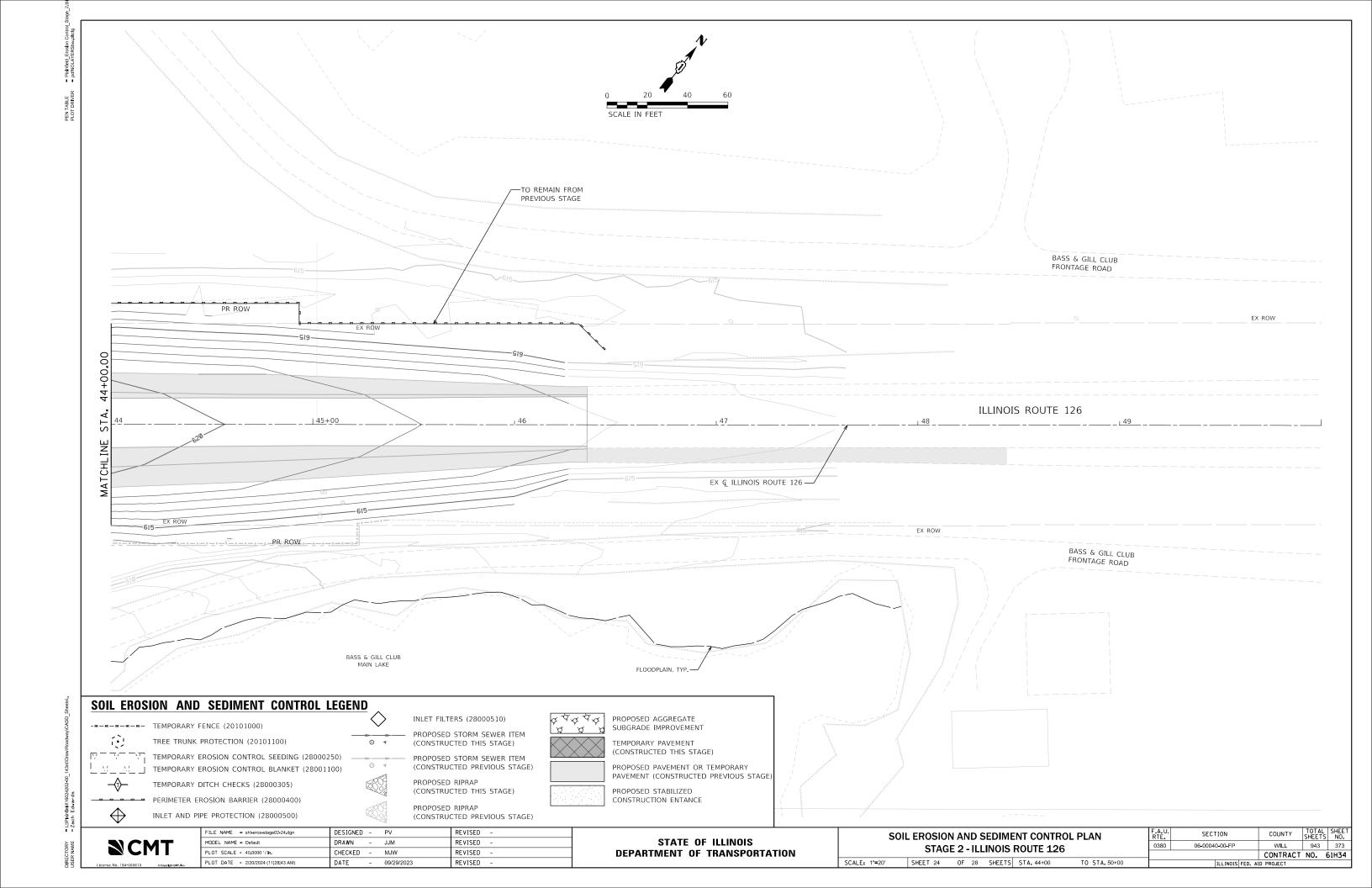
DATE - 09/29/2023

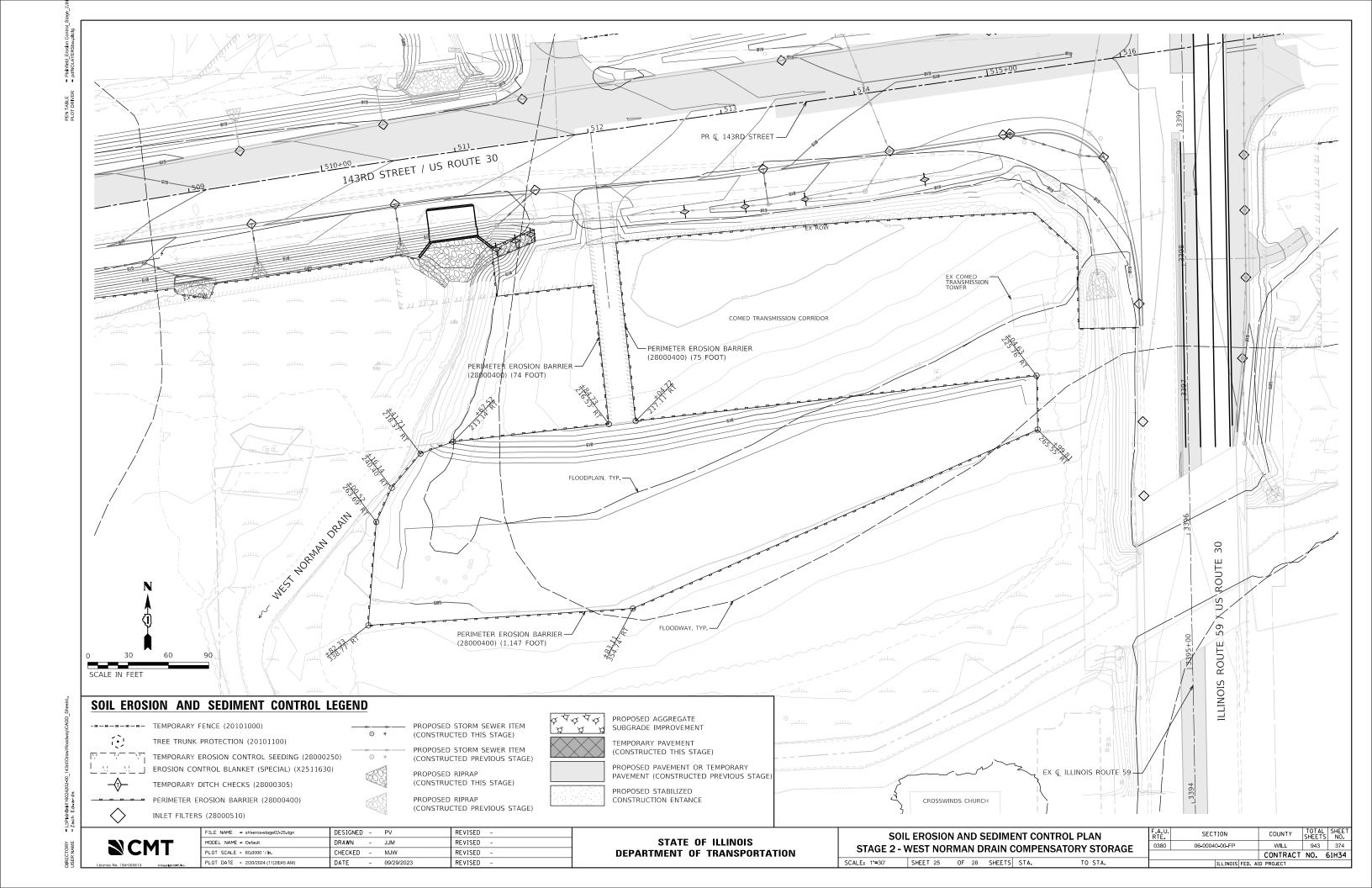
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REVISED

REVISED





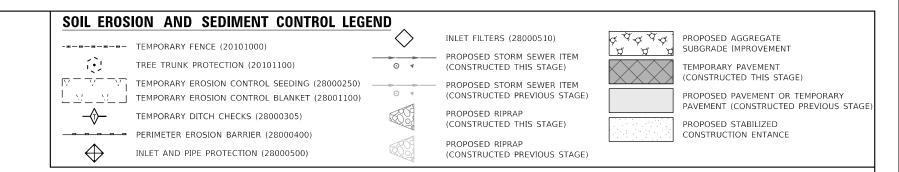


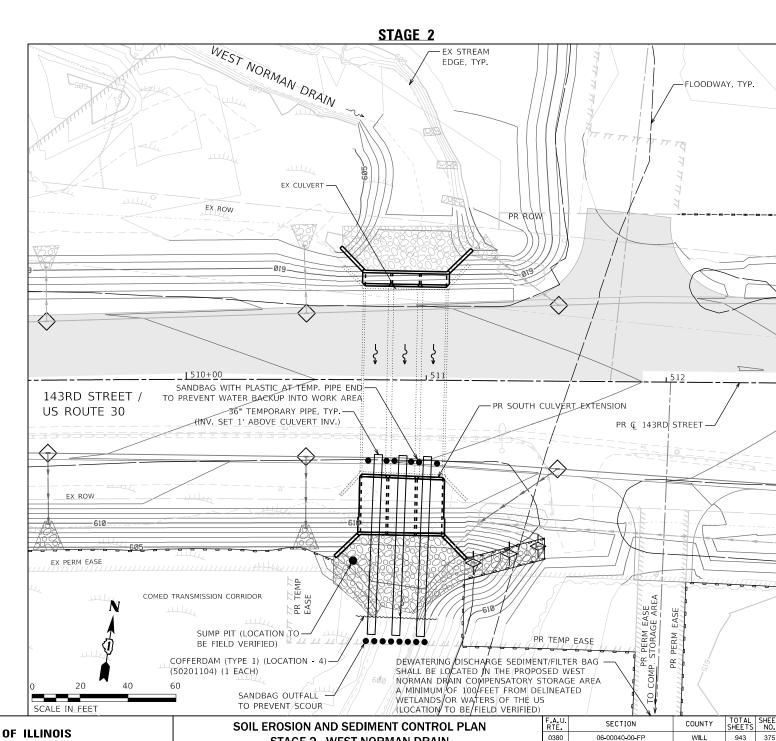
SUGGESTED SEQUENCE OF CONSTRUCTION STAGE 2

- INSTALL COFFERDAM AND TEMPORARY PIPING.
- DEMOLITION OF EXISTING CULVERT HEADWALL.
- CONSTRUCT CULVERT EXTENSION AND INSTALL PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE COFFERDAM (RIPRAP AND CREEK STABILIZATION).
- REMOVE COFFERDAM.

NOTES

- EXISTING 2-YEAR FLOOD ELEVATION = 603.93 PROPOSED 2-YEAR FLOOD ELEVATION = 603.89
- IF THE CONTRACTOR AMENDS THE SUGGESTED METHOD OF CONSTRUCTION, HE SHALL SUBMIT HIS PROPOSED ALTERNATIVE PLAN TO THE ENGINEER AND WILL / SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT FOR APPROVAL PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BEAR ALL LIABILITY AND PENALTIES FOR DISTURBANCES BEYOND THE LIMITS SHOWN IN THE CONTRACT.
- THE LOCATION OF THE SUMP PIT SHALL BE ADJUSTED TO MEET FIELD CONDITIONS.
- ALL STORM WATER DISCHARGE SHALL BE TREATED BY MEANS OF A SEDIMENT/FILTER BAG APPROPRIATELY SIZED BY THE CONTRACTOR BASED UPON THE DEWATERING OPERATIONS.
- NO WORK SHALL BE PERMITTED IN FLOWING WATER WITH THE EXCEPTION OF COFFERDAM CONSTRUCTION.
- COST OF TEMPORARY PIPING AND SANDBAGS SHALL BE CONSIDERED INCLUDED IN THE COST OF COFFERDAM (TYPE 1) (LOCATION - 4).







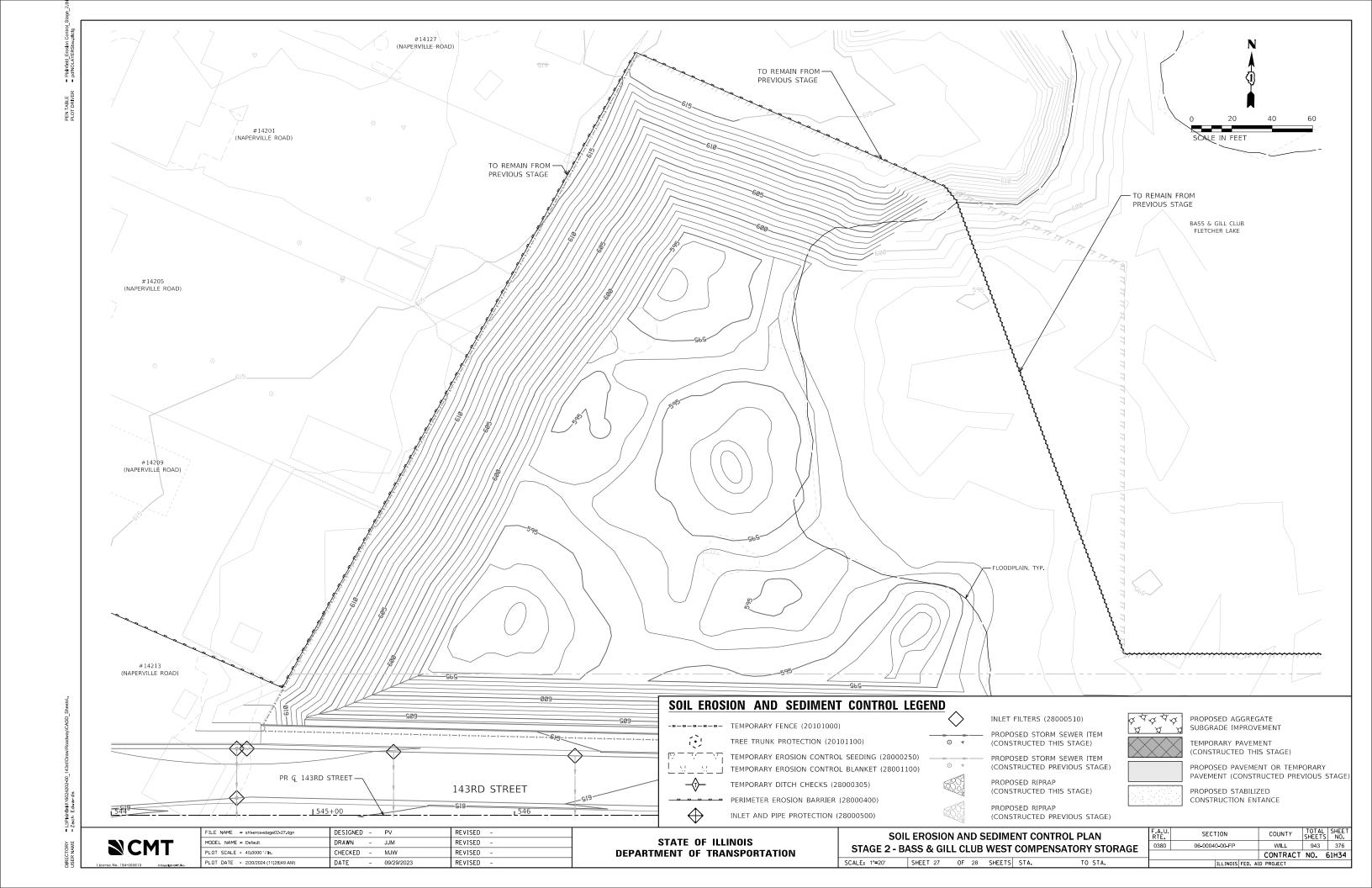
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MODEL NAME = Default	DRAWN - JJM	REVISED -
PLOT SCALE = 40.0000 / In.	CHECKED - MJW	REVISED -
PLOT DATE = 2/20/2024 (11:28:47 AM)	DATE - 09/29/2023	REVISED -

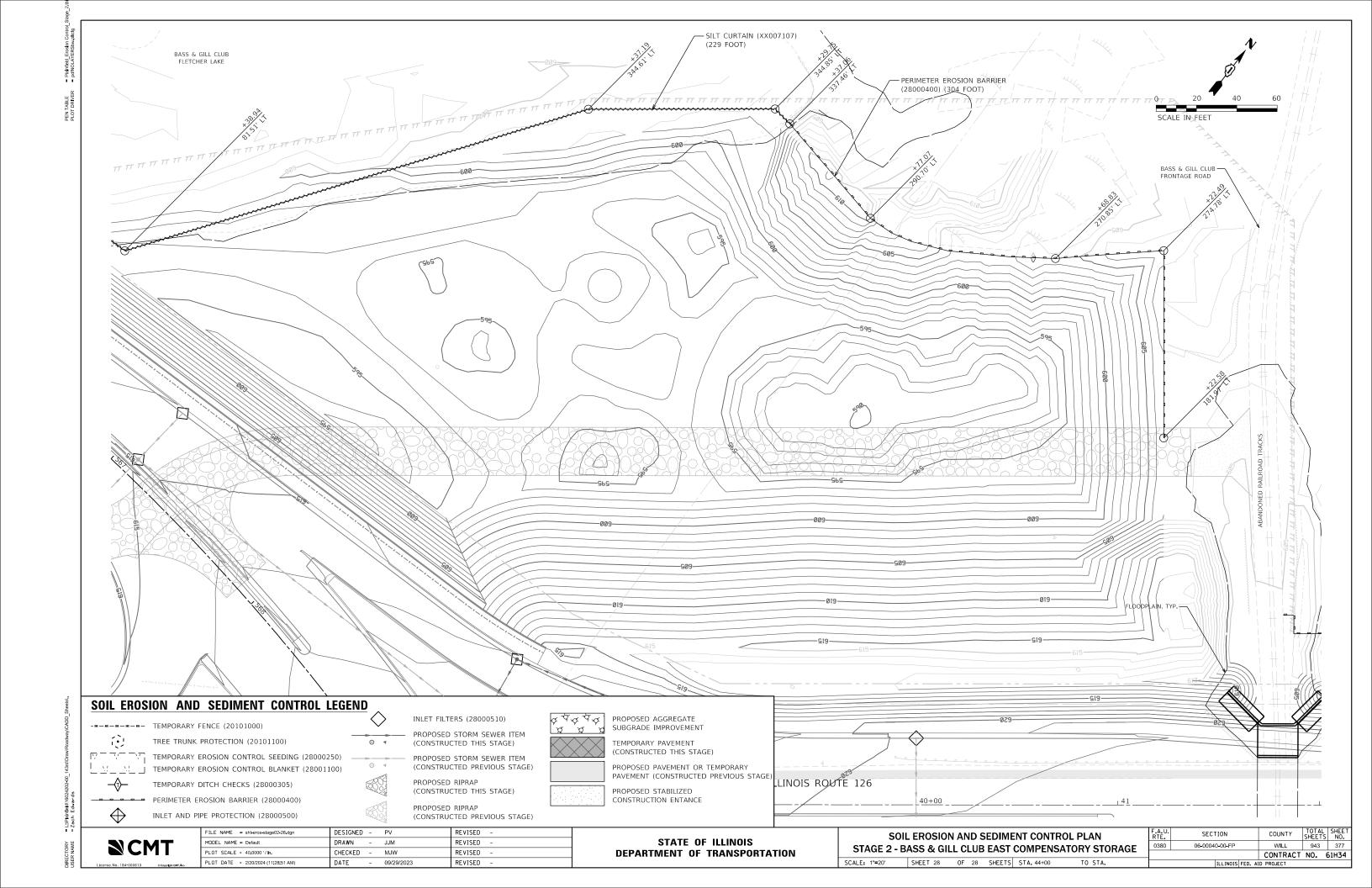
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

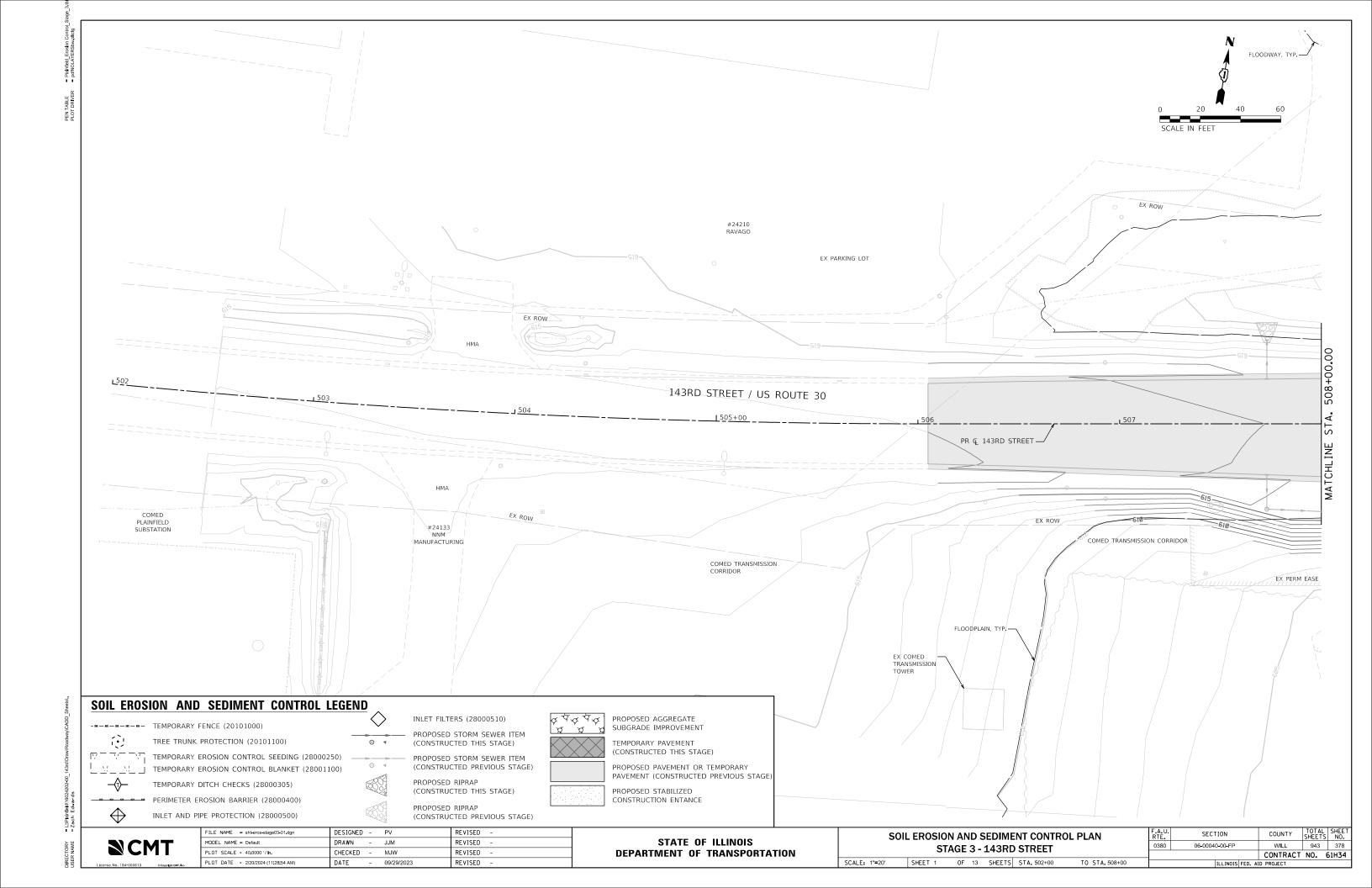
STAGE 2 - WEST NORMAN DRAIN SHEET 26 OF 28 SHEETS STA. 44+00 TO STA. 50+00

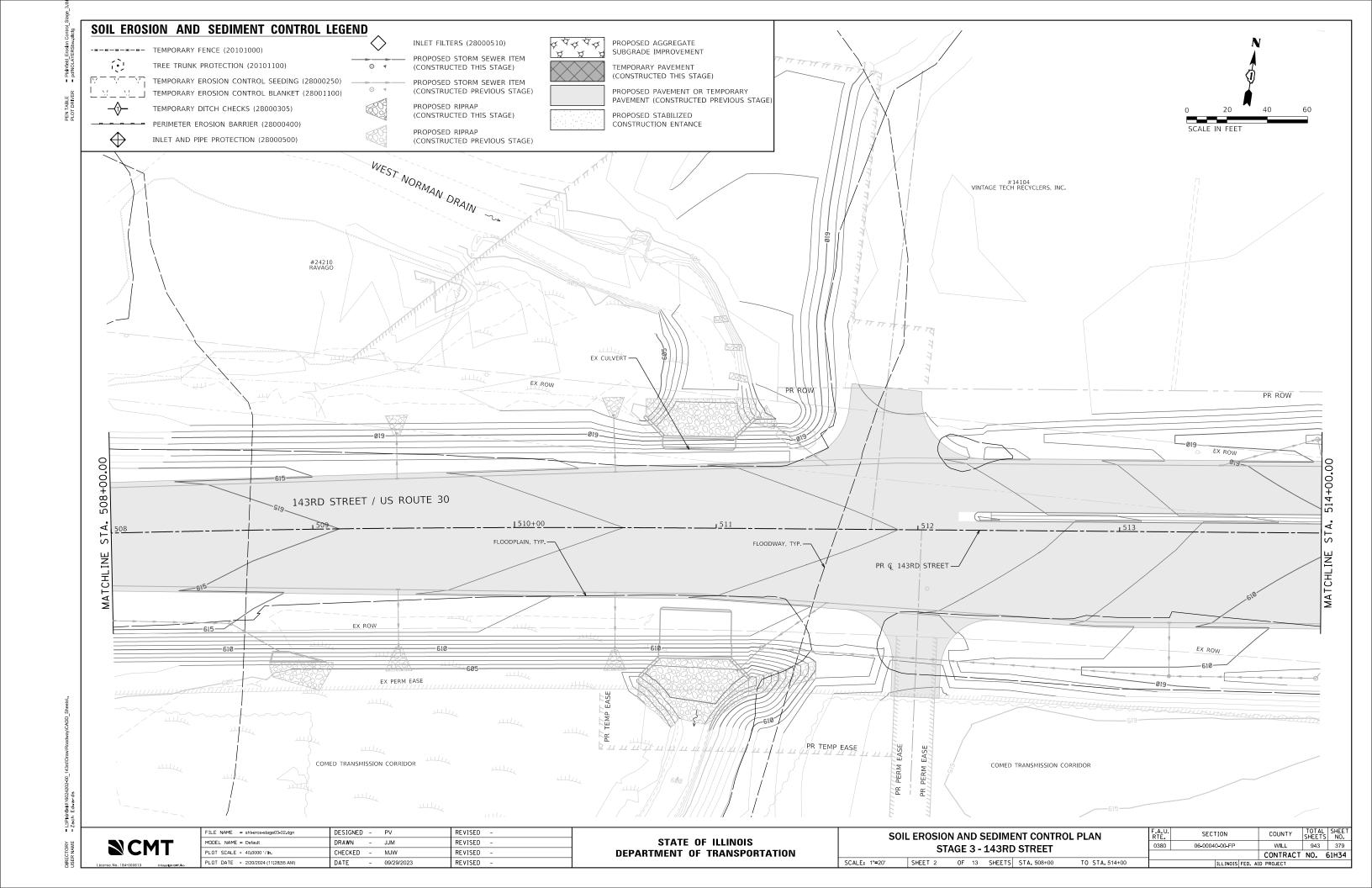
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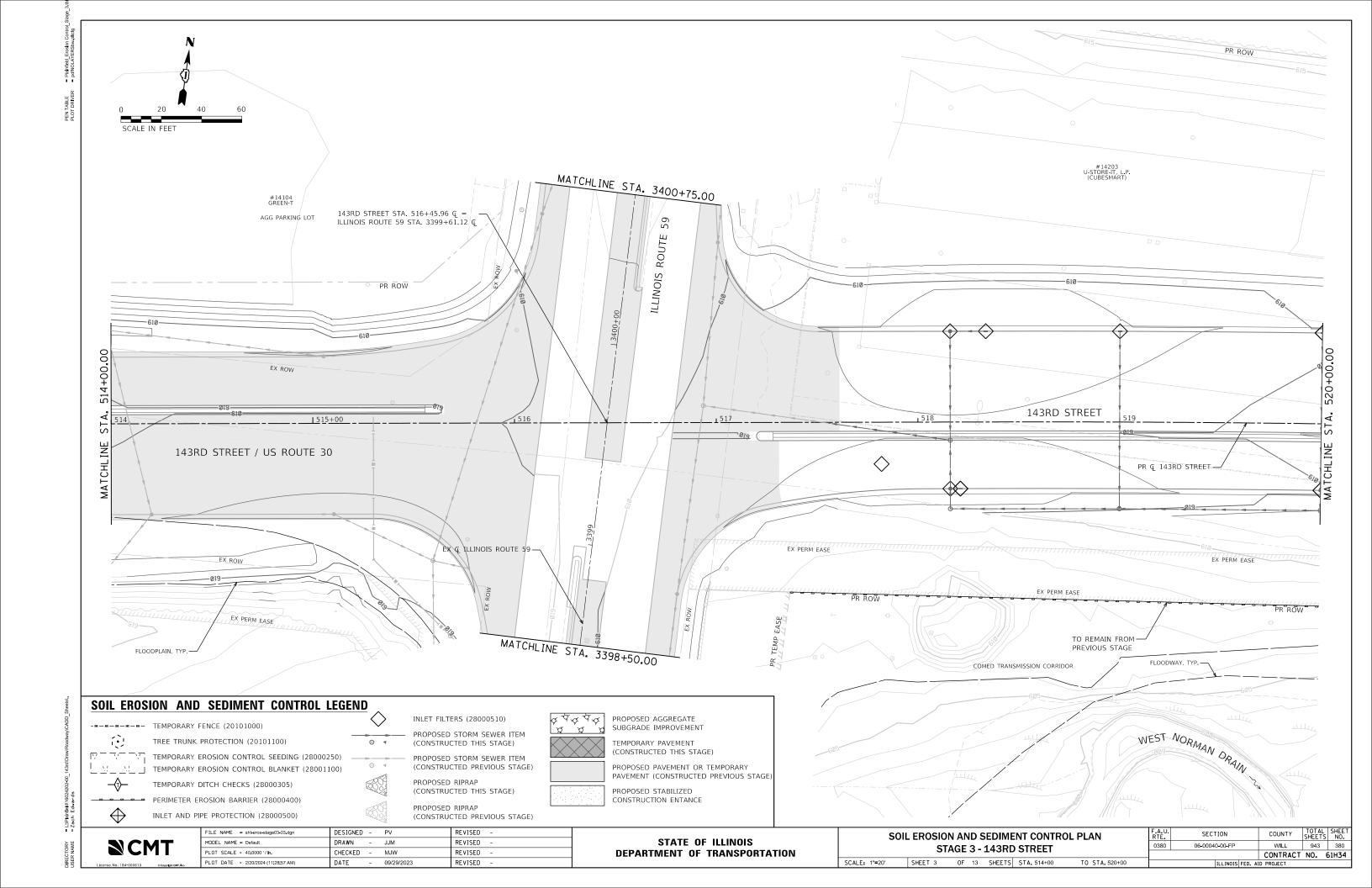
CONTRACT NO. 61H34

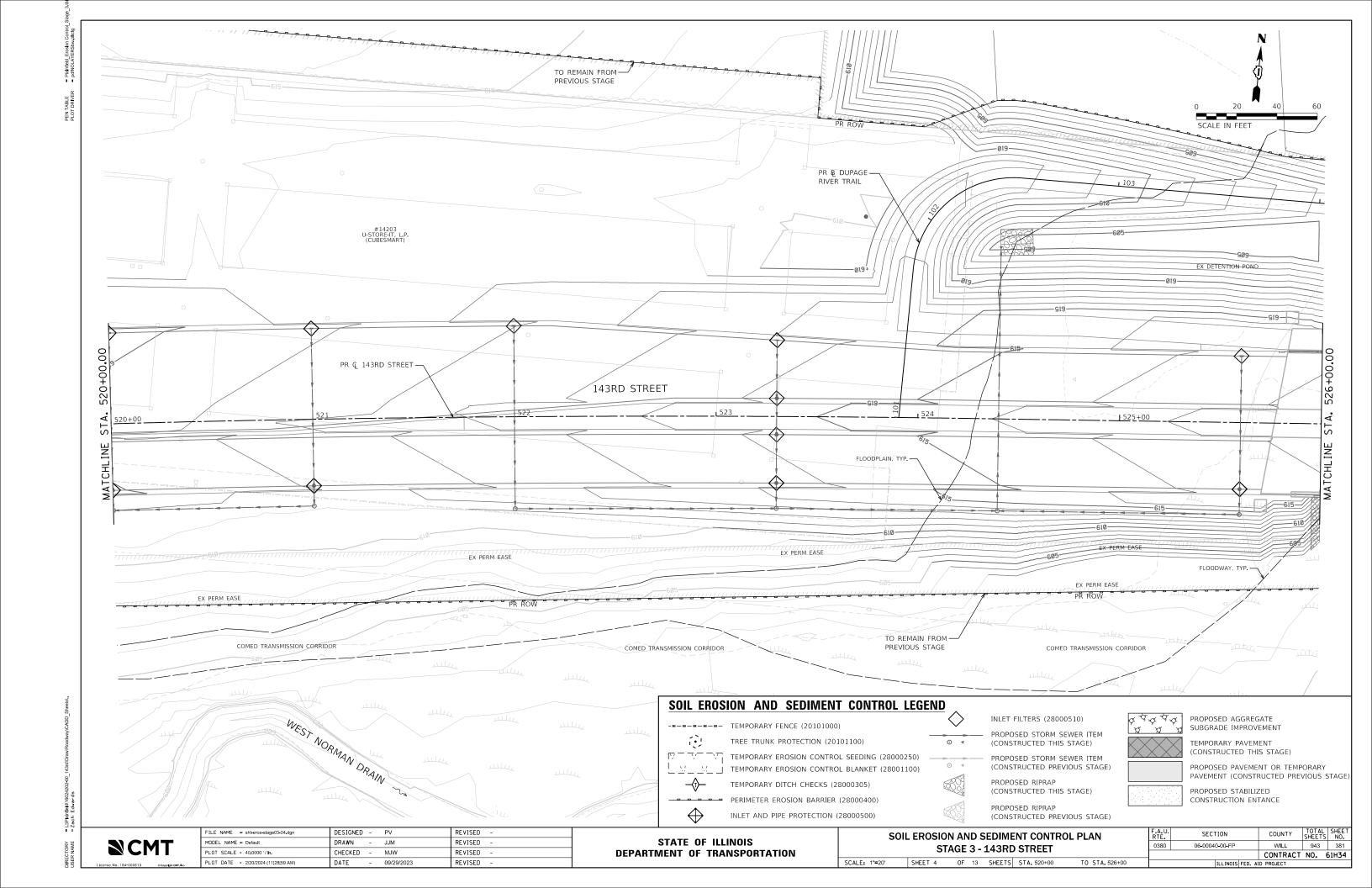


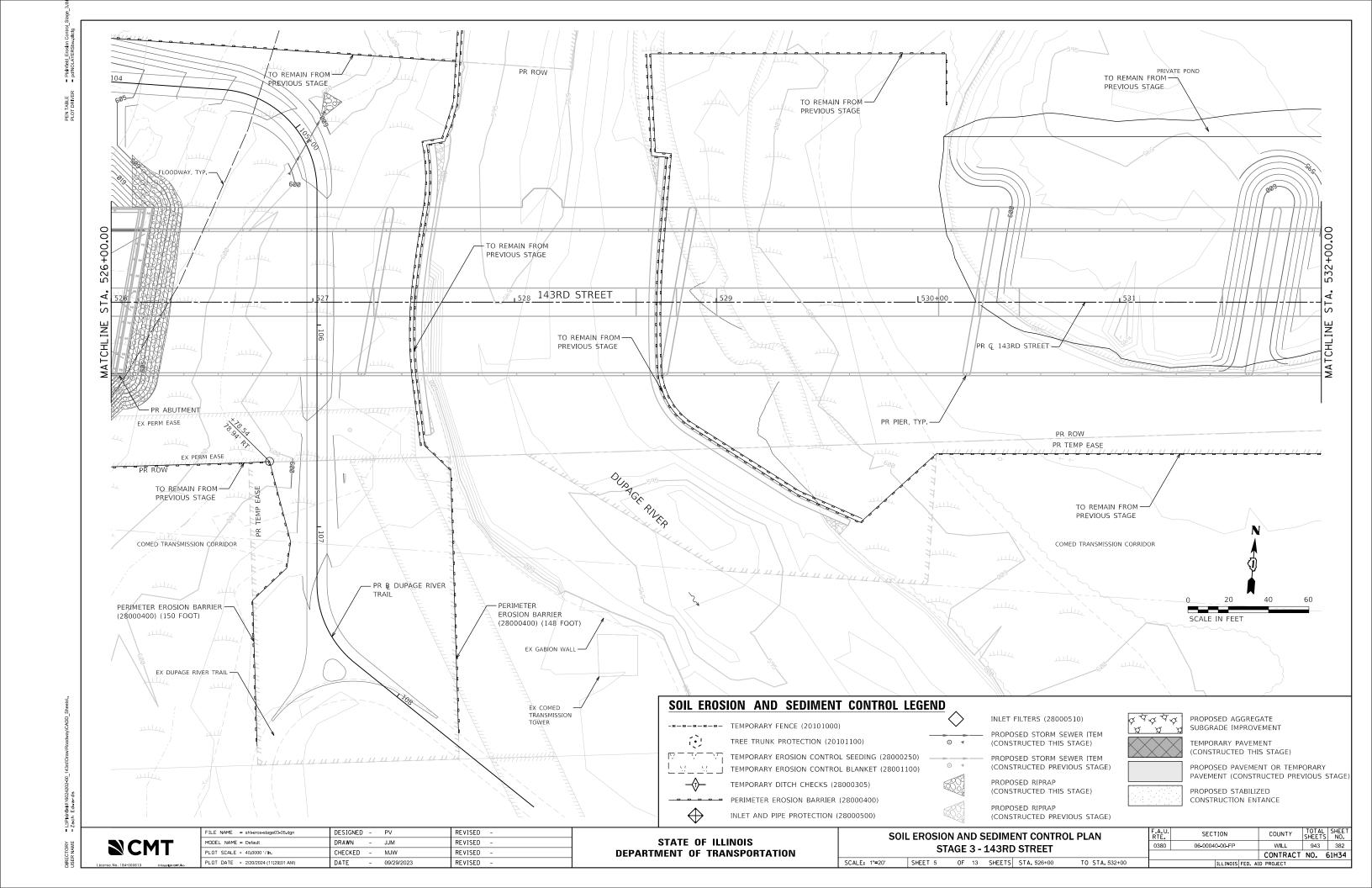


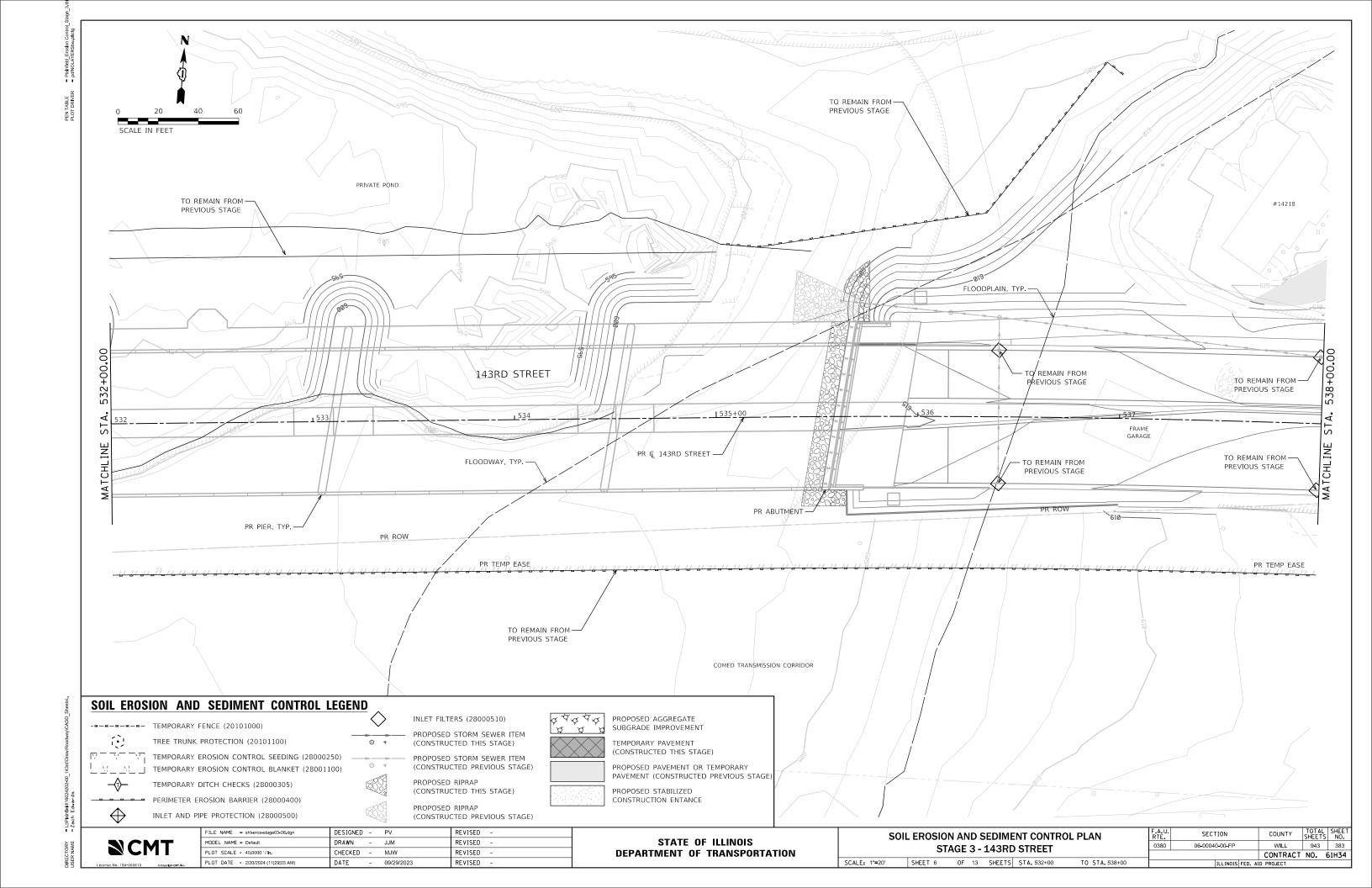


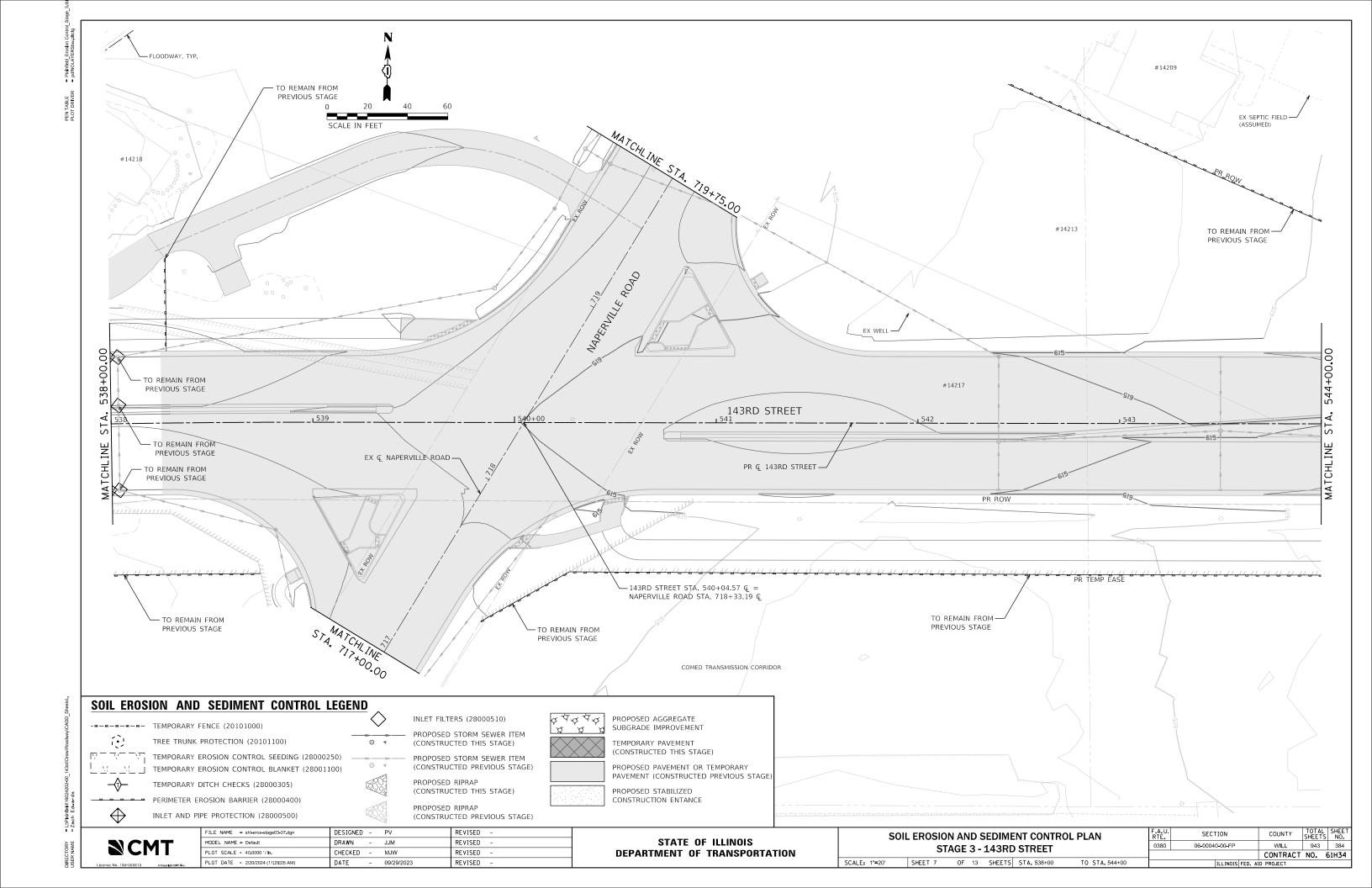


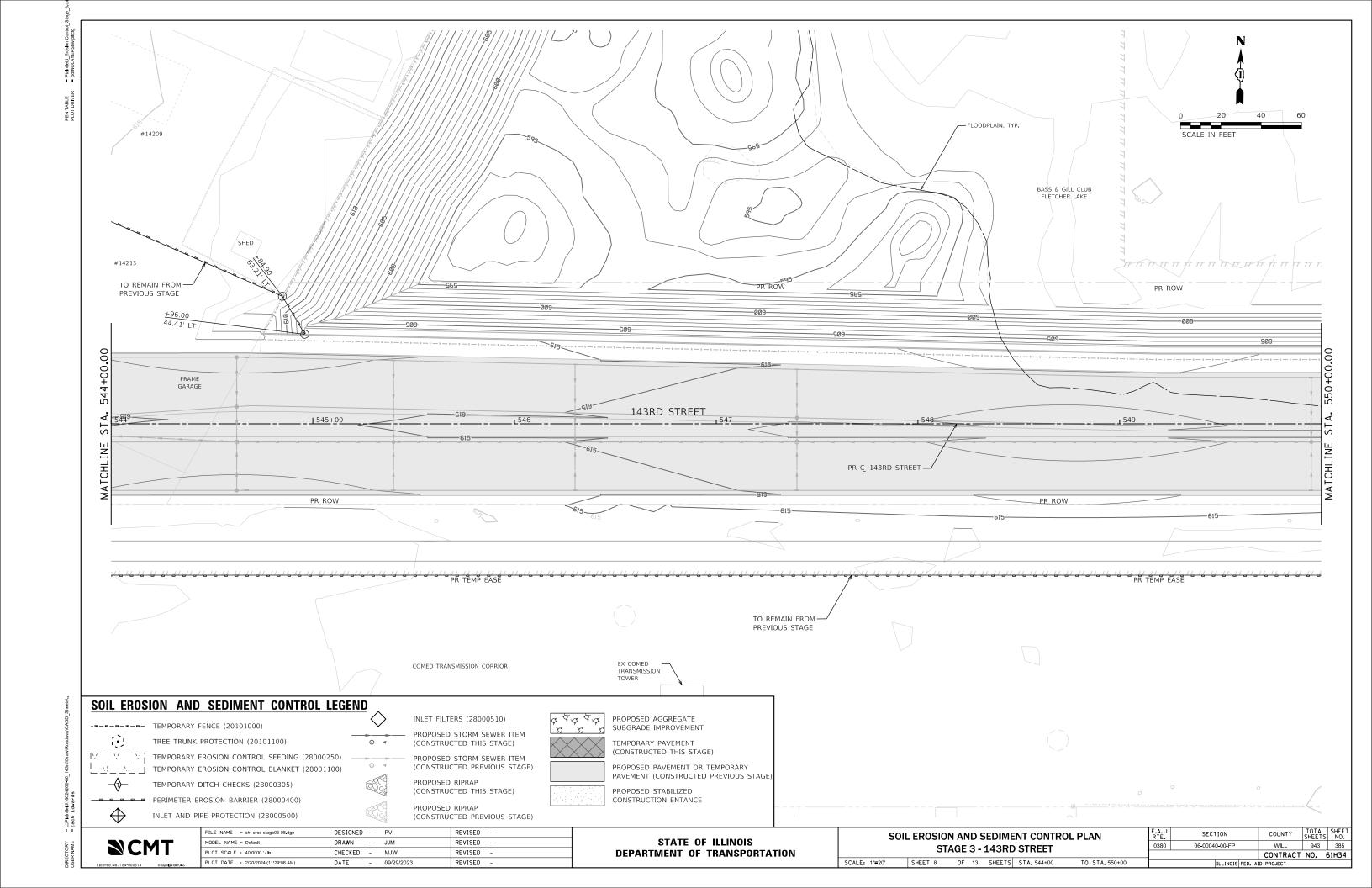


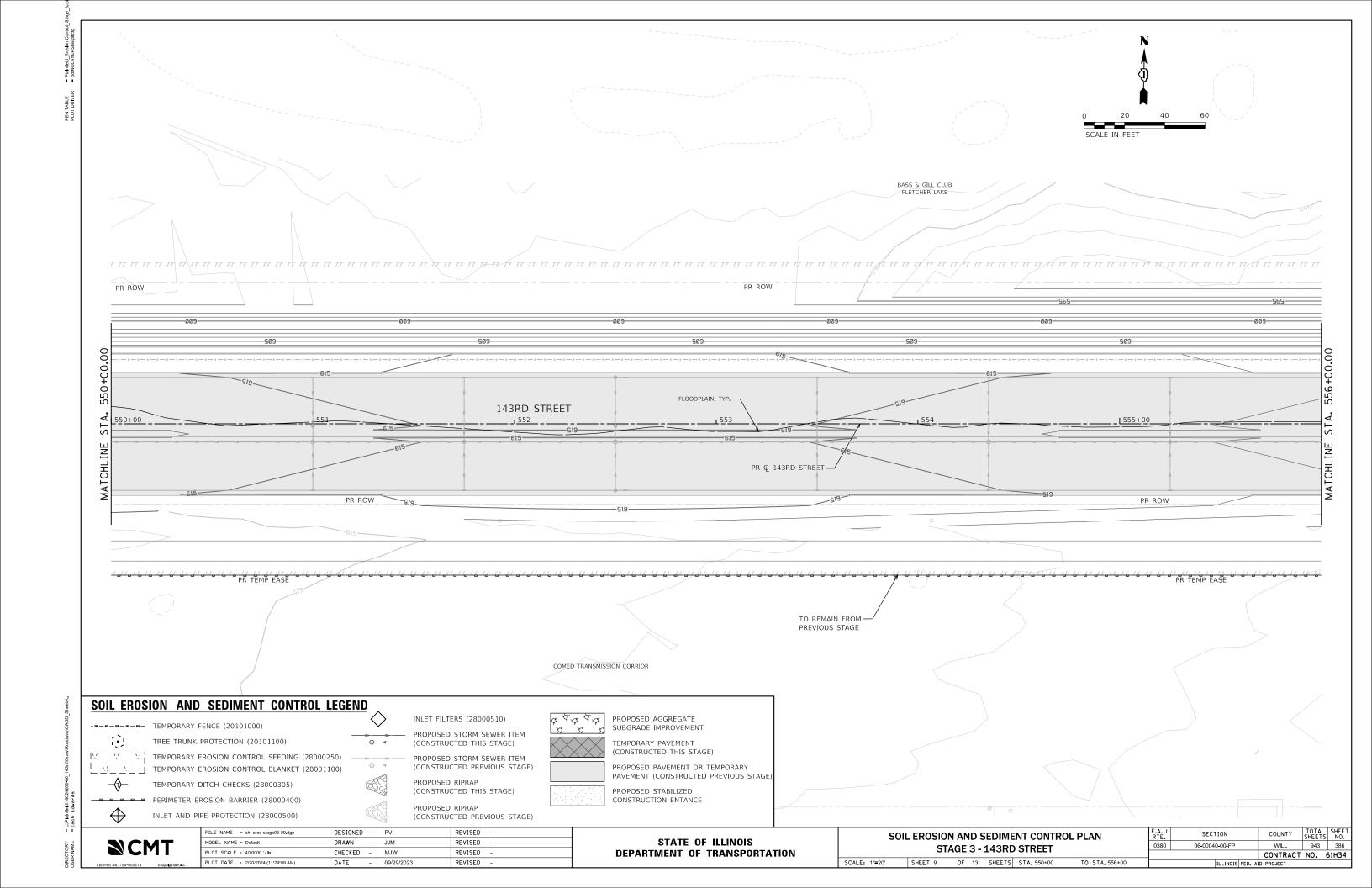


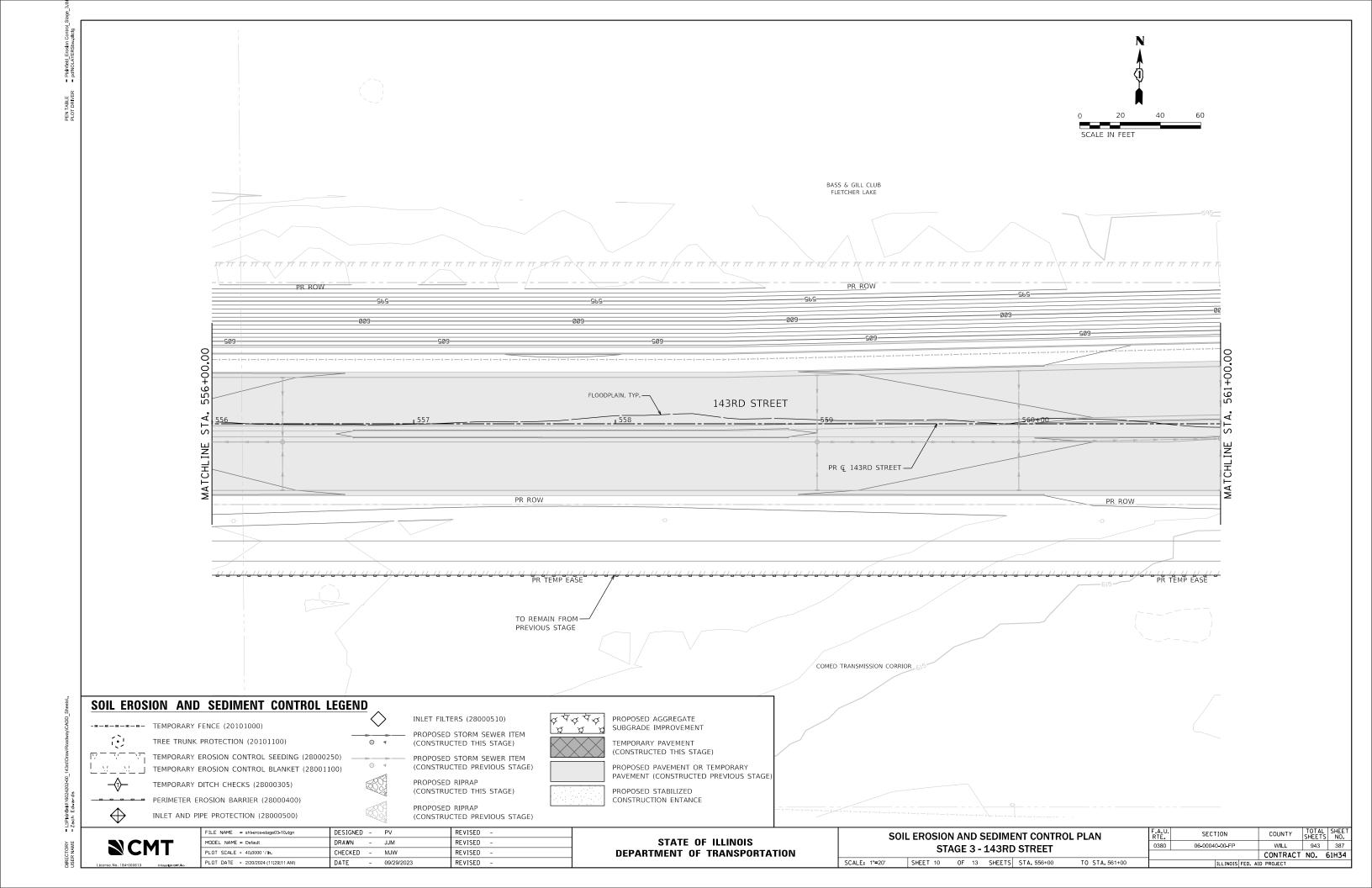


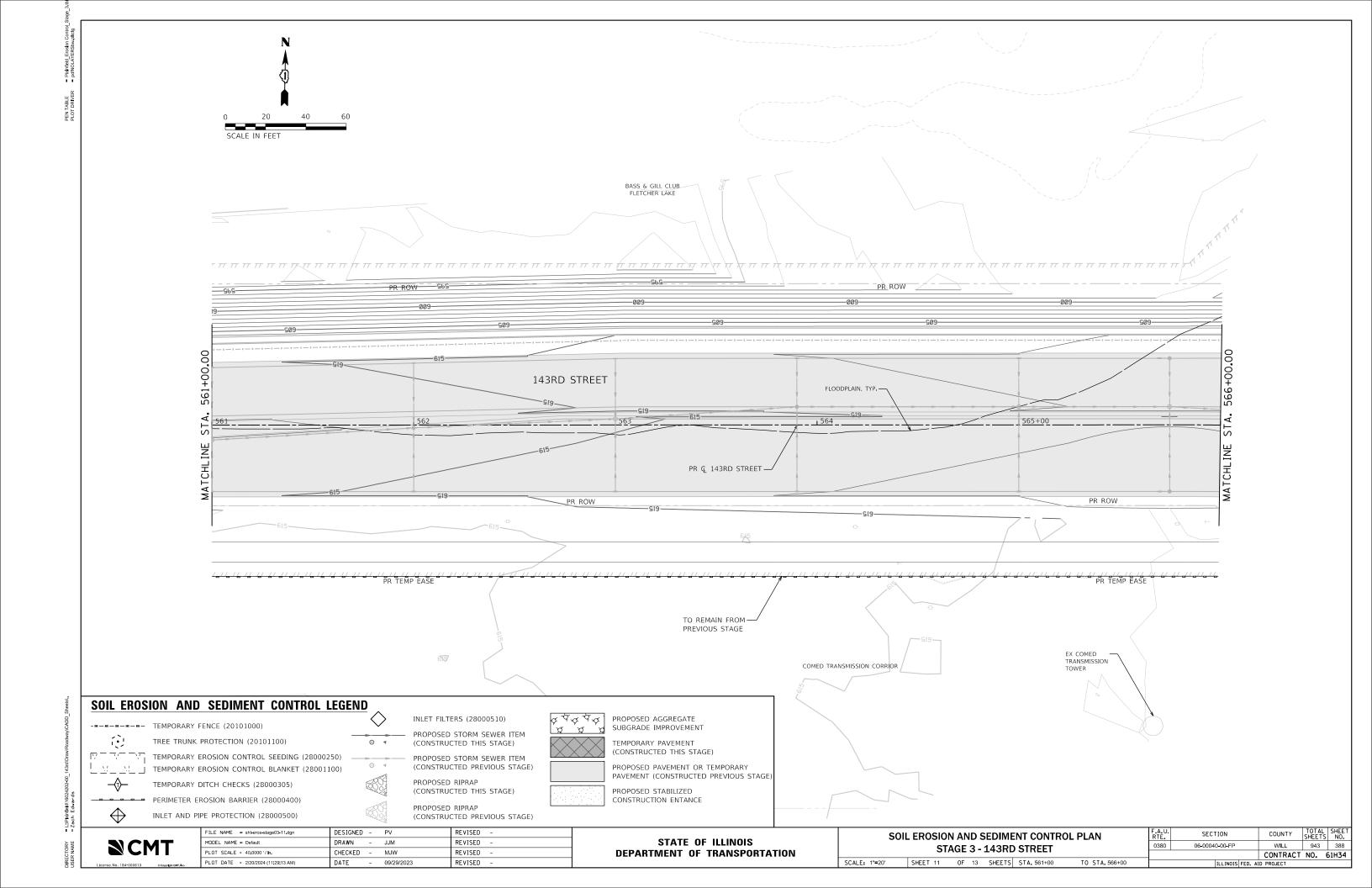


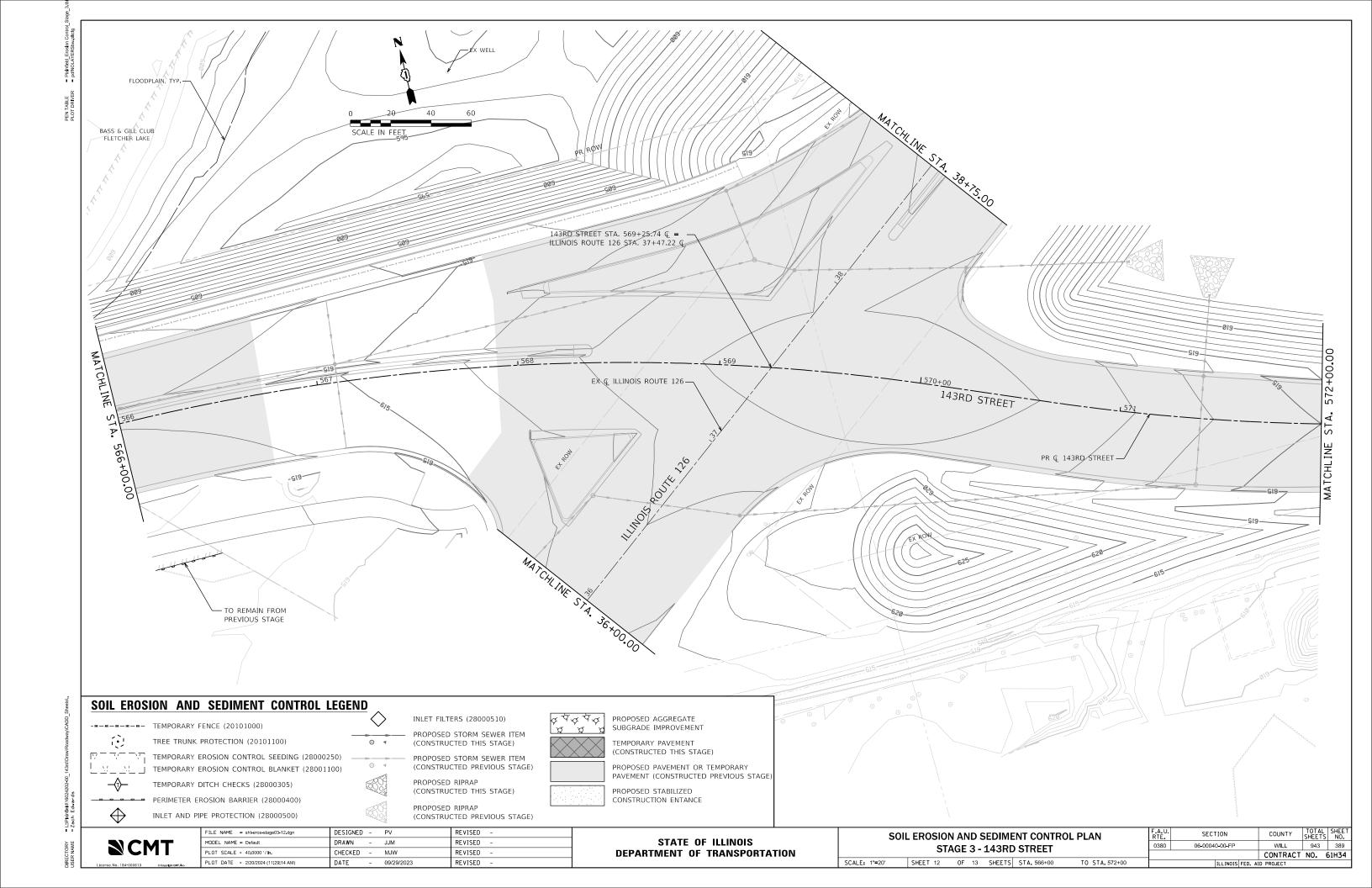


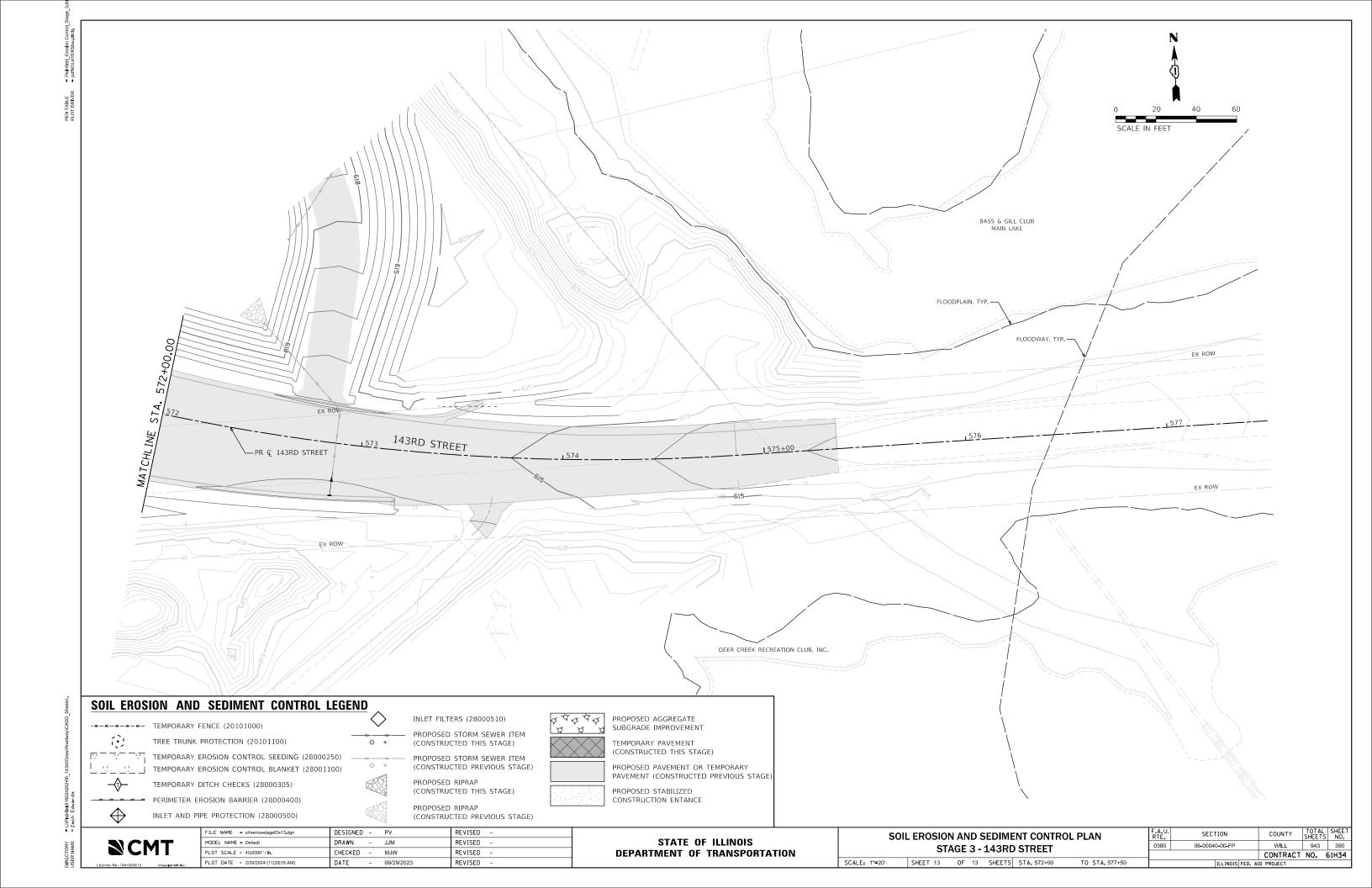


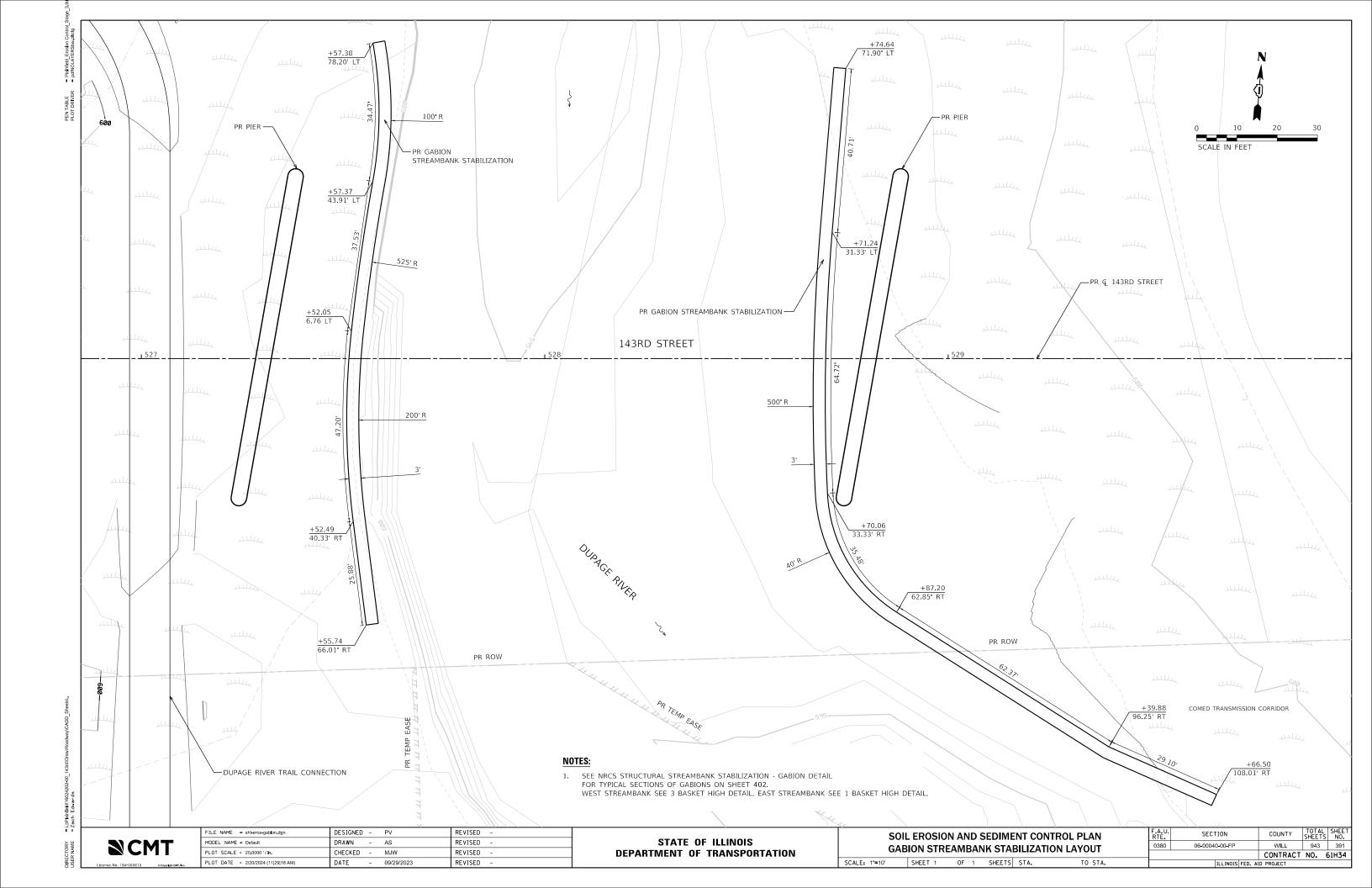




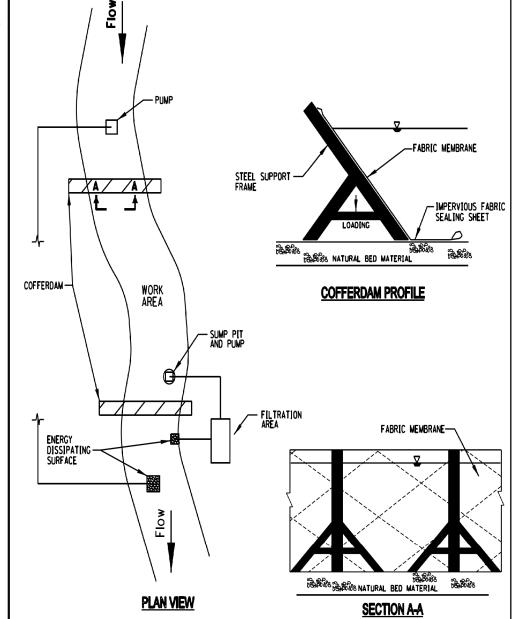








A-FRAME COFFERDAM



NOTES:
1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING

2. LOCATIONS FOR SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.

3. A-FRAME SHOULD BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS.

REFERENCE		
Project		
Designed	Date	
Checked	Date	
Approved	Date	
- PP: 0.11		



STANDARD DWG. NO. IUM-503AF SHEET 1 DF 7

REVISED

REVISED

REVISED

REFERENCE Project Designed Date Checked . Date Approved Date DATE 07-09-2012

SECTION A-A



STANDARD DWG. NO IUM-503AP SHEET 2 DF 7 DATE 7-09-2012

STEEL SHEET PILE COFFERDAM

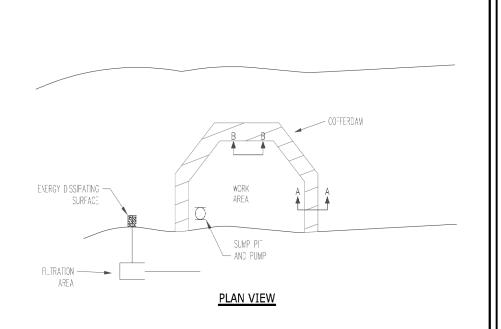
TOP OF CREEK BANK -

STEEL S-EET PILE

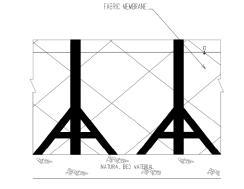
WORK AREA

E000000000

PROFILE



A-FRAME PARTIAL COFFERDAM



- 1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES.
- 2. LOCATIONS FOR SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.
- 3. A-FRAME SHOULD BE INSTALLED TO MANUFACTURER'S

REFERENCE Project	
Designed	Date
Checked	Date
Approved	Date

STANDARD DWG. NO. IUM-503SS SHEET 7 OF 7 DATE 7-09-2012

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SOIL EROSION AND SEDIMENT CONTROL PLAN **DETAILS** SCALE: NTS SHEET 1 OF 11 SHEETS STA.

≥ CMT

DESIGNED - PV MODEL NAME = Default DRAWN - JJM LOT SCALE = 40.0000 / In. CHECKED - MJW PLOT DATE = 2/20/2024 (11:29:22 AM) DATE REVISED

SECTION COUNTY 0380 06-00040-00-EP WILL 943 392 CONTRACT NO. 61H34

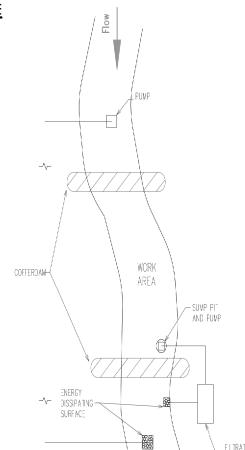
PLAN VIEW STEEL SHEET PILE -NATURAL CREEK BOTTOM :

COFFERDAM -

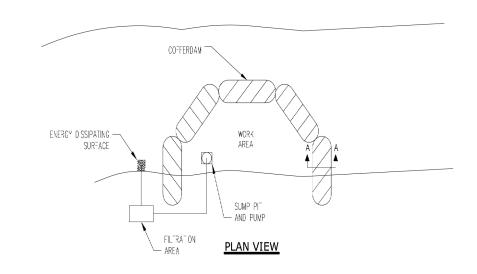
ENERGY D SSIPATING SURFACE

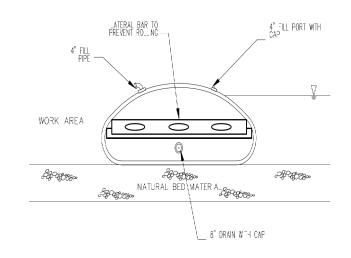
- 1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES
- 2. LOCATION FOR SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.

COFFERDAM PROFILE



BLADDER PARTIAL COFFERDAM





COFFERDAM PROFILE

1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES.

2. LOCATIONS FOR THE SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.

REFERENCE Project Designed .Date . Checked . Date . Approved . Date



(ANCHOR EVERY 2' ON TOP OF BARRIER)

Plywood or Aluminum

.48" X 24" Min.

4"x4"x6' Wood Post or

1. Maintaining temporary concrete washout facilities shall include

2. Facility shall be cleaned or reconstructed in a new area once

returning the facilities to a functional condition.

washout becomes two-thirds full.

removing and disposing of nardend concrete and/or slurry and

6' Steel Post Min.

Sancbag -

Sandbag Anchor

BARRIER WALL ANCHOR SECTION

30-Mil Polyethylene -

TEMPORARY CONCRETE rawn 3. JOHNSON WASHOUT FACILTY - BARRIER WAL. SECTION COUNTY

06-00040-00-FP

WILL

943 393

CONTRACT NO. 61H34

Date .

Date .

Date

DATE 7-09-2012 DESIGNED - PV REVISED DRAWN - JJM MODEL NAME = Default REVISED PLOT SCALE = 40.0000 '/ In. CHECKED - MJW REVISED PLOT DATE = 2/20/2024 (11:29:34 AM) REVISED DATE - 09/29/2023

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

Designed Checked Approved

SOIL EROSION AND SEDIMENT CONTROL PLAN **DETAILS** SCALE: NTS SHEET 2 OF 11 SHEETS STA.

,01

30-MIL POLYETHYLENE -

Letters 6" Min. Height —

CONCRETÉ WASHOJT ARFA

SIGN DETAIL

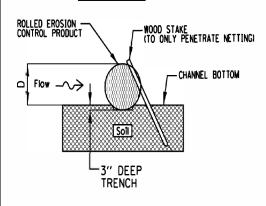
NOTES:

PLAN VEW

PLAN VIEW 1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES. FLTRATION 2. LOCATIONS FOR THE SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS. REFERENCE STANDARD DWG. NO. Project IUM-503BF

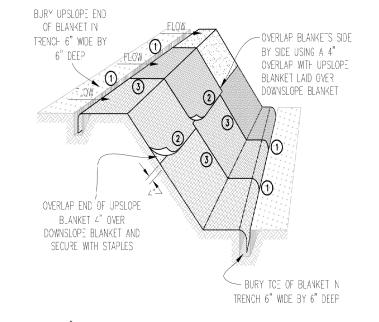
- 1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
 2. 4' SPACING FOR WATTLES.
- 3. 2' SPACING FOR ROLLED EXCELSIOR.
- 4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

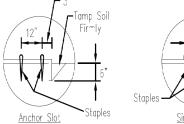
STAKE DETAIL

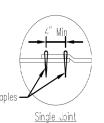


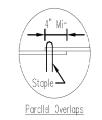
- 1. DRAWINGS ARE NOT TO SCALE.
 2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
- 3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
 4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
- 5. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

REFERENCE STANDARD DWG. NO. Project IUM-514 Designed . Date SHEET 1 OF 1 Checked . Date Approved Date DATE 08-2-2019





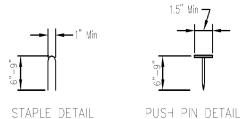






DETAIL 2

DETAIL 3

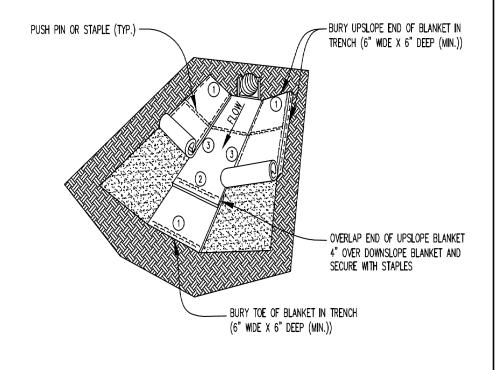


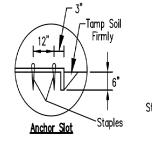
NOTES:

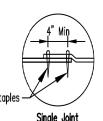
- 1. Stap es snal be placed in a diamond pattern at 2 per s.y. for stiched plankets. Non-stiched shall use 4 staples per s.y. of materia. This equates to 200 staples with stiched blanket and 400 stapels with non-stiched blanket per 100 s.y. of materia.
- 2. Staple or push pir lengths shall be selected basec on soil type and conditions. (minimum stape length is 6")
- 3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
- 4. All anchor slots shall be stapled at approximately 12" intervals.

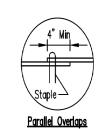
EROSION CONTROL B_ANKET INSTALLATION DETAILS

EROSION CONTROL BLANKET - TURF REINFORCEMENT MAT (TRM)





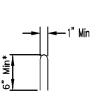


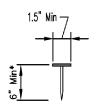


DETAIL 1

DETAIL 2

DETAIL 3





STAPLE DETAIL

PUSH PIN DETAIL

1. For sandy soil conditions, staple or push pin shall be a minimum 8 inches.

		REFERENCE	
De	ite	Project	
Designed	0.0	Designed	Date
	05_	Checked	Date
Checked	_	Approved	Date
Approved		Tippi 0704	

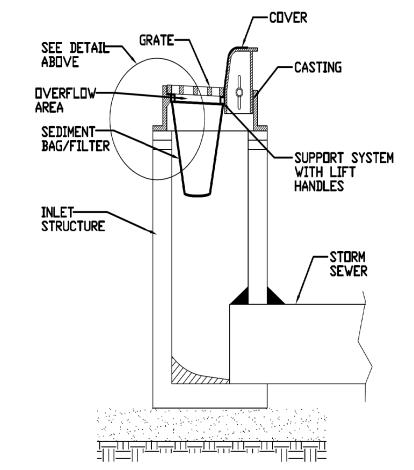
J10104							
SOI	L EROSIO	N AN		SEDIME ETAILS		ITROL PLA	N
SCALE: NTS	SHEET 3	OF	11	SHEETS	STA.	TO :	STA.

	STANDARD DWG. ND. IUM-531	
LUNCO POR MARINA	SHEET 1 OF 1	
	DATE 02-22-11	

DESIGNED - PV REVISED FILE NAME = sht-eros-detalls-03.dgn MODEL NAME = Default DRAWN - JJM REVISED PLOT SCALE = 40.0000 '/ In. CHECKED - MJW REVISED PLOT DATE = 2/20/2024 (11:29:43 AM) DATE - 09/29/2023 REVISED

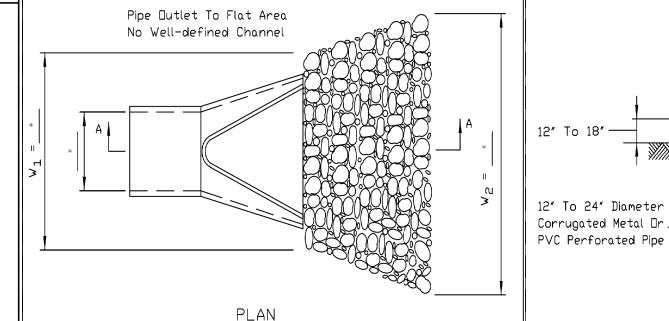
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

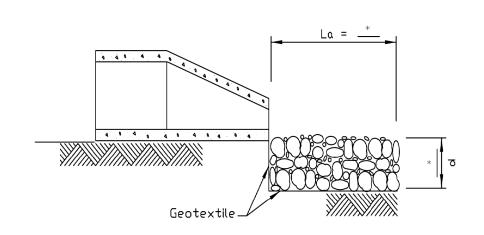
SECTION COUNTY 06-00040-00-EP WILL 943 394 CONTRACT NO. 61H34



STANDARD DWG, ND. IUM-561D Date SHEET 1 OF 1 Date . Date DATE 01-11-11

PIPE DUTLET TO FLAT AREA





SECTION A-A

* SEE RIPRAP SCHEDULE SHEET 71 FOR DIMENSIONS, GRADATION, QUALITY, AND QUANTITY

NOTES:

REFERENCE

Project

Designed

Checked

Approved.

- 1. The filter fabric shall meet the requirements in material specifications 592 GEDTEXTILE Table 1 or 2, class I, II or III.
- 2. The rock riprap shall shall meet the IDOT requirements for the following gradation: RR ______, Quality ___
- 3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

STANDARD DWG. NO. IL-610 SHEET 1 OF 1 DATE 9-15-93

REFERENCE Project Designed Checked Date _Date . Approved

STANDARD DWG. NO. IL-650 SHEET 1 OF 1 DATE 8-11-94

NCMT

REFERENCE

Project

Designed

Approved

Checked

DESIGNED - PV REVISED MODEL NAME = Default REVISED LOT SCALE = 40.0000 '/ In. CHECKED - MJW REVISED PLOT DATE = 2/20/2024 (11:29:53 AM) DATE - 09/29/2023 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SOIL EROSION AND SEDIMENT CONTROL PLAN **DETAILS** SCALE: NTS SHEET 4 OF 11 SHEETS STA.

COUNTY 06-00040-00-EP WILL 943 395 CONTRACT NO. 61H34

NOTES:

- 1. Pit dimensions are optional.
- 2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.

SECTION

SUMP PIT PLAN

Clean Water discharge

Side Slope

□ptional

2" Aggregate

- 3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
- 4. The standpipe will extend 12" to 18" above the lip of the pit.
- 5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
- 6. If desired, 1/4''-1/2'' hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

Date

Date .

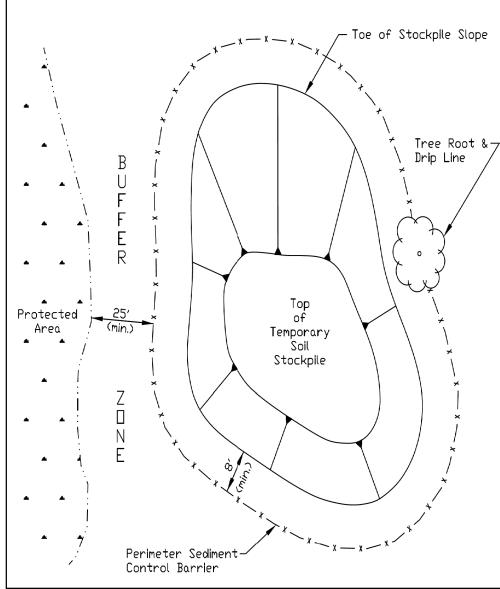
TEMPORARY SOIL STOCKPILE DETAIL

FLOATING SILT CURTAIN - TYPICAL LAYOUT

CROWN BODY

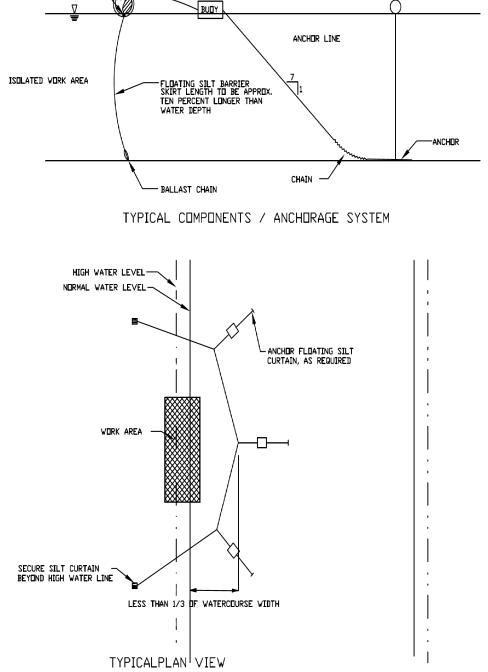
MODRING CABLE - ATTACHED TO LOADLINE BETWEEN PANELS

FLOATING SILT CURTAIN - PANEL CONNECTORS

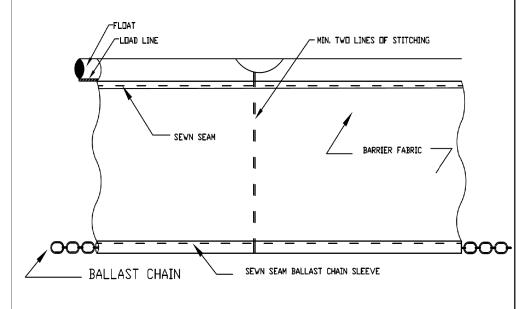




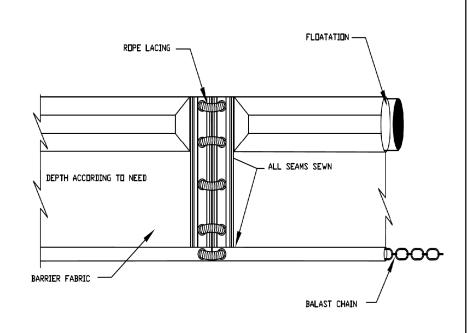
- 1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
- 2. Soil stockpile to be stabilized in accordance with practical standards. 3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
- 4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
- 5. Installation of benches, terraces, or slope interrupters should be considered.
- 6. Avoid building soil stockpiles on impervious surfaces.
- 7. Liniear sediment trap surrounding the stockpile base may be used to control sediment.



Maximum flow for waterbody shall be less than 5fps. Isolated work area shall not exceed more than 1/3 stream width. Silt curtain shall be placed parallel to stream flow.



SEWN SEAM



GROMMETED HOLES WITH ROPE LACING

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	reference Project _		
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standard dwg. nd. TUM-617A	REFERENCE Project	
IUM_01\A	Designed	Date _
SHEET 1 OF 1	Checked	Date _
DATE 1-06-2012	Approved	Date _

STANDARD DWG. NO. IUM-617B SHEET 1 OF 1 DATE 1-6-2012

MODEL NAME = Default

PLOT SCALE = 40.0000 '/ In. PLOT DATE = 2/20/2024 (11:30:02 AM)

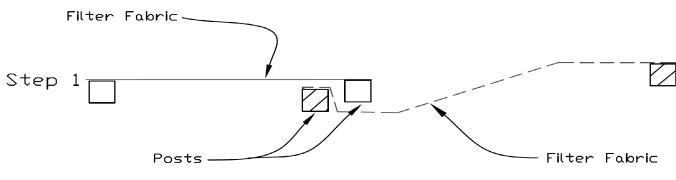
DRAWN - JJM REVISED CHECKED -MJW REVISED DATE - 09/29/2023 REVISED

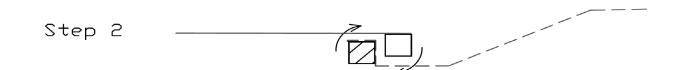
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

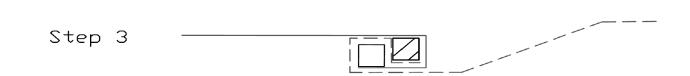
SOIL EROSION AND SEDIMENT CONTROL PLAN **DETAILS** SCALE: NTS SHEET 5 OF 11 SHEETS STA.

SECTION COUNTY 06-00040-00-EP 0380 WILL 943 396 CONTRACT NO. 61H34

SILT FENCE - SPLICING TWO FENCES



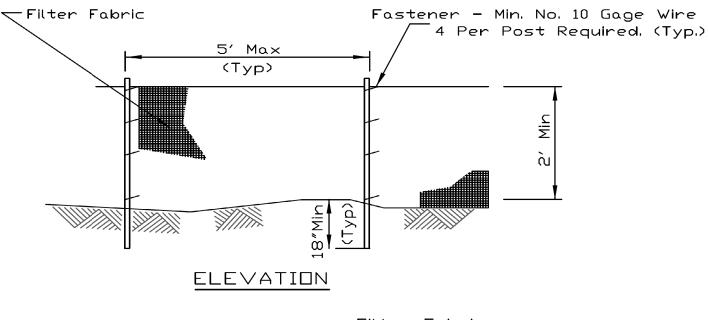


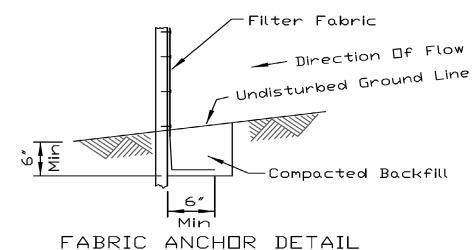


ATTACHING TWO SILT FENCES

- 1. Place the end post of the second fence inside the end post of the first fence.
- 2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
- 3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
- 4. Drive both posts a minimum of 18 inches into the ground and bury the
- 5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

SILT FENCE PLAN





NOTES:

- 1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
- 2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 40 for woven.
- 3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE		
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IUM-620B(W)
SHEET 1 OF 1
DATE 3-16-2012

STANDARD DWG. NO.

REFERENCE
Project
Designed Date
Checked Date
Approved Date



STANDARD DWG. NO.

IUM-620A

SHEET 1 OF 2

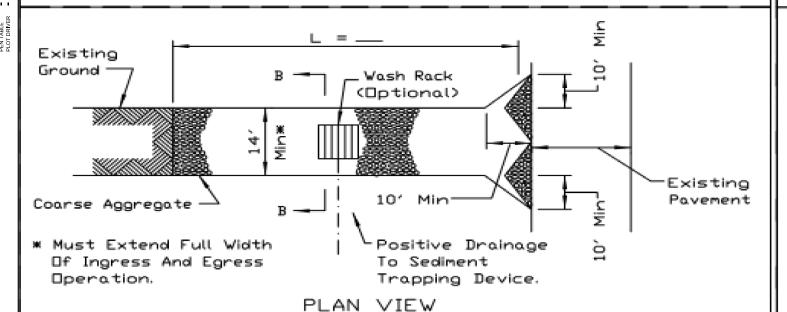
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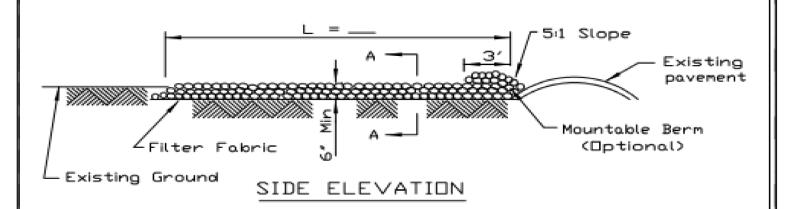
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL EROSION AND SEDIMENT CONTROL PLAN
DETAILS

SCALE: NTS | SHEET 6 | OF 11 | SHEETS | STA, TO STA.





NOTES:

- 1.Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
- 2.Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
- 3.Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
- 4.If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE		
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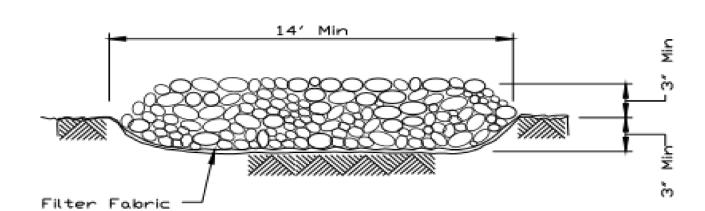


STANDARD DWG. ND.

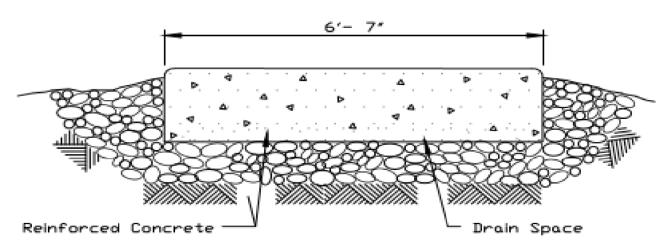
IL-630

SHEET 1 DF 2

DATE 8-18-94



SECTION A-A



SECTION B-B

Date ____

<u> NRCS</u>

STANDARD DVG. NO.

IL-630

SHEET 2 OF 2

DATE 8-18-94

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REFERENCE Project

Designed

Approved

Checked

SOIL EROSION AND SEDIMENT CONTROL PLAN
DETAILS

SCALE: NTS | SHEET 7 | OF | 11 | SHEETS | STA, | TO STA,

N.U. SECTION COUNTY TOTAL SHEETS NO.

180 06-00040-00-FP WILL 943 398

CONTRACT NO. 61H34

(3)

(1)

1" Deep "x" □r

Bottom □f

Root Ball

REFFERENCE

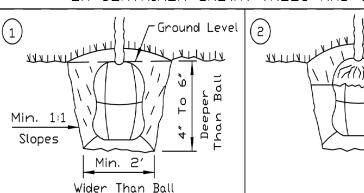
Project

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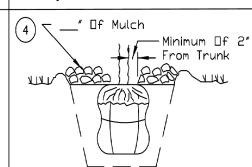
Checked

Approved

PLANTING PROCEDURE FOR BALLED AND BURLAPPED OR CONTAINER GROWN TREES AND SHRUBS



Add enough tamped soil in the bottom of the hole to set the ball at or slightly higher than the original planting depth.



Unless soil is poorly drained,

mound soil around edges of hole 4"

to 6" high. Add a minimum of 4" of

approved mulching material. Keep

Fill the hole 3/4 full of tamped

soil then remove all exposed

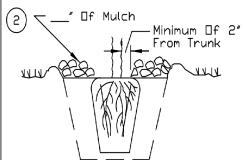
utility knife.

burlap and twine using a sharp

I VANA

LLLLL

Fill the remaining 1/4 of the hole with water to remove air pockets and settle the soil. Finish filling the hole with soil after all the water has drained.



grown trees with a sharp utility sides and an "x" on the bottom. All completely removed. slices should be 1-inch in depth.

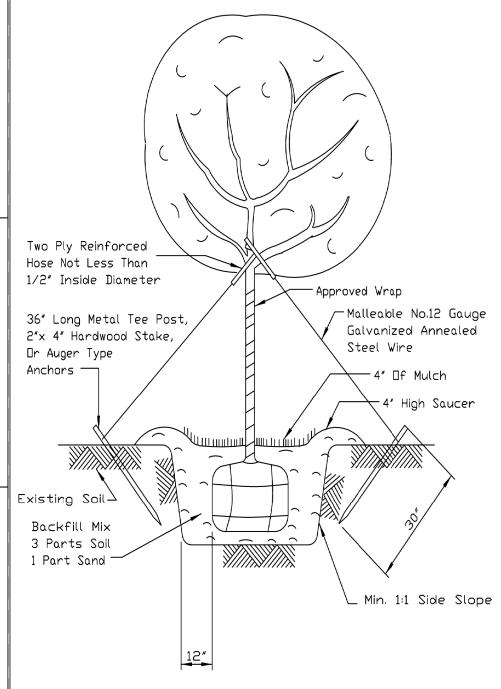
Vertical Slice

Cut the circling roots of container | Plant container-grown trees using

mulch about 2" from tree trunk.

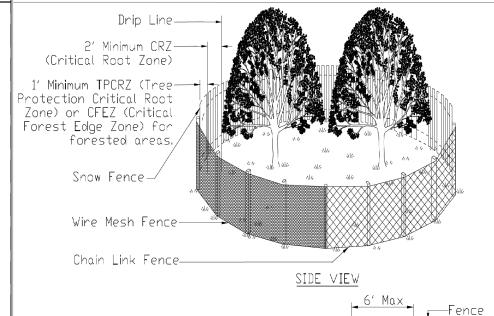
same steps as for B & B trees except knife, Make 4 vertical slices on the that the plastic container should be

THREE GUY METHOD-TREES OVER 8'



No Scale

TREE PROTECTION - FENCING (Moderately Urbanized to Open Space Areas)



NDTES:

1. Call J.U.L.I.E. (800-892-0123) for the location of existing utilities 48 hours prior to commencement of work,

2. The CRZ is located 2' from the POST AND FENCE DETAIL farthest outreaching branch (drip edge) or the distance as determined by the ISA trunk diameter method or whichever is greater.

3. The fence shall be located 1' from the Critical Root Zone (CRZ) of the protected tree, thus creating the Tree Protection Critical Root Zone (TPCRZ) and the Critical Forest Edge Zone (CFEZ) for forested

<u>Ground</u>

4. Fence Posts shall be either 6' steel posts @ 1.33Lbs./Ft. or 2" x 2" nominal wood posts.

- 5. For projects without highly significant or historical trees and that will last for less than 6 months duration, a non-treated wood lath snow fence or wire mesh fencing shall be used with appropriate posts that are securely anchored into the ground. For projects over 6 months in duration or trees considered significant or historical, a shain link force with Constantial Specification Chain Link, Force and IMM. chain link fence with Construction Specification Chain Link Fence IUM 91 or better (as approved by the local Forester per local ordinances singularly or in tandem with the project Engineer) shall be used. Fencing shall be a minimum height of 4'. For chain link fencing, metal posts shall be placed 6' on center (OC) and the fencing securely anchored to the
- 6. Dutside the TPCRZ or CFEZ, erosion and sediment control measures shall be installed to prevent sediment reaching the TPCRZ or the CFEZ. These measures shall extend out from the fence 10' and shall be continuous around the perimeter of the fence. These measures include, but are not limited to vegetative filter strip, rolled excelsion blankets and mulch with a 3" to 5" depth. Other measures may be used if approved by the Professional Forester, Certified Arborist or Horticulturalist. Installation shall cause no disturbance to soils.

Date Date . Date

REFERENCE Project Designed SHEET 1 OF 1 Checked Approved DATE 8-22-94

Date Date Date

STANDARD DWG. NO. IL-688 SHEET 1 OF 1

REFERENCE Project Des gned Checked Approved .Date . STANDARD DWG, NO TUM-690-A SHEET 1 CF 1 DATE 09-14-2017

REVISED 10DEL NAME = Default REVISED LOT SCALE = 40.0000'/ln. CHECKED - MJW REVISED PLOT DATE = 2/20/2024 (11:30:29 AM) DATE - 09/29/2023 REVISED

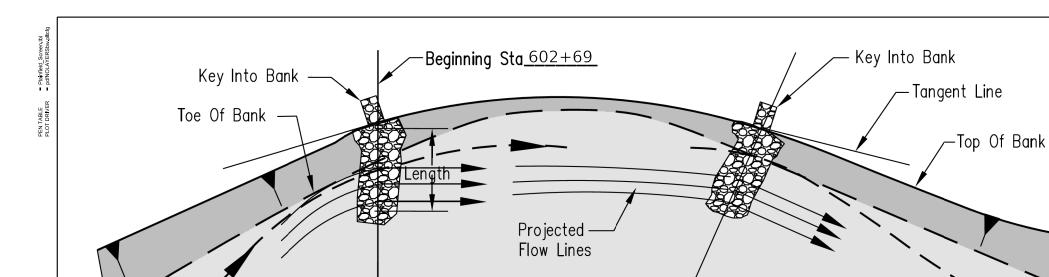
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SOIL EROSION AND SEDIMENT CONTROL PLAN **DETAILS** SCALE: NTS SHEET 8 OF 11 SHEETS STA.

COUNTY SECTION 06-00040-00-EP WILL 943 399 CONTRACT NO. 61H34

STANDARD DWG. NO. IL-685

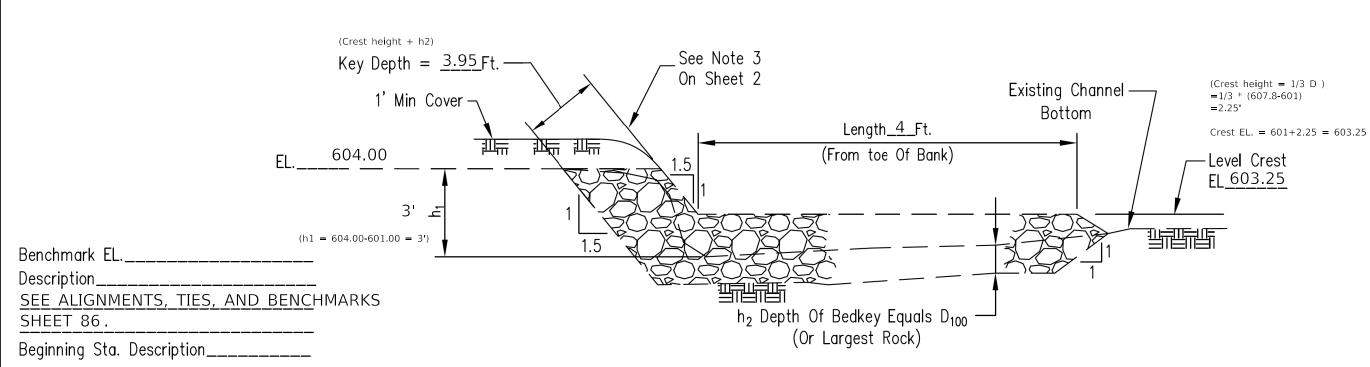
DATE 9-17-93



-Top Of Bank

PLAN

© Of Bendway Weir



SCMT

REVISED 10DEL NAME = Default REVISED REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TYPICAL PROFILE, CENTERLINE OF BENDWAY WEIR

Toe Of Bank

SOIL EROSION AND SEDIMENT CONTROL PLAN **DETAILS** SCALE: NTS SHEET 9 OF 11 SHEETS STA.

SECTION 06-00040-00-FF

CONTRACT NO. 61H34

STREAM BANK STABILIZATION BENDWAY WEIR

IL-ENG-151 Drawing Set