SECTION 4, TOWNSHIP 40, RANGE 11 SECTION 5, TOWNSHIP 40, RANGE 11

01-17-2020 LETTING ITEM 111

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CONTRACT #61G14

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ELGIN O'HARE TOLLWAY
PARK BOULEVARD TO PROSPECT AVENUE
SIDEWALKS

**SECTION NO.: 14-00063-00-SW** 

PROJECT NO.: UKUA(050)

VILLAGE of ITASCA

**DUPAGE COUNTY** 

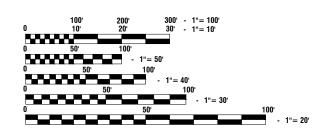
JOB NO.: C-91-398-19

ELGIN O'HARE TOLLWAY

2014 ADT - 44,000
2040 ADT - 113,000
POSTED SPEED LIMIT - 55 mph

MULTI-USE PATH DESIGN SPEED = 20MPH

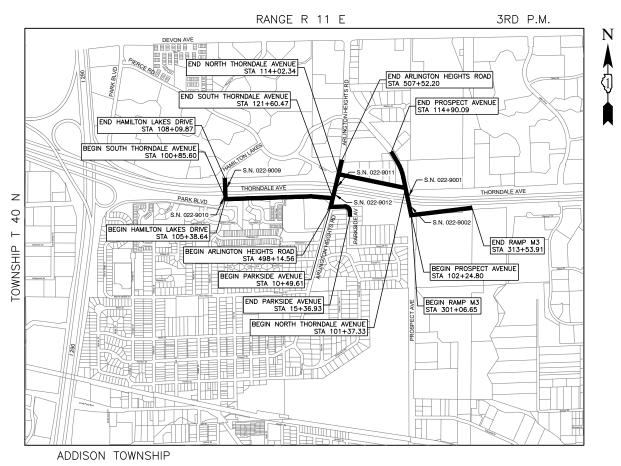
SCALES PLAN - 1"=50'
PROFILE HORIZ. - 1"=50'
PROFILE VERT. - 1"=5'
CROSS SECTIONS - 1"=10'



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

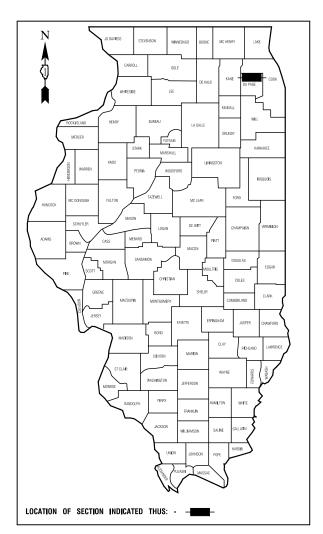
J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1 - 800 - 892 - 0123 or 811

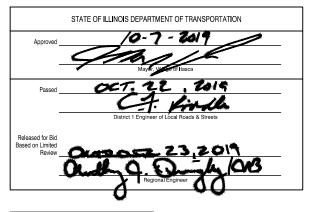
CONTRACT NO. 61G14



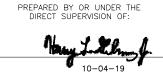
LOCATION MAP

GROSS LENGTH = 7,100 FEET = 1.34 MILES NET LENGTH = 7.100 FEET = 1.34 MILES





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#### INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES, INDEX OF SHEETS AND HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
4.-5. TYPICAL SECTIONS
6.-7. PLAN & PROFILE — SOUTH THORNDALE AVENUE
8. PLAN & PROFILE — HAMILTON LAKES DRIVE
9. PLAN & PROFILE — ARLINGTON HEIGHTS ROAD
10. PLAN & PROFILE — PARKSIDE AVENUE
11. PLAN & PROFILE — NORTH THORNDALE AVENUE
12.-13. PLAN & PROFILE — PROSPECT AVENUE
14. PLAN & PROFILE — RAMP M3
15. STORM WATER POLLUTION PREVENTION PLAN
16.-20. EROSION CONTROL PLAN
21.-22. CONSTRUCTION DETAILS
23.-23A. IDDT DISTRICT 1 STANDARD DETAILS
24.-53. CROSS SECTIONS

#### **HIGHWAY STANDARDS**

000001-07 280001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 24" DIAMETER
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
602301-04	INLET, TYPE A
604036-03	GRATE TYPE 8
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS—DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
70190108	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001 01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STREET SIGN SUPPORT

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FILE NAME = 13209-NOTE-01 - P01	USER NAME =	DESIGNED — HG	REVISED —	
		CHECKED - JR	REVISED —	
	PLOT SCALE =	DRAWN — PS	REVISED	
	PLOT DATE = 11-06-19	CHECKED AG	REVISED —	

#### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

#### ELGIN O'HARE TOLLWAY - PARK BOULEVARD TO PROSPECT AVENUE GENERAL NOTES, INDEX OF SHEETS AND HIGHWAY STANDARDS

TO STA.

SHEET NO. 2 OF 53 SHEETS STA.

#### 

#### **GENERAL NOTES**

- ALL CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF ITASCA AND IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- ALL SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF ITASCA UNLESS OTHERWISE NOTED ON THE PLANS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 AND THE VILLAGE OF ITASCA FOR UTILITY LOCATIONS.
- 4. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE SURVEYOR'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE SURVEYOR OR ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MENING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470, ROBINSON ENGINEERING (847)250-5635 AND THE VILLAGE OF ITASCA (630)773-0835 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 6. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC AS DIRECTED BY THE ENGINEER.
- 7. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED.
- 8. EASEMENT FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
- 9. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.
- 10. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS", LATEST EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND IN ACCORDANCE WITH THE VILLAGE OF ITASCA ORDINANCES.
- 11. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.
- 13. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FORM DIRT AND DEBRIS, IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN.
- 14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL ITEMS REQUIRED FOR CONSTRUCTION OF THE PROJECT, AS SHOWN ON THE PLANS ARE INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A DISCREPANCY WITH THE PLANS.
- 15. THE PAVEMENT SHALL BE KEPT FREE OF MUD AND DEBRIS AT ALL TIMES. IT MAY BE NECESSARY TO KEEP A SWEEPER ONSITE AT ALL TIMES.
- CONSTRUCTION MATERIALS AND/OR EQUIPMENT MAY NOT BE STORED IN THE RIGHT-OF-WAY WITHOUT THE APPROVAL OF THE ENGINEER.

SCALE: NONE

17. ALL DISTURBED AREAS SHALL BE FULLY RESTORED TO PRE—CONSTRUCTION CONDITIONS WITH A MINIMUM 4" TOPSOIL, SEED AND BLANKET.

	20200100	EARTH EXCAVATION	CU YD	2,380	2,380
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	50
	20800150	TRENCH BACKFILL	CU YD	25	25
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4,762	4,762
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	3,950	3,950
K	25000210	SEEDING, CLASS 2A	ACRE	1.8	1.8
€	25100630	EROSION CONTROL BLANKET	SQ YD	8,712	8,712
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200	200
	***************************************				
	28000305	TEMPORARY DITCH CHECKS	FOOT	550	550
	28000400	PERIMETER EROSION BARRIER	FOOT	2,900	2,900
	28000510	INLET FILTERS	EACH	25	25
	28100105	STONE RIPRAP, CLASS A3	SQ YD	66	66
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	50	50
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,120	2,120
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2,799	2,799
	35800100	PREPARATION OF BASE	SQ YD	2,847	2,847
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,297	6,297
	40604060	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	TON	470	470
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	30,623	30,623
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	49	49
	50102400	CONCRETE REMOVAL	CU YD	6	6
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6
	54248510	CONCRETE COLLAR	CU YD	5	5
	542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	200	200
			*	- INDIC	ATES SPECIALTY ITEMS

DESIGNED - HG

CHECKED - JR

DRAWN — PS CHECKED — AG REVISED —

REVISED --

REVISED —

REVISED -

SUMMARY OF QUANTITIES

ITEM

S.I. CODE NO.

FILE NAME = 13209-QUAN-01 - P01

USER NAME =

PLOT SCALE =

PLOT DATE = 11-06-19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION TYPE CODE ITEP

UNIT TOTAL QUANTITY

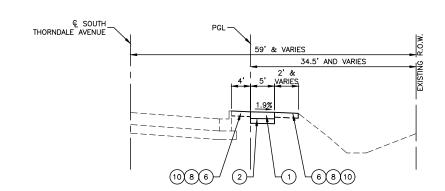
ELGIN O'HARE TOLLWAY - PARK BOULEVARD TO PROSPECT AVENUE SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 53 SHEETS STA. TO STA.

△ - 100% LOCALLY FUNDED

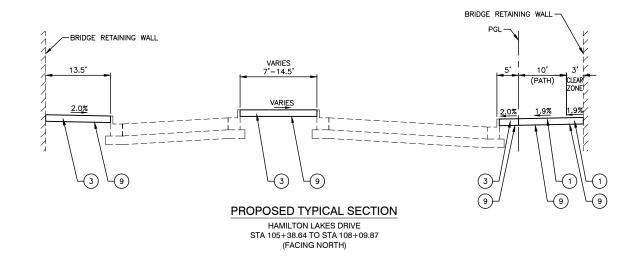
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*	_	INDICATES	SPECIALTY	IIEM2

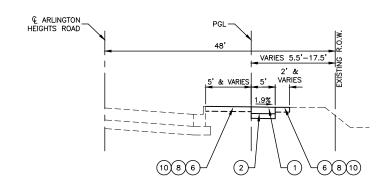
			CONSTRUCTION TYPE CODE ITEP		
s.i.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005
	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2	2
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1
	67100100	MOBILIZATION	LSUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	10	10
*	72800100	TELESCOPING STEEL SIGN SUPPORT		230	230
¥	73000100	WOOD SIGN SUPPORT	FOOT	110	110
*	89502376	REBUILD EXISTING HANDHOLE		1	1
*	K1005875	TREE TRANSPLANT	EACH	7	7
	X0323389	STORM SEWER CONNECTION	EACH	2	2
	X1200090	TRAVERSABLE PIPE GRATE, SPECIAL	EACH	6	6
*	X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	7	7
	X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	200	200
*	XX000503	SPLIT RAIL FENCE	FOOT	210	210
	XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	1	1.
	XX008257	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	31,201	31,201
*	XX008729	REMOVE AND REINSTALL SIGN PANEL	EACH	10	10
	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	38	38
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	12	12



#### PROPOSED TYPICAL SECTION

SOUTH THORNDALE AVENUE STA 100+85.60 TO STA 121+60.47 (FACING EAST)



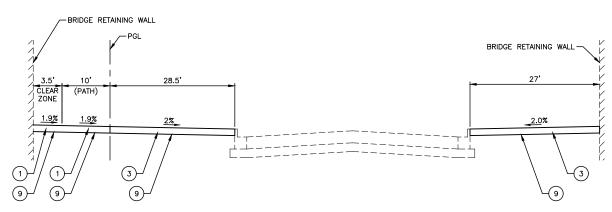


#### PROPOSED TYPICAL SECTION

ARLINGTON HEIGHTS ROAD STA 498+14.56 TO STA 499+20.00 (FACING NORTH)

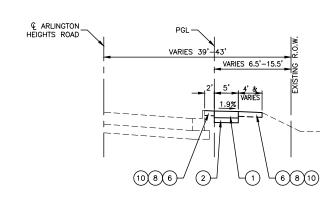
#### LEGEND

- 1) PORTLAND CEMENT CONCRETE, SIDEWALK, 5 INCH
- 2 AGGREGATE BASE COURSE, TYPB B 4"
- 3 STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50 3"
- 5 AGGREGATE BASE COURSE, TYPE B, 6"
- 6 TOPSOIL FURNISH AND PLACE, 4"
- 7) TOPSOIL FURNISH AND PLACE, 6"
- (8) SEEDING, CLASS 2A
- 9 PREPARATION OF BASE
- 10 EROSION CONTROL BLANKET



#### PROPOSED TYPICAL SECTION

ARLINGTON HEIGHTS ROAD STA 500+28.52 TO STA 503+57.45 (FACING NORTH)



#### PROPOSED TYPICAL SECTION

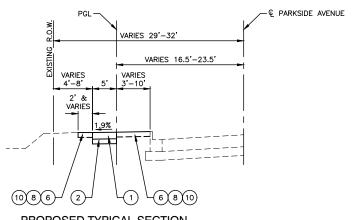
ARLINGTON HEIGHTS ROAD STA 504+89 TO STA 507+53.48 (FACING NORTH)

FILE NAME = 13209-11PX-02 - P01	USER NAME =	DESIGNED — HG	REVISED —
		CHECKED — JR	REVISED —
	PLOT SCALE =	DRAWN — PS	REVISED —
	PLOT DATE = 11-06-19	CHECKED — AG	REVISED —

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

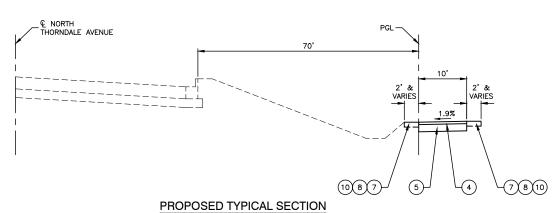
ELGIN O'HA			RK BOULE CROSS SI		TO PROSPECT AVENUE
SCALE: NONE	SHEET NO. 1	OF 2	SHEETS	STA.	TO STA.

F.A. RTE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
	14-0006	3-00-SW		DUPAGE	53	4
				CONTRACT I	NO. 610	G14
TER ROLD DIOT NO				D DDG IFOT LUCILA	(0.00)	



#### PROPOSED TYPICAL SECTION

PARKSIDE AVENUE STA 10+49.61 TO STA 15+36.93 (FACING EAST)

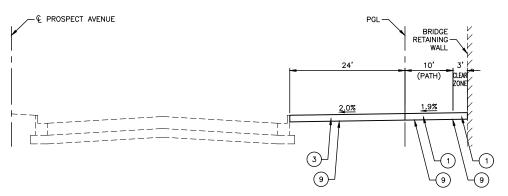


#### NORTH THORNDALE AVENUE STA 101+37.33 TO STA 114+02.34 (FACING WEST)

#### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

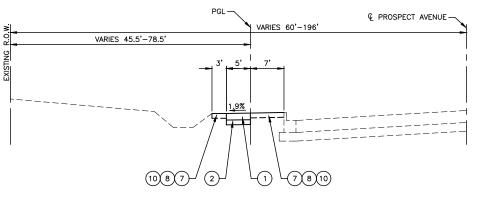
MIXTURE TYPE	AIR VOIDS
MULTI-USE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM), 3"	4% @ 50 Gyr.
HMA DRIVEWAYS PAVEMENT, 3"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM), 3"	4% <b>©</b> 50 Gyr.

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
THE "AC TYPE" FOR NON-POLYMERIZED HMA SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



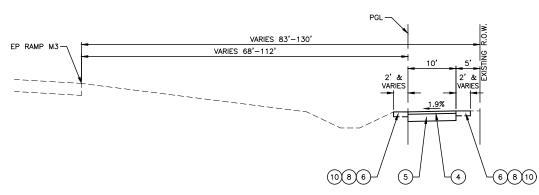
#### PROPOSED TYPICAL SECTION

PROSPECT AVENUE STA 102+24.80 TO STA 105+80.46 (FACING NORTH)



#### PROPOSED TYPICAL SECTION

PROSPECT AVENUE STA 107+47.80 TO STA 114+90.09 (FACING NORTH)



#### PROPOSED TYPICAL SECTION

RAMP M3 STA 301+06.65 TO STA 312+53.91 (FACING EAST)

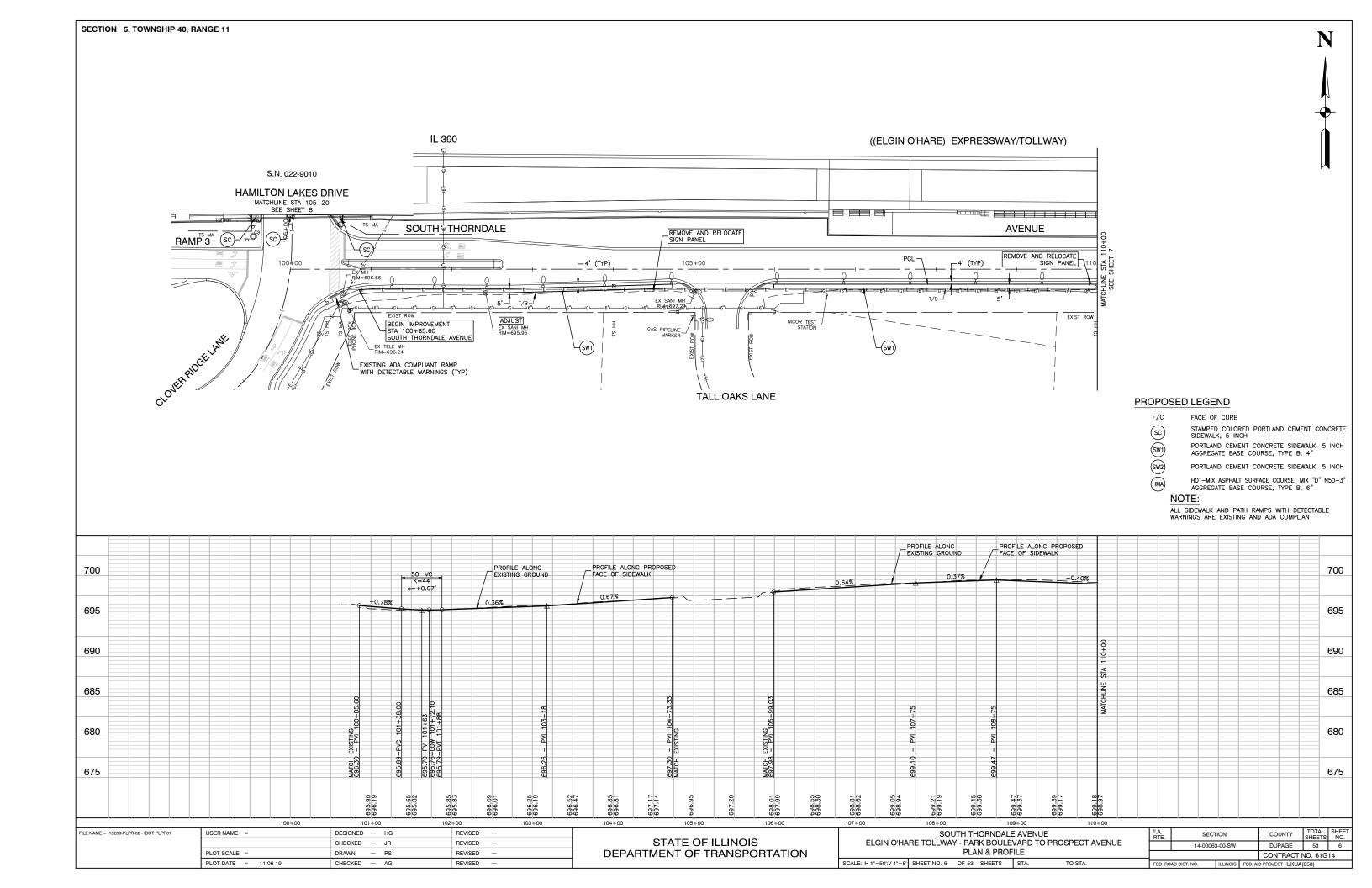
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	PLOT SCALE =	DRAWN — PS	REVISED —
	PLOT DATE = 11-06-19	CHECKED — AG	REVISED —

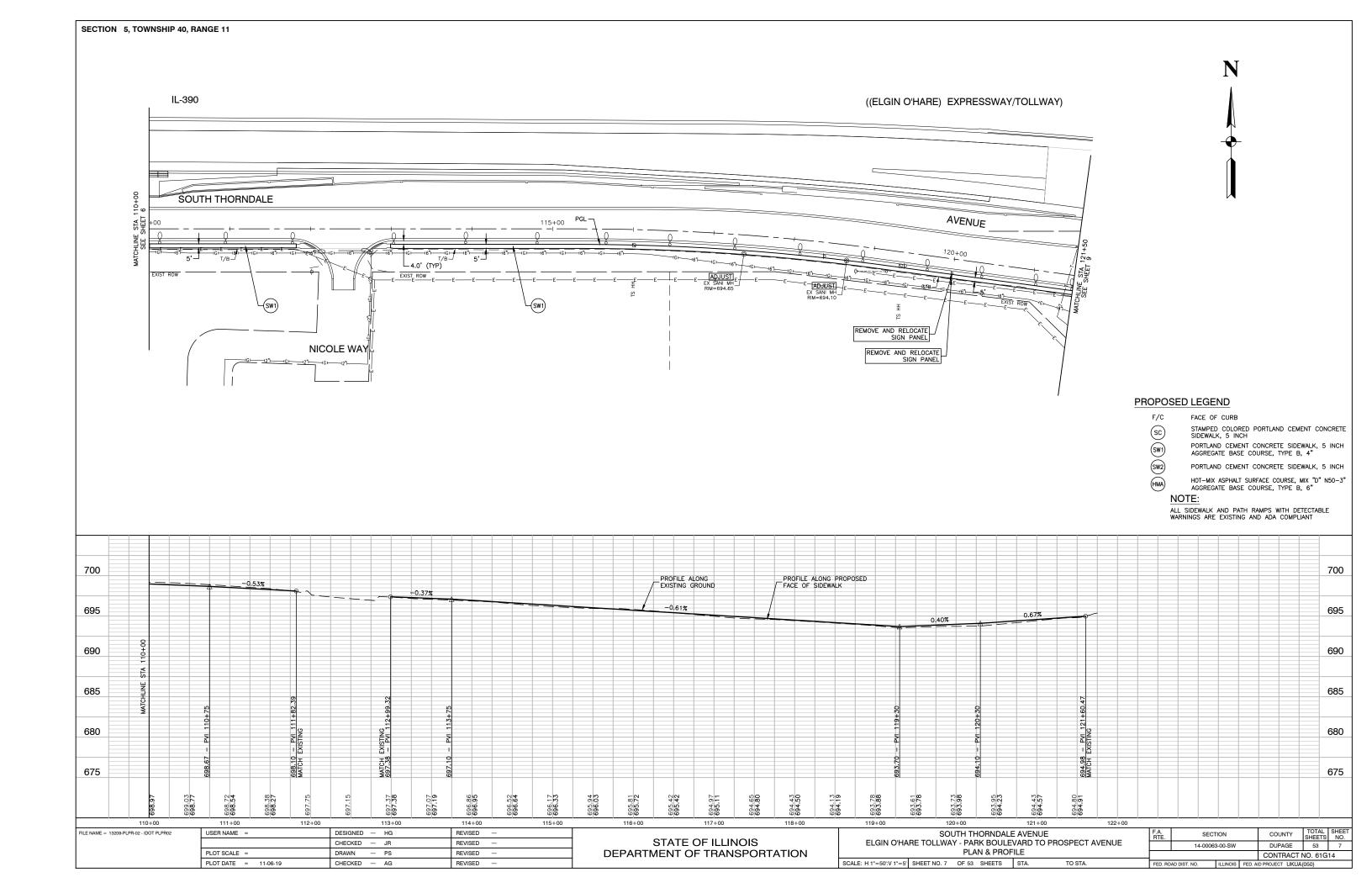
ELGIN O'HA			RK BOULE CROSS SI		O PROSPECT AVENUE S
SCALE: NONE	SHEET NO. 2	OF 2	SHEETS	STA.	TO STA.

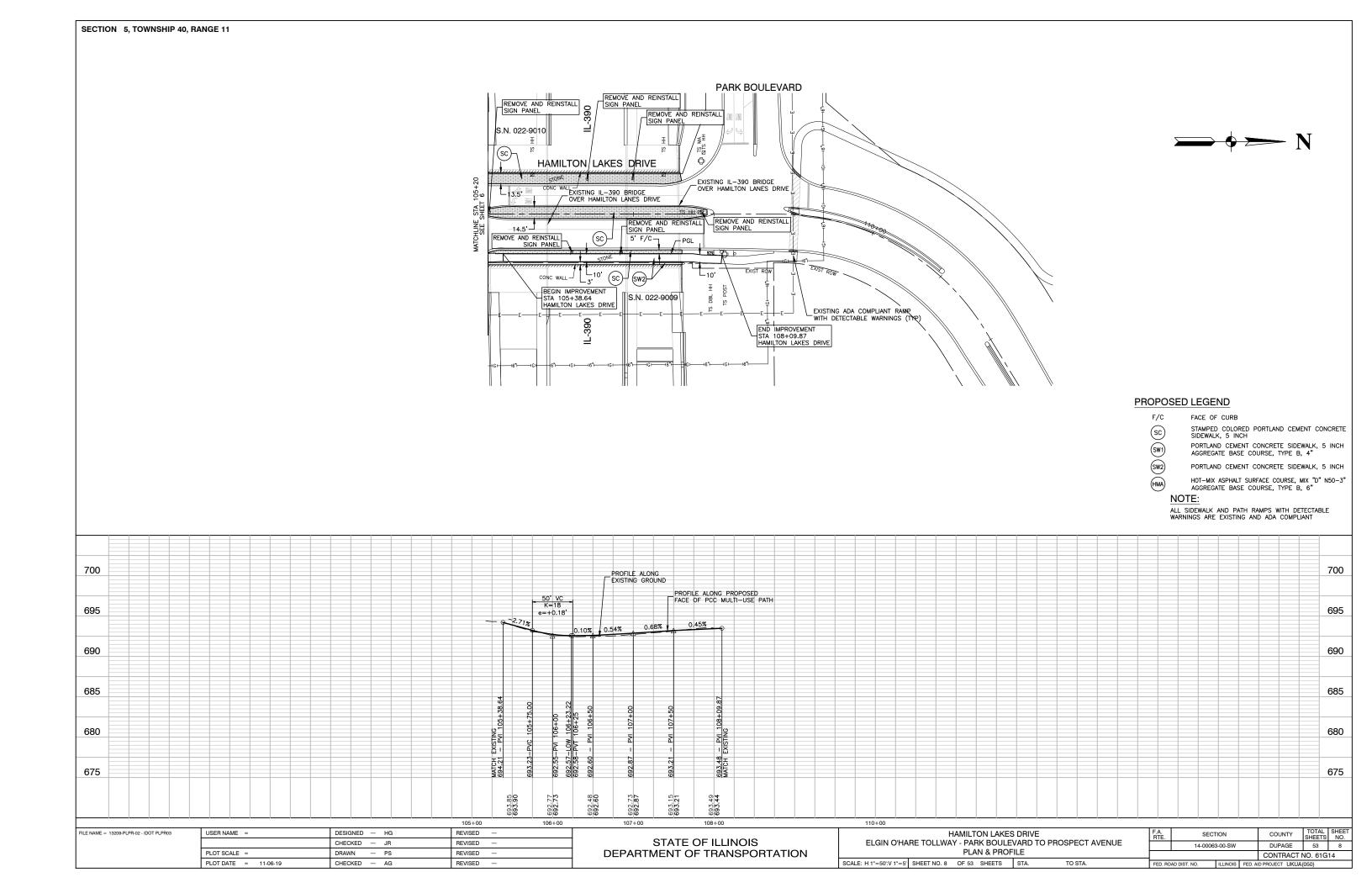
A. RTE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.			
	14-00063	3-00-SW		DUPAGE	53	5			
			CONTRACT NO. 61G14						
ED. RO	AD DIST. NO.	ILLINOIS	D PROJECT UKUA(050)						

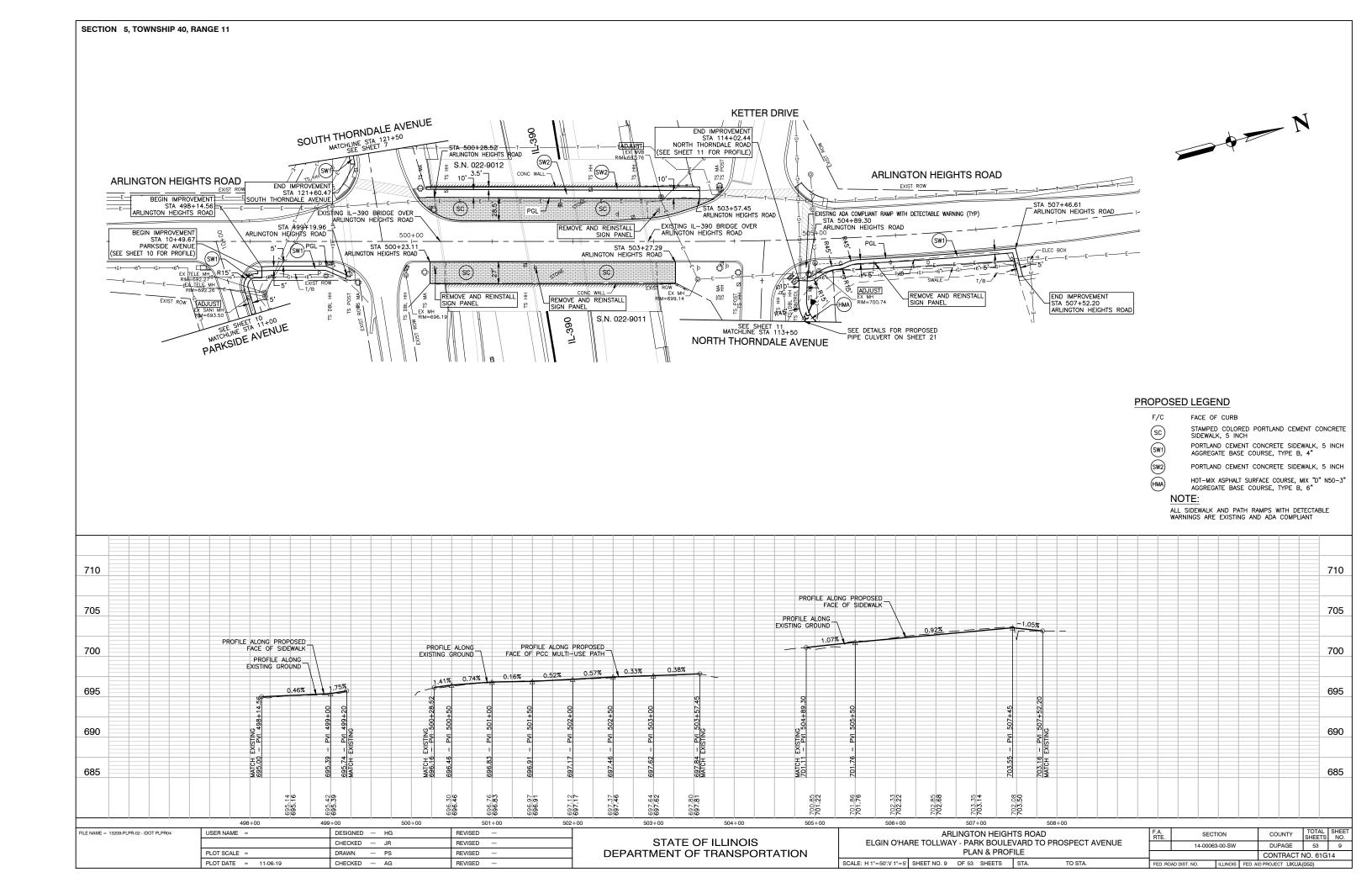
#### LEGEND

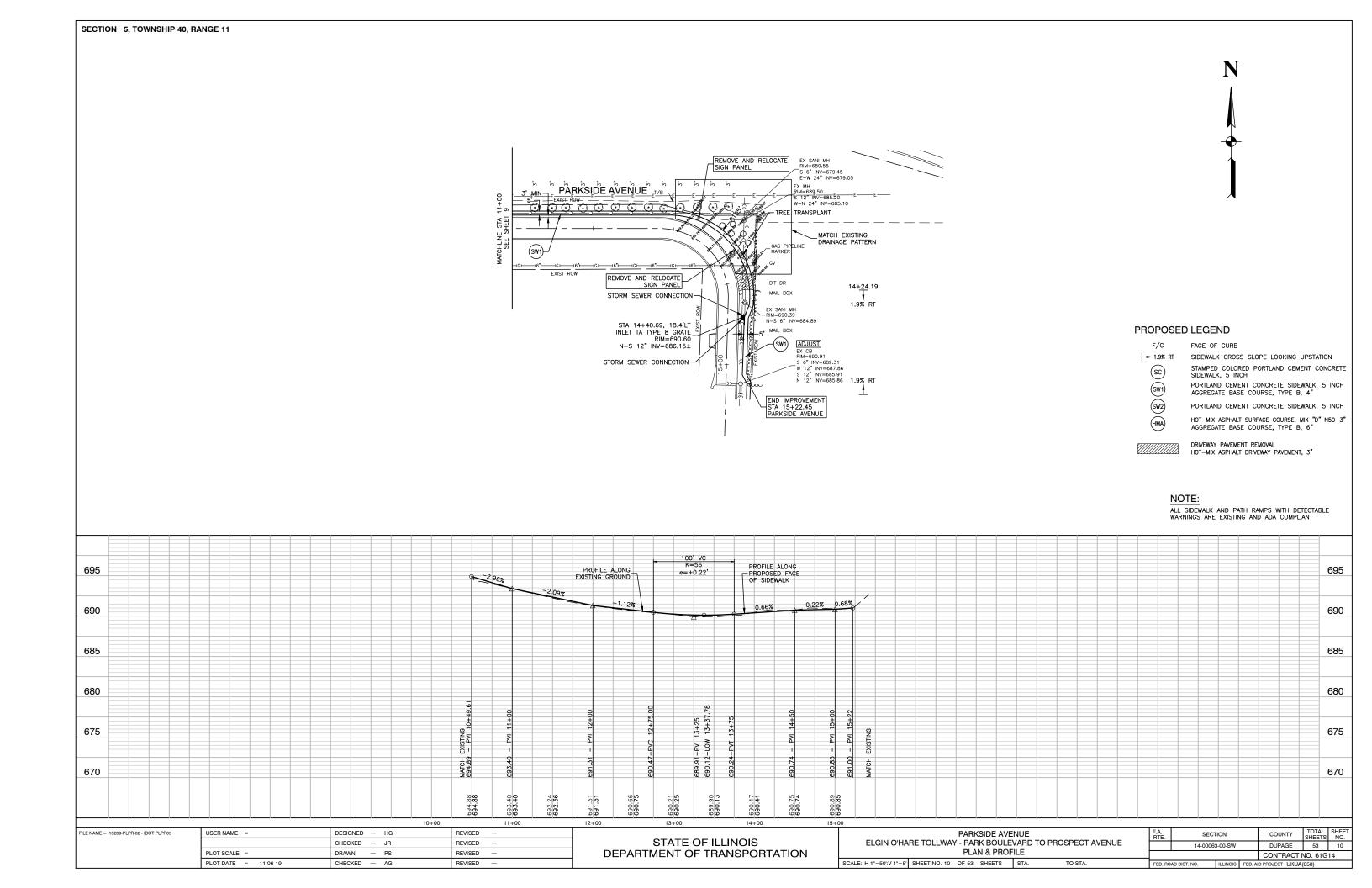
- 1) PORTLAND CEMENT CONCRETE, SIDEWALK, 5 INCH
- 2) AGGREGATE BASE COURSE, TYPB B 4"
- 3 STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50 - 3"
- 5) AGGREGATE BASE COURSE, TYPE B, 6"
- 6 TOPSOIL FURNISH AND PLACE, 4"
- 7) TOPSOIL FURNISH AND PLACE, 6"
- (8) SEEDING, CLASS 2A
- 9 PREPARATION OF BASE
- (10) EROSION CONTROL BLANKET

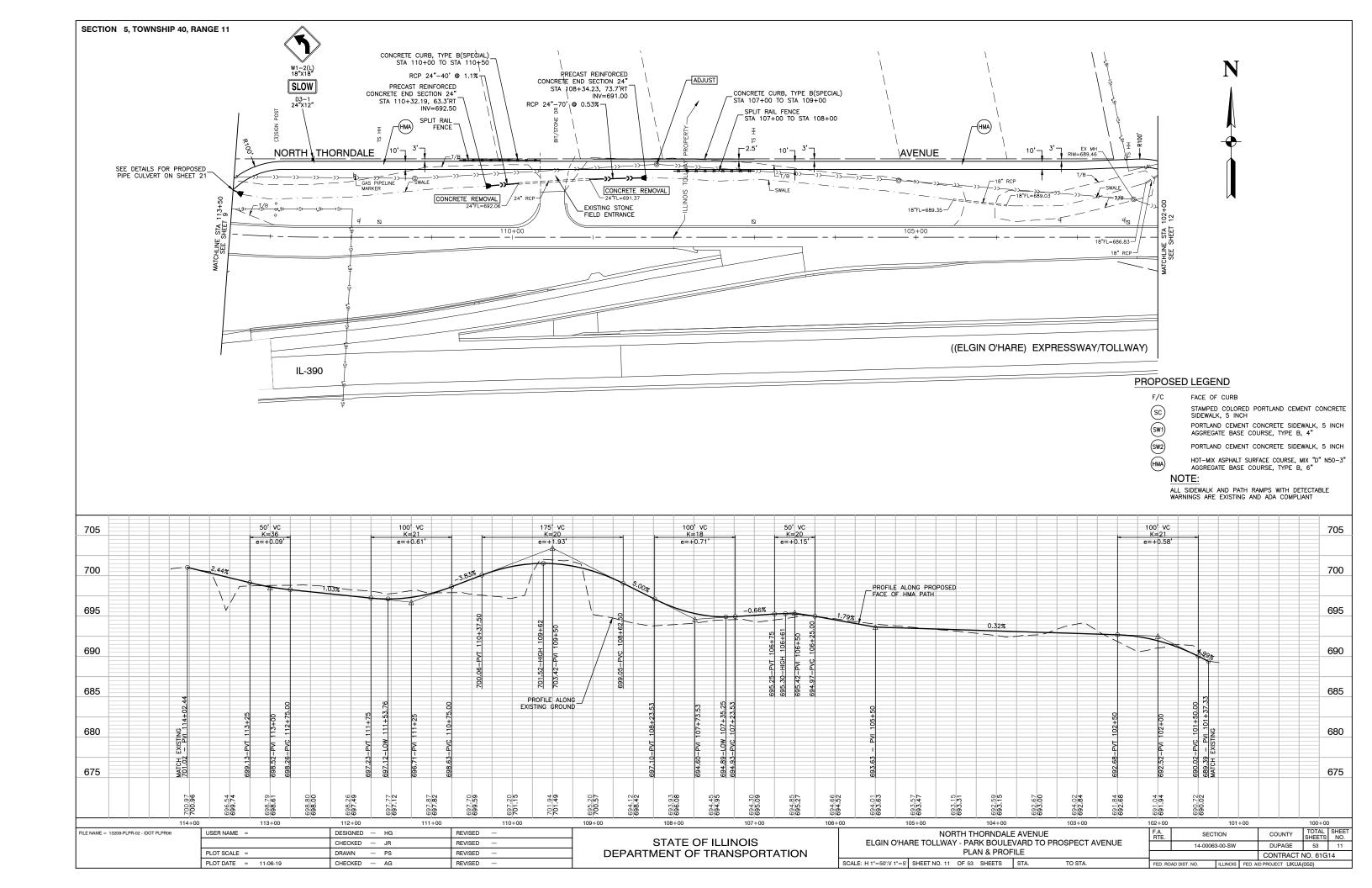


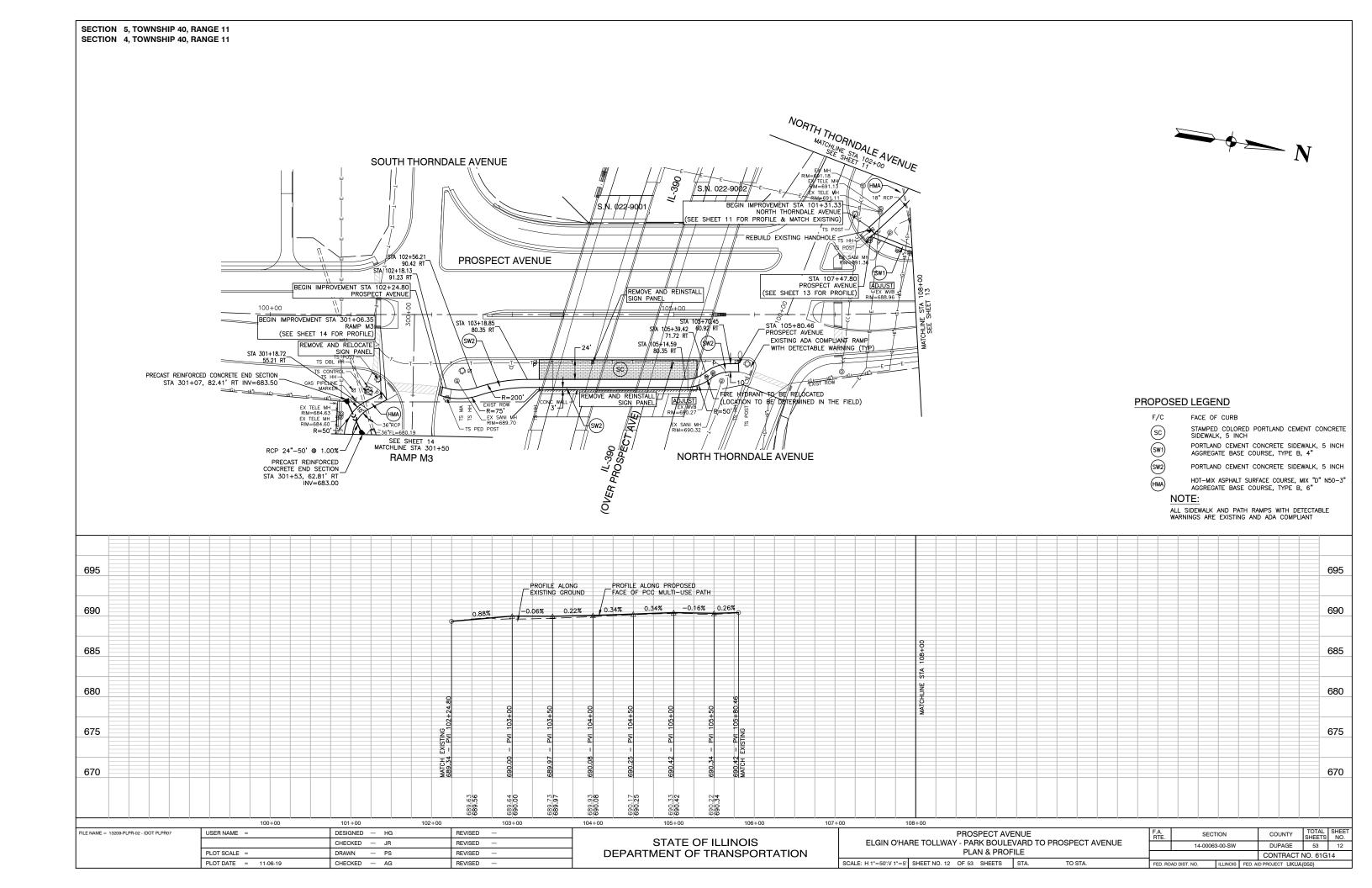


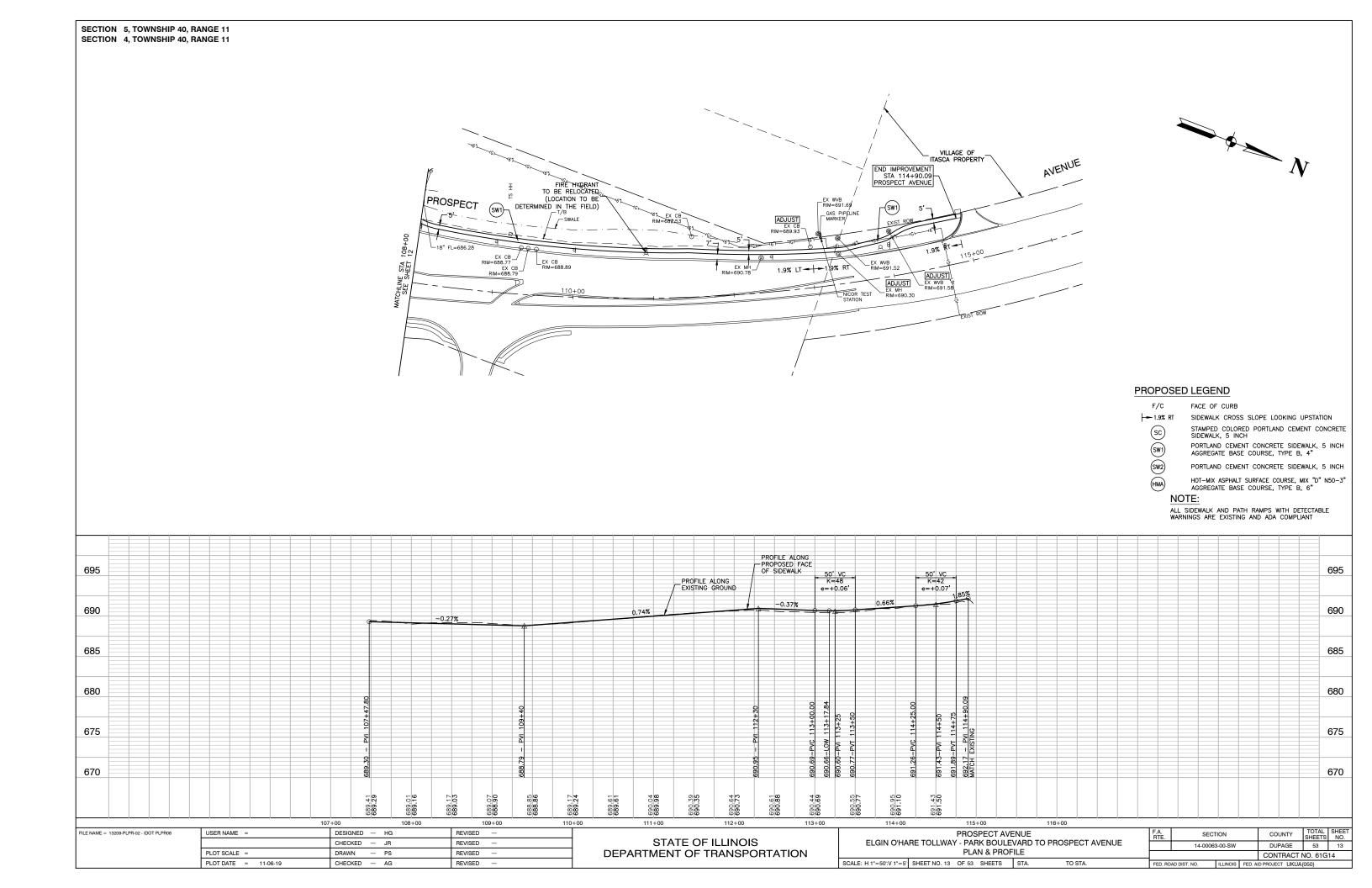


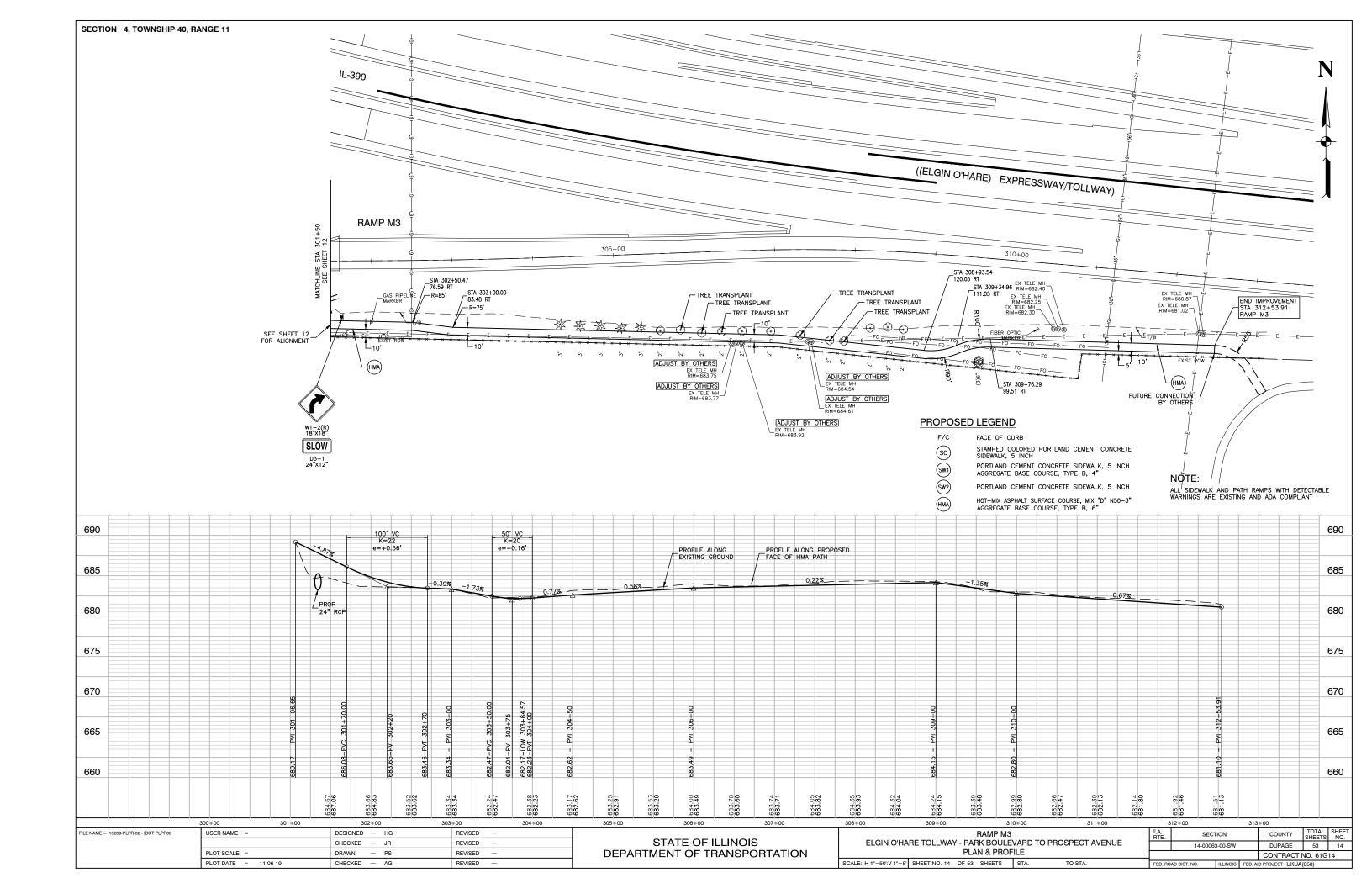












#### SECTION 4, TOWNSHIP 40, RANGE 11 SECTION 5, TOWNSHIP 40, RANGE 11

#### **GENERAL NOTES**

THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES ILR10 CONSTRUCTION GENERAL PERMIT (CGP) ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING THE QUALIFIED PERSONNEL AND FOR PERFORMING THE REQUIRED INSPECTIONS.

#### 1. PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE CONSTRUCTION OF SIDEWALKS. MULTI-USE PATHS, INSTALLATION OF NEW STORM SEWER / PIPE CULVERTS AND EXTENSION OF EXISTING PIPE CULVERTS. THE TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 3.25 ACRES.

- 2. EXISTING SITE CONDITIONS AND SURROUNDING AREAS THE WORK IS CONTAINED WITHIN THE VILLAGE OF ITASCA RIGHT-OF-WAY AND/OR OTHER PUBLIC SURFACE. AREAS SURROUNDING THE PROJECT ARE RESIDENTIAL AND INDUSTRIAL

SOILS
THE SOIL WITHIN THE PROJECT SITE ARE A MIXTURES OF REDDICK
CLAY LOAM AND ADRES SILT LOAM. EXCAVATION OUTSIDE OF PAVED
AREAS WILL BE BACKFILLED WITH NATIVE SOILS.

STANDARD SOIL EROSION AND SEDIMENTATION CONTROL **PRACTICES** 

SOIL FROSION AND SEDIMENT CONTROL PRACTICES FOR THIS PROJECT SOIL EROSION AND SEDIMENT CONTROL PRACTICES FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS AS PROVIDED IN THE PLANS. ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION. AFTER AWARD OF THE CONTRACT, THE CONTRACTOR FOR THE PROJECT SHALL SIGN THIS PLAN ACKNOWLEDGING RESPONSIBILITY FOR THE IMPLEMENTATION OF ON—GOING MAINTENANCE OF THIS PLAN. THE EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST WEEKLY, AND AFTER ANY RAINFALL GREATER THAN 0.5". ANY VISIBLE DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED. ANY EXISTING SUBSURFACE DRAINAGE SYSTEMS OR FIELD TILES THAT ARE DISTURBED DURING THE CONSTRUCTION SHALL BE RESTORED. TOPSOIL SHALL BE STRIPPED AT THE TIME OF EXCAVATION AND REPLACED DURING THE BACKFILL OPERATION. ANY DUST OR MUD FROM THIS PROJECT TRACKED ONTO PUBLIC STREETS SHALL BE CLEANED UP AT THE END OF EACH

PERMANENT STABILIZATION PLANS
SEED AND EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL
DISTURBED AREAS IN ACCORDANCE WITH THE RESTORATION PLANS.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL
VEGETATION AND SEEDED AREAS FOR A PERIOD OF ONE—YEAR AFTER COMPLETION OF THE PROJECT.

MAINTENANCE OF EROSION CONTROL PRACTICES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON FOR MAINTENANCE FOR ENSURING ALL VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN ARE KEPT IN GOOD AND EFFECTIVE OPERATING CONDITIONS.

THE PROCEDURES SET FORTH IN THE ILLINOIS URBAN MANUAL SHALL BE FOLLOWED WHERE APPLICABLE, IF NOT, APPLICABLE PROCEDURES SHALL BE FOLLOWED IN ACCORDANCE WITH MANUFACTURERS STANDARDS.

#### CONSTRUCTION SEQUENCE

- INSTALL EROSION CONTROL
- 2. STORM SEWER / CULVERTS
  3. CONSTRUCTION OF SIDEWALK AND MULTI-USE PATH

#### **INSPECTIONS**

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER (OR EQUIVALENT

- A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING EVIDENCE OF THE PERMITTER OF THE DISCHARGE LOCATIONS OF THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE IMPROVEMENT PLANS SHALL BE OBSERVED TO ENSURE THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL
  MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS
  TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECITON, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PROJECT
  DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED
  UNDER EROSION AND SEDIMENT CONTROLS SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION DATE(S) OF THE INSPECTION(S), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH THE ABOVE SECTION B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE INSPECTOR SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ECHINICIAN TAILL OSE COMMS FROVIED BY THE ILLINOIS EVAIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF THE NONCOMPLIANCE, ACTIONS TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VICEOUS CONTINUES. PART VI. G OF THE GENERAL PERMIT.
- THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF WATER POLLUTION CONTROL ATTN: COMPLIANCE ASSURANCE SECTION 1021 NORTH GRAND FAST POST OFFICE BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276

(WITH COPIES SENT TO THE OWNER AND ENGINEER)

#### DESCRIPTION OF STORMWATER MANAGEMENT CONTROLS

- INSTALL PERIMETER EROSION BARRIER AS INDICATED ON THE LANDSCAPING AND EROSION CONTROL PLAN.
- 2. AFTER CONSTRUCTION OF THE PROPOSED STORM SEWERS AND CULVERTS, PLACE INLET FILTERS PER THE DETAIL ON THE PLANS OR APPROVED EQUAL IN ALL STORM STRUCTURES ACCEPTING SURFACE FLOW OUTSIDE OF PAVED AREAS.
- 3. INSTALL PERMANENT EROSION CONTROL MEASURES SEED AND BLANKET AS SHOWN ON THE LANDSCAPING AND EROSION CONTROL

#### STABILIZATION PRACTICES

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR THAT WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION IS INDICATED. EACH SUCH CONTRACTOR SHALL SIGN THE REQUIRED CERTIFICATION ON FORMS WHICH ARE PART OF THIS PLAN.

- 1. INSTALL ONSITE SEDIMENT CONTROL MEASURES AS SHOWN ON THE IMPROVEMENT PLANS PRIOR TO INITIATING CONSTRUCTION.
- 2 STARILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF
- 3. TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 100 LBS/ ACRE OR 150 LBS / ACRE DEPENDING ON THE SEED MIXTURE USED.
- TOPSOIL STOCKPILES SHALL BE SEEDED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWNSLOPE SIDE OF THE
- 5. WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE
- 6. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPERSED FROM TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADER TO PROVIDE A UNIFORM RATE OF APPLICATION
- 7. PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS.
  ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING
- 8. ALL TEMPORARY AND PERMANENT FROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE
- 9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE MUNICIPALITY AS CONSTRUCTION PROGRESSES.
- 10. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF WITHIN 30 DAYS OF FINAL STABILIZATION.
- 11. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE IN ACCORDANCE WITH IDOT AND THE VILLAGE OF ITASCA ORDINANCES.
- 12. SPECIFIC EROSION CONTROLS ARE SHOWN ON THE LANDSCAPING AND EROSION CONTROL PLAN IN THIS SET.

#### NON-STORMWATER DISCHARGES

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT IS COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORMWATER CONPONENT(S) OF THE DISCHARGE

WATERMAIN FLUSHING FIRE HYDRANT FLUSHING GROUNDWATER (TRENCH DE-WATERING WATER)
WATERING FOR DUST CONTROL DRAINAGE FOR VEGITATIVE GROWTH

#### APPROVED STATE OR LOCAL PLANS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, LATEST EDITION. REQUIREMENTS SPECIFIED IN THE SWPPP. OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE TO BE AUTHORIZED TO DISCHARGE UNDER PERMITS ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

#### **EROSION CONTROL NOTES**

THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED CONSTRUCTION MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY

ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO THE

ANY OBSERVED DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.

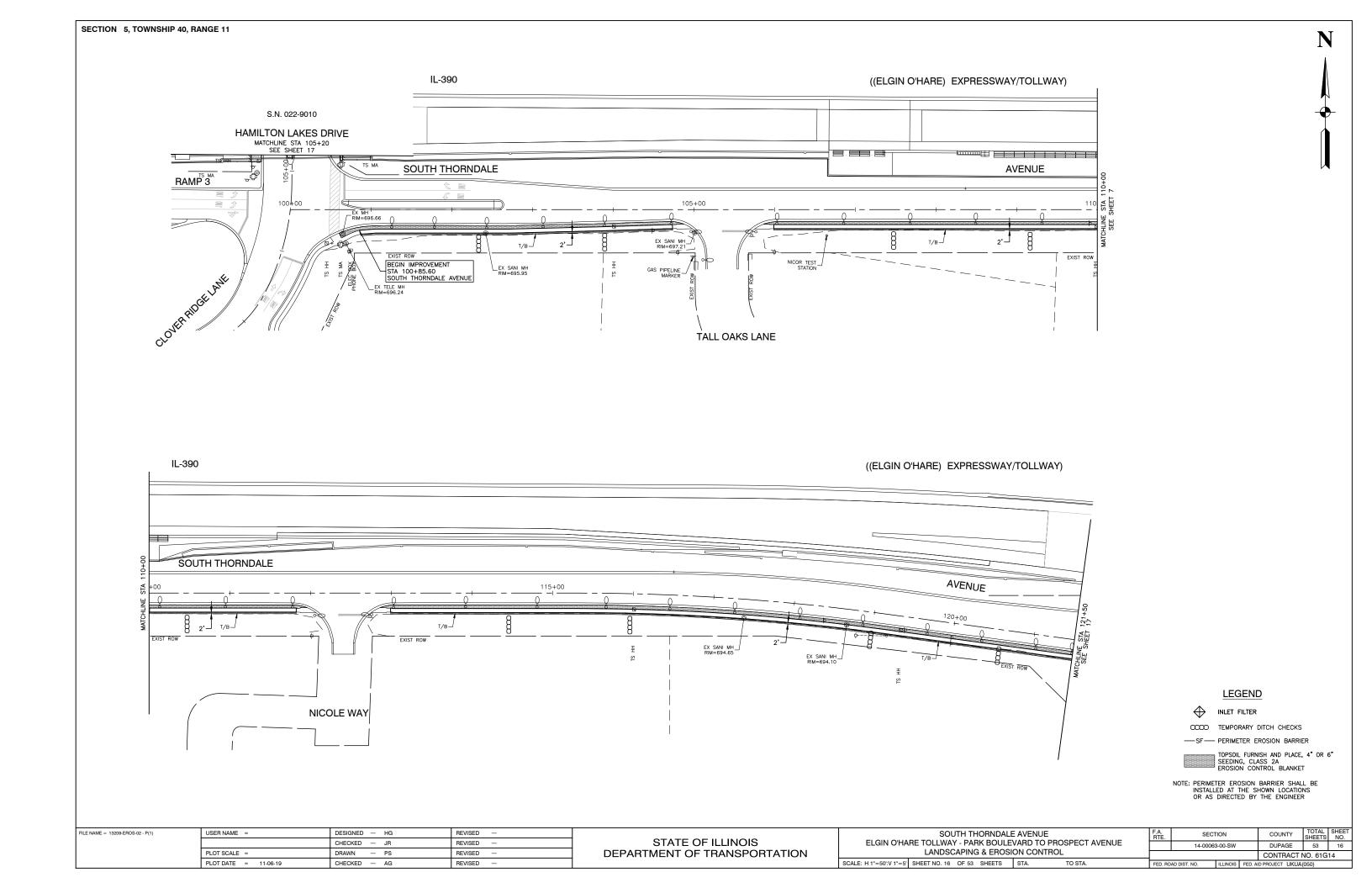
ANY DUST OR MUD TRACKED ONTO STREETS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.

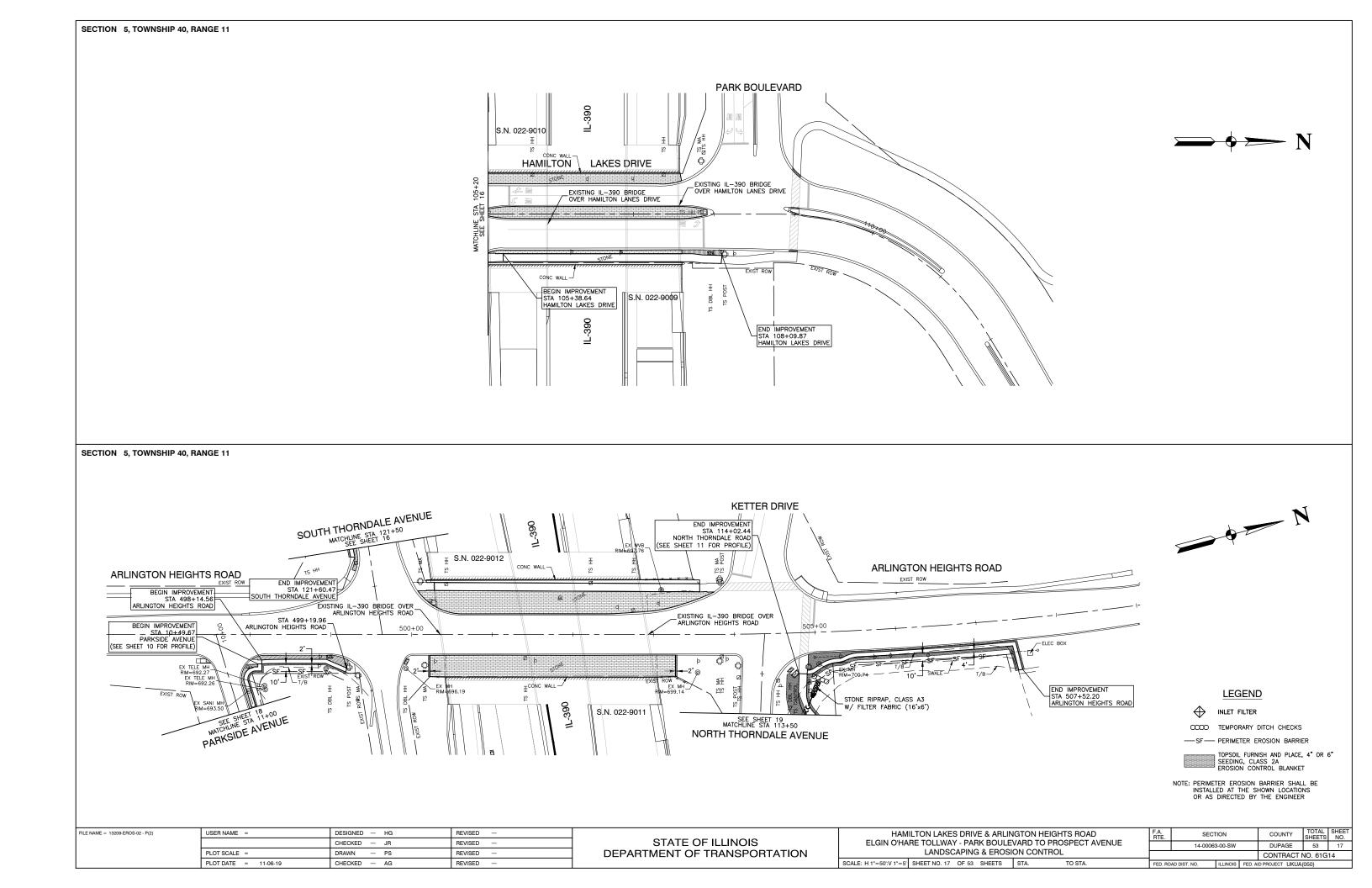
STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.

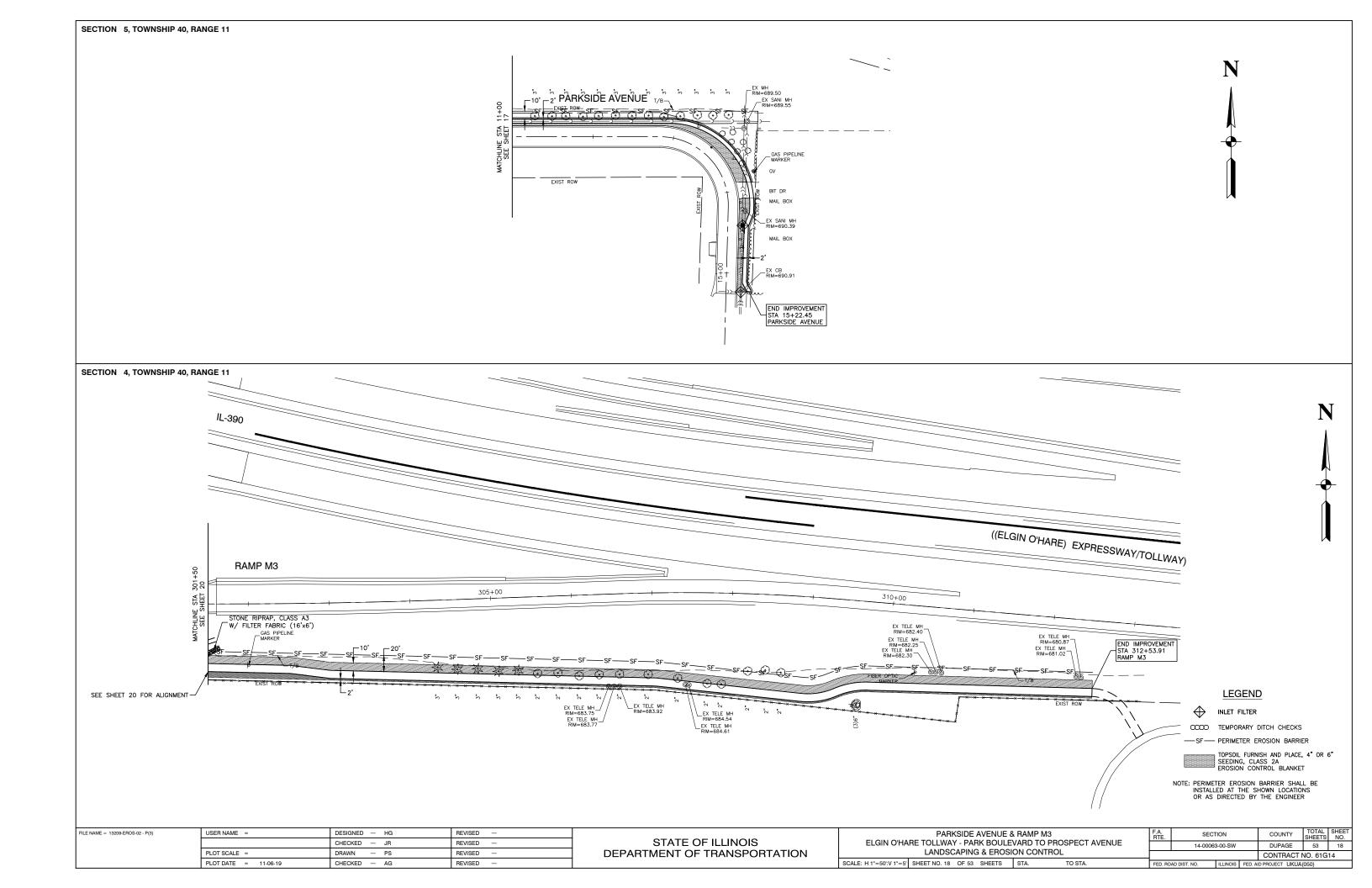


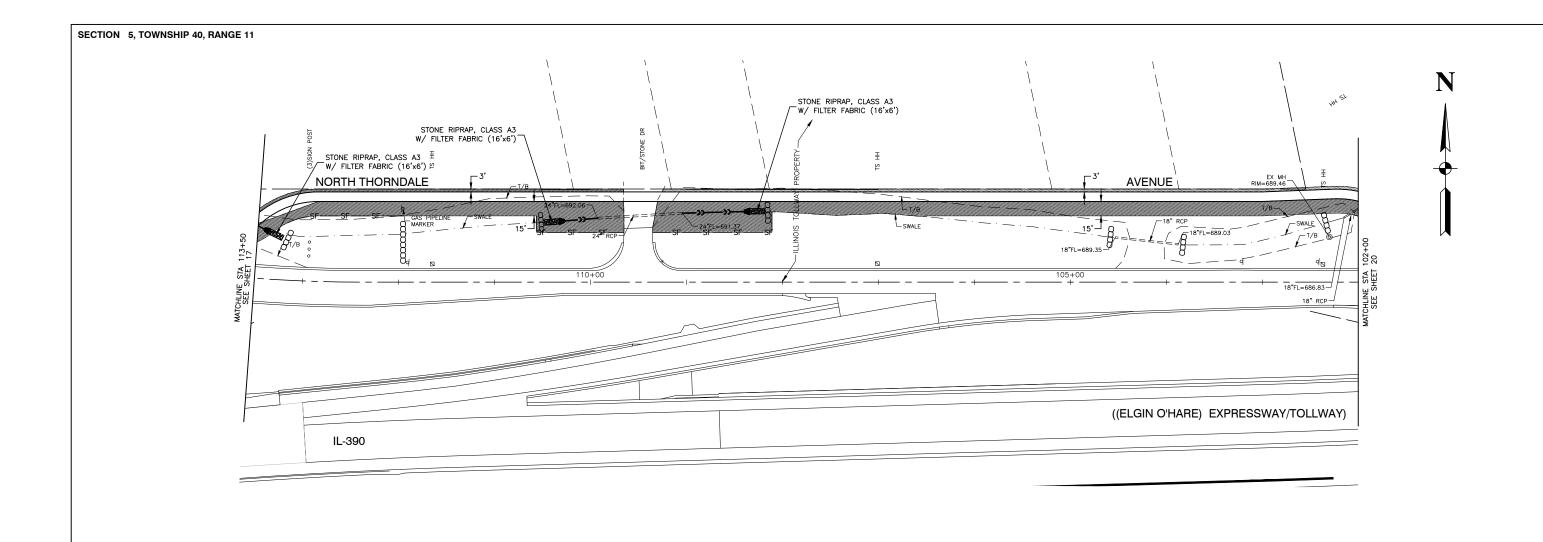
VILLAGE OF ITASCA

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#### LEGEND

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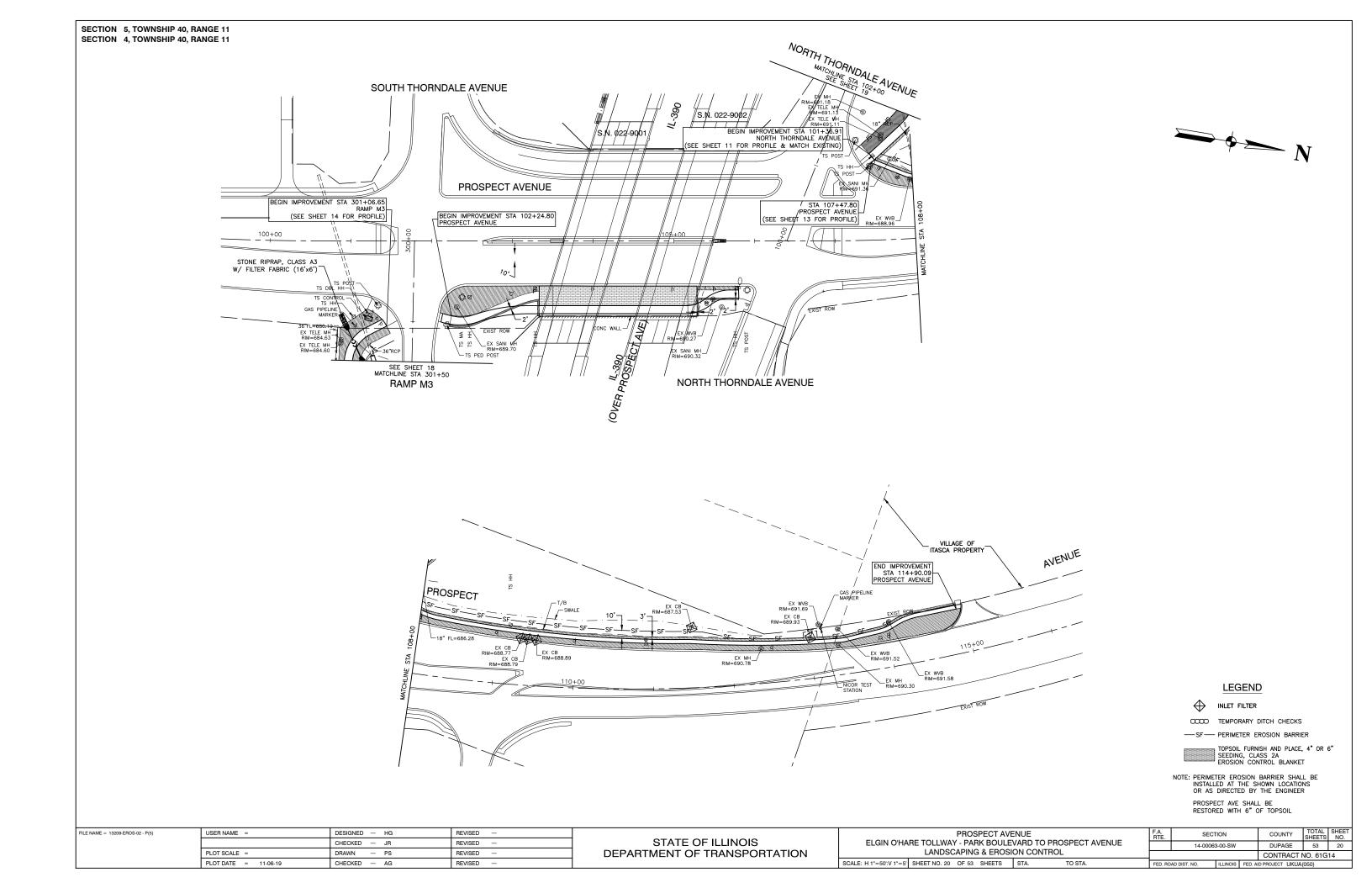
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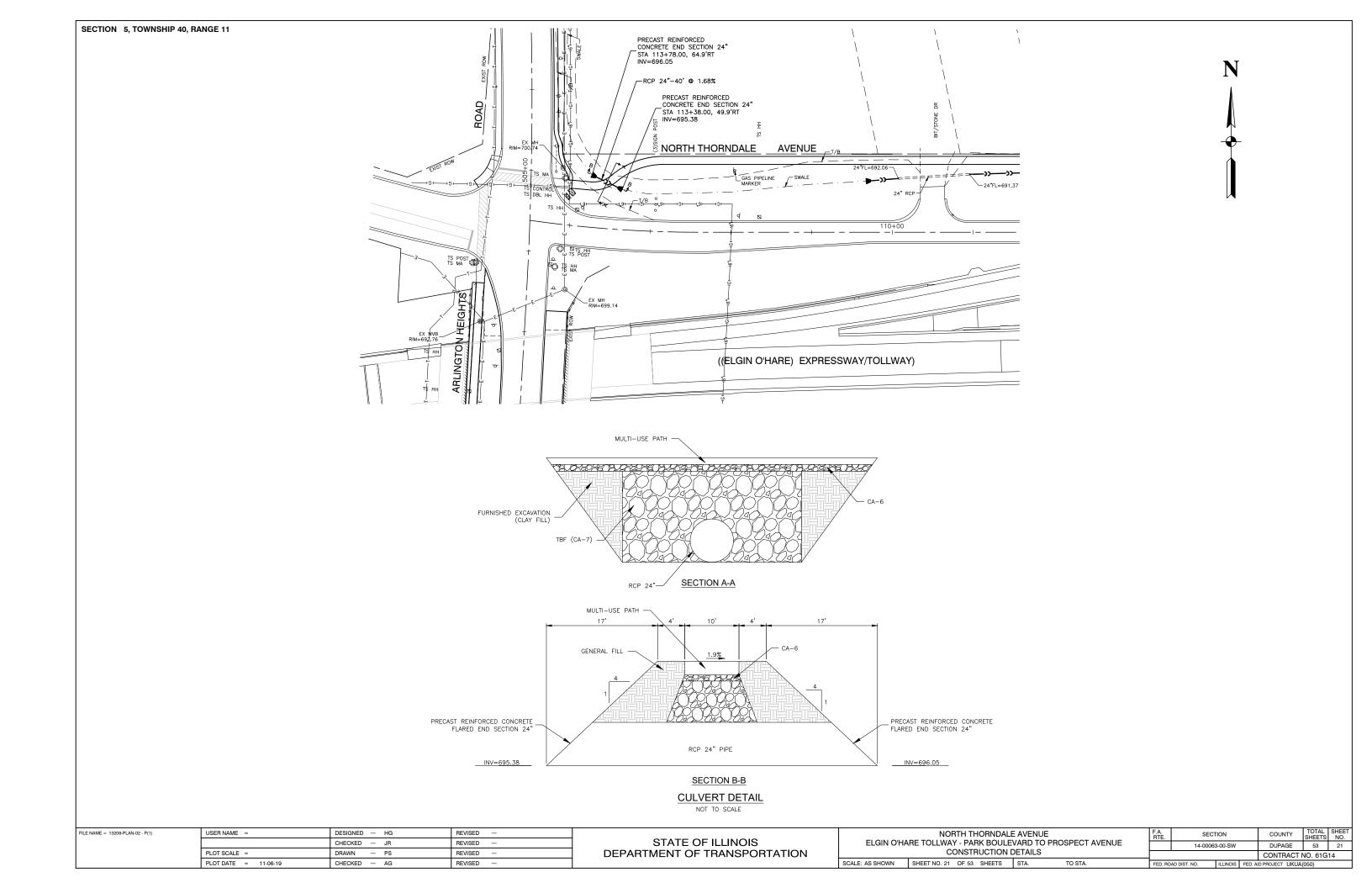
TOPSOIL FURNISH AND PLACE, 4" OR 6" SEEDING, CLASS 2A EROSION CONTROL BLANKET

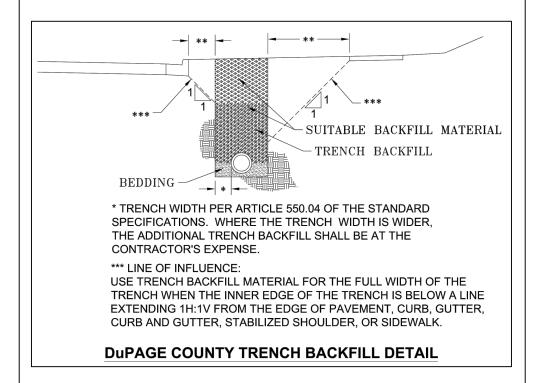
NOTE: PERIMETER EROSION BARRIER SHALL BE INSTALLED AT THE SHOWN LOCATIONS OR AS DIRECTED BY THE ENGINEER

NORTH THORNDALE AVE SHALL BE RESTORED WITH 6" OF TOPSOIL

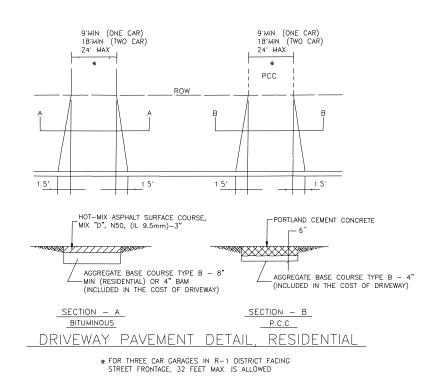
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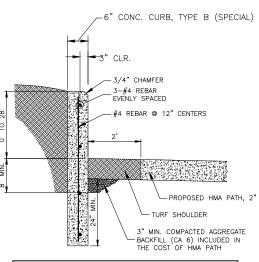






#### VILLAGE OF ITASCA, ILLINOIS



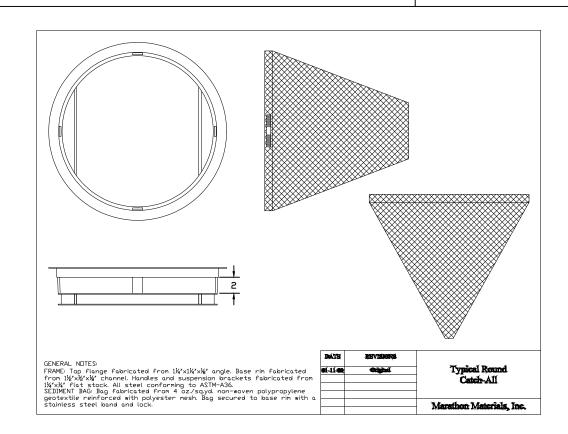


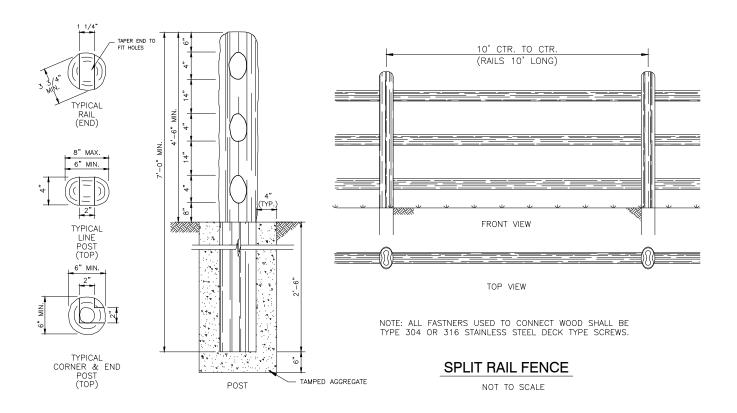
NOTE:

THE COST OF CONSTRUCTING THE ADDITIONAL CURB WIDTH BELOW GRADE AND FURNISHING AND INSTALLING THE #4 REBARS AND PREFORMED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB, TYPE B (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE HMA PATH WILL BE PAID FOR SEPARATELY.

### CONCRETE CURB, TYPE B (SPECIAL) DETAIL

STA 107+00 TO STA 108+50 (NORTH SIDE) & STA 110+00 TO STA 110+50 (NORTH SIDE)





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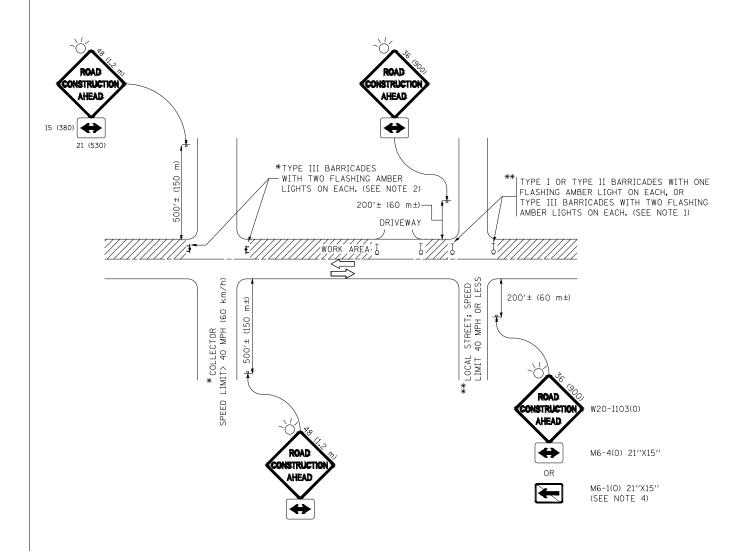
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELGIN O'HARE TOLLWAY - PARK BOULEVARD TO PROSPECT AVENUE

CONSTRUCTION DETAILS

SCALE: NONE SHEET NO. 22 OF 53 SHEETS STA. TO STA.



#### NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200" (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION,
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500" (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

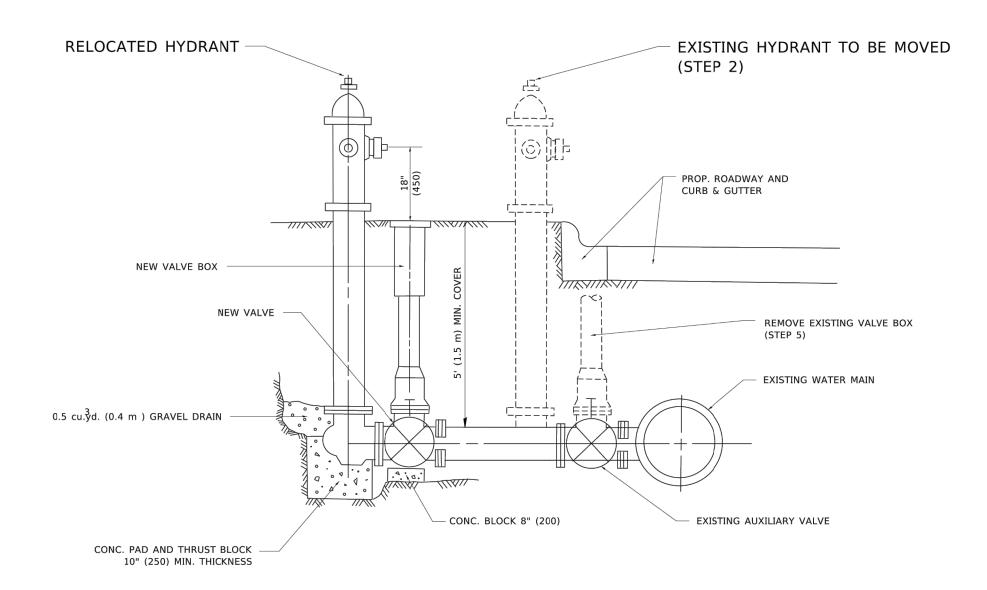
SCALE:

- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDE ROADS	INTE	RSECTION	S, AND	CTION FOR DRIVEWAYS
SHEET NO. 23	OF 53	SHEETS	STA	TO STA.



#### SEQUENCE OF CONSTRUCTION:

- 1. CLOSE EXISTING VALVE.
- 2. REMOVE EXISTING HYDRANT.
- 3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
- 4. RELOCATE EXISTING HYDRANT.
- 5. OPEN EXISTING VALVE, REMOVE BOX.
- BACKFILL.
- FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

#### NOTE:

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

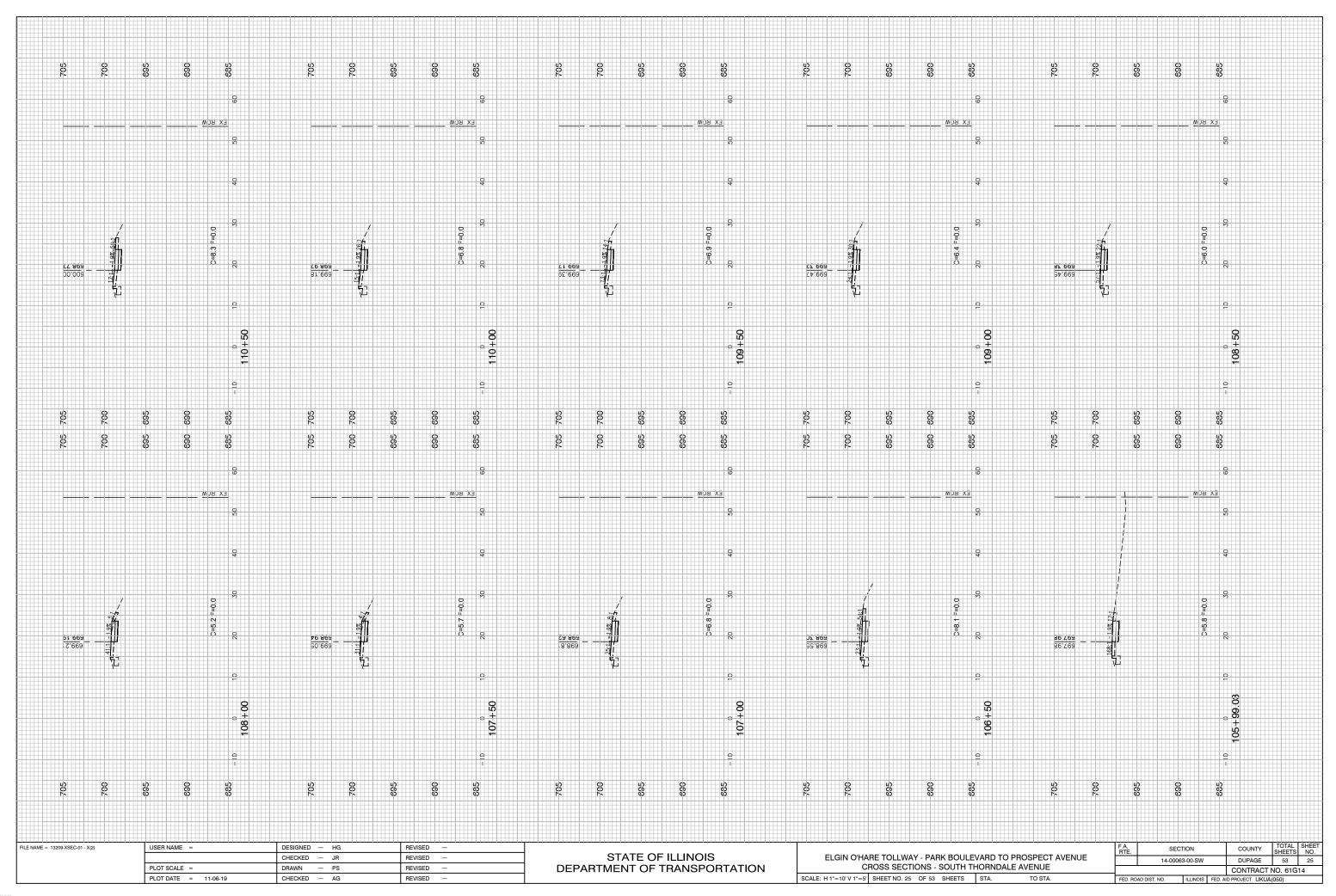
## FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

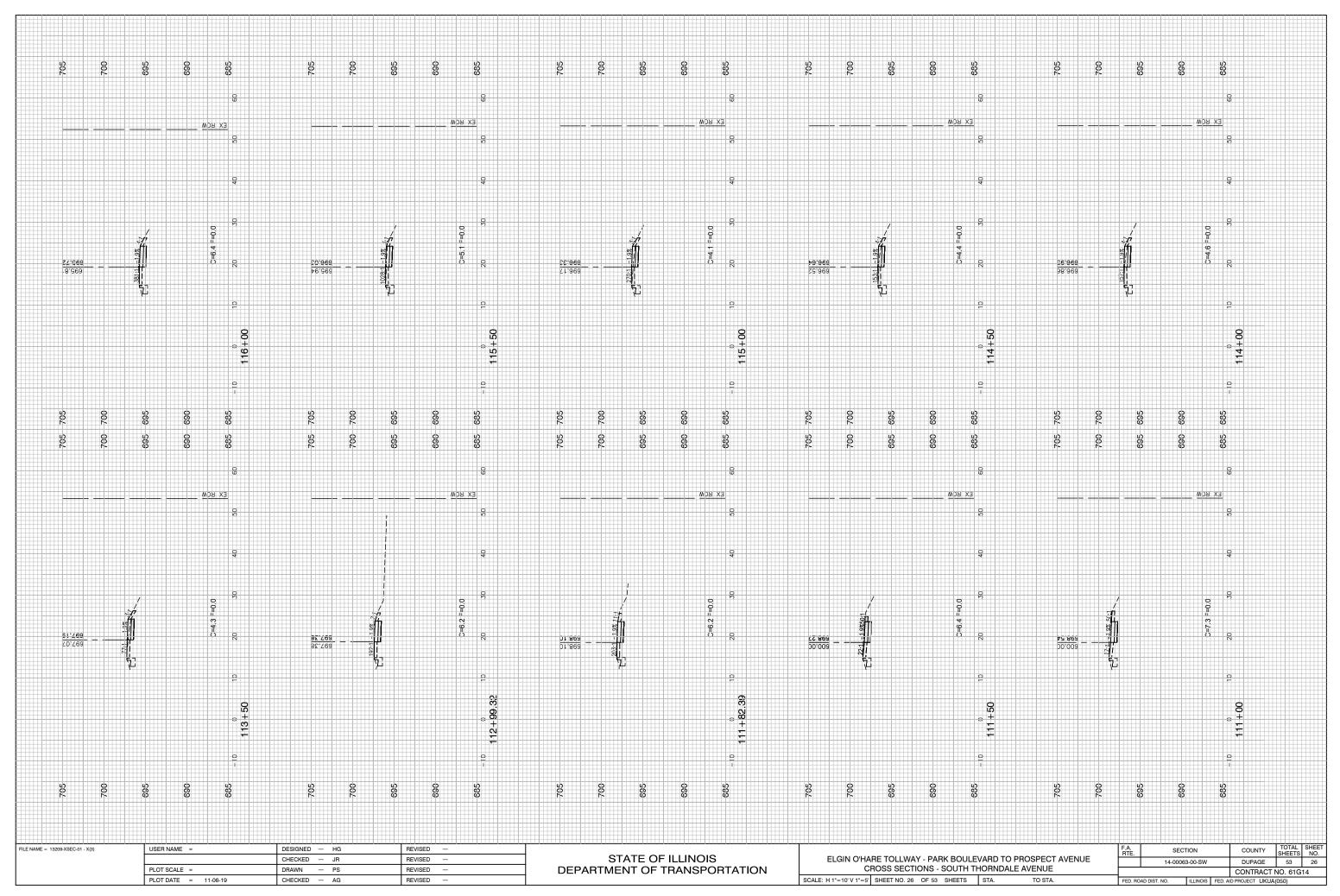
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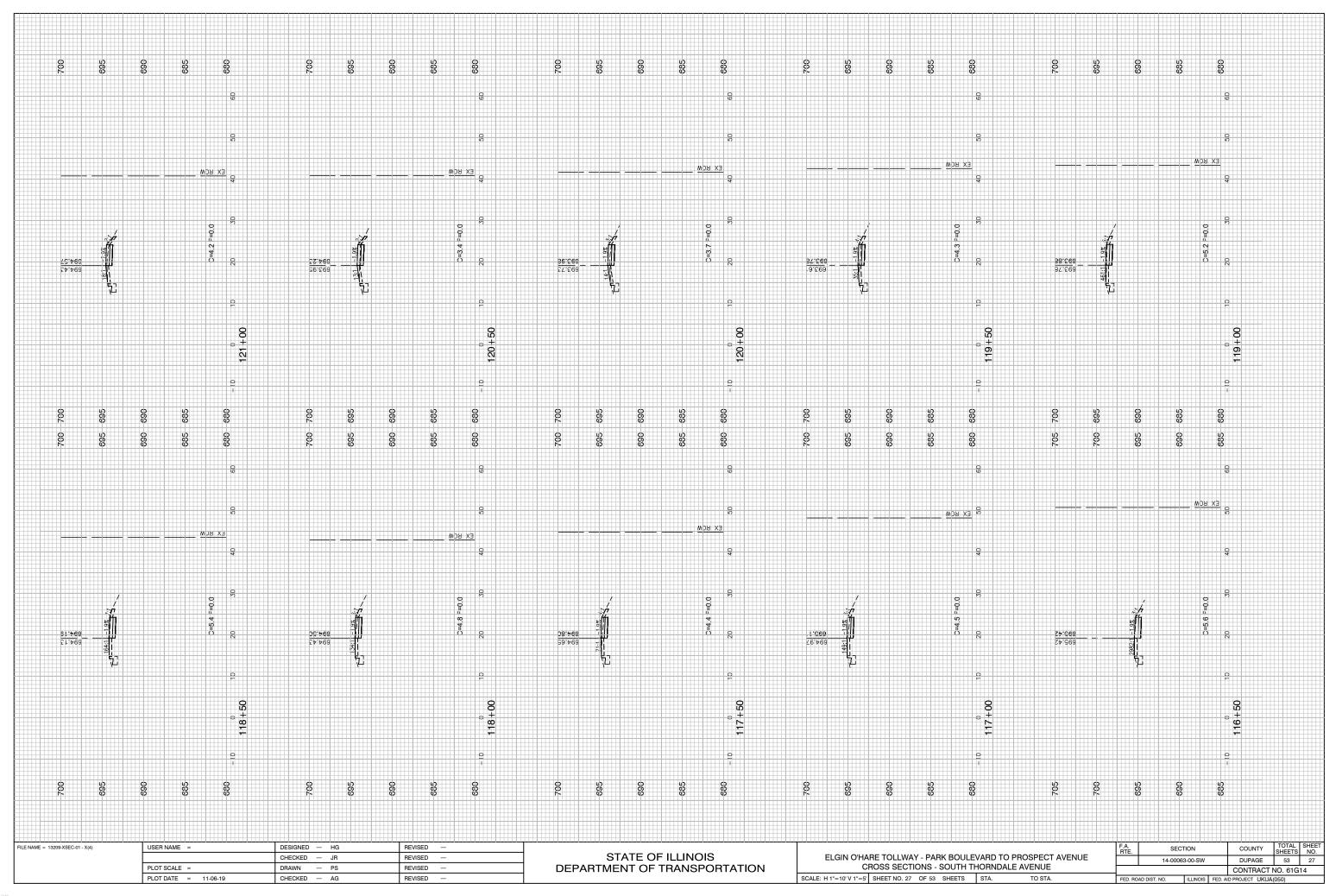
AST SAVED BY: KMUHR ON 11/1/19 LOTTED BY: RICHARD GONDEK ON 11/



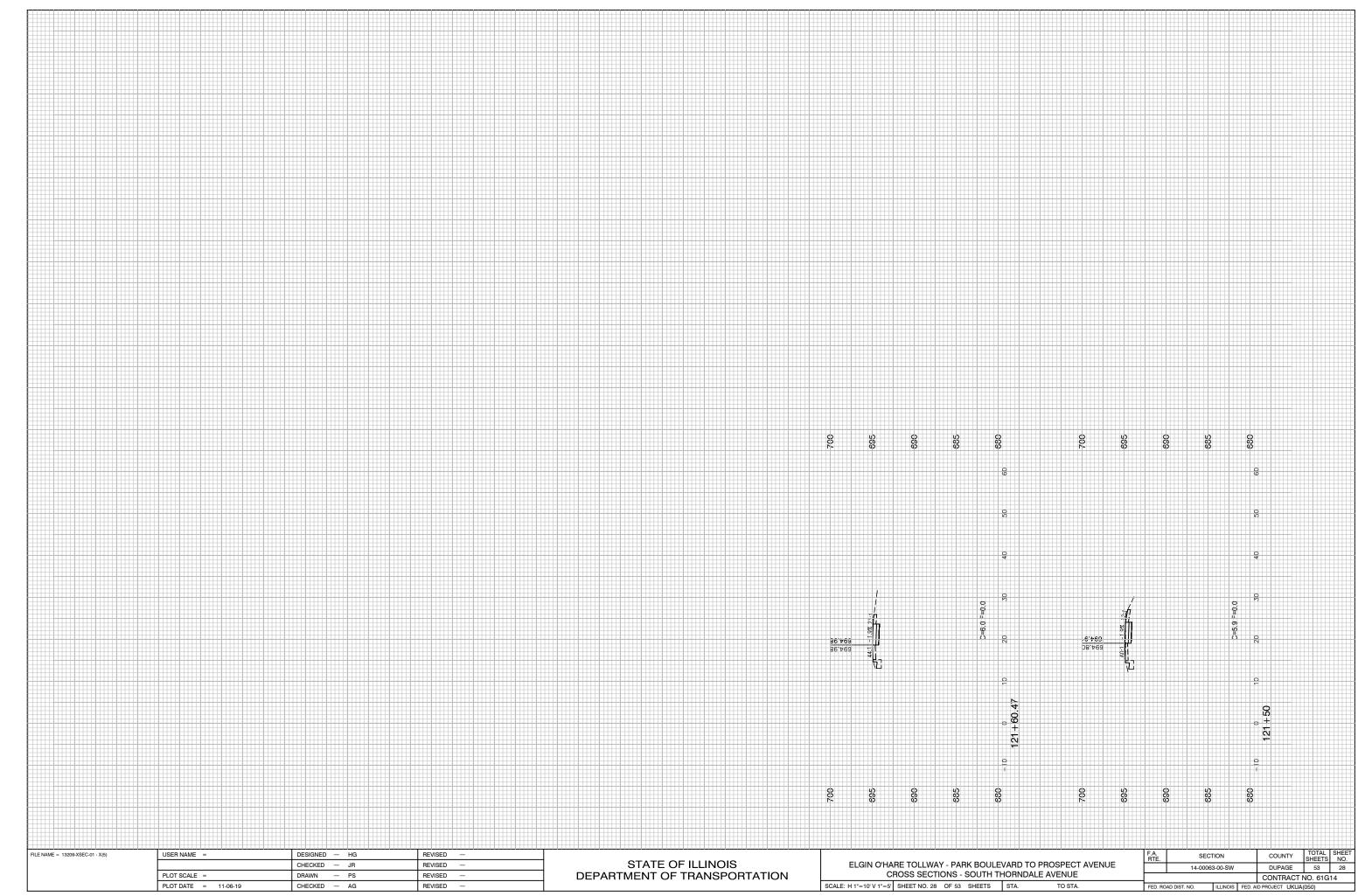
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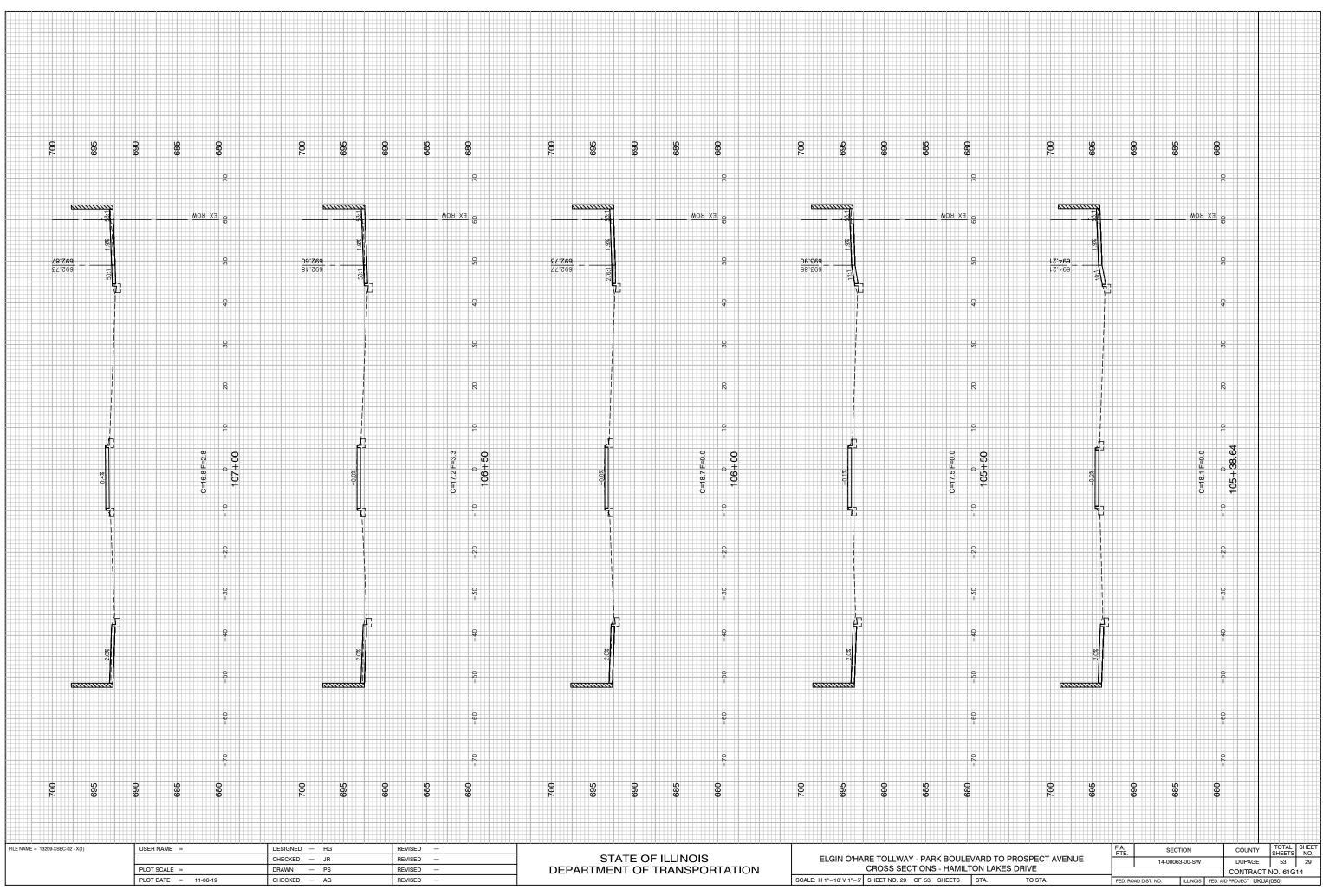
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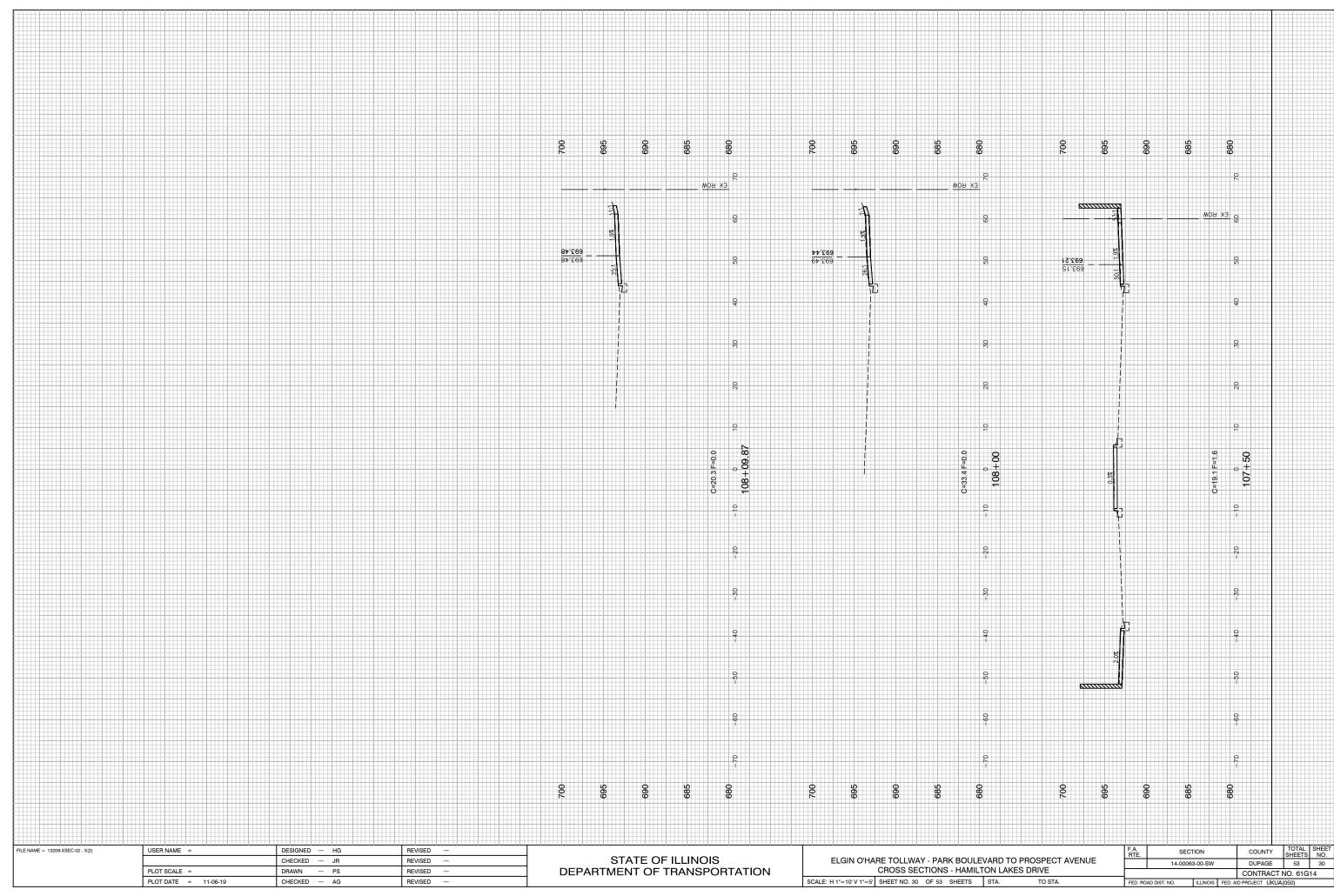


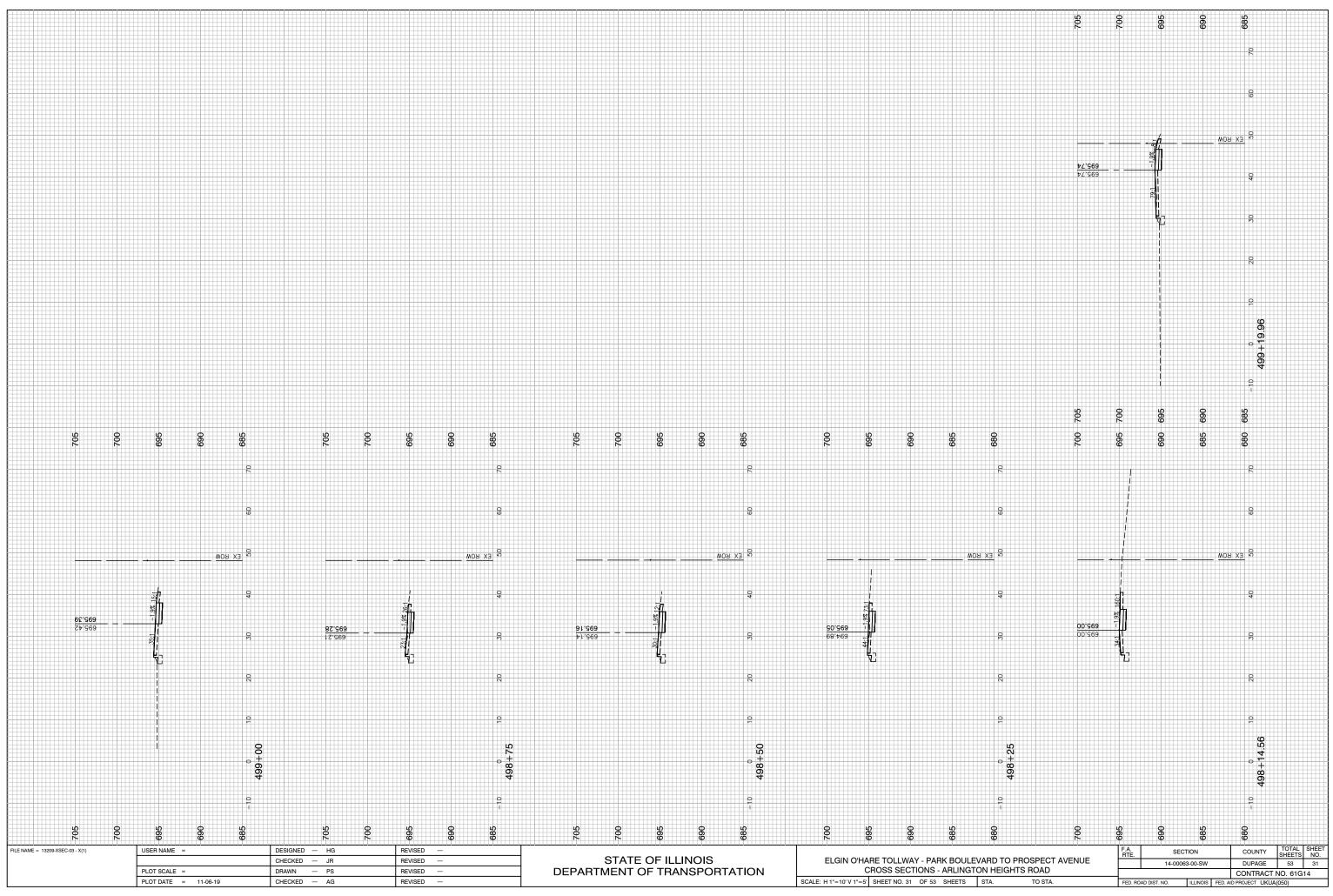
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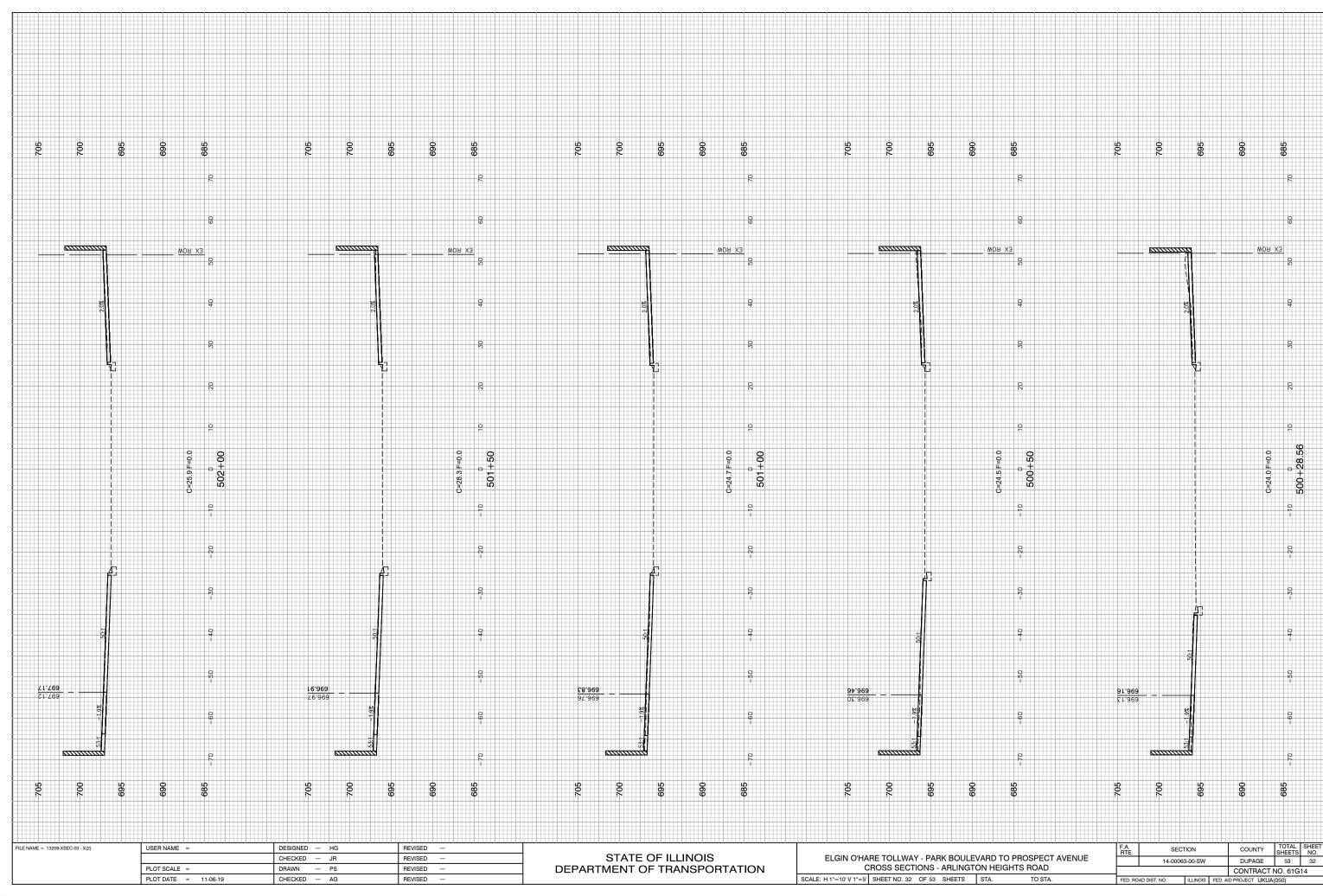


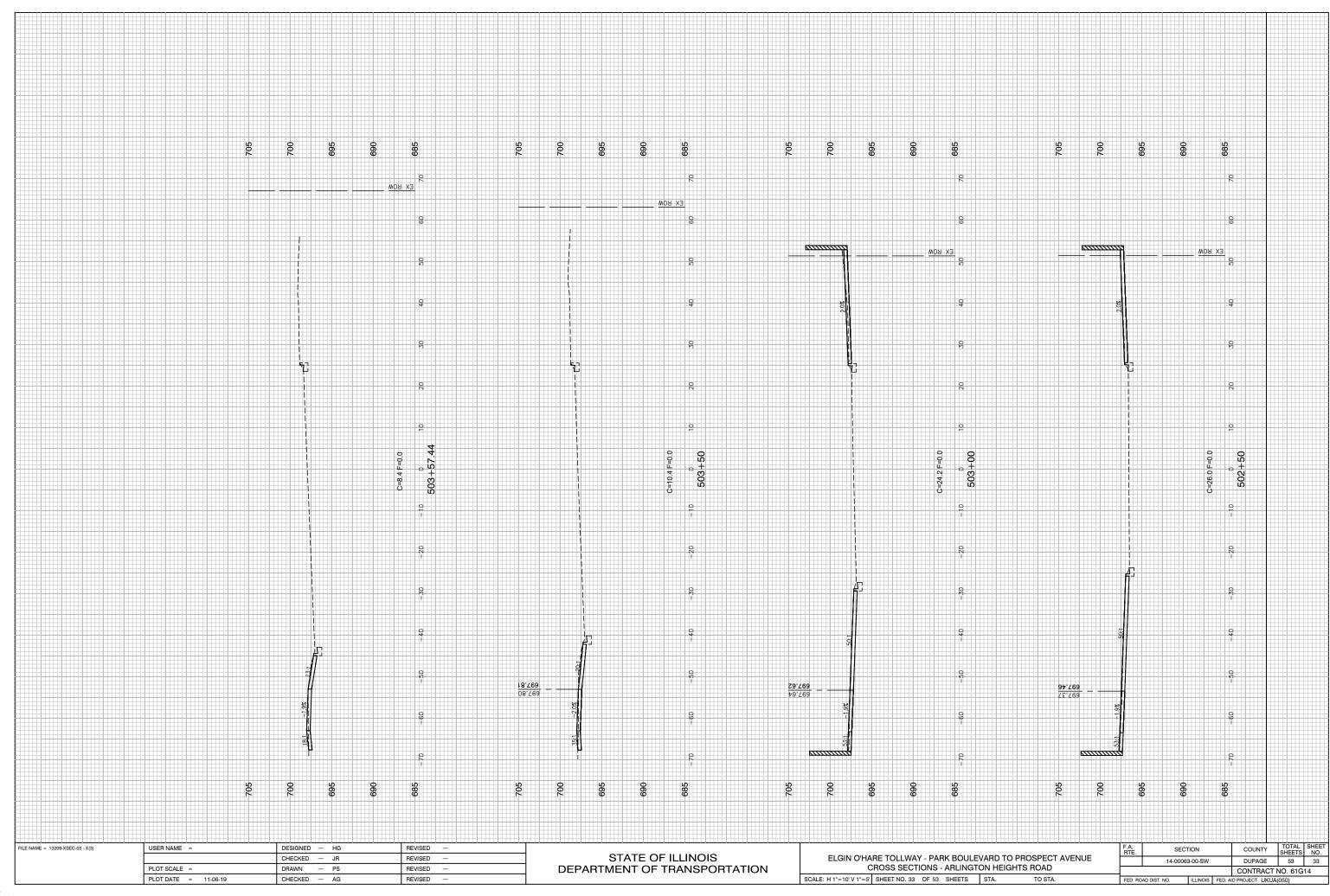
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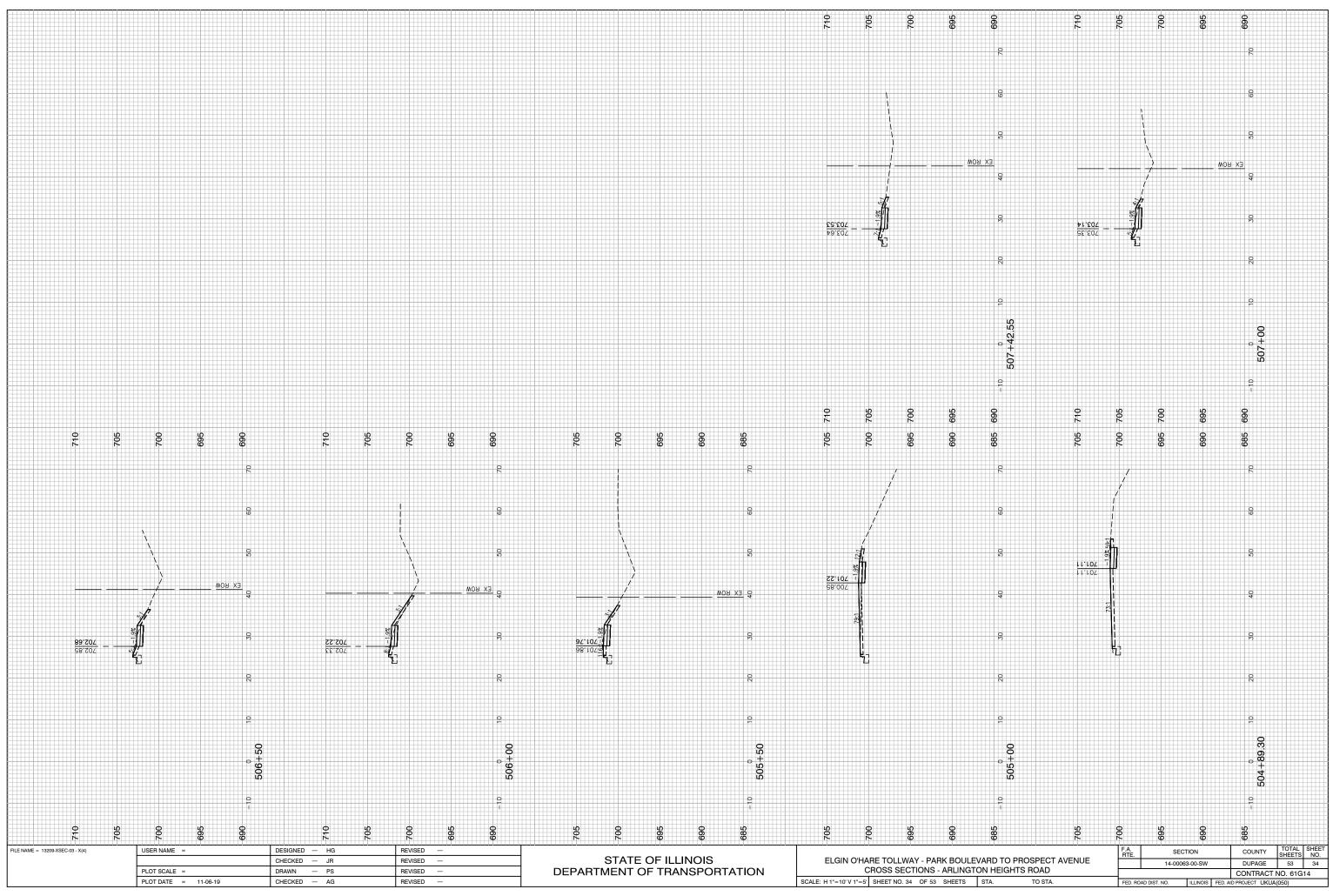


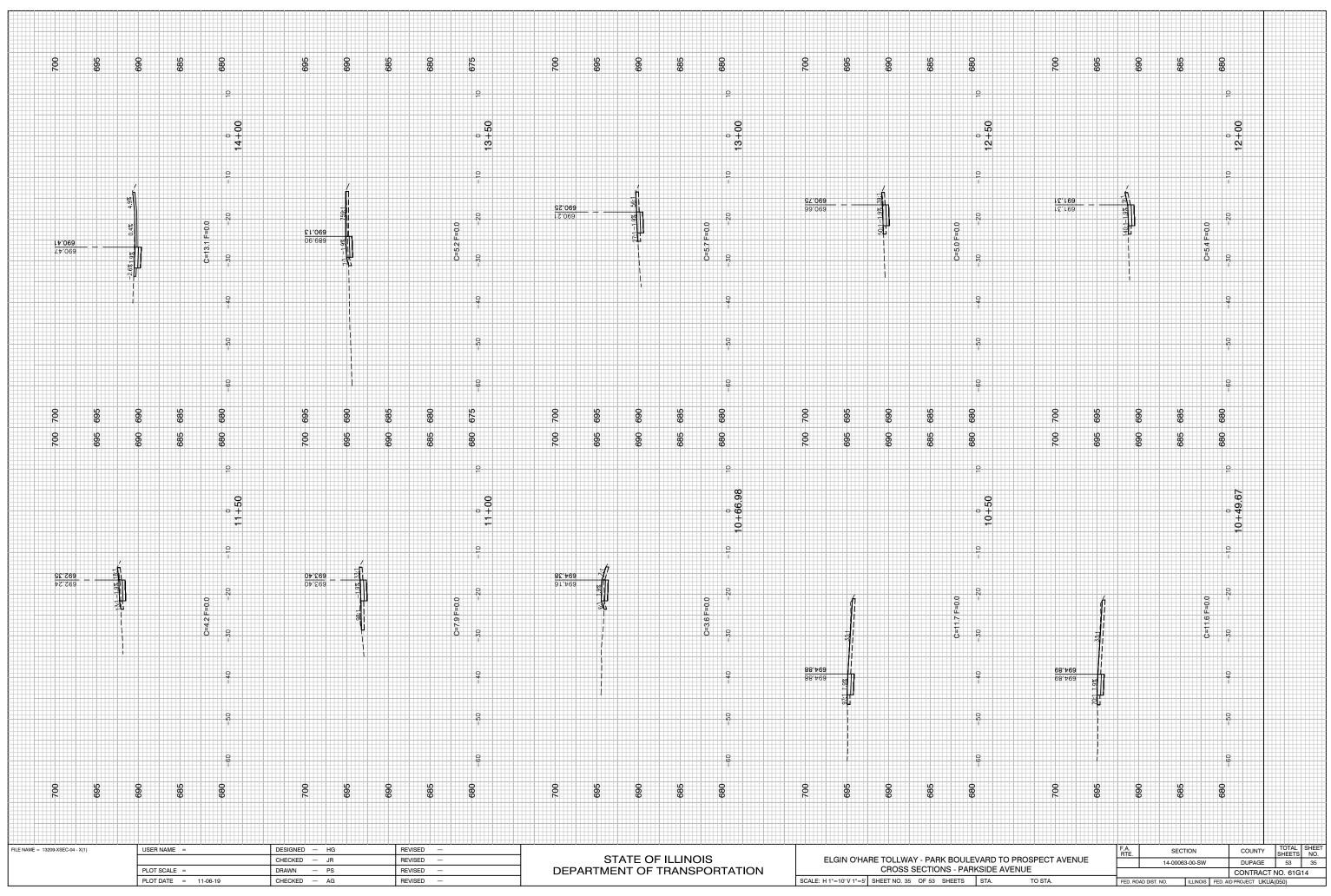




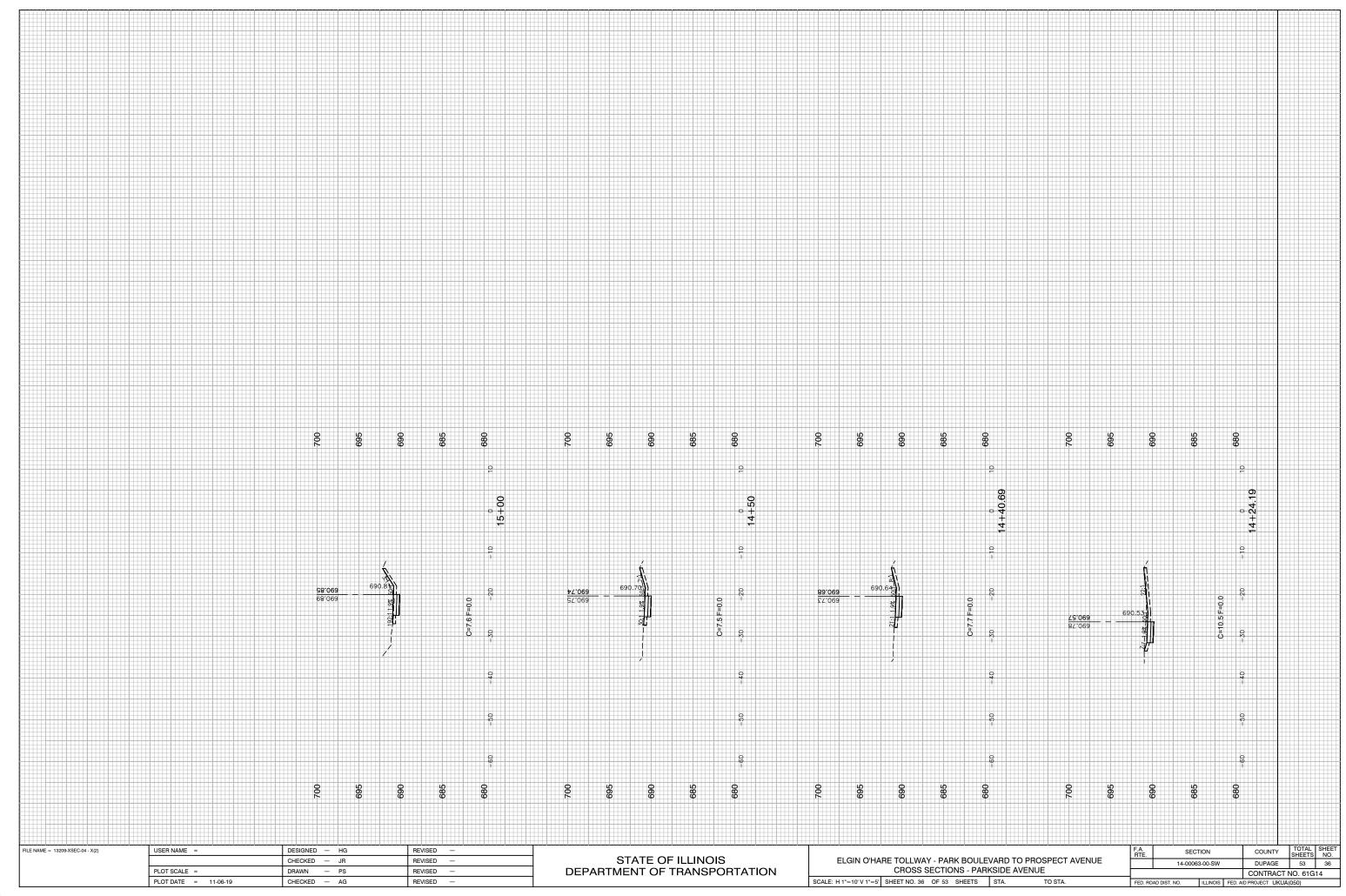




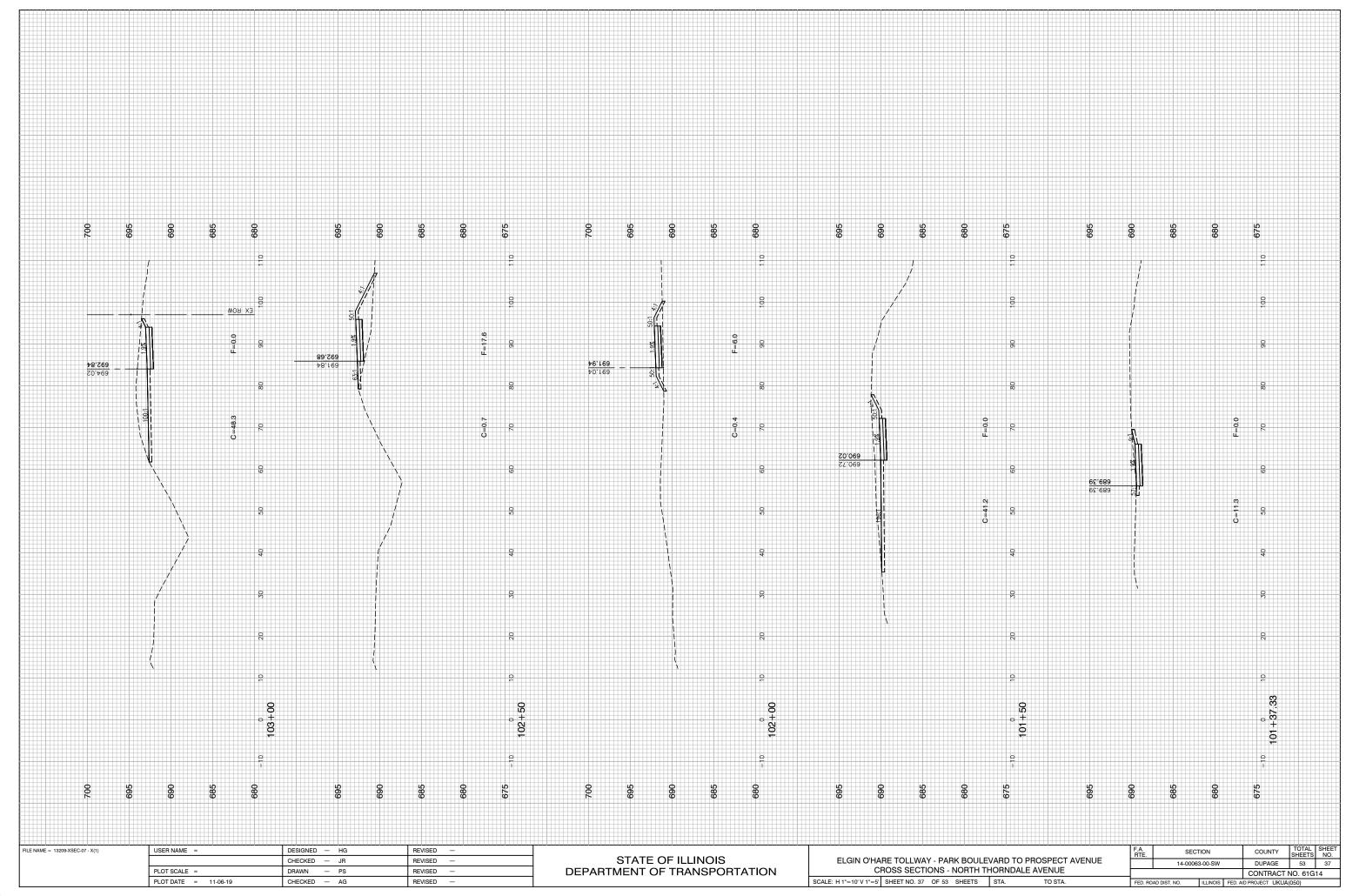




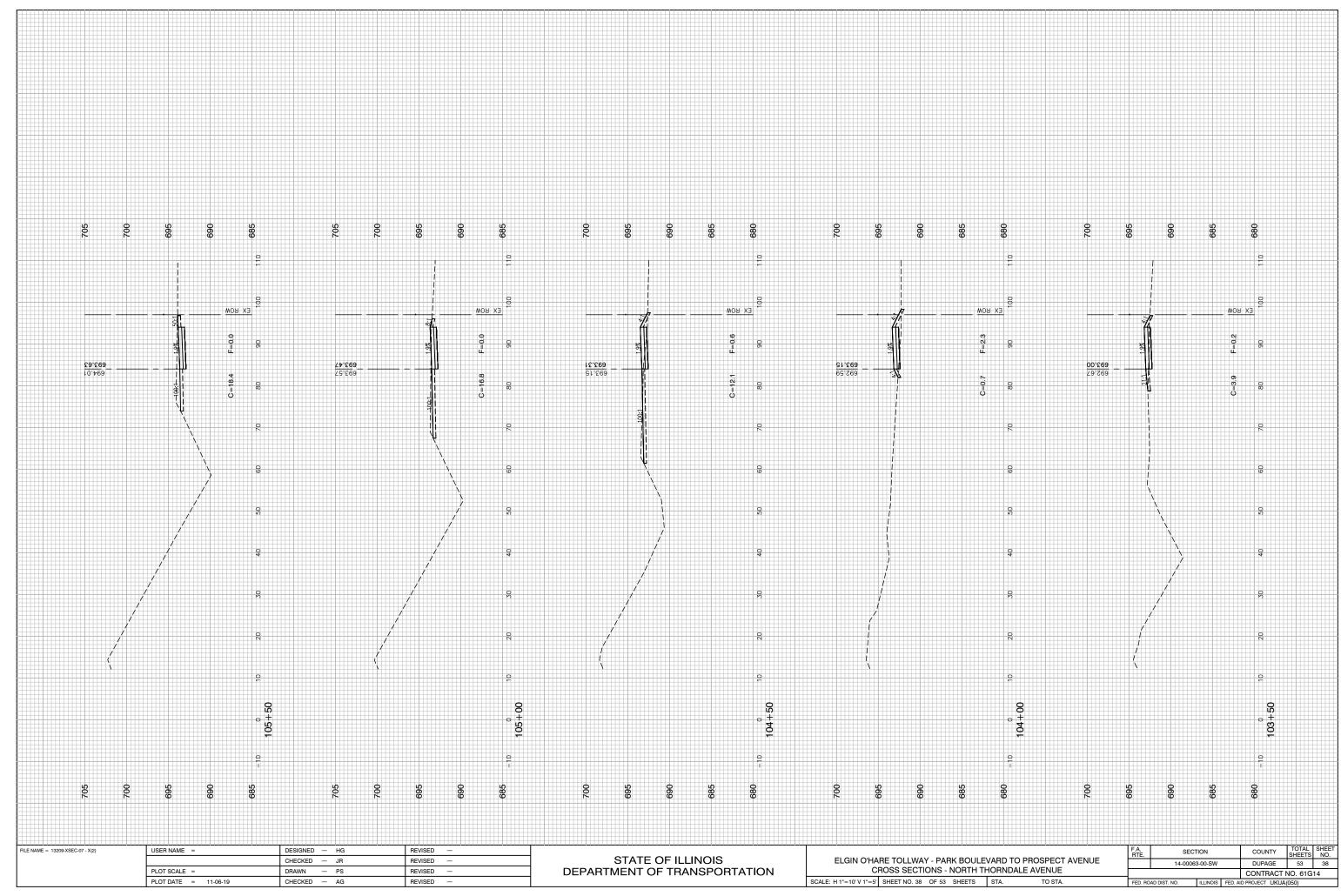
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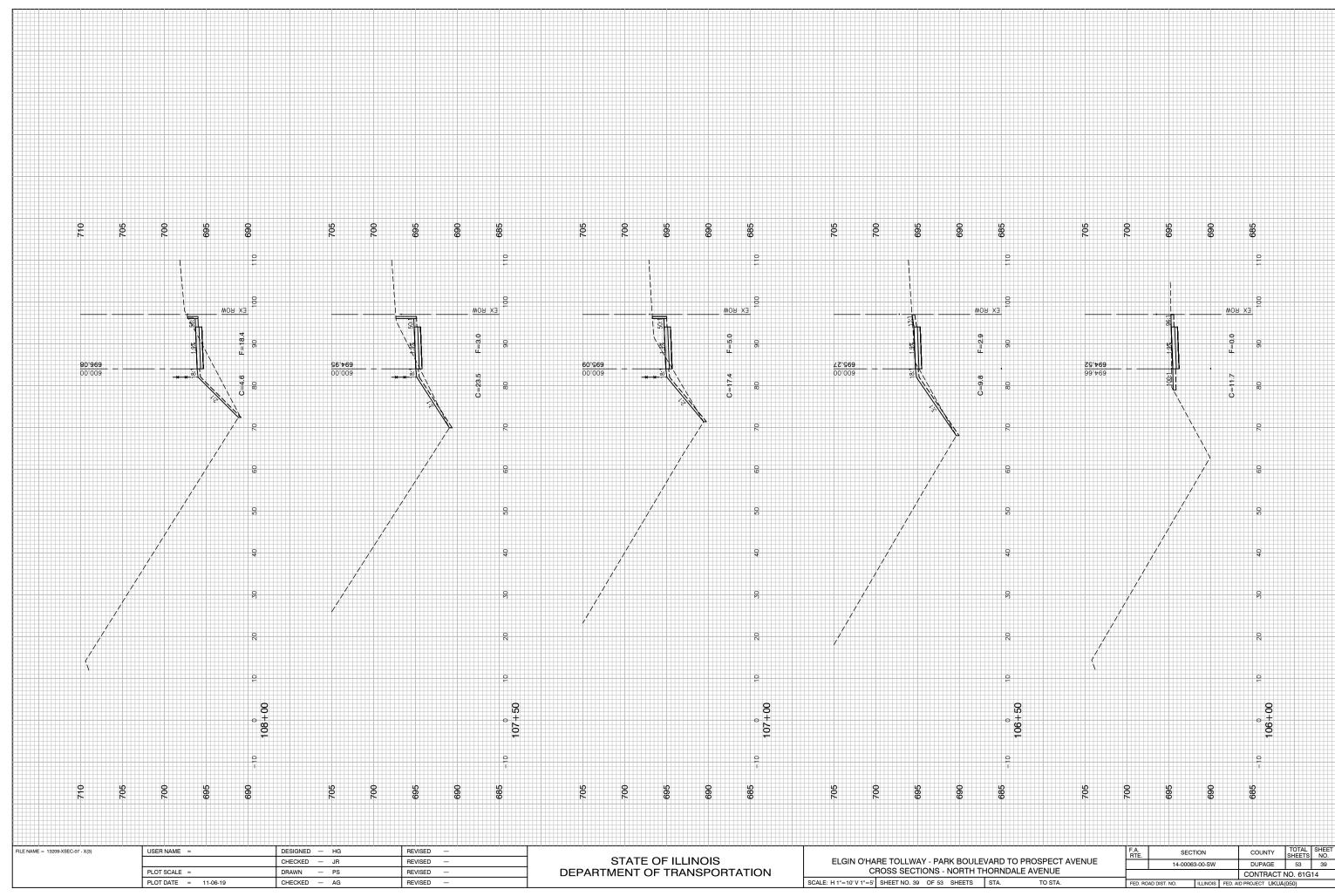


LOTTED BY: RICHARD GONDEK ON 1

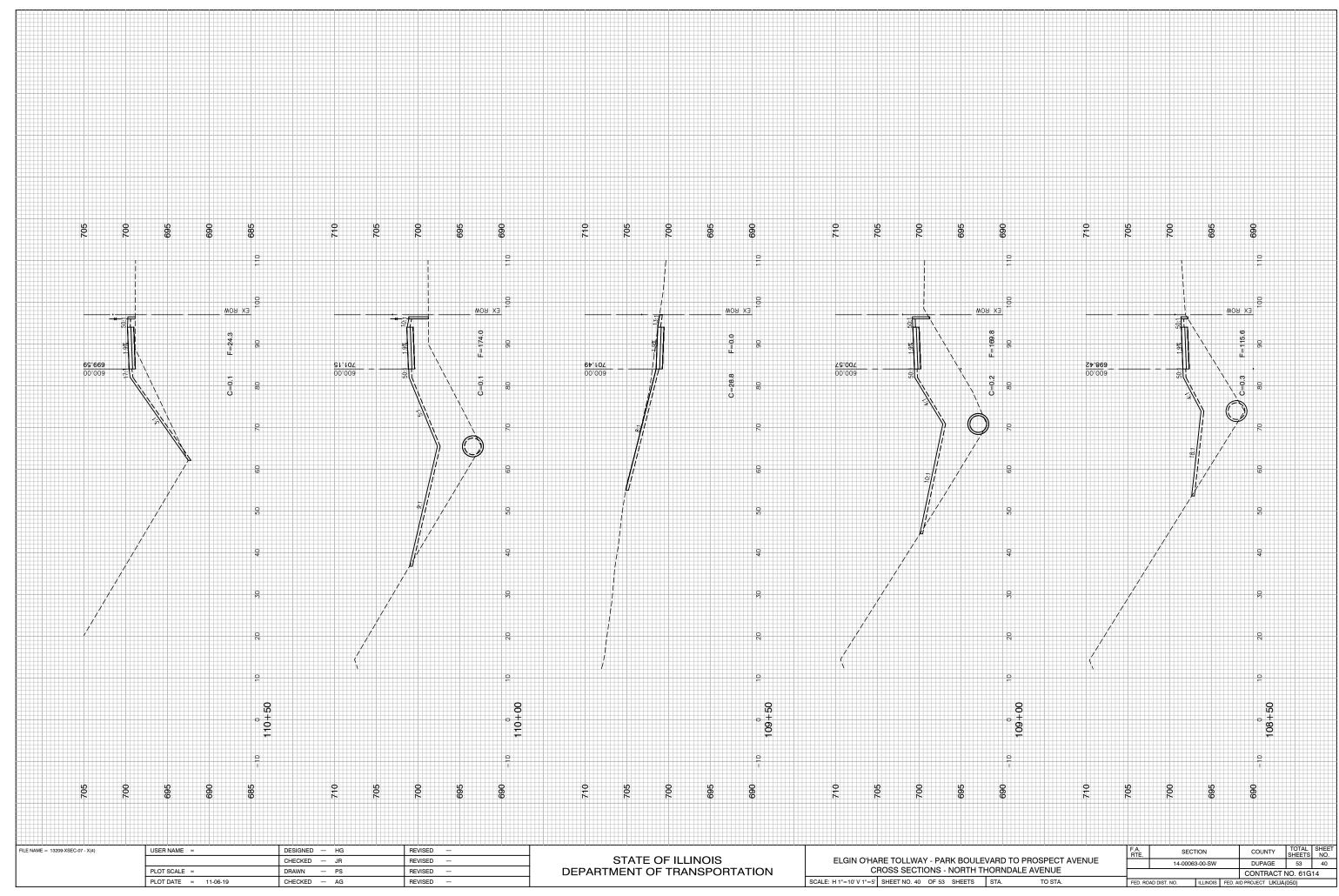


LOTTED BY: RICHARD GONDEK ON 11

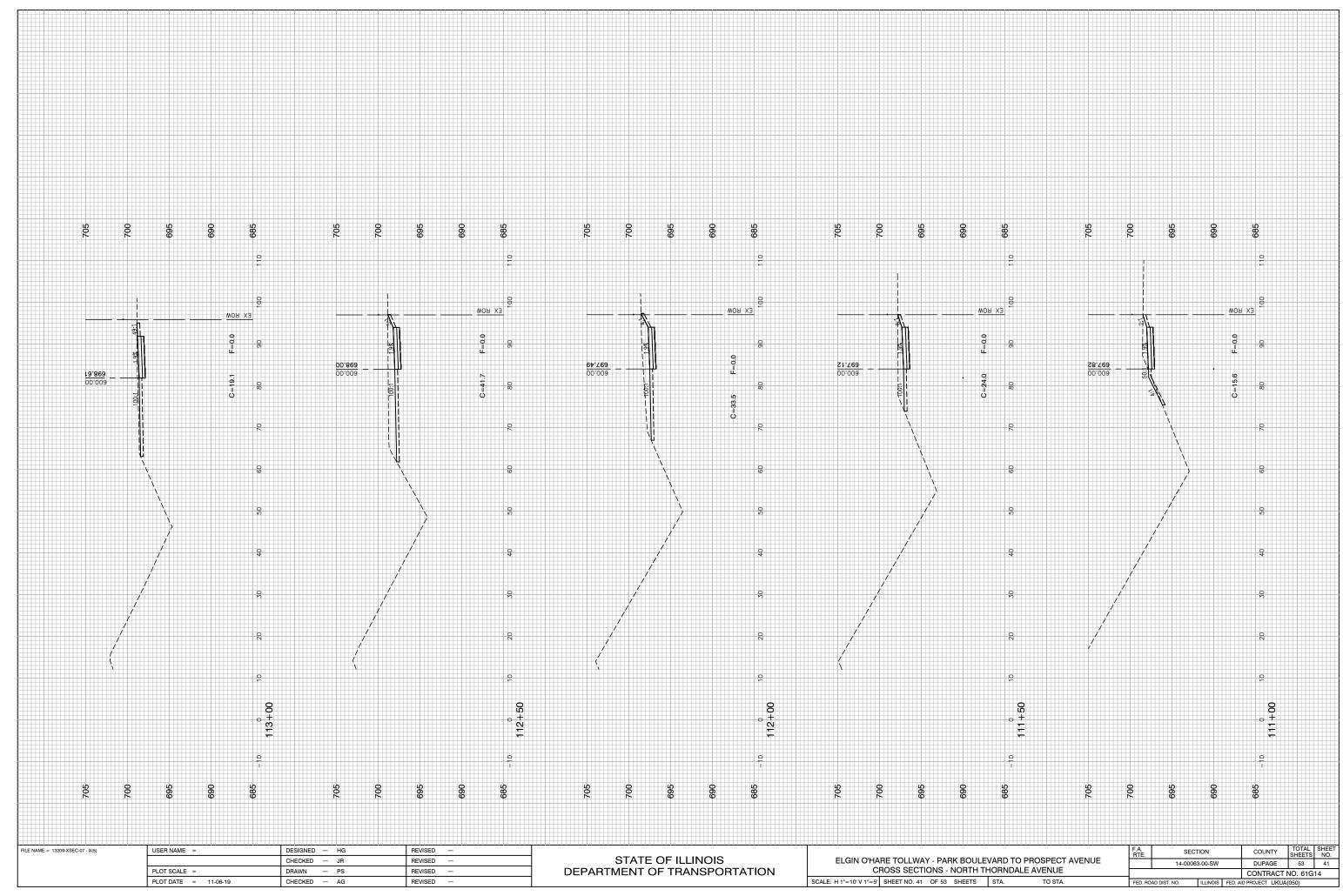




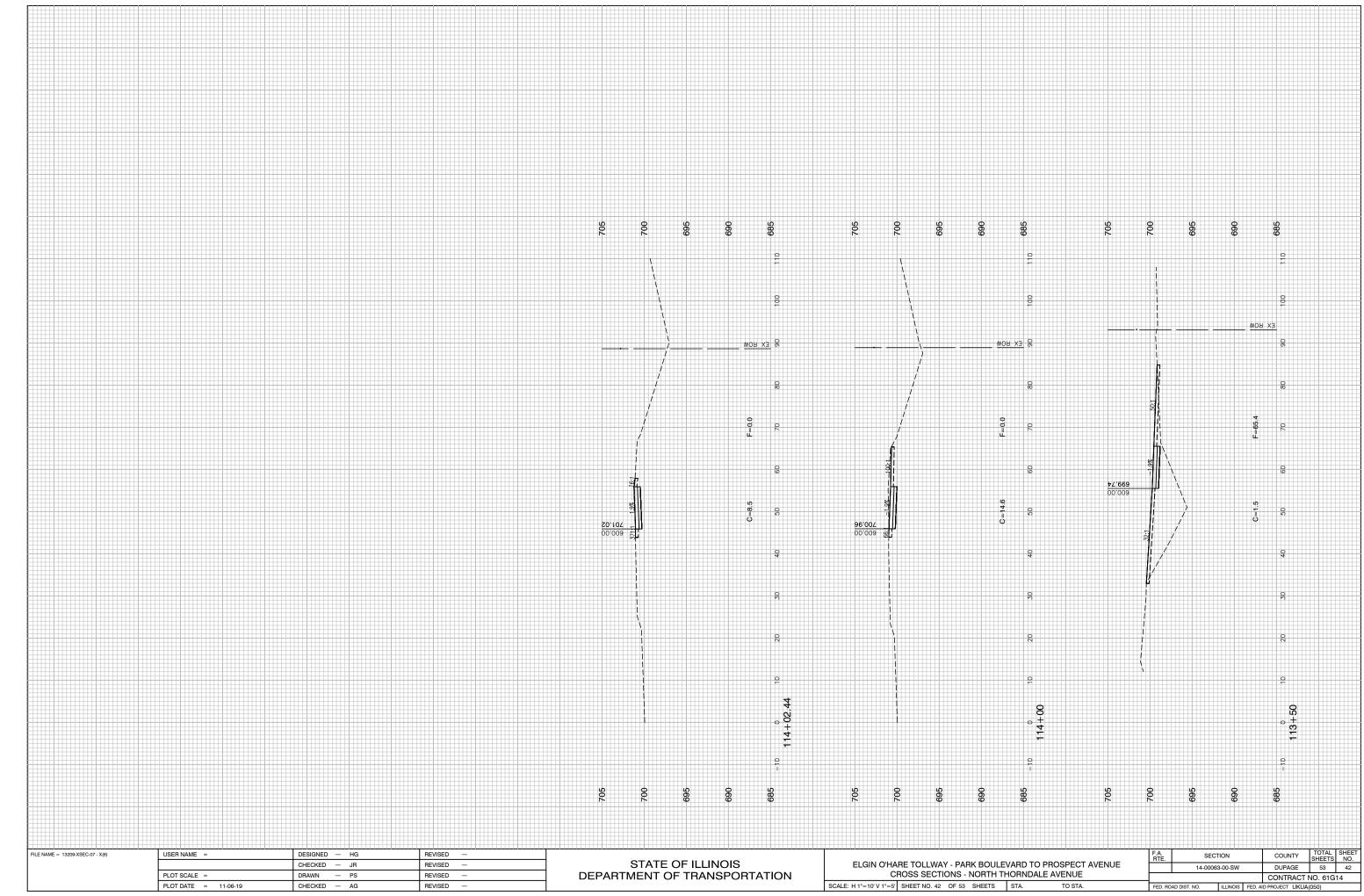
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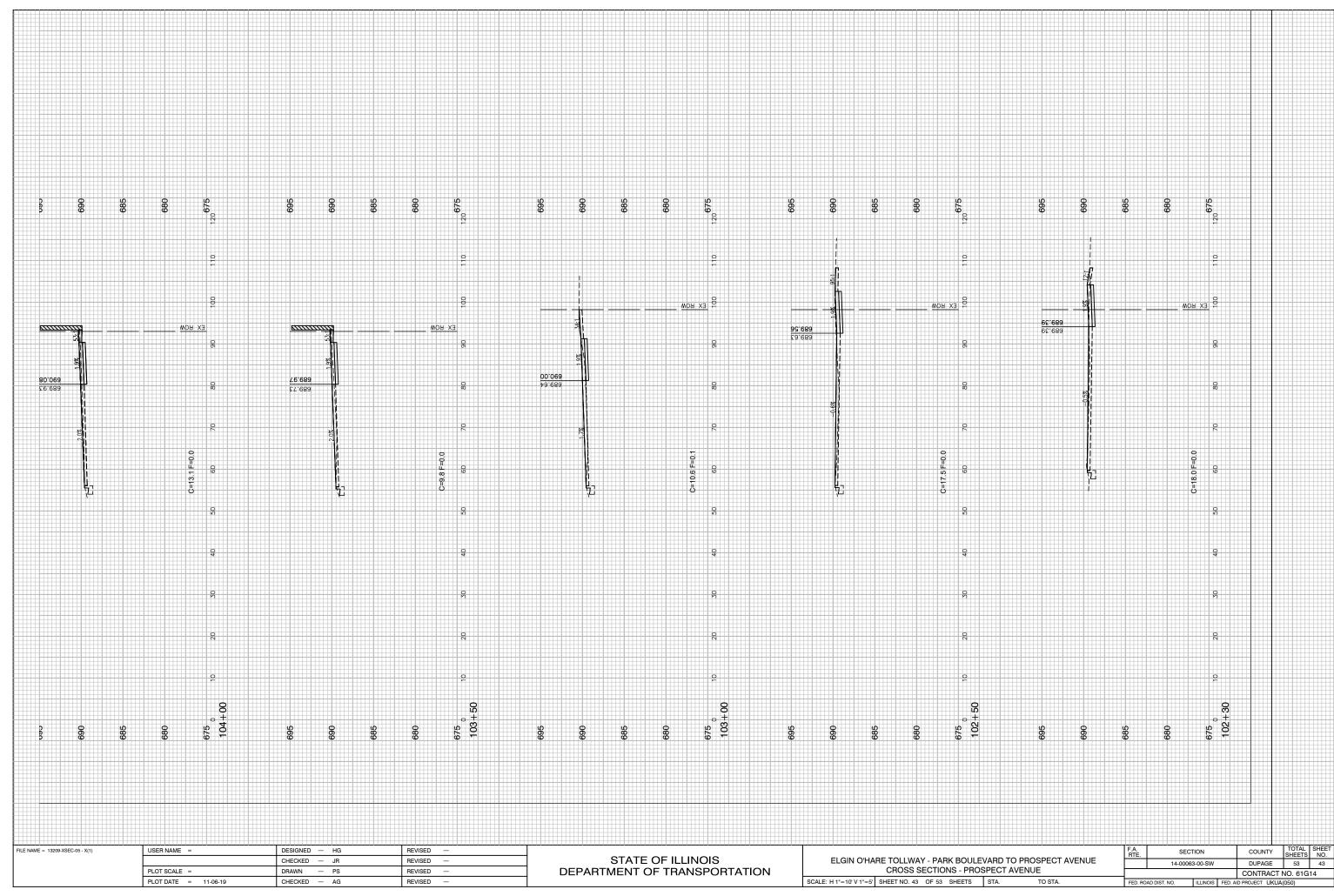
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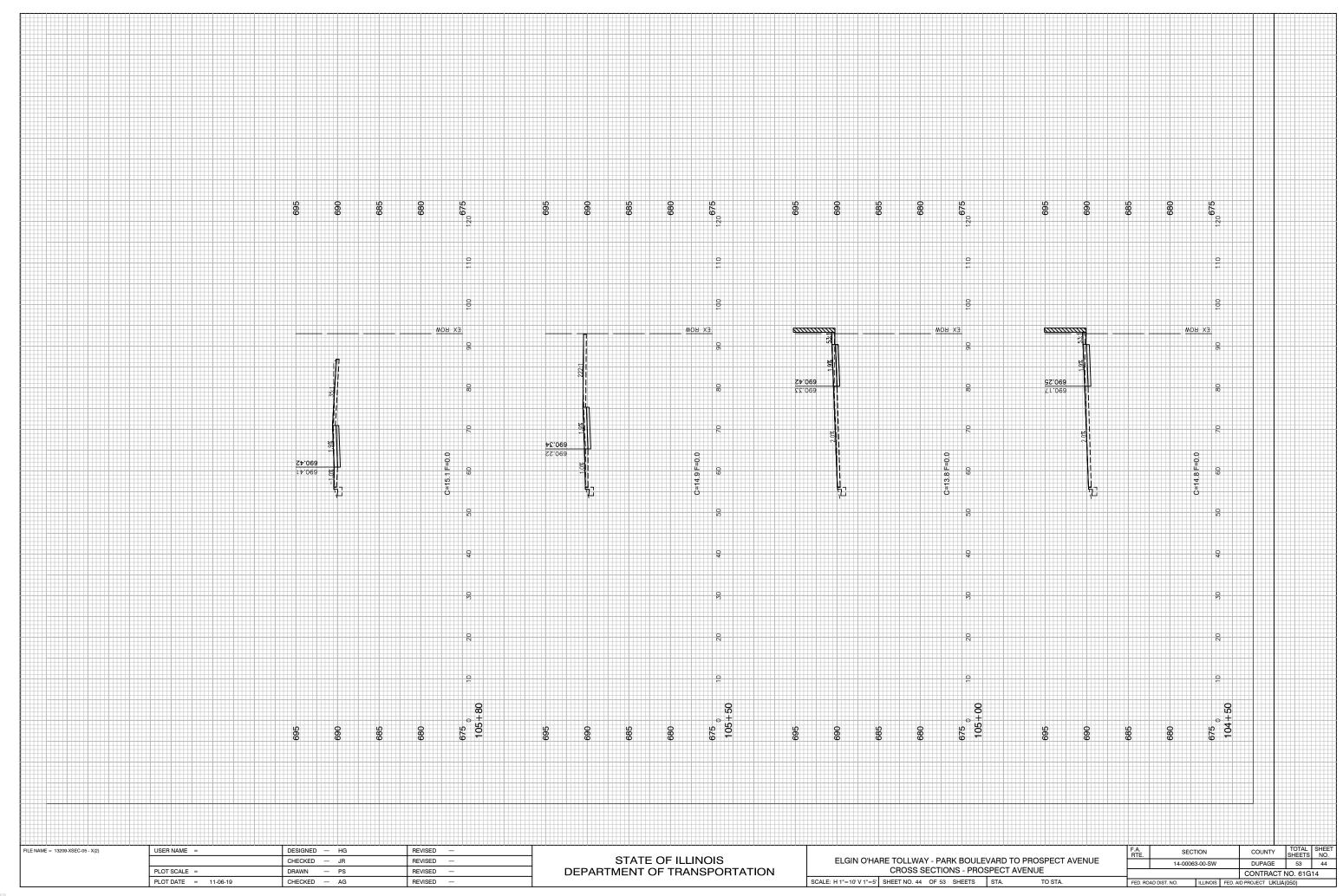


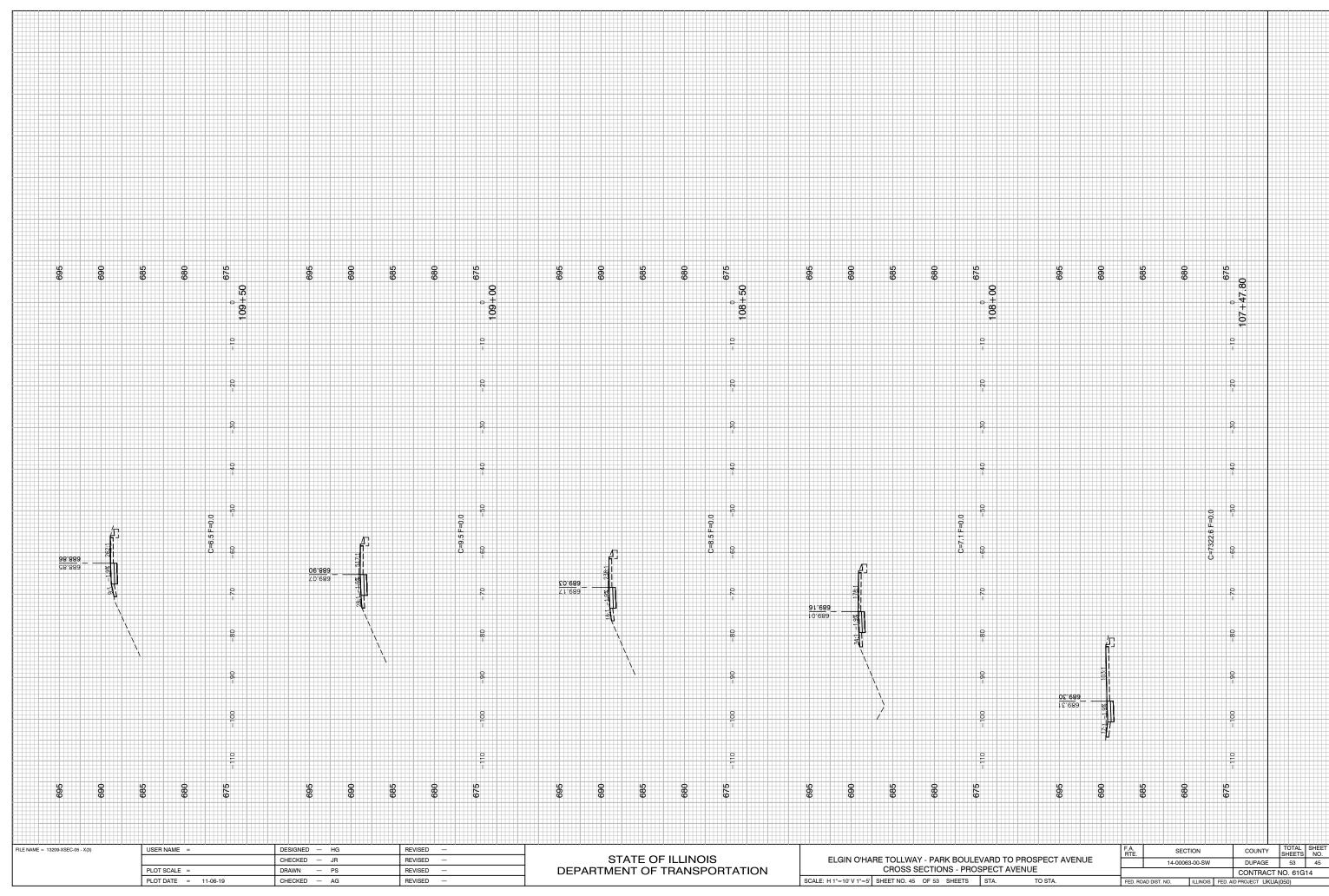
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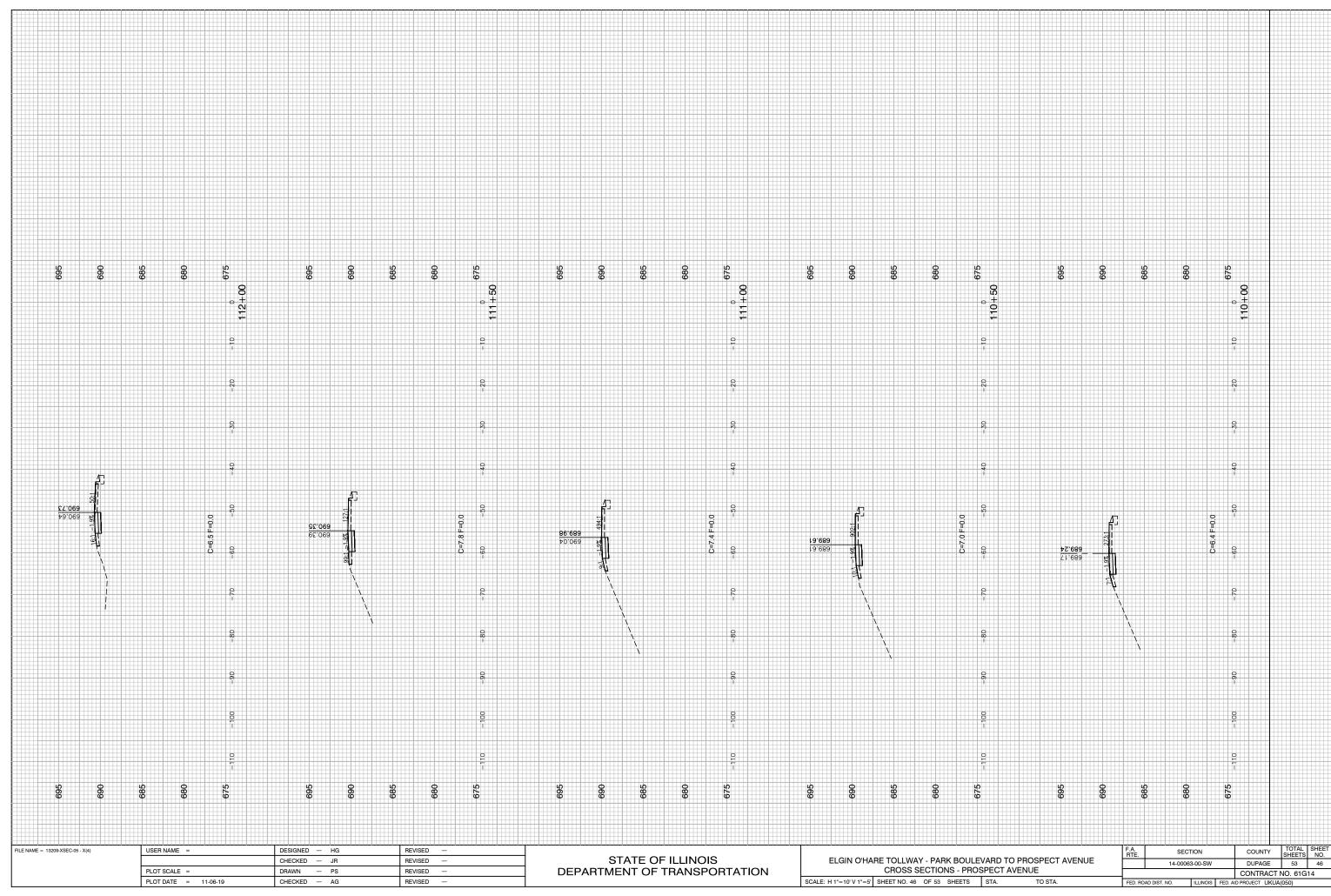


AST SAVED BY: KMUHR ON 11/6/19 LOTTED BY: RICHARD GONDEK ON 11

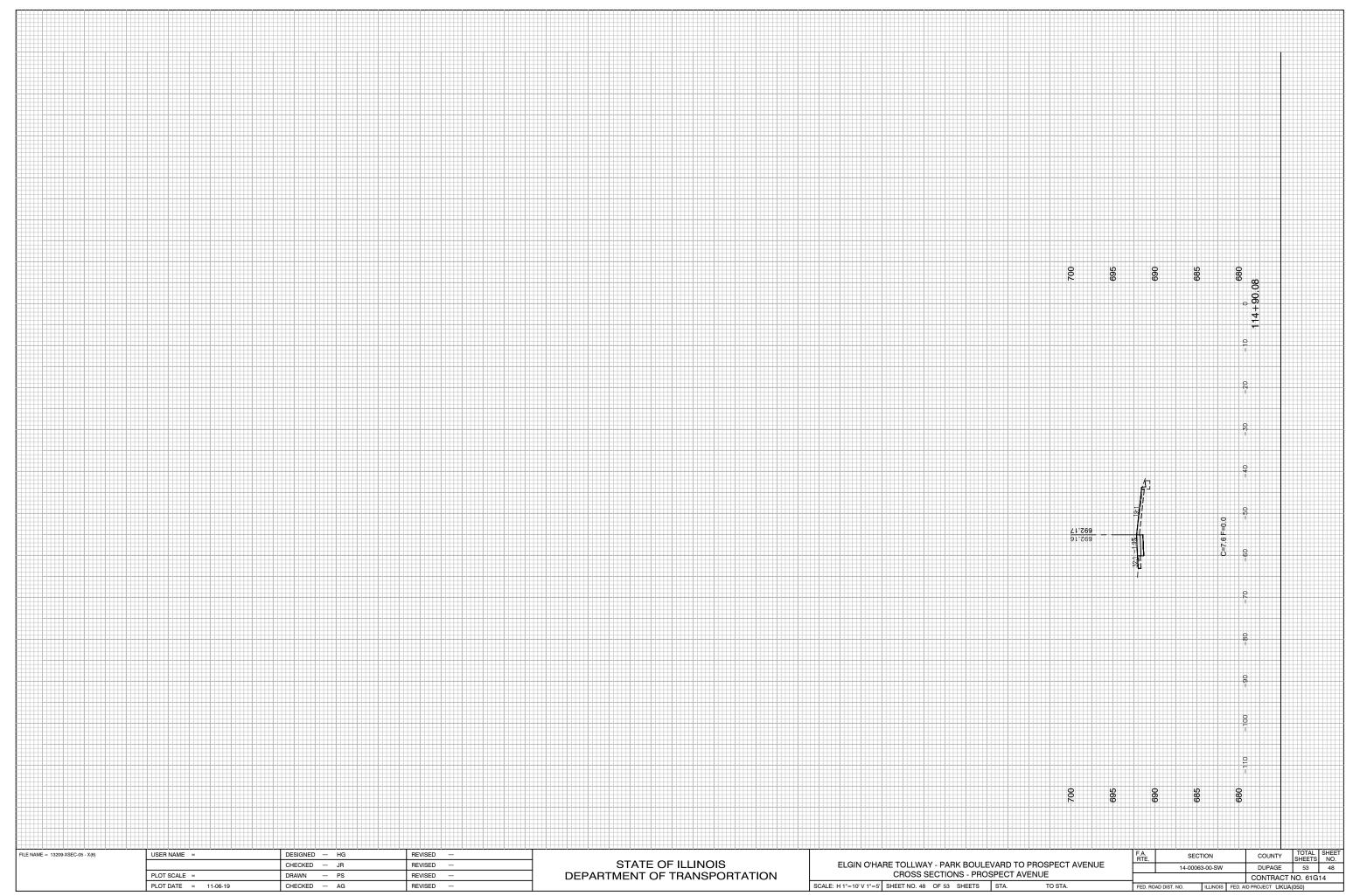


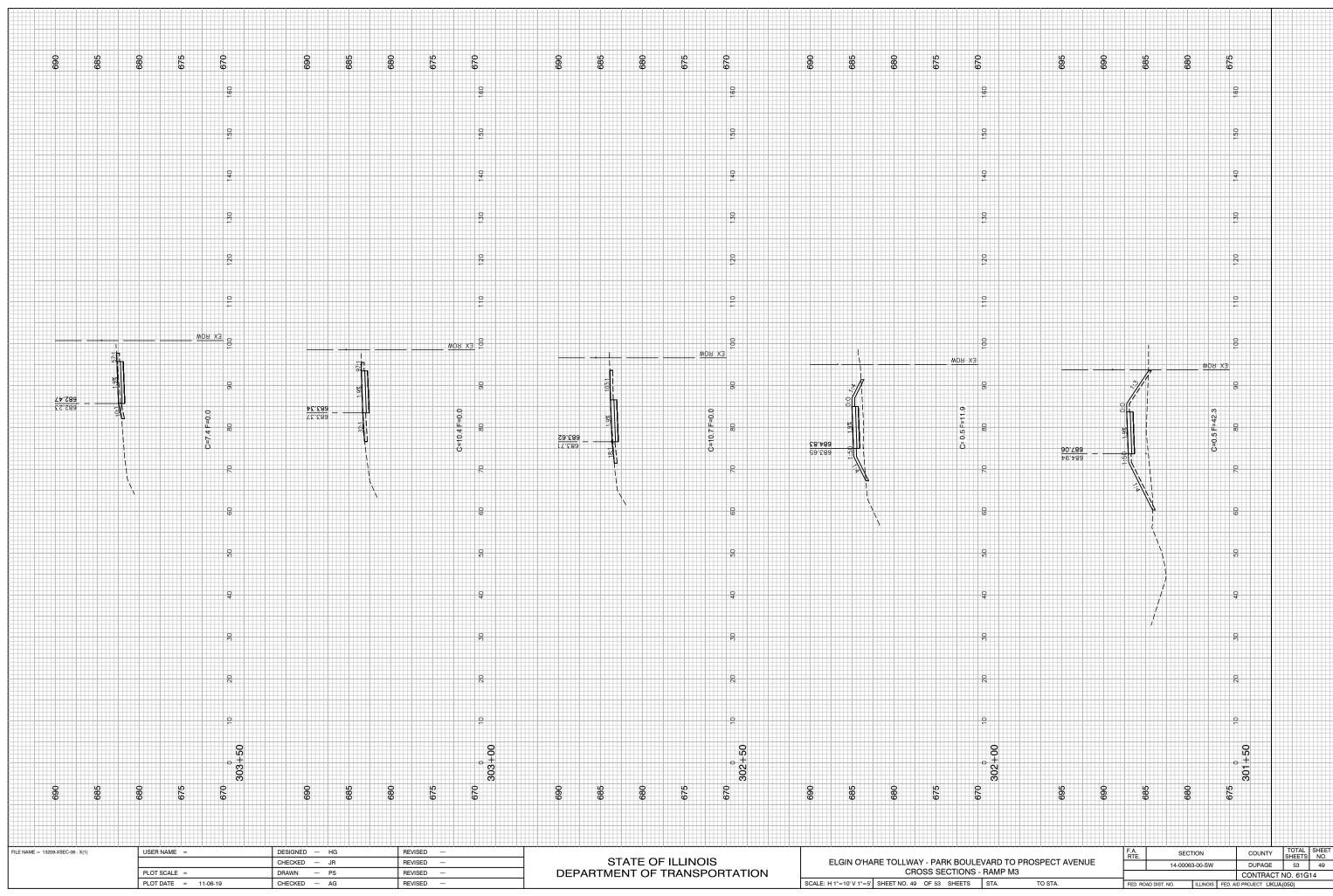




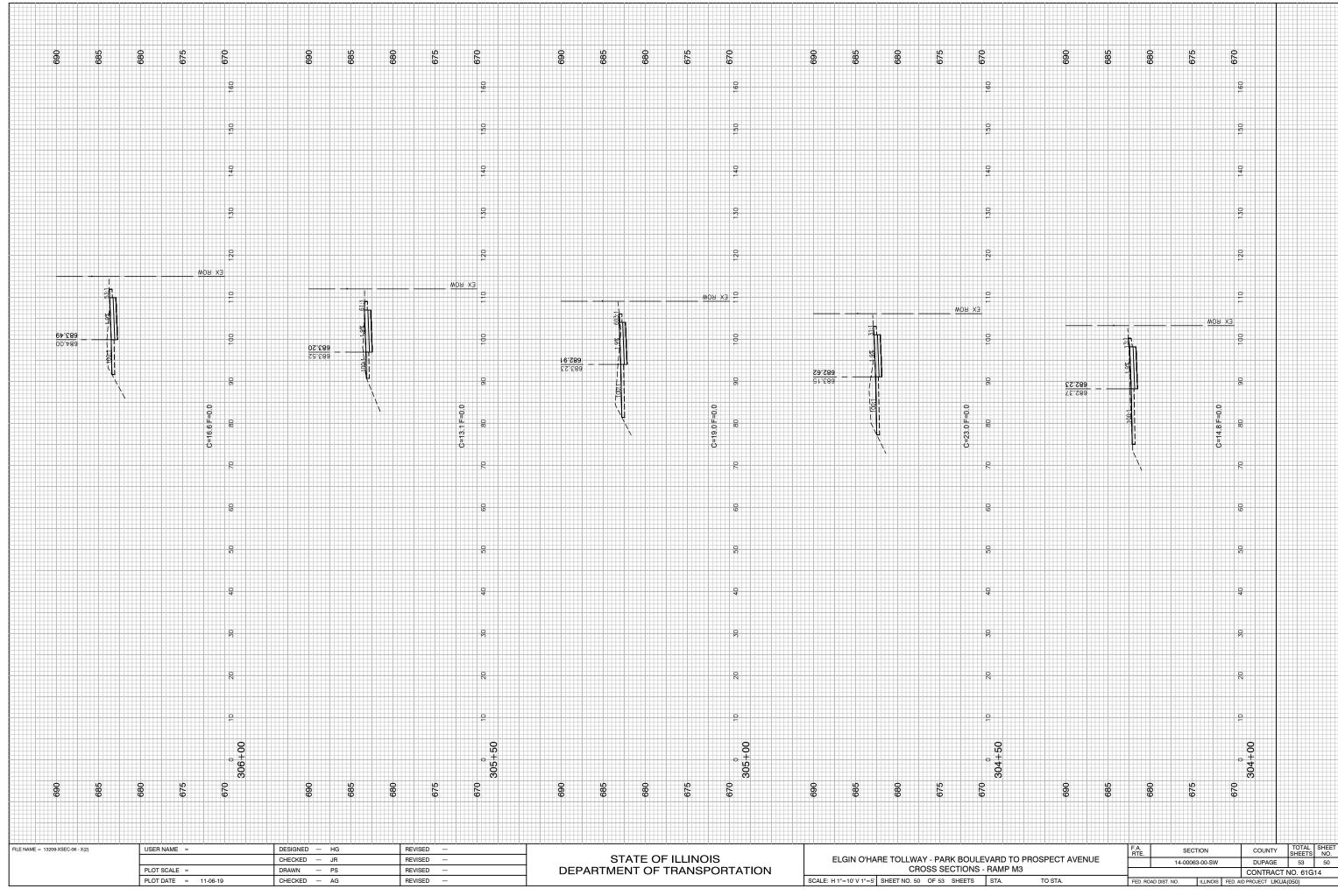


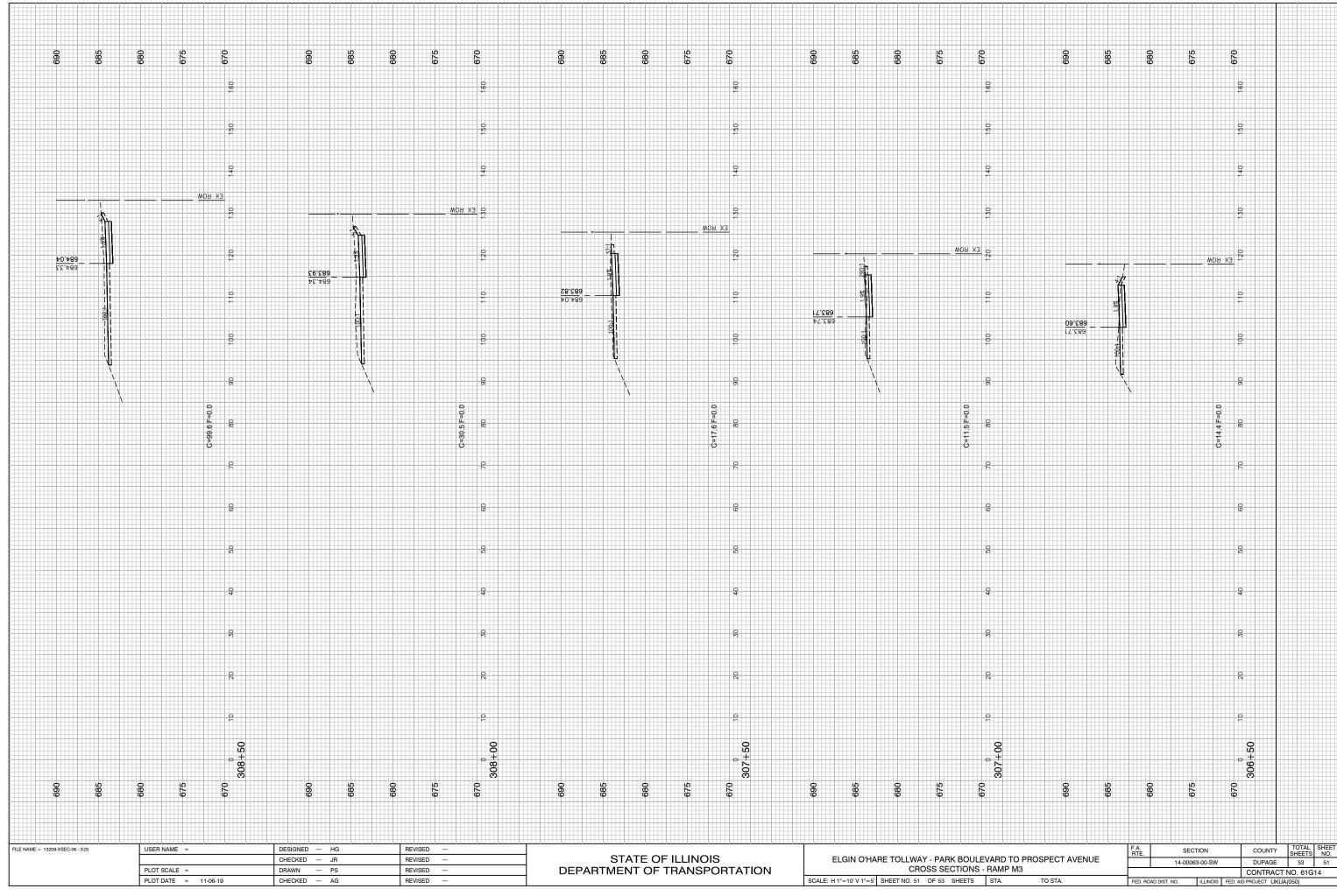
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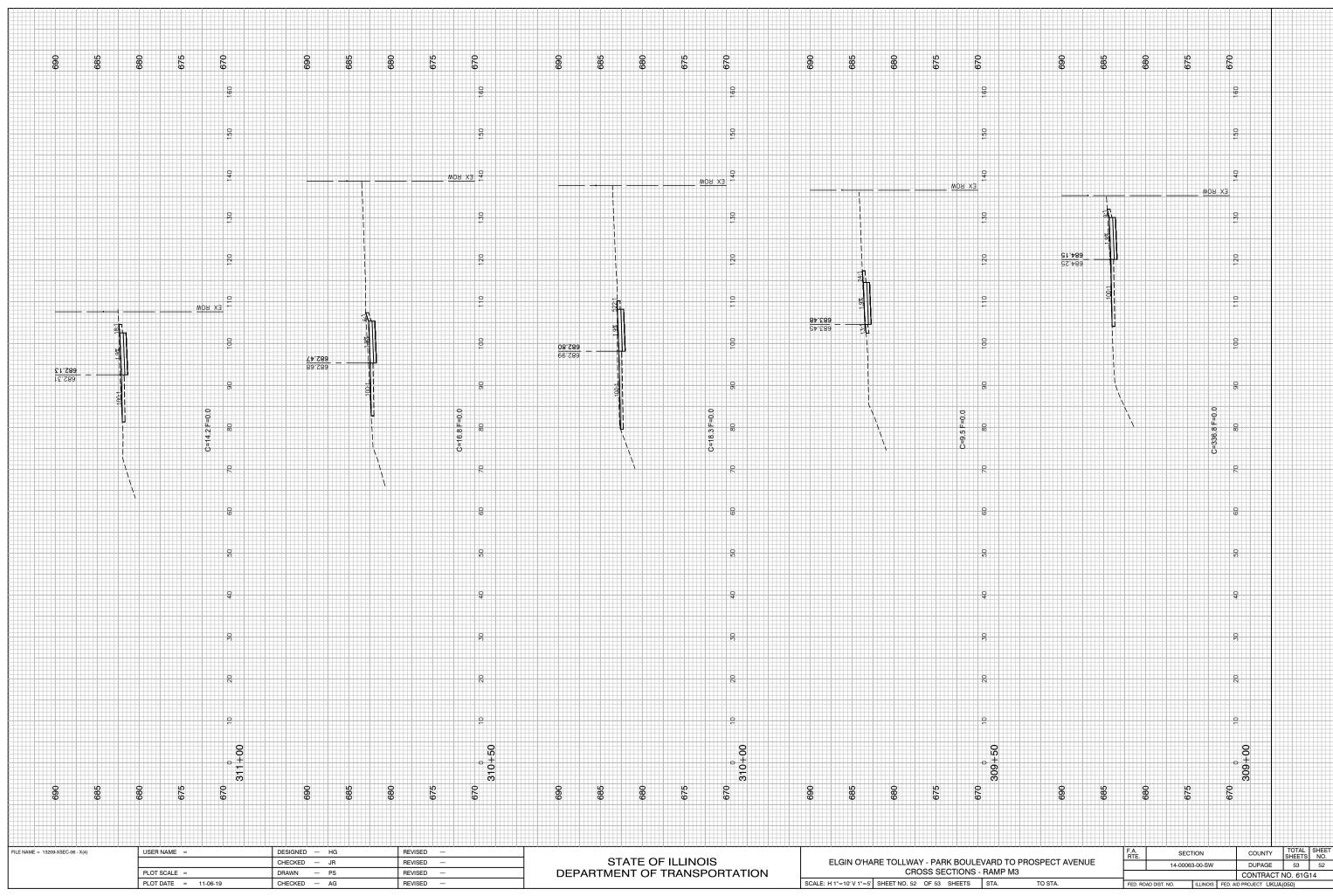




AST SAVED BY: KMUHR ON 10/4/19 LOTTED BY: RICHARD GONDEK ON 11/7/1







AST SAVED BY: KMUHR ON 10/4/19 LOTTED BY: RICHARD GONDEK ON 11/7/1

