

INDEX OF SHEETS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU ROUTE 1101 (SALEM DRIVE)
BODE ROAD TO IL ROUTE 58 (GOLF ROAD)
RECONSTRUCTION, DRAINAGE, PARKING, LIGHTING
SECTION 09-00099-00-PV
PROJECT M-4003(370)
VILLAGE OF SCHAUMBURG
COOK COUNTY
C-91-404-14

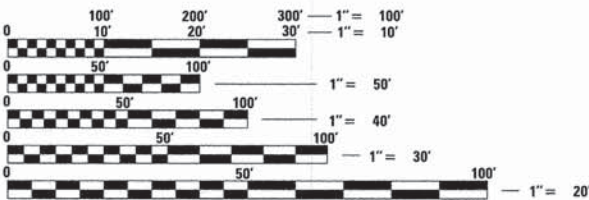
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 61A69	



LOCATION OF SECTION INDICATED THUS: -

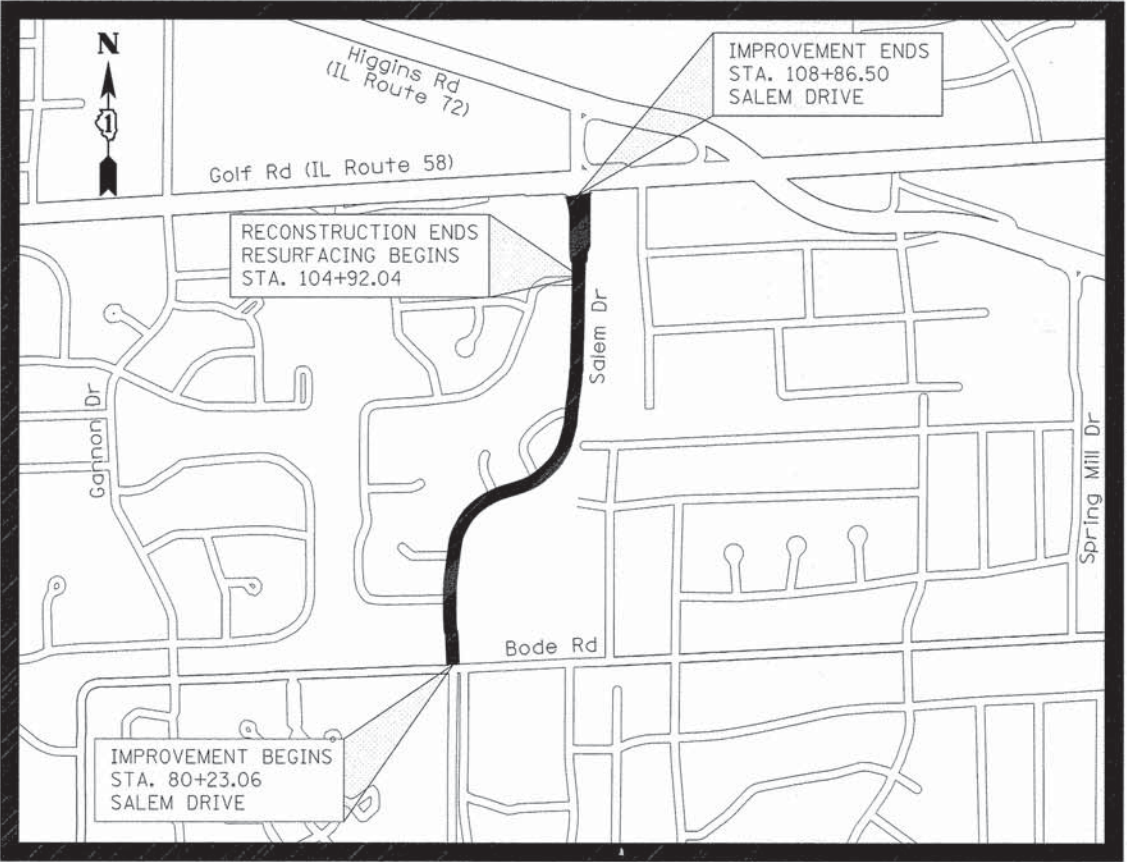
DESIGN SPEED: SALEM DRIVE - 30 MPH
POSTED SPEED: SALEM DRIVE - 25 MPH

DESIGN DESIGNATIONS:
SALEM DRIVE - MAJOR COLLECTOR
ADT = 7,500 (2009)
ADT = 8,000 (2040)



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



LOCATION MAP
NOT TO SCALE

PROJECT LENGTH (NET AND GROSS):
SALEM DRIVE - 2,863.44 FT. (0.542 MILE)

CONTRACT NO. 61A69

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	August 11, 2014
VILLAGE OF SCHAUMBURG DIRECTOR OF ENGINEERING AND PUBLIC WORKS	
PASSED	August 28, 2014
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	August 28, 2014
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER	



SIGNED: [Signature] EXPIRES 11-30-2015
DATE: 8/15/14

FOR DRAWINGS 1 TO 54, AND 68 TO 107



SIGNED: [Signature] EXPIRES 11-30-2015
DATE: 8/15/14 FOR DRAWINGS 55 TO 67



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1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2014; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JUNE 2014 SEVENTH EDITION "AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION"; THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
2. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
3. ALL UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
5. WHEN REMOVING CURB AND GUTTER, PAVEMENT OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO AVOID DAMAGE TO UNDERGROUND PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.
6. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE EITHER HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER. NO EXTRA COMPENSATION WILL BE ALLOWED THE CONTRACTOR FOR ANY EXPENSE INCURRED BY COMPLYING WITH THE REQUIREMENTS OF THIS NOTE.

1. THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, MEDIAN, SHOULDER, AND SIDEWALK AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK, INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE THICKNESS OF THE EXISTING PAVEMENT AND WHETHER OR NOT IT CONTAINS REINFORCEMENT.
3. HOT-MIX ASPHALT BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
4. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
5. THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE, BINDER, OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
6. ALL CURB AND GUTTER CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBARS FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER BEING CONSTRUCTED.
7. ALL SIDEWALK CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBARS WHICH EXTEND 5 FEET BEYOND THE TRENCH WALLS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE SIDEWALK BEING CONSTRUCTED.
8. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER, MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
8. THE MAXIMUM CROSS SLOPE AT ANY POINT IN THE TRAVERSABLE AREA OF THE SIDEWALK, INCLUDING THE AREAS THROUGH DRIVEWAYS, SHALL BE 2.00% ALL AREAS OF NEW SIDEWALK THAT EXCEED THIS MAXIMUM WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
9. ALL SAW CUTS REQUIRED FOR THE CONSTRUCTION OF CLASS D PATCHES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "CLASS D PATCHES" OF THE TYPE AND THICKNESS SPECIFIED.

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KRISTINE PROVENZANO
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ANA KUNZE
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OAKBROOK TERRACE, IL 60181
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TED WYMAN
688 INDUSTRIAL DRIVE
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LISLE, IL 60532
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1. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF THE UTMOST IMPORTANCE TO THE VILLAGE. ALL TREE PROTECTION, TREE REMOVAL, TREE PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
2. TEMPORARY FENCE SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WHEN DIRECTED BY THE ENGINEER. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

3. THE CONTRACTOR SHALL MARK ALL TREES TO BE REMOVED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER PRIOR TO THE START OF REMOVAL OPERATIONS. ALL TREES TO BE REMOVED SHALL BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL. THIS WORK SHALL BE INCLUDED IN THE COST OF "TREE REMOVAL" OF THE SIZE INDICATED.

1. AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN INCLUDED IN THE CONTRACT TO REPLACE SOILS WHICH TEND TO BE UNSUITABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
2. THE QUANTITIES OF FURNISHED EXCAVATION HAVE BEEN CALCULATED ASSUMING THAT ALL MATERIAL EXCAVATED UNDER THE PAY ITEM EARTH EXCAVATION WILL BE REMOVED FROM THE JOB SITE. IF THE CONTRACTOR EXCAVATES SUITABLE MATERIAL AND PLACES IT IN AREAS OF THE PROJECT REQUIRING EMBANKMENT UNDER THE PAY ITEM EARTH EXCAVATION, AS DESCRIBED IN SECTION 202 OF THE STANDARD SPECIFICATIONS AND AS APPROVED BY THE ENGINEER, THE APPLICABLE DEDUCTION TO THE FURNISHED EXCAVATION QUANTITY SHALL BE MADE AS DEFINED BY ARTICLE 204.07(B), EXCEPT THAT A SHRINKAGE FACTOR OF 15% SHALL BE USED. THE CONTRACTOR SHALL NOT BE ALLOWED A CHANGE IN THE UNIT PRICES FOR EARTH EXCAVATION OR FURNISHED EXCAVATION BASED ON THESE CHANGES TO THE QUANTITIES. THE VOLUMES OF FURNISHED EXCAVATION SHOWN ON THE PLANS ARE THE COMPACTED VOLUMES. THE VOLUMES SHOWN ON THE PLANS HAVE NOT BEEN ADJUSTED TO ACCOUNT FOR SHRINKAGE DUE TO COMPACTION.

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY.
2. COORDINATION OF ANY UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
4. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE STORM SEWERS AND DRAINAGE STRUCTURES INSTALLED AS PART OF THIS PROJECT.
5. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST.
6. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
7. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS. THE COST TO COMPLY WITH THE ABOVE SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS, DRAINAGE STRUCTURES, VALVE VAULTS, WATERMAIN, AND FIRE HYDRANTS INSTALLED AS PART OF THIS PROJECT.

FILE NAME =	USER NAME = djk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SALEM DRIVE GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JAT	REVISED -					1101	09-00099-00-PV	COOK	107	2
	PLOT SCALE = 50.0000' / in.	CHECKED - DJK	REVISED -		CONTRACT NO. 61A69							
	PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	ILLINOIS FED. AID PROJECT M-400(3/370)					

PLAN	SURVEYED DATE BY NOTE BOOK NO.	FACILITY ALIGNED RT. OF WAY CADD FILE NAME	DATE	BY

STORM & SANITARY SEWER

1.

THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
2.

UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS.

DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.
3.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS AND DRAINAGE STRUCTURES INSTALLED AS PART OF THIS PROJECT.
4.

THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
5.

TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.

6.

DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE LANE. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
7.

ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
8.

THE REMOVAL OF END SECTIONS SHALL BE PAID FOR PER FOOT AS "STORM SEWER REMOVAL" OF THE DIAMETER INDICATED.
9.

ONLY METHOD 1 UNDER ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS SHALL BE ALLOWED FOR THE PLACEMENT OF TRENCH BACKFILL.
10.

THE CONTRACTOR SHALL BE AWARE THAT AT TIMES THE ENGINEER MAY REQUIRE A CHANGE IN STORM SEWER ELEVATION DUE TO A UTILITY LINE OR OTHER OBSTRUCTION. IF SUCH A GRADE CHANGE DOES NOT ALTER THE PIPE CLASSIFICATION, THE ADDITIONAL EXCAVATION OR SHEETING REQUIRED SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING INSTALLED. IF THE REVISED GRADE RESULTS IN A CHANGE IN PIPE CLASSIFICATION, PAYMENT WILL BE MADE FOR THE REVISED TYPE OF STORM SEWER.
11.

ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH CONCRETE BRICKS AND NON-SHRINK MORTAR FOR A LENGTH OF 2' MEASURED FROM THE END OF THE PIPE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM OR SANITARY SEWER ITEMS BEING REMOVED.

LANDSCAPING

1.

WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER.
2.

THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

STAKING

1.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3.

THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
4.

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
5.

ESTIMATED LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT HAVE BEEN SHOWN ON THE PLANS. THE ENGINEER WILL DETERMINE THE EXACT LIMITS IN THE FIELD DURING CONSTRUCTION.
6.

THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

EROSION CONTROL

1.

ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.
2.

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
3.

THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
4.

ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
5.

ALL SLOPES SHALL BE COVERED WITH SOD AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED. THE LIMITS OF THE SOD SHALL BE THE LIMITS OF GRADING.
6.

INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER AND SHOULDERS. INLET AND PIPE PROTECTION SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN LANDSCAPED AREAS.
7.

THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
8.

SEE STANDARD 280001-07 FOR ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DETAILS AND REQUIREMENTS.
9.

WHEN A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES MEETING THE APPROVAL OF THE ENGINEER SHALL BE PROVIDED. THIS WORK SHALL BE PAID FOR AT THE UNIT PRICE FOR THE INDIVIDUAL ITEMS USED.
10.

THE SURFACE OF ALL STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION WITH THE USE OF TEMPORARY EROSION CONTROL SEEDING. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.

MISCELLANEOUS

1.

SITE OBJECTS: REMOVAL OF MISCELLANEOUS PARKWAY IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BLOCK RETAINING WALLS, CONCRETE RETAINING WALLS, LANDSCAPE TIMBERS, LANDSCAPE ROCKS, FENCES, FENCE POSTS, PLANTERS, VEGETATION, BRICK OR BRICK PAVER WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION." THE CONTRACTOR SHALL CONTACT THE OWNER OF THE ITEMS TO DETERMINE IF SUCH ITEMS SHALL BE RETURNED TO THE PROPERTY OWNER, STOCKPILED FOR RE-USE, OR DISPOSED OF PROPERLY.
2.

UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
3.

THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT.
4.

THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

PROFILE	SURVEYED DATE BY NOTE BOOK NO.	FACILITY GRADES B.M. NOTED STRUCTURE NOTATIONS CHKD	DATE	BY

FILE NAME = ...\\2787_Notes.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	3
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

SCALE: SHEET NO. 2 OF 2 SHEETS

USER NAME = djc	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

PLAN

SURVEYED
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CHECKED
BY: OF WAY CHECKED
CADD FILE NAME

DATE

BY

PROFILE

SURVEYED
PLOTTED
CHECKED
BY: NOTED
STRUCTURE NOTATIONS CHND

DATE

BY

FILE NAME = ...X2787.S00.dgn

X DENOTES SPECIALTY ITEM

SPECIAL PROVISION	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
						0004	0021	0021	0031	
						RECONSTRUCTION, NO CAPACITY ADDED	SAFETY (SW / BP)	SAFETY (LIGHTING)	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION	NON-PARTICIPATING
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	177	177				
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16				
		20101000	TEMPORARY FENCE	FOOT	920	920				
		20101100	TREE TRUNK PROTECTION	EACH	23	23				
	X	20101200	TREE ROOT PRUNING	EACH	23	23				
	X	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	18	18				
	X	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5				
		20200100	EARTH EXCAVATION	CU YD	4252	4252				
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	600	600				
		20400800	FURNISHED EXCAVATION	CU YD	1727	1727				
		20800150	TRENCH BACKFILL	CU YD	805	805				
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2000	2000				
	X	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7573				7573	
X	X	21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	89				89	
	X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	94				94	
	X	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	94				94	
	X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	94				94	
X	X	25200110	SODDING, SALT TOLERANT	SQ YD	7573				7573	
X	X	25200200	SUPPLEMENTAL WATERING	UNIT	116				116	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	156	156				
		28000305	TEMPORARY DITCH CHECKS	FOOT	35	35				
		28000400	PERIMETER EROSION BARRIER	FOOT	1107	1107				
		28000510	INLET FILTERS	EACH	79	79				
X		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	600	600				
X		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	11064	11064				
		31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	3650	679	2971			
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	363	363				
		31101500	SUBBASE GRANULAR MATERIAL, TYPE B 7"	SQ YD	608	608				
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	1	1				
		40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	97	97				
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	48	48				
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	194	194				
		40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SQ YD	9586	9586				
		42001200	PAVEMENT FABRIC	SQ YD	608	608				
		42001300	PROTECTIVE COAT	SQ YD	5851	2880	2971			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SUMMARY OF QUANTITIES

SHEET NO. 1 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	4
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRABED		
	NOTED		
	NO.		

FILE NAME = ...A2787.SDD.dgn

X DENOTES SPECIALTY ITEM

SPECIAL	PROVISION	SPECIALTY	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
						0004	0021	0021	0031	
			42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	608				
			42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	25585		25585		
			42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1156		1156		
X			42400800	DETECTABLE WARNINGS	SQ FT	280		280		
			44000100	PAVEMENT REMOVAL	SQ YD	10956	10956			
			44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	2310	2310			
			44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	564	564			
			44000300	CURB REMOVAL	FOOT	50	50			
			44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5540	5540			
			44000600	SIDEWALK REMOVAL	SQ FT	17877	17877			
			44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	186	186			
			44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	62	62			
			44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	66	66			
			45100100	CRACK ROUTING (PAVEMENT)	FOOT	3100	3100			
			550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	90	90			
			550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	118	118			
			550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	86	86			
			550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	55	55			
			550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1322	1322			
			550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	583	583			
			550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	190	190			
			550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	59	59			
			550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	16	16			
			55100300	STORM SEWER REMOVAL 8"	FOOT	75	75			
			55100500	STORM SEWER REMOVAL 12"	FOOT	225	225			
			55100700	STORM SEWER REMOVAL 15"	FOOT	263	263			
			55100900	STORM SEWER REMOVAL 18"	FOOT	344	344			
			55101100	STORM SEWER REMOVAL 21"	FOOT	64	64			
			55101200	STORM SEWER REMOVAL 24"	FOOT	46	46			
			55101800	STORM SEWER REMOVAL 42"	FOOT	22	22			
			55101900	STORM SEWER REMOVAL 48"	FOOT	88	88			
X	X		56103000	DUCTILE IRON WATER MAIN 6"	FOOT	51	51			
X	X		56106300	ADJUSTING WATER MAIN 6"	FOOT	50	50			
X	X		56106400	ADJUSTING WATER MAIN 8"	FOOT	50	50			
X	X		56106600	ADJUSTING WATER MAIN 12"	FOOT	50	50			
X	X		56400500	FIRE HYDRANTS TO BE REMOVED	EACH	8	8			

USER NAME = jst	DESIGNED - JAT	REVISED -
PLOT SCALE = 28.0000' / 1in	DRAWN - JAT	REVISED -
PLOT DATE 9/3/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SUMMARY OF QUANTITIES

SHEET NO. 2 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	5
CONTRACT NO. 61A69				
[ILLINOIS] FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO.		

FILE NAME = ...A2787.500.dgn

X DENOTES SPECIALTY ITEM

SPECIAL PROVISION	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
						0004	0021	0021	0031	
						RECONSTRUCTION, NO CAPACITY ADDED	SAFETY (SW / BP)	SAFETY (LIGHTING)	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION	NON-PARTICIPATING
X	X	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8	8				
		60107600	PIPE UNDERDRAINS 4"	FOOT	518	518				
		60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	2	2				
		60205030	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1				
		60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	3				
		60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	2	2				
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
		60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4				
X		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	9	9				
X		60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1				
		60500040	REMOVING MANHOLES	EACH	5	5				
		60500050	REMOVING CATCH BASINS	EACH	1	1				
		60500060	REMOVING INLETS	EACH	9	9				
		60600605	CONCRETE CURB, TYPE B	FOOT	50	50				
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5631	5631				
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	950	950				
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12				
		67100100	MOBILIZATION	L SUM	1	1				
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12	12				
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	505	505				
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6130	6130				
		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	178	178				
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3052	3052				
X		72000100	SIGN PANEL - TYPE 1	SQ FT	239	239				
X		72000200	SIGN PANEL - TYPE 2	SQ FT	12	12				
X		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	40	40				
X		72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2				
X		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	49	49				
X		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	440	440				
X		72900100	METAL POST - TYPE A	FOOT	104	104				
X		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	426	426				
X		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11458	11458				
X		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1441	1441				
X		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	182	182				

USER NAME = jst	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 28.0000' / 1" =	CHECKED - DJK	REVISED -
PLOT DATE 9/3/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SUMMARY OF QUANTITIES

SHEET NO. 3 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	6
CONTRACT NO. 61A69				
[ILLINOIS] FED. AID PROJECT M-4003(370)				

PLAN

DATE

BY

SURVEYED

ALIGNED

CHECKED

NO.

NOTE BOOK

FILE NAME

PROFILE

DATE

BY

SURVEYED

GRADES

CHECKED

NO.

NOTE BOOK

STRUCTURE NOTATIONS

FILE NAME = ...2787 500.dgn

X DENOTES SPECIALTY ITEM

SPECIAL PROVISION	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
						0004	0021	0021	0031	
						RECONSTRUCTION, NO CAPACITY ADDED	SAFETY (SW / BP)	SAFETY (LIGHTING)	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION	NON-PARTICIPATING
	X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	161	161				
	X	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	109	109				
	X	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	208	208				
	X	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	292	292				
	X	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	31	31				
	X	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	40	40				
	X	78300100	PAVEMENT MARKING REMOVAL	SQ FT	2000	2000				
X	X	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1		
X	X	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1		
	X	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	35			35		
	X	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	695			695		
	X	81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	5077			5077		
	X	81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	45			45		
X	X	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1			1		
	X	83006500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12. FT. MAST ARM	EACH	20			20		
	X	83008500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12. FT. MAST ARM	EACH	3			3		
	X	83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" x 6'	EACH	20			20		
	X	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" x 6'	EACH	3			3		
	X	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	20			20		
	X	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	3			3		
X	X	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	11			11		
	X	84200804	REMOVAL OF POLE FOUNDATION	EACH	11			11		
	X	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	7			7		
X	X	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	700			700		
X	X	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10				10	
X	X	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9				9	
X	X	A2004520	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7				7	
X	X	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5				5	
X	X	A2006820	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5				5	
X	X	A2008517	TREE, ULMUS JAPONICA X WILSONIANA MORTON (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5				5	
X	X	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	3				3	
X	X	K1005481	SHREDDED BARK MULCH 3"	SQ YD	140				140	
X	X	X0323449	REMOVE EXISTING WATER VALVE	EACH	1					1

USER NAME = jot	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 9/3/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SUMMARY OF QUANTITIES

SHEET NO. 4 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	7
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN

SURVEYED
ALIGNMENT CHECKED
BY: OF MAY CHECKED
NO. 000 FILE NAME

DATE

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PROFILE

SURVEYED
GRADES CHECKED
BLM. NOTED
STRUCTURE NOTATIONS CHECKED

DATE

BY

FILE NAME = ..\2787-500.dgn

X DENOTES SPECIALTY ITEM
O DENOTES CONSTRUCTION CODE 0042

SPECIAL PROVISION	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
						0004	0021	0021	0031	
						RECONSTRUCTION, NO CAPACITY ADDED	SAFETY (SW / BP)	SAFETY (LIGHTING)	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION	NON-PARTICIPATING
X	X	X0327579	GATE VALVE 12" WITH VAULT, 4' DIAMETER	EACH	1					1
X		X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	350	300		50		
X		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3	3				
X		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8				
X		X4023000	TEMPORARY ACCESS (ROAD)	EACH	7	7				
X		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	27440	27440				
X		X4230700	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH, SPECIAL	SQ YD	95	95				
X		X4230800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	SQ YD	478	478				
X	X	X5610012	CAP EXISTING WATER MAIN	EACH	1					1
X		X6020290	MANHOLES, TYPE A, 7'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2	2				
X		X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	21	21				
X		X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	4	4				
X		X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	6	6				
X		X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	1	1				
X	X	X6026622	VALVE VAULTS TO BE REMOVED	EACH	1					1
X		X6029510	CATCH BASINS, TYPE C, WITH SPECIAL FRAME AND GRATE	EACH	11	11				
X		X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1	1				
X		X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	519	519				
X		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X	X	X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	1664	1664				
X	X	X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	50	50				
X	X	X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36			36		
X	X	XX007558	GATE VALVE 6" WITH VAULT, 4' DIAMETER	EACH	1					1
X	X	XX007797	LUMINAIRE (SPECIAL)	EACH	23			23		
X		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
X		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	109	109				
X	X	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	9			9		
X		Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	307	307				
X		Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	7	7				
X	O	Z0076600	TRAINEES	HOOR	500	500				
X	O	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	500	500				

USER NAME = jct	DESIGNED - JAT	REVISED -
PLOT SCALE = 20.0000' / 1" = 1'	DRAWN - JAT	REVISED -
PLOT DATE = 9/3/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SUMMARY OF QUANTITIES

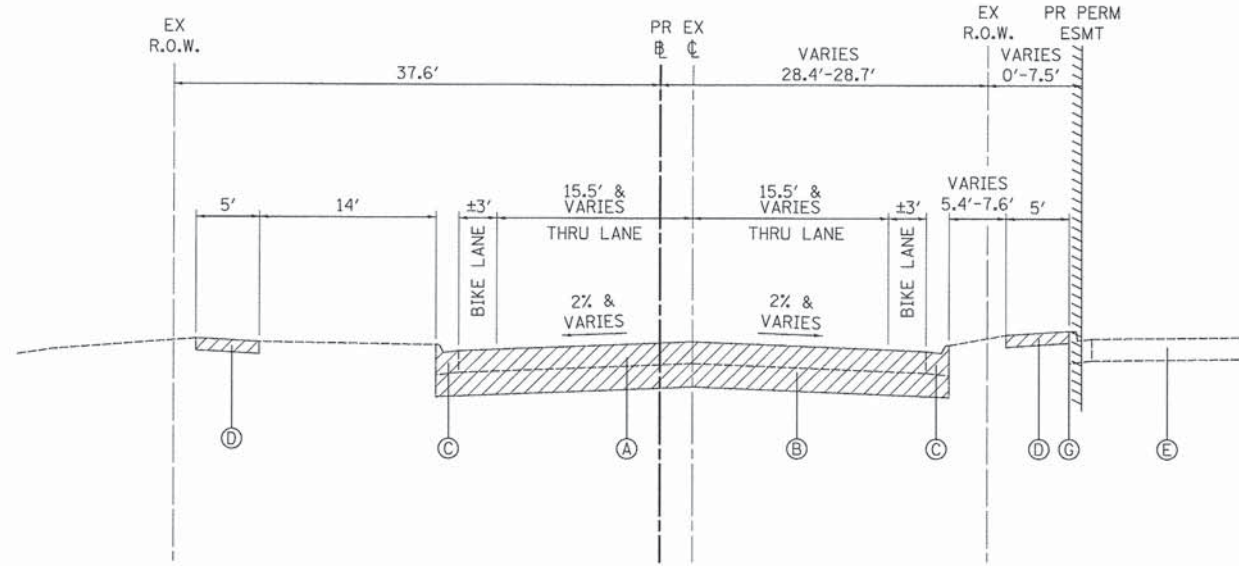
SHEET NO. 5 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	8
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

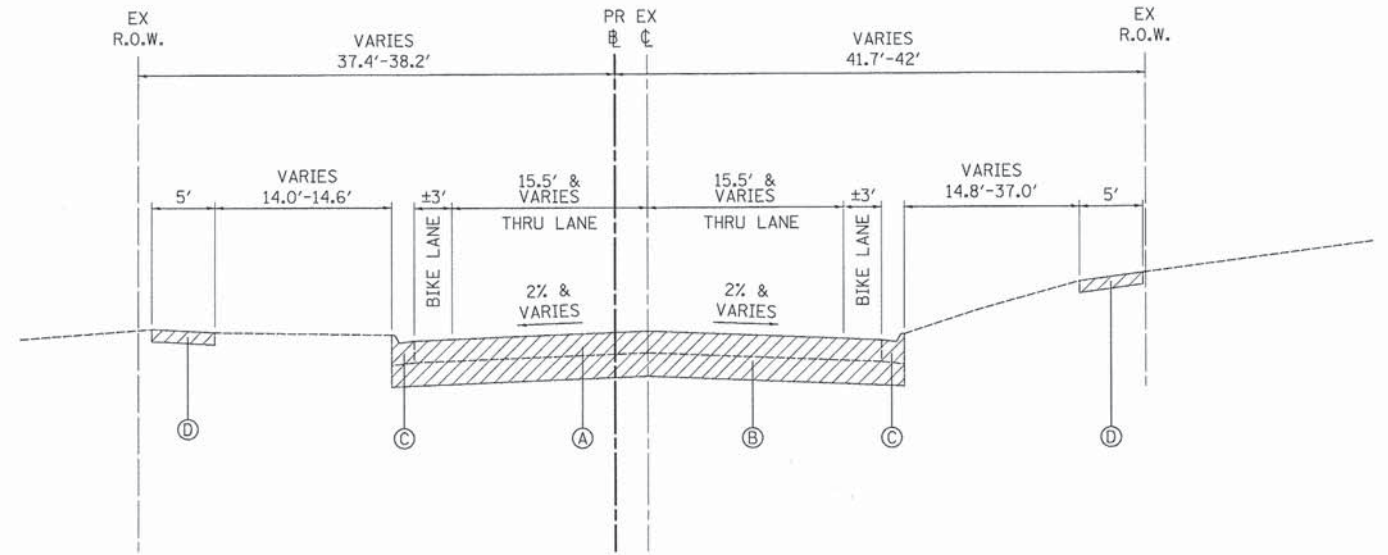
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SURVEYED				
DESIGNED				
CHECKED				
RT. OF WAY CHECKED				
FILE NAME				
NO.				

PROFILE	DATE	BY	DATE	BY
SURVEYED				
DESIGNED				
CHECKED				
GRADES CHECKED				
BLM. NOTED				
STRUCTURE NOTATIONS CHKD				
NO.				

FILE NAME = ...27872.Typical.Ex.01.dgn



EXISTING TYPICAL SECTION
SALEM DRIVE
STATION 80+23.06 TO STATION 81+97.54

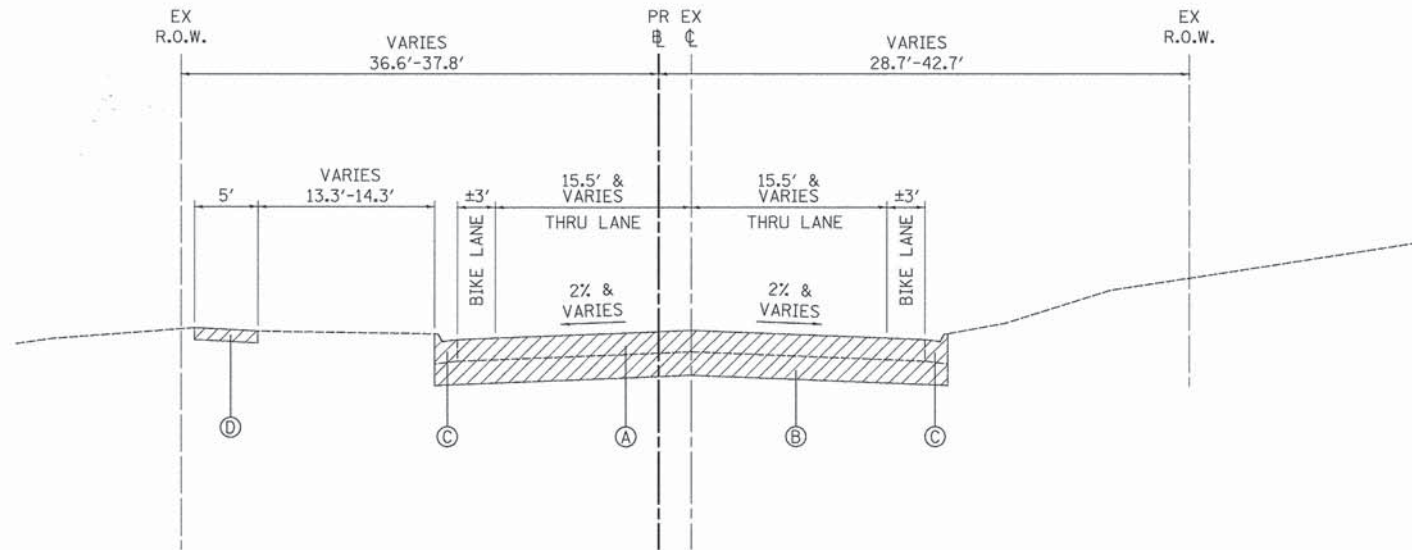


EXISTING TYPICAL SECTION
SALEM DRIVE
STATION 95+55.00 TO STATION 104+92.04

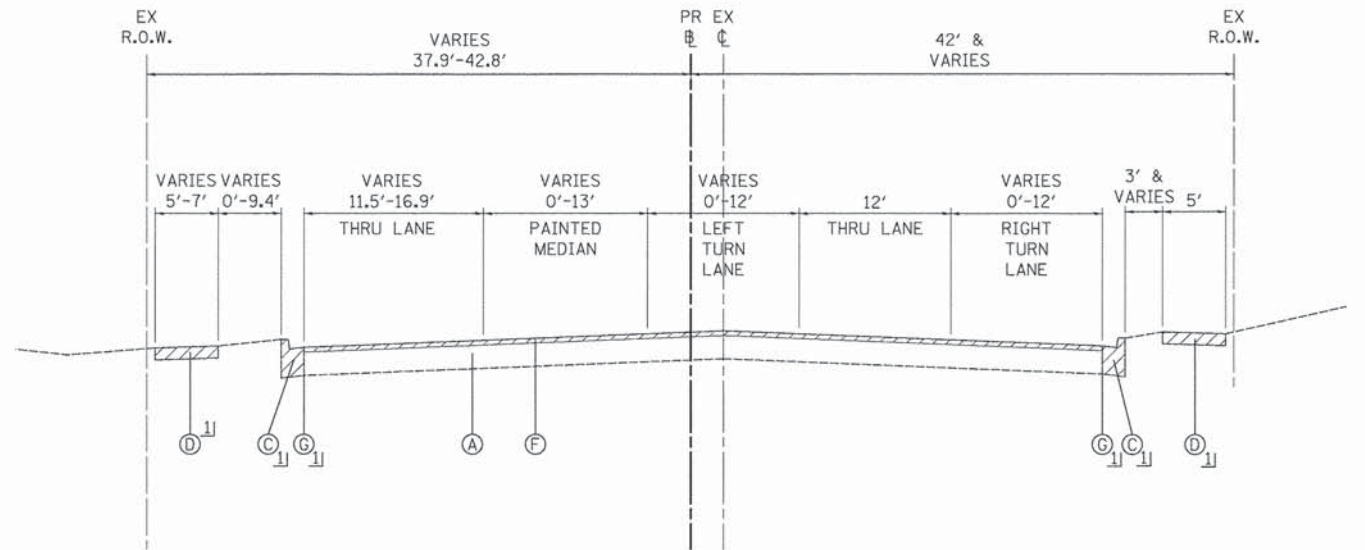
- LEGEND**
- (A) EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 6.5" TO 11.25"
(SEE GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC, DATED DECEMBER 2013)
 - (B) EXISTING GRANULAR BASE COURSE, THICKNESS VARIES FROM 6.5" TO 7.5"
(SEE GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC, DATED DECEMBER 2013)
REMOVE WHEN REQUIRED FOR AGGREGATE SUBGRADE PLACEMENT - PAID FOR AS "EARTH EXCAVATION"
 - (C) EXISTING P.C.C. CURB AND GUTTER
 - (D) EXISTING P.C.C. SIDEWALK
 - (E) EXISTING PARKING LOT
 - (F) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 - (G) PROPOSED FULL-DEPTH SAW CUT (INCLUDED IN THE COST OF ITEM BEING REMOVED)



1) REMOVAL AT LOCATIONS SHOWN ON THE PLANS



EXISTING TYPICAL SECTION
SALEM DRIVE
STATION 81+97.54 TO STATION 95+55.00



EXISTING TYPICAL SECTION
SALEM DRIVE
STATION 104+92.04 TO STATION 108+86.50

USER NAME = djk	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / 1"	DRAWN - JAT	REVISED -
PLOT DATE = 8/15/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SALEM DRIVE EXISTING TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	9
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

LEGEND

- PLAN

DATE
BY
SURVEYED
NOTES
ALIGNED
CHECKED
RT. OF WAY
NO. FILE NAME
- 1

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED)
- 2

AGGREGATE SUBGRADE IMPROVEMENT 12"
- 3

TOPSOIL, FURNISH AND PLACE 4" AND SODDING, SALT TOLERANT
- 4

P.C.C. SIDEWALK 5 INCH
- 5

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7"
- 6

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- 7

PAVEMENT FABRIC
- 8

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- 9

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- 10

SUBBASE GRANULAR MATERIAL, TYPE B 2"
- 11

SUBBASE GRANULAR MATERIAL, TYPE B 4"
- 12

SUBBASE GRANULAR MATERIAL, TYPE B 7"
- 13

HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1 1/2"
- 14

POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- 1

PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"

PAVEMENT DESIGN

ADT (2025)	7,758
PV	7,347
SU	411
MU	0
SUBGRADE SUPPORT RATING	POOR
FLEXIBLE TRAFFIC FACTOR	0.47
SELECTED DESIGN PG BINDER	PG 64-22
DESIGN PAVEMENT HMA TEMP.	76° F
DESIGN HMA MODULUS (EAC)	651 KSI
DESIGN HMA MICROSTRAIN	173
MINIMUM PAVEMENT THICKNESS	6.8"
DESIGN PAVEMENT THICKNESS	9"
SUBGRADE	12"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM	PERCENT AIR VOIDS @ Ndes.
FULL DEPTH PAVEMENT, 9"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7" (2 LIFTS)	4% @ 50 GYR.
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"	4% @ 50 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.
CLASS D PATCH, 4"	
CLASS D PATCH (HMA BINDER IL-19 MM); 4"	4% @ 50 GYR.
CLASS D PATCH, 11"	
CLASS D PATCH (HMA BINDER IL-19 MM); 11" (3 LIFTS)	4% @ 70 GYR.

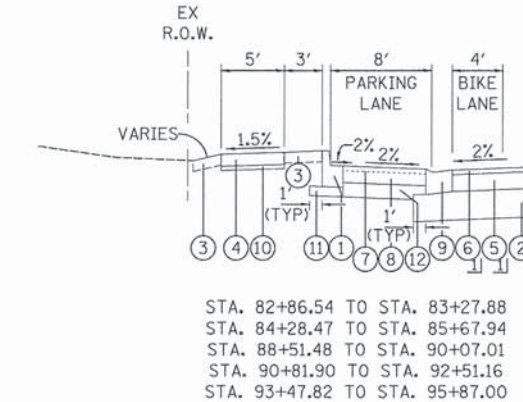
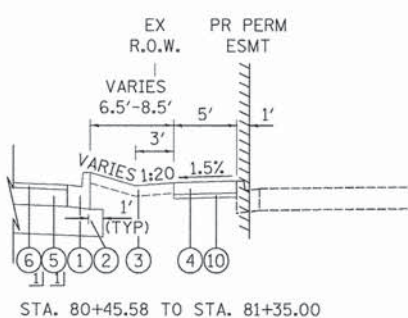
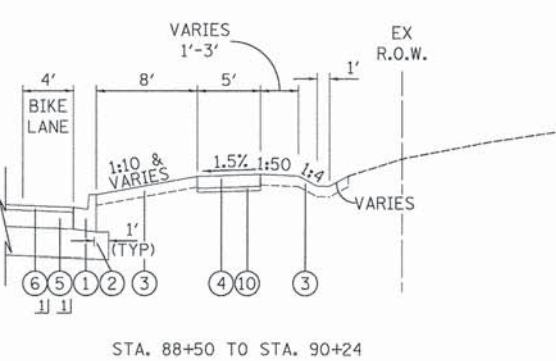
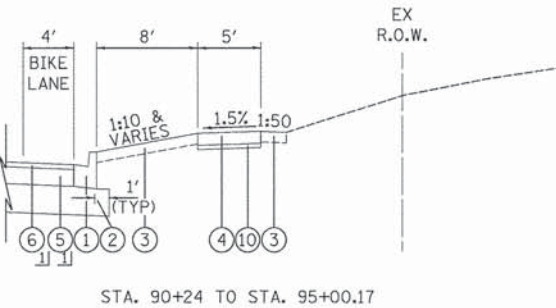
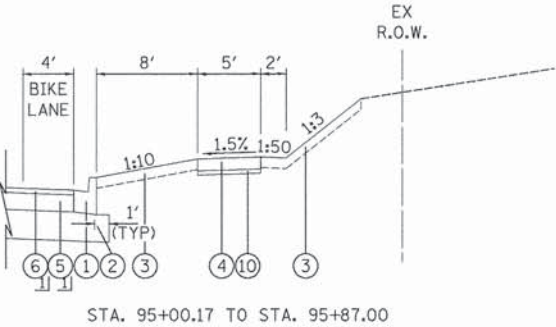
- NOTES:
1.

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
2.

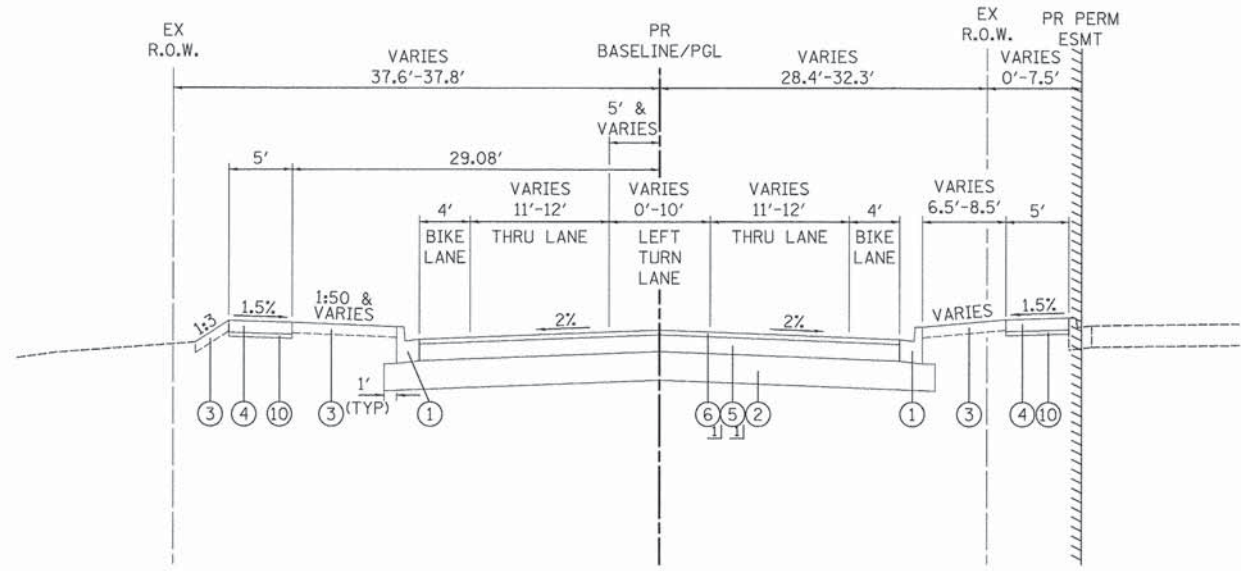
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.
4.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

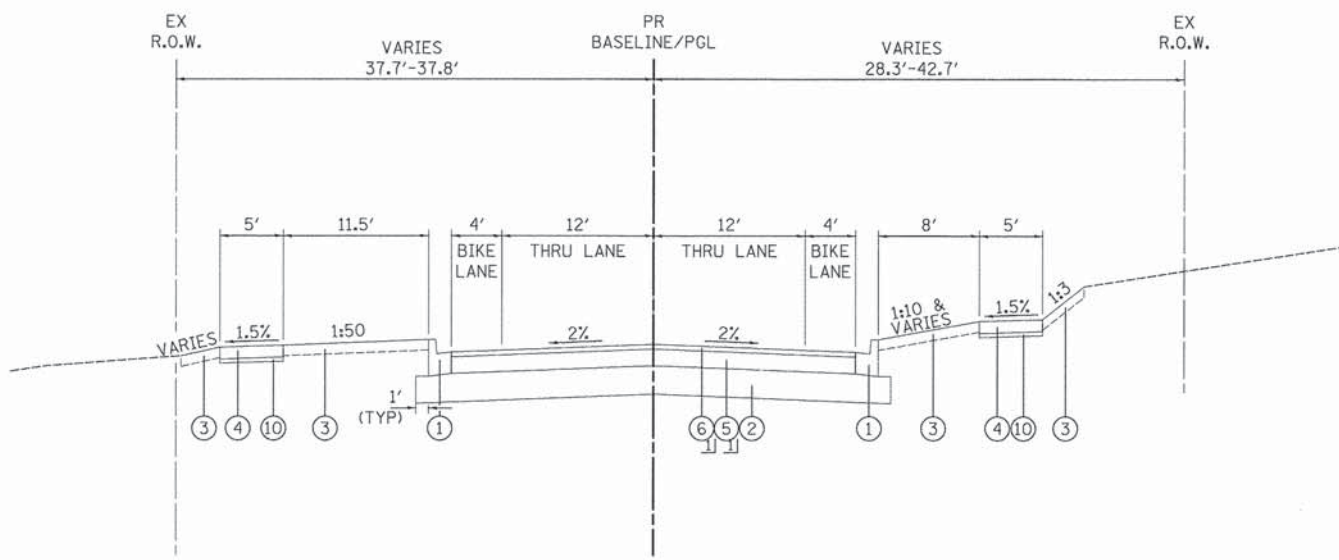


STA. 82+86.54 TO STA. 83+27.88
STA. 84+28.47 TO STA. 85+67.94
STA. 88+51.48 TO STA. 90+07.01
STA. 90+81.90 TO STA. 92+51.16
STA. 93+47.82 TO STA. 95+87.00



PROPOSED TYPICAL SECTION

SALEM DRIVE
STA. 80+23.06 TO STA. 82+86.54



PROPOSED TYPICAL SECTION

SALEM DRIVE
STA. 82+86.54 TO STA. 95+87.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
PROPOSED TYPICAL SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	10
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS

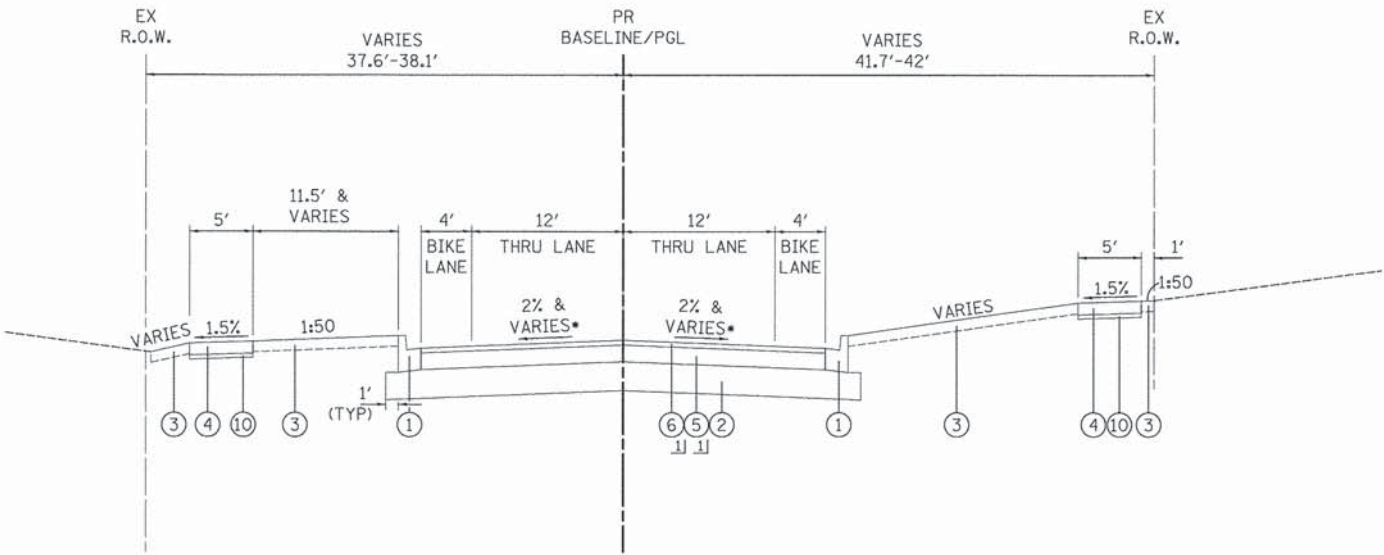
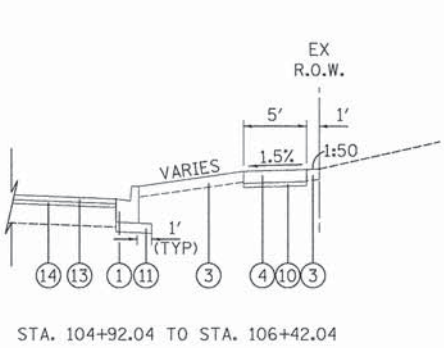
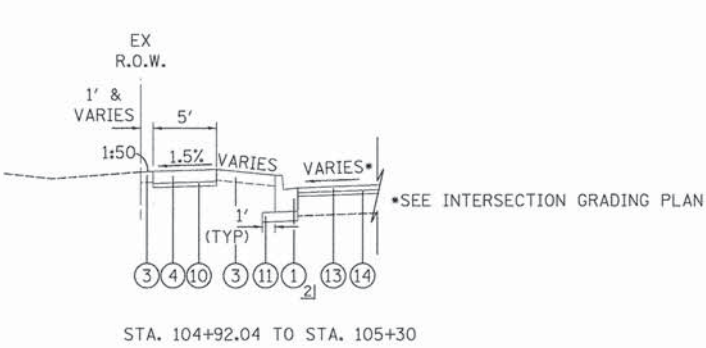
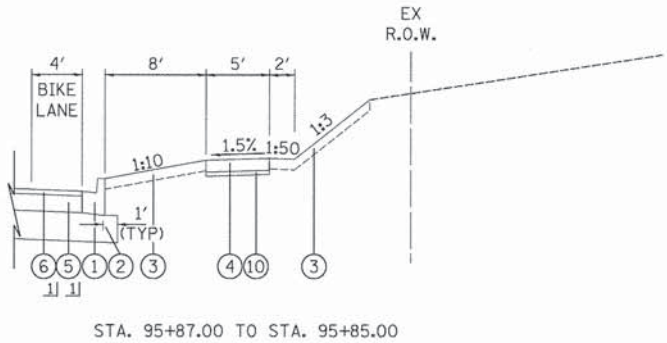
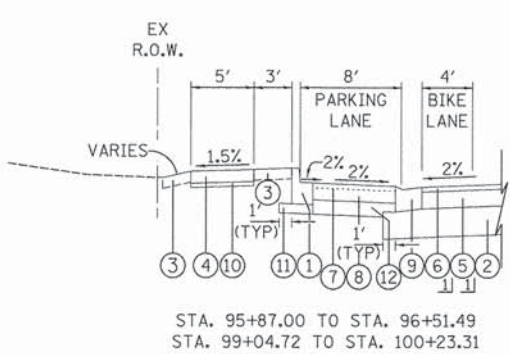
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PLOT SCALE = 50.0000' / 1"	DRAWN - JAT	REVISED -
PLOT DATE = 8/15/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

FILE NAME = ...\\2787_Typical_Pri_01.dgn

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NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	RT. OF WAY CHECKED	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	PAID NOTATIONS CHKD	

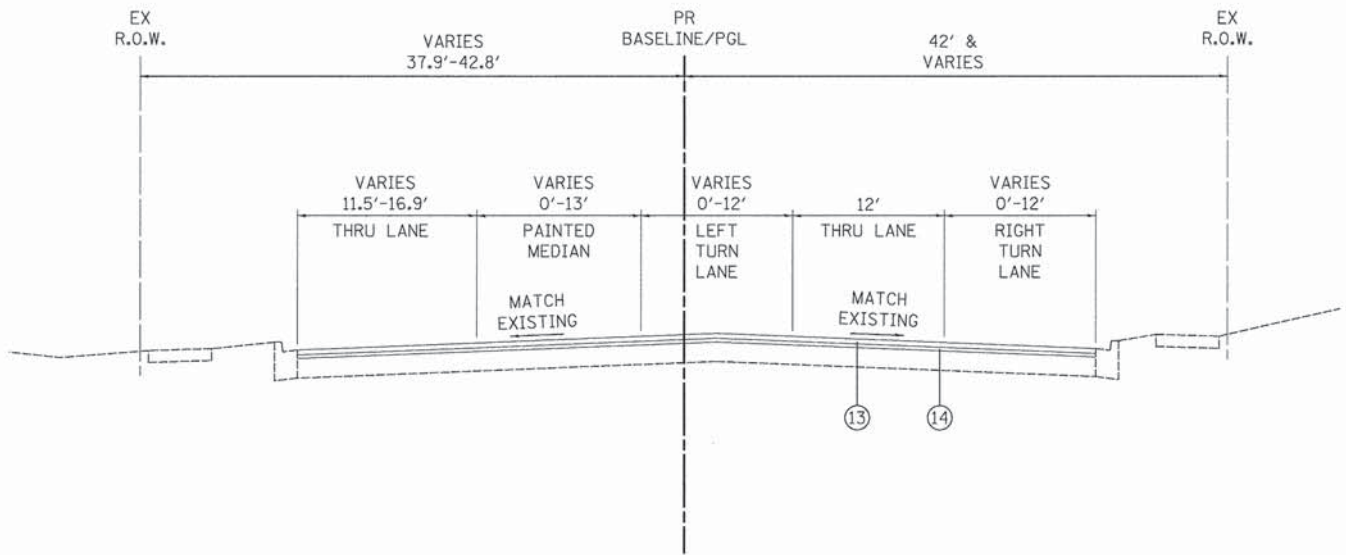
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PROPOSED TYPICAL SECTION
SALEM DRIVE
STA. 95+87.00 TO STA. 104+92.04
•SEE INTERSECTION GRADING PLAN

LEGEND

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED)
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ TOPSOIL, FURNISH AND PLACE 4" AND SODDING, SALT TOLERANT
- ④ P.C.C. SIDEWALK 5 INCH
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7"
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑦ PAVEMENT FABRIC
- ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ⑪ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑫ SUBBASE GRANULAR MATERIAL, TYPE B 7"
- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1 1/2"
- ⑭ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- 1) PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- 2) AT LOCATIONS SHOWN ON THE PLANS



PROPOSED TYPICAL SECTION
SALEM DRIVE
STATION 104+92.04 TO STATION 108+86.50

USER NAME = djc	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE	
PROPOSED TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	11
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN

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NOTE BOOK

NO.

RT. OF WAY CHECKED

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PROFILE

SURVEYED

PLOTTED

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NOTED

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DATE

NOTE BOOK

NO.

STRUCTURE NOTATION CHKO

FILE NAME = ...\\2787 Schedule.dgn

SCHEDULE OF EARTH EXCAVATION AND FURNISHED EXCAVATION										
STAGE 1										
STATION	DISTANCE	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
80+23.06		56.0	0.0	0.0						
	26.94				37.3	1.0	1.9	37.2	1.0	1.9
80+50.		18.6	2.0	3.9						
	50.00				20.9	2.1	3.0	38.6	3.8	5.5
81+00.		23.1	2.1	2.1						
	50				23.6	2.2	3.7	43.7	4.1	6.8
81+50		24.1	2.4	5.3						
	50				25.2	3.4	6.8	46.6	6.3	12.6
82+00		26.2	4.5	8.3						
	50				25.5	4.1	10.2	47.2	7.5	19.0
82+50		24.7	3.6	12.2						
	50				24.8	3.4	12.6	46.0	6.3	23.3
83+00		25.0	3.2	13.0						
	50				25.9	3.3	13.3	48.0	6.0	24.6
83+50		26.9	3.3	13.6						
	50				26.6	3.5	13.0	49.3	6.5	24.1
84+00		26.3	3.7	12.4						
	50				26.9	4.4	11.7	49.8	8.1	21.6
84+50		27.4	5.1	11.0						
	50				27.3	4.2	10.9	50.6	7.8	20.1
85+00		27.2	3.3	10.8						
	50				27.1	4.3	9.9	50.2	7.9	18.4
85+50		27.1	5.2	9.1						
	50				25.8	4.2	9.2	47.8	7.8	17.0
86+00		24.5	3.2	9.3						
	50				24.4	4.0	9.3	45.2	7.4	17.2
86+50		24.3	4.8	9.3						
	50				25.0	4.9	14.0	46.3	9.1	26.0
87+00		25.7	5.0	18.7						
	50				25.9	4.9	19.1	47.9	9.1	35.3
87+50		26.0	4.8	19.4						
	50				22.7	4.8	19.8	42.1	8.8	36.6
88+00		19.5	4.7	20.1						
	50				17.9	5.1	17.8	33.1	9.5	32.9
88+50.		16.3	5.6	15.5						
	50				16.1	5.8	15.5	29.8	10.7	28.8
89+00.		15.9	5.9	15.6						
	50				20.8	6.0	14.2	38.5	11.1	26.2
89+50.		25.7	6.0	12.7						
	50				25.0	5.4	10.9	46.2	10.0	20.2
90+00.		24.2	4.8	9.1						
	50				23.0	4.2	11.5	42.7	7.7	21.3
90+50.		21.8	3.6	13.9						
	50				22.4	3.4	13.4	41.5	6.3	24.9
91+00.		23.0	3.2	12.9						
	50				19.8	3.9	15.1	36.6	7.2	28.0
91+50.		16.5	4.5	17.3						
	50				16.7	5.0	17.7	30.9	9.2	32.7
92+00.		16.8	5.4	18.0						
	50				14.2	5.4	16.8	26.2	10.0	31.1
92+50.		11.5	5.4	15.6						
	50				11.0	4.8	16.4	20.4	9.0	30.4
93+00.		10.6	4.2	17.3						
	50				10.0	3.7	15.7	18.5	6.8	29.1
93+50.		9.4	3.2	14.2						
	50				8.2	3.1	15.0	15.1	5.7	27.7
94+00.		7.0	3.0	15.7						
	50				6.8	3.7	14.4	12.7	6.9	26.7
94+50.		6.7	4.5	13.1						
	50				7.7	4.8	13.5	14.3	8.9	25.2
95+00.17		8.7	5.1	14.0						
	50				10.0	4.9	14.4	18.4	9.0	26.5
95+50.		11.3	4.7	14.7						
	50				8.7	4.5	16.8	16.0	8.3	31.2
96+00.		6.0	4.3	19.0						
	50				5.1	4.6	25.2	9.4	8.5	46.7
96+50.		4.2	4.9	31.4						
	50				3.6	5.0	26.7	6.7	9.2	49.4
97+00.		3.1	5.0	22.0						
	50				3.9	5.0	20.6	7.3	9.3	38.2
97+50.		4.7	5.0	19.2						
	50				5.6	5.0	19.2	10.4	9.3	35.5
98+00.		6.5	5.0	19.1						
	50				8.1	2.5	11.9	14.9	4.6	22.0
98+50.		9.6	0.0	4.6						
	50				10.2	2.4	9.9	19.0	4.5	18.4
99+00.		10.9	4.9	15.2						
	50				11.0	5.0	16.3	20.5	9.3	30.1
99+50.		11.2	5.2	17.3						
	50				12.8	2.6	11.2	23.7	4.8	20.7

PLAN

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CHECKED

DATE

BY

NOTE BOOK

NO.

(CONTINUED)		STAGE 1								
STATION	DISTANCE	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
100+00.	50	14.4	0.0	5.1	13.9	2.5	8.1	25.7	4.6	15.1
100+50.	50	13.3	4.9	11.2	11.6	4.9	12.6	21.5	9.1	23.4
101+00.	50	9.9	4.9	14.0	11.3	4.9	13.1	20.9	9.1	24.3
101+50.	50	12.6	5.0	12.2	13.0	4.9	11.5	24.0	9.1	21.2
102+00.	50	13.3	4.9	10.7	13.6	4.9	9.9	25.1	9.1	18.4
102+50.	50	13.9	4.9	9.1	16.8	5.0	8.7	31.1	9.2	16.2
103+00.	50	19.7	5.0	8.4	20.1	4.1	6.0	37.2	7.5	11.0
103+50.	50	20.4	3.2	3.5	20.2	4.1	5.0	37.3	7.5	9.2
104+00.	50	19.9	4.9	6.4	20.4	5.0	6.4	37.8	9.2	11.9
104+50.	50	20.9	5.0	6.4	10.9	4.9	7.1	20.2	9.1	13.2
105+00.	50	1.0	4.8	7.9	1.0	4.1	6.3	1.8	7.6	11.7
105+50.	50	1.0	3.5	4.8	1.2	2.8	3.3	2.2	5.2	6.2
106+00.		1.4	2.2	1.9						
STAGE 1 TOTAL								1,574.0	505.3	1,195.8

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USER NAME = djk	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 20.0000' / 1in.	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SCHEDULE OF QUANTITIES

SHEET NO. 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	13
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN

DATE

BY

SURVEYED

ALIGNED

CHECKED

RT. OF WAY

CHECKED

CADD FILE NAME

NOTE BOOK

NO.

PROFILE

DATE

BY

SURVEYED

GRADES

CHECKED

BLM. NOTED

STRUCTURE

NOTAT'NS

CHK'D

NOTE BOOK

NO.

FILE NAME = ...\\2787.Schedules.dgn

STAGE 2										
STATION	DISTANCE	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL
(XX+XX)	(FT.)	(SQ. FT.)	(SQ. FT.)	(SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	AVG. (SQ. FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
80+23.06	26.94	62.7	0.0	0.0	36.8	2.3	9.3	36.7	2.3	9.2
80+50.	50.00	11.0	4.6	18.5	13.7	4.6	14.9	25.3	8.6	27.6
81+00.	50	16.4	4.7	11.3	19.3	4.6	10.4	35.7	8.6	19.2
81+50	50	22.2	4.6	9.4	23.3	2.3	5.0	43.1	4.3	9.2
82+00	50	24.3	0.0	0.5	24.4	2.4	2.8	45.2	4.5	5.2
82+50	50	24.5	4.8	5.0	27.1	4.7	4.6	50.2	8.8	8.5
83+00	50	29.7	4.7	4.1	27.6	4.9	4.0	51.1	9.0	7.5
83+50	50	25.5	5.1	4.0	32.1	2.5	2.7	59.5	4.7	5.0
84+00	50	38.8	0.0	1.4	35.5	2.3	2.1	65.7	4.2	3.9
84+50	50	32.1	4.6	2.9	31.2	4.5	3.1	57.7	8.4	5.7
85+00	50	30.2	4.5	3.3	29.5	4.7	3.5	54.6	8.7	6.6
85+50	50	28.8	4.9	3.8	34.3	2.5	1.9	63.6	4.6	3.5
86+00	50	39.9	0.0	0.0	31.5	2.3	2.4	58.3	4.3	4.5
86+50	50	23.0	4.6	4.9	23.7	4.8	4.8	43.9	8.9	8.8
87+00	50	24.4	5.0	4.7	24.7	4.7	4.4	45.7	8.8	8.1
87+50	50	25.0	4.5	4.1	22.4	4.5	6.4	41.4	8.3	11.9
88+00	50	19.8	4.5	8.8	14.4	4.6	11.2	26.6	8.5	20.8
88+50.	50	9.0	4.7	13.7	7.7	4.8	14.4	14.3	8.9	26.7
89+00.	50	6.5	4.9	15.2	13.8	4.8	11.1	25.5	8.8	20.5
89+50.	50	21.0	4.6	7.0	23.9	4.6	6.1	44.3	8.6	11.3
90+00.	50	26.8	4.7	5.2	37.8	2.3	2.6	70.0	4.3	4.8
90+50.	50	48.8	0.0	0.0	37.2	2.3	2.4	68.8	4.3	4.5
91+00.	50	25.6	4.7	4.8	22.1	4.7	5.1	40.9	8.6	9.4
91+50.	50	18.6	4.7	5.3	19.3	4.7	5.7	35.7	8.8	10.5
92+00.	50	20.0	4.8	6.1	15.1	4.8	8.2	28.0	8.8	15.2
92+50.	50	10.2	4.7	10.3	18.6	2.4	5.2	34.4	4.4	9.6
93+00.	50	27.0	0.0	0.0	18.0	2.5	4.5	33.4	4.5	8.3
93+50.	50	9.1	4.9	9.0	9.6	4.8	7.8	17.9	8.9	14.4
94+00.	50	10.2	4.7	6.6	8.8	4.6	6.0	16.4	8.6	11.0
94+50.	50	7.5	4.6	5.3	7.6	4.6	5.4	14.2	8.5	10.1
95+00.17	50	7.8	4.5	5.6	7.7	4.6	6.6	14.1	8.6	12.2
95+50.	50	7.6	4.8	7.7	7.2	4.9	7.6	13.3	9.0	14.1
96+00.	50	6.9	4.9	7.6	5.4	4.9	10.2	10.0	9.1	18.9
96+50.	50	3.9	4.9	12.8	7.0	2.5	6.4	12.9	4.6	11.9
97+00.	50	10.0	0.0	0.0	5.9	2.3	7.0	11.0	4.3	13.0
97+50	50	1.8	4.6	14.1	5.5	3.3	7.5	10.2	6.1	13.9
98+00.	50	9.2	1.9	1.0	9.9	1.0	1.1	18.3	1.8	2.0
98+50.	50	10.6	0.0	1.1	10.8	2.5	2.7	20.1	4.7	4.9
99+00.	50	11.1	5.1	4.2	14.4	5.0	4.0	26.7	9.3	7.4
99+50.	50	17.7	4.9	3.8	18.7	4.8	4.8	34.6	8.9	8.9

USER NAME = djc	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 20.0000' / 1in.	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
SCHEDULE OF QUANTITIES

SHEET NO. 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	14
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
NO. _____	ALIGNMENT CHECKED _____		
	RT. OF WAY CHECKED _____		
	CADD FILE NAME _____		

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHECKED _____		

FILE NAME = ... \2787_Schedules.dgn

(CONTINUED)		STAGE 2								
STATION	DISTANCE	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL	CUT - SUITABLE MATERIAL	CUT - UNSUITABLE MATERIAL	FILL
100+00.		19.6	4.7	5.8						
	50				15.1	4.7	6.1	27.9	8.6	11.4
100+50.		10.6	4.6	6.4						
	50				8.2	4.6	7.8	15.1	8.6	14.5
101+00.		5.8	4.7	9.2						
	50				7.5	4.7	8.3	13.9	8.6	15.4
101+50.		9.3	4.7	7.4						
	50				9.5	4.7	7.6	17.7	8.7	14.0
102+00.		9.8	4.7	7.7						
	50				10.2	4.7	6.8	18.8	8.7	12.7
102+50.		10.6	4.7	5.9						
	50				14.7	4.7	5.1	27.1	8.7	9.5
103+00.		18.7	4.7	4.3						
	50				18.9	5.0	4.1	35.1	9.2	7.5
103+50.		19.1	5.2	3.8						
	50				18.0	5.1	5.1	33.4	9.4	9.4
104+00.		16.9	4.9	6.4						
	50				27.5	2.5	3.2	51.0	4.5	5.9
104+50.		38.2	0.0	0.0						
	50				21.5	0.0	0.6	39.9	0.0	1.1
105+00.		4.9	0.0	1.2						
	50				3.2	2.0	0.6	5.9	3.6	1.2
105+50.		1.5	3.9	0.1						
	50				0.8	2.0	0.0	1.4	3.6	0.1
106+00.		0.0	0.0	0.0						
STAGE 2 TOTAL								1,706.5	466.3	531.4

TOTAL EARTH EXCAVATION (CU. YD.)	4,252
TOTAL FURNISHED EXCAVATION (CU. YD.)	1,727

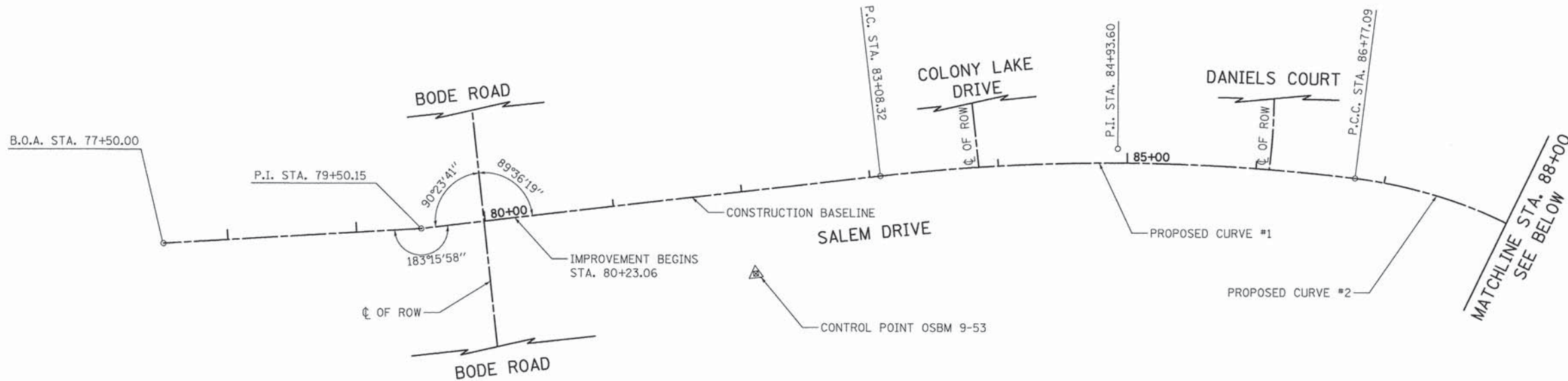
TOTAL FURNISHED EXCAVATION (CU. YD.)	1,727
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USER NAME = djk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SALEM DRIVE SCHEDULE OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JAT	REVISED -					1101	09-00099-00-PV	COOK	107	15
PLOT SCALE = 20.0000' / in.	CHECKED - DJK	REVISED -		CONTRACT NO. 61A69							
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -		SHEET NO. 4 OF 4 SHEETS		ILLINOIS FED. AID PROJECT M-4003(370)					

PLAN	DATE	BY	DATE
SURVEYED			
NOTED			
ALIGNED			
CHECKED			
RT. OF WAY			
FILE NAME			

PROFILE	DATE	BY	DATE
SURVEYED			
NOTED			
GRADES			
CHECKED			
B.M. NOTED			
STRUCTURE			
NOTATION			
CHKD			

FILE NAME = ...\\2787.ATB.01.dgn



PROPOSED CURVE #1

PI STA. = 84+93.60
 $\Delta = 13^\circ 45' 26''$ (RT)
 $D = 3^\circ 43' 50''$
 $R = 1,535.86'$
 $T = 185.28'$
 $L = 368.78'$
 $E = 11.14'$
 $e = N.C.$
P.C. STA. = 83+08.32
P.C.C. STA. = 86+77.09

PROPOSED CURVE #2

PI STA. = 88+98.03
 $\Delta = 61^\circ 04' 06''$ (RT)
 $D = 15^\circ 17' 47''$
 $R = 374.57'$
 $T = 220.94'$
 $L = 399.23'$
 $E = 60.30'$
 $e = N.C.$
P.C. STA. = 86+77.09
P.T. STA. = 90+76.32

PROPOSED CURVE #3

PI STA. = 94+42.90
 $\Delta = 64^\circ 29' 33''$ (LT)
 $D = 14^\circ 29' 29''$
 $R = 395.38'$
 $T = 249.43'$
 $L = 445.04'$
 $E = 72.10'$
 $e = N.C.$
P.C. STA. = 91+93.47
P.T. STA. = 96+38.51

CONTROL POINTS AND BENCHMARKS

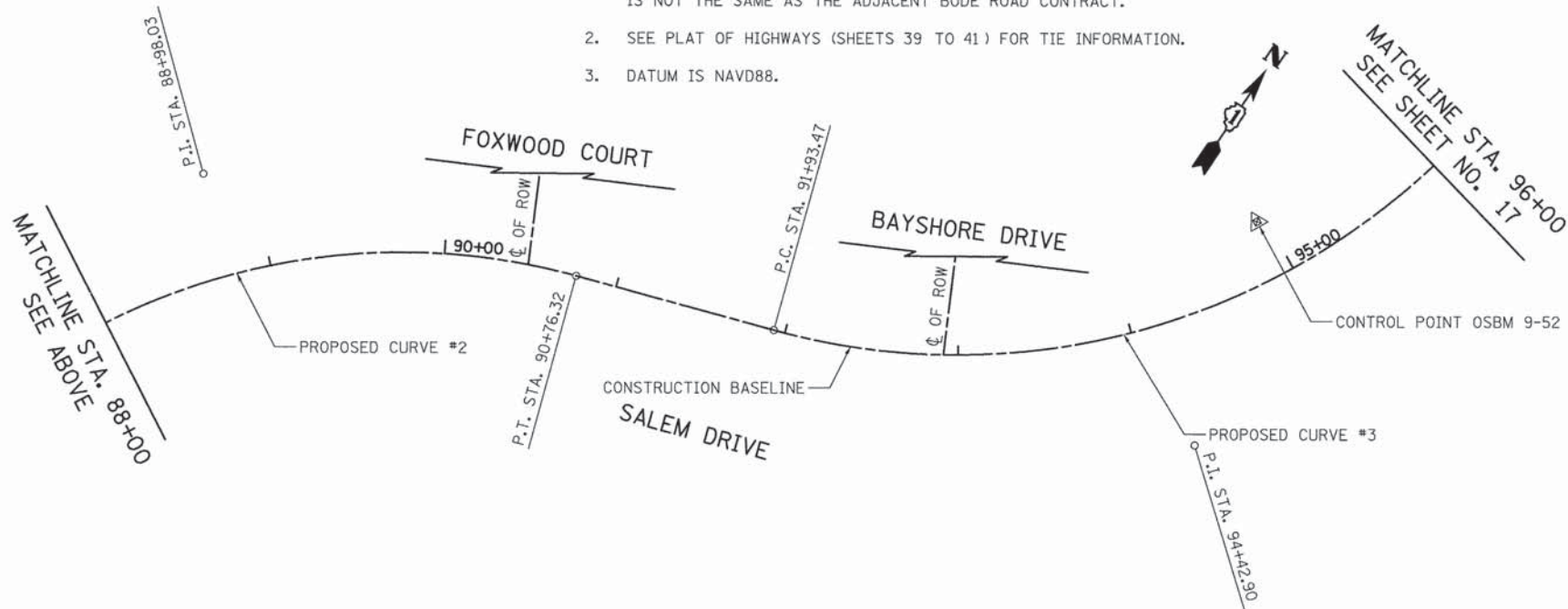
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
OSBM 9-50	N/A	N/A	818.62	ALUMINUM 3/2" DISK IN CONC. WEST OF SALEM DRIVE ON SOUTH SIDE OF GOLF ROAD (SCHAUMBURG 2063)
OSBM 9-51	1959866.462	1047790.859	816.41	NORTHEAST CORNER OF TEL PANEL BOX BASE ON SOUTHEAST CORNER OF COLONY LAKE DRIVE
OSBM 9-52	1958972.262	1047721.187	818.24	NORTHWEST CORNER OF ELECTRICAL GEAR BOX BASE, SOUTH OF BAYSHORE DRIVE NORTHERLY OF ENTRANCE ON WEST SIDE SALEM
OSBM 9-53	1957974.391	1047213.590	830.50	SQUARE CUT ON CONCRETE BASE OF LIGHT POLE ON SOUTHEAST CORNER OF KELLER JR. HIGH ON NORTHEAST CORNER OF BODE ROAD & SALEM DRIVE

NOTES:

- THE HORIZONTAL COORDINATE SYSTEM USED ON THIS CONTRACT IS NOT THE SAME AS THE ADJACENT BODE ROAD CONTRACT.
- SEE PLAT OF HIGHWAYS (SHEETS 39 TO 41) FOR TIE INFORMATION.
- DATUM IS NAVD88.

PROPOSED SALEM DRIVE CONSTRUCTION BASELINE

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	77+50.00	1957517.275	1047164.275
P.I.	79+50.15	1957717.424	1047164.050
P.C.	83+08.32	1958074.987	1047143.241
P.I.	84+93.60	1958259.954	1047132.476
P.C.C.	86+77.09	1958442.174	1047166.008
P.I.	88+98.03	1958659.463	1047205.992
P.T.	90+76.32	1958729.586	1047415.505
P.C.	91+93.47	1958766.766	1047526.595
P.I.	94+42.90	1958845.933	1047763.128
P.T.	96+38.51	1959093.502	1047793.536
P.C.	98+19.33	1959272.969	1047815.580
P.I.	100+16.08	1959468.256	1047839.567
P.T.	102+12.34	1959665.009	1047839.345
E.O.A.	110+60.00	1960512.673	1047838.391



NOTES

B.O.A. = BEGINNING OF ALIGNMENT
E.O.A. = END OF ALIGNMENT
P.C. = POINT OF CURVATURE
P.I. = POINT OF INTERSECTION
P.T. = POINT OF TANGENT
P.C.C. = POINT OF COMPOUND CURVATURE



USER NAME = djk	DESIGNED = JAT	REVISED =
PLOT SCALE = 50.0000' / 1" =	DRAWN = KDC	REVISED =
PLOT DATE = 8/15/2014	CHECKED = DJK	REVISED =
	DATE = 08/18/2014	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
ALIGNMENT AND BENCHMARKS

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	16
CONTRACT NO. 61A69				
[ILLINOIS] FED. AID PROJECT M-4003(370)				

PLAN	DATE	BY	SURVEYED	CHECKED	RT. OF WAY CHECKED	CADD FILE NAME

PROFILE	DATE	BY	SURVEYED	CHECKED	B.M. NOTED	STRUCTURE NOTATION OK'D

PROPOSED
CURVE #3

PI STA. = 94+42.90
Δ = 64° 29' 33" (LT)
D = 14° 29' 29"
R = 395.38'
T = 249.43'
L = 445.04'
E = 72.10'
e = N.C.
P.C. STA. = 91+93.47
P.T. STA. = 96+38.51

PROPOSED
CURVE #4

PI STA. = 100+16.08
Δ = 7° 04' 01" (LT)
D = 1° 47' 54"
R = 3,186.32'
T = 196.75'
L = 393.01'
E = 6.07'
e = N.C.
P.C. STA. = 98+19.33
P.T. STA. = 102+12.34

CONTROL POINTS AND BENCHMARKS

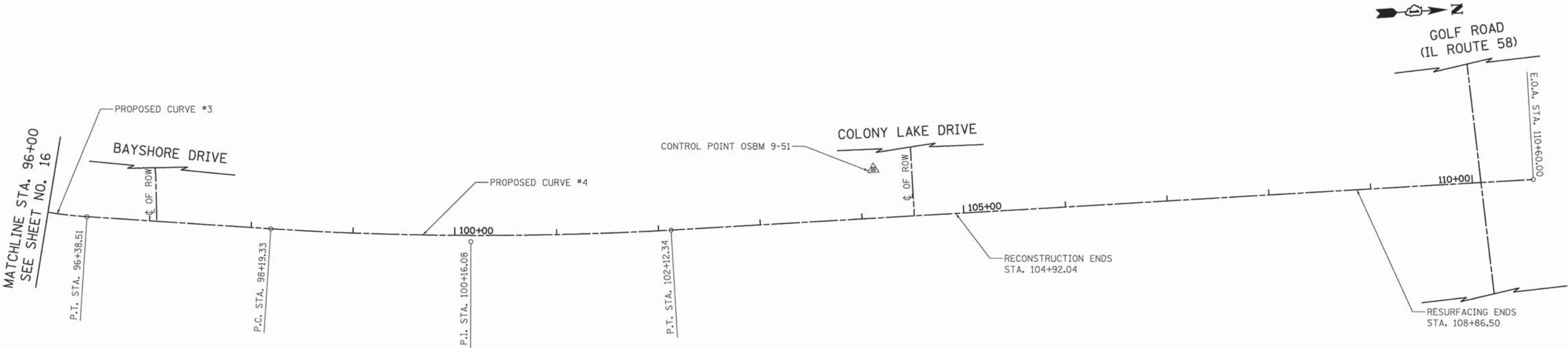
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
OSBM 9-50	N/A	N/A	818.62	ALUMINUM 3/2" DISK IN CONC. WEST OF SALEM DRIVE ON SOUTH SIDE OF GOLF ROAD (SCHAUMBURG 2063)
OSBM 9-51	1959866.462	1047790.859	816.41	NORTHEAST CORNER OF TEL PANEL BOX BASE ON SOUTHEAST CORNER OF COLONY LAKE DRIVE
OSBM 9-52	1958972.262	1047721.186	818.24	NORTHWEST CORNER OF ELECTRICAL GEAR BOX BASE, SOUTH OF BAYSHORE DRIVE NORTHERLY OF ENTRANCE ON WEST SIDE SALEM
OSBM 9-53	1957974.391	1047213.590	830.50	SQUARE CUT ON CONCRETE BASE OF LIGHT POLE ON SOUTHEAST CORNER OF KELLER JR. HIGH ON NORTHEAST CORNER OF BODE ROAD & SALEM DRIVE

NOTES:

- THE HORIZONTAL COORDINATE SYSTEM USED ON THIS CONTRACT IS NOT THE SAME AS THE ADJACENT BODE ROAD CONTRACT.
- SEE PLAT OF HIGHWAYS (SHEETS 39 TO 41) FOR TIE INFORMATION.
- DATUM IS NAVD88.

PROPOSED SALEM DRIVE
CONSTRUCTION BASELINE

DESCRIPTION	STATION	NORTHING	EASTING
B.O.A.	77+50.00	1957517.275	1047164.275
P.I.	79+50.15	1957717.424	1047164.050
P.C.	83+08.32	1958074.987	1047143.241
P.I.	84+93.60	1958259.954	1047132.476
P.C.C.	86+77.09	1958442.174	1047166.008
P.I.	88+98.03	1958659.463	1047205.992
P.T.	90+76.32	1958729.586	1047415.505
P.C.	91+93.47	1958766.766	1047526.595
P.I.	94+42.90	1958845.933	1047763.128
P.T.	96+38.51	1959093.502	1047793.536
P.C.	98+19.33	1959272.969	1047815.580
P.I.	100+16.08	1959468.256	1047839.567
P.T.	102+12.34	1959665.009	1047839.345
E.O.A.	110+60.00	1960512.673	1047838.391



NOTES

B.O.A. = BEGINNING OF ALIGNMENT
E.O.A. = END OF ALIGNMENT
P.C. = POINT OF CURVATURE
P.I. = POINT OF INTERSECTION
P.T. = POINT OF TANGENT
P.C.C. = POINT OF COMPOUND CURVATURE

FILE NAME = ...\\2787_ATB.dgn



USER NAME = djc	DESIGNED = JAT	REVISED =
	DRAWN = KDC	REVISED =
PLOT SCALE = 50.0000' / 1"	CHECKED = DJK	REVISED =
PLOT DATE = 8/15/2014	DATE = 08/18/2014	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE ALIGNMENT AND BENCHMARKS	
SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS

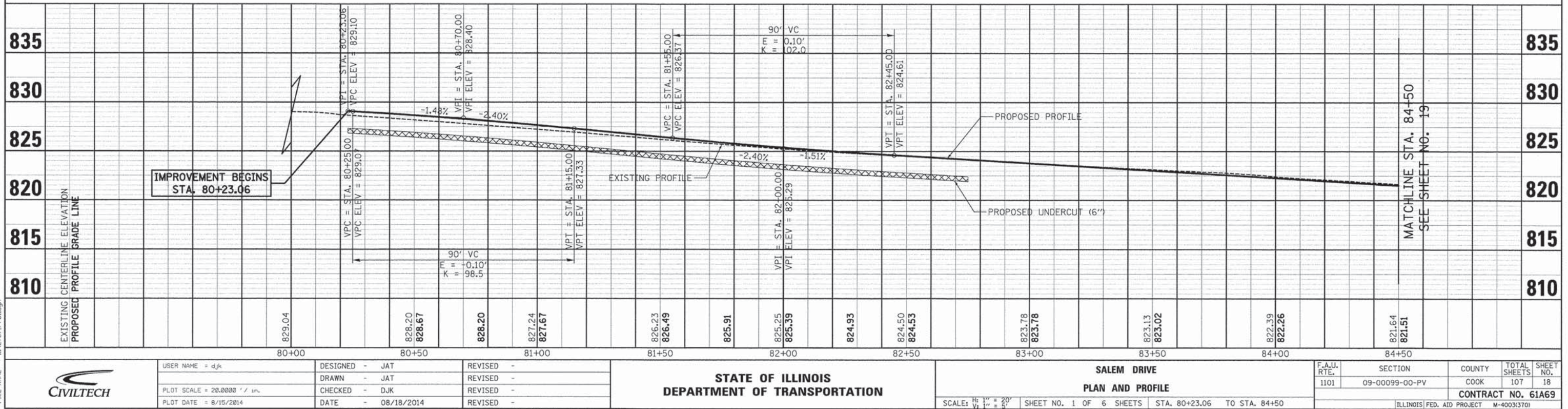
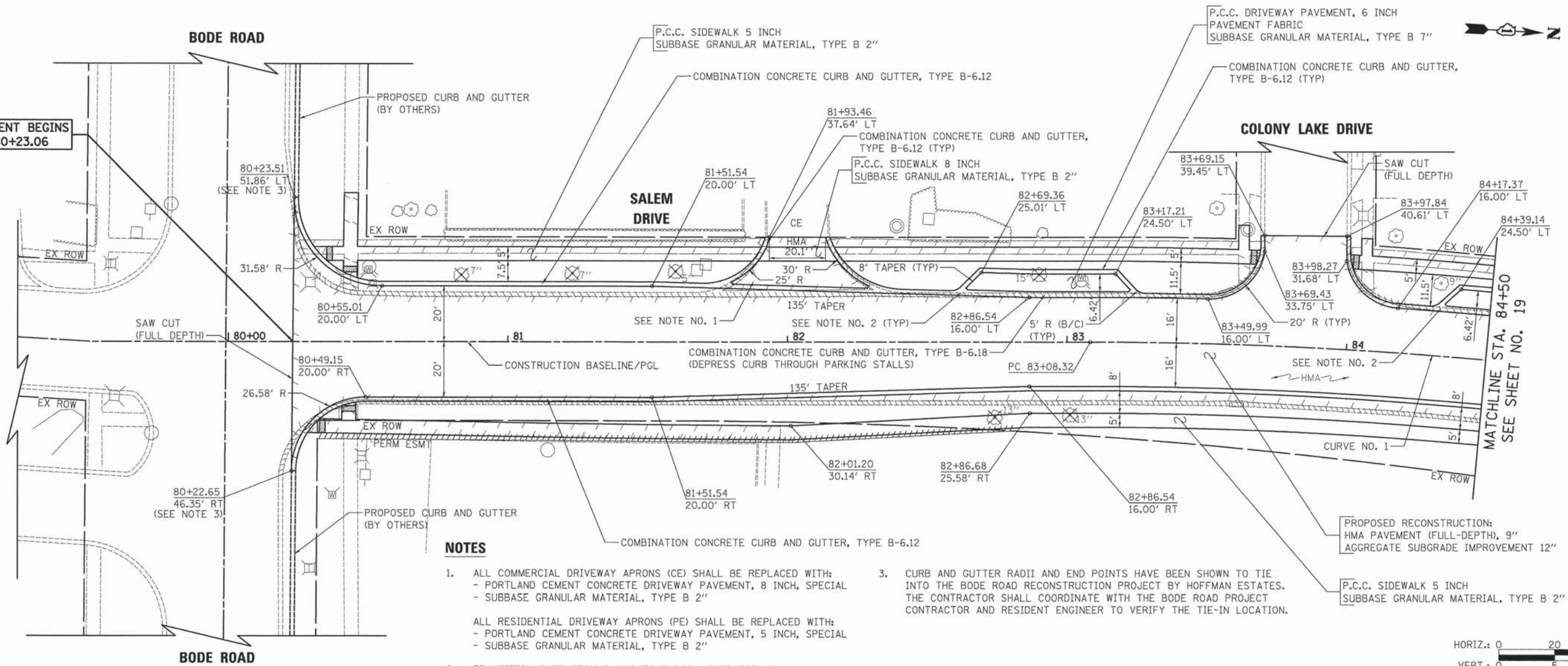
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	17
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

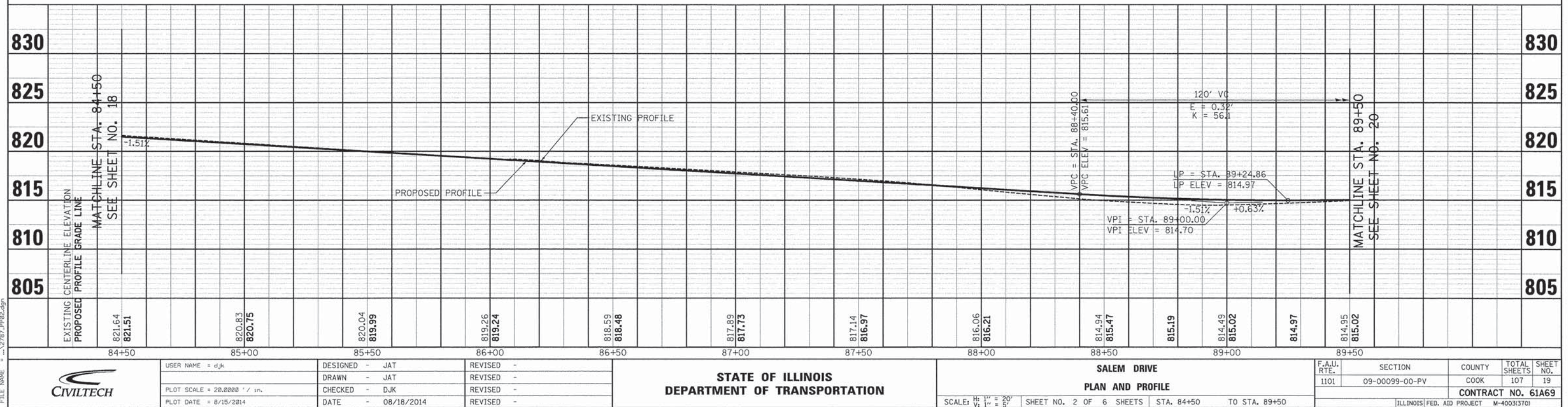
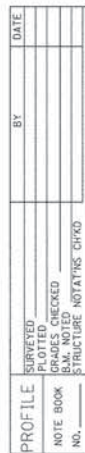
PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
RT. OF WAY		
CADD FILE NAME		

PROFILE	DATE	BY
SURVEYED		
NOTED		
GRADES		
CHECKED		
B.A. NOTED		
STRUCTURE		
NOTATIONS		

FILE NAME = ...\\2787.PP01.dgn

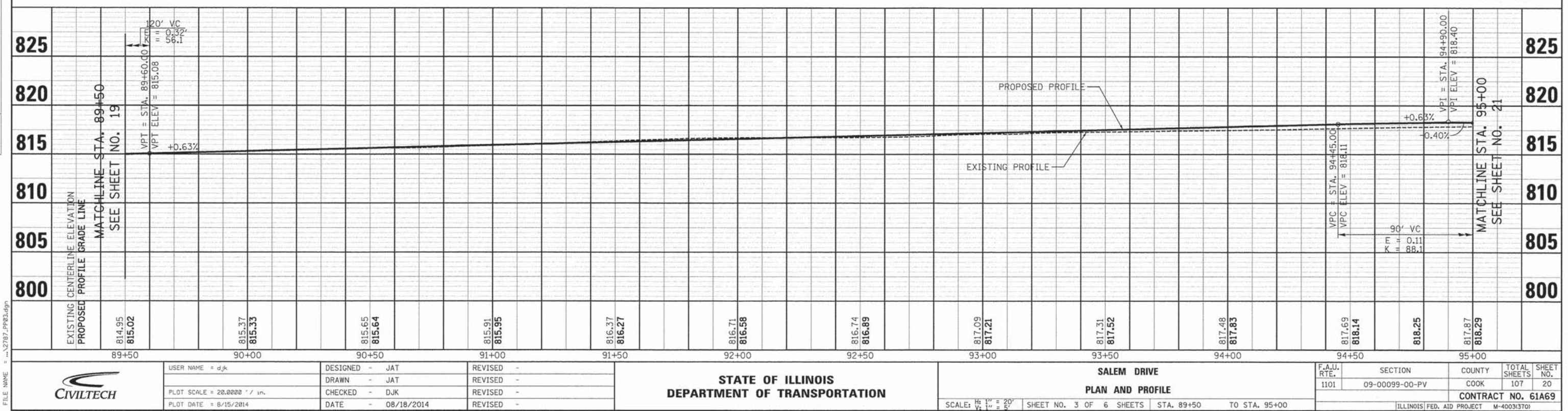
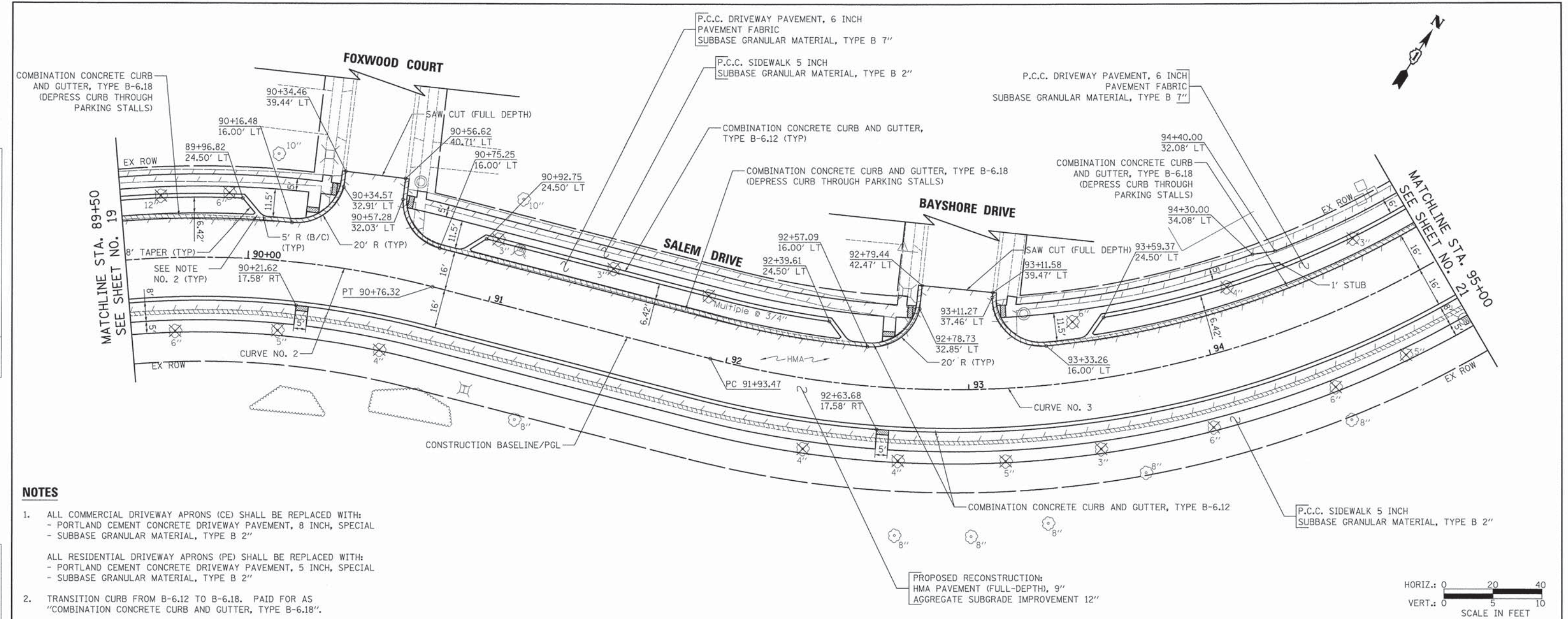
IMPROVEMENT BEGINS
STA. 80+23.06



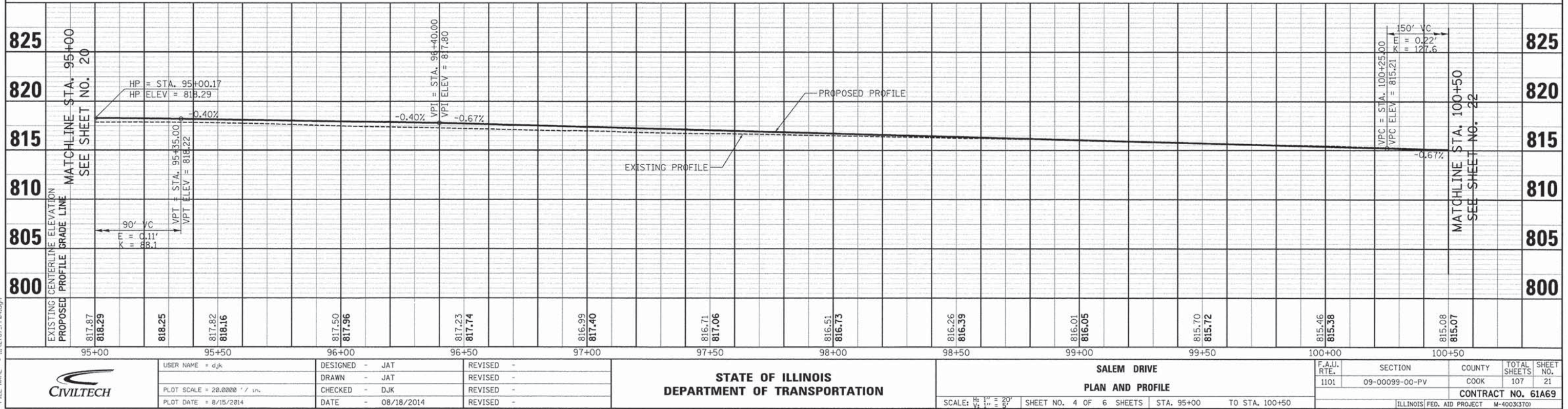
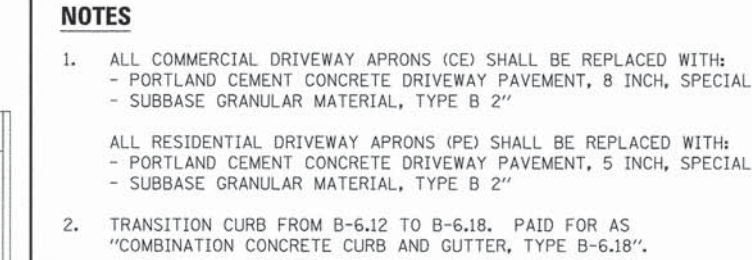


PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
RT. OF WAY		
CADD FILE NAME		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
GRADES		
CHECKED		
STRUCTURE		
NOTATIONS		
NO.		



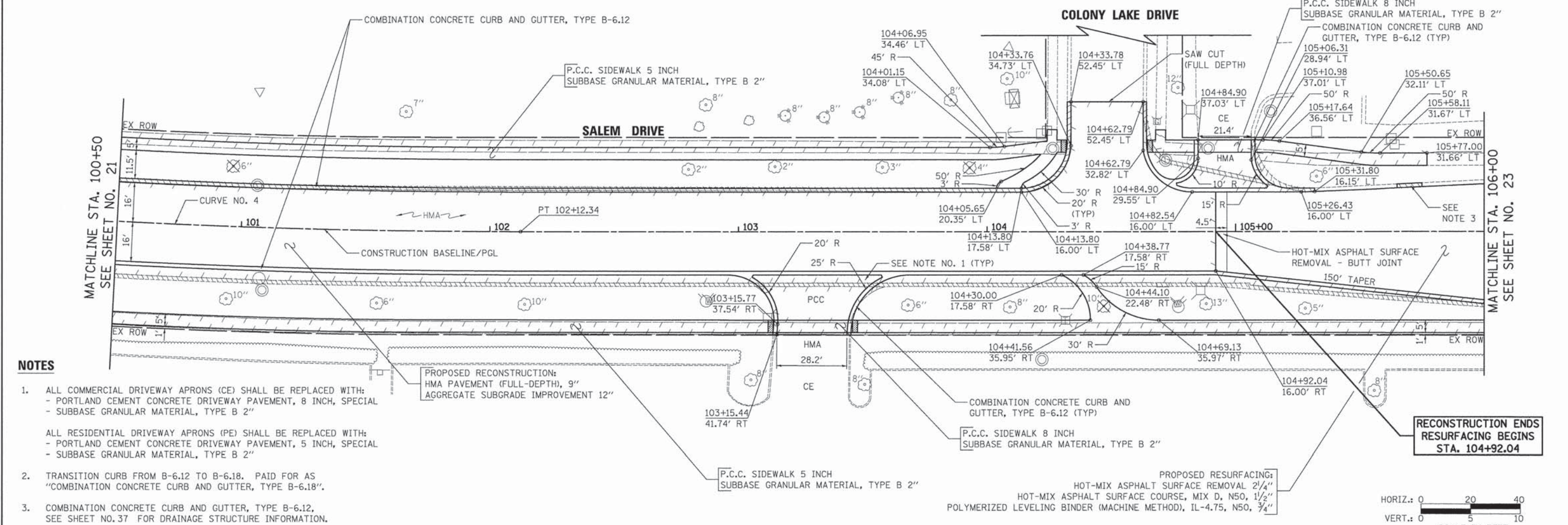
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHECKED _____		



PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
RT. OF WAY		
NO.		

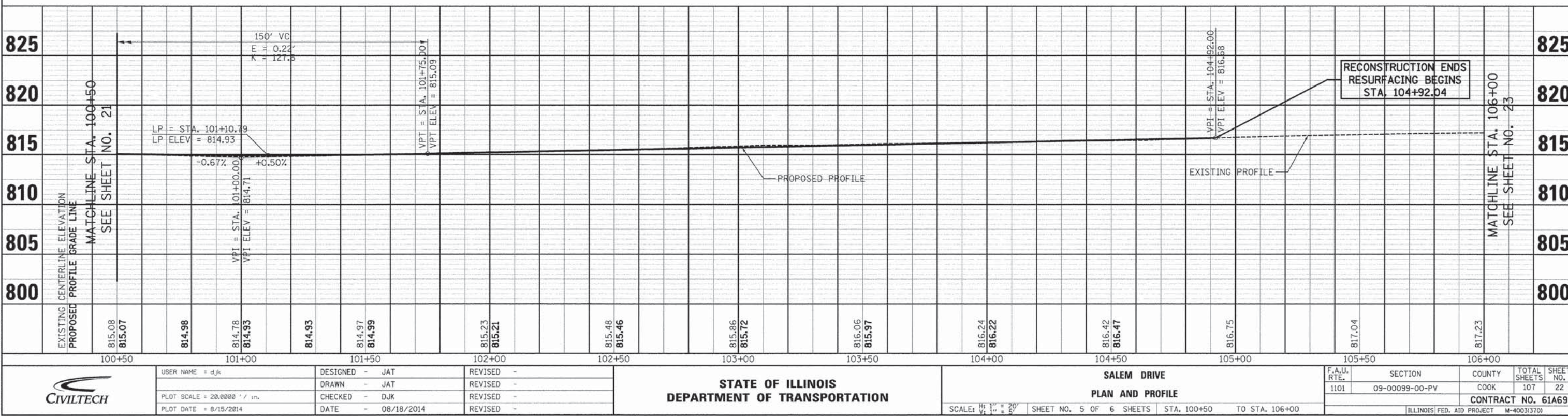
PROFILE	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
NO.		

FILE NAME = ...2787_PP05.dgn



NOTES

- ALL COMMERCIAL DRIVEWAY APRONS (CE) SHALL BE REPLACED WITH:
- PORTLAND CEMENT DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
- SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ALL RESIDENTIAL DRIVEWAY APRONS (PE) SHALL BE REPLACED WITH:
- PORTLAND CEMENT DRIVEWAY PAVEMENT, 5 INCH, SPECIAL
- SUBBASE GRANULAR MATERIAL, TYPE B 2"
- TRANSITION CURB FROM B-6.12 TO B-6.18. PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18".
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12, SEE SHEET NO. 37 FOR DRAINAGE STRUCTURE INFORMATION.



	USER NAME = djc	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SALEM DRIVE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JAT	REVISED -		PLAN AND PROFILE				1101	09-00099-00-PV	COOK	107	22
	PLOT SCALE = 20.0000' / in.	CHECKED - DJC	REVISED -						CONTRACT NO. 61A69				
	PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -		SCALE: H _s 1" = 20' V _s 1" = 5'				SHEET NO. 5 OF 6 SHEETS	STA. 100+50 TO STA. 106+00		ILLINOIS FED. AID PROJECT M-4003(370)	



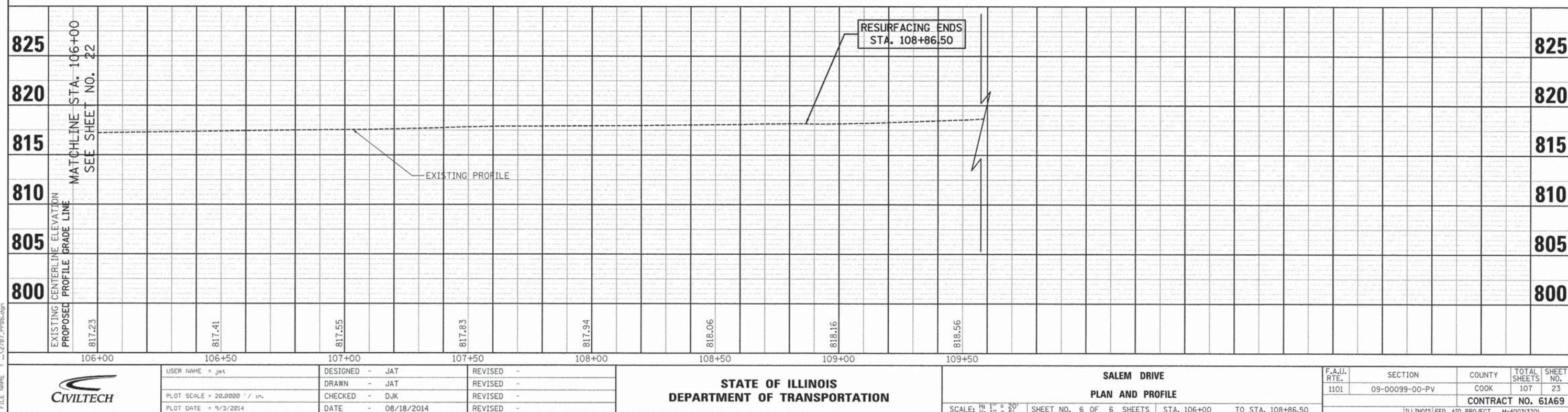
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PLOT SCALE = 28.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 8/15/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 20'	SHEET NO. 5 OF 6 SHEETS	STA. 100+50 TO STA. 106+00
V: 1" = 5'		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	22
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	A.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		
NOTE BOOK			
NO. _____			



1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. IMPLEMENT DETOUR ROUTE AND SHIFT TRAFFIC AS INDICATED.
2. CONSTRUCT STORM SEWERS AND DRAINAGE STRUCTURES AS SHOWN. TRAFFIC SHALL BE ROUTED AROUND SEWER LATERAL CONSTRUCTION IN ACCORDANCE WITH IDOT STANDARD 701501-06. FLAGGERS WILL NOT BE REQUIRED IF NORTHBOUND SALEM DRIVE TRAFFIC HAS BEEN DETOURED.
3. INSTALL/REPLACE VALVES, VAULTS, AND FIRE HYDRANTS.
4. REMOVE EXISTING CURB AND GUTTER, PAVEMENT, AND DRIVEWAYS.
5. CONSTRUCT CURB AND GUTTER, H.M.A. BINDER COURSE, SIDEWALK, AND ENTRANCES AS SHOWN.
6. INSTALL AND TURN ON PROPOSED STREET LIGHTING WITHIN STAGE 1 WORKZONE.

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED.
2. REMOVE EXISTING CURB AND GUTTER AND PAVEMENT WITHIN THE WORKZONE.
4. CONSTRUCT CURB AND GUTTER, H.M.A. BINDER COURSE, AND SIDEWALK AS SHOWN.

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED.
2. REMOVE EXISTING CURB AND GUTTER AND DRIVEWAYS AS SHOWN.
3. CONSTRUCT REMAINING STORM SEWER AND DRAINAGE STRUCTURES.
4. REPLACE FIRE HYDRANTS.
5. CONSTRUCT CURB AND GUTTER, H.M.A. BINDER COURSE, SIDEWALK, AND ENTRANCES AS SHOWN.
6. INSTALL REMAINING STREET LIGHTING.
7. PLACE TOPSOIL AND SOD.
8. PLACE SURFACE COURSE TO FINISHED GRADE.
9. PLACE PERMANENT PAVEMENT MARKINGS AND INSTALL SIGNS.
10. REMOVE ALL CONSTRUCTION SIGNS AND OPEN ALL LANES TO TRAFFIC.

STAGE 2	82+04, LT	SHOPPING CENTER	MAY NOT BE CLOSED AT THE SAME TIME AS BODE ROAD ENTRANCE (VILLAGE OF HOFFMAN ESTATES PROJECT)
STAGE 2	83+84, LT	S. COLONY LAKE DR	MAY NOT BE CLOSED AT THE SAME TIME AS 104+49 (N. COLONY LAKE DR)
STAGE 2	86+10, LT	DANIELS COURT	STAGE CONSTRUCT TO MAINTAIN TWO-WAY TRAFFIC
STAGE 2	88+33, LT	PARK DISTRICT SHED	MAINTAIN WITH AGGREGATE FOR TEMPORARY ACCESS COORDINATE ALL CLOSURES WITH PARK DISTRICT
STAGE 2	90+46, LT	FOXWOOD COURT	STAGE CONSTRUCT TO MAINTAIN TWO-WAY TRAFFIC
STAGE 2	92+95, LT	S. BAYSHORE DR	MAY NOT BE CLOSED AT THE SAME TIME AS 97+03 (N. BAYSHORE DR)
STAGE 2	97+03, LT	N. BAYSHORE DR	MAY NOT BE CLOSED AT THE SAME TIME AS 92+96 (S. BAYSHORE DR)
STAGE 1	98+59, RT	KINDERCARE ENTRANCE	MAY NOT BE CLOSED AT THE SAME TIME AS 99+97 (S. SALEM PLAZA)
STAGE 1	99+97, RT	SOUTH SALEM PLAZA	MAY NOT BE CLOSED AT THE SAME TIME AS 98+59 (KINDERCARE ENTRANCE)
STAGE 1	103+29, RT	CENTRAL SALEM PLAZA	MAY NOT BE CLOSED AT THE SAME TIME AS 99+97 (S. SALEM PLAZA)
STAGE 2	104+50, LT	N. COLONY LAKE DR	MAY NOT BE CLOSED AT THE SAME TIME AS 83+83 (S. COLONY LAKE DR)
STAGE 2	104+96, LT	S. AUTO LOT	

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
4. ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
5. BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
6. BARRICADES OR DRUMS EQUIPPED WITH ONE-WAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES. BARRICADES SHALL BE PLACED AT 50' C-C ALONG TANGENTS, 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS.
7. DRUMS SHALL HAVE ALTERNATING REFLECTORIZED TYPE AA OR TYPE AP FLUORESCENT ORANGE AND REFLECTORIZED WHITE HORIZONTAL, CIRCUMFERENTIAL STRIPES.
8. DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE SUPPLEMENTAL SPECIAL PROVISION "WORK ZONE TRAFFIC CONTROL DEVICES".
9. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
10. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
11. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
12. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.

WHEN NECESSARY TO CLOSE ONE LANE OF THE ROADWAY ON TWO-LANE ROADS, THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC DURING THE RESTRICTED HOURS WITH THE USE OF SIGNS AND FLAGGERS AS SHOWN ON THE TRAFFIC CONTROL STANDARDS. WHEN NECESSARY TO CLOSE ONE LANE OF THE ROADWAY ON FOUR-LANE ROADS, THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC DURING THE RESTRICTED HOURS WITH THE USE OF SIGNS AND BARRICADES AS SHOWN ON THE TRAFFIC CONTROL STANDARDS. ALL EXISTING LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED BETWEEN 3:00 PM AND 9:00 AM WHEN NO CONSTRUCTION ACTIVITIES ARE BEING CARRIED ON. THE ENGINEER MAY WAIVE THE LANE CLOSURE TIME RESTRICTION AT HIS DISCRETION. THE CONTRACTOR SHALL LIMIT ANY DROP-OFF BETWEEN LANES TO 1 1/2" DURING ANY OVERNIGHT PERIOD.

14. "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.

15. "FRESH OIL" SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

16. THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

17. TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED ON ALL SURFACES OUTSIDE OF THE PROJECT LIMITS AND ON THE FINAL PAVEMENT SURFACE. THIS WORK SHALL BE PAID FOR AS "WET REFLECTIVE TEMPORARY TAPE TYPE III" OF THE SIZE SPECIFIED.

18. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

19. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

20. QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS, TEMPORARY PAVEMENT MARKINGS, AND WORK ZONE PAVEMENT MARKING REMOVAL ARE NOT INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.

21. THE "ROAD CLOSED" (R11-2) SIGNS SHALL BE MOUNTED ABOVE THE TYPE III BARRICADES. ALL TYPE III BARRICADES SHALL HAVE 2 AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINES OF THE SUPPORTS.

MAINTAINING ACCESS TO DRIVEWAYS IS OF THE UTMOST IMPORTANCE TO THE VILLAGE. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS WHEN DIRECTED BY THE ENGINEER:

1. THE CONTRACTOR SHALL WORK WITH ADJACENT BUSINESS OWNERS AND THE VILLAGE OF SCHAUMBURG TO DETERMINE DRIVEWAY RECONSTRUCTION SCHEDULING. ALL DRIVEWAY CLOSURES SHALL BE APPROVED BY THE ENGINEER.

2. TEMPORARY DRIVES SHALL BE CONSTRUCTED USING 100% RECYCLED ASPHALT PAVEMENT. THE WIDTH OF THE DRIVE SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOTE THAT THE TEMPORARY DRIVEWAY WIDTH MAY EXCEED THE WIDTH OF THE EXISTING DRIVEWAY.

THE COST OF PLACING, MAINTAINING AND REMOVING TEMPORARY DRIVES SHALL BE INCLUDED IN THE COST OF "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)" AND TEMPORARY ACCESS (RESIDENTIAL ENTRANCE)".

3. A 4" PVC DRAIN SHALL BE PLACED UNDER TEMPORARY DRIVES TO PROVIDE POSITIVE DRAINAGE WHEN THE ROADWAY IS EXCAVATED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "DRIVEWAY PAVEMENT REMOVAL".

4. QUANTITIES FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL) HAVE BEEN INCLUDED FOR USE IN FRONT OF THE DRIVEWAYS IN ORDER TO EXPEDITE THE COMPLETION OF THIS WORK. THIS WORK SHALL ONLY BE USED WHEN APPROVED BY THE ENGINEER.

5. ALL BARRICADES REQUIRED TO SUB-STAGE DRIVEWAY CONSTRUCTION AND MAINTAIN ACCESS TO DRIVEWAYS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

1. THE SIDEWALK ON ONE SIDE OF THE STREET MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. UTILITY RELOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND CONTRACTOR TO ENSURE ONE SIDEWALK REMAINS OPEN. SIGNING DIRECTING PEDESTRIANS TO THE OPEN SIDEWALK SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701801-05. THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."

2. TEMPORARY AGGREGATE REQUIRED TO MAINTAIN PEDESTRIAN ACCESS ACROSS THE WORKZONE SHALL BE INCLUDED IN THE COST OF "TEMPORARY ACCESS (ROAD)".

1. DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. DROP-OFFS GREATER THAN 24" MUST BE APPROVED BY THE ENGINEER. THE DROP-OFF WILL NOT BE ALLOWED FOR PERIODS LONGER THAN 96 HOURS AND TRAFFIC MUST BE MORE THAN 3' AWAY. DROP-OFFS GREATER THAN 18" WILL NOT BE ALLOWED WHEN TRAFFIC IS 3' OR LESS FROM THE DROP-OFF FOR PERIODS LONGER THAN 96 HOURS. THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE MAXIMUM ALLOWED IF THE EXCAVATION IS TO REMAIN FOR MORE THAN 96 HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THIS TIME LIMIT. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.

FRESH OIL W21-2 48"X48" BUMP W8-1 30"X30"

TO BE PLACED AS DIRECTED
BY THE ENGINEER

**NEW LANES
OPEN
STOP HERE**



SPECIAL
48"X36"

W16-7P(0)
24''X12''

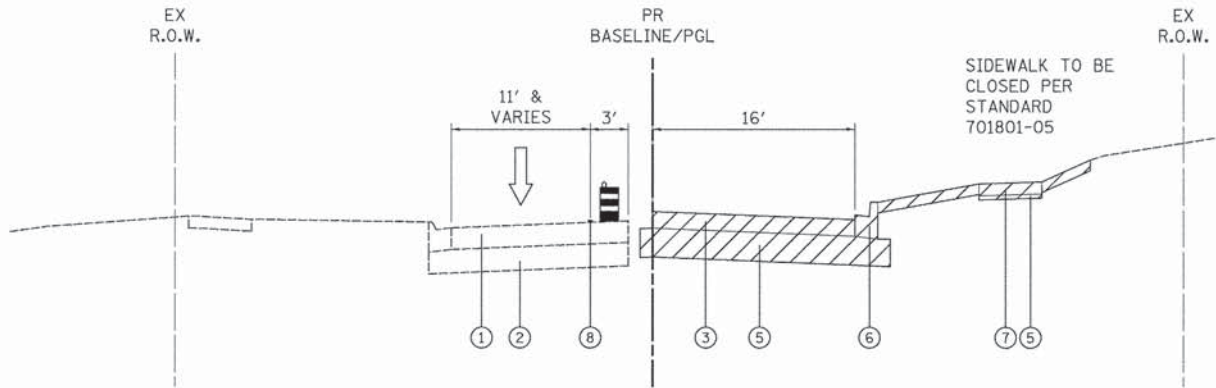
TO BE PLACED ON SIDE ROADS
AND DRIVEWAYS IN STAGE 2.
LETTERS SHALL BE 6" HEIGHT.
BORDER SHALL BE 4" SPACE.
TEXT LINE SPACING SHALL BE 5".

FILE NAME	USER NAME = jat	DESIGNED = JAT	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SALEM DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN = JAT	REVISED =		MAINTENANCE OF TRAFFIC GENERAL NOTES			1101	09-00099-00-PV	COOK	107	24	
	PLOT SCALE = 50.0000' / in.	CHECKED = DJK	REVISED =					CONTRACT NO. 61A69					
	PLOT DATE = 9/3/2014	DATE = 08/18/2014	REVISED =		SCALE: N.T.S.	SHEET NO. 1 OF 1	SHEETS	ILLINOIS FED. AID PROJECT M-4003(370)					

PLAN	DATE	BY
	SURVEYED	
	ALIGNED	
	CHECKED	
NOTE BOOK		
NO.		

PROFILE	DATE	BY
	SURVEYED	
	GRADES CHECKED	
	B.M. NOTED	
NOTE BOOK		
NO.		

FILE NAME = ...\\08-MOT\2787.MOT-tyr-01.dgn



STAGE 1 TYPICAL SECTION

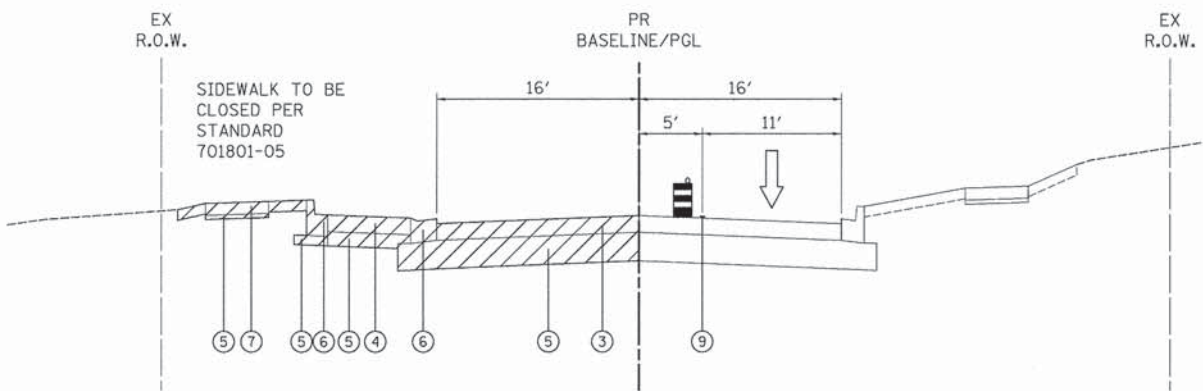
LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING STONE BASE
- ③ PROPOSED HMA BINDER
- ④ PROPOSED PCC DRIVEWAY PAVEMENT W/ PAVEMENT FABRIC
- ⑤ PROPOSED AGGREGATE SUBGRADE
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PROPOSED PCC SIDEWALK
- ⑧ LINE 4" (YELLOW EDGE LINE)
- ⑨ LINE 4" (WHITE EDGE LINE)

CONSTRUCTION ZONE

TRAFFIC FLOW

DRUMS WITH MONO DIRECTIONAL STEADY BURN LIGHT



STAGE 2 TYPICAL SECTION

USER NAME = djk	DESIGNED - JSM	REVISED -
	DRAWN - JSM	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

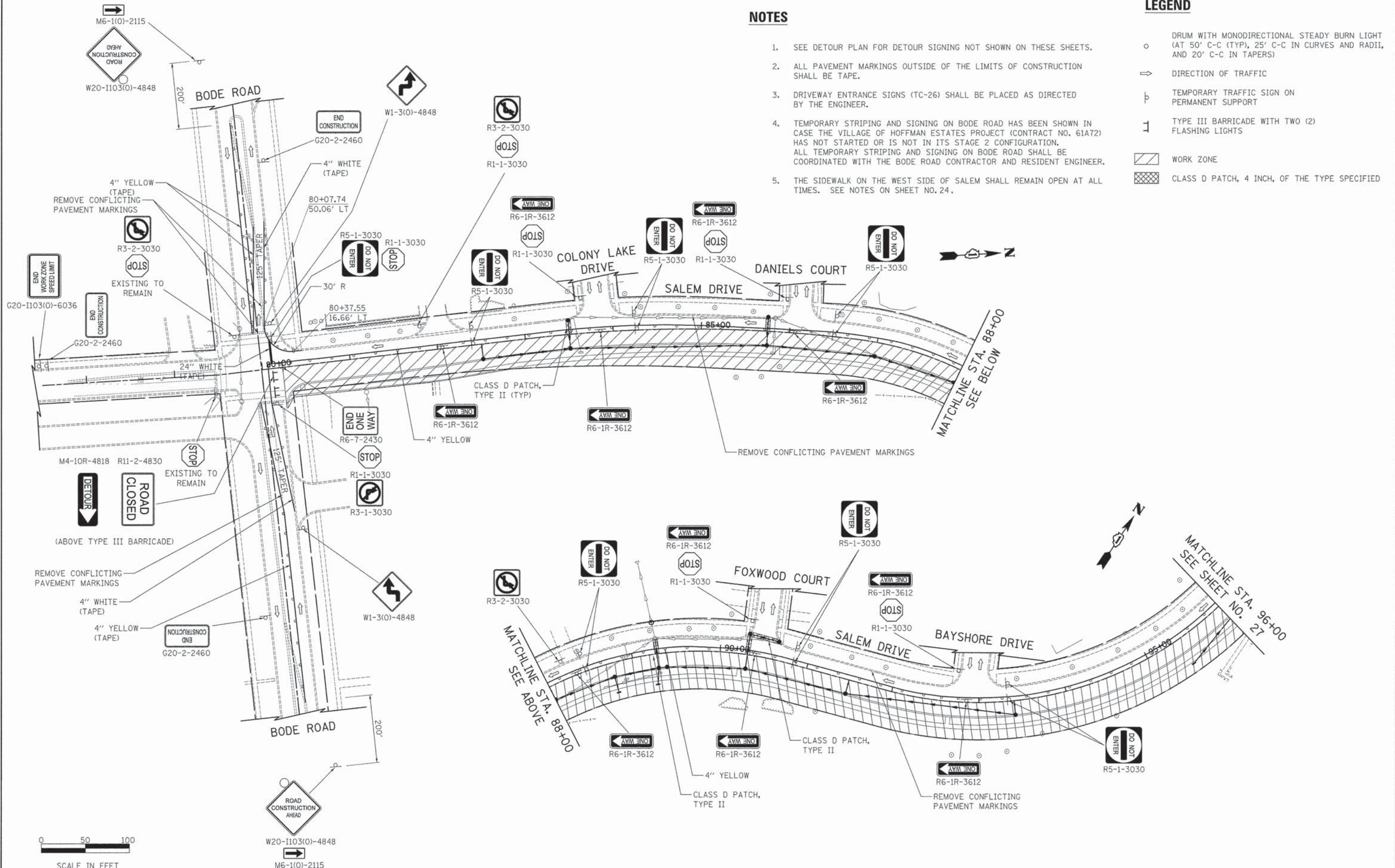
SALEM DRIVE	
MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	25
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		

PROFILE	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		

FILE NAME = ...\\08-MOT-2787-MOT_01.dgn



NOTES

- SEE DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
- ALL PAVEMENT MARKINGS OUTSIDE OF THE LIMITS OF CONSTRUCTION SHALL BE TAPE.
- DRIVEWAY ENTRANCE SIGNS (TC-26) SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
- TEMPORARY STRIPING AND SIGNING ON BODE ROAD HAS BEEN SHOWN IN CASE THE VILLAGE OF HOFFMAN ESTATES PROJECT (CONTRACT NO. 61A72) HAS NOT STARTED OR IS NOT IN ITS STAGE 2 CONFIGURATION. ALL TEMPORARY STRIPING AND SIGNING ON BODE ROAD SHALL BE COORDINATED WITH THE BODE ROAD CONTRACTOR AND RESIDENT ENGINEER.
- THE SIDEWALK ON THE WEST SIDE OF SALEM SHALL REMAIN OPEN AT ALL TIMES. SEE NOTES ON SHEET NO. 24.

LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT (AT 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS)
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- WORK ZONE
- CLASS D PATCH, 4 INCH, OF THE TYPE SPECIFIED

0 50 100
SCALE IN FEET



USER NAME = jat	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 9/3/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
MAINTENANCE OF TRAFFIC - STAGE 1

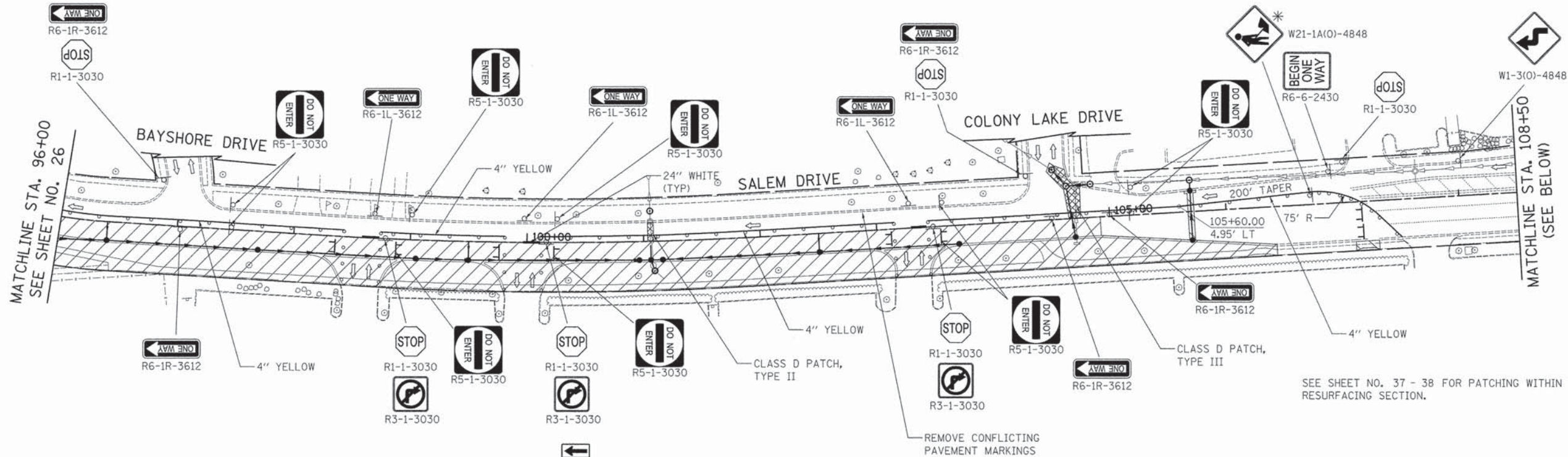
SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	26
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

NOTES

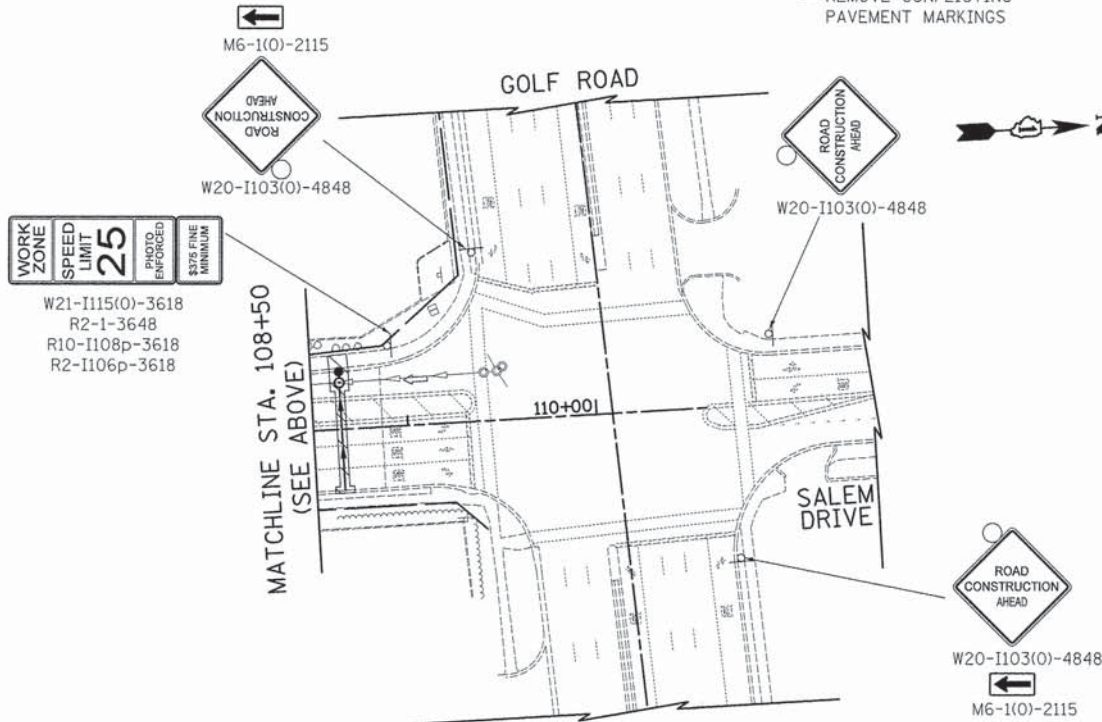
1. SEE DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. ALL PAVEMENT MARKINGS OUTSIDE OF THE LIMITS OF CONSTRUCTION SHALL BE TAPE.
3. DRIVEWAY ENTRANCE SIGNS (TC-26) SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
4. THE SIDEWALK ON THE WEST SIDE OF SALEM SHALL REMAIN OPEN AT ALL TIMES. SEE NOTES ON SHEET NO.24.

* MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT (AT 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS)
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- ▨ WORK ZONE
- ▨ CLASS D PATCH, 4 INCH, OF THE TYPE SPECIFIED



USER NAME = jat	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 9/3/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
MAINTENANCE OF TRAFFIC - STAGE 1

SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS

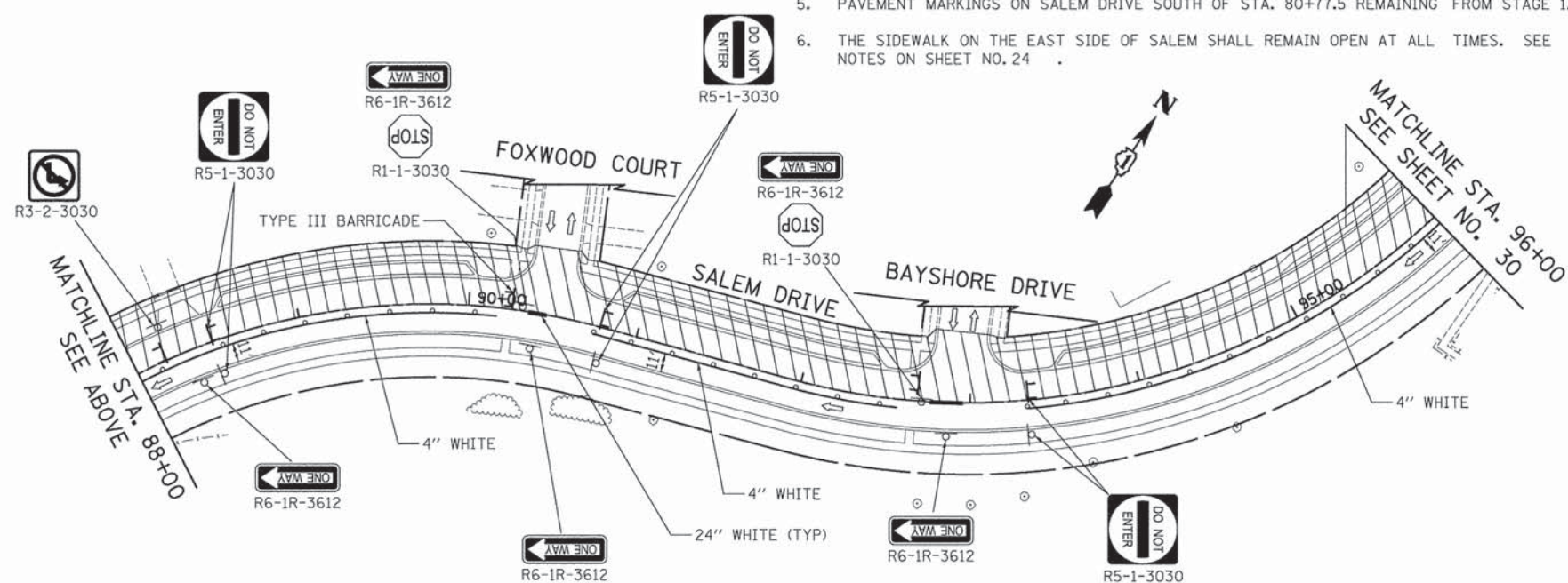
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	27
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	28
CONTRACT NO. 61A6				
ILLINOIS FED. AID PROJECT M-400(370)				



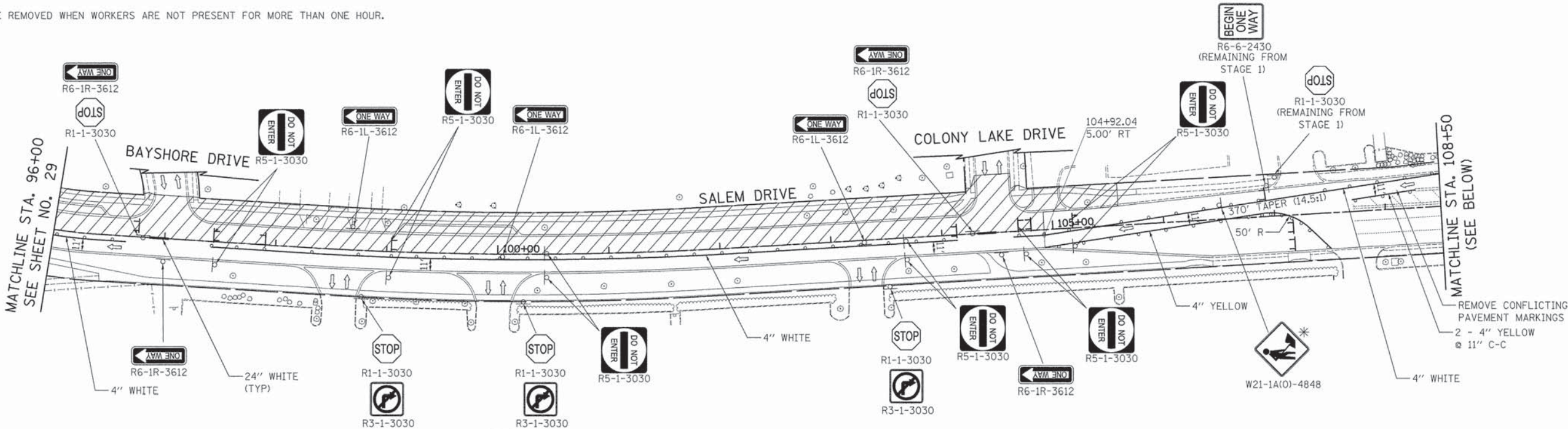
1. SEE DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. ALL PAVEMENT MARKINGS OUTSIDE OF THE LIMITS OF CONSTRUCTION SHALL BE TAPE.
3. DRIVEWAY ENTRANCE SIGNS (TC-26) SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
4. TEMPORARY STRIPING AND SIGNING ON BODE ROAD HAS BEEN SHOWN IN CASE THE VILLAGE OF HOFFMAN ESTATES PROJECT (CONTRACT NO. 61A72) HAS NOT STARTED OR IS NOT IN ITS STAGE 2 CONFIGURATION. ALL TEMPORARY STRIPING AND SIGNING ON BODE ROAD SHALL BE COORDINATED WITH THE BODE ROAD CONTRACTOR AND RESIDENT ENGINEER.
5. PAVEMENT MARKINGS ON SALEM DRIVE SOUTH OF STA. 80+77.5 REMAINING FROM STAGE 1A.
6. THE SIDEWALK ON THE EAST SIDE OF SALEM SHALL REMAIN OPEN AT ALL TIMES. SEE NOTES ON SHEET NO. 24 .



NOTES

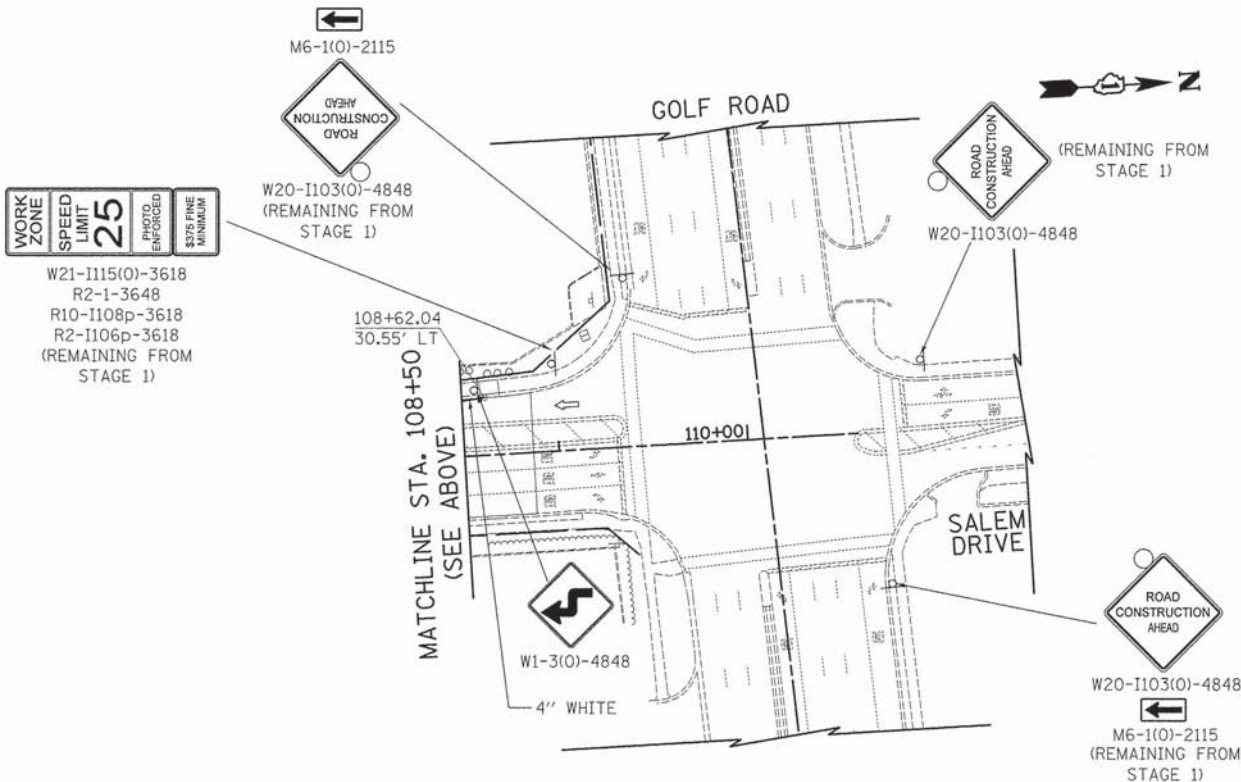
1. SEE DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. ALL PAVEMENT MARKINGS OUTSIDE OF THE LIMITS OF CONSTRUCTION SHALL BE TAPE.
3. DRIVEWAY ENTRANCE SIGNS (TC-26) SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
5. THE SIDEWALK ON THE EAST SIDE OF SALEM SHALL REMAIN OPEN AT ALL TIMES. SEE NOTES ON SHEET NO. 24.

* MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT (AT 50' C-C (TYP), 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS)
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- ▨ WORK ZONE
- ▨ CLASS D PATCH, 4 INCH, OF THE TYPE SPECIFIED



USER NAME = jst	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 50,0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 9/3/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	30
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	DATE
	NOTED	BY
	ALIGNED	CHECKED
	RT. OF WAY	CHECKED
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	NOTED	BY
	STRUCTURE	NOTED
	STRUCTURE	NOTED
NOTE BOOK NO.	STRUCTURE	NOTED

FILE NAME = ...\\88-MGT\27872\Detour Notes.dgn

LEGEND



SIGNALIZED INTERSECTION



48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)



M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)



OTHER DETOUR SIGN (NUMBER DENOTES TYPE)



TYPE III BARRICADE WITH AMBER FLASHING LIGHTS



DETOUR ROUTE



DETOUR ROUTE DIRECTION



BICYCLE DETOUR ROUTE



SIGN POST (7' HEIGHT, TYP)
ALL SIGNS TO BE POST-MOUNTED WHEREVER POSSIBLE (SEE NOTE 9)

DETOUR GENERAL NOTES

- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE CONTRACTOR SHALL CONTACT THE VILLAGE, POLICE DEPARTMENT, FIRE DEPARTMENT AND SCHOOL DISTRICT (SEE CONTACT INFORMATION ON THE GENERAL NOTES SHEETS).
- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AND AS DIRECTED BY THE ENGINEER.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
- ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE, AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
- ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE DETOUR PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST MOUNTED IN THE GROUND PER ARTICLE 701.14 AND STANDARD 701901.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
- THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6".
- AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
- THE "ROAD CLOSED" (R11-2 & R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TYPE III BARRICADES. ALL TYPE III BARRICADES SHALL HAVE 2 AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINES OF THE SUPPORTS.
- THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE REOPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- THE COST OF THIS WORK FOR THE DETOUR SHALL BE INCLUDED IN THE UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

SIGN NO.		SIGN TYPE
1		W20-I103(O)-4848
2		W20-2(O)-48
3		W20-2(O)-48
4		M3-1(O)-2412
5		W17-I100(O)-2412 5" BLACK LETTERS ON ORANGE BACKGROUND
6		M4-9R(O)-3030
7		M4-9R(O)-3024
8		M4-9(O)-3030
9		M4-9L(O)-3030
10		M4-9L(O)-3024
11		SPECIAL(O)-3642 5" BLACK LETTERS ON ORANGE BACKGROUND
12	TEMPORARY INFORMATION SIGN (SEE DISTRICT DETAIL TC-22 ON SHEET NO. 74 FOR DETAILS)	
13	NOT USED	
14	NOT USED	
15		M6-1(O)-2115
16		M4-8a(O)-2418
17		W20-2(O)-48
18		M4-9C-30x24
19		M4-9C-30x24
20		M4-9C-30x30
21		R9-7-1218
22		M3-3(O)-2412



USER NAME = djc	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - DJC	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
DETOUR NOTES

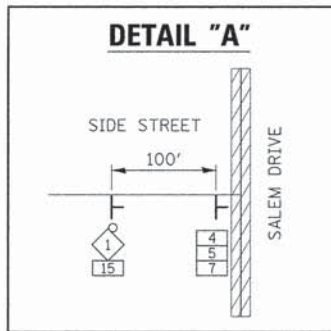
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	31
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		
BY		
NO.		

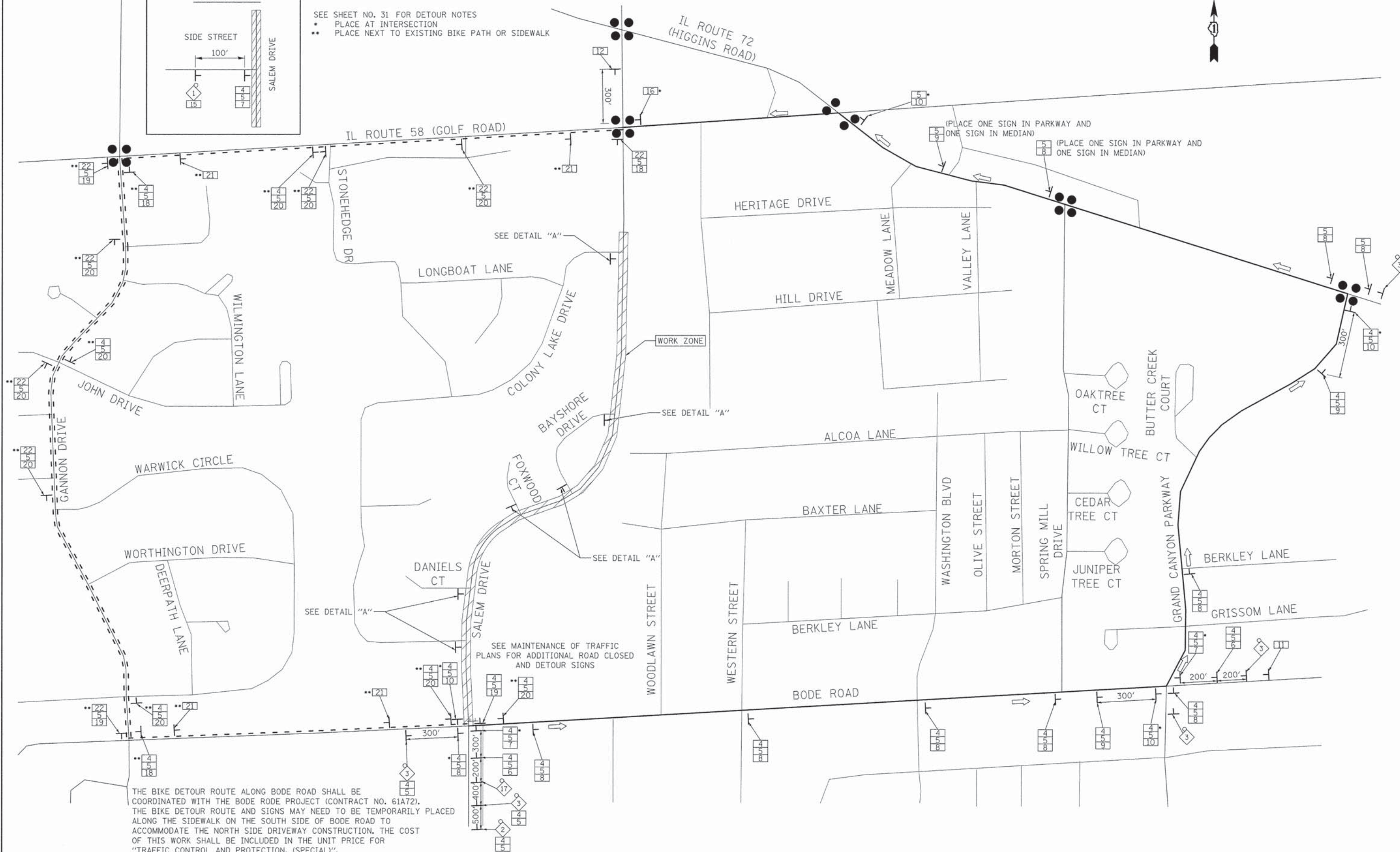
PROFILE	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		
BY		
NO.		

FILE NAME = ...\\server1\08-401\127872\08-401.dgn



NOTES

- SEE SHEET NO. 31 FOR DETOUR NOTES
- PLACE AT INTERSECTION
 - PLACE NEXT TO EXISTING BIKE PATH OR SIDEWALK



USER NAME = jat	DESIGNED - JAT	REVISED -
PLOT SCALE = 50,000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 9/3/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
DETOUR PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS

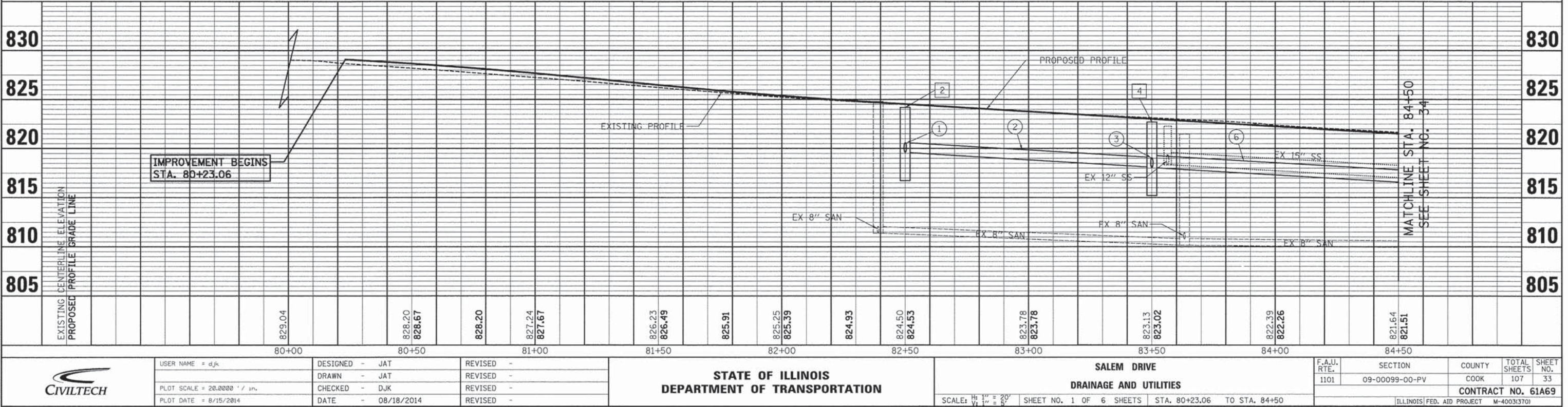
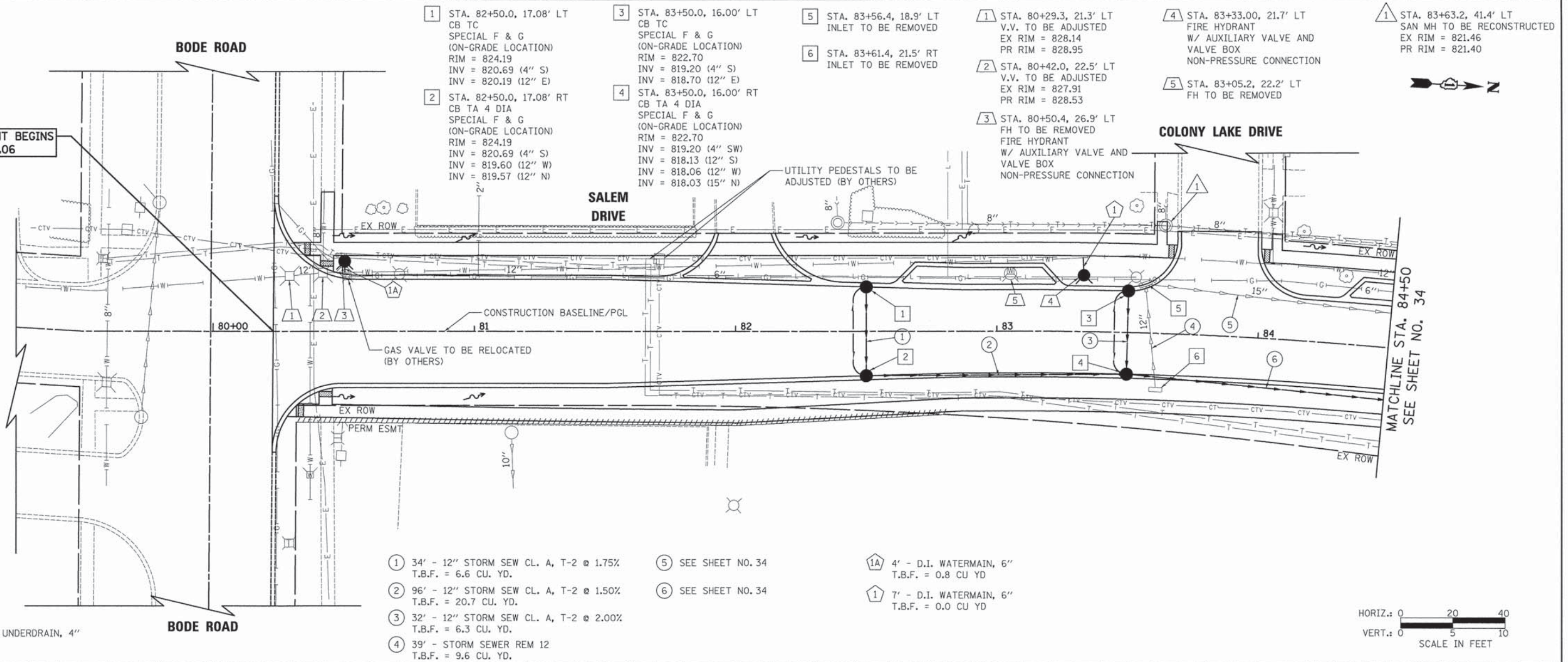
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	32
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	NO.	
RT. OF WAY CHECKED	NO.	
ADD FILE NAME	NO.	

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	NO.	
RT. OF WAY CHECKED	NO.	
STRUCTURE NOTATIONS CHECKED	NO.	

FILE NAME = ..\2787.DWG.dgn

IMPROVEMENT BEGINS
STA. 80+23.06



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DESIGNED - JAT
DRAWN - JAT
CHECKED - DJK
PLOT SCALE = 20.0000' / in.
PLOT DATE = 8/15/2014

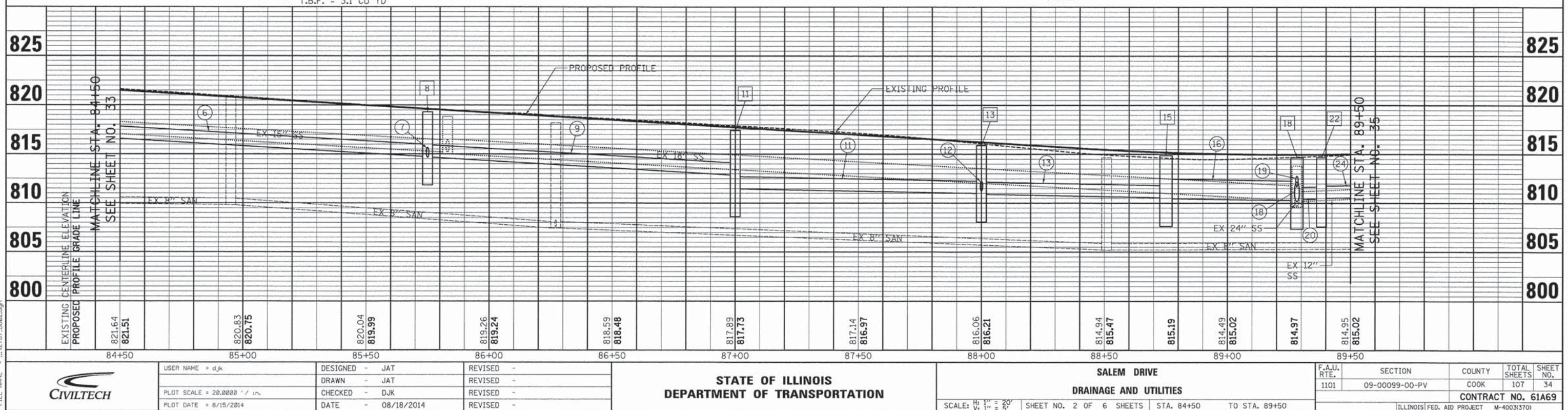
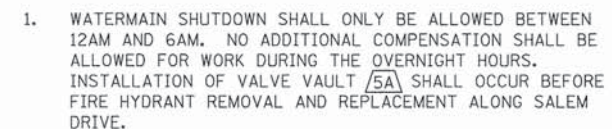
REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
DRAINAGE AND UTILITIES
SCALE: H: 1" = 20'
V: 1" = 5'
SHEET NO. 1 OF 6 SHEETS
STA. 80+23.06 TO STA. 84+50

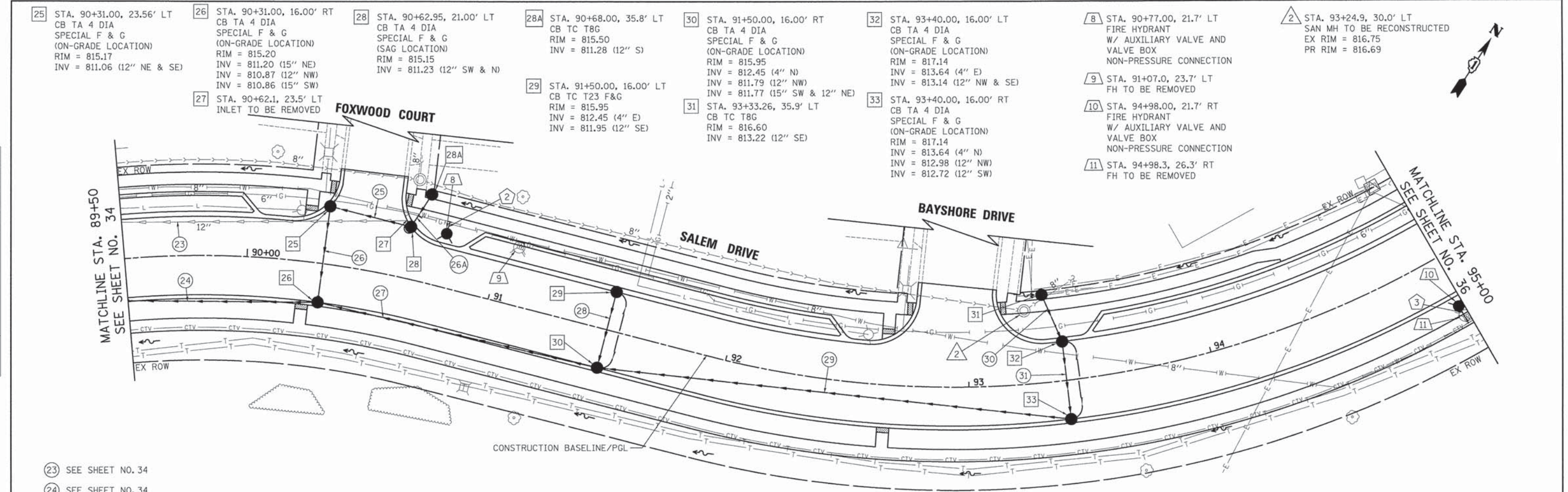
F.A.U. RTE. 1101
SECTION 09-00099-00-PV
COUNTY COOK
TOTAL SHEETS 107
SHEET NO. 33
CONTRACT NO. 61A69
ILLINOIS FED. AID PROJECT M-400313701

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTED/VS CHKD _____		



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

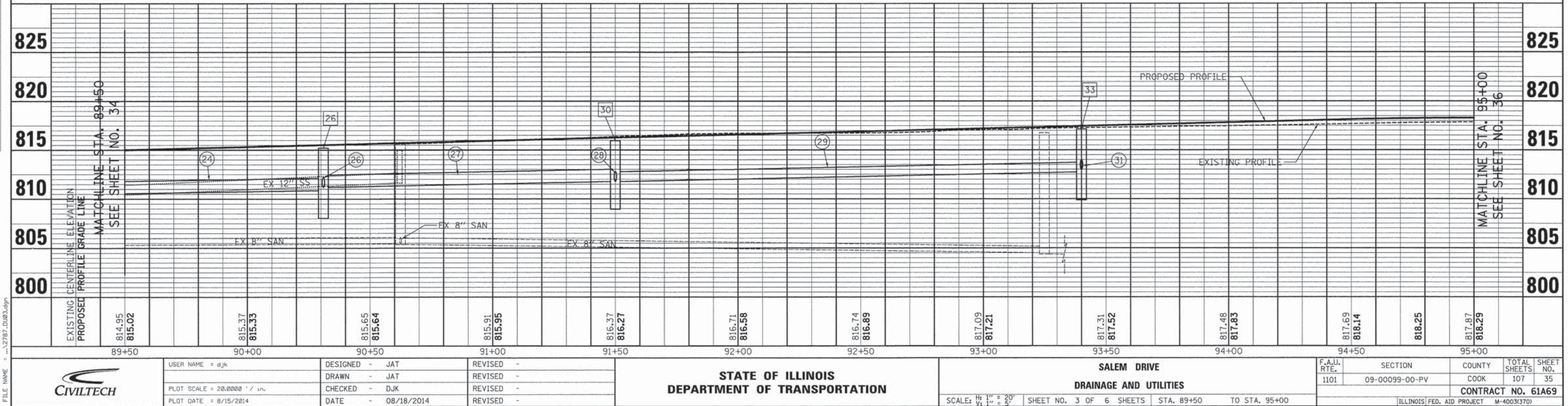
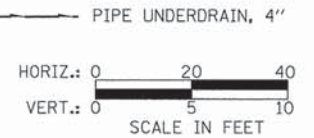
PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
	RT. OF WAY CHECKED	
NO.	CADD FILE NAME	



- 23 SEE SHEET NO. 34
- 24 SEE SHEET NO. 34
- 25 34' - 12" STORM SEW WM REQ @ 0.50%
T.B.F. = 5.6 CU. YD.
- 26 38' - 12" STORM SEW CL. A, T-1 @ 0.50%
T.B.F. = 6.6 CU. YD.
- 26A 11' - 12" STORM SEW WM REQ @ 0.50%
T.B.F. = 2.4 CU. YD.
- 27 113' - 15" STORM SEW CL. A, T-1 @ 0.50%
T.B.F. = 17.6 CU. YD.
- 28 32' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 5.3 CU. YD.
- 29 190' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 36.9 CU. YD.
- 30 16' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 2.1 CU. YD.
- 31 32' - 12" STORM SEW WM REQ @ 0.50%
T.B.F. = 5.3 CU. YD.

- 2 5' - D.I. WATERMAIN, 6"
T.B.F. = 0.0 CU. YD.
- 3 8' - D.I. WATERMAIN, 6"
T.B.F. = 4.8 CU. YD.

LEGEND



PLAN	DATE	BY
SURVEYED		
DESIGNED		
CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
DESIGNED		
CHECKED		
NO.		

FILE NAME = ...2787.DWG.dgn

- 34

STA. 95+40.00, 32.5' RT
INLET TA T8G
RIM = 819.04
INV = 816.08 (12" N)

34A

STA. 96+75.00, 36.1' LT
CB TC T8G
RIM = 816.50
INV = 814.27 (12" SE)
- 35

STA. 96+40.00, 16.00' LT
CB TA 4 DIA T23 F&G
RIM = 817.48
INV = 814.09 (4" S)
INV = 814.09 (12" E & NW)

36

STA. 96+40.00, 16.00' RT
CB TA 4 DIA
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 817.48
INV = 813.98 (4" SW)
INV = 814.00 (12" S)
INV = 813.95 (12" W & 12" N)
- 36A

STA. 97+33.00, 36.2' LT
INLET TA T8G
RIM = 816.09
INV = 813.59 (12" NE)

37

STA. 97+70.00, 16.00' RT
CB TA 4 DIA
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 816.61
INV = 813.40 (12" S)
INV = 811.81 (12" N)
- 38

STA. 98+35.00, 16.00' LT
CB TA 4 DIA
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 816.17
INV = 813.09 (12" SW)
INV = 812.67 (4" S)
INV = 811.95 (12" N)

39

STA. 99+05.00, 16.00' RT
CB TA 4 DIA
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 815.70
INV = 812.20 (4" W)
INV = 811.16 (12" S)
INV = 811.06 (18" N)
- 40

STA. 99+50.00, 16.00' LT
CB TA 4 DIA T23 F&G
RIM = 815.40
INV = 811.40 (12" S)
INV = 811.30 (12" E)

41

STA. 99+50.00, 16.00' RT
CB TA 4 DIA
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 815.40
INV = 811.14 (12" W)
INV = 810.85 (18" S)
INV = 810.75 (18" N)
- 12

STA. 97+01.3, 31.2' RT
V.V. TO BE ADJUSTED
EX RIM = 818.98
PR RIM = 819.73

13

STA. 97+25.0, 27.7' RT
V.V. TO BE ADJUSTED
EX RIM = 818.40
PR RIM = 818.92
- 14

STA. 97+37.4, 23.3' RT
V.V. TO BE ADJUSTED
EX RIM = 816.42
PR RIM = 818.11

15

STA. 98+23.9, 33.5' RT
V.V. TO BE ADJUSTED
EX RIM = 817.33
PR RIM = 817.67
- 16

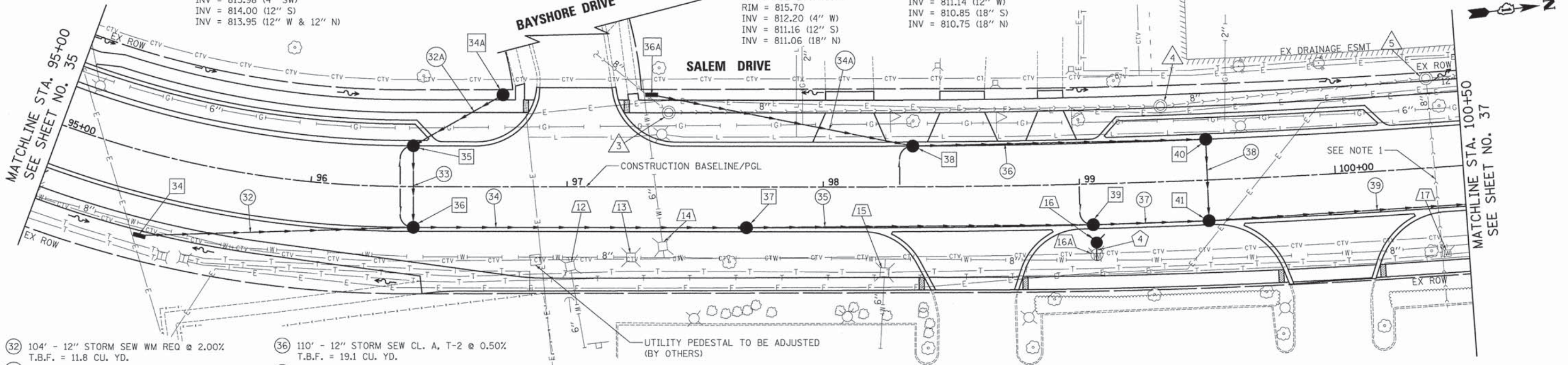
STA. 99+06.1, 23.0' RT
FIRE HYDRANT
W/ AUXILIARY VALVE AND
VALVE BOX
NON-PRESSURE CONNECTION

16A

STA. 99+06.2, 27.8' RT
FH TO BE REMOVED

17

STA. 100+41.6, 33.9' RT
VALVE BOXES TO BE ADJUSTED



- 32

104' - 12" STORM SEW WM REQ @ 2.00%
T.B.F. = 11.8 CU. YD.
- 32A

35' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 3.7 CU. YD.
- 33

32' - 12" STORM SEW CL. A, T-1 @ 0.44%
T.B.F. = 4.3 CU. YD.
- 34

126' - 12" STORM SEW WM REQ @ 0.44%
T.B.F. = 16.7 CU. YD.
- 34A

101' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 11.9 CU. YD.
- 35

131' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 29.7 CU. YD.
- 36

110' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 19.1 CU. YD.
- 37

41' - 18" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 8.5 CU. YD.
- 38

32' - 12" STORM SEW CL. A, T-2 @ 0.50%
T.B.F. = 5.6 CU. YD.
- 39

SEE SHEET NO. 37
- 4

7' - D.I. WATERMAIN, 6"
T.B.F. = 0.0 CU. YD.

NOTES

1. THE CONTRACTOR SHALL EXPOSE THE EXISTING SANITARY SEWER AT STA. 100+39 PRIOR TO STARTING THE INSTALLATION OF THE STORM SEWER AT PROPOSED STRUCTURE 47. THIS WORK SHALL BE PAID FOR "EXPLORATION TRENCH, SPECIAL". ADJUSTMENTS TO THE PROPOSED INVERTS SHALL BE MADE IF NECESSARY TO PROVIDE A MINIMUM OF 6" CLEARANCE.

- 3

STA. 97+39.7, 29.2' LT
SAN MH TO BE RECONSTRUCTED
EX RIM = 816.63
PR RIM = 816.87
- 4

STA. 99+32.7, 29.7' LT
SAN MH TO BE RECONSTRUCTED
EX RIM = 815.57
PR RIM = 816.13

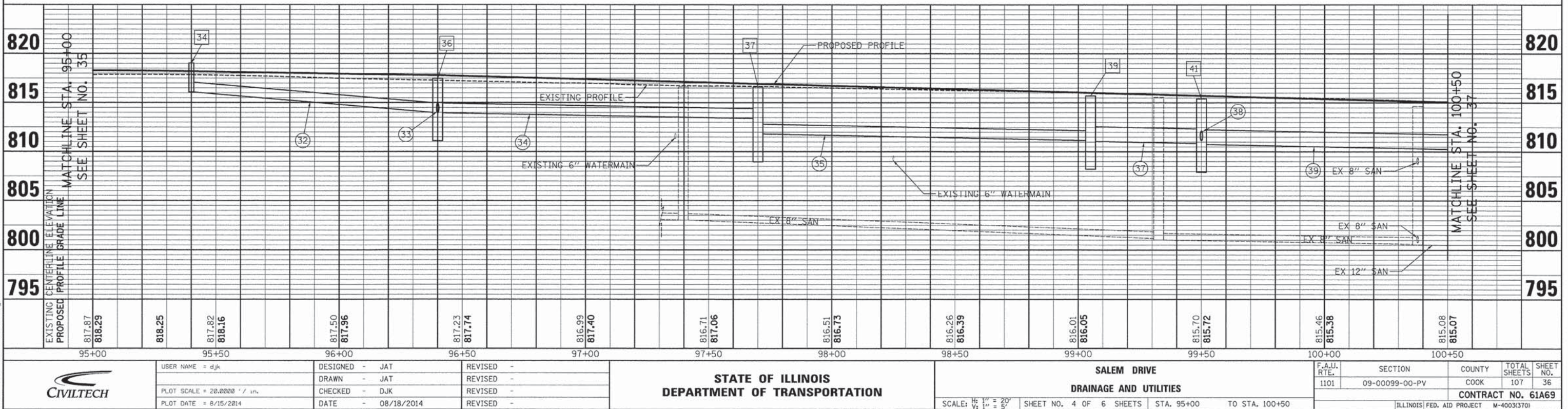
- 5

STA. 100+37.8, 35.1' LT
SAN MH TO BE RECONSTRUCTED
EX RIM = 814.65
PR RIM = 814.79

LEGEND

PIPE UNDERDRAIN, 4"

HORIZ.: 0 20 40
VERT.: 0 5 10
SCALE IN FEET



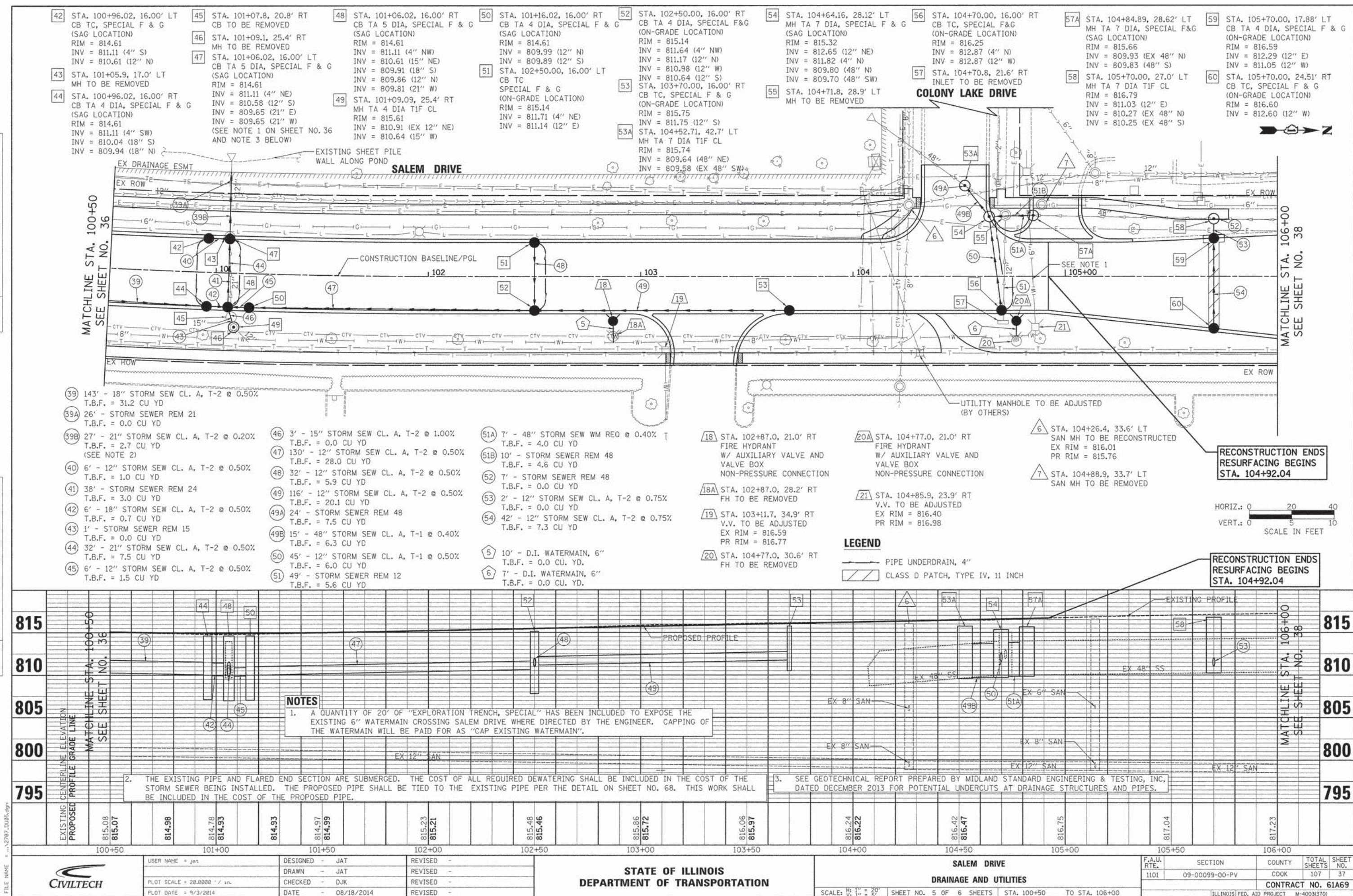
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PLOT SCALE = 20.0000' / in.	DRAWN - JAT	REVISED -
PLOT DATE = 8/15/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 20' V: 1" = 5'	SHEET NO. 4 OF 6 SHEETS	STA. 95+00 TO STA. 100+50
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F.A.U. RTE. 1101	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 36
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003G3701				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	NOTE BOOK _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		
NO. _____			



PLAN	DATE
SURVEYED	BY
ALIGNED	DATE
CHECKED	
NO.	

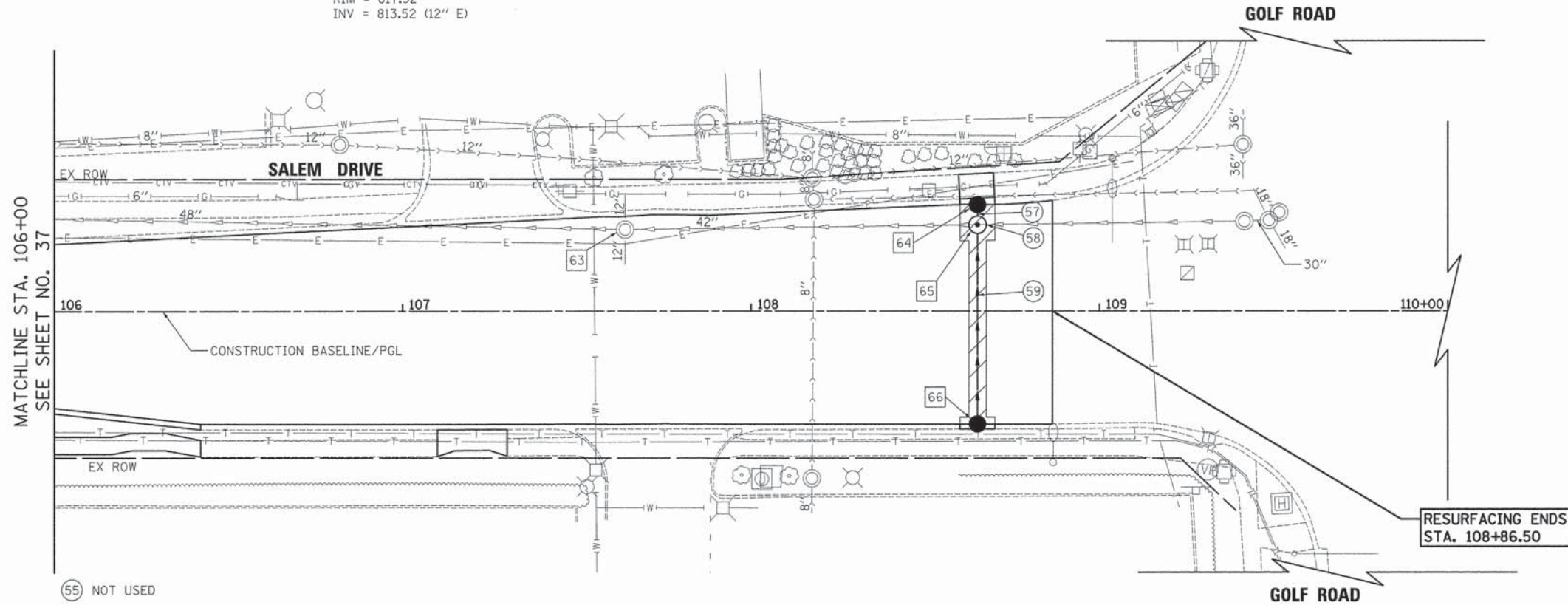
PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	DATE
NO.	

61 NOT USED
62 NOT USED

63 STA. 107+63.9, 23.4' LT
FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
64 STA. 108+65.00, 30.49' LT
CB TC
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 817.52
INV = 813.52 (12" E)

65 STA. 108+65.00, 24.7' LT
MH TA 6 DIA TIF CL
RIM = 817.66
INV = 813.48 (12" W)
INV = 813.31 (12" E)
INV = 810.73 (EX 42" N)
INV = 810.73 (EX 42" S)

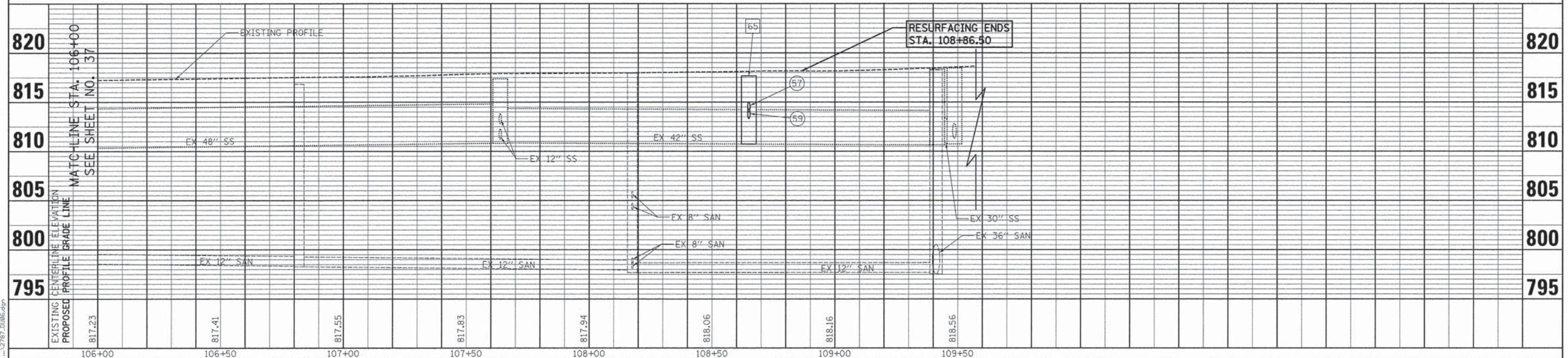
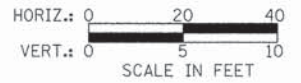
66 STA. 108+65.00, 32.42' RT
CB TC
SPECIAL F & G
(ON-GRADE LOCATION)
RIM = 817.62
INV = 814.12 (12" W)



LEGEND

- PIPE UNDERDRAIN, 4"
- CLASS D PATCH, TYPE IV, 11 INCH

55 NOT USED
56 NOT USED
57 3' - 12" STORM SEW CL. A, T-2 @ 1.50%
T.B.F. = 0.8 CU YD
58 6' - STORM SEWER REM 42
T.B.F. = 0.0 CU YD
59 54' - 12" STORM SEW CL. A, T-2 @ 1.50%
T.B.F. = 12.8 CU YD



USER NAME = jst	DESIGNED - JAT	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - JAT	REVISED -
PLOT DATE = 9/3/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE	SCALE: H: 1" = 20'
DRAINAGE AND UTILITIES	V: 1" = 5'
SHEET NO. 6 OF 6 SHEETS	STA. 106+00 TO STA. 108+65.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	38
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

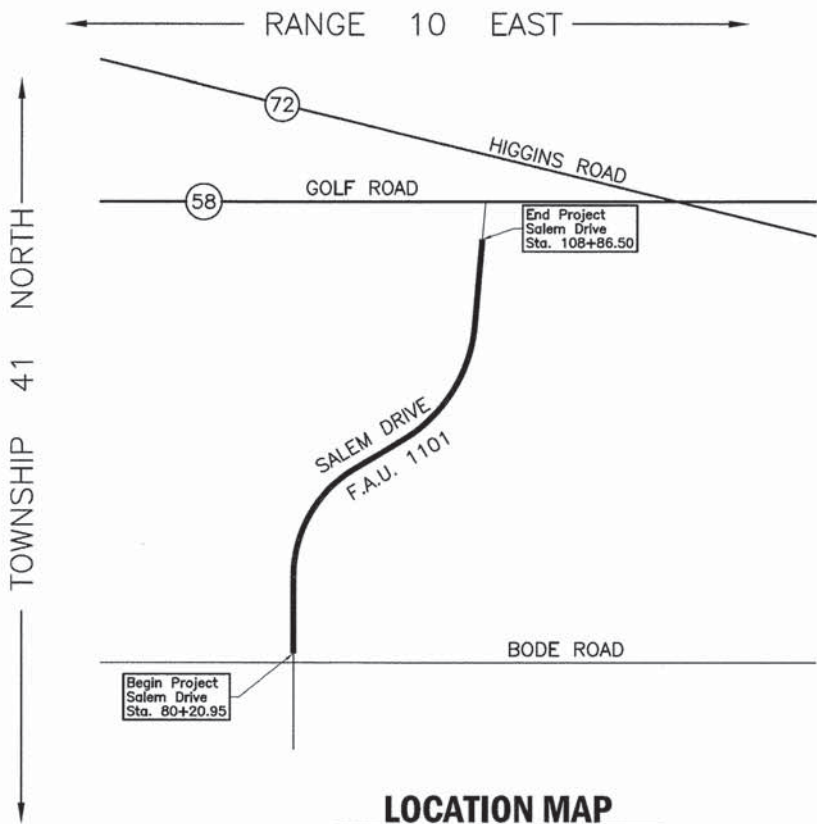
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	PLOTTED		
	NOTED		
	NOTE BOOK NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NOTE BOOK NO.		

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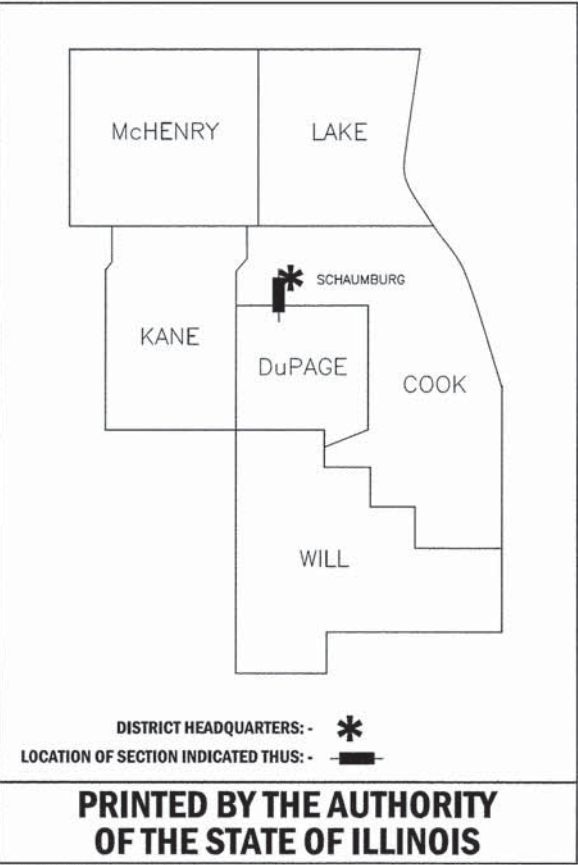
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

ROUTE: F.A.U. 1101 (SALEM DRIVE)
SECTION: 09-00099-00-PV
COUNTY: COOK
LIMITS: BODE ROAD TO GOLF ROAD
JOB NO.: R-55-001-97



LOCATION MAP

PROJECT LENGTH = 2,865.55 LIN. FT. = 0.543 MILE, SALEM DRIVE



JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001P.E.	School Board of Community Consolidated School District No. 54, Schaumburg Township Elementary Schools, which acquired title as Trustees of Schools of Township 41 North, Range 10 East of the Third Principal Meridian, Cook County, Illinois, as Trustee for the use and benefit of Schaumburg Township Elementary Schools Community Consolidated School District No. 54, Cook County, Illinois	2	



USER NAME = djc	DESIGNED - JAT	REVISED -
	DRAWN - JAT	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

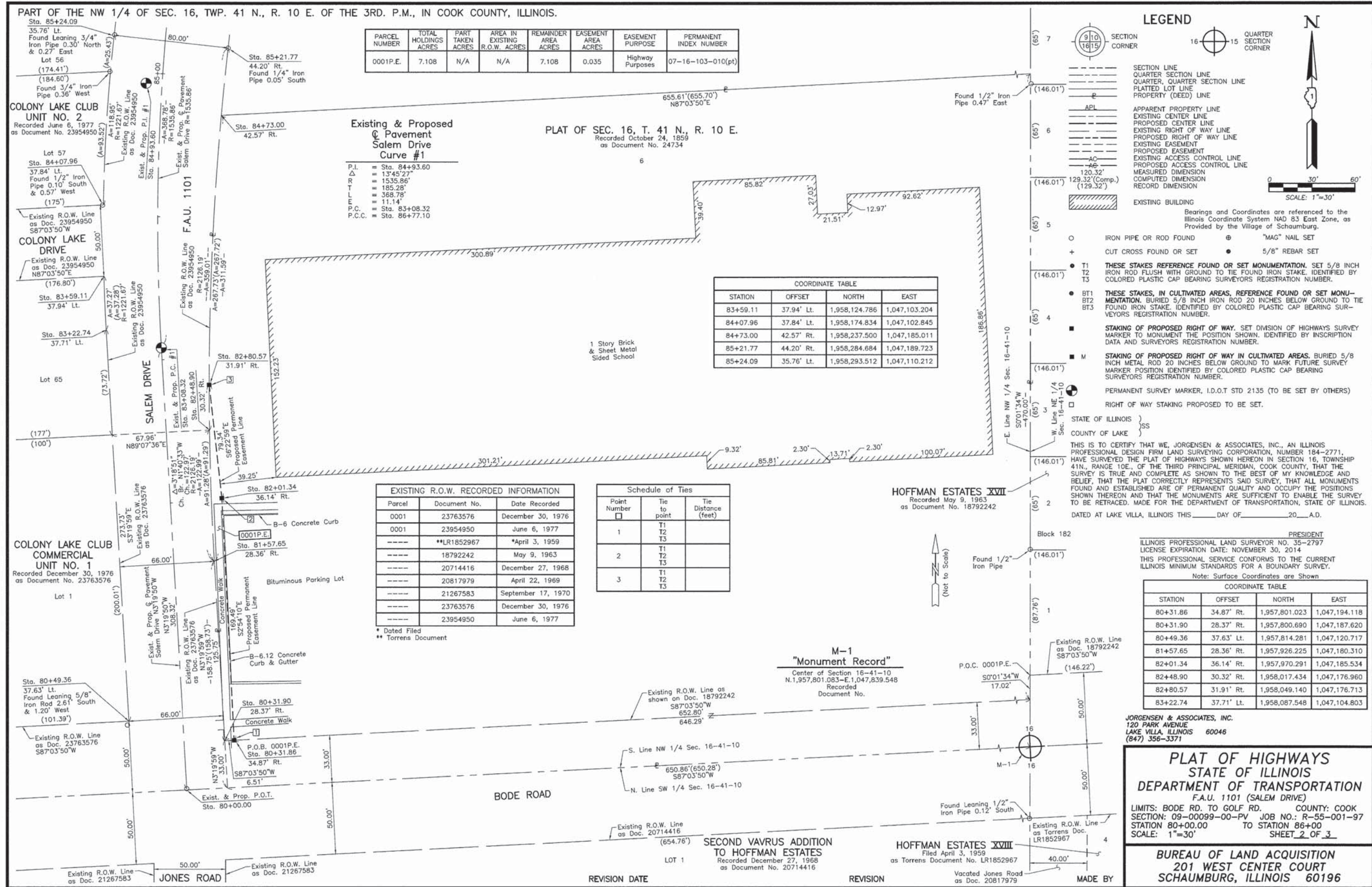
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE PLAT OF HIGHWAYS
SCALE: N.T.S.
SHEET NO. 1 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	39
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PROFILE	SURVEYED _____ BY _____ DATE _____
	PLOTTED _____
NOTE BOOK _____	GRADES CHECKED _____
NO. _____	B.M. NOTED _____
	STRUCTURE NOTATIONS CHECKED _____

FILE NAME = ... \2787_Plots.dgn



USER NAME = djk	DESIGNED - JAT
	DRAWN - JAT
PLOT SCALE = 10.0000' / in.	CHECKED - DJK
PLOT DATE = 8/15/2014	DATE - 08/18/2014

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DISTRICT	
PLAT OF HIGHWAYS	
SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	40
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

FILE NAME = ... \2787_Plots.dgn

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NO.	PLANNED		
	NOTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NO.	PLANNED		
	NOTED		
	B.M. NOTED		
	STRUCTURE NOTATNS CHKD		

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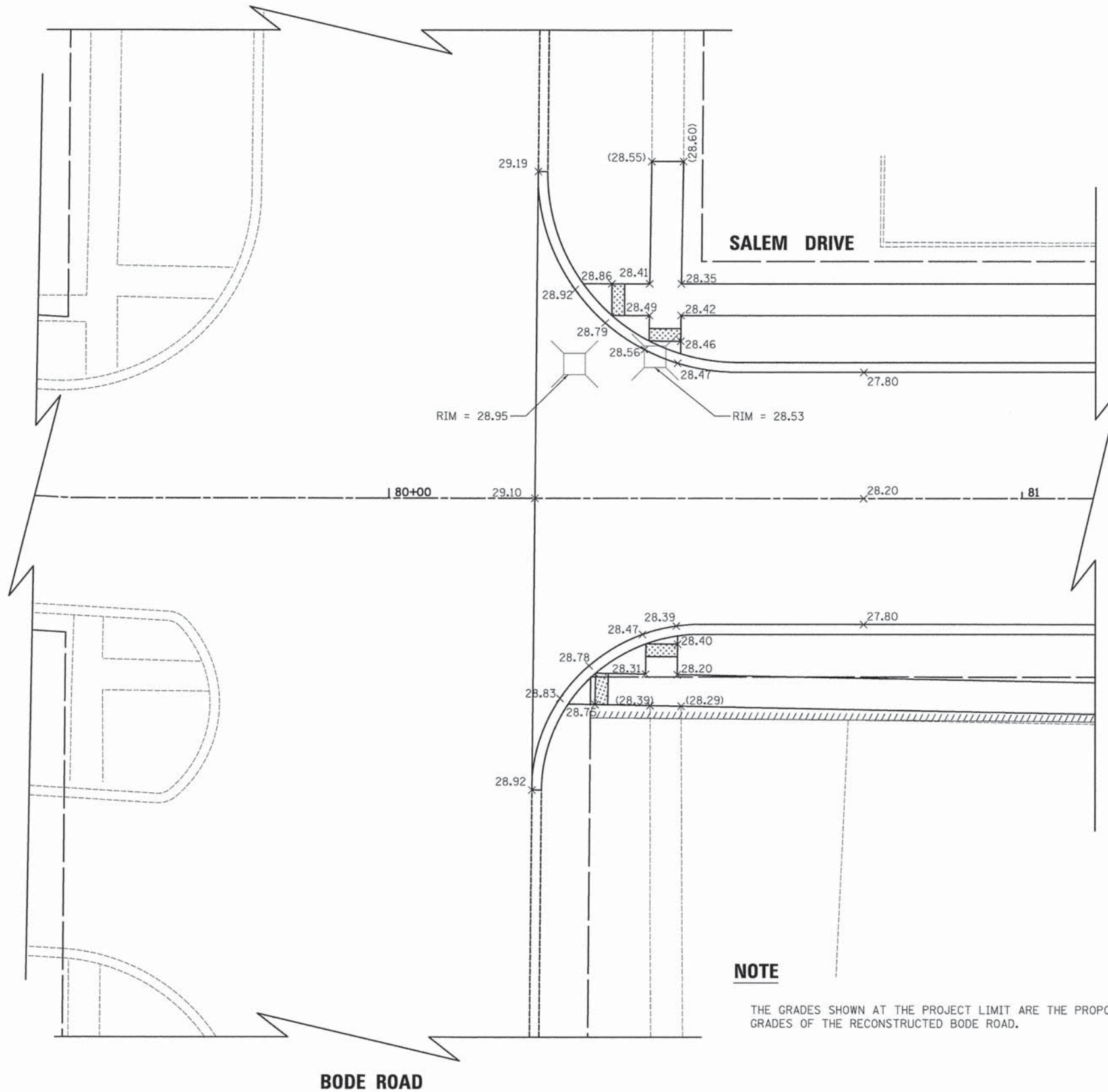


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	DRAWN - KDC	REVISED -
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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE INTERSECTION GRADING PLAN	
SCALE: 1" = 10'	SHEET NO. 1 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	42
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				



LEGEND

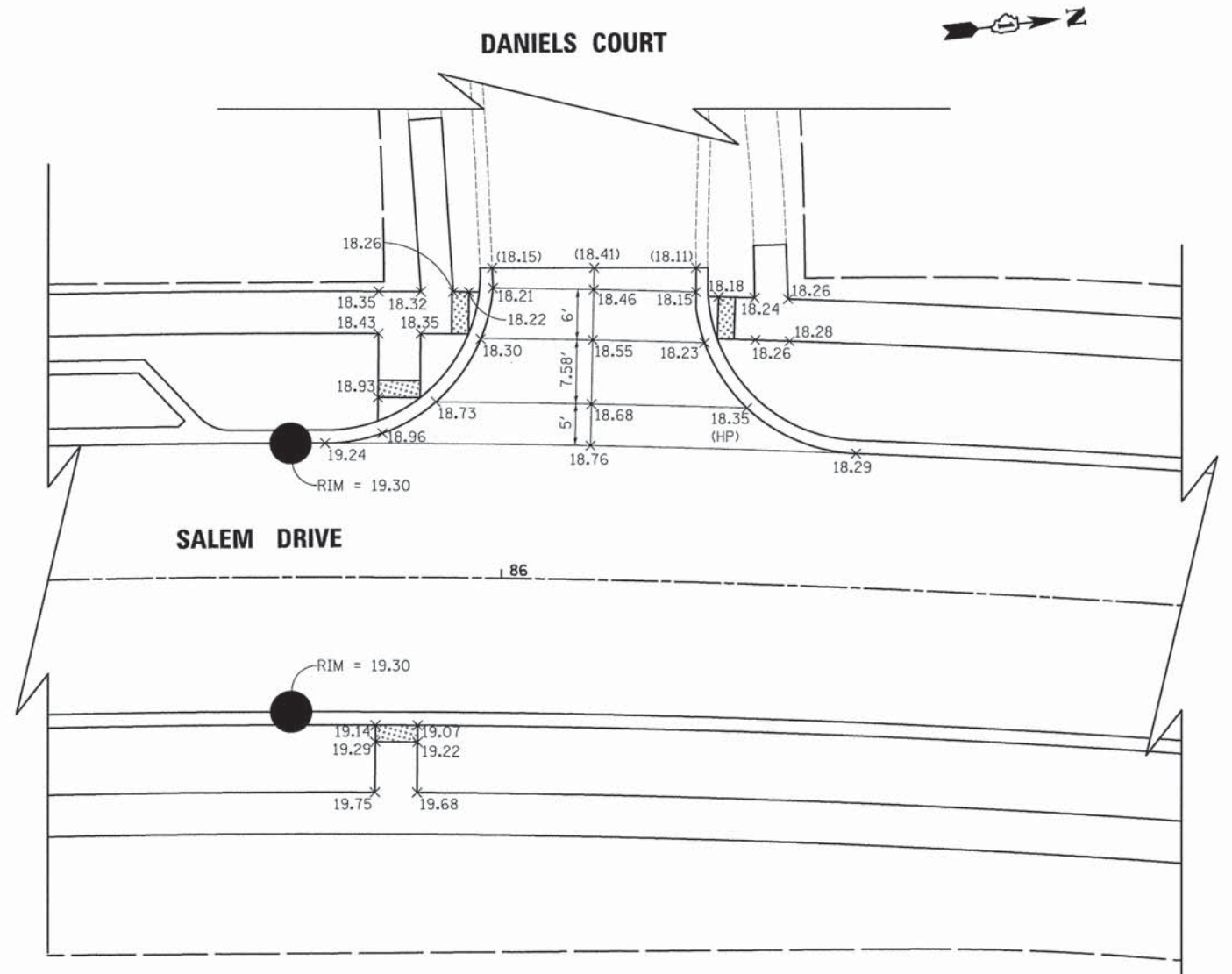
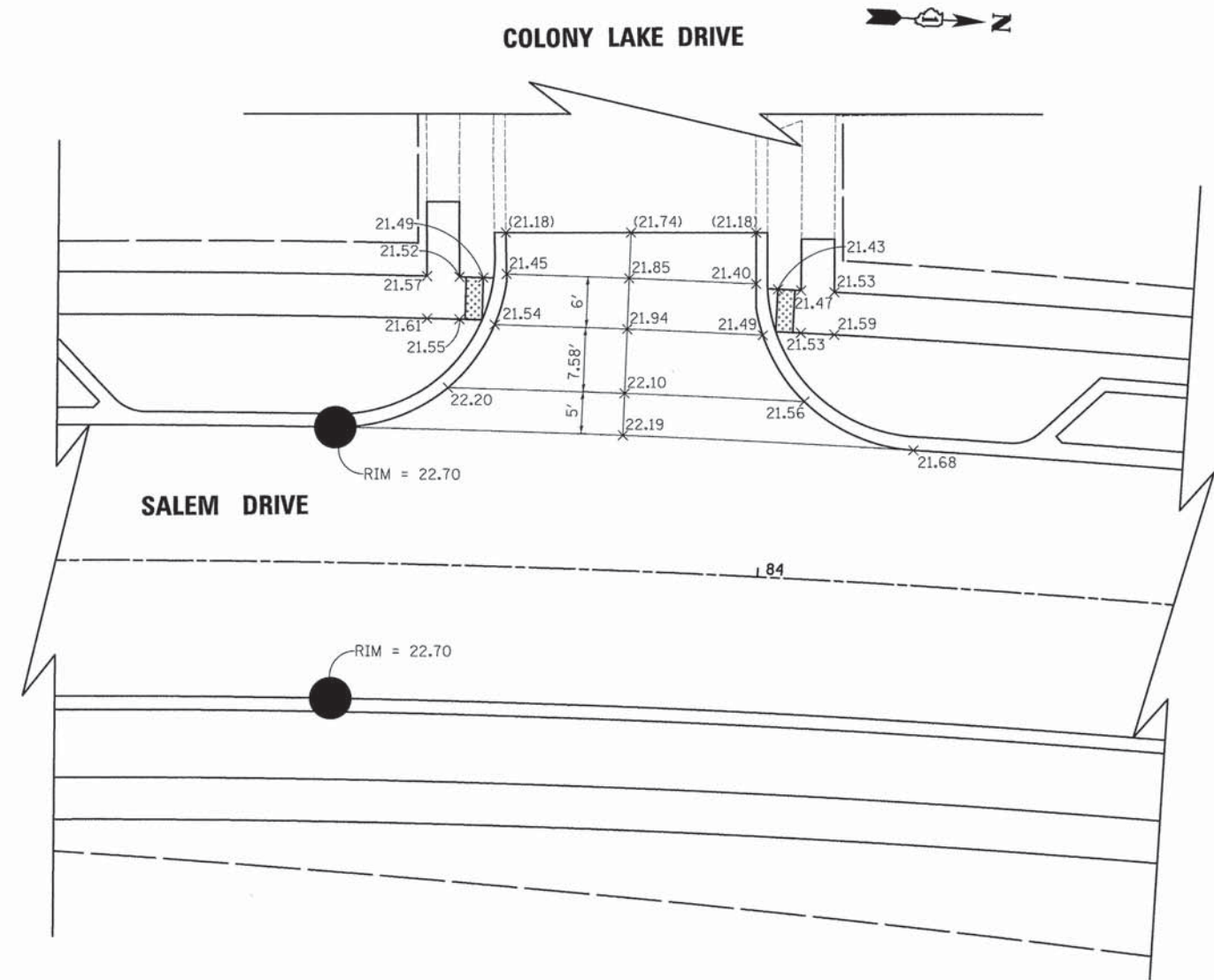
- (XX.XX) EXISTING ELEVATION
XX.XX PROPOSED ELEVATION

NOTE: ADD 800 TO ALL ELEVATIONS.

PLAN	DATE	BY
SURVEYED		
NOTED		
RT. OF WAY CHECKED		
CADD FILE NAME		

PROFILE	DATE	BY
SURVEYED		
NOTED		
STRUCTURE NOTAT'NS CHK'D		

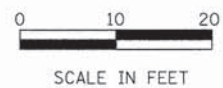
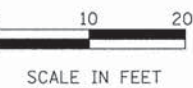
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LEGEND

(XX.XX) EXISTING ELEVATION
XX.XX PROPOSED ELEVATION

NOTE: ADD 800 TO ALL ELEVATIONS.



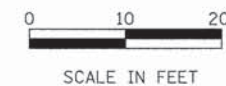
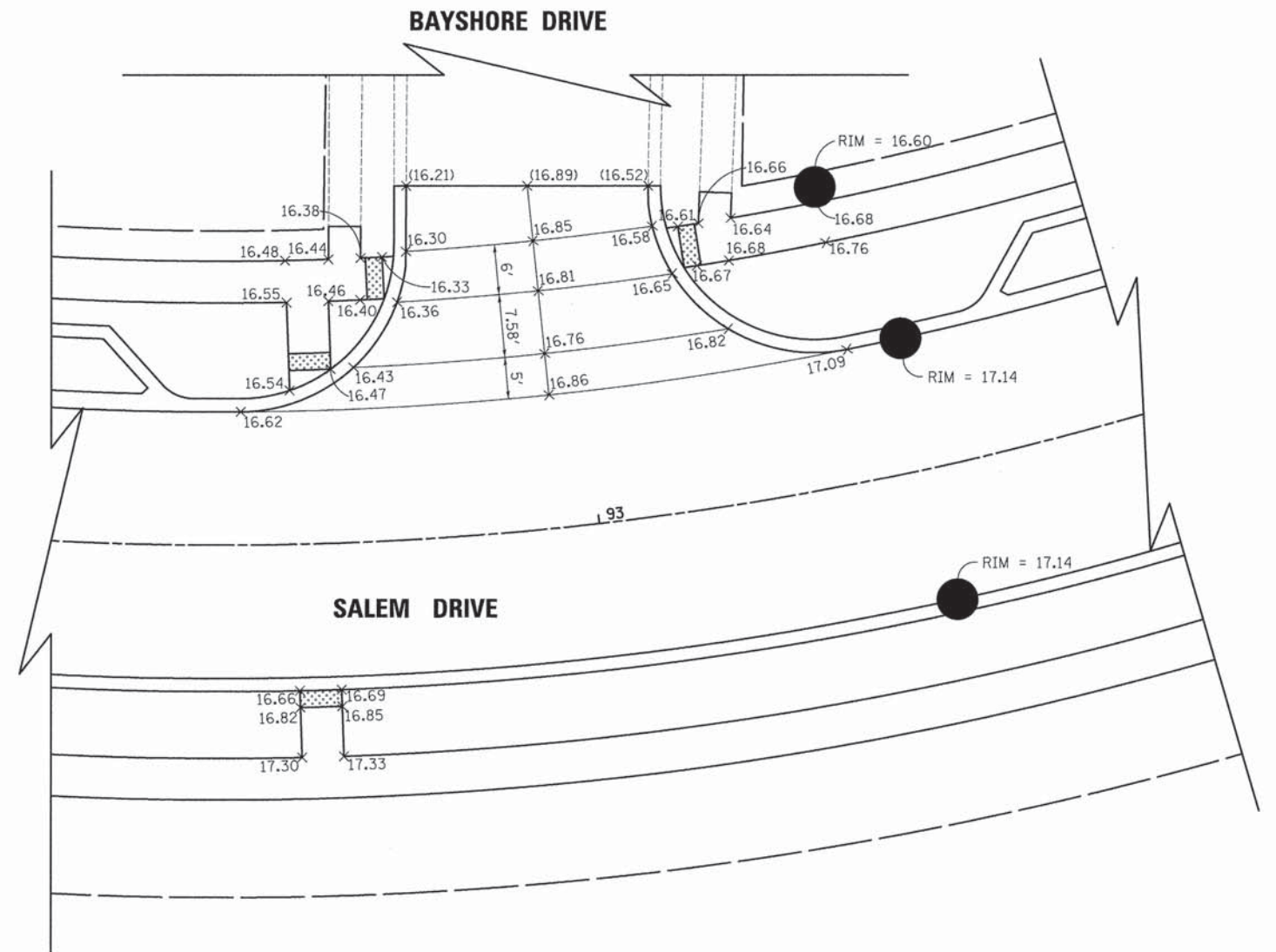
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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE INTERSECTION GRADING PLAN
SCALE: 1" = 10' SHEET NO. 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	43
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHECKED _____		



LEGEND

XX.XX)	EXISTING ELEVATION
XX.XX	PROPOSED ELEVATION

NOTE: ADD 800 TO ALL ELEVATIONS.

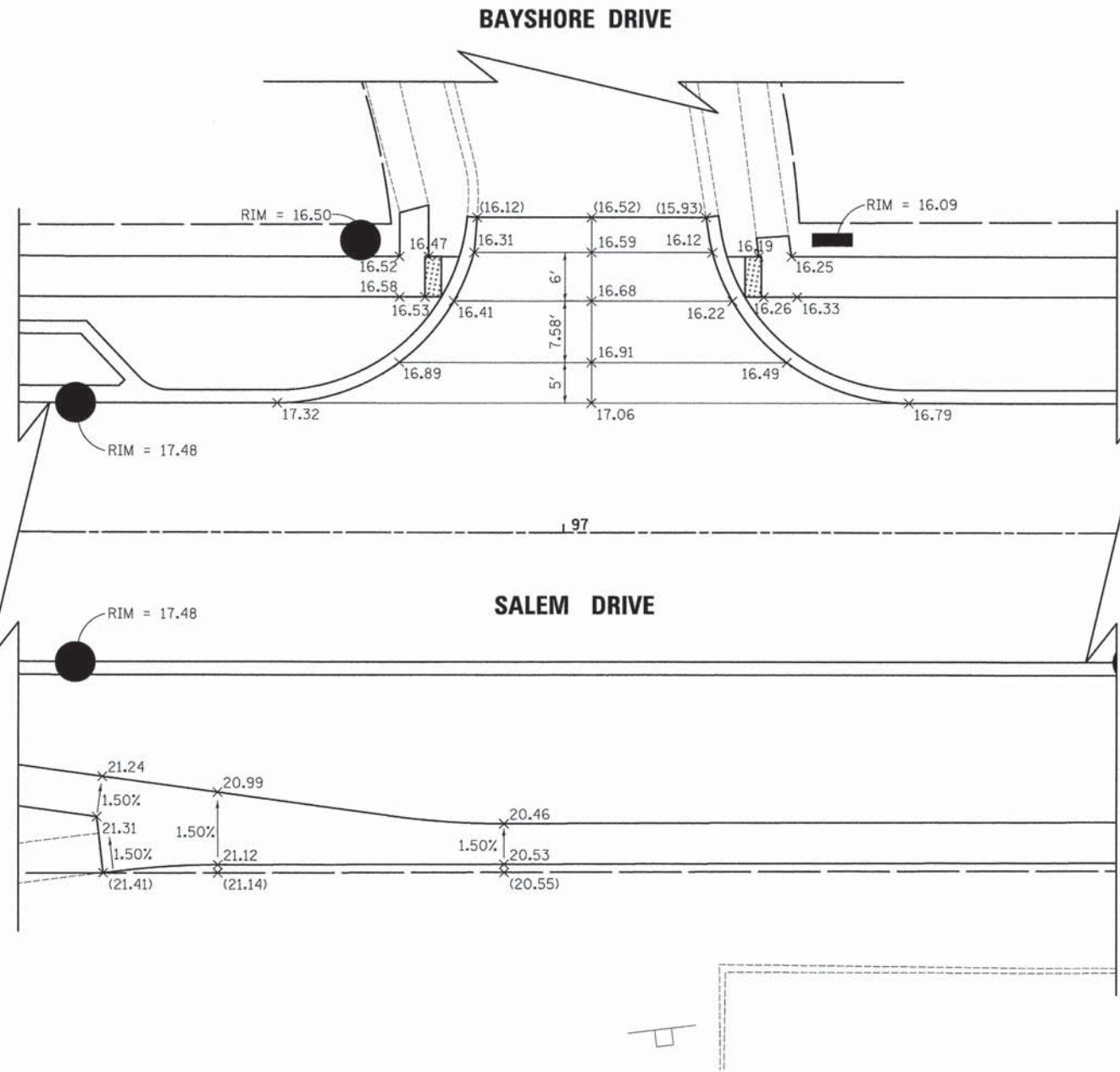
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1101	09-00099-00-PV	COOK	107	44
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	NOTED		
NO.	NO.		
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	CADD FILE NAME		

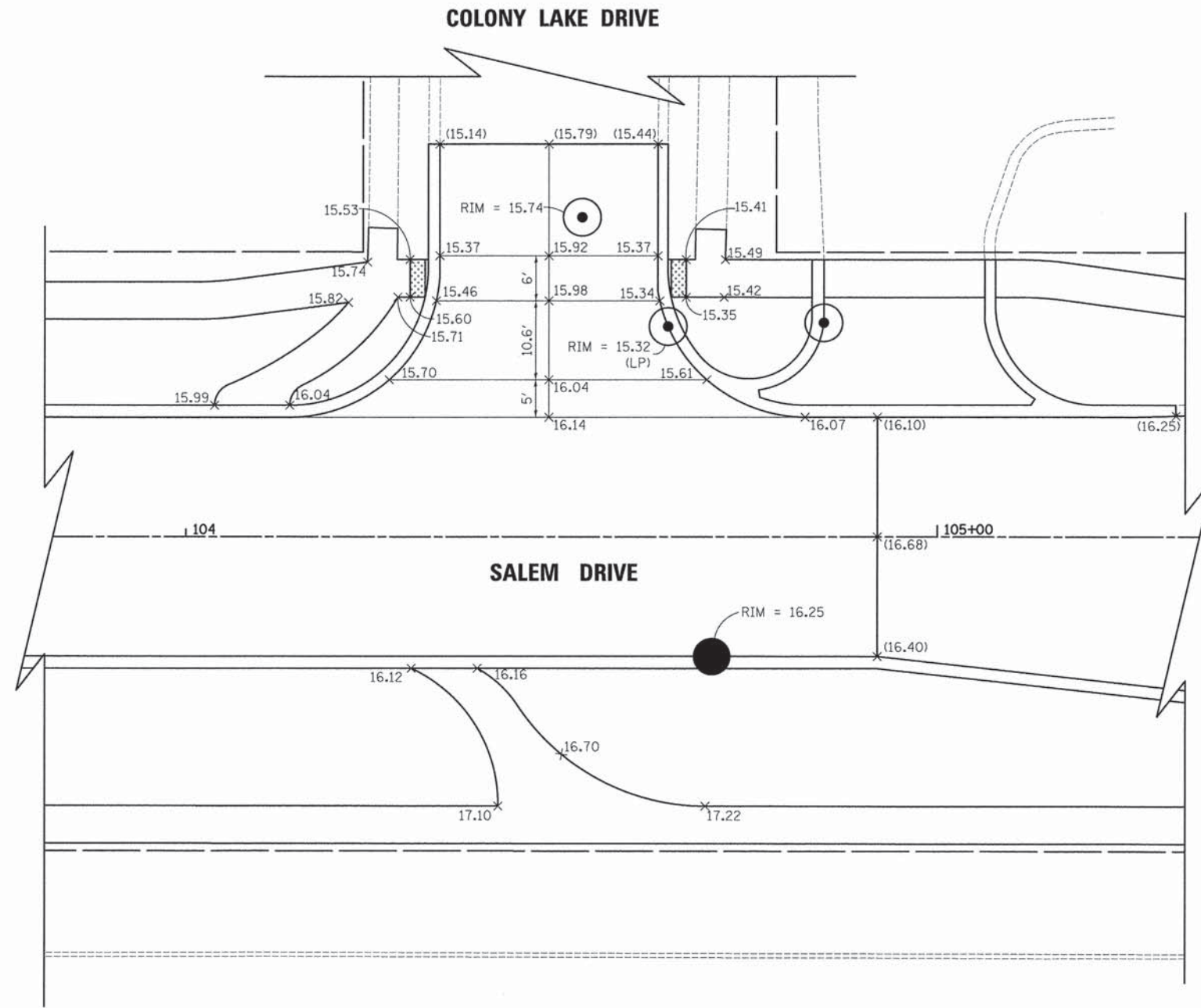
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NOTE BOOK	NOTED		
NO.	NO.		
	BA. NOTED		
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	STRUCTURE		
	NOTATNS		
	CHKD		

FILE NAME = ..\2787.LGP_04.Bay-CLD.dgn

0 10 20
SCALE IN FEET



0 10 20
SCALE IN FEET



LEGEND

(XX.XX) EXISTING ELEVATION
XX.XX PROPOSED ELEVATION

NOTE: ADD 800 TO ALL ELEVATIONS.



USER NAME = djc	DESIGNED - JAT	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

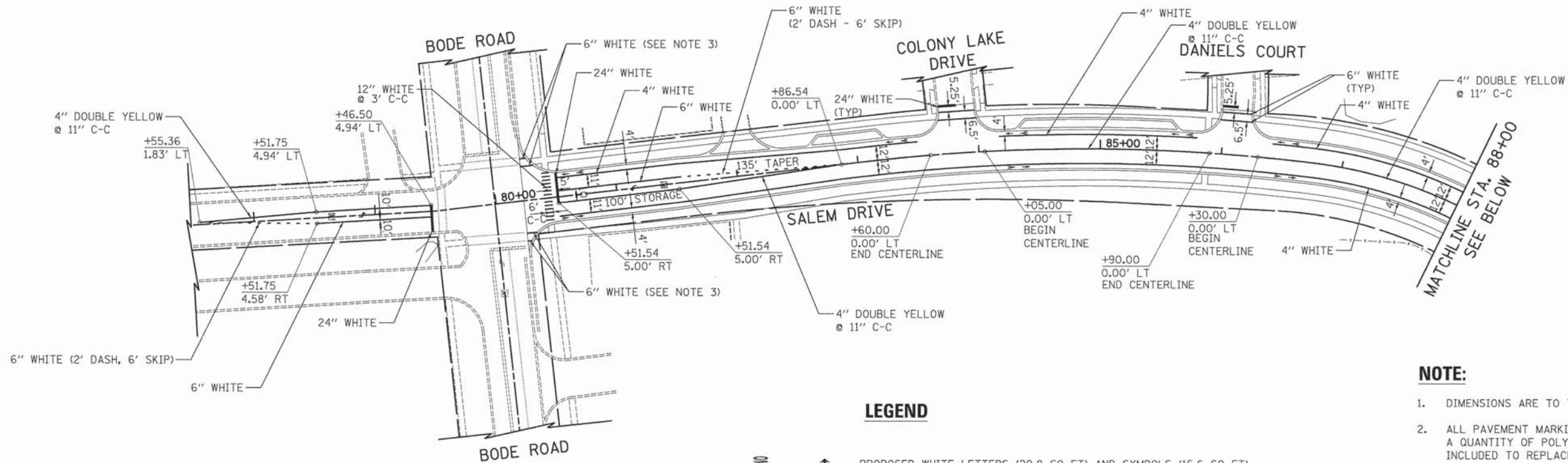
SALEM DRIVE INTERSECTION GRADING PLAN	
SCALE: 1" = 10'	SHEET NO. 4 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	45
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	DATE
SURVEYED	BY
NOTED	DATE
CHECKED	DATE
RT. OF WAY CHECKED	DATE
PAID FILE NAME	

PROFILE	DATE
SURVEYED	BY
NOTED	DATE
CHECKED	DATE
B.M. NOTED	DATE
STRUCTURE NOTATION OK'D	

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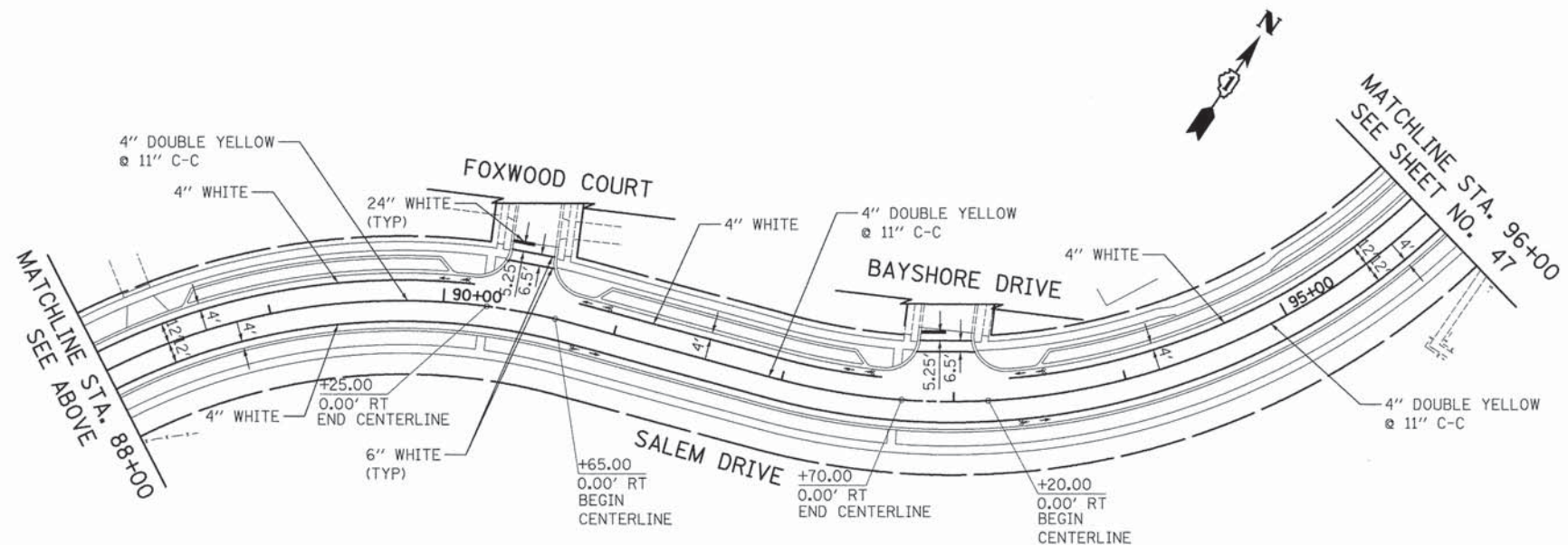


LEGEND

- PROPOSED WHITE LETTERS (20.8 SQ FT) AND SYMBOLS (15.6 SQ FT)
- BIKE LANE SYMBOL (6.0 SQ FT) AND ARROW (4.9 SQ FT)

NOTE:

- DIMENSIONS ARE TO THE CENTER OF STRIPES.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, EXCEPT A QUANTITY OF POLYUREA PAVEMENT MARKING HAS BEEN INCLUDED TO REPLACE THE STRIPING NORTH OF STA. 108+86.50.
- CONTRACTOR SHALL COORDINATE THE RESTRIPING OF THE BODE ROAD CROSSWALKS WITH THE BODE ROAD PROJECT CONTRACTOR.



0 50 100
SCALE IN FEET



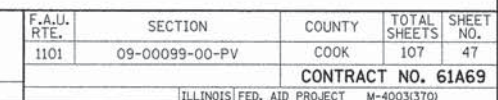
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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE PAVEMENT MARKING PLAN	
SCALE: 1" = 50'	SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	46
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PROFILE	SURVEYED		BY	DATE
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NOTED			
	STRUCTURE NOTATIONS CHK'D			



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FILE NAME = ... \2787.Striping-02.dgn
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PLAN	SURVEYED	DATE
	DESIGNED	BY
	ALIGNED	CHECKED
	RT. OF WAY	CHECKED
NOTE BOOK NO.		FILE NAME

PROFILE	SURVEYED	DATE
	DESIGNED	BY
	GRADES	CHECKED
	B.M. NOTED	CHECKED
NOTE BOOK NO.		FILE NAME

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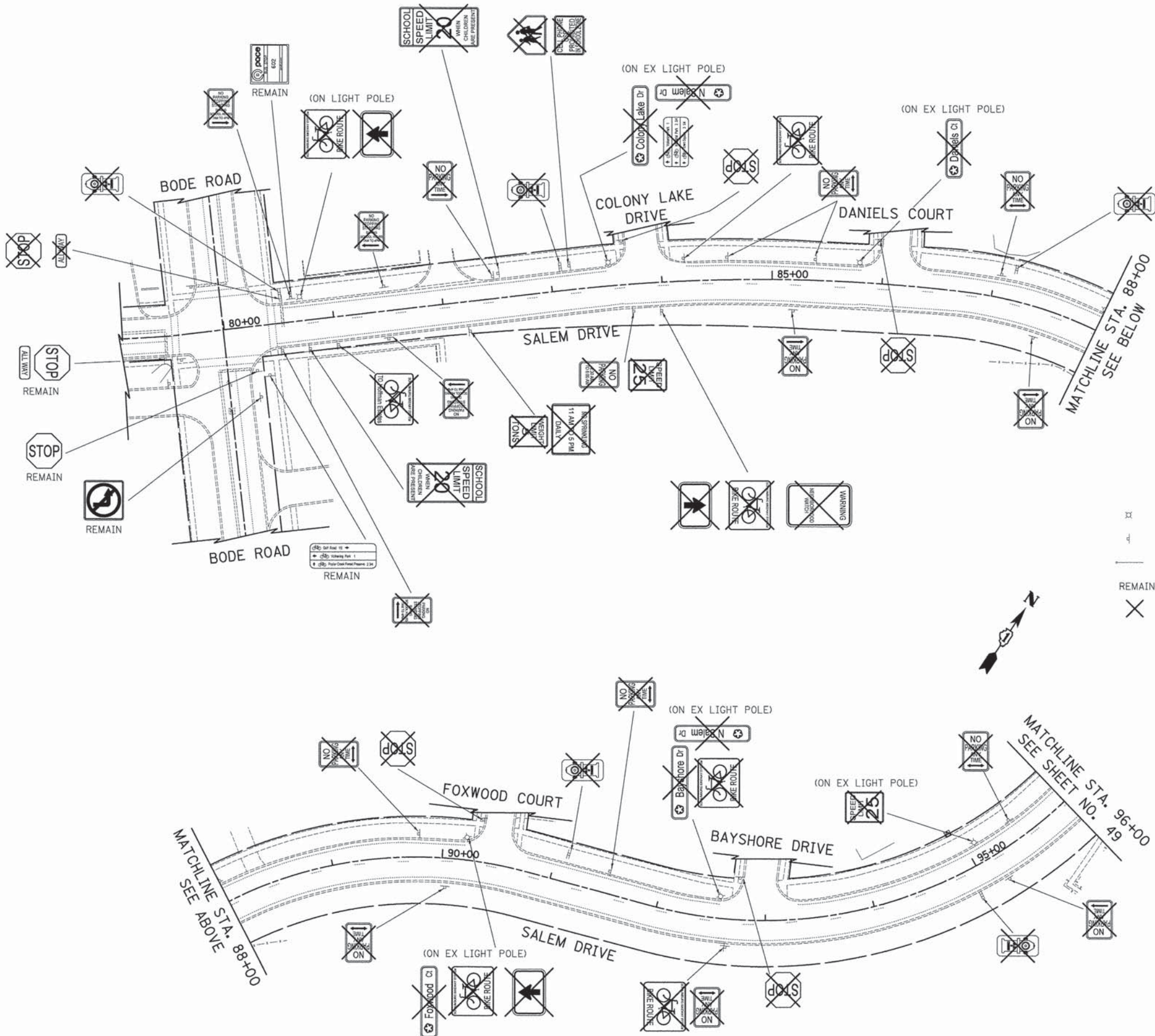
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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
EXISTING SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	48
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				



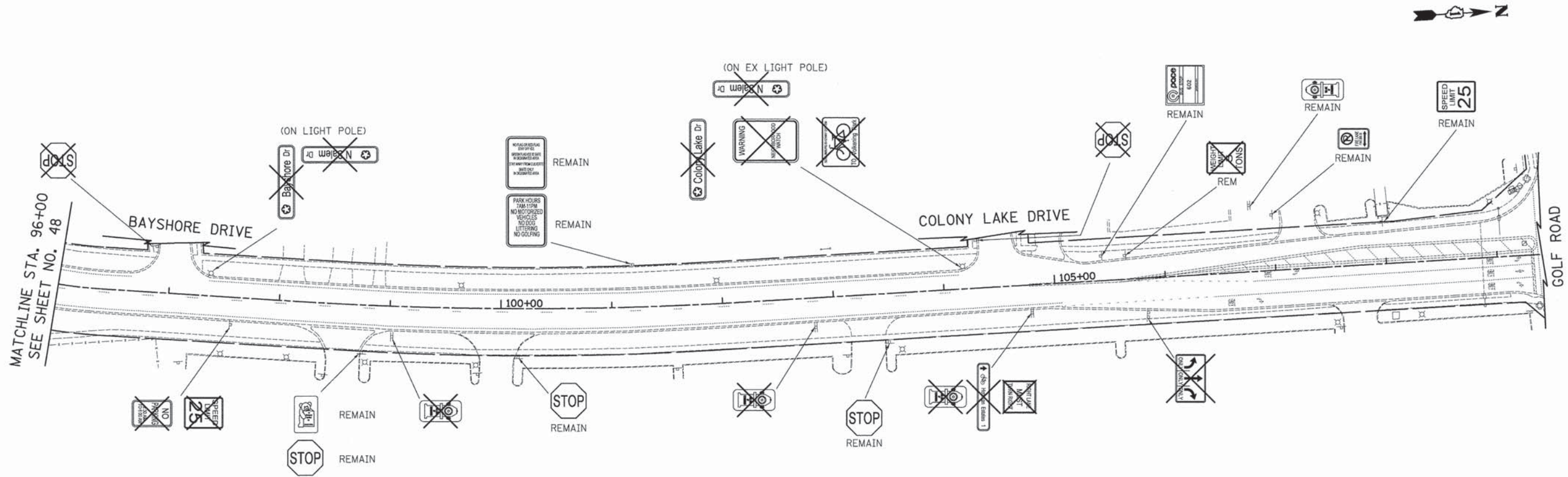
LEGEND

- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING MAST ARM
- SIGN PANEL TO REMAIN IN SAME LOCATION
- REMOVE SIGN PANEL OR SIGN PANEL ASSEMBLY

PLAN	SURVEYED	DATE
	NOTED	BY
NOTE BOOK	ALIGNED	
	CHECKED	
NO.	RT. OF WAY CHECKED	
	CADD FILE NAME	

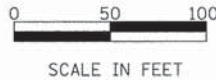
PROFILE	SURVEYED	DATE
	NOTED	BY
NOTE BOOK	CHECKED	
	STRUCTURE NOTATIONS CHKD	
NO.		

FILE NAME = ...\\2787.EX_Sign-02.dgn



LEGEND

- EXISTING LIGHT POLE
- EXISTING SIGN
- EXISTING MAST ARM
- REMAIN SIGN PANEL TO REMAIN IN SAME LOCATION
- REMOVE SIGN PANEL OR SIGN PANEL ASSEMBLY



USER NAME = djk	DESIGNED - JAT	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE EXISTING SIGNING PLAN	
SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE. 1101	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 49
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	DATE	BY
SURVEYED		
ALLOTTED		
CHECKED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
ALLOTTED		
CHECKED		
NOTE BOOK		
NO.		

FILE NAME = ...\\2787_PR_Sign_01.dgn

0 50 100
SCALE IN FEET



USER NAME = djk	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / 1"	DRAWN - KDC	REVISED -
PLOT DATE = 8/15/2014	CHECKED - DJK	REVISED -
	DATE - 08/18/2014	REVISED -

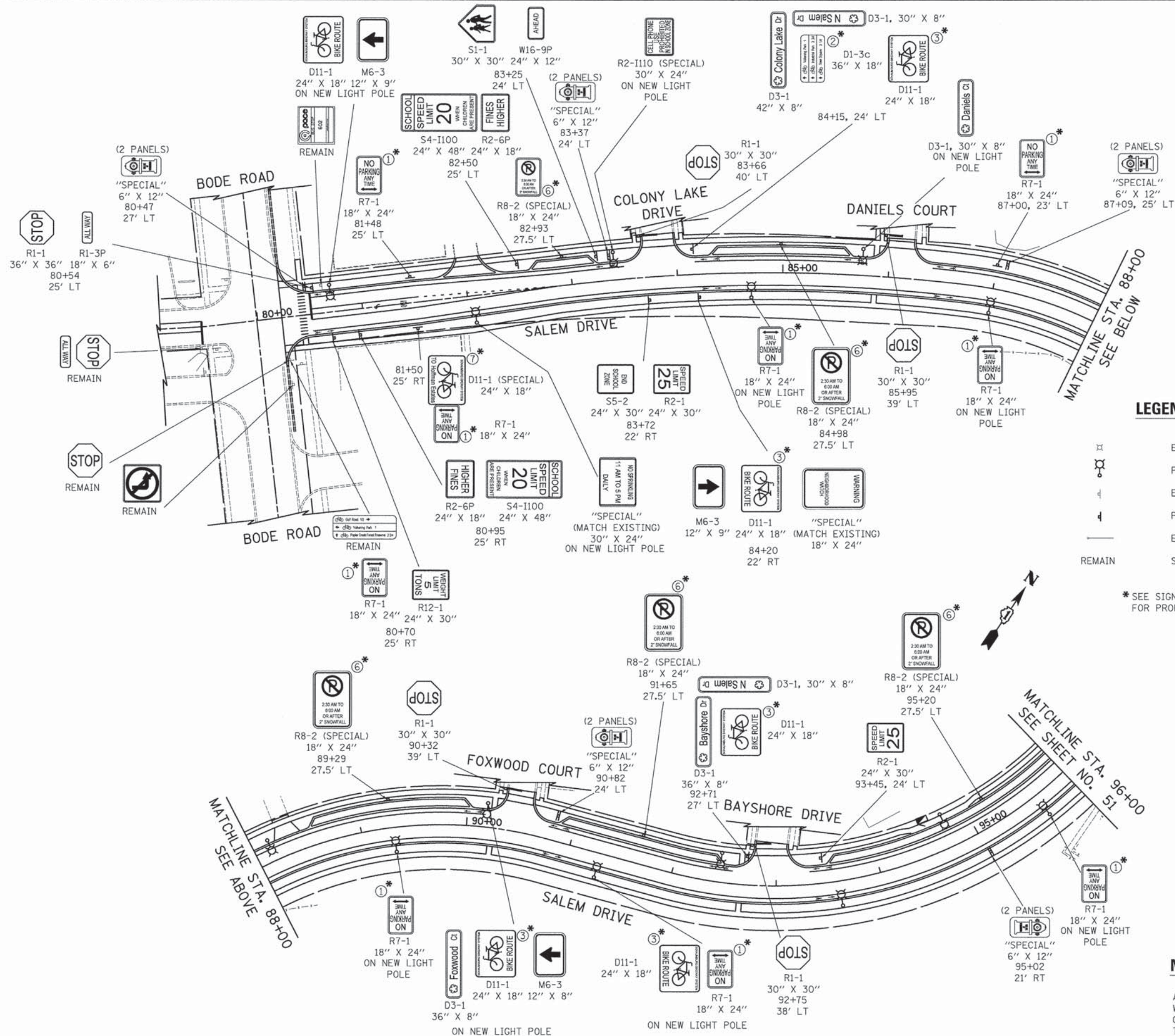
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DRAWN - KDC	REVISED -
CHECKED - DJK	REVISED -
DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
PROPOSED SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	50
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-400(3370)				



LEGEND

- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- EXISTING SIGN TO REMAIN
- PROPOSED SIGN PANEL, TYPE 1 OR TYPE 2
- EXISTING MAST ARM
- SIGN PANEL TO REMAIN IN SAME LOCATION

*SEE SIGN DETAIL ON SHEET NO. 51
FOR PROPOSED SIGN PANEL

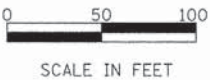
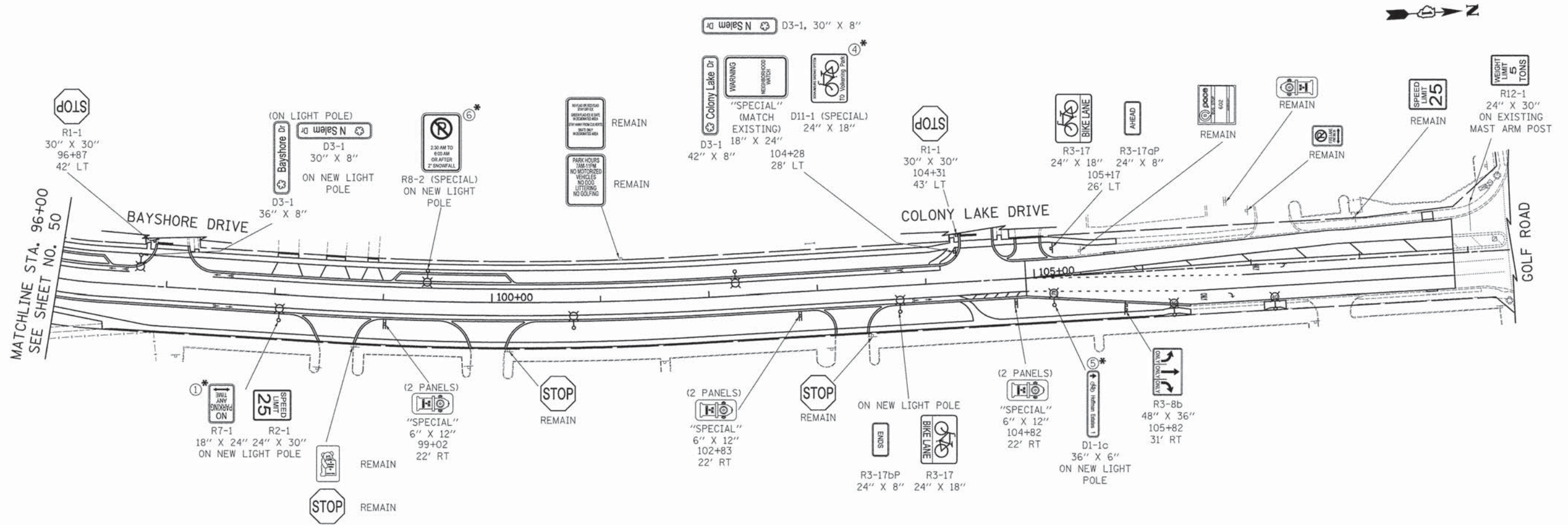
NOTE

ALL NEW SIGN PANELS SHALL HAVE "VOS XX/2015",
WHERE XX IS THE MONTH OF INSTALLATION, PRINTED
ON THE FRONT SIDE OF THE PANEL IN A MANNER MEETING
THE APPROVAL OF THE ENGINEER.

PLAN	DATE	BY
REVIEWED		
ALIGNMENT CHECKED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
REVIEWED		
GRADES CHECKED		
NOTE BOOK		
NO.		

FILE NAME = ...\\27872 PR-5 sign-02.dgn



NOTE

ALL NEW SIGN PANELS SHALL HAVE "VOS XX/2015", WHERE XX IS THE MONTH OF INSTALLATION, PRINTED ON THE FRONT SIDE OF THE PANEL IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

LEGEND

	EXISTING LIGHT POLE
	PROPOSED LIGHT POLE
	EXISTING SIGN TO REMAIN
	PROPOSED SIGN PANEL, TYPE 1 OR TYPE 2
	EXISTING MAST ARM
	SIGN PANEL TO REMAIN IN SAME LOCATION

* SEE SIGN DETAIL (ABOVE)



USER NAME = jat	DESIGNED - JAT	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 9/3/2014	DATE - 08/18/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

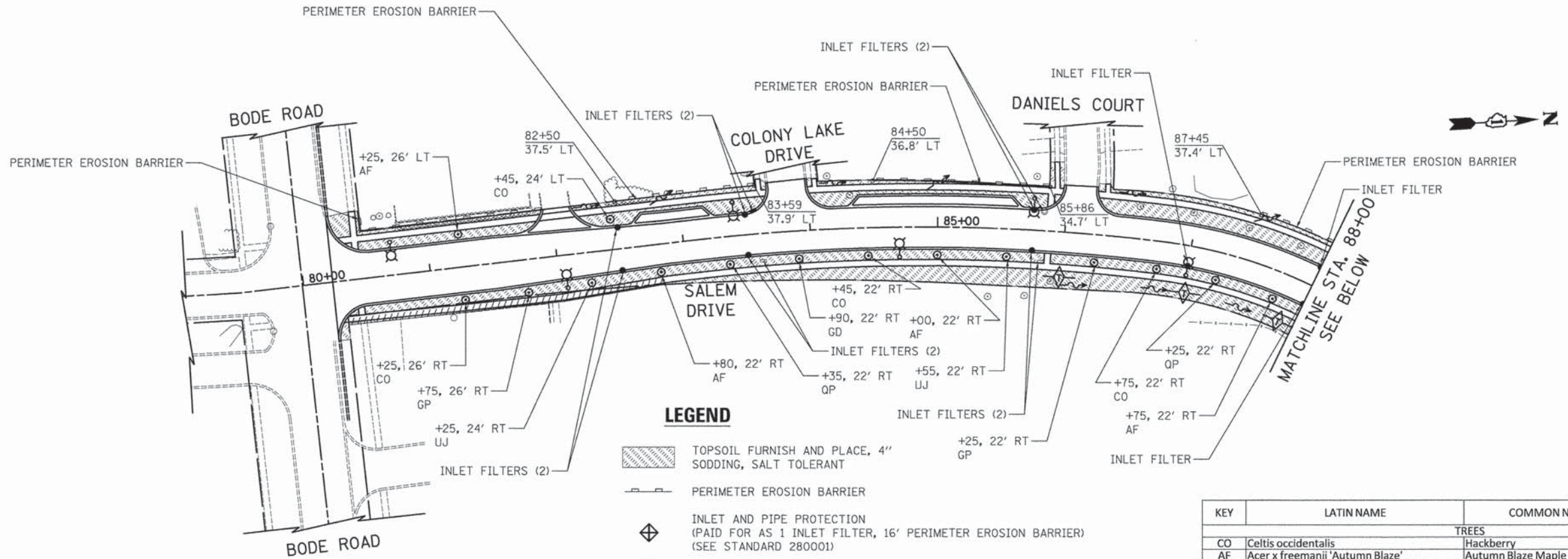
SALEM DRIVE PROPOSED SIGNING PLAN	
SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

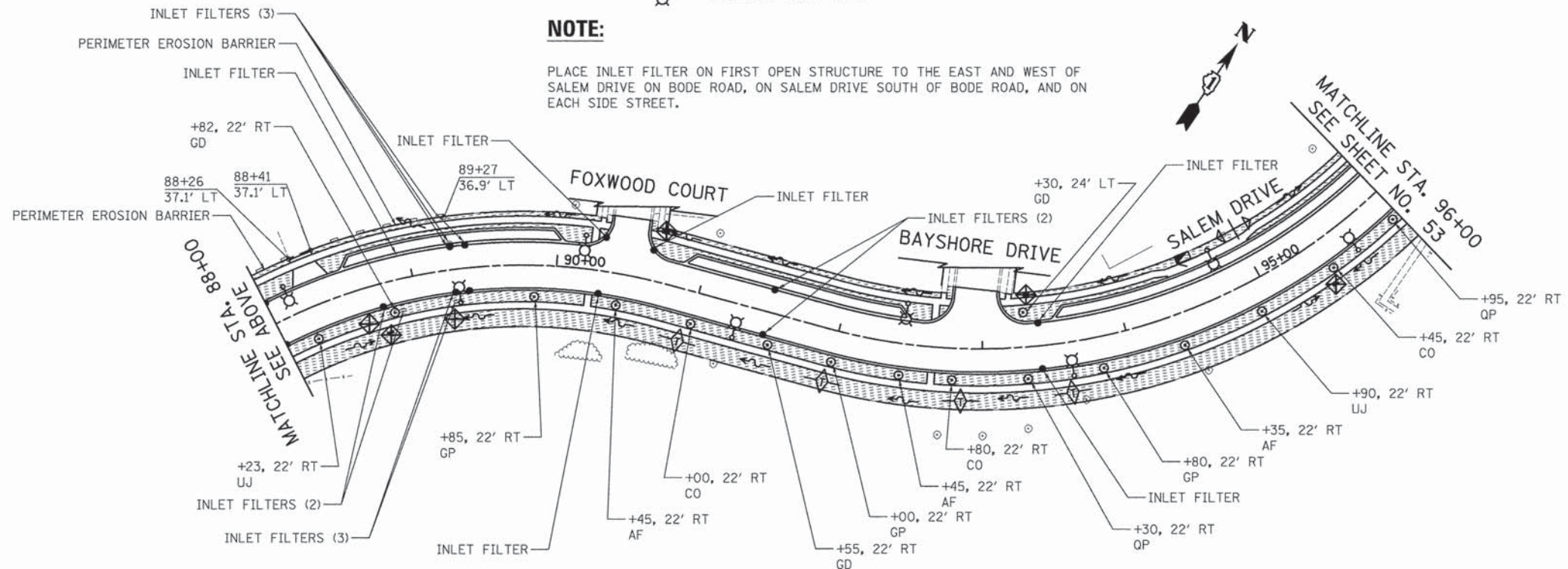
PLAN	DATE
BY	
CHECKED	
NO.	

PROFILE	DATE
BY	
CHECKED	
NO.	

FILE NAME = \\14-Landscaping\2787-LS.01.dgn



KEY	LATIN NAME	COMMON NAME	QTY	SIZE
TREES				
CO	Celtis occidentalis	Hackberry	9	2.5" BB
AF	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple	10	2.5" BB
UJ	Ulmus Japonica x Wilsoniana 'Morton'	Accolade Hybrid Elm	5	2.5" BB
GD	Gymnocladus dioica	Kentucky Coffeetree	5	2.5" BB
GP	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	7	2.5" BB
QP	Quercus muehlenbergii	Chinkapin Oak	5	2.5" BB



USER NAME = djjk	DESIGNED - JAT	REVISED -
	DRAWN - KDC	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - DJK	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE	
EROSION CONTROL AND LANDSCAPING PLAN	
SCALE: 1" = 50'	SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	52
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTAT'NS CHKD			



- | | |
|---|---|
|  | TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT |
|  | PERIMETER EROSION BARRIER |
|  | INLET AND PIPE PROTECTION
(PAID FOR AS 1 INLET FILTER, 16' PERIMETER EROSION BARRIER)
(SEE STANDARD 280001) |
|  | TEMPORARY DITCH CHECK |
|  | EXISTING TREE TO REMAIN |
|  | PROPOSED TREE |
|  | PROPOSED LIGHT POLE |

PLACE INLET FILTER ON FIRST OPEN STRUCTURE TO THE EAST AND WEST OF
SALEM DRIVE ON BODE ROAD AND ON EACH SIDE STREET.



USER NAME = jst	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SALEM DRIVE EROSION CONTROL AND LANDSCAPING PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - KDC	REVISED -					1101	09-00099-00-PV	COOK	107	53
PLOT SCALE = 50.0000' / 1in.	CHECKED - DJK	REVISED -		CONTRACT NO. 61A69							
PLOT DATE = 9/3/2014	DATE - 08/18/2014	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS	[11] (NOTES) REF. AND PROJECT M-4003(370)					

PLAN	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
	CHECKED	
NO.	BY	
	DATE	

PROFILE	SURVEYED	DATE
	BY	
NOTE BOOK	PLOTTED	
	CHECKED	
NO.	BY	
	DATE	

LANDSCAPE NOTES:

1.

LAYOUT COMPLETE PLANTING AS PER LANDSCAPE PLAN.
2.

NOTIFY THE VILLAGE'S LANDSCAPE ARCHITECT (847-923-3866) SEVEN (7) WORKING DAYS PRIOR TO LANDSCAPE INSTALLATION. THE LANDSCAPE ARCHITECT MUST EXAMINE THE SITE PRIOR TO THE SPREADING OF TOPSOIL TO ASSESS GROWING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE.
3.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UNDERGROUND UTILITIES PRIOR TO STARTING CONSTRUCTION. FOR LOCATIONS CALL "J.U.L.I.E." (800-892-0123 OR 811)
4.

LOCATIONS AND GRADES ARE APPROXIMATE. FIELD VERIFY ALL INFORMATION PRIOR TO STARTING WORK.
5.

THE LANDSCAPE CONTRACTOR SHALL REPORT ANY DISCREPANCIES ON THE LANDSCAPE PLAN TO THE ENGINEER AND GET WRITTEN APPROVAL FOR CHANGES BEFORE COMMENCING WITH CONSTRUCTION.
6.

ALL PLANT SPECIES SPECIFIED ARE SUBJECT TO AVAILABILITY. NO SUBSTITUTION OF PLANT MATERIAL SHALL BE ALLOWED UNLESS APPROVED THROUGH WRITTEN CONSENT BY THE ENGINEER.
7.

PLANT SYMBOLS ARE NOT LITERAL REPRESENTATIONS. THEY ARE ILLUSTRATED ON THE LANDSCAPE PLAN AS THE GRAPHIC REPRESENTATION OF THE PROPOSED PLANT MATERIAL. THEY DO NOT NECESSARILY REPRESENT THE SPREAD OF THE PLANT AT THE TIME OF INSTALLATION.
8.

DO NOT SHEAR ANY PLANT MATERIALS. HAND PRUNE AS NEEDED.
9.

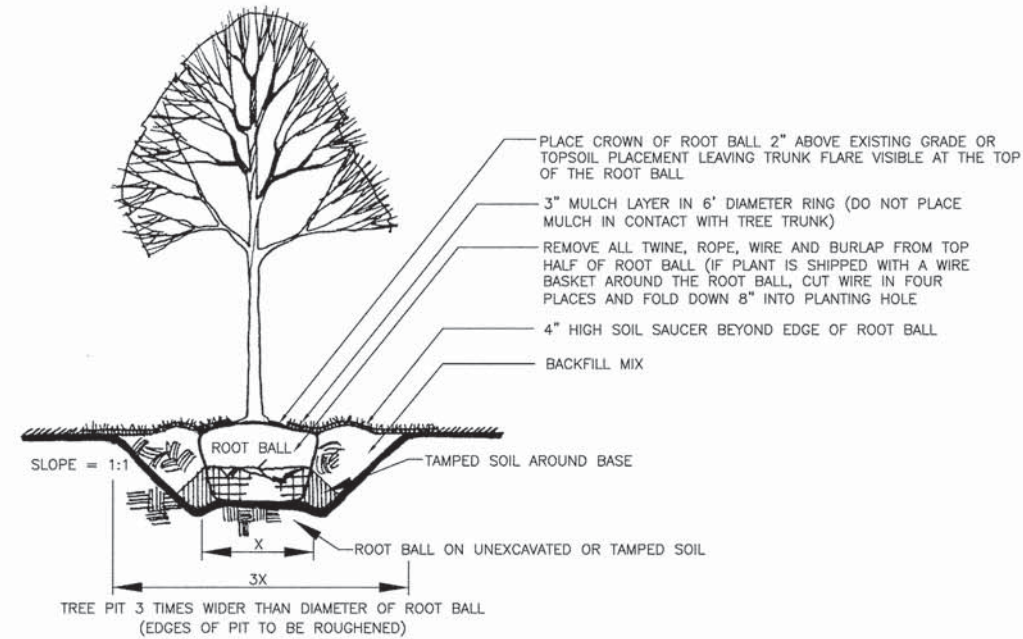
CLEAN UP ALL AREAS, SWEEP WALKS AND DRIVES, AND HAUL AWAY DEBRIS AT TIME OF PLANTING.
10.

GENERAL PLANTING INSTRUCTIONS:
DO NOT BREAK OR DAMAGE ROOT BALL.
DO NOT ALLOW AIR POCKETS WHEN BACKFILLING.
WATER PLANT MATERIAL IMMEDIATELY AFTER PLANTING.
11.

THE ENGINEER RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL DEEMED SUB-STANDARD.
12.

THE CONTRACTOR SHALL PROVIDE PLANT MATERIAL THAT IS DISEASE AND PEST FREE. ALL PLANT MATERIAL SHALL BE GRADE A NUSERY STOCK AND SHALL BE HEALTHY AND VIGOROUS.
13.

THE LANDSCAPE CONTRACTOR SHALL MEET OR EXCEED THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION AND THE STANDARD SPECIFICATIONS.



1 SHADE TREE PLANTING DETAIL
N.T.S.

PLAN

SURVEYED

PLOTTED

CHECKED

RT. OF WAY CHECKED

ADD FILE NAME

DATE

BY

NOTE BOOK NO.

PROFILE

SURVEYED

PLOTTED

CHECKED

BAK. NOTED

STRUCTURE NOTATIONS CHKD

DATE

BY

NOTE BOOK NO.

FILE NAME = ...\\2787.L101.Legend.Notes.Sum04.dgn

LIGHTING GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
2. EXISTING LIGHTING WILL REMAIN OPERATIONAL DURING STAGE 1 CONSTRUCTION. PROPOSED LIGHTING CONTROLLER AND PROPOSED LIGHTING WITHIN THE STAGE 1 CONSTRUCTION AREA SHALL BE INSTALLED AND OPERATIONAL BEFORE DISCONNECTING AND REMOVING THE EXISTING LIGHTING IN STAGE 2.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER PRIOR TO INSTALLATION OF LIGHTING FOUNDATIONS.
4. THE QUANTITY FOR LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET IS ESTIMATED. IF IT IS DETERMINED IN THE FIELD THAT A HELIX FOUNDATION CANNOT BE PLACED, THE PAY ITEM FOR LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET SHALL BE USED WITH THE APPROVAL OF THE ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE INSTALLATION OF CONDUITS, UNIT DUCTS AND THE TOP OF THE FOUNDATION HEIGHTS REMAIN WITH THE CONTRACTOR.
6. METHOD OF INSTALLATION OF PROPOSED UNDERGROUND CABLE, UNIT DUCT AND CONDUIT SHALL BE BORED OR PULLED. PLOWING AND TRENCHING OF THE CABLE, UNIT DUCT OR CONDUIT WILL NOT BE ALLOWED.
7. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND WIRE ACCORDINGLY.
8. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
9. EQUIPMENT GROUND CONDUCTORS SHALL BE SPliced AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
10. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS, AND OTHER UTILITIES.
11. ALL DISTURBED AREA WHERE RESTORATION IS NOT SPECIFICALLY SHOWN ON THE CONTRACT PLANS MUST BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST AND MEET THE APPROVAL OF THE ENGINEER
12. OFFSET CALL-OFFS ARE FROM THE CENTER OF POLES TO EDGE OF PAVEMENT (E.O.P.).

LEGEND



PROPOSED LIGHTING UNIT
170.1 WATT LED, 240V (PHASE TO PHASE),
30 FOOT MOUNTING HEIGHT, 12 FOOT MAST ARM



PROPOSED LIGHTING UNIT
170.1 WATT LED, 240V (PHASE TO PHASE),
40 FOOT MOUNTING HEIGHT, 12 FOOT MAST ARM



PROPOSED LIGHTING CONTROLLER
BASE MOUNTED, 240 VOLT, 100 AMP



PROPOSED UNIT DUCT, 600V, 4-1C NO. 6, 1/C NO. 6 GROUND,
(XLP-TYPE USE), 1 1/4" DIA.



UNDERGROUND CONDUIT, RIGID GALVANIZED STEEL
(SIZE AS SPECIFIED)



EXISTING UTILITY TRANSFORMER GROUND MOUNTED



REMOVAL OF LIGHTING UNIT

LIGHTING SCHEDULE OF QUANTITIES

ITEM NUMBER	ITEMS	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	35
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	695
81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	5077
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	45
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
83006500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12. FT. MAST ARM	EACH	20
83008500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12. FT. MAST ARM	EACH	3
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" x 6'	EACH	20
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" x 6'	EACH	3
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	20
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	3
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	11
84200804	REMOVAL OF POLE FOUNDATION	EACH	11
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	7
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	700
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	50
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36
XX007797	LUMINAIRE (SPECIAL)	EACH	23
20033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	9



USER NAME = djk	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 58.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
LIGHTING GENERAL NOTES, LEGEND AND SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 1 OF 1 SHEETS

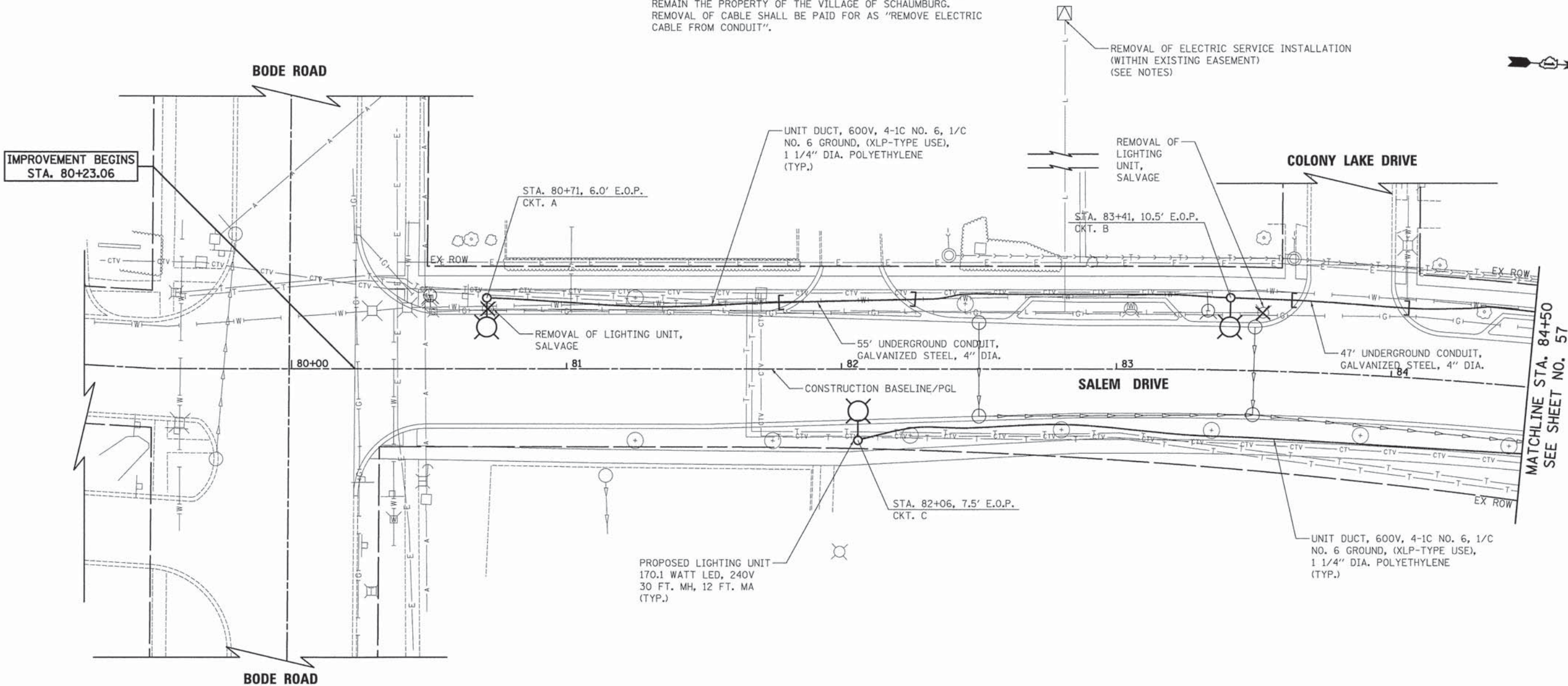
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	55
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
RT. OF WAY		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
GRADES		
CHECKED		
S.M. NOTED		
STRUCTURE		
NOTATION		
NO.		

NOTES:

- SEE EXISTING LIGHTING WIRING DIAGRAM ON SHEET NO. 62.
- CONTRACTOR MUST VERIFY THE EXISTING CABLES TO REMAIN ARE NOT ENERGIZED AFTER THE REMOVAL OF ELECTRIC SERVICE INSTALLATION.
- DIRECT BURIED CABLES WITHOUT CONDUIT OR DUCT SLEEVE SHALL BE ABANDONED. CABLES IN CONDUIT OR DUCT SLEEVE SHALL BE REMOVED FROM THE CONDUIT / SLEEVE AND WILL REMAIN THE PROPERTY OF THE VILLAGE OF SCHAUMBURG. REMOVAL OF CABLE SHALL BE PAID FOR AS "REMOVE ELECTRIC CABLE FROM CONDUIT".



FILE NAME = \\N6-Lighting\2787.LT82.dgn



USER NAME = djk	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 20.0000' / 1\"	CHECKED - DNM	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

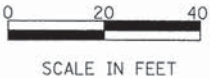
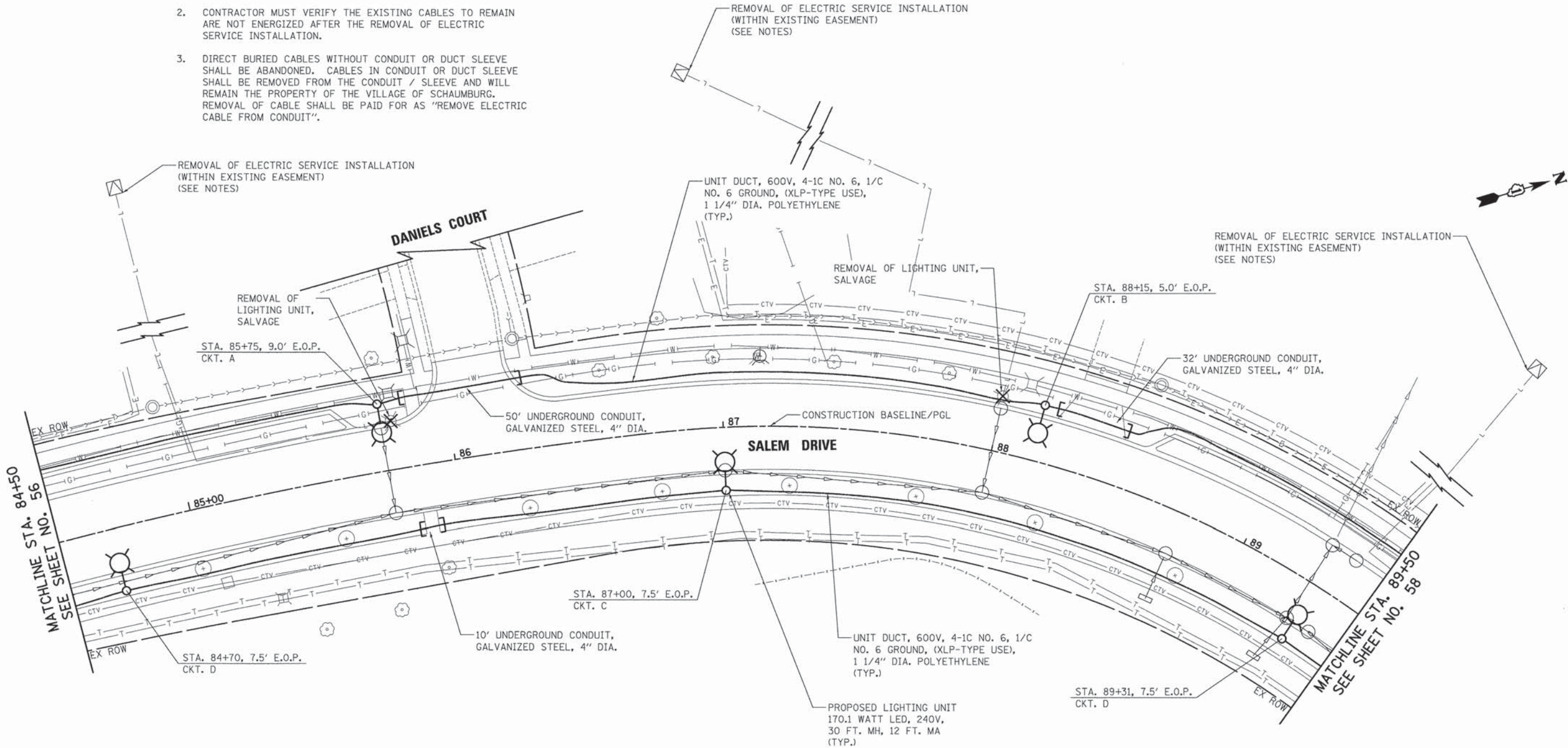
SALEM DRIVE		
LIGHTING PLAN		
SCALE: 1" = 20'	SHEET NO. 1 OF 6 SHEETS	STA. 80+23.06 TO STA. 84+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	56
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

0 20 40
SCALE IN FEET

NOTES:

- 1. SEE EXISTING LIGHTING WIRING DIAGRAM ON SHEET NO. 62.
- 2. CONTRACTOR MUST VERIFY THE EXISTING CABLES TO REMAIN ARE NOT ENERGIZED AFTER THE REMOVAL OF ELECTRIC SERVICE INSTALLATION.
- 3. DIRECT BURIED CABLES WITHOUT CONDUIT OR DUCT SLEEVE SHALL BE ABANDONED. CABLES IN CONDUIT OR DUCT SLEEVE SHALL BE REMOVED FROM THE CONDUIT / SLEEVE AND WILL REMAIN THE PROPERTY OF THE VILLAGE OF SCHAUMBURG. REMOVAL OF CABLE SHALL BE PAID FOR AS "REMOVE ELECTRIC CABLE FROM CONDUIT".



USER NAME = djk	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
LIGHTING PLAN

SCALE: 1" = 20' SHEET NO. 2 OF 6 SHEETS STA. 84+50 TO STA. 89+50

F.A.U. RTE. 1101	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 57
CONTRACT NO. 61A69				ILLINOIS FED. AID PROJECT M-4003(370)

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS OK'D	

FILE NAME = ...\\S:\Lighting\2787.L103.dgn

1. SEE EXISTING LIGHTING WIRING DIAGRAM ON SHEET NO. 62.
2. CONTRACTOR MUST VERIFY THE EXISTING CABLES TO REMAIN ARE NOT ENERGIZED AFTER THE REMOVAL OF ELECTRIC SERVICE INSTALLATION.
3. DIRECT BURIED CABLES WITHOUT CONDUIT OR DUCT SLEEVE SHALL BE ABANDONED. CABLES IN CONDUIT OR DUCT SLEEVE SHALL BE REMOVED FROM THE CONDUIT / SLEEVE AND WILL REMAIN THE PROPERTY OF THE VILLAGE OF SCHAUMBURG. REMOVAL OF CABLE SHALL BE PAID FOR AS "REMOVE ELECTRIC CABLE FROM CONDUIT".



USER NAME = djk	DESIGNED - SJC
	DRAWN - SJC
PLOT SCALE = 20.0000' / in.	CHECKED - DNM
PLOT DATE = 8/15/2014	DATE - 08/18/2014

DESIGNED	-	SJC
DRAWN	-	SJC
CHECKED	-	DNM
DATE	-	08/18/2014

	REVISED	-
	REVISED	-
	REVISED	-
	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
LIGHTING PLAN

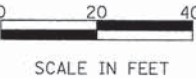
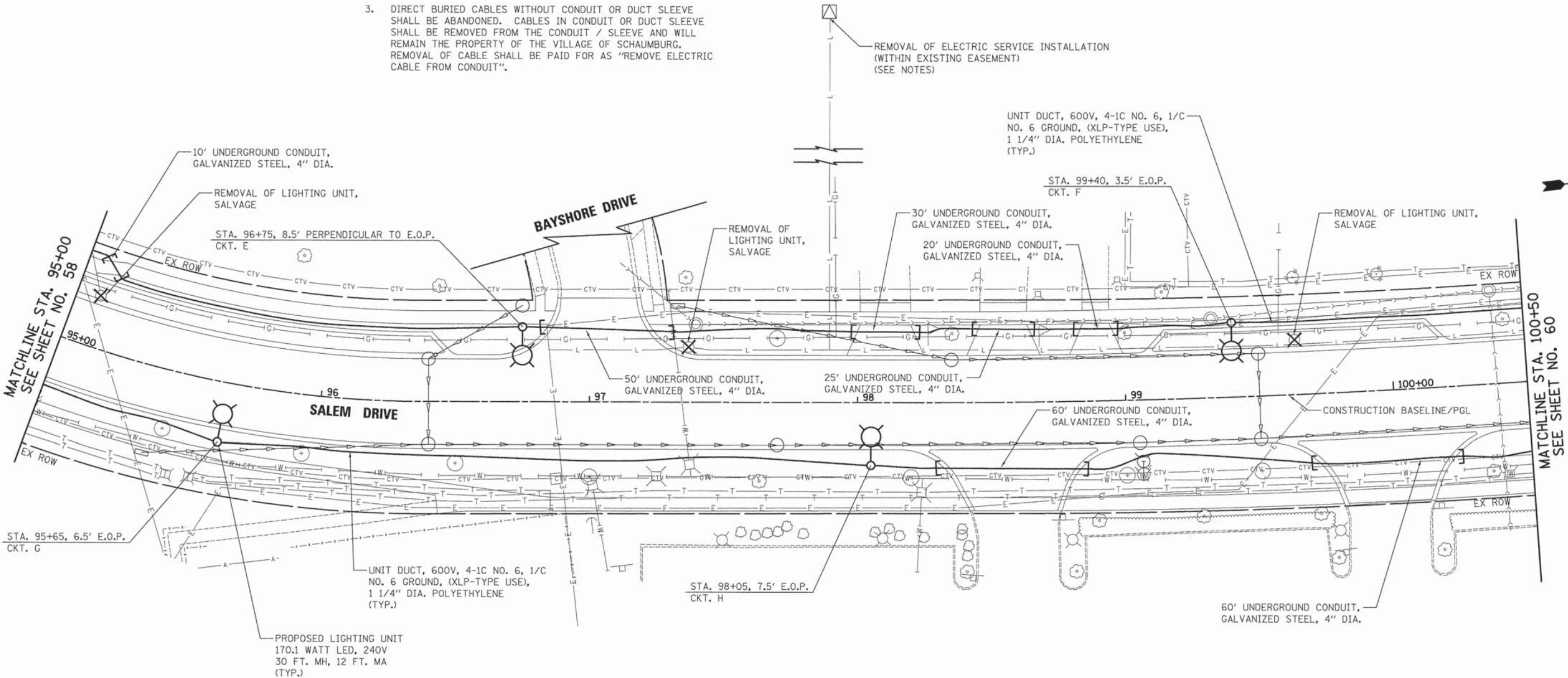
SCALE: 1" = 20'	SHEET NO. 3 OF 6 SHEETS	STA. 89+50	TO STA. 95+00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	58
		CONTRACT NO. 61A69		
ILLINOIS FED. AID PROJECT M-4003(370)				

FILE NAME = ... \16-Lighting\2787-LT04.dgn

NOTES:

1. SEE EXISTING LIGHTING WIRING DIAGRAM ON SHEET NO. 62.
2. CONTRACTOR MUST VERIFY THE EXISTING CABLES TO REMAIN ARE NOT ENERGIZED AFTER THE REMOVAL OF ELECTRIC SERVICE INSTALLATION.
3. DIRECT BURIED CABLES WITHOUT CONDUIT OR DUCT SLEEVE SHALL BE ABANDONED. CABLES IN CONDUIT OR DUCT SLEEVE SHALL BE REMOVED FROM THE CONDUIT / SLEEVE AND WILL REMAIN THE PROPERTY OF THE VILLAGE OF SCHAMBURG. REMOVAL OF CABLE SHALL BE PAID FOR AS "REMOVE ELECTRIC CABLE FROM CONDUIT".



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVIEWED	
	NOTED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVIEWED	
	NOTED	
	FILE NAME	

FILE NAME = \\N6-Lighting\2787.L105.dgn



USER NAME = djk	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE LIGHTING PLAN	
SCALE: 1" = 20'	SHEET NO. 4 OF 6 SHEETS
STA. 95+00	TO STA. 100+50

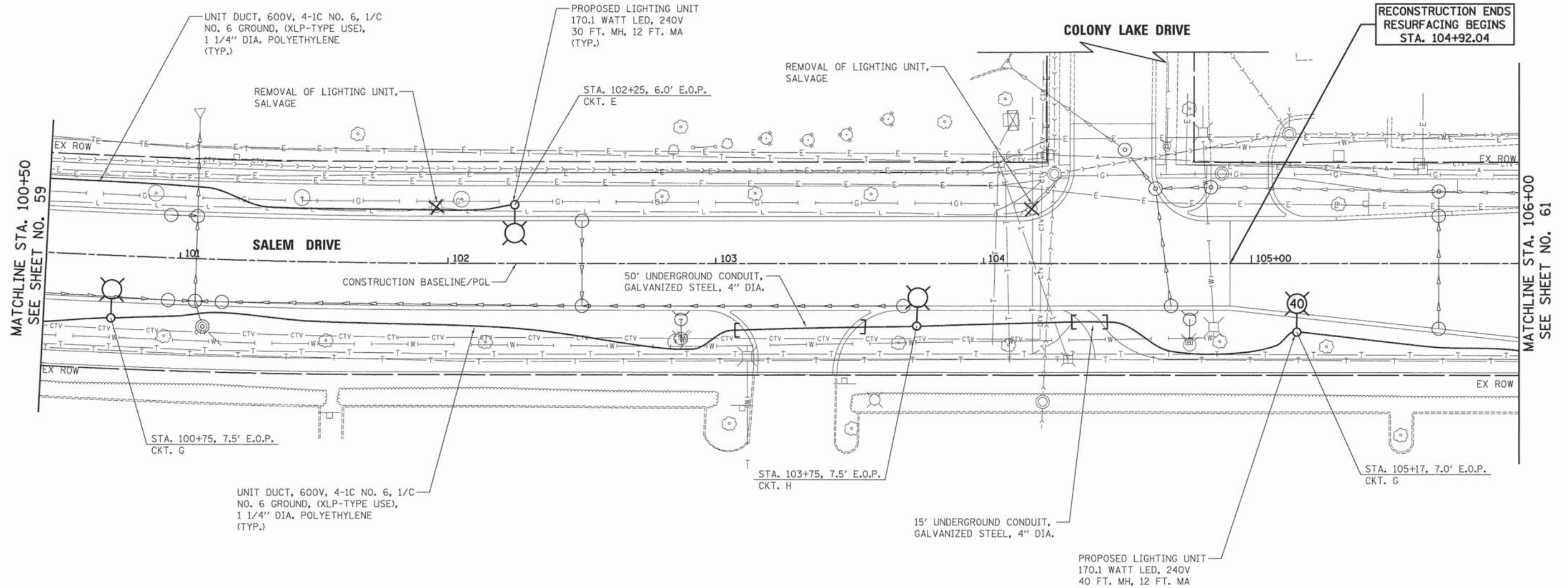
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1101	09-00099-00-PV	COOK	107	59
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
RT. OF WAY		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTED		
ALIGNED		
CHECKED		
STRUCTURE		
NO.		

NOTES:

- SEE EXISTING LIGHTING WIRING DIAGRAM ON SHEET NO. 62.
- CONTRACTOR MUST VERIFY THE EXISTING CABLES TO REMAIN ARE NOT ENERGIZED AFTER THE REMOVAL OF ELECTRIC SERVICE INSTALLATION.
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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

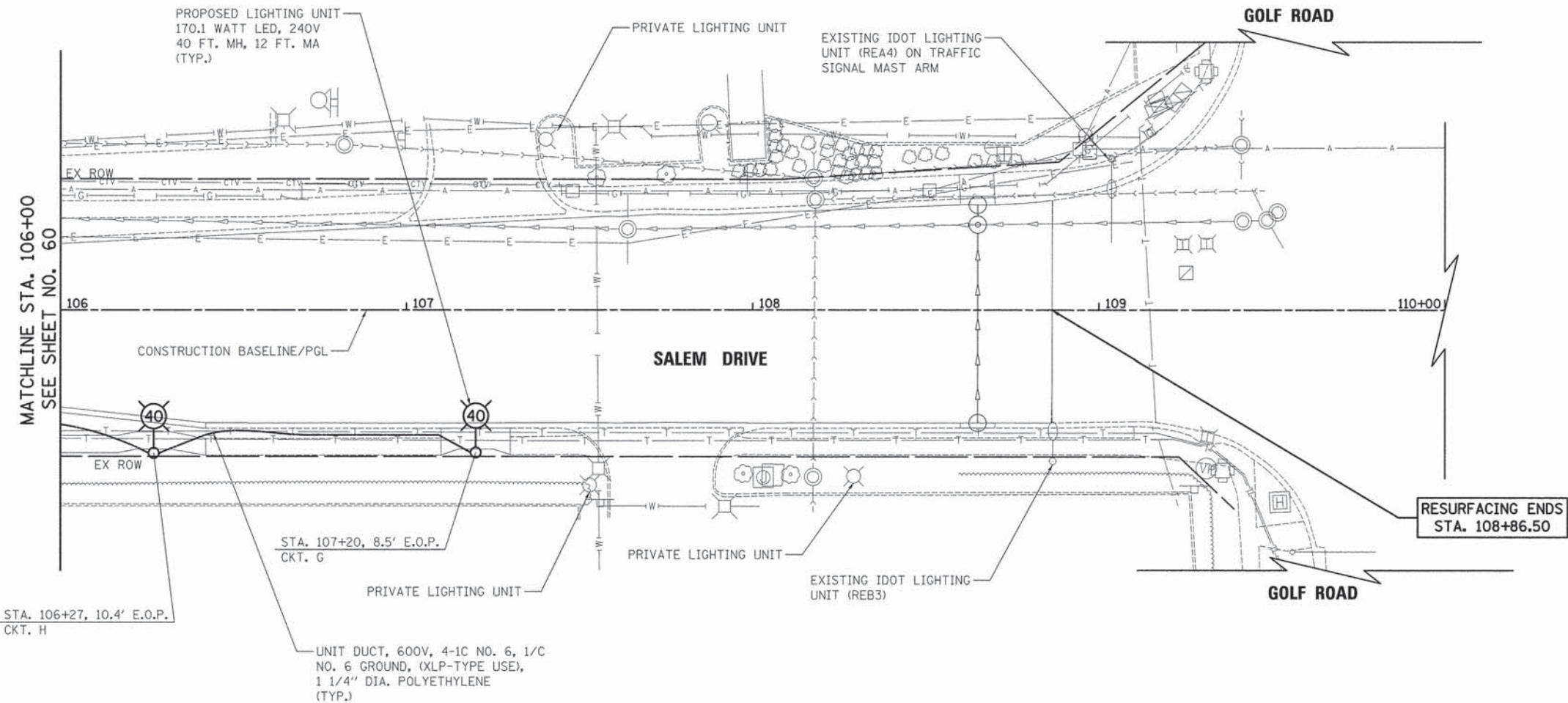
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE LIGHTING PLAN	SCALE: 1" = 20'	SHEET NO. 5 OF 6 SHEETS	STA. 100+50 TO STA. 106+00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	60
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

NOTES:

1. SEE EXISTING LIGHTING WIRING DIAGRAM ON SHEET NO. 62.
2. CONTRACTOR MUST VERIFY THE EXISTING CABLES TO REMAIN ARE NOT ENERGIZED AFTER THE REMOVAL OF ELECTRIC SERVICE INSTALLATION.
3. DIRECT BURIED CABLES WITHOUT CONDUIT OR DUCT SLEEVE SHALL BE ABANDONED. CABLES IN CONDUIT OR DUCT SLEEVE SHALL BE REMOVED FROM THE CONDUIT / SLEEVE AND WILL REMAIN THE PROPERTY OF THE VILLAGE OF SCHAMBURG. REMOVAL OF CABLE SHALL BE PAID FOR AS "REMOVE ELECTRIC CABLE FROM CONDUIT".



USER NAME = jst	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
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PLOT DATE = 9/3/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE			
LIGHTING PLAN			
SCALE: 1" = 20'	SHEET NO. 6 OF 6 SHEETS	STA. 106+00 TO STA. 108+86.50	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	61
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

FILE NAME = ...\\16-Lighting\\2787.LT07.dgn

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NOTE BOOK NO.	PLANNED CHECKED RT. OF WAY CHECKED CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLANNED CHECKED B.M. NOTED STRUCTURE NOTATIONS OK'D		

FILE NAME = \\2787.LT08.E\ Wiring Diagram



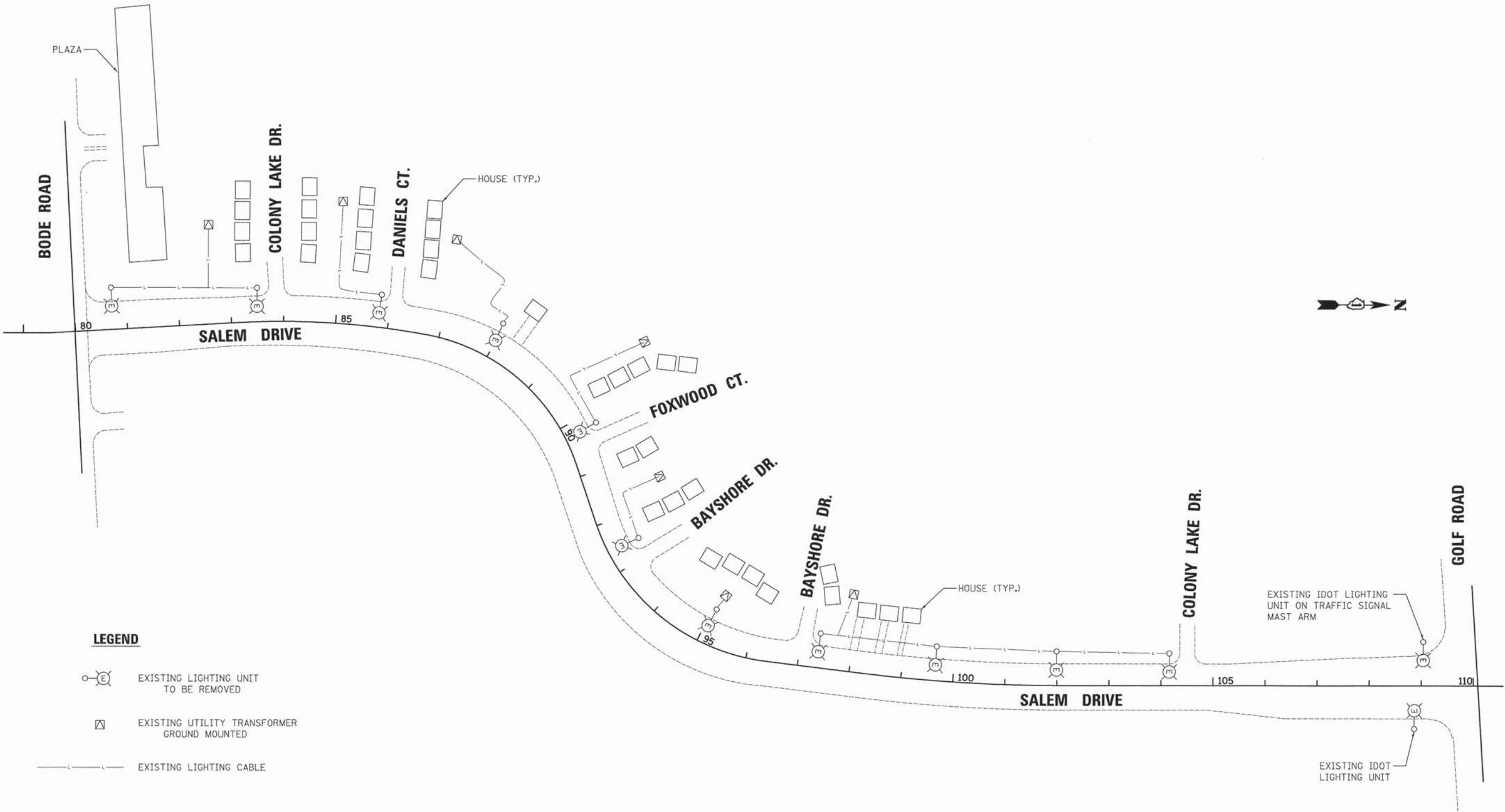
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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
EXISTING LIGHTING WIRING DIAGRAM

SCALE: NONE SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	62
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				



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

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CHK'D		

FILE NAME = ...\\2787.LT09.Pr. Wiring Diag.dgn

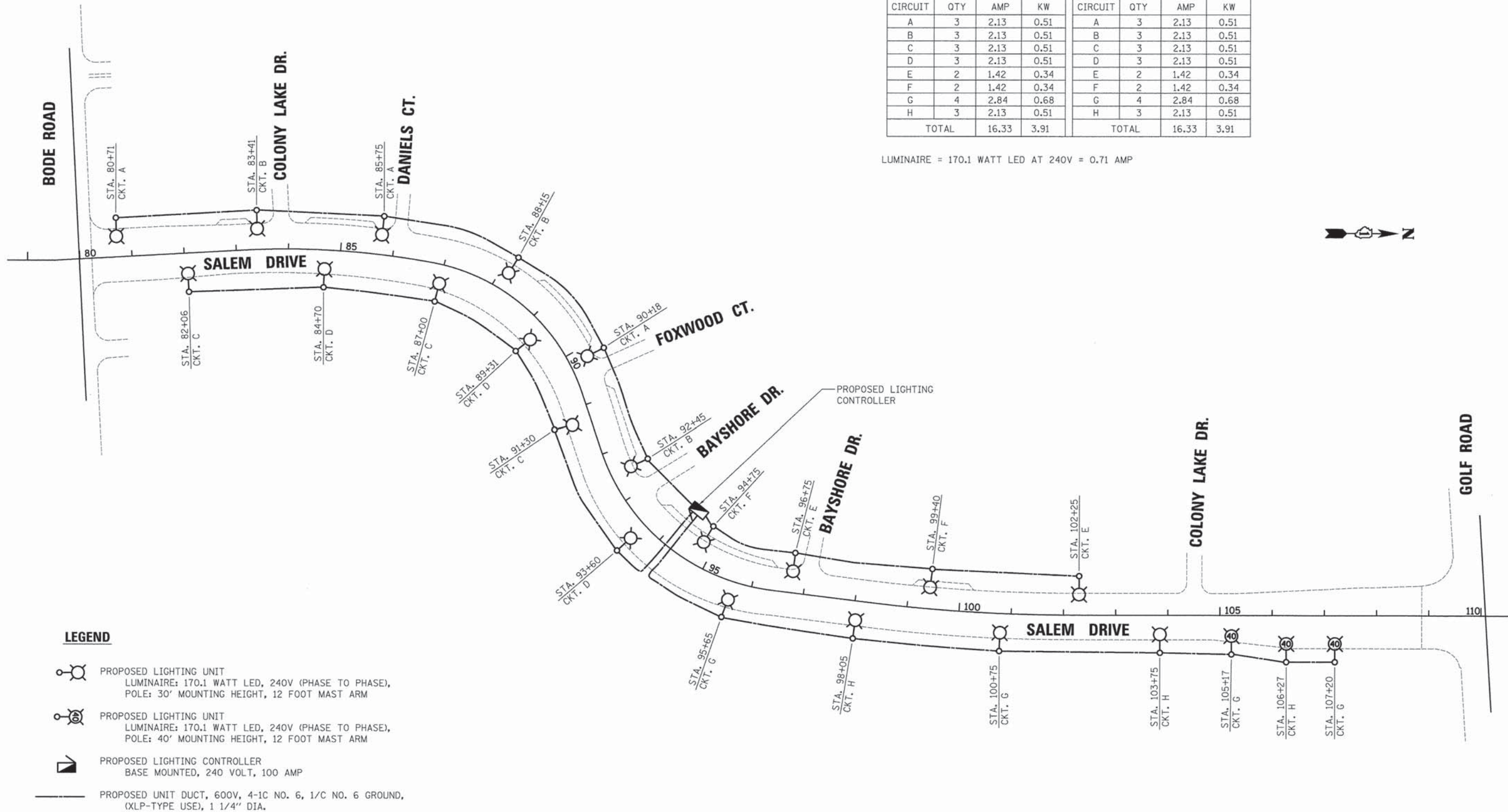


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PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE	
PROPOSED LIGHTING WIRING DIAGRAM	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	63
CONTRACT NO. 61A69				
[ILLINOIS] FED. AID PROJECT M-4003(370)				



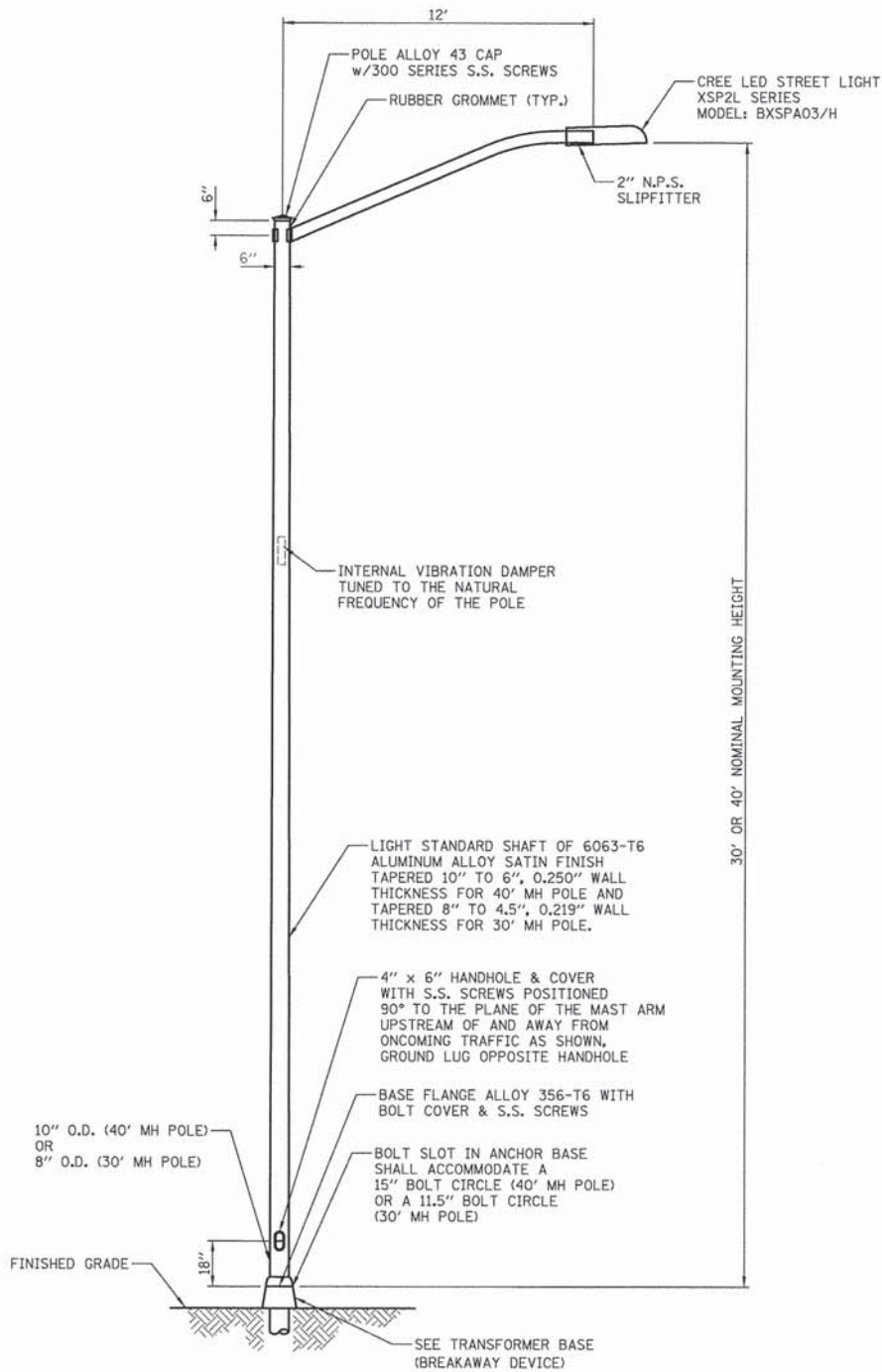
PROPOSED LIGHTING CONTROLLER CIRCUIT LOAD TABLE							
RED/ORANGE CABLE				BLACK/BLUE CABLE			
CIRCUIT	QTY	AMP	KW	CIRCUIT	QTY	AMP	KW
A	3	2.13	0.51	A	3	2.13	0.51
B	3	2.13	0.51	B	3	2.13	0.51
C	3	2.13	0.51	C	3	2.13	0.51
D	3	2.13	0.51	D	3	2.13	0.51
E	2	1.42	0.34	E	2	1.42	0.34
F	2	1.42	0.34	F	2	1.42	0.34
G	4	2.84	0.68	G	4	2.84	0.68
H	3	2.13	0.51	H	3	2.13	0.51
TOTAL		16.33	3.91	TOTAL		16.33	3.91

LUMINAIRE = 170.1 WATT LED AT 240V = 0.71 AMP

PLAN	SURVEYED	DATE
BY		
NOTED		
NO.		

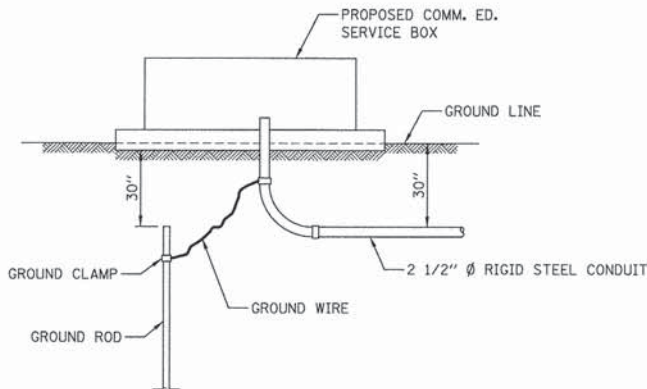
PROFILE	SURVEYED	DATE
BY		
NOTED		
NO.		

FILE NAME = ...\\B-Lighting\\2787.1\\18.Det.dgn



- NOTES:
1. HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
 2. DESIGN SHALL CONFORM WITH CURRENT AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS FOR 90 MPH WIND LOADINGS WITH A 1.3 GUST LOAD FACTOR.
 3. POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
 4. A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECAL SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

LIGHTING UNIT
(NOT TO SCALE)

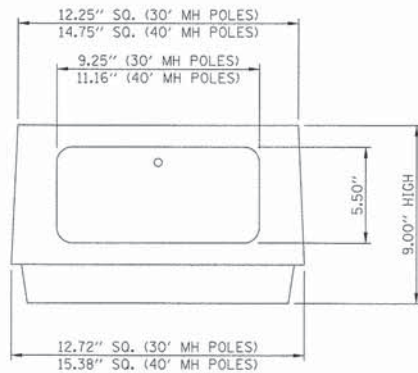


PROPOSED SERVICE INSTALLATION

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.

HARDWARE NOTES:

CARRIAGE BOLTS SHALL BE USED WITH FLAT WASHER AND LOCK NUTS. NO THREADED PIPE ALLOWED



(MEET 1985 AASHTO REQUIREMENTS)

TRANSFORMER BASE (BREAKAWAY DEVICE)



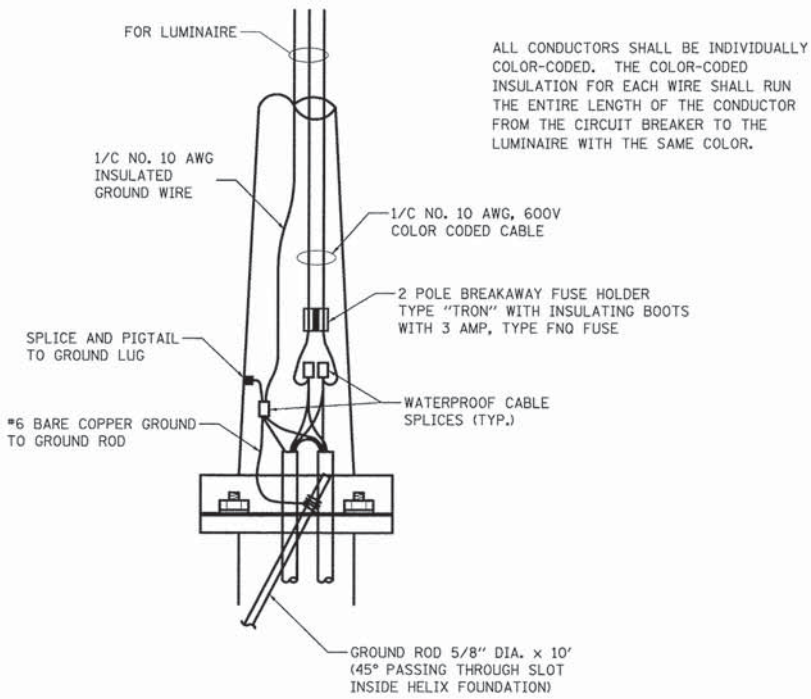
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PLOT DATE = 8/15/2014	CHECKED - DNM	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE	
STREET LIGHTING DETAILS	
SCALE: N.T.S.	SHEET NO. 1 OF 3 SHEETS

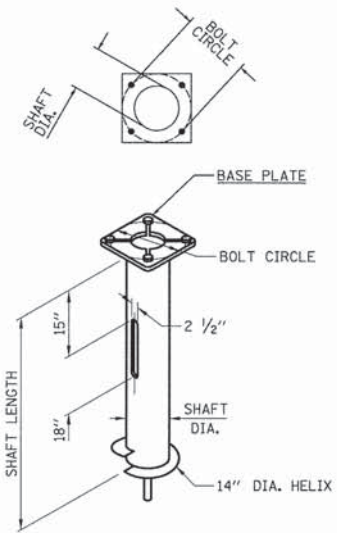
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	64
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	PLOTTED	CHECKED	BY	DATE
NOTE BOOK	NO.	NO.	NO.	NO.	NO.



ROADWAY POLE HANDHOLE WIRING DIAGRAM

PROFILE	SURVEYED	PLOTTED	CHECKED	BY	DATE
NOTE BOOK	NO.	NO.	NO.	NO.	NO.

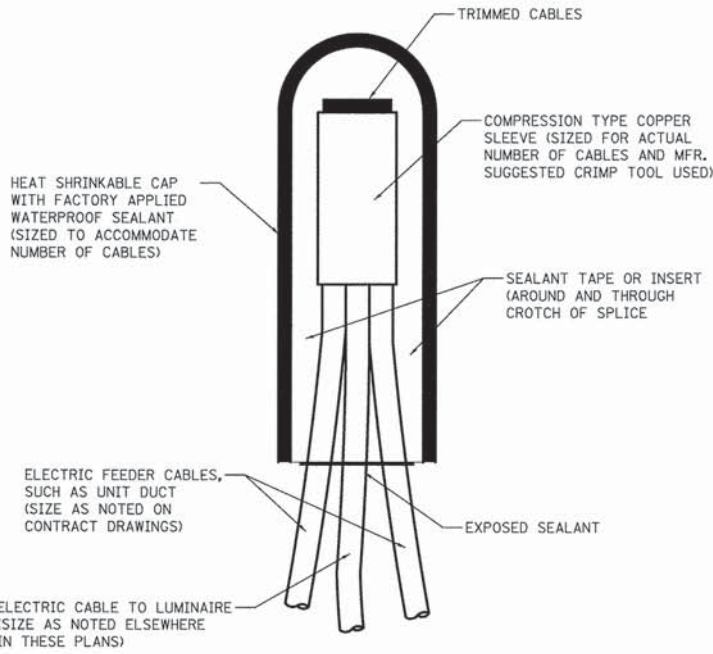


HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
31 FT. - 35 FT.	11 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
36 FT. - 40 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
41 FT. - 45 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
46 FT. - 50 FT.	15"	10"	8 FT.	15" X 15" X 1 1/4"

POLE FOUNDATION METAL

HELIX MUST BE FORMED BY MATCHING METAL DIE (SIDE VIEW OF TRUE HELICAL FORM)



SPLICING ELECTRIC CABLES
BASIC MATERIALS AND METHODS

NOTES FOR METAL FOUNDATION

- ALL DIMENSION IN INCHES UNLESS OTHERWISE SHOWN.
- ALL MATERIAL SHALL BE GALVANIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
- ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
- HELIX FOUNDATION SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
- ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
- METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
- THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB. METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.

- THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
- THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
- THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURER'S NAME AND DATE OF MANUFACTURE.
- ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:

BASE PLATE: AASHTO M 270M, GRADE 36 (M270M, GRADE 250)

SHAFT: ASTM A 252 - (LATEST REVISION) GRADE 2, (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)

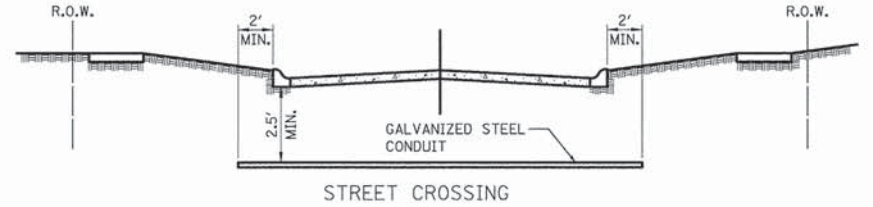
HELIX SCREW: AASHTO M 183 (ASTM A 635) (LATEST REVISION)

PILOT POINT: AASHTO M 270 (ASTM A 575) (LATEST REVISION)

ANCHOR RODS/STUDS: AASHTO M 314 (ASTM F 1554) (LATEST REVISION)

HEXAGON NUTS: AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H (LATEST REVISION)

WASHERS: AASHTO M 293 (ASTM F 436) (LATEST REVISION)

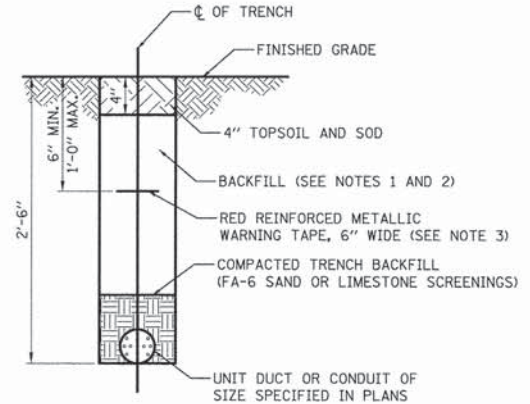


- CONDUIT SHALL BE HEAVY WALL RIGID GALVANIZED STEEL CONDUIT.
- CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF CURB.

ELECTRICAL CONDUIT UNDER PAVEMENT

NOTES:

- IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
- TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
- WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
- ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



TYPICAL TRENCH CROSS SECTION

FILE NAME = ...N16-Lighting\2787.1.T11.Det.dgn



USER NAME = djk	DESIGNED - SJC	REVISED -
PLOT SCALE = 5.0000' / in.	DRAWN - SJC	REVISED -
PLOT DATE = 8/15/2014	CHECKED - DNM	REVISED -
	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

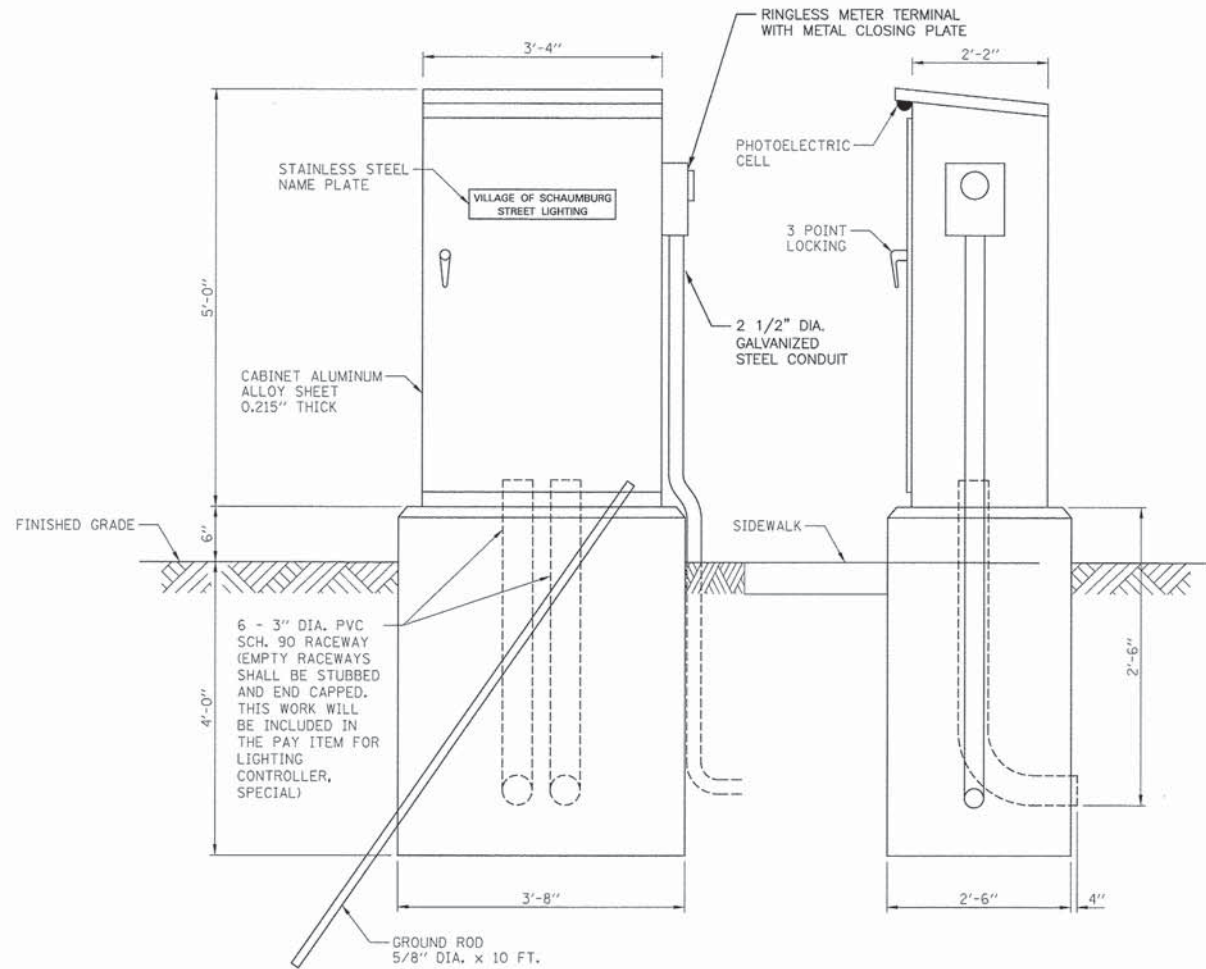
SALEM DRIVE STREET LIGHTING DETAILS	
SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS

F.A.U. RTE. 1101	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 65
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

FILE NAME = \\N5-Lighting\2787.LT12.Dwg



CONTROL CABINET - CONSOLE TYPE

NOTES FOR CONTROL CABINET:

THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.

CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.

THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.

PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.

ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

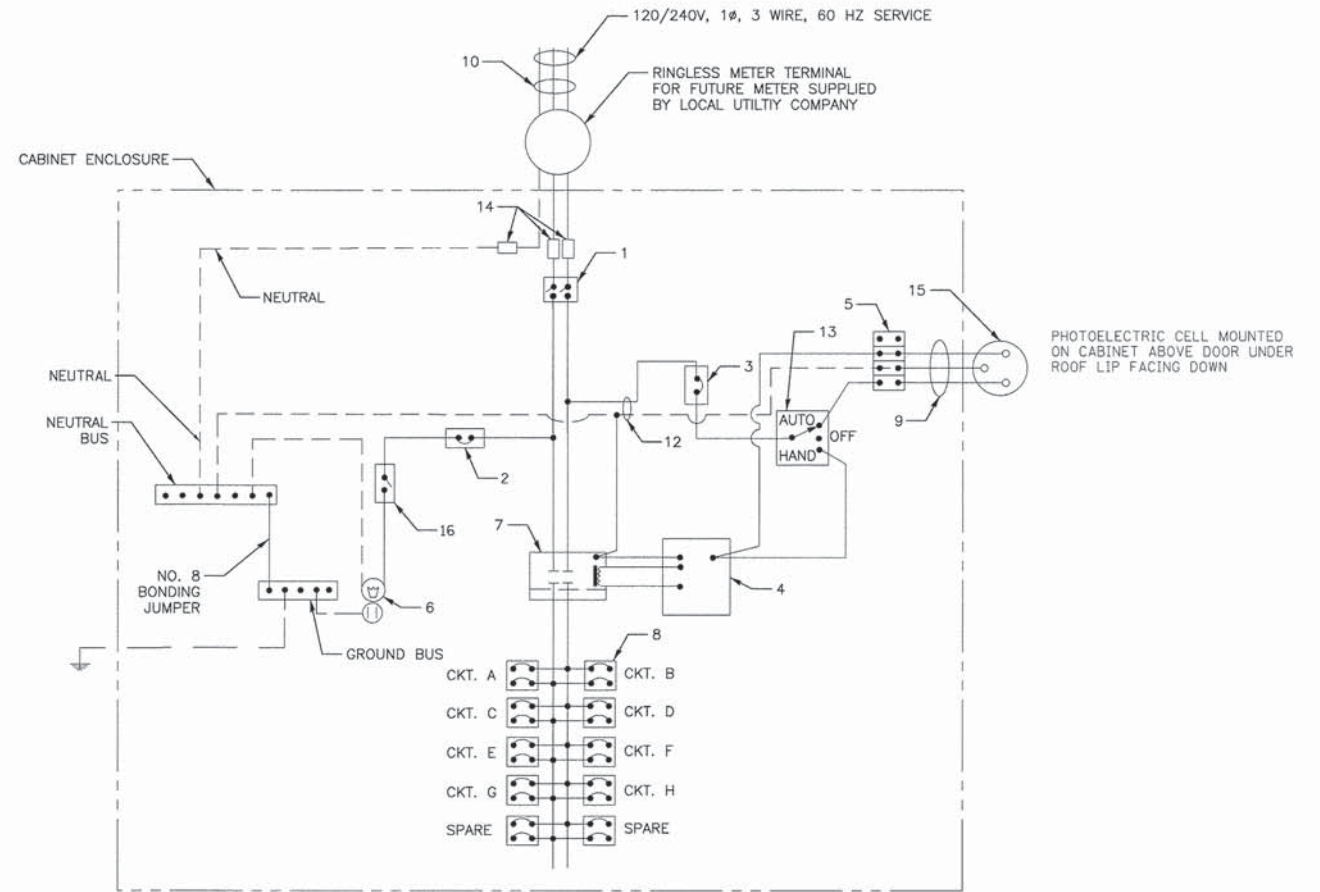
THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.

A METER WILL NOT BE INSTALLED AT THIS TIME BY THE UTILITY COMPANY BUT A RINGLESS METER TERMINAL WITH A METAL CLOSING PLATE WILL BE INSTALLED ON THE HINGED SIDE OF CABINET FOR FUTURE METER INSTALLATION.

PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.

CONTROLLER CABINET PAINTING NOTE:

THE CABINET SHALL BE PRIMED AND PAINTED GREEN. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCIDENTAL TO THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.



LIGHTING CONTROLLER WIRING DIAGRAM

LIGHTING CONTROLLER COMPONENT SCHEDULE

ITEM	SPECIFICATION OR EQUAL
① MAIN CIRCUIT BREAKER	100 AMPERE, 2 POLE, 240 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 25,000 RMS SYMMETRICAL AMPS AT 600V
② LAMPHOLDER CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
③ PHOTOELECTRIC CELL CONTROL CIRCUIT BREAKER	15 AMPERE, 1 POLE, 120 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 14,000 RMS SYMMETRICAL AMPS AT 277V
④ AUXILIARY RELAY	120 VOLT SPST 60 HZ COIL
⑤ FOUR POINT TERMINAL BLOCK	600 VOLT
⑥ LAMPHOLDER AND OUTLET	120 VOLT SWITCHED LAMPHOLDER AND 20 AMP GFI DUPLEX RECEPTACLE
⑦ REMOTE CONTROL SWITCH - CONTACTOR	100 AMPERE, 2 POLE, 240 VOLT RATING, 120V COIL. ELECTRICALLY OPERATED, ELECTRICALLY HELD SQUARE D 8903SQ01V02
⑧ BRANCH LINE CIRCUIT BREAKERS	CKT. A - G = 30 AMP, 2 POLE, 240 VOLT RATING INTERRUPTING CAPACITY NOT LESS THAN 10,000 RMS SYMMETRICAL AMPS AT 277V
⑨ PHOTOELECTRIC CELL CONTROL WIRE	3-600V XLP NO. 10
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. 2
⑪ BRANCH LINE CABLES	SEE PLANS FOR SIZE
⑫ LIGHTING POLE WIRE	2-600V XLP NO. 10 CABLES WITH POLE GROUND AND FUSING
⑬ HAND-AUTO-OFF CONTROL SWITCH	10 AMPERE, 3 POLE, 120 VOLT
⑭ LIGHTING ARRESTOR	BRACKET MOUNTED SURGE ARRESTOR FOR 120/240V 3W SERVICE
⑮ PHOTOELECTRIC CELL	120 SECONDS OFF TIME DELAY, 120V
⑯ MICRO SWITCH	MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN



USER NAME = djk	DESIGNED - SJC	REVISED -
	DRAWN - SJC	REVISED -
PLOT SCALE = 5.0000' / 1"	CHECKED - DNM	REVISED -
PLOT DATE = 8/15/2014	DATE - 08/18/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE	F.A.U. RTE. 1101
STREET LIGHTING DETAILS	SECTION 09-00099-00-PV
SCALE: N.T.S.	COUNTY COOK
SHEET NO. 3 OF 3 SHEETS	TOTAL SHEETS 107
	SHEET NO. 66

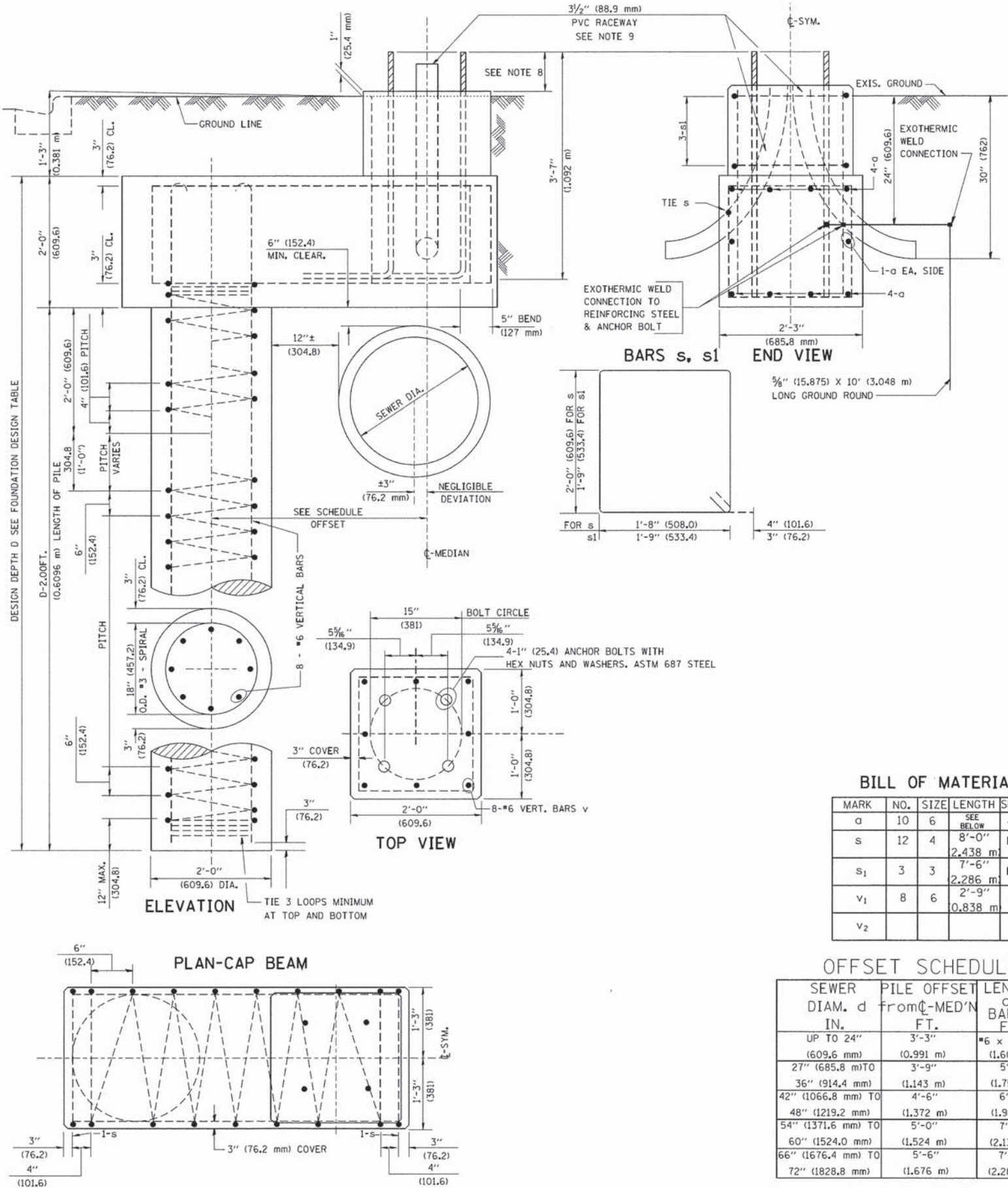
CONTRACT NO. 61A69	ILLINOIS FED. AID PROJECT M-4003(370)
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FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENSION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERCTED.

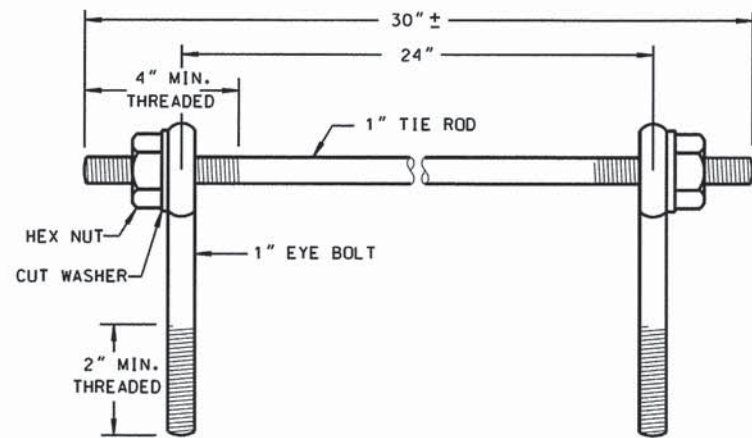


BILL OF MATERIAL

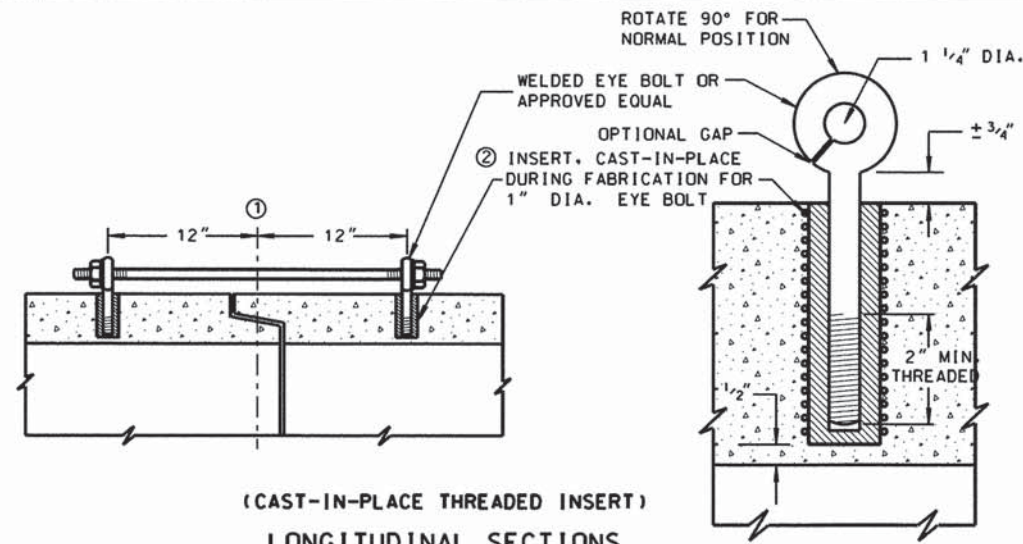
MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2,438 m)	□
s ₁	3	3	7'-6" (2,286 m)	□
v ₁	8	6	2'-9" (0,838 m)	—
v ₂				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from C-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1,600 m)
27" (685.8 mm) TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1,753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1,981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1,524 m)	7'-0" (2,134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1,676 m)	7'-6" (2,286 m)



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)
LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS. JOINT TIES AND HARDWARE SHALL BE GALVANIZED STEEL.

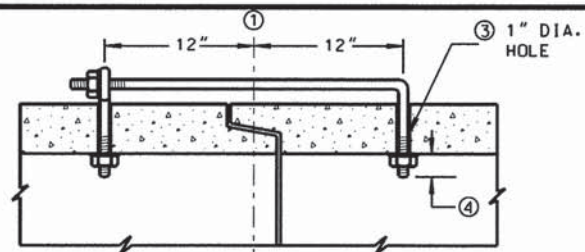
CONCRETE CULVERT PIPE AND SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT THE LAST THREE JOINTS BEFORE A FLARED END SECTION

THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR CONCRETE PIPE.

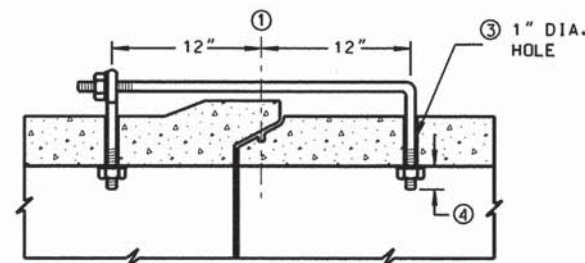
UNLESS OTHERWISE STATED IN THE CONTRACT THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE CULVERT PIPE AS INDICATED ON THE PLANS AND BY THIS DETAIL WILL BE CONSIDERED INCLUDED IN THE COST OF PIPE CULVERTS OR STORM SEWERS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR GALVANIZED STEEL JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

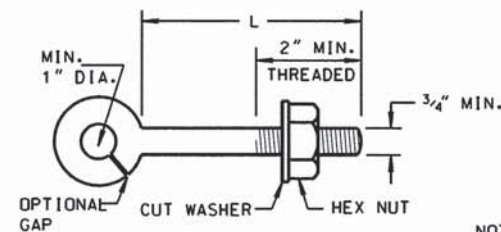
1. 1/2" OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.
2. THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.
3. HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12" FROM 1/2" OF TONGUE AND GROOVE.
4. BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2".
5. OPENING TO BE ROD DIAMETER + 1 INCH.
6. LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

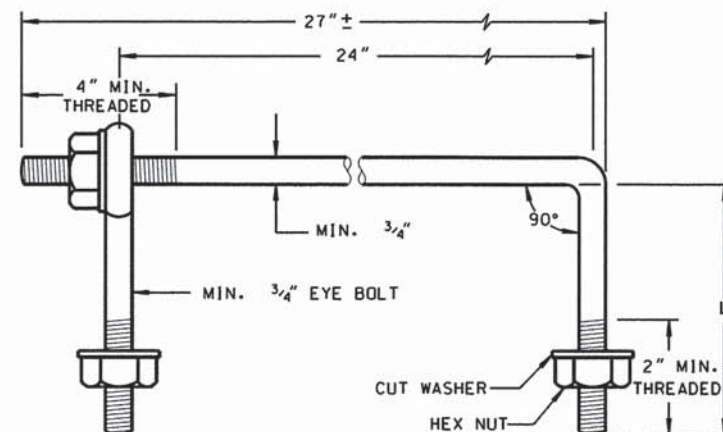


(MODIFIED BELL PIPE)
LONGITUDINAL SECTION



EYE BOLT

NOTE:
TWO EYE BOLTS MAY BE USED WITH
A 30" LONG THREADED ROD IN LIEU
OF THE 90° BENT TIE ROD.



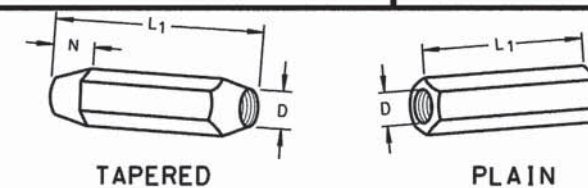
EYE BOLT AND TIE ROD

(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

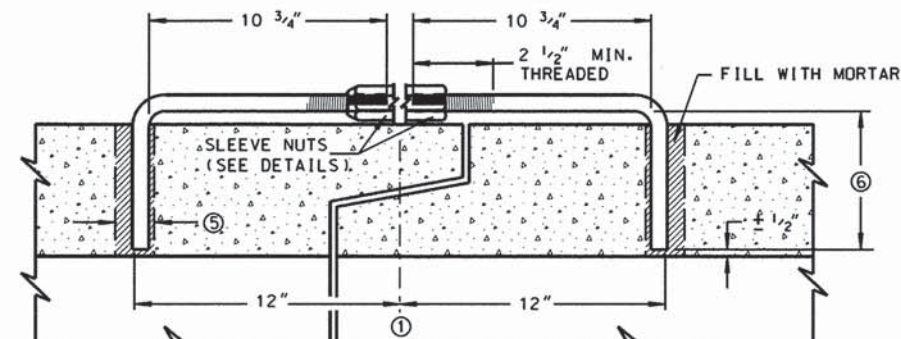
EYE BOLT DIMENSION TABLE

PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



RIGHT AND LEFT THREADS

SLEEVE NUTS



LONGITUDINAL SECTION

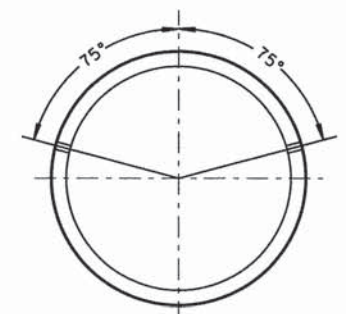
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)

ADJUSTABLE TIE ROD TABLE

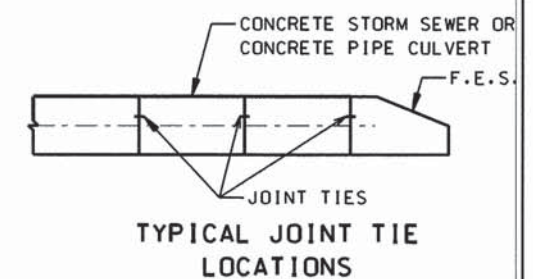
PIPE DIAMETER	TIE ROD DIAMETER	D	L1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES

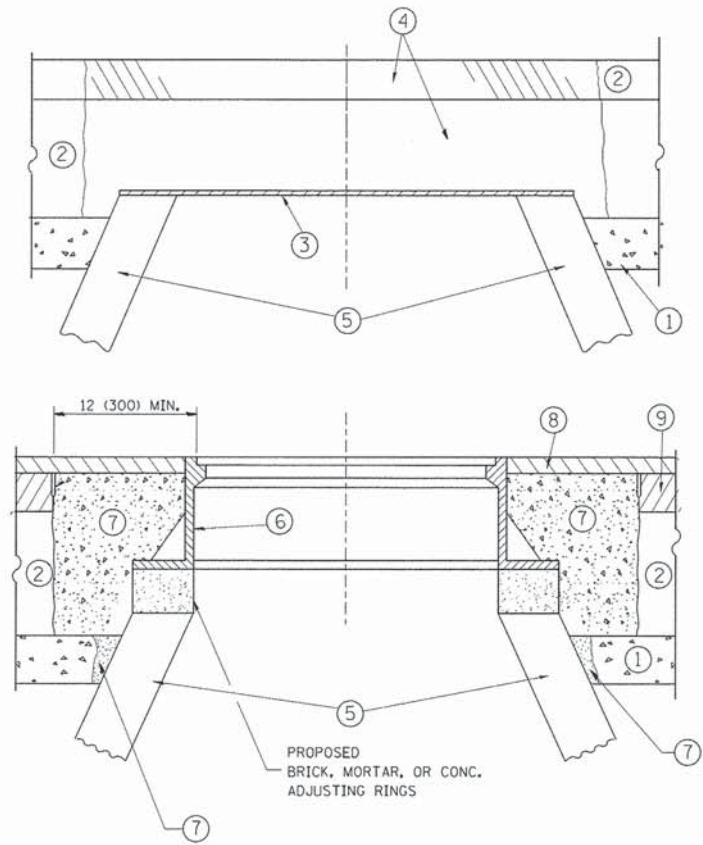


PLACEMENT OF (2) CAST-IN-PLACE
INSERTS OR HOLES DURING FABRICATION
FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



JOINT TIES FOR
CONCRETE PIPE



NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- *UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

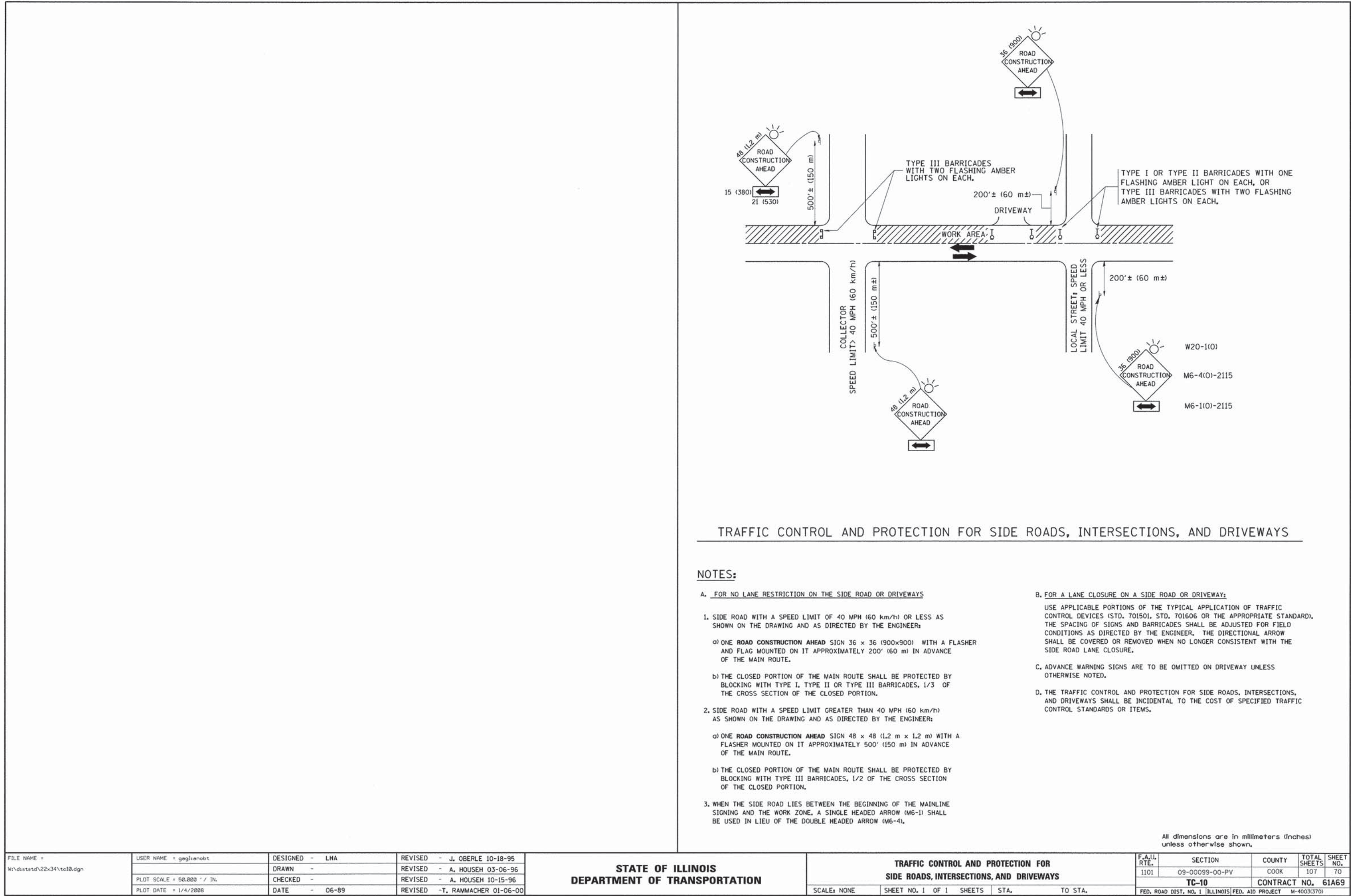
THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

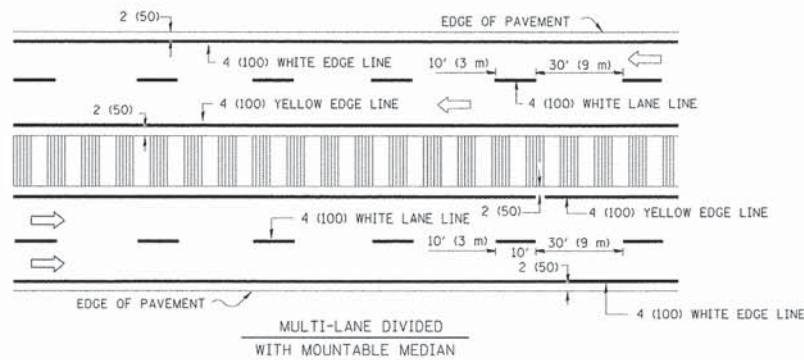
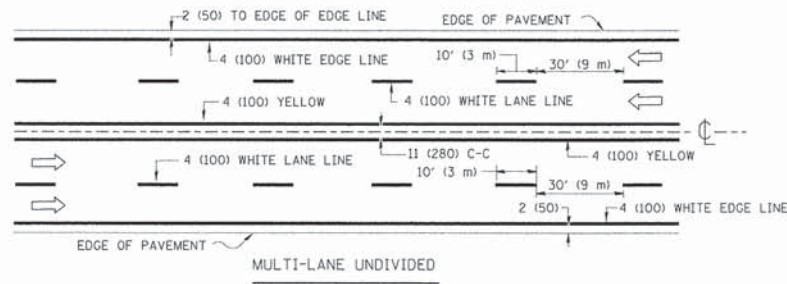
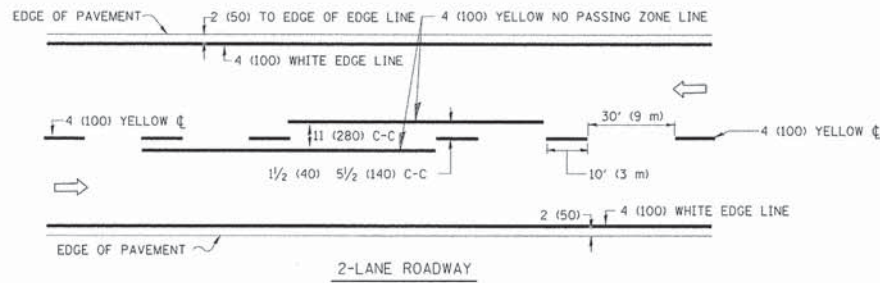
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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		DRAWN -	REVISED - R. BORO 01-01-07							1101	09-00099-00-PV	COOK	107	69
	PLOT SCALE = 1/648,5000 ' / m	CHECKED -	REVISED - R. BORO 03-09-11		BD600-03 (BD-8)		CONTRACT NO. 61A69							
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT	M-4003(370)	

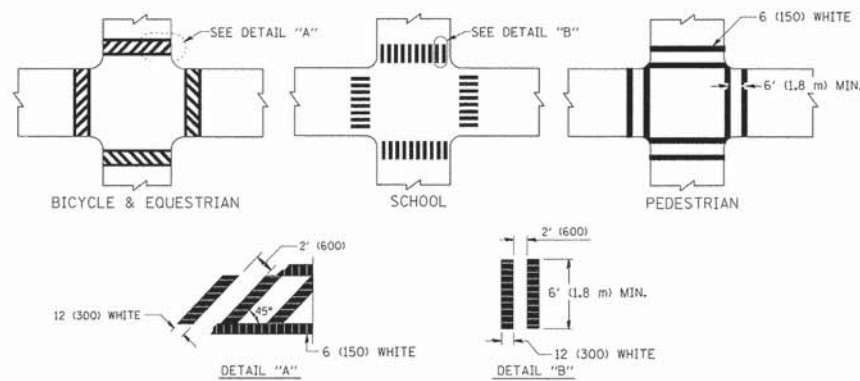


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		DRAWN -	REVISED - A. HOUSEH 03-06-96					1101	09-00099-00-PV	COOK	107	70
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96		TC-10			CONTRACT NO. 61A69				
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(370)				

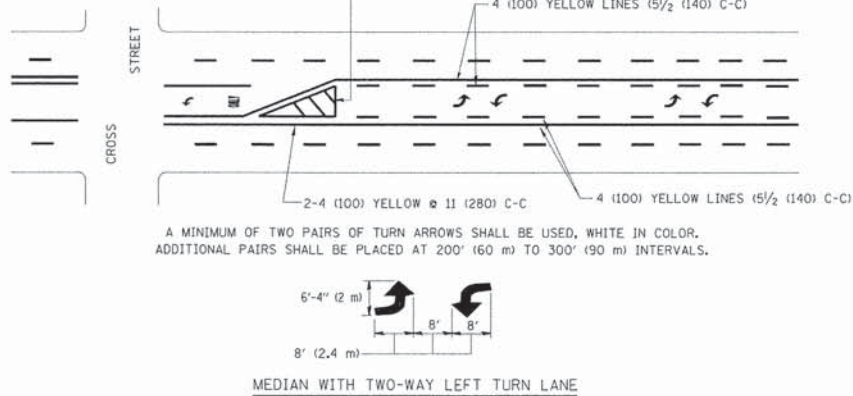
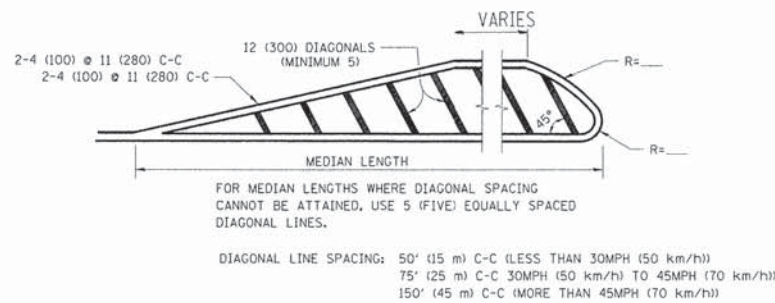
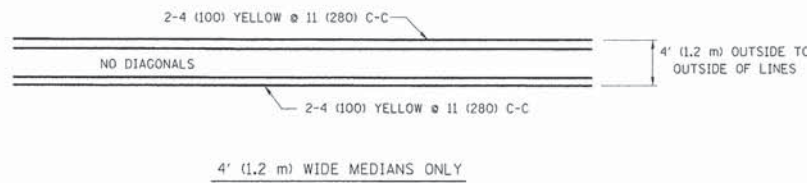


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

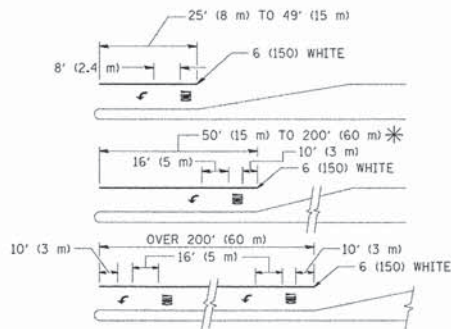
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

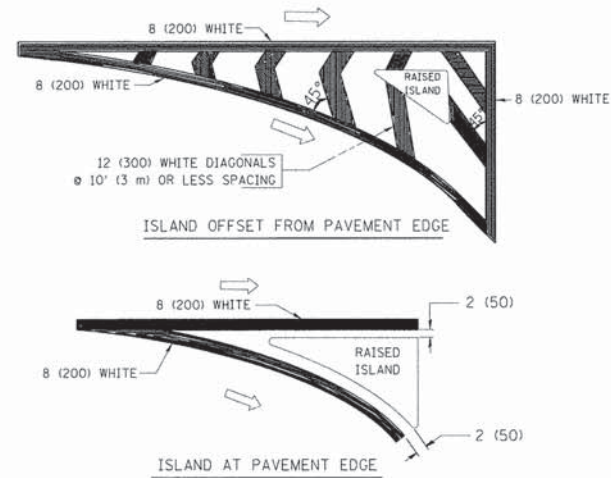


TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

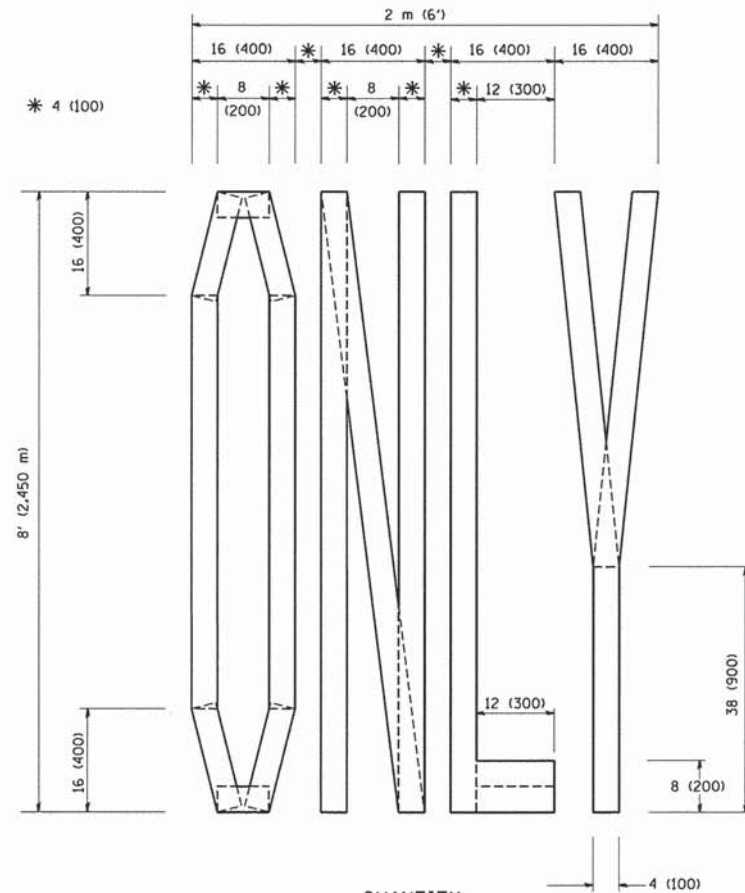
TYPICAL TURN LANE MARKING



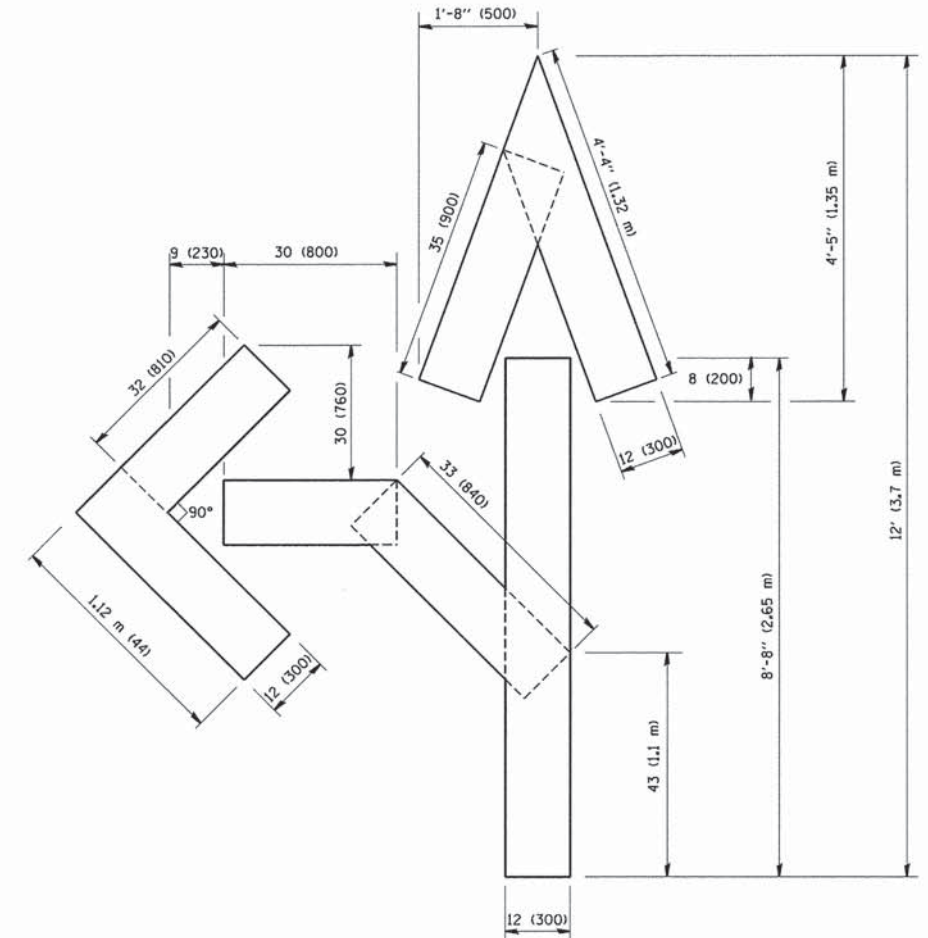
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION AND STATE STANDARD 780001.

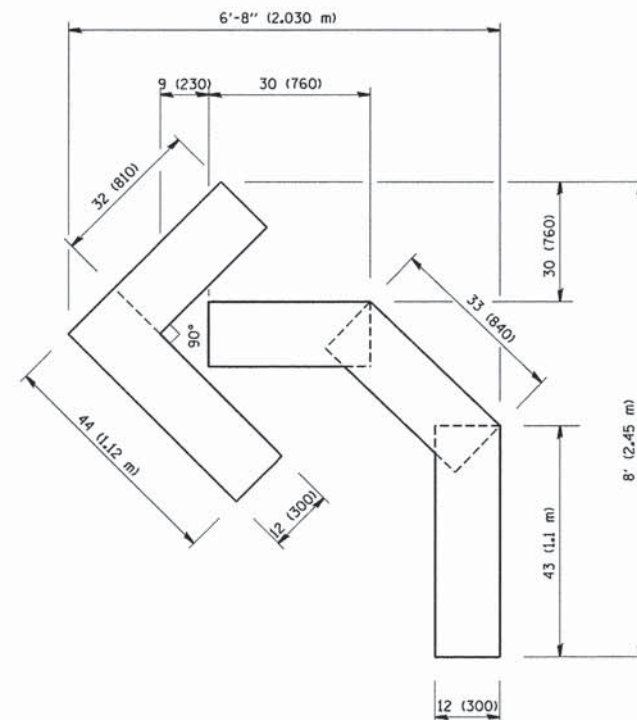
All dimensions are in inches (millimeters)
unless otherwise shown.



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

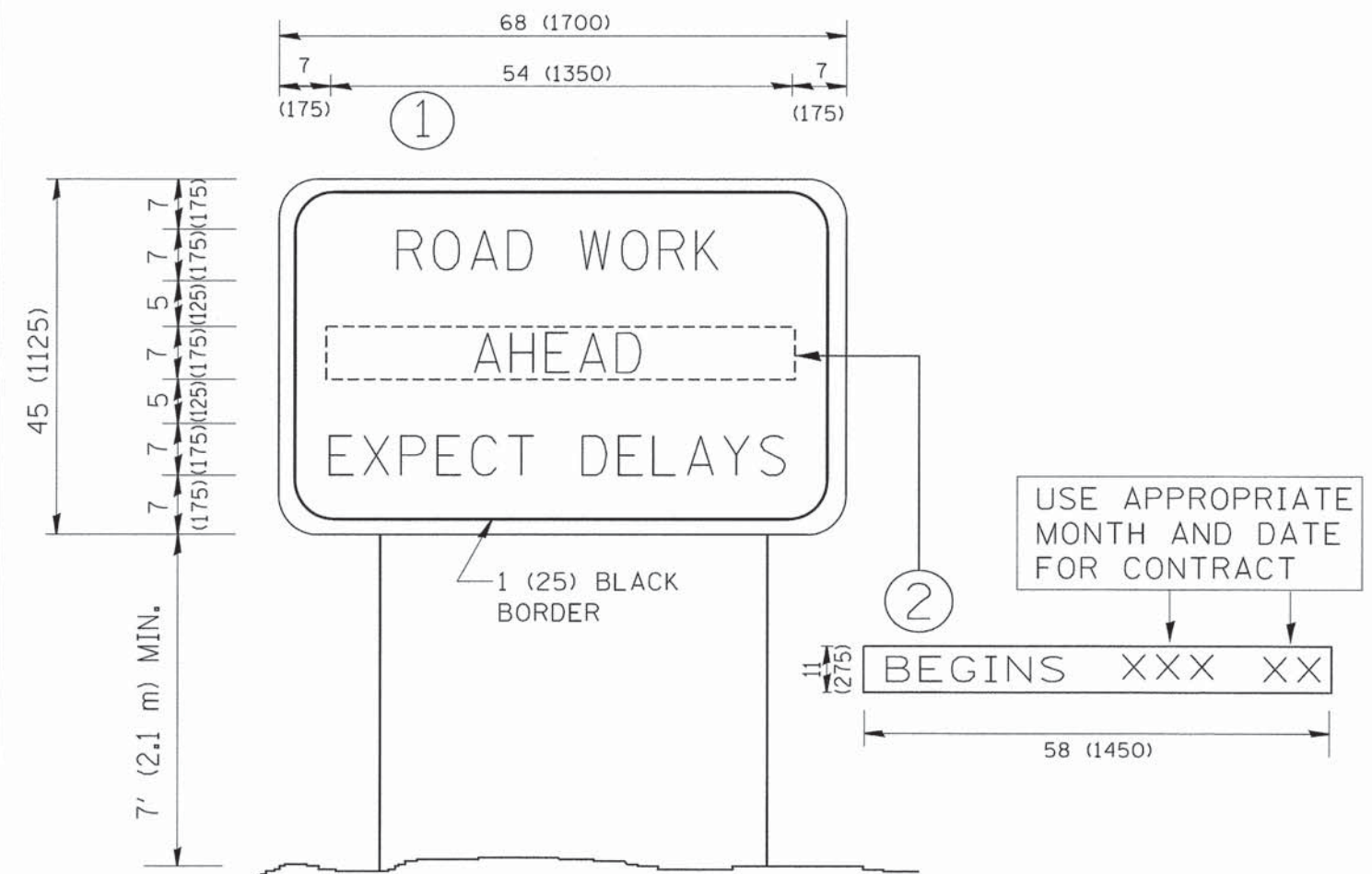
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		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1101	09-00099-00-PV	COOK	107	72
TC-16		CONTRACT NO. 61A69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(370)				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = goglianobz	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97					1101	09-00099-00-PV	COOK	107	74
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		TC-22			CONTRACT NO. 61A69				
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(370)		



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

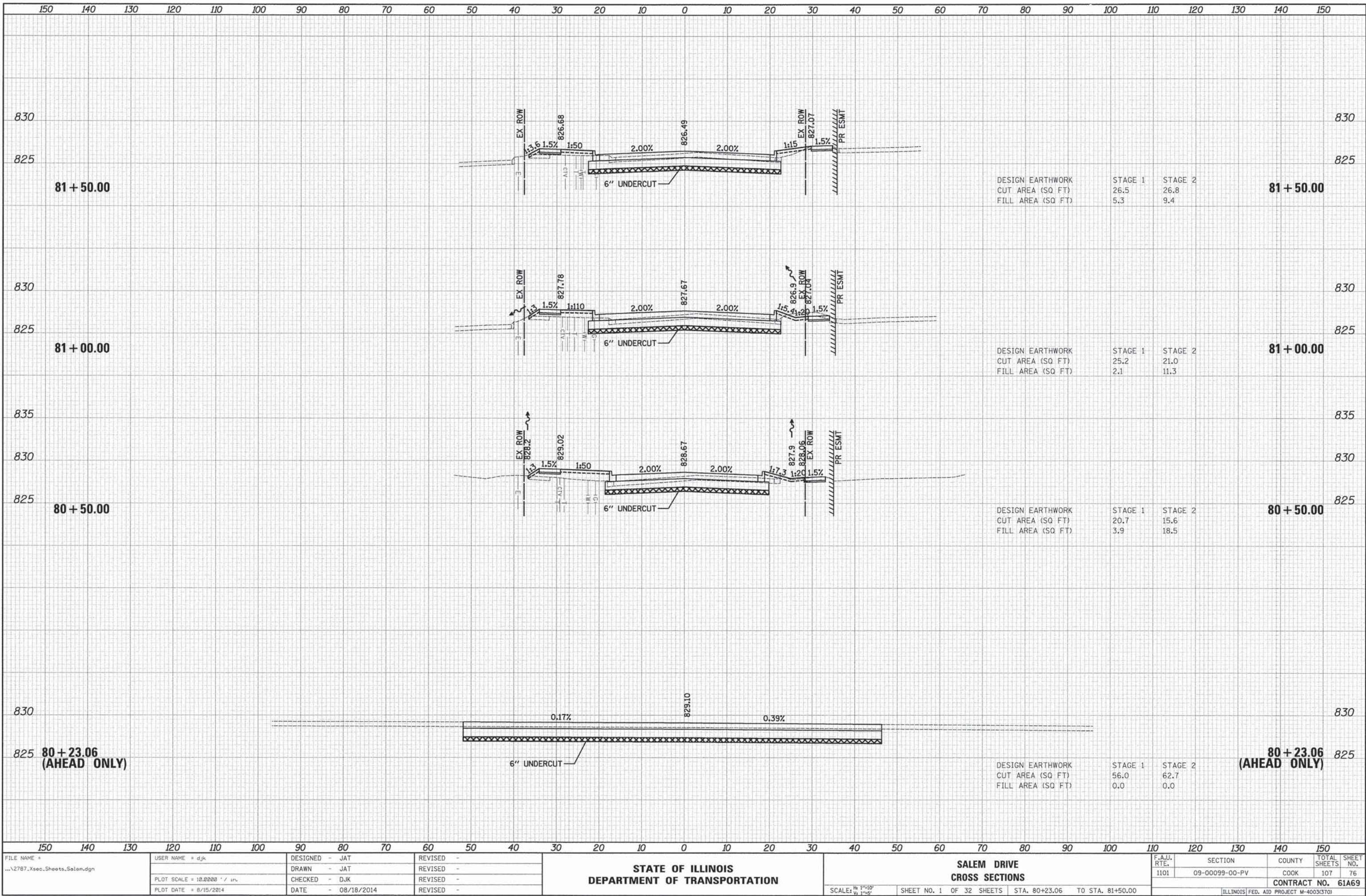
NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME = W:\diststd\22x34\te26.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						1101	09-00099-00-PV	COOK	107	75
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	PLOT DATE = 1/4/2008	DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(370)								
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

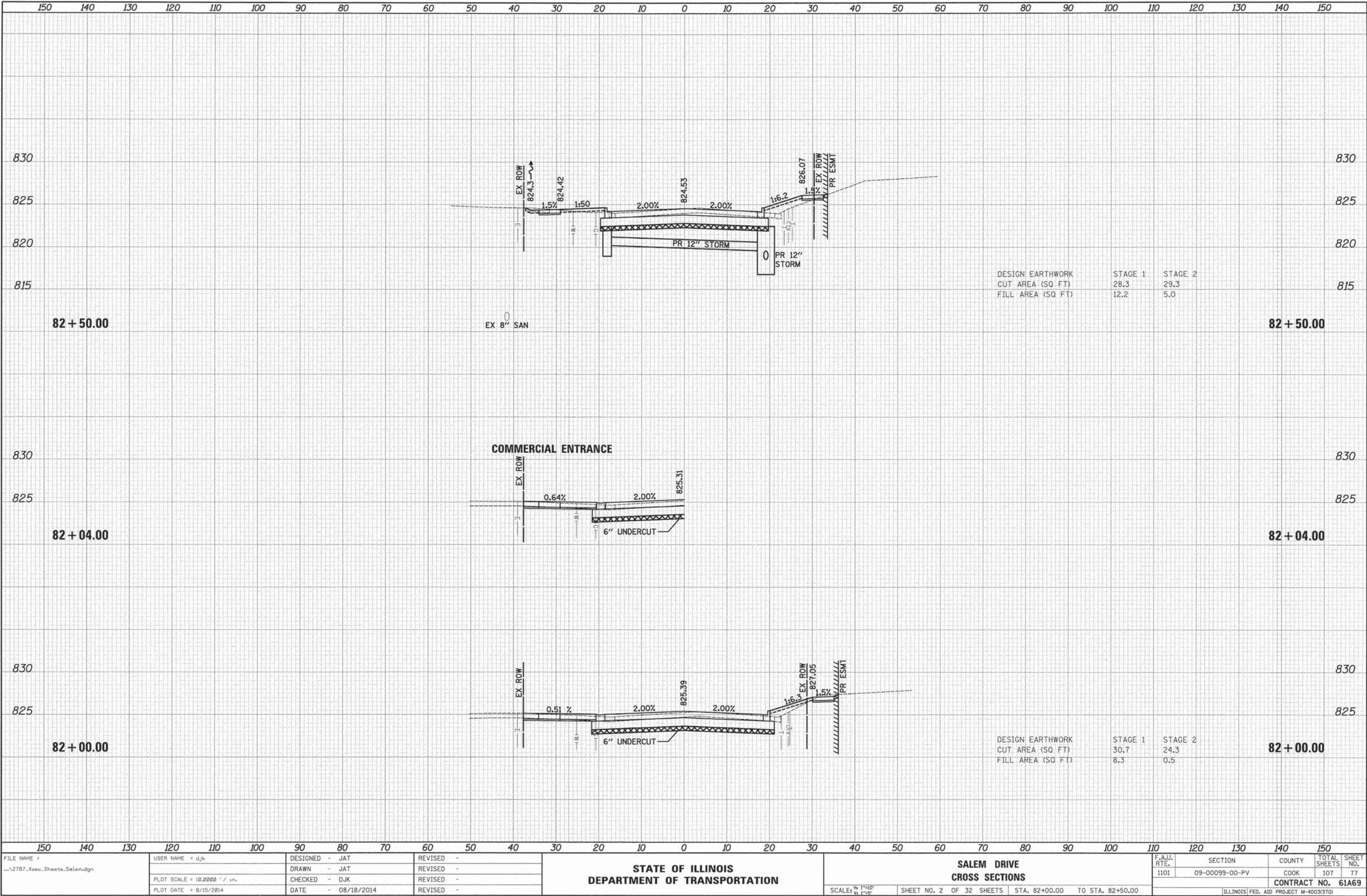
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	BY
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



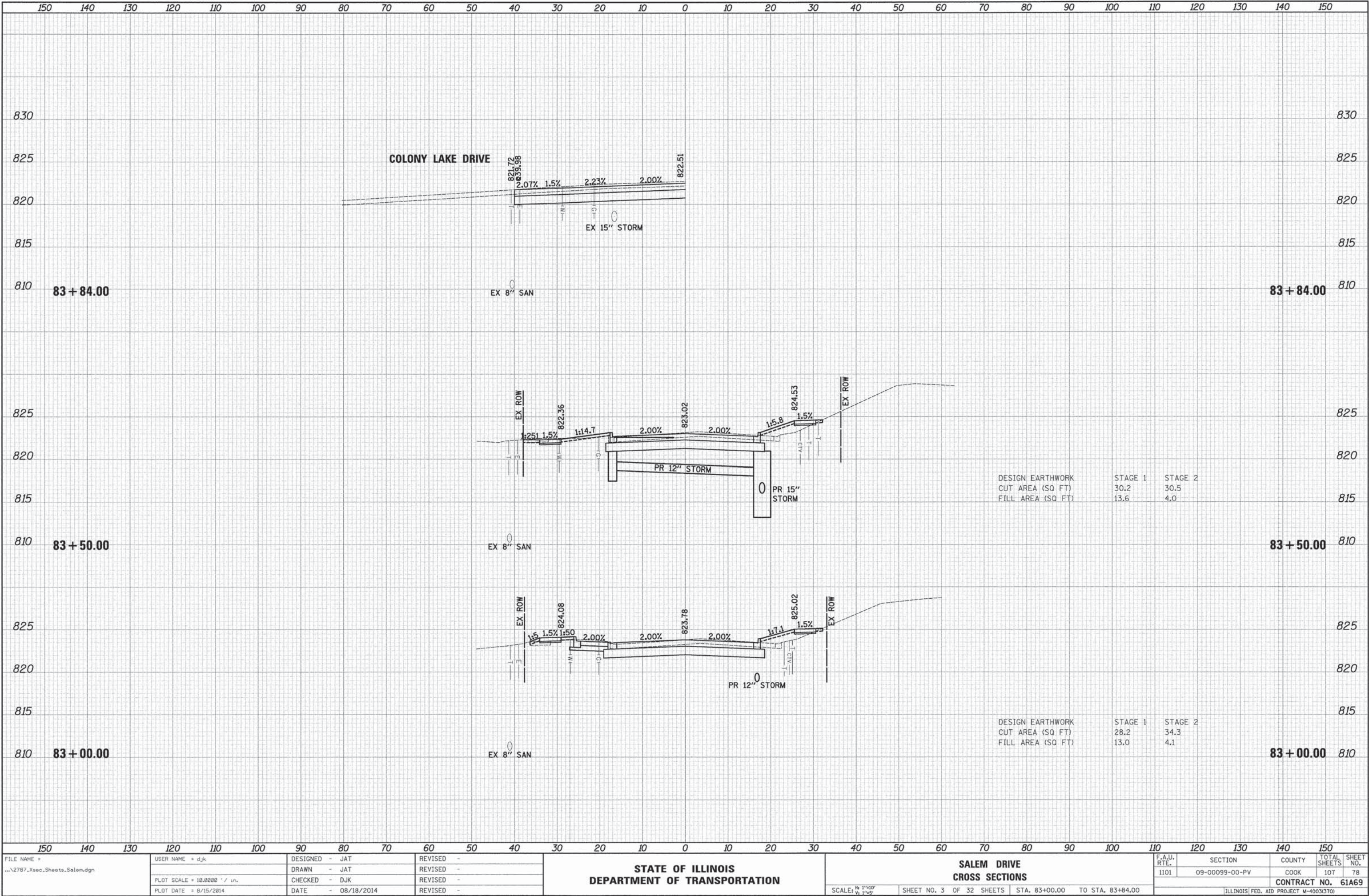
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NOTE BOOK	TEMPLATE
NO.	AREAS CHECKED

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NOTE BOOK	TEMPLATE
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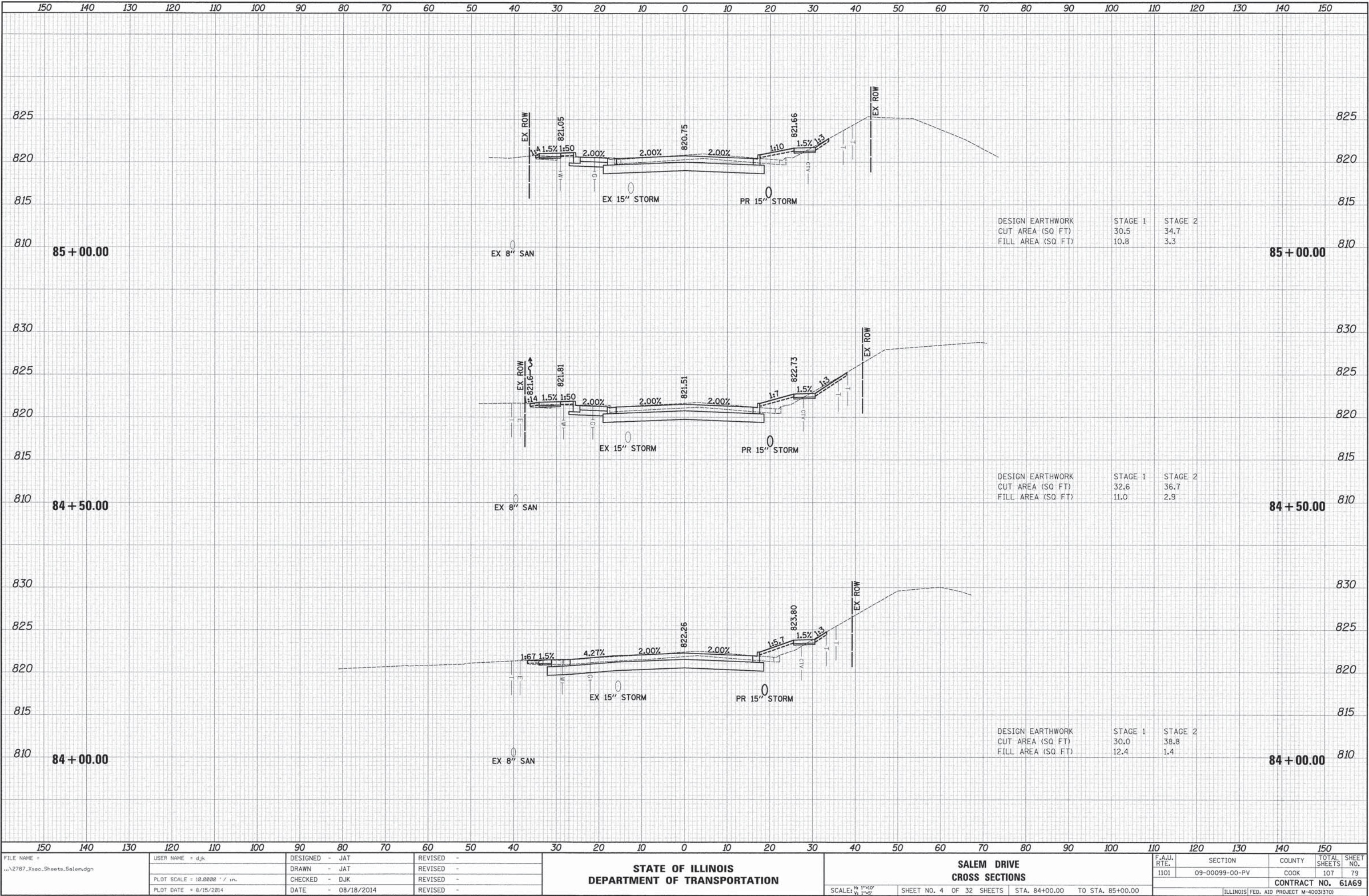
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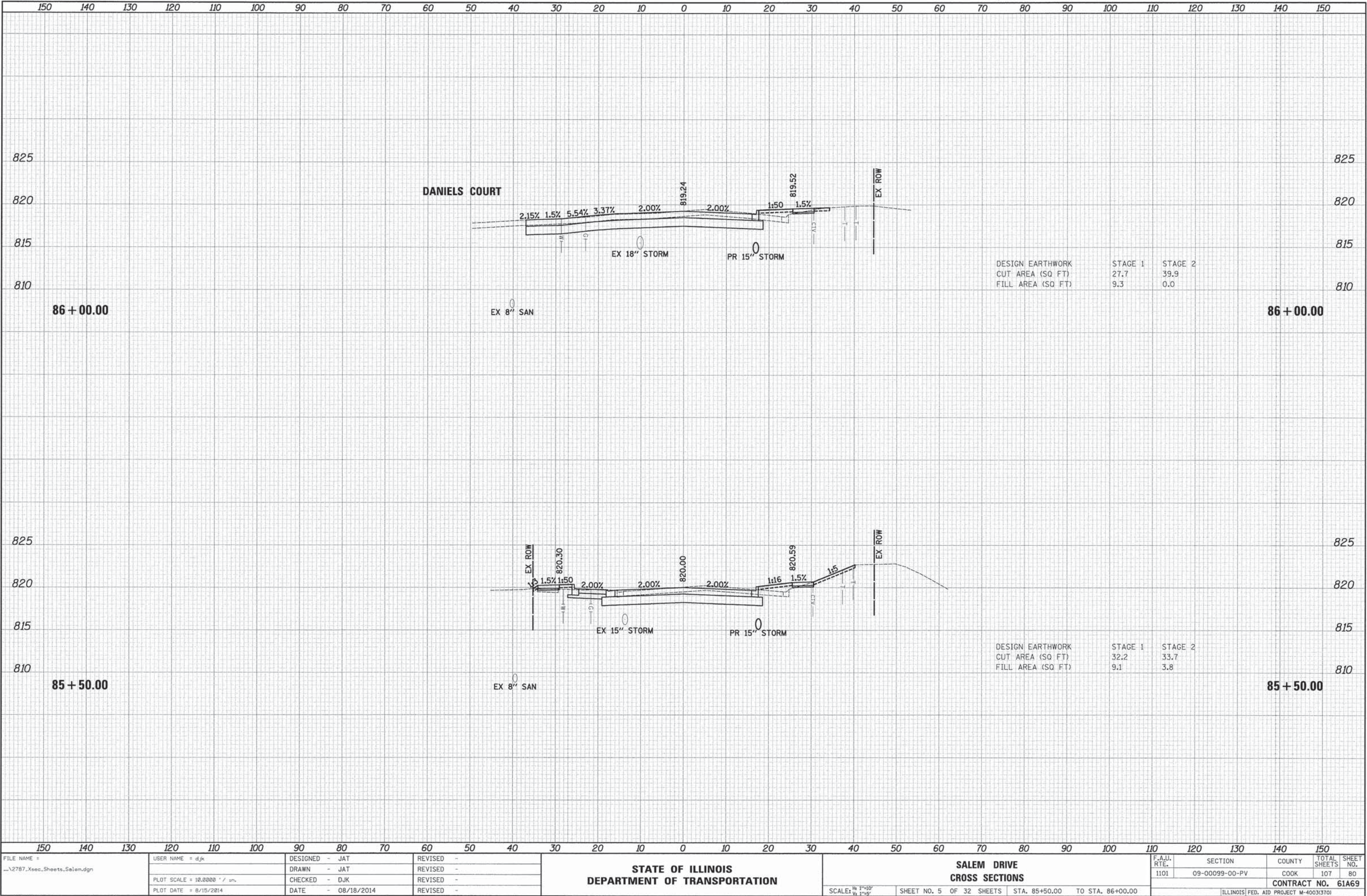
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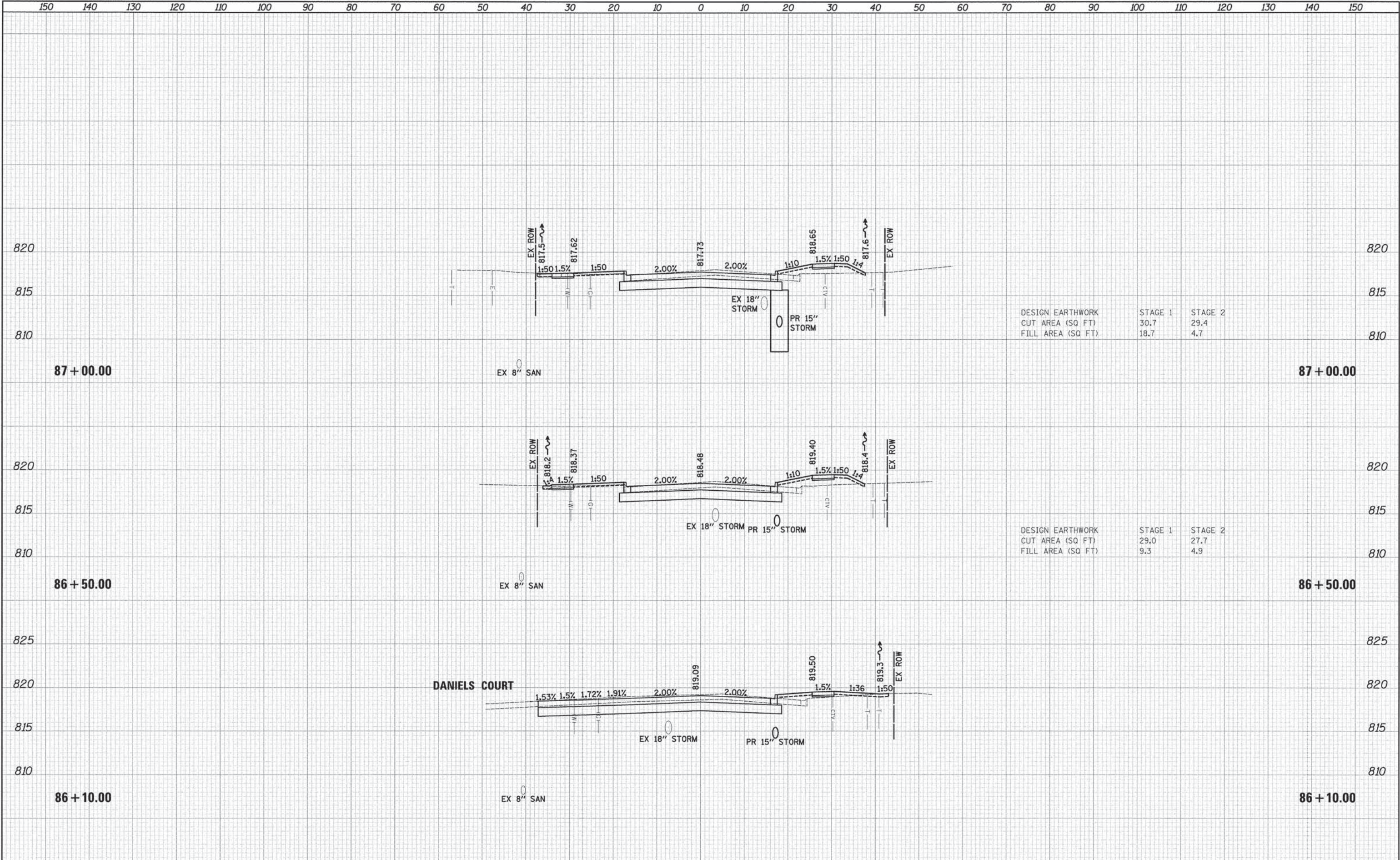
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NOTE BOOK	TEMPLATE
NO.	AREAS CHECKED



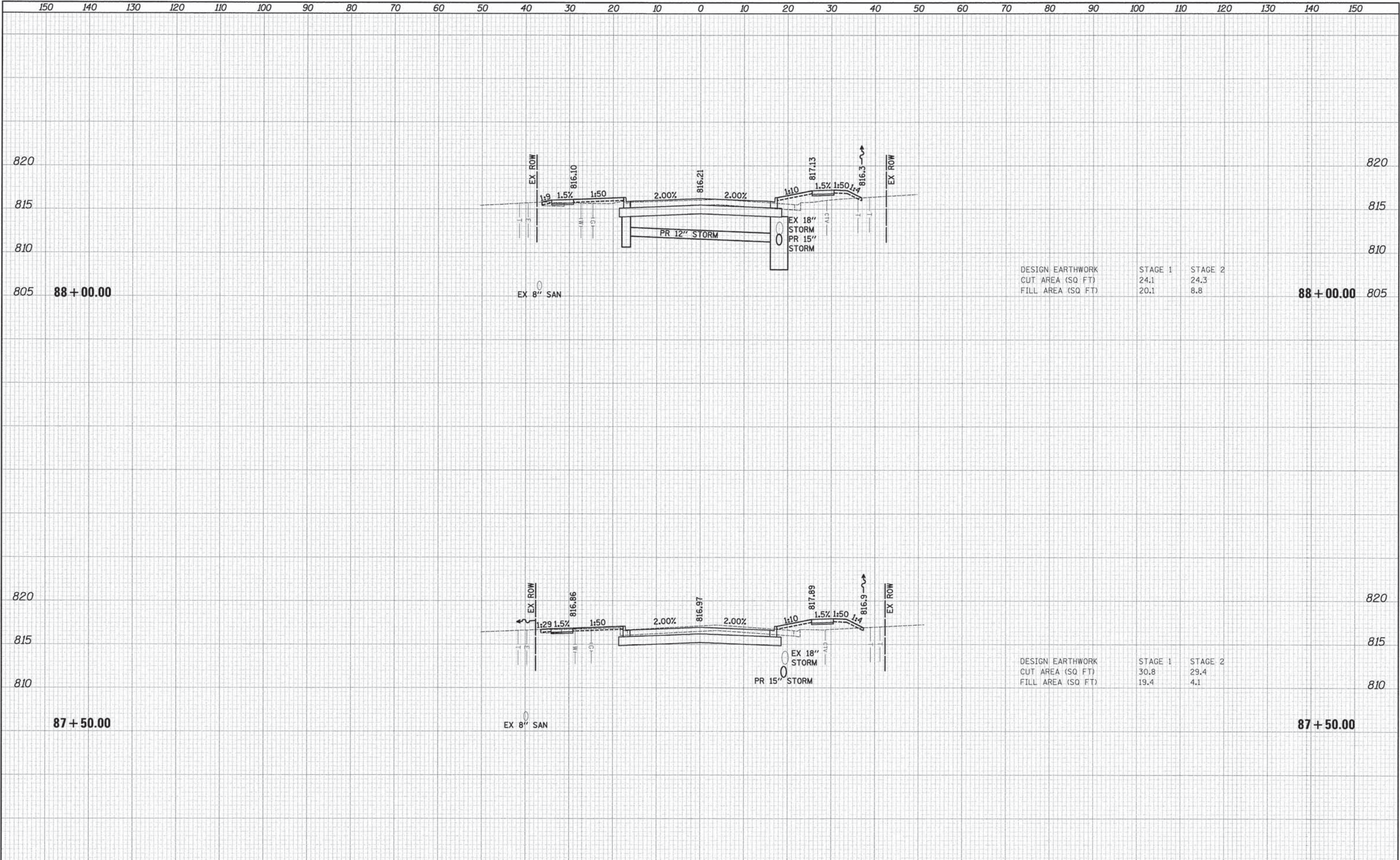
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NOTE BOOK	
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SURVEYED	BY
PLOTTED	
NOTE BOOK	
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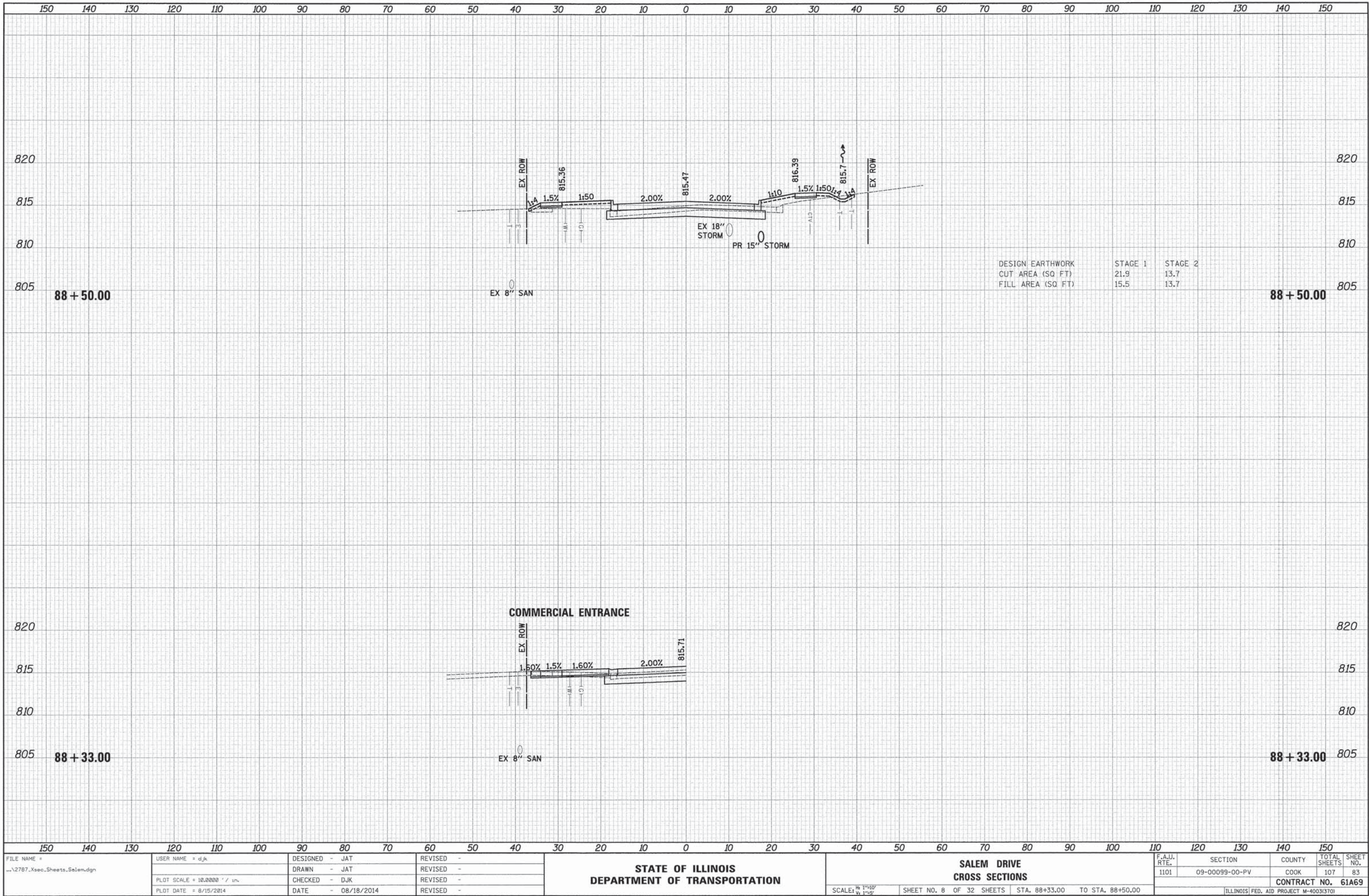


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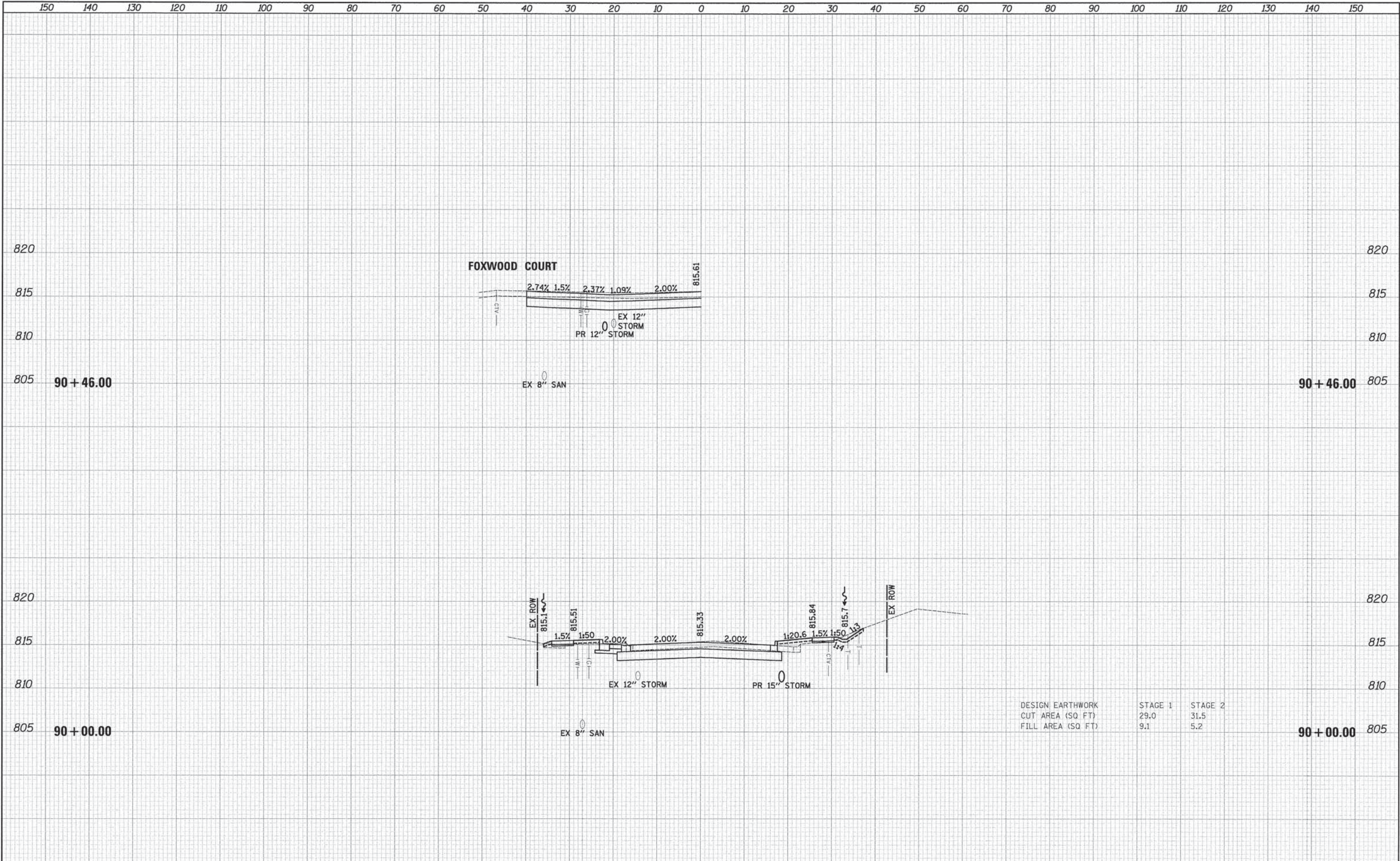


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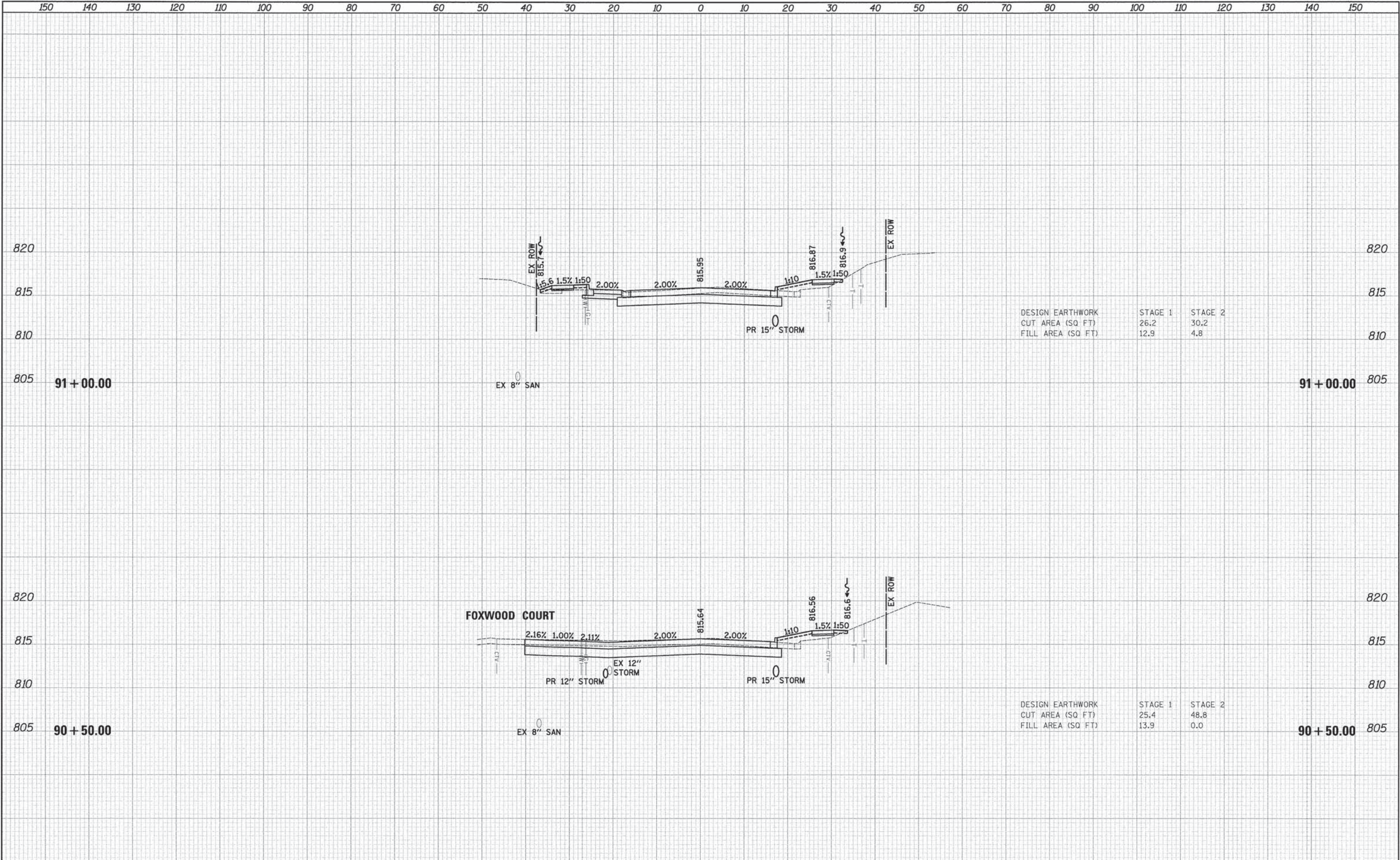
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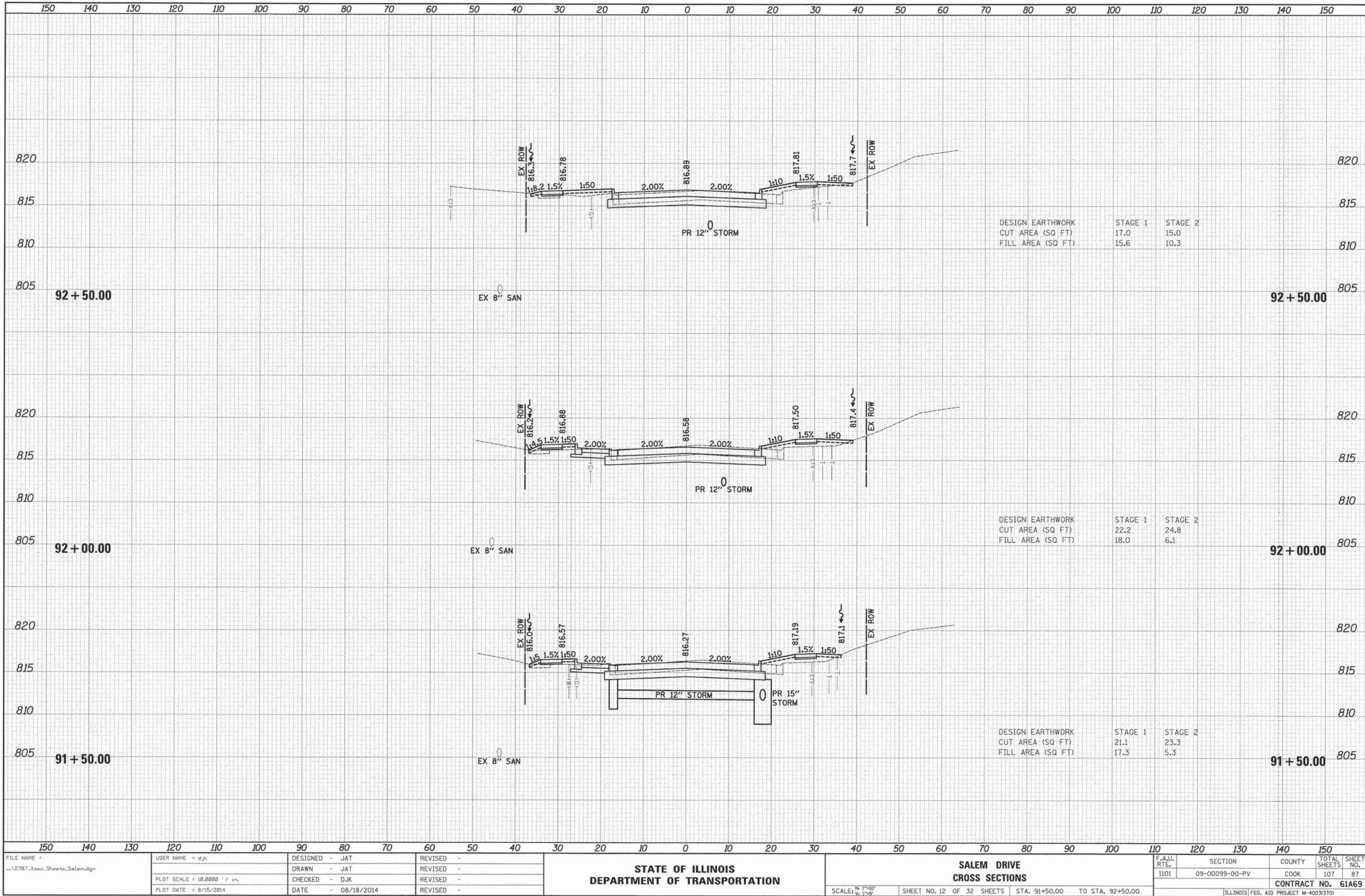


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NOTE BOOK	TEMPLATE		
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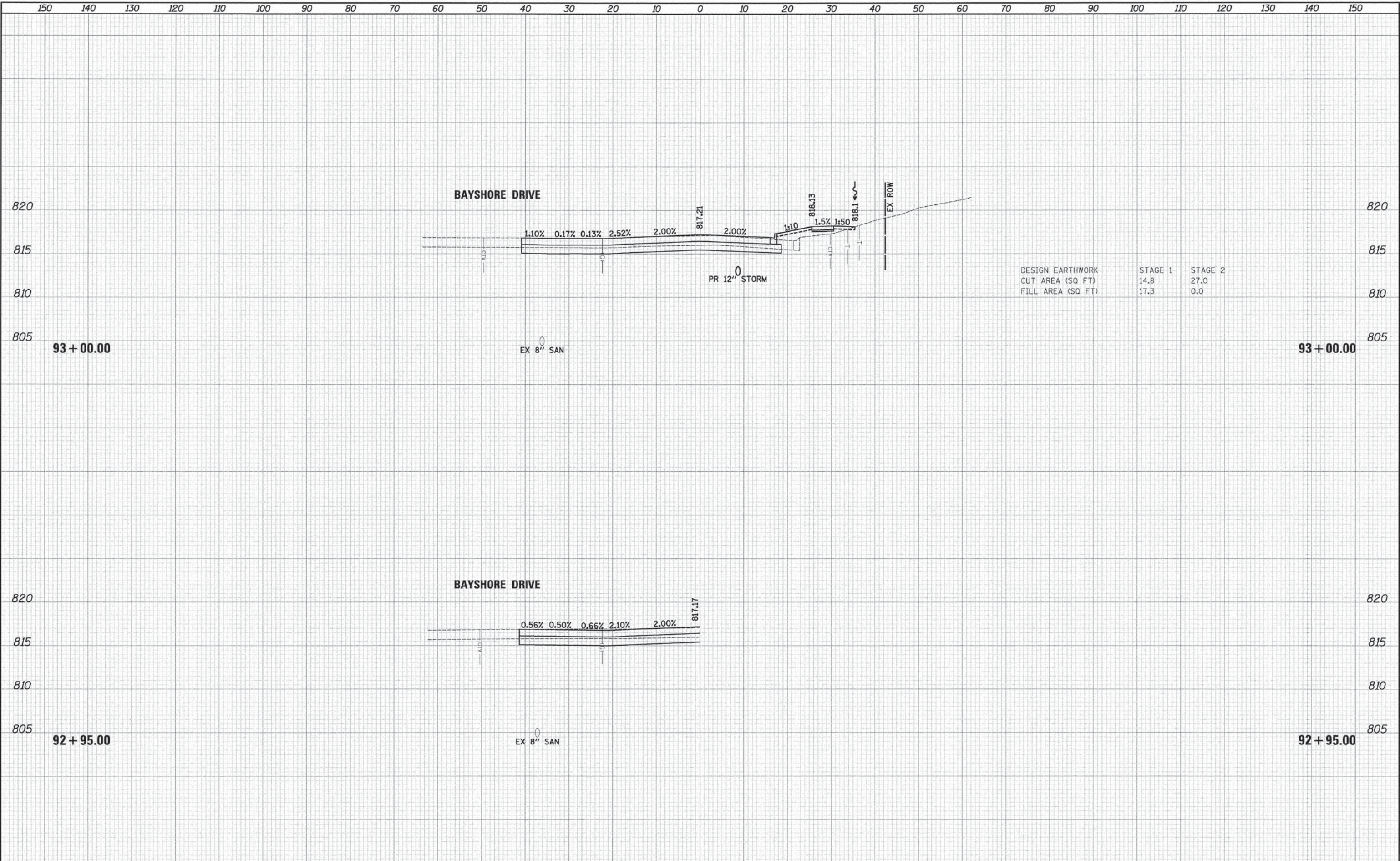


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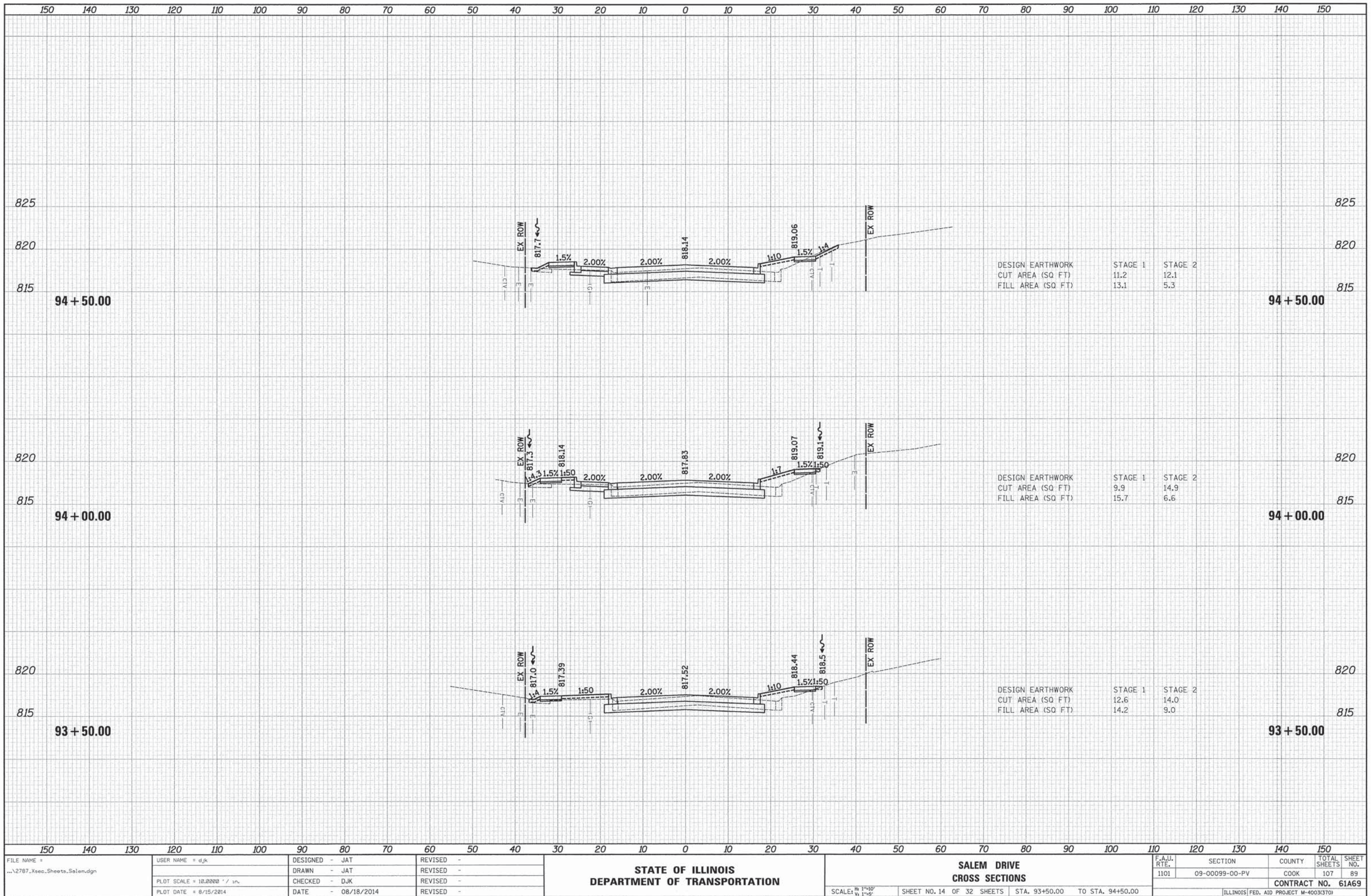
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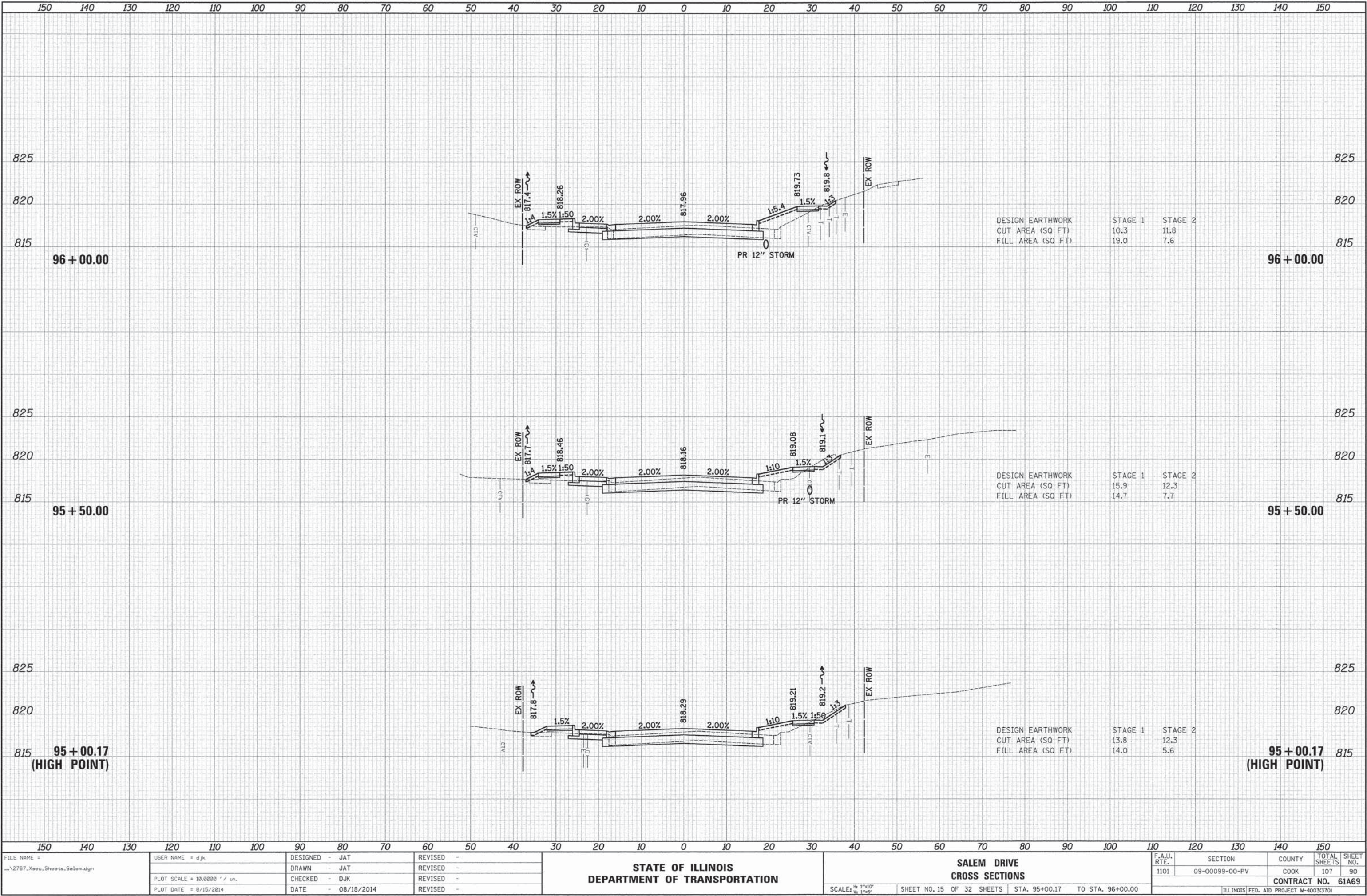
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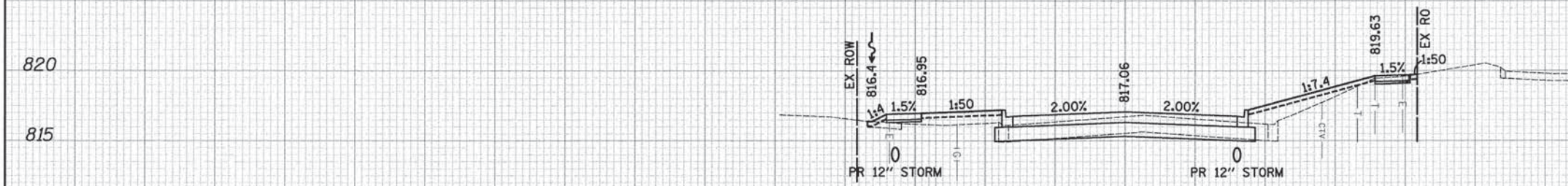
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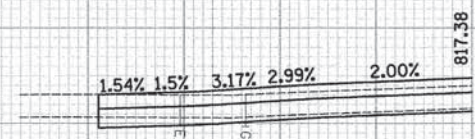
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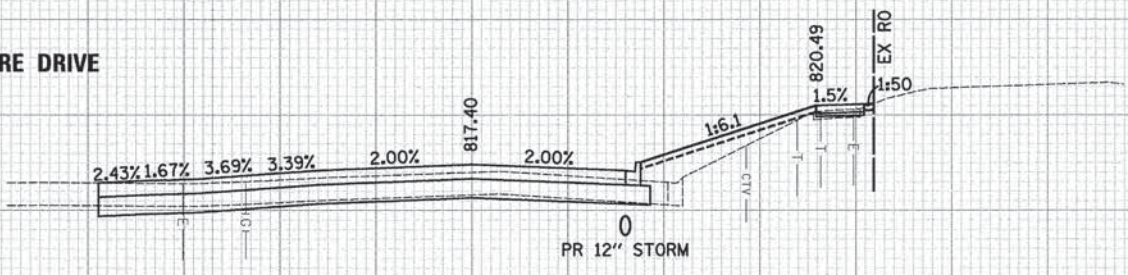


DESIGN EARTHWORK	STAGE 1	STAGE 2
CUT AREA (SQ FT)	9.8	6.4
FILL AREA (SQ FT)	19.2	14.1

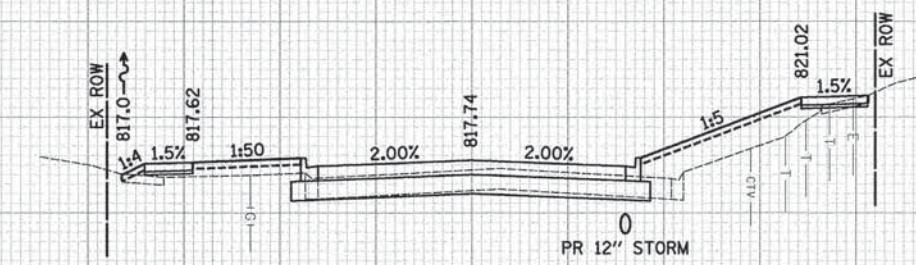
BAYSHORE DRIVE



BAYSHORE DRIVE



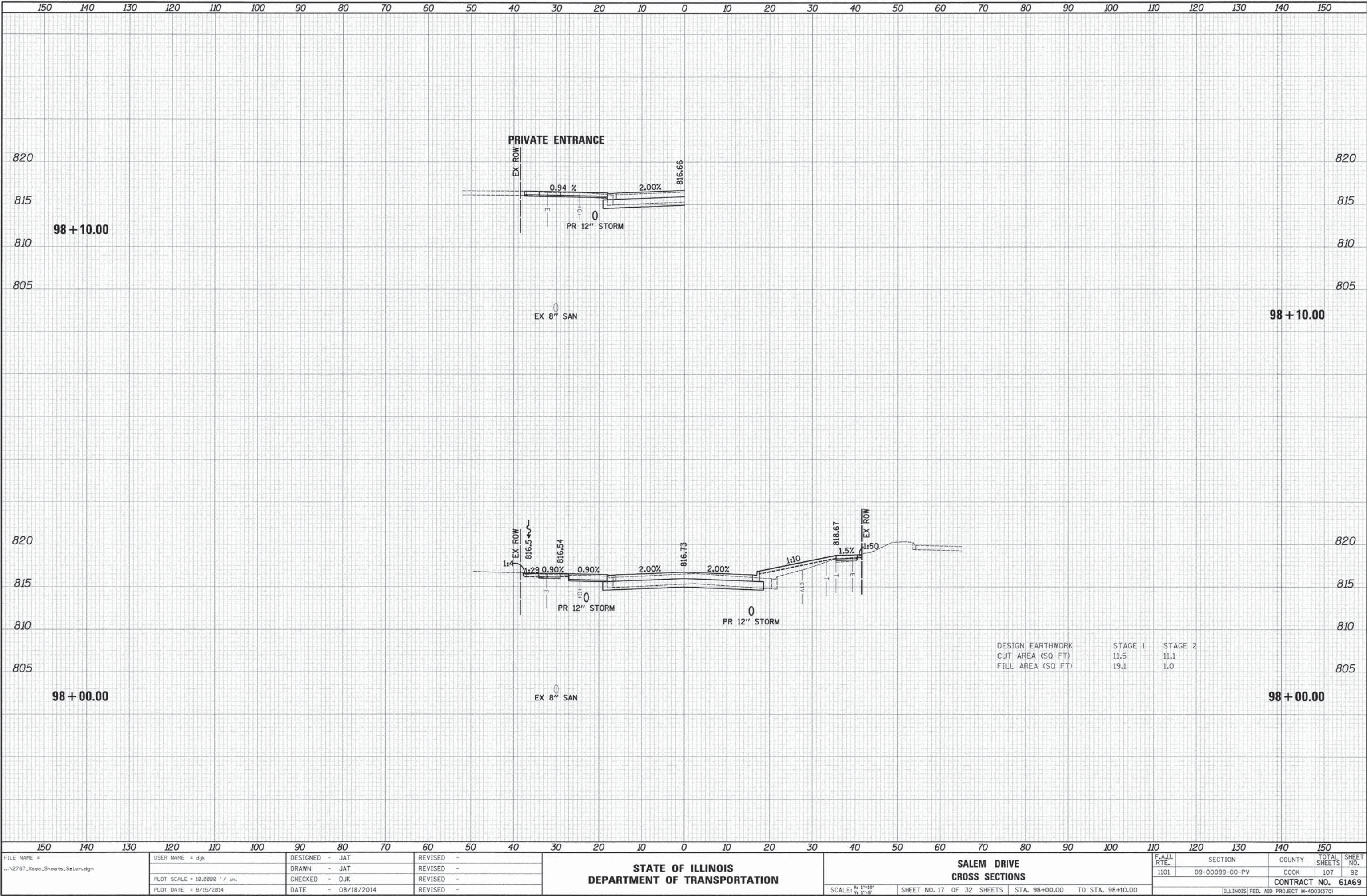
DESIGN EARTHWORK	STAGE 1	STAGE 2
CUT AREA (SQ FT)	8.1	10.0
FILL AREA (SQ FT)	22.0	0.0



DESIGN EARTHWORK	STAGE 1	STAGE 2
CUT AREA (SQ FT)	9.1	8.8
FILL AREA (SQ FT)	31.4	12.8

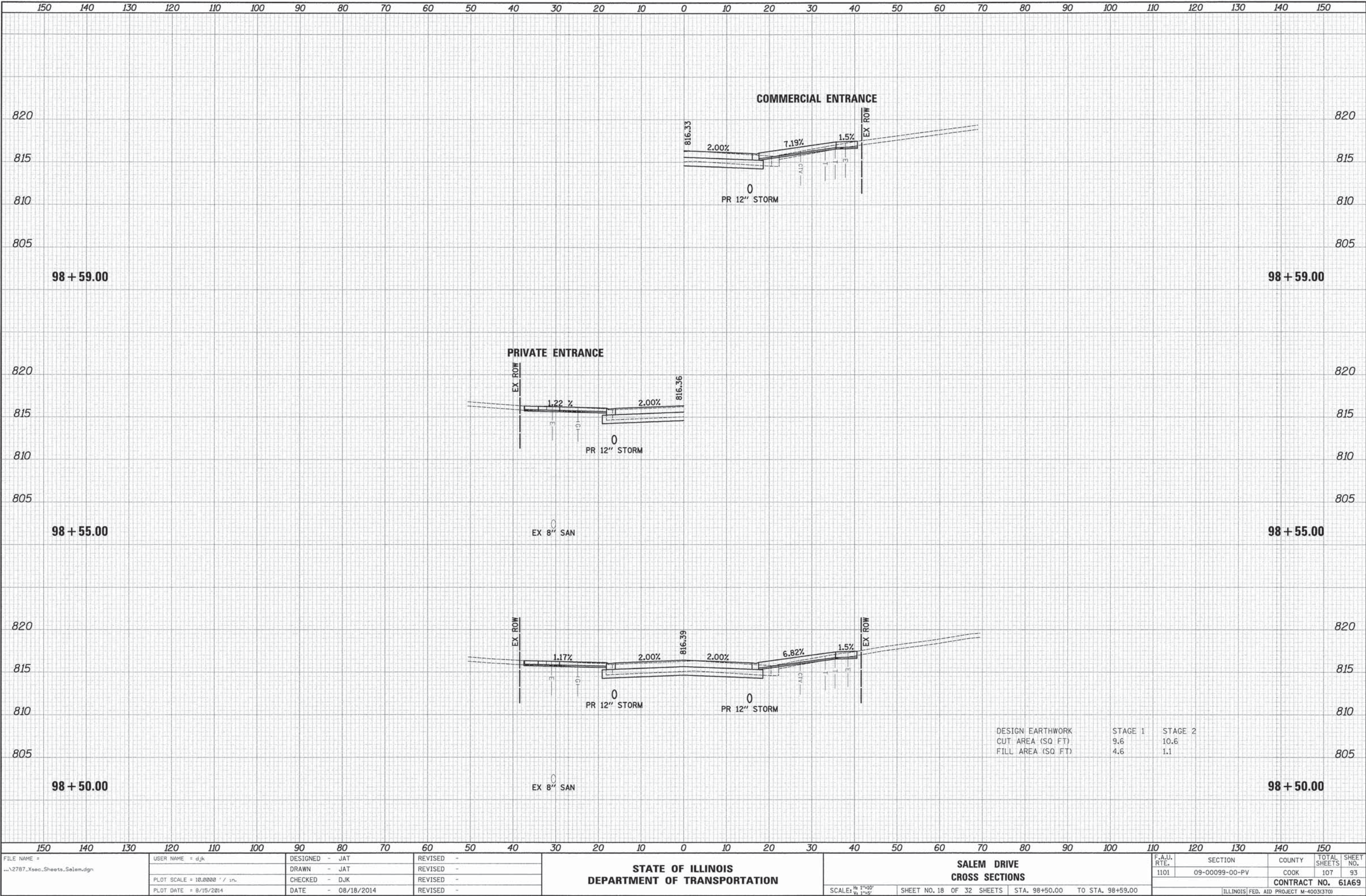
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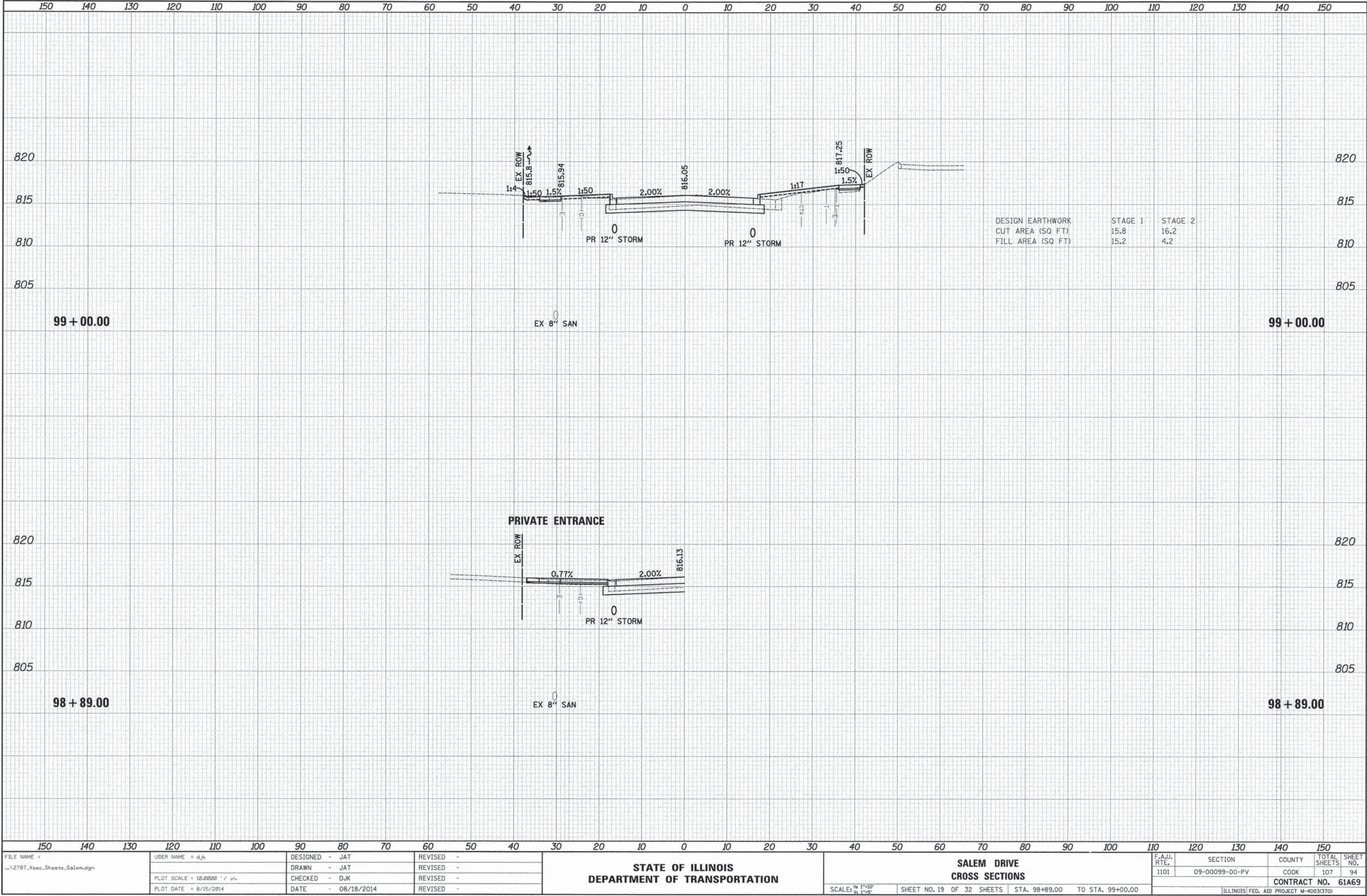
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DATE	BY	SURVEYED	PLOTTED	REVISIONS	AREAS CHECKED
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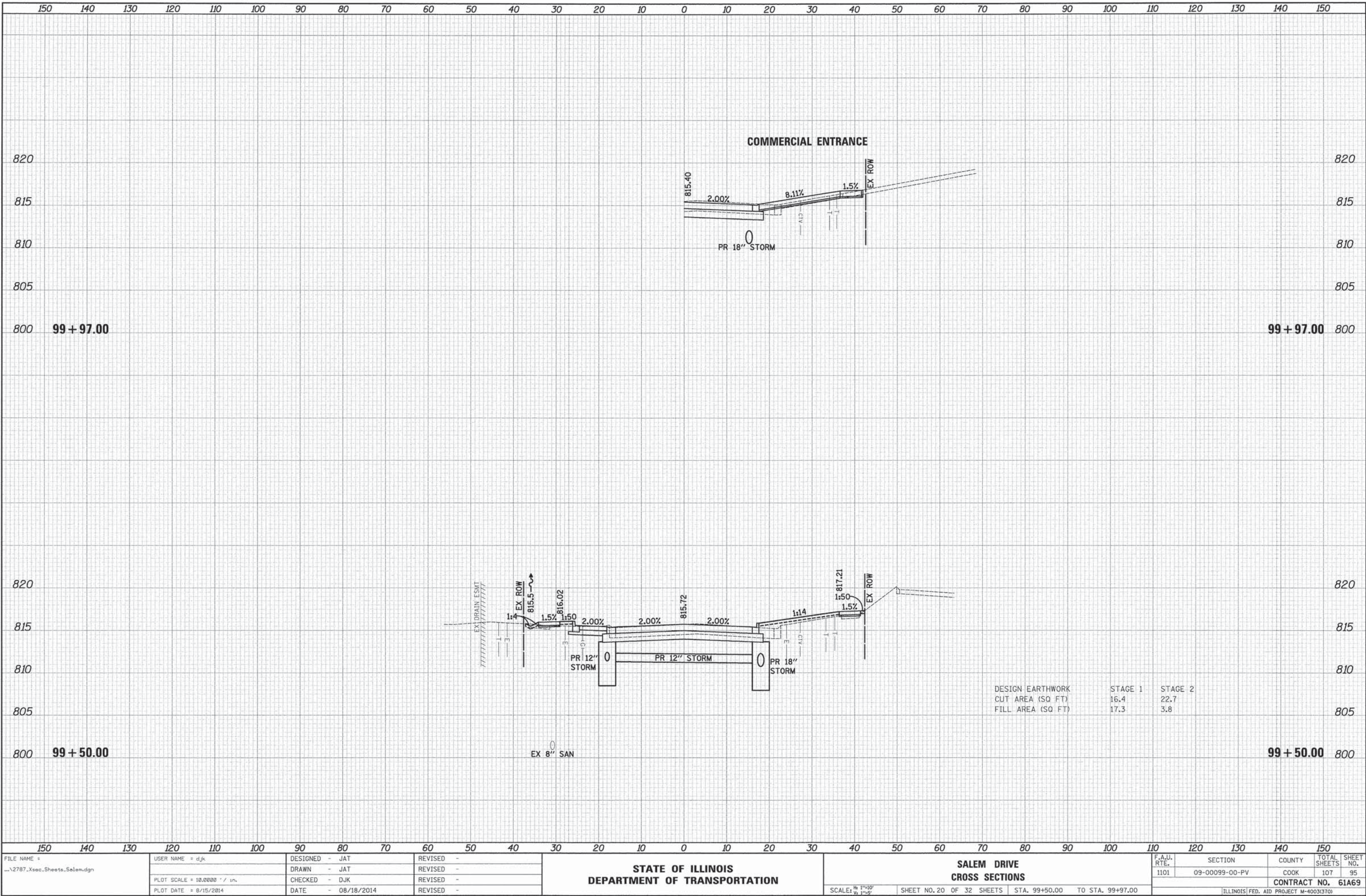
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NOTE BOOK NO.	REMARKS
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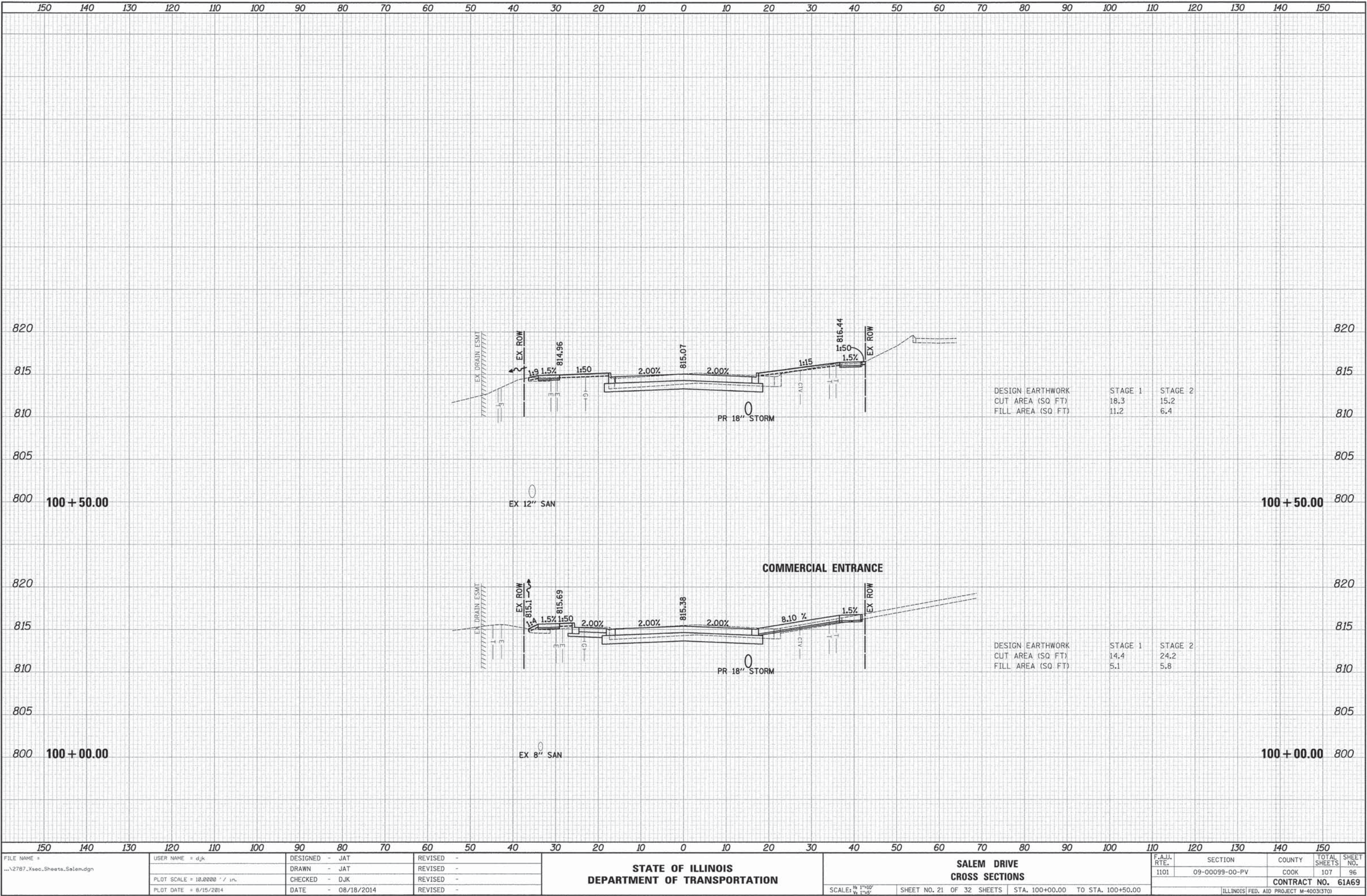
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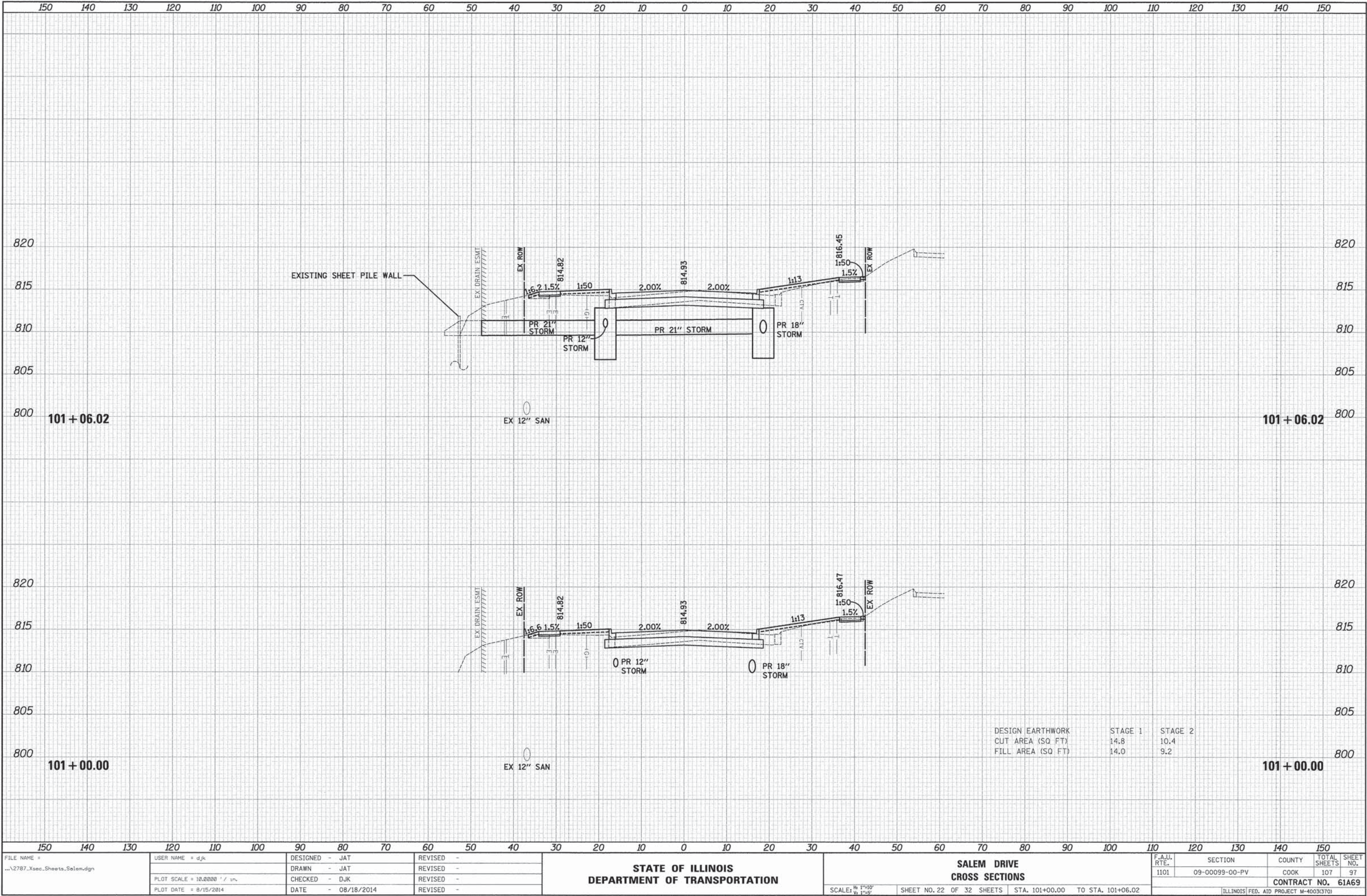
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NO.	AREAS CHECKED		



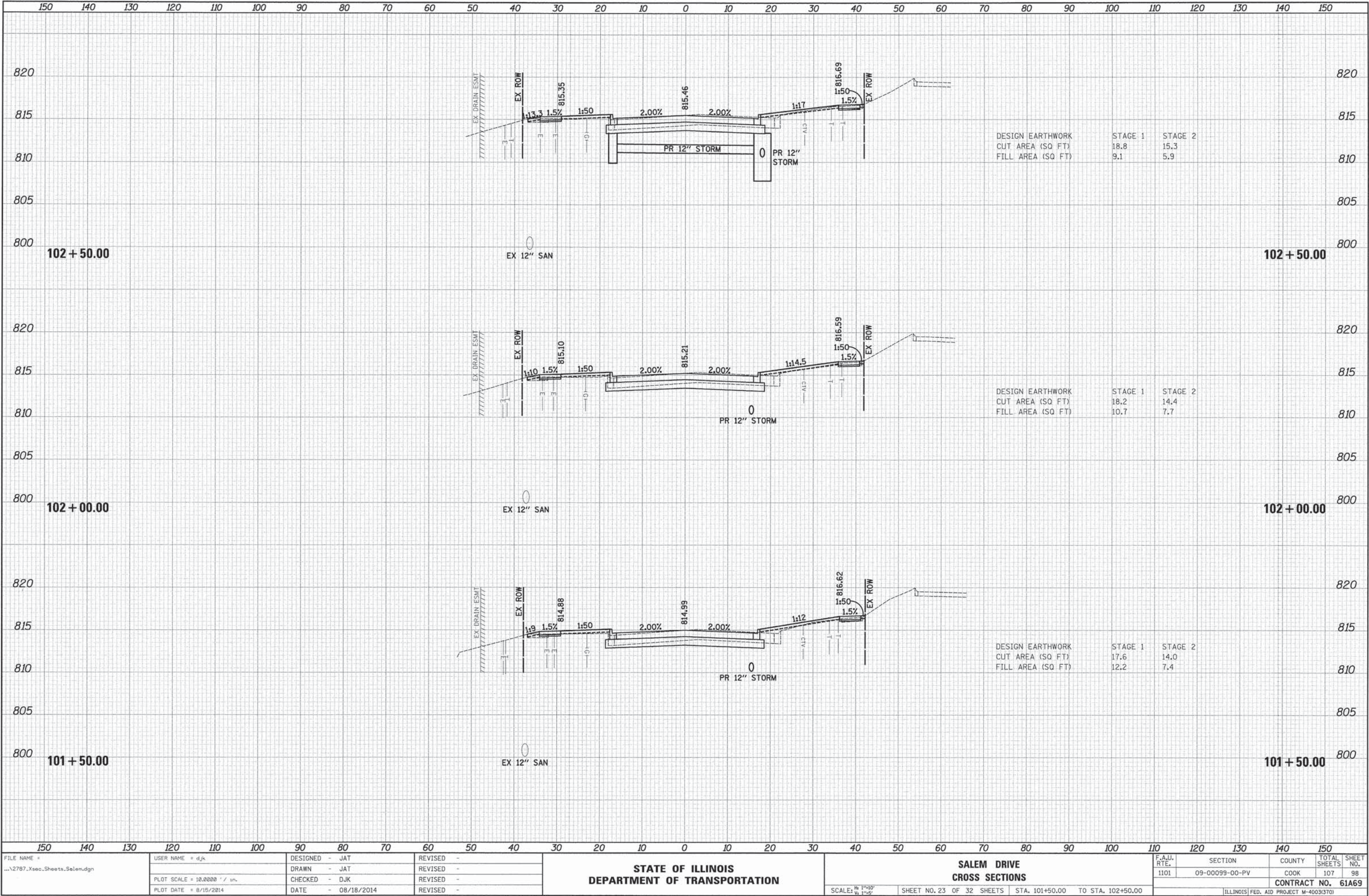
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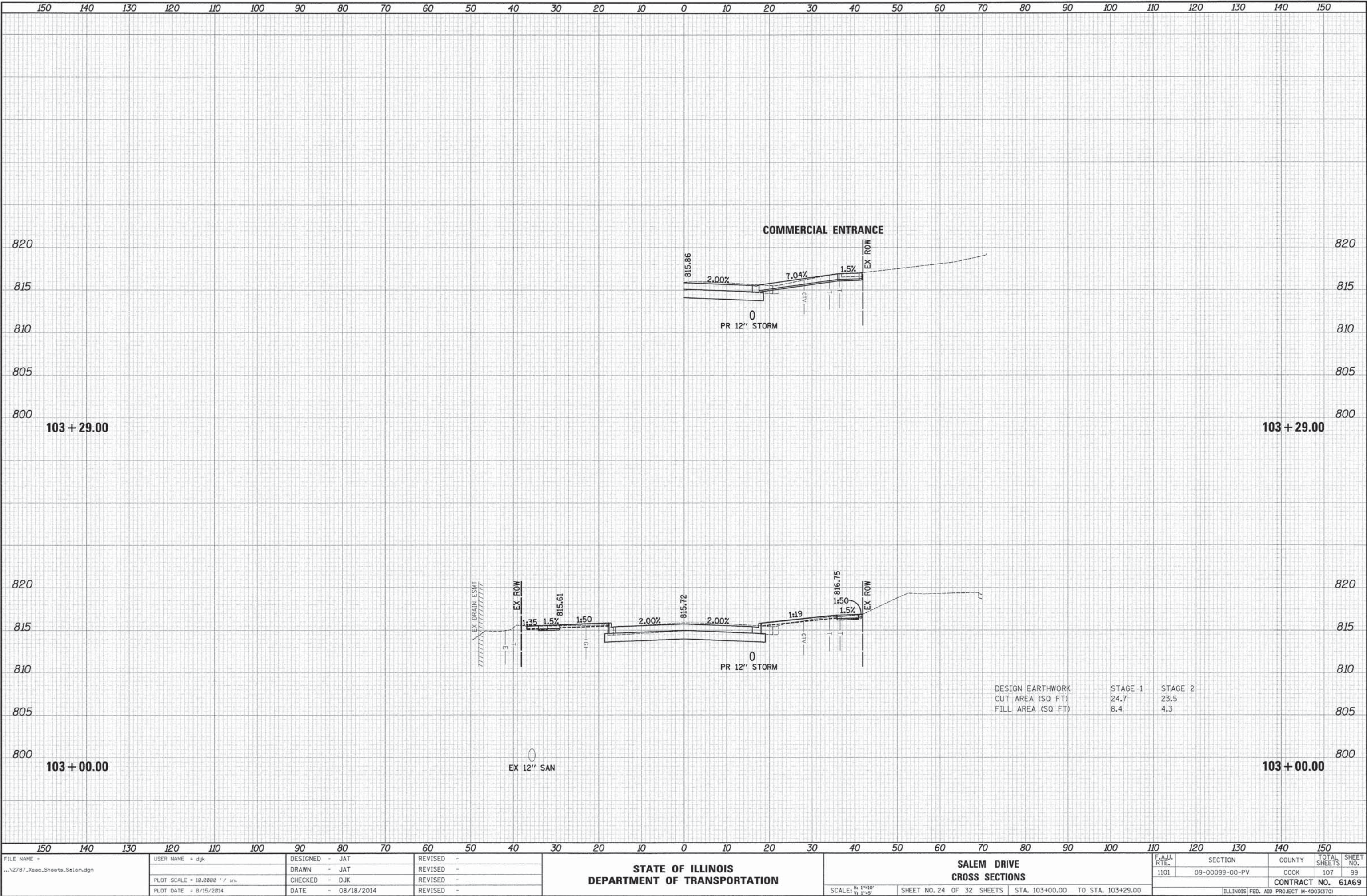
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NOTE BOOK	TEMPLATE	AREAS CHECKED



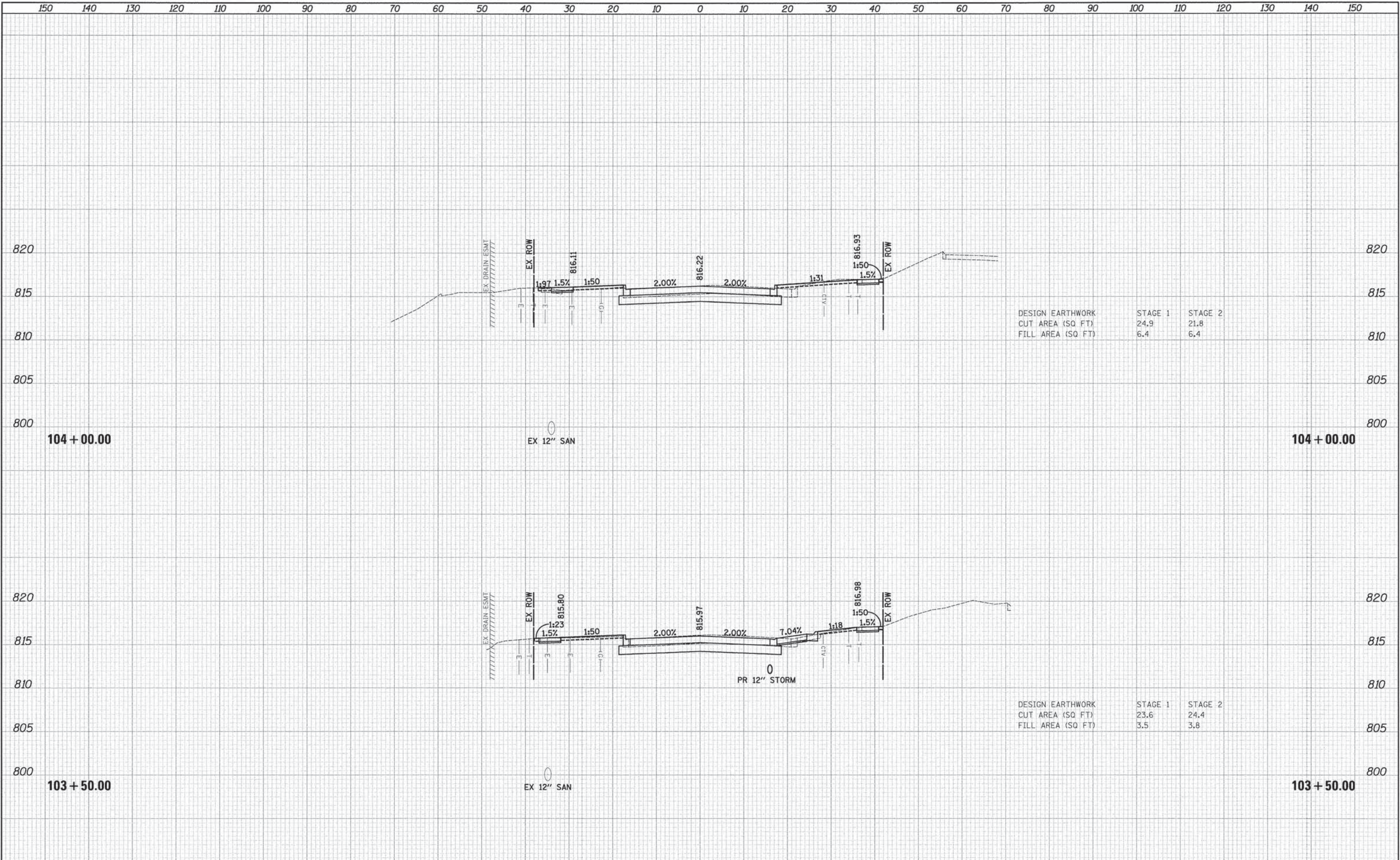
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NOTE BOOK	REDATE		
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SURVEY	PLOTTED		
NOTE BOOK	REDATE		
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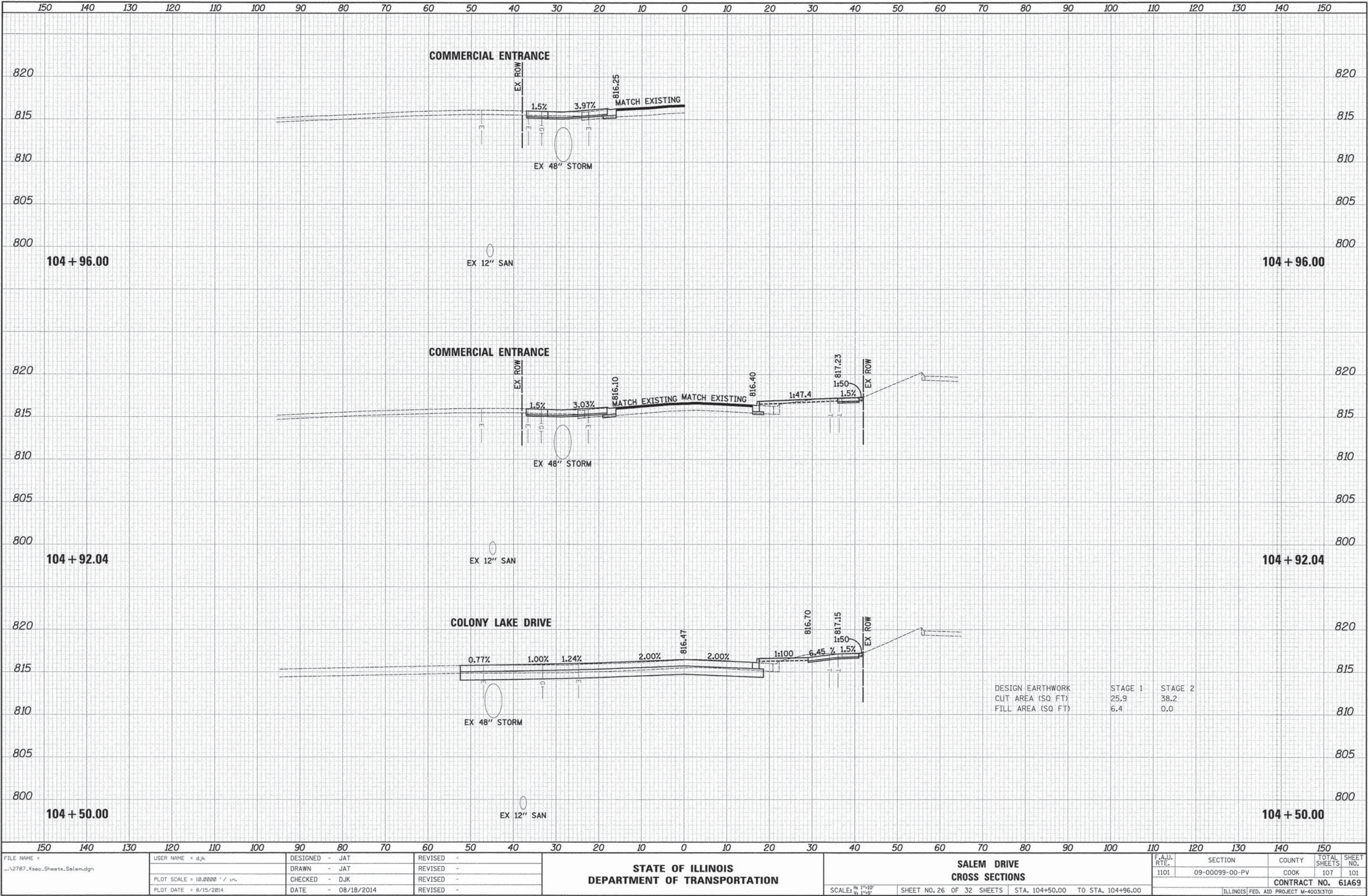
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			BY
			SURVEYED
			PLOTTED
NOTE BOOK	REPLATE	AREAS CHECKED	

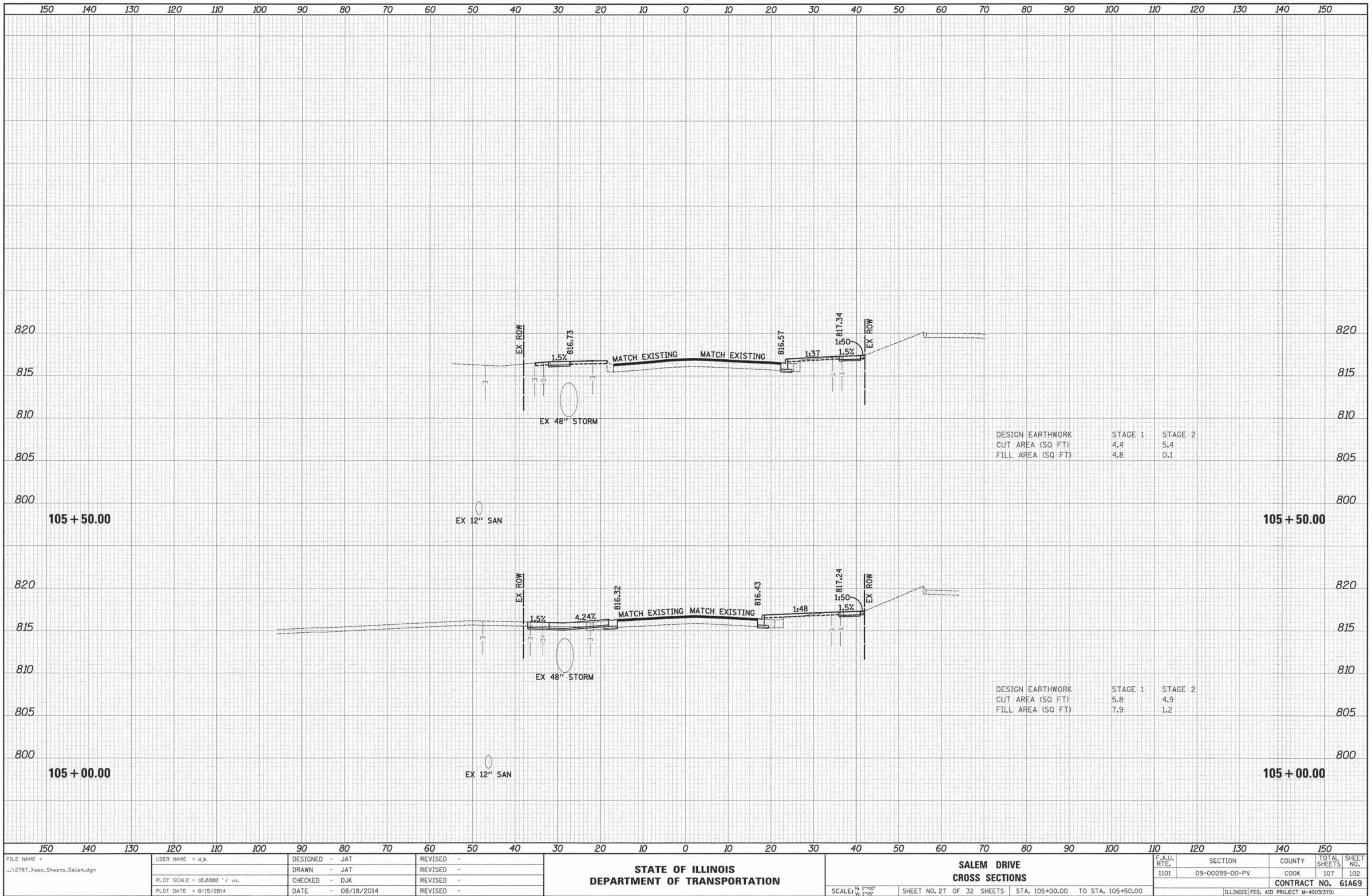
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			BY
			SURVEYED
			PLOTTED
NOTE BOOK	REPLATE	AREAS CHECKED	



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

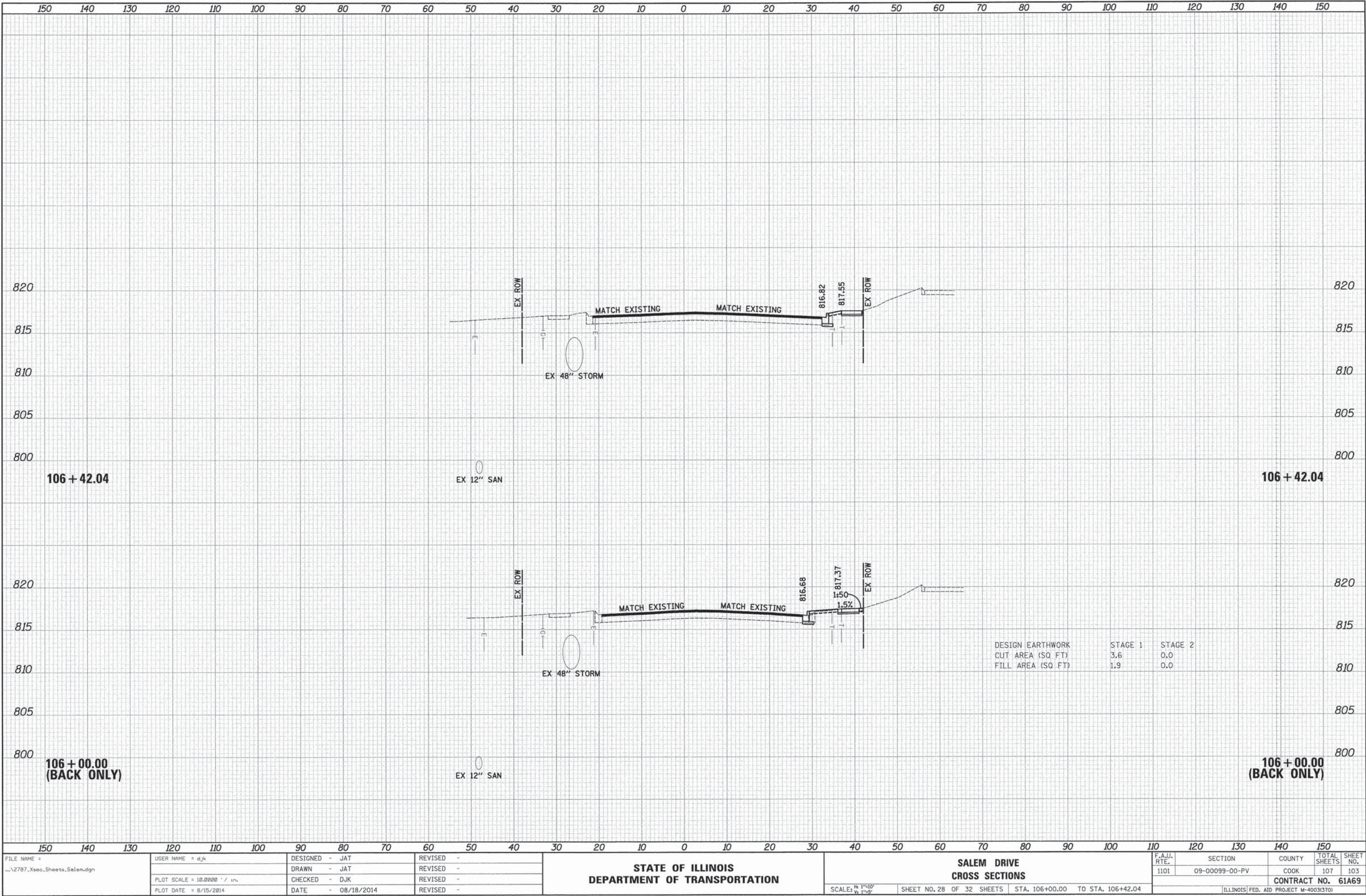
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	BY
	SURVEYED
	PLOTTED
NO.	TEMPLATE
NO.	AREAS CHECKED





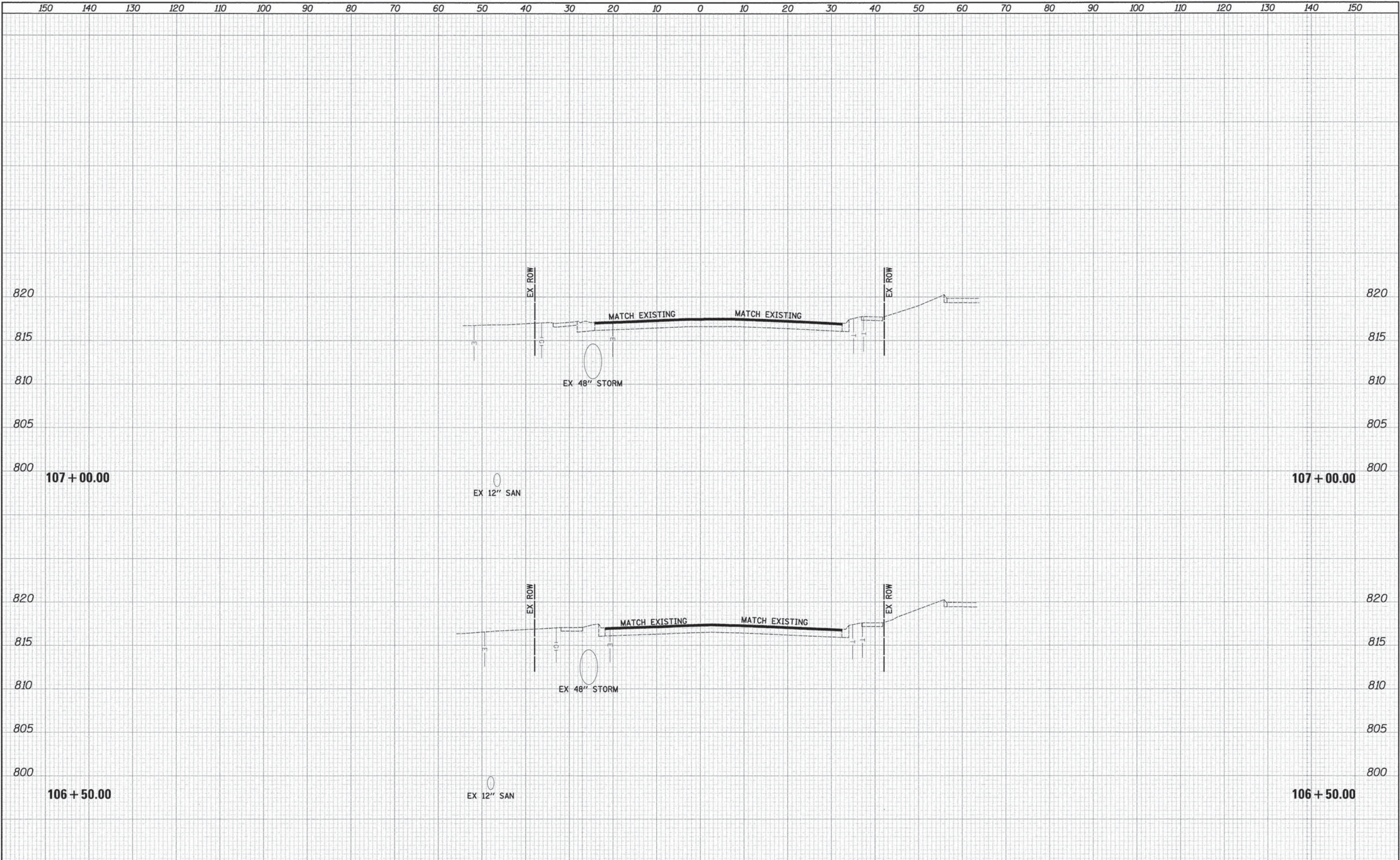
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		NO.			



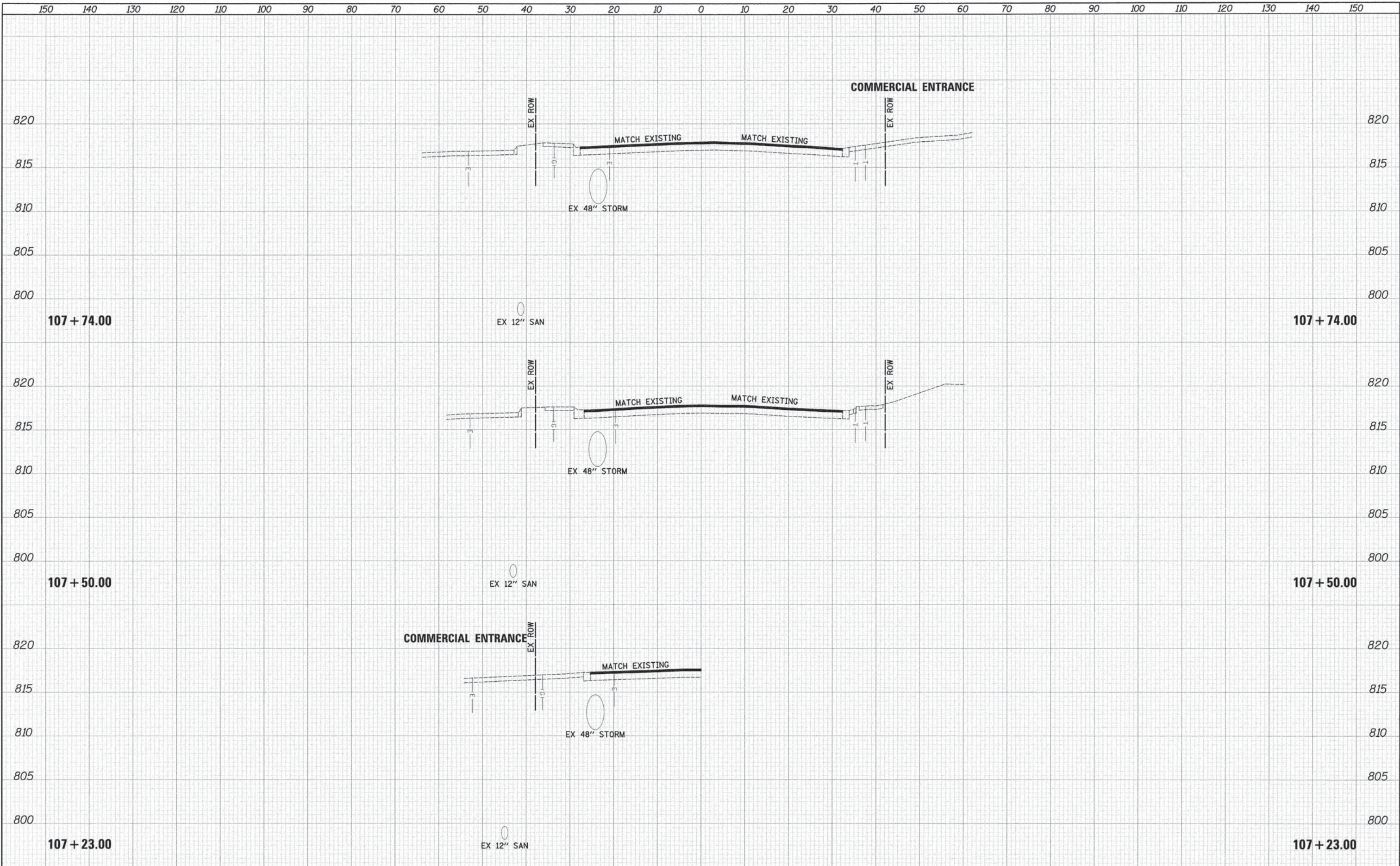
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		NO.			
FINAL					
SURVEY					
NOTE BOOK					
NO.					

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



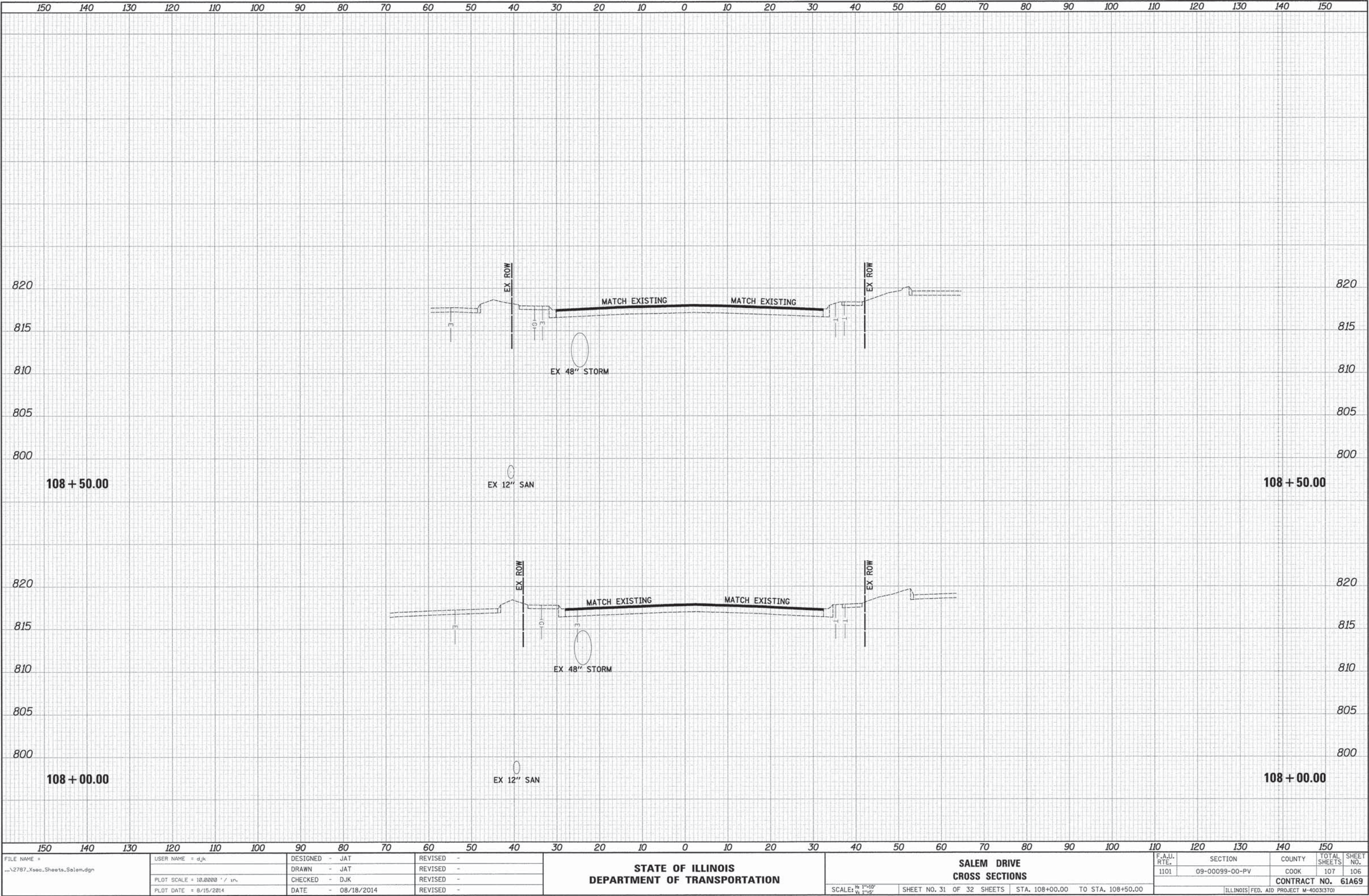
FINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK		
NO.		

ORIGINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK		
NO.		



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

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



FILE NAME =
...\\2787_Xsec.Sheets.Salem.dgn

USER NAME = djk
PLOT SCALE = 10.0000' / in.
PLOT DATE = 8/15/2014

DESIGNED - JAT
DRAWN - JAT
CHECKED - DJK
DATE - 08/18/2014

REVISED -
REVISED -
REVISED -
REVISED -

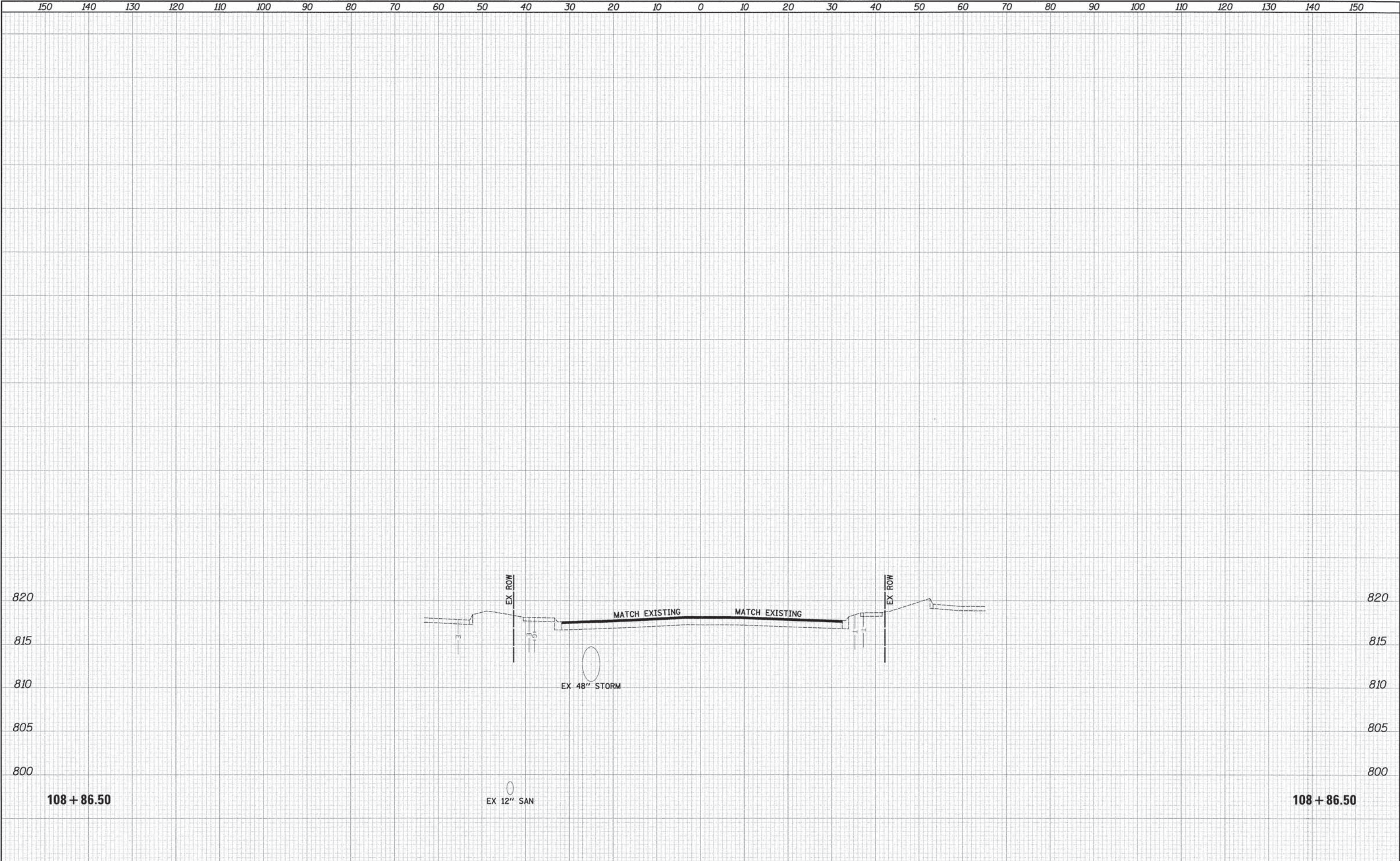
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SALEM DRIVE
CROSS SECTIONS
SCALE: H₁ 1"=10'
V₁ 1"=5'
SHEET NO. 31 OF 32 SHEETS
STA. 108+00.00 TO STA. 108+50.00

F.A.U. RTE. 1101	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 106
CONTRACT NO. 61A69				
ILLINOIS FED. AID PROJECT M-4003(370)				

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

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



150		140		130		120		110		100		90		80		70		60		50		40		30		20		10		0		10		20		30		40		50		60		70		80		90		100		110		120		130		140		150	
FILE NAME =		USER NAME = djk		DESIGNED - JAT		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION																		SALEM DRIVE CROSS SECTIONS								F.A.U.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.																			
...\\2787_Xseo_Sheets_Salem.dgn				DRAWN - JAT		REVISED -																												1101		09-00099-00-PV		COOK		107		107																			
		PLOT SCALE = 10.0000' / 1in.		CHECKED - DJK		REVISED -																				SCALE: H _v 1"=10' V _s 1"=5'								SHEET NO. 32 OF 32 SHEETS		STA. 108+86.50 TO STA. 108+86.50				CONTRACT NO. 61A69																					
		PLOT DATE = 8/15/2014		DATE - 08/18/2014		REVISED -																												ILLINOIS FED. AID PROJECT M-4003(370)																											