

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	COOK	104	1
		ILLINOIS		

INDEX OF SHEETS

- 1 TITLE SHEET
- 2-3 GENERAL NOTES AND LEGEND
- 4-9 SUMMARY OF QUANTITIES
- 10-16 TYPICAL SECTIONS
- RECONSTRUCTION/RESURFACING
 - 17 ACORN COURT
 - 18 ACORN DRIVE
 - 19 AVON DRIVE
 - 20 BERKLEY LANE W
 - 21-22 BRENTWOOD DRIVE
 - 23-28 CASTAWAY LANE
 - 29-30 CHESAPEAKE DRIVE
 - 31 COTTONWOOD TRAIL W
 - 32-33 GLEN LANE
 - 34 HAMPSHIRE DRIVE
 - 35-36 HARVARD LANE
 - 37-39 HILLCREST BOULEVARD
 - 40-41 KINGSDALE ROAD
 - 42-45 MAUREEN DRIVE
 - 46-48 NEW BRITTON DRIVE
 - 49-51 OAK KNOLL LANE
 - 52-54 PEMBROKE AVENUE
 - 55-56 PROVIDENCE DRIVE
 - 57 RALEIGH LANE
 - 58 RIVER BIRCH DRIVE
 - 59-61 RUSSELL DRIVE
 - 62 STEFFEN DRIVE
 - 63-65 VICTORIA DRIVE

SURFACE PATCHING

- 66-68 MAP / LOCATIONS / DETAIL

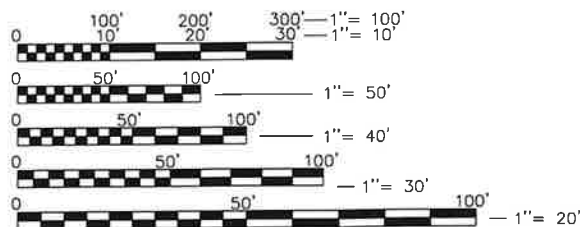
DETAILS

- 69-76 VOHE DETAIL SHEETS
- 77-83 IDOT DETAIL SHEETS
- 84-104 CROSS SECTIONS

TRAFFIC DATA

ALL STREETS SPEED LIMIT 20 MPH, ADT < 1000 UNLESS OTHERWISE NOTED.

CASTAWAY LANE ADT = 600 SPEED LIMIT = 25 MPH



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.

STATE OF ILLINOIS

VILLAGE OF HOFFMAN ESTATES

DEPARTMENT OF DEVELOPMENT SERVICES

ENGINEERING DIVISION

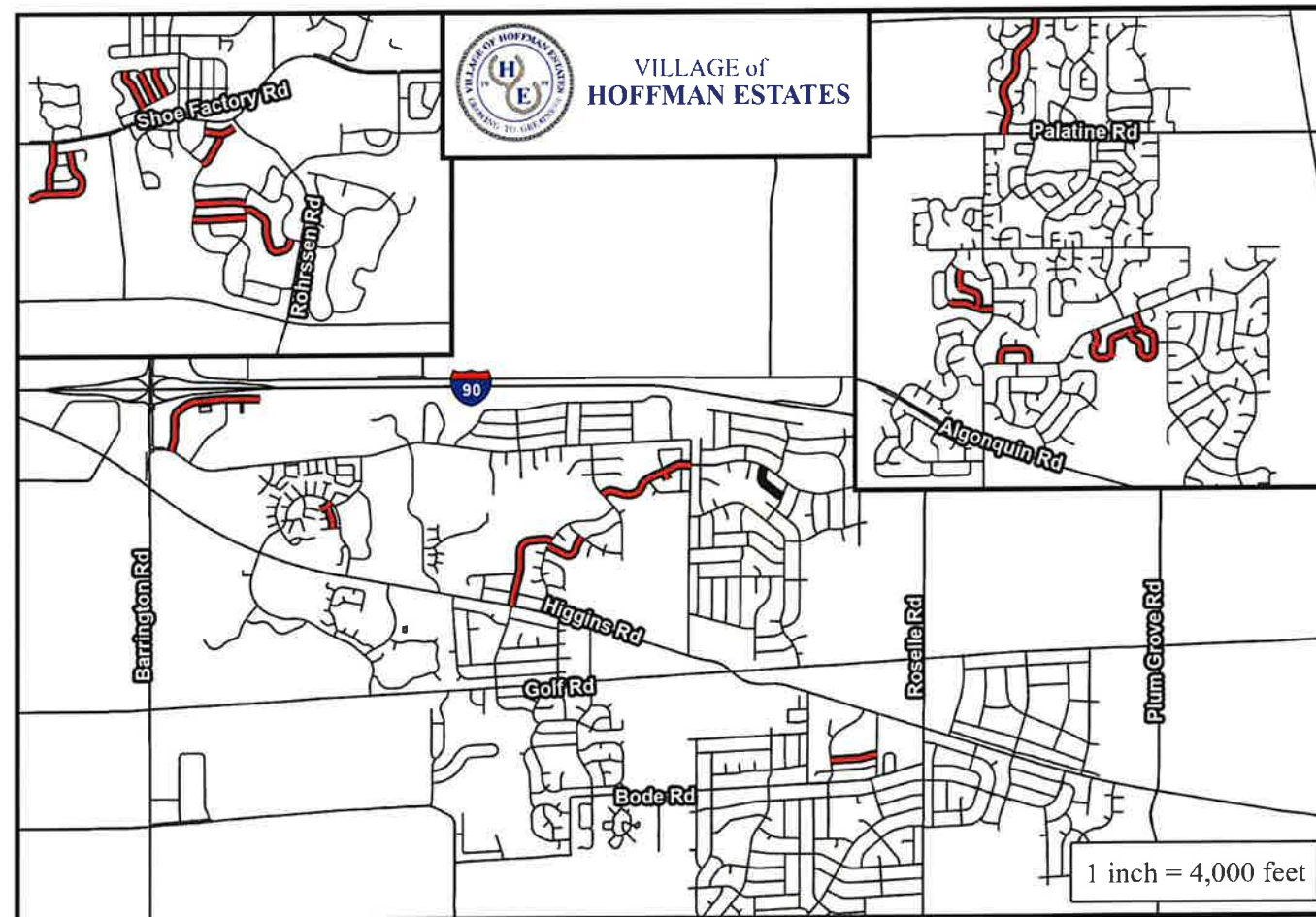
COOK COUNTY

2026 STREET

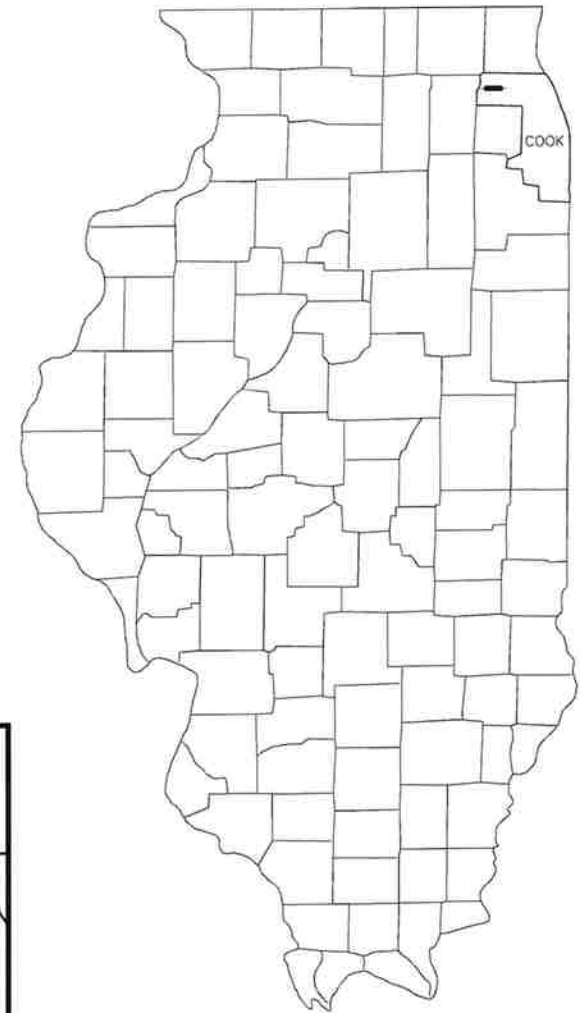
REVITALIZATION PROJECT

SECTION NO. 26-00119-00-RS

NET LENGTH OF IMPROVEMENT = 31,632 FEET (6.00 MILES)



LOCATION MAP

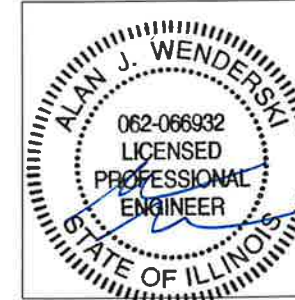


LOCATION OF SECTION INDICATED THUS: —

FOR UNDERGROUND UTILITY LOCATIONS CALL 48 HOURS BEFORE YOU DIG (EXCLUDING SATURDAY, SUNDAY AND HOLIDAYS)



J.U.L.I.E.
1-800-892-0123
OR 811



ALAN J. WENDERSKI
LIC. NO. 62 - 066932
LIC. EXP. 11-30-27

PLAN	DESIGNED	DATE
	DRAWN	BY
	CHECKED	DATE
	NO.	DATE

PROFILE	DESIGNED	DATE
	DRAWN	BY
	CHECKED	DATE
	NO.	DATE

GENERAL NOTES

GENERAL

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL NOT ASSUME ANY OF THE RESPONSIBILITIES OF THE CONTRACTOR'S SUPERINTENDENT OR OF SUBCONTRACTORS. ADDITIONALLY, THE ENGINEER SHALL NOT ADVISE ON, OR ISSUE DIRECTIONS CONCERNING ASPECTS OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OF PROCEDURES, OR SAFETY PRECAUTIONS AND/OR PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTOR SHALL EXAMINE ALL PLANS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND INFORM HIMSELF FULLY WITH THE WORK INVOLVED, GENERAL AND LOCAL CONDITIONS, ALL FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS AND ALL OTHER PERTINENT ITEMS WHICH MAY AFFECT THE COST AND TIME OF COMPLETION OF THIS PROJECT BEFORE SUBMITTING A PROPOSAL.
- THE CONTRACTOR SHALL KEEP THE AREA OF CONSTRUCTION FREE OF DEBRIS AND OBJECTIONABLE MATERIALS DURING CONSTRUCTION OR THE VILLAGE RESERVES THE RIGHT TO REMOVE AND BACK CHARGE THE CONTRACTOR.
- PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROSECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- THE VILLAGE WILL PROVIDE SOIL BORINGS, PAVEMENT CORES, AND ENVIRONMENTAL TESTING RESULTS TO THE CONTRACTOR AT TIME OF AWARD. ANY ADDITIONAL SOIL TESTING REQUESTED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE ENGINEER AND/OR ITS REPRESENTATIVE WILL BE PROVIDING CONSTRUCTION LAYOUT AND STAKING OF THE PROPOSED IMPROVEMENTS. IF CONTRACTOR'S OPERATIONS DAMAGE THE LAYOUT, THE VILLAGE MAY CHARGE A FEE, TO THE CONTRACTOR, TO COVER THE ADDITIONAL COSTS INCURRED BY THE VILLAGE FOR LAYOUT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK OR CHANGING TRAFFIC STAGING.
- CONTRACTOR MAY OBTAIN A VILLAGE WATER METER FOR FREE WATER USAGE ON THIS JOB. THE WATER METER CAN BE OBTAINED BY VILLAGE PUBLIC WORKS DEPARTMENT FOR A \$2000 FEE DEPOSIT.
- ALL SPOT GRADES ON PLANS ARE FINISHED PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED

UNDERGROUND

- FOR UNDERGROUND UTILITY LOCATIONS, CALL 48 HOURS BEFORE DIGGING, (EXCLUDING SATURDAY, SUNDAY & HOLIDAYS) J.U.L.I.E. 1-800-692-0123 OR 811.
- THE LOCATIONS OF PUBLIC AND PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER AT ONCE. THE CONTRACTOR SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY UTILITIES WHICH MAY BE AFFECTED BY THE WORK, INCLUDING MAKING ARRANGEMENTS FOR THE PROPER BRACING, AND OTHER REQUIRED PROTECTION, AS REQUIRED. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY THE ELEVATION AND LOCATION OF EXISTING SEWERS PRIOR TO THE START OF CONSTRUCTION OF NEW SEWERS.

EROSION CONTROL

- SOIL DISTURBANCE SHALL BE 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.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE CONTRACTOR HAS COMPLETED THE CONTRACT.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

EARTHWORK

- PROOF ROLLS SHALL BE CONDUCTED ON ALL SUBGRADE AT INTERVALS NOT LESS THAN 100 FEET OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE ADVISED THAT THE VILLAGE HAS AC WATER MAINS LOCATED ON THE STREETS TO BE RECONSTRUCTED AND SHOULD TAKE EVERY PRECAUTION NOT TO DISTURB THE EXISTING CONDITION OF THESE UTILITIES.
- SUBGRADE SHALL BE PREPARED AS PER ARTICLE 301 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSUITABLE MATERIAL.
- AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT STABILITY MANUAL). NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR FOR ANY ADDITIONS TO OR DEDUCTIONS FROM THE CONTRACT AMOUNT. IF NO ADDITIONAL UNSUITABLE SOILS ARE ENCOUNTERED, THEN THE EXCESS QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR1

PAVING

- ALL SIDEWALKS WITHIN THE PROJECT LIMITS THAT ARE ADJACENT TO THE CURB SHALL BE REMOVED AND CONSTRUCTED ACCORDING TO PLAN DETAILS AND STANDARDS. CATALOG CUTS OF DETECTABLE WARNINGS MUST BE APPROVED BY THE VILLAGE BEFORE INSTALLATION.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO NOT CAUSE EXCESS DAMAGE TO THE PARKWAY DURING SIDEWALK REMOVAL AND REPLACEMENT. DAMAGE BEYOND 2 FT BEHIND THE CURB & GUTTER AND 2 FT ON EITHER SIDE OF THE SIDEWALK SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL PROTECT ALL SIDEWALKS AND CURB & GUTTER FROM DAMAGE AND VANDALISM.
- ALL CURB SHALL BE DEPRESSED AT DRIVEWAYS.
- ALL FULL REPLACEMENT DRIVEWAY APRONS ARE CONCRETE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- AREAS OF REVERSE PITCH CURB AND GUTTER TO BE INSTALLED WILL BE MARKED IN THE FIELD BY THE ENGINEER DURING CONSTRUCTION.
- ALL RADII DIMENSIONS ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- 'FRESH OIL' SIGNS SHALL BE INSTALLED AT ALL ENTRANCES 16 TO 24 HOURS PRIOR TO THE PLACEMENT OF TACK COAT.

STATE STANDARDS

(INCLUDED FOR REFERENCE ONLY)

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID BLOCK CURB RAMPS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602601-06	PRECAST REINFORCED FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

DISTRICT ONE DETAILS

BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32 BUTT JOINT AND HMA TAPER DETAILS
TC-10 TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS
TC-13 TYPICAL PAVEMENT MARKINGS
TS-05 STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

LEGEND

EXISTING	PROPOSED	
		SANITARY MANHOLE
		STORM MANHOLE
		CATCH BASIN
		STORM INLET
		VALVE & VAULT
		FIRE HYDRANT
		STREET LIGHT
		STREET SIGN
		STORM SEWER
		SANITARY SEWER
		WATER MAIN
		MAIL BOX
		POWER POLE
		DETECTABLE WARNINGS
		STREET LIGHT CABLE
		STREET LIGHT CABLE CONDUIT
		NICOR GAS VALVE
		AT&T HANDHOLE
		AT&T BURIED UTILITY
		COMCAST BURIED UTILITY
		COMED BURIED UTILITY
		NICOR BURIED UTILITY
		VILLAGE FIBER OPTIC CABLE
		WEST SHORE PIPELINE
		OVERHEAD UTILITY
		STORM SEWER TO BE REMOVED

RCN	STRUCTURES TO BE RECONSTRUCTED
ADJ	STRUCTURES TO BE ADJUSTED
G	NEW GRATE
F&G	NEW FRAME AND GRATE
F&L	NEW FRAME AND LID
C	EXISTING CONCRETE APRON
C/A	EXISTING CONCRETE & ASPHALT APRON
A	EXISTING ASPHALT APRON

	TREE
	PROPOSED SIDEWALK
	REMOVAL OF SIDEWALK
	PAVEMENT PATCHING
	DITCH GRADING

PLAN	DATE	BY
	DATE	BY
	DATE	BY
NOTE BOOK	DATE	BY
NO.	DATE	BY

PROFILE	DATE	BY
	DATE	BY
	DATE	BY
NOTE BOOK	DATE	BY
NO.	DATE	BY

COOK COUNTY NOTES

1. THE CONTRACTOR SHALL INFORM THE CCDOTH DESIGN ENGINEER AT (312) 603-1734 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
2. A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE CONTRACTOR CUTTING LOOPS, THE CONTRACTOR SHALL HAVE THE PROPOSED LOOP LOCATIONS MARKED AND CONTACT THE CCHD DESIGN ENGINEER AT (312) 603-1734 TO INSPECT AND APPROVE THE LAYOUT.
3. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE 1-800-892-0123.
4. ALL ELECTRICAL CABLE SHOULD HAVE POLYVINYL CHLORIDE JACKET
5. THE TRAFFIC SIGNAL WORK SHALL BE INSTALLED BY AN ELECTRICAL CONTRACTOR APPROVED BY THE COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS.
6. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL AND/OR STREETLIGHTING CONDUITS, FIBER CABLES, AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES, AND/OR EQUIPMENT AT NO COST TO THE COUNTY.
7. THE COUNTY IS NOT PART OF JULIE FOR LOCATION OF TRAFFIC SIGNAL EQUIPMENT, CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT (312) 603-1734.
8. FOR THE LOCATION OF UNDERGROUND COOK COUNTY MAINTAINED FACILITIES, SEE COUNTY SPECIAL PROVISION "TRAFFIC SIGNAL WORK GENERAL".
9. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING CCDOTH FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING CCDOTH ELECTRICAL FACILITIES FROM THE COUNTY ELECTRICAL MAINTENANCE CONTRACTOR(S) PRIOR TO THE START OF ANY WORK IF THE TRAFFIC SIGNAL IS STILL MAINTAINED BY THE COUNTY. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
10. RESTORATION SHALL BE DONE WITH 4" TOPSOIL, FERTILIZER, AND SOD FOR ALL DISTURBED AREAS

PLAN

DATE

BY

NOTED

CHECKED

NO.

DATE

BY

NOTED

CHECKED

NO.

DATE

BY

NOTED

CHECKED

NO.

PROFILE

DATE

BY

NOTED

CHECKED

NO.

DATE

BY

NOTED

CHECKED

NO.

DATE

BY

NOTED

CHECKED

NO.

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ACORN COURT	ACORN DRIVE	AVON DRIVE	BERKLEY LANE W	BRENTWOOD DRIVE	CASTAWAY LANE	CHESAPEAKE DRIVE	COTTONWOOD TRAIL W	GLEN LANE	HAMPSHIRE ROAD	HARVARD LANE	HILLCREST BOULEVARD
HE201000	TREE ROOT PRUNING	EACH	120			4	8		19	6	1		2	16	
20200100	EARTH EXCAVATION	CU YD	1,006											1,006	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	400											400	
20800150	TRENCH BACKFILL	CU YD	171				1		1	3	1			158	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,523											2,523	
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	18,756	89	72	200	567	167	3,856	686	413	594	322	2,718	1,350
HE250000	EROSION CONTROL BLANKET WITH SEED, SPECIAL	SQ YD	11,404	89	72	200	567	167		686	413	594	322		1,350
HE252000	SODDING, SPECIAL	SQ YD	7,352						3,856					2,718	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7,352						3,856					2,718	
28000400	PERIMETER EROSION BARRIER	FOOT	110												
28000510	INLET FILTERS	EACH	296	7	4	6	10	16	32	11	7	4	7	8	29
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	7,352						3,856					2,718	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	400											400	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,523											2,523	
HE311004	SUBBASE GRANULAR MATERIAL, 4 ", SPECIAL	FOOT	8,220						5,465	215					
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	145			5			50				5	20	
HE406000	BITUMINOUS MATERIALS - TRACKLESS TACK COAT	POUND	61,869	1,573	1,377	1,084	2,270	3,154	7,483	1,896	1,392	1,790	1,589	505	6,351
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	5								5				
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	2,984	67	59	46	97	135	480	81	59	76	68		407
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	134												
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	7,866	202	177	139	291	404	959	243	178	229	204		814
HE406440	HOT-MIX ASPHALT SURFACE REMOVAL AND REPLACEMENT, 2", SPECIAL	SQ YD	3,695												
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	2,243											2,243	
HE407300	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	631	32	44	29	60	50		33	13		44	18	4
HE407500	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"	SQ YD	83												
HE423060	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	7,350			35	325		2,175	425	300	170	70	450	560
HE423080	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	150												
HE424000	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	95,300			850	4,100		16,150	5,000	2,100	3,500	1,700	7,100	9,250

FILE NAME -
2026 Summary of Quantities.dwg

DESIGNED -
DRAWN -
CHECKED -
DATE - 01/08/2026

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Summary of Quantities

SCALE: NTS SHEET NO. 1 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	4
CONTRACT, NO.				
ILLINOIS				

PLAN

SURVEYED
BY
DATE
NOTE BOOK
NO.
ALIGNED
BY
DATE
CHECKED
BY
DATE
ST. OF WAY CHECKED
BY
DATE
PROFILE NAME

PROFILE

SURVEYED
BY
DATE
NOTE BOOK
NO.
DESIGNED
BY
DATE
CHECKED
BY
DATE
STRUCTURE NOTATIONS CHKD

BY
DATE

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	KINGSDALE ROAD	MAUREEN DRIVE	NEW BRITTON DRIVE	OAK KNOLL LANE	PEMBROKE AVENUE	PROVIDENCE DRIVE	RALEIGH LANE	RIVER BIRCH DRIVE	RUSSELL DRIVE	STEFFEN DRIVE	VICTORIA DRIVE	MISC.
HE201000	TREE ROOT PRUNING	EACH	120	2	1	10	5	11				8	3	24	
20200100	EARTH EXCAVATION	CU YD	1,006												
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	400												
20800150	TRENCH BACKFILL	CU YD	171	5		1									
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,523												
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	18,756	1,361	689	1,263	778	656	111	237	194	972	122	1,339	
HE250000	EROSION CONTROL BLANKET WITH SEED, SPECIAL	SQ YD	11,404	1,361	689	1,263		656	111	237	194	972	122	1,339	
HE252000	SODDING, SPECIAL	SQ YD	7,352				778								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7,352				778								
28000400	PERIMETER EROSION BARRIER	FOOT	110	110											
28000510	INLET FILTERS	EACH	296	13	20	19	2	21	12	3	10	32	5	18	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	7,352				778								
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	400												
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,523												
HE311004	SUBBASE GRANULAR MATERIAL, 4 ", SPECIAL	FOOT	8,220			360	180	2,000							
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	145		10	10	15	5	5			10	5	5	
HE406000	BITUMINOUS MATERIALS - TRACKLESS TACK COAT	POUND	61,869	3,736	2,630	5,249	2,590	1,789	2,070	1,217	1,886	4,555	1,219	4,467	
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	5												
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	2,984	160	112	224	146	115	88	45	81	195	52	191	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	134				100			35					
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	7,866	479	337	673	332	229	265	156	242	584	156	573	
HE406440	HOT-MIX ASPHALT SURFACE REMOVAL AND REPLACEMENT, 2", SPECIAL	SQ YD	3,695												3,695
40701801	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"	SQ YD	2,243												
HE407300	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	631		6	38	36		37	26	67	22	44	28	
HE407500	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"	SQ YD	83		23			33				27			
HE423060	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	7,350	440	40	560	705					425	95	575	
HE423080	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	150		75			75							
HE424000	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	95,300	7,950	4,400	7,950	4,750	4,500		700		6,150		9,150	

PLAN

SURVEYED
NOTES
PAVEMENT CHECKED
ST. OF WAY CHECKED
NO. _____
POURLE NAME _____

PROFILE

SURVEYED
NOTES
PAVEMENT CHECKED
ST. OF WAY CHECKED
NO. _____
STRUCTURE NOTATIONS CHKD

DATE _____
BY _____

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ACORN COURT	ACORN DRIVE	AVON DRIVE	BERKLEY LANE W	BRENTWOOD DRIVE	CASTAWAY LANE	CHESAPEAKE DRIVE	COTTONWOOD TRAIL W	GLEN LANE	HAMPSHIRE ROAD	HARVARD LANE	HILLCREST BOULEVARD
HE424008	DETECTABLE WARNINGS, SPECIAL	SQ FT	948				16		116	32	16	16		10	90
44000100	PAVEMENT REMOVAL	SQ YD	2,243											2,243	
HE440010	PAVEMENT REMOVAL, SPECIAL	SQ YD	932												
HE440015	VARIABLE DEPTH GRINDING (0 INCH TO 3 INCH)	SQ YD	89,978	2,330	2,040	1,605	3,363	4,672	11,086	2,808	2,062	2,651	2,355		9,409
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	8,214	32	44	64	385	50	2,175	458	313	170	114	468	564
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	9,750						5,465	215				1,710	
44000600	SIDEWALK REMOVAL	SQ FT	96,500			850	4,100		15,750	5,000	2,200	3,500	1,700	7,100	9,250
HE442040	CLASS D PATCH, SPECIAL, 4 INCH	SQ YD	10									10			
HE442060	CLASS D PATCH, SPECIAL, 6 INCH	SQ YD	155	10	10	10	15	10					10		
HE442070	CLASS D PATCH, SPECIAL, 7 INCH	SQ YD	110							10	50				30
HE442080	CLASS D PATCH, SPECIAL, 8 INCH	SQ YD	25												
HE442090	CLASS D PATCH, SPECIAL, 9 INCH	SQ YD	120						100						
HE442010	CLASS D PATCH SPECIAL, 10 INCH	SQ YD	13											13	
HE542485	CONCRETE COLLAR, SPECIAL	EACH	3				1								2
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	FOOT	499						8	23	23			387	13
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 15"	FOOT	8											8	
HE550P06	STORM SEWERS, SOLID PVC PIPE, 6 INCH	FOOT	6												
HE550P10	STORM SEWERS, SOLID PVC PIPE, 10 INCH	FOOT	4				4								
55100400	STORM SEWER REMOVAL, 10"	FOOT	179				4				23			113	
55100500	STORM SEWER REMOVAL, 12"	FOOT	50						8	23					13
55100700	STORM SEWER REMOVAL, 15"	FOOT	8											8	
HE565000	SANITARY MANHOLES, ADJUST, SPECIAL	EACH	46						10	3	1			3	6
HE601004	PIPE UNDERDRAINS, FABRIC LINED TRENCH, 4", SPL	FOOT	30											30	
HE602104	CATCH BASINS, 4 FOOT DIAMETER	EACH	2											1	
HE602200	INLETS, 2 FOOT DIAMETER	EACH	13				1		1	1	1			3	1
HE602400	MANHOLES, 4 FOOT DIAMETER	EACH	2						1						1
HE603000	MANHOLES TO BE ADJUSTED	EACH	146	7	2	6	3	12	16	1	1	2	6		11
HE603100	MANHOLES TO BE ADJUSTED, SPECIAL	EACH	9						3	1	1				

PLAN

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

PROFILE

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

REVIEWED

DATE

BY

NO.

NOTE BOOK

NO.

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	KINGSDALE ROAD	MAUREN DRIVE	NEW BRITTON DRIVE	OAK KNOLL LANE	PEMBROKE AVENUE	PROVIDENCE DRIVE	RALEIGH LANE	RIVER BIRCH DRIVE	RUSSELL DRIVE	STEFFEN DRIVE	VICTORIA DRIVE	MISC.
HE424008	DETECTABLE WARNINGS, SPECIAL	SQ FT	948	84	128	88	32	20		44		176		80	
44000100	PAVEMENT REMOVAL	SQ YD	2,243												
HE440010	PAVEMENT REMOVAL, SPECIAL	SQ YD	932				691			241					
HE440015	VARIABLE DEPTH GRINDING (0 INCH TO 3 INCH)	SQ YD	89,978	5,535	3,896	7,777	3,146	2,651	3,067	1,561	2,795	6,748	1,805	6,617	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	8,214	440	144	598	741	108	37	26	67	474	139	603	
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	9,750			360	2,000								
44000600	SIDEWALK REMOVAL	SQ FT	96,500	8,000	4,500	8,000	4,800	4,500		750		6,250	1,000	9,250	
HE442040	CLASS D PATCH, SPECIAL, 4 INCH	SQ YD	10												
HE442060	CLASS D PATCH, SPECIAL, 6 INCH	SQ YD	155		10	20	10		10	10	10	10	10		
HE442070	CLASS D PATCH, SPECIAL, 7 INCH	SQ YD	110											20	
HE442080	CLASS D PATCH, SPECIAL, 8 INCH	SQ YD	25					25							
HE442090	CLASS D PATCH, SPECIAL, 9 INCH	SQ YD	120	20											
HE442010	CLASS D PATCH SPECIAL, 10 INCH	SQ YD	13												
HE542485	CONCRETE COLLAR, SPECIAL	EACH	3												
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	FOOT	499	39		1								5	
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 15"	FOOT	8												
HE550P06	STORM SEWERS, SOLID PVC PIPE, 6 INCH	FOOT	6	6											
HE550P10	STORM SEWERS, SOLID PVC PIPE, 10 INCH	FOOT	4												
55100400	STORM SEWER REMOVAL, 10"	FOOT	179	39											
55100500	STORM SEWER REMOVAL, 12"	FOOT	50			1								5	
55100700	STORM SEWER REMOVAL, 15"	FOOT	8												
HE565000	SANITARY MANHOLES, ADJUST, SPECIAL	EACH	46	5	2	9	2							5	
HE601004	PIPE UNDERDRAINS, FABRIC LINED TRENCH, 4", SPL	FOOT	30												
HE602104	CATCH BASINS, 4 FOOT DIAMETER	EACH	2	1											
HE602200	INLETS, 2 FOOT DIAMETER	EACH	13	2		2								1	
HE602400	MANHOLES, 4 FOOT DIAMETER	EACH	2												
HE603000	MANHOLES TO BE ADJUSTED	EACH	146	5	10	10		3	6	2	8	16	4	15	
HE603100	MANHOLES TO BE ADJUSTED, SPECIAL	EACH	9					4							

PLAN

SURVEYED
BY: _____
DATE: _____
NOTE BOOK NO. _____
ALIGNED
BY: _____
DATE: _____
RT. OF WAY CHECKED
BY: _____
DATE: _____
STRUCTURE NAME

PROFILE

SURVEYED
BY: _____
DATE: _____
NOTE BOOK NO. _____
GRADES CHECKED
BY: _____
DATE: _____
STRUCTURE NOTATION CHD

BY

DATE

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ACORN COURT	ACORN DRIVE	AVON DRIVE	BERKLEY LANE W	BRENTWOOD DRIVE	CASTAWAY LANE	CHESAPEAKE DRIVE	COTTONWOOD TRAIL W	GLEN LANE	HAMPSHIRE ROAD	HARVARD LANE	HILLCREST BOULEVARD
HE603500	MANHOLES TO BE RECONSTRUCTED	EACH	1												
HE604007	FRAMES AND GRATES, DEPRESSED GRATE	EACH	2						1				1		
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	4						1					1	2
HE604060	FRAMES AND LIDS, STORM, TYPE 1, CLOSED LID, SPECIAL	EACH	1											1	
HE604061	FRAMES AND LIDS, SANITARY, TYPE 1, CLOSED LID, SPECIAL	EACH	46						10	3	1			3	6
HE604062	FRAMES AND LIDS, WATER, TYPE 1, CLOSED LID, SPECIAL	EACH	7						3						
HE604300	FRAMES AND GRATES, FOR M3.12 CURB	EACH	11				2	1						2	
HE604605	FRAMES AND GRATES, FOR B6.12 CURB	EACH	46						9	2	1				9
60500040	REMOVING MANHOLES	EACH	1											1	
60500060	REMOVING INLETS	EACH	13				1		2	1	1				2
HE606100	COMBINATION CONCRETE CURB AND GUTTER, M3.12, SPECIAL	FOOT	2,250											1,710	
HE606200	COMBINATION CONCRETE CURB AND GUTTER, B6.12, SPECIAL	FOOT	7,500						5,465	215					
HE606300	COMBINATION CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT, SPECIAL	FOOT	17,295	400	325	475	500	750		370	810	925	600		1,450
HE606900	CONCRETE FRONT FILL, SPECIAL	FOOT	8,040						5,465	215					
HE701014	TRAFFIC CONTROL AND PROTECTION	LUMP SUM	1												
70300100	SHORT TERM PAVEMENT MARKING	FOOT	998				30		118	24	12			24	34
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	470				10		39	8	4			8	11
HE720010	REMOVE AND RESET SIGN	EACH	1												
78001110	PAVEMENT PAINT MARKING - LINE 4"	FOOT	410												
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62												
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	475												
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3,061				130		805	150	100	50		100	525
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	196												
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	734				30	12	118	24	12	12		24	58
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1												
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	108												
88600100	DETECTOR LOOP, TYPE 1	FOOT	198												
M8950230	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	108												

FILE NAME =
2026 Summary of Quantities.dwg

DESIGNED -
DRAWN -
CHECKED -
DATE - 01/08/2026

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Summary of Quantities

SCALE: NTS SHEET NO. 5 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	8
CONTRACT. NO.				
ILLINOIS				

PLAN

DESIGNED

NOTED

CHECKED

BY

DATE

NOTE BOOK

NO.

DATE

PROFILE

DESIGNED

NOTED

CHECKED

BY

DATE

NOTE BOOK

NO.

DATE

SUMMARY OF QUANTITIES

PAY ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	KINGSDALE ROAD	MAUREEN DRIVE	NEW BRITTON DRIVE	OAK KNOLL LANE	PEMBROKE AVENUE	PROVIDENCE DRIVE	RALEIGH LANE	RIVER BIRCH DRIVE	RUSSELL DRIVE	STEFFEN DRIVE	VICTORIA DRIVE	MISC.
HE603500	MANHOLES TO BE RECONSTRUCTED	EACH	1			1									
HE604007	FRAMES AND GRATES, DEPRESSED GRATE	EACH	2												
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	4												
HE604060	FRAMES AND LIDS, STORM, TYPE 1, CLOSED LID, SPECIAL	EACH	1												
HE604061	FRAMES AND LIDS, SANITARY, TYPE 1, CLOSED LID, SPECIAL	EACH	46	5	2	9	2							5	
HE604062	FRAMES AND LIDS, WATER, TYPE 1, CLOSED LID, SPECIAL	EACH	7			2	1			1					
HE604300	FRAMES AND GRATES, FOR M3.12 CURB	EACH	11			5				1					
HE604605	FRAMES AND GRATES, FOR B6.12 CURB	EACH	46		9							16			
60500040	REMOVING MANHOLES	EACH	1												
60500060	REMOVING INLETS	EACH	13	3		2								1	
HE606100	COMBINATION CONCRETE CURB AND GUTTER, M3.12, SPECIAL	FOOT	2,250			360	180								
HE606200	COMBINATION CONCRETE CURB AND GUTTER, B6.12, SPECIAL	FOOT	7,500				1,820								
HE606300	COMBINATION CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT, SPECIAL	FOOT	17,295	2,150	900	1,350	200	700	500	715	875	1,300	550	1,450	
HE606900	CONCRETE FRONT FILL, SPECIAL	FOOT	8,040			360	2,000								
HE701014	TRAFFIC CONTROL AND PROTECTION	LUMP SUM	1												1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	998	48	357	24		17		210		64		36	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	470	16	118	8		6		210		21		12	
HE720010	REMOVE AND RESET SIGN	EACH	1												1
78001110	PAVEMENT PAINT MARKING - LINE 4"	FOOT	410							210					200
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62		62										
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	475		175								300		
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3,061	300	271	100		85		45		150	100	150	
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	196		196										
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	734	48	197	24		17		22		64	12	60	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1										
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 I PAIR	FOOT	108		108										
88600100	DETECTOR LOOP, TYPE I	FOOT	198		198										
M8950230	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	108		108										

FILE NAME =
2026 Summary of Quantities.dwg

DESIGNED -
DRAWN -
CHECKED -
DATE - 01/08/2026

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Summary of Quantities

SCALE: NTS SHEET NO. 6 OF 6 SHEETS

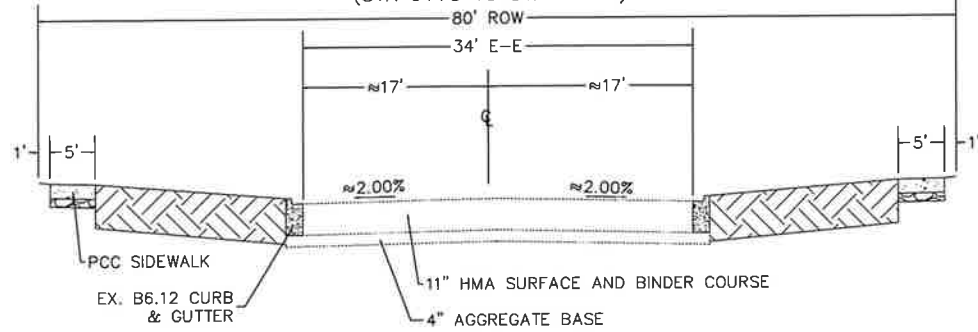
F.A.U. RTE.	SECTION 25-00119-00-RS	COUNTY Cook	TOTAL SHEETS 104	SHEET NO. 9
CONTRACT. NO.				
ILLINOIS				

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

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

EXISTING TYPICAL SECTION

CASTAWAY LN
(STA 0+78 TO STA 21+71)

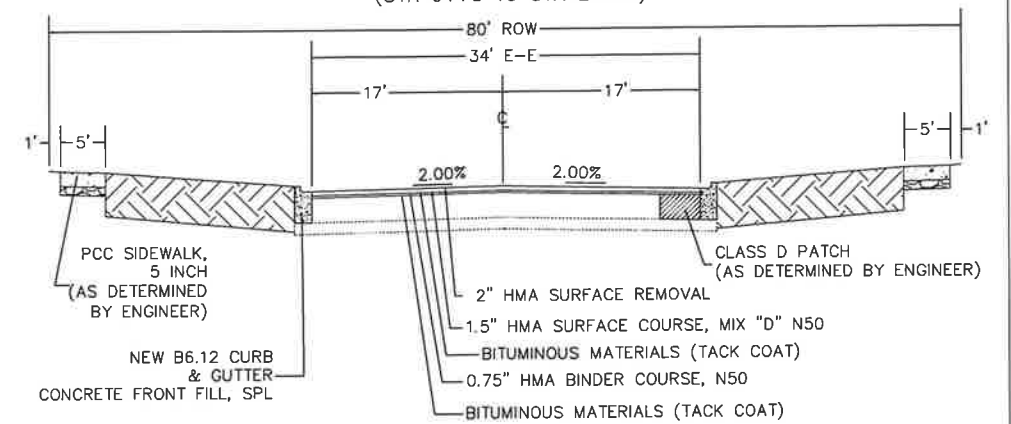


HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 9 INCH (3 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

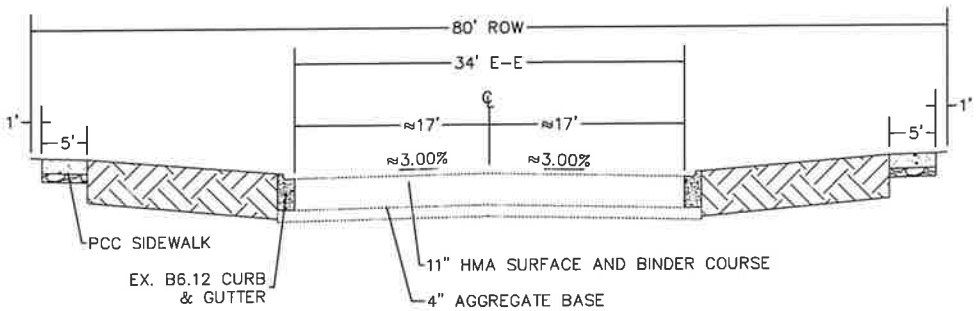
CASTAWAY LN
(STA 0+78 TO STA 21+71)



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

EXISTING TYPICAL SECTION

CASTAWAY LN
(STA 21+71 TO STA 28+40)

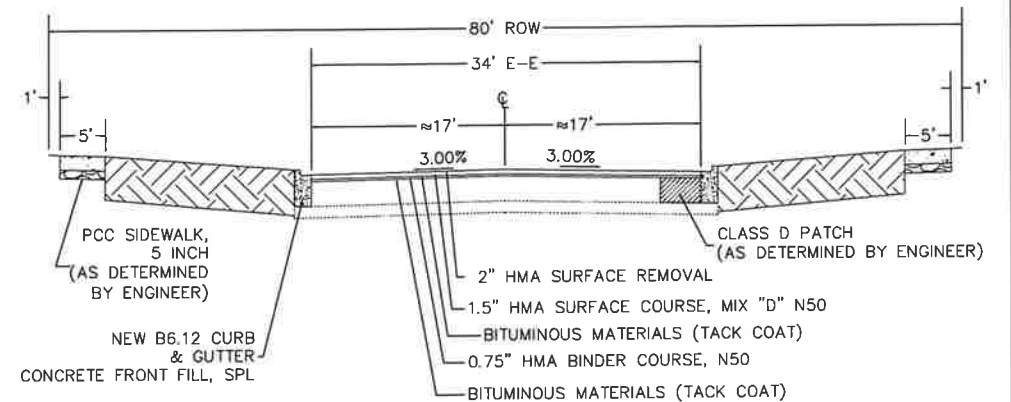


HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 9 INCH (3 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

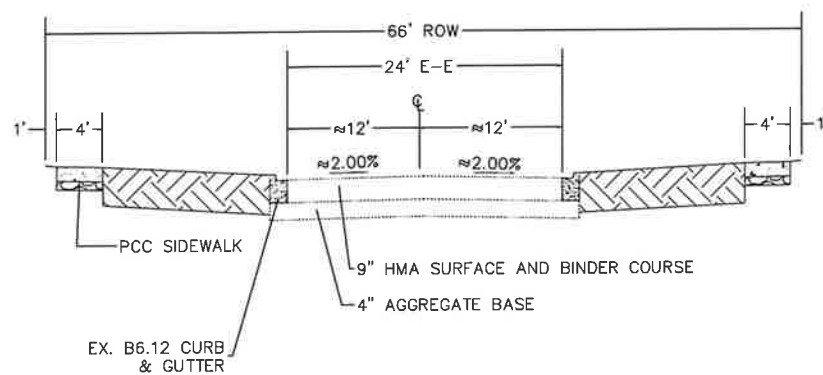
CASTAWAY LN
(STA 21+71 TO STA 28+40)



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

EXISTING TYPICAL SECTION

CHESAPEAKE DR

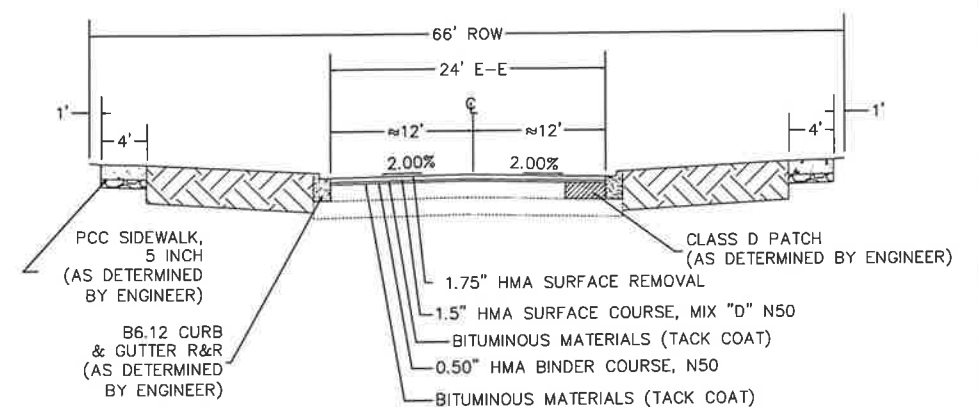


HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 7 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

CHESAPEAKE DR



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

FILE NAME =
2026 Typical Section.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 12/16/25

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hossell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Typical Sections

SCALE: NTS SHEET NO. 2 OF 7 SHEETS

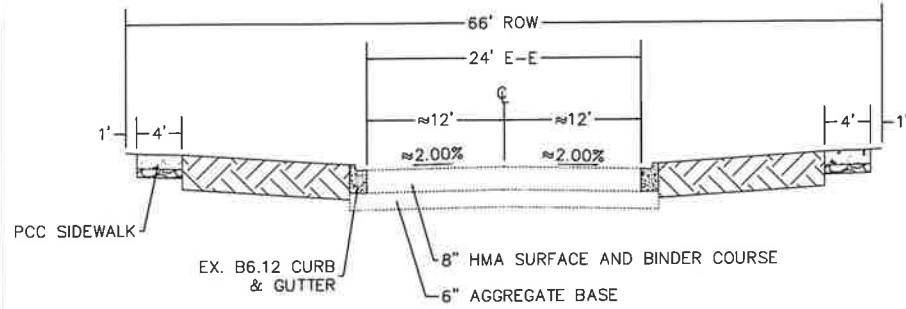
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	11
CONTRACT. NO.				
ILLINOIS				

PLAN	DESIGNED	DATE
	CHECKED	BY
	NOTED	DATE
	NO.	DATE

PROFILE	DESIGNED	DATE
	CHECKED	BY
	NOTED	DATE
	NO.	DATE

EXISTING TYPICAL SECTION

AVON DR, HAMPSHIRE DR, MAUREEN DR (STA 0+38 TO STA 9+00), RUSSELL DR, STEFFEN DR

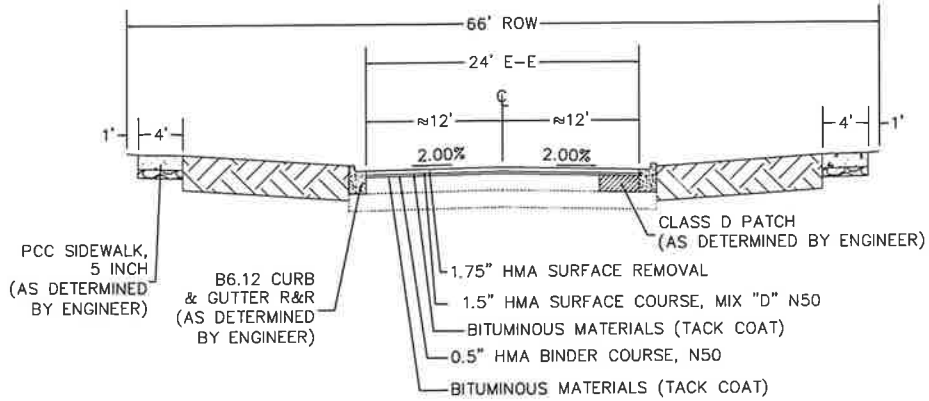


HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 6 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

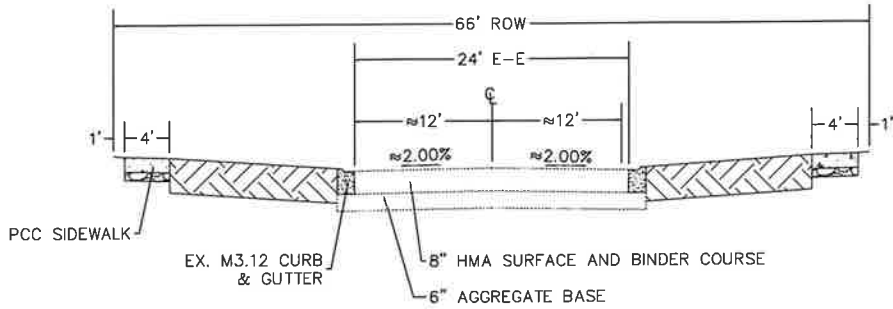
AVON DR, HAMPSHIRE DR, MAUREEN DR (STA 0+38 TO STA 9+00), RUSSELL DR, STEFFEN DR



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

EXISTING TYPICAL SECTION

ACORN CT, ACORN DR, BRENTWOOD DR, NEW BRITTON DR, PROVIDENCE DR, RIVER BIRCH DR

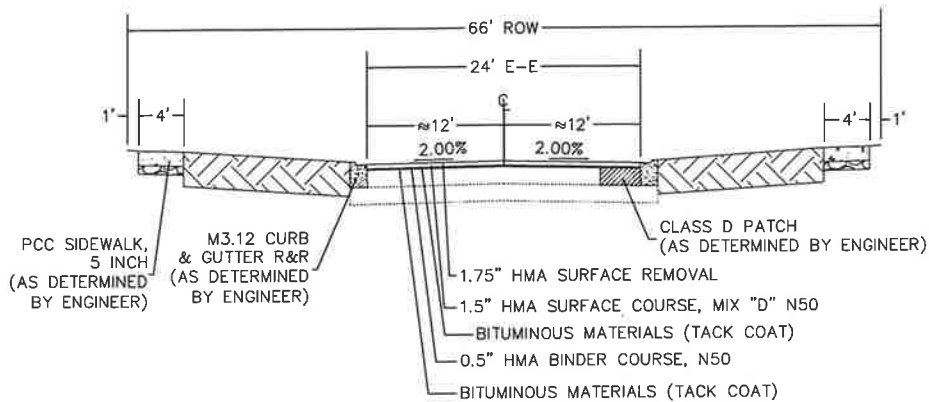


HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 6 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

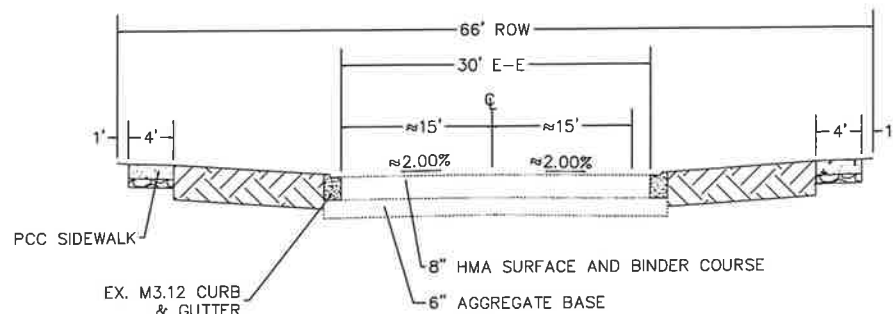
ACORN CT, ACORN DR, BRENTWOOD DR, NEW BRITTON DR, PROVIDENCE DR, RIVER BIRCH DR



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

EXISTING TYPICAL SECTION

BERKLEY LN

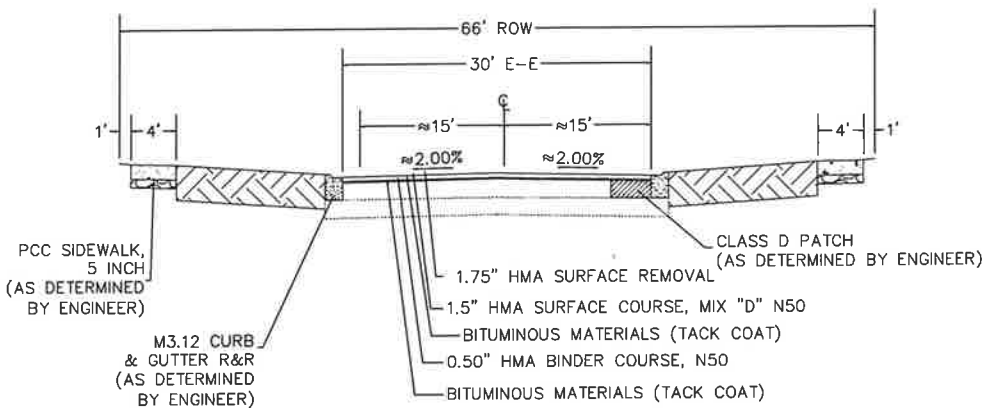


HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 6 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION

BERKLEY LN



NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

FILE NAME =
2026 Typical Section.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 12/16/25

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hossell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Typical Sections

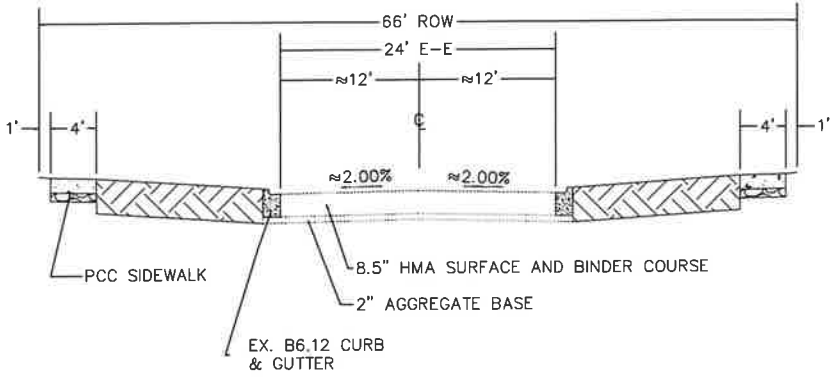
SCALE: NTS SHEET NO. 1 OF 7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	10
CONTRACT. NO.				
ILLINOIS				

PLAN	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		

PROFILE	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		

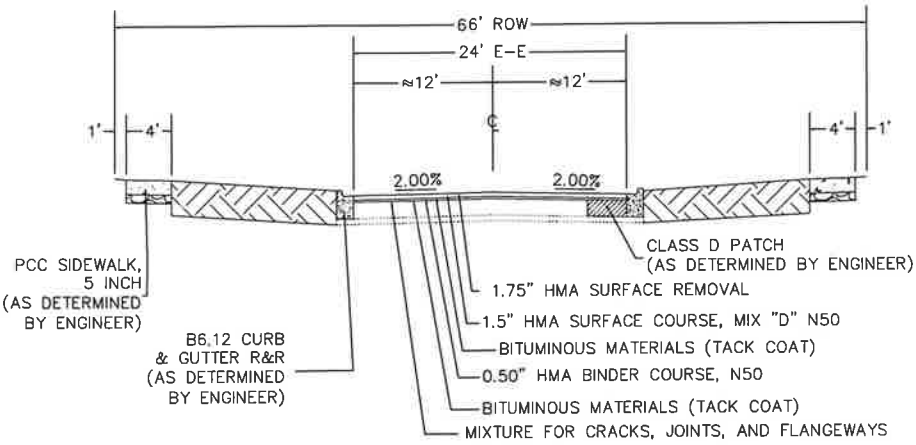
EXISTING TYPICAL SECTION COTTONWOOD TRL W



HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 7 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

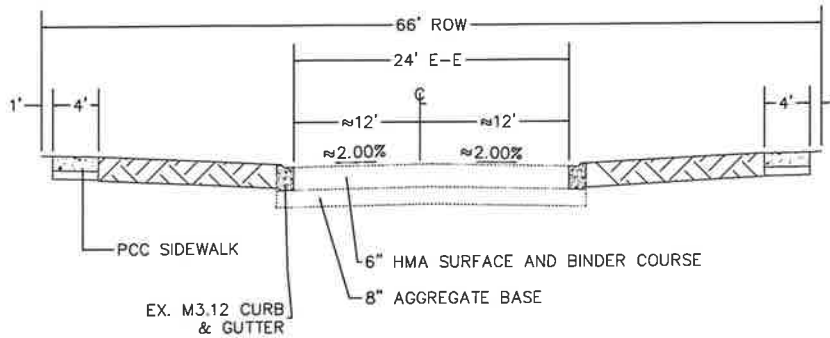
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION COTTONWOOD TRL W



- NOTE:
- GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
 - FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

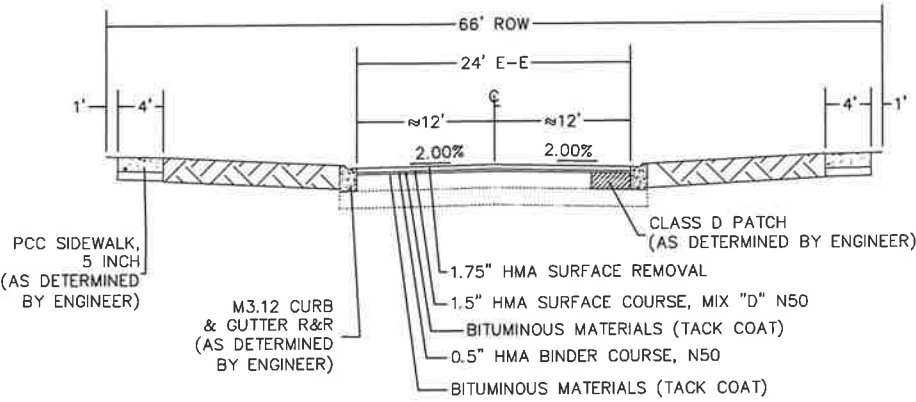
EXISTING TYPICAL SECTION GLEN LN



HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 4 INCH	4% @ 70 GYR	QC/QA

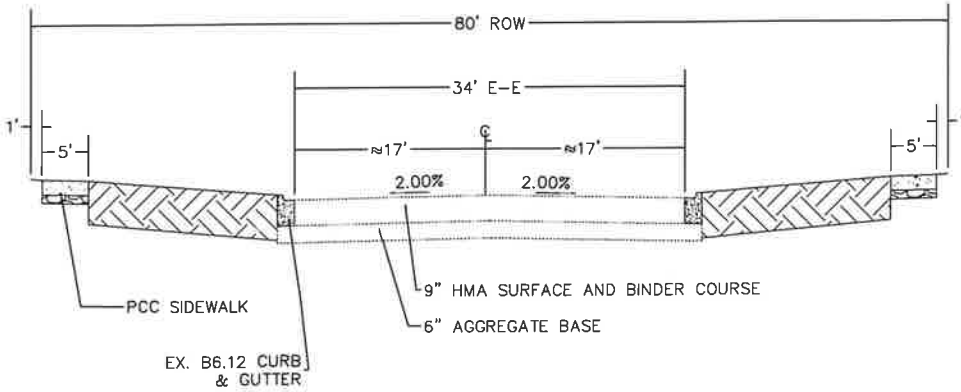
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION GLEN LN



- NOTE:
- GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
 - FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

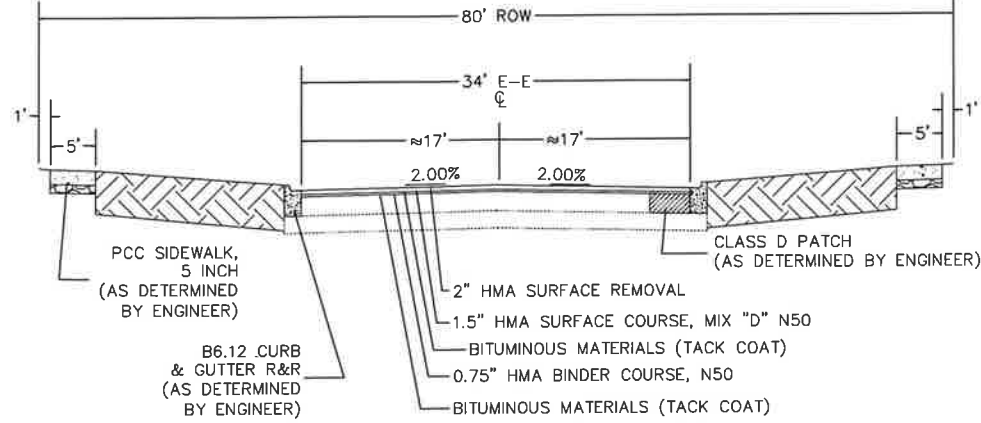
EXISTING TYPICAL SECTION HILLCREST BLVD



HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 7 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. 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 RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION HILLCREST BLVD



- NOTE:
- GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
 - FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

FILE NAME =
2026 Typical Section.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 12/16/25

REVISED -
REVISED -
REVISED -
REVISED -



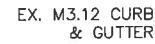
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Typical Sections

SCALE: NTS SHEET NO. 3 OF 7 SHEETS

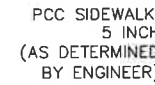
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	12
CONTRACT NO.				
ILLINOIS				

KINGSDALE RD



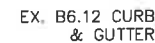
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

KINGSDALE RD



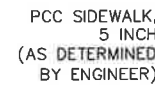
- NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
 2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

OAK KNOLL LN
(STA 0+00 TO STA 8+17)



NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/LN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

OAK KNOLL LN
(STA 0+00 TO STA 8+17)



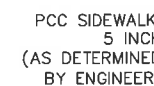
- NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
 2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

OAK KNOLL LN
(STA 8+17 TO STA 10+78)



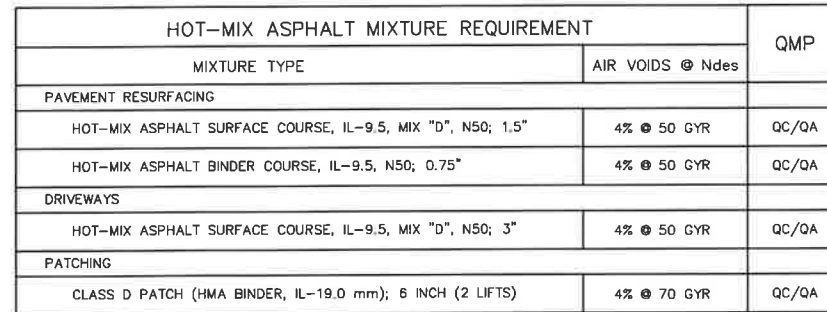
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED
HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

OAK KNOLL LN
(STA 8+17 TO STA 10+78)

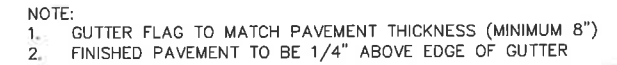


- NOTE:
1. GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
2. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

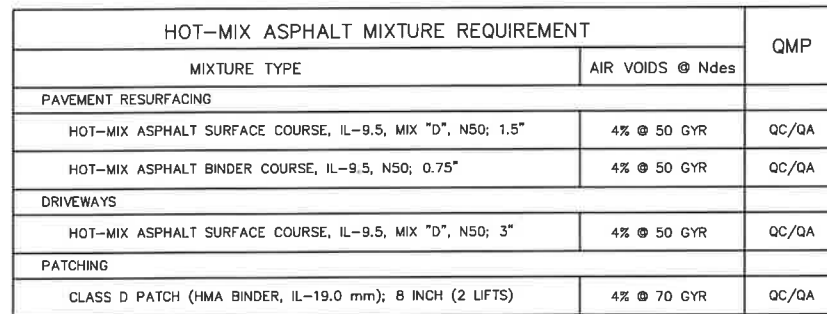
MAUREEN DR
(STA 9+73 TO STA 11+36)



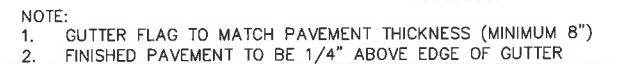
MAUREEN DR
(STA 9+73 TO STA 11+36)



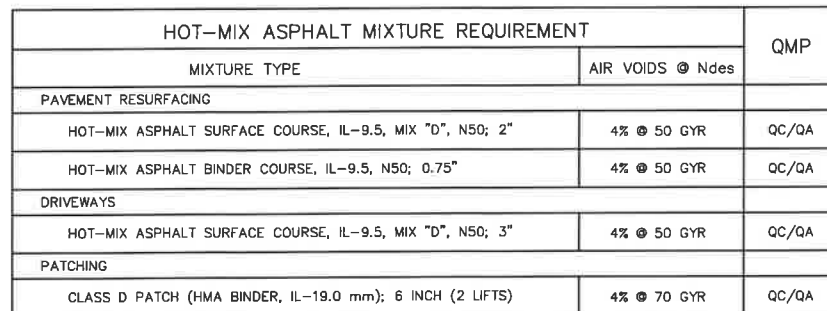
PEMBROKE AVE



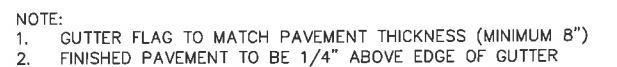
PEMBROKE AVE



RALEIGH LN



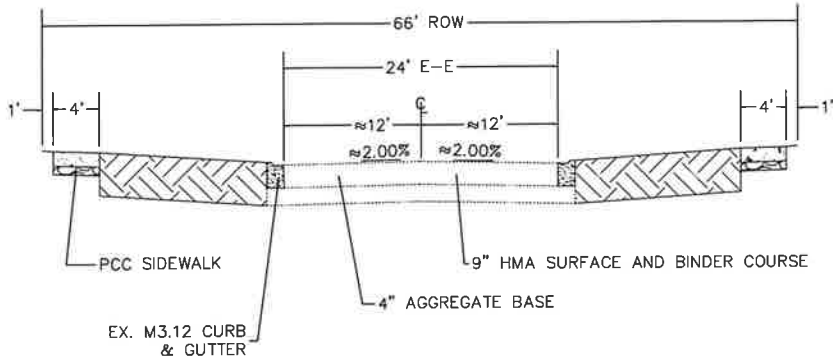
RALEIGH LN



PLAN	DESIGNED	DATE	BY
	CHECKED		
	NOTED		
	NO.		

PROFILE	DESIGNED	DATE	BY
	CHECKED		
	NOTED		
	NO.		

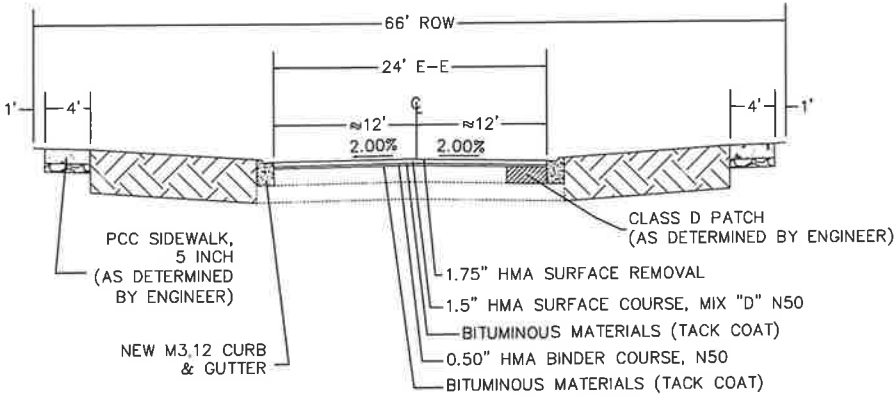
EXISTING TYPICAL SECTION
VICTORIA DR



HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 0.75"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19.0 mm); 7 INCH (2 LIFTS)	4% @ 70 GYR	QC/QA

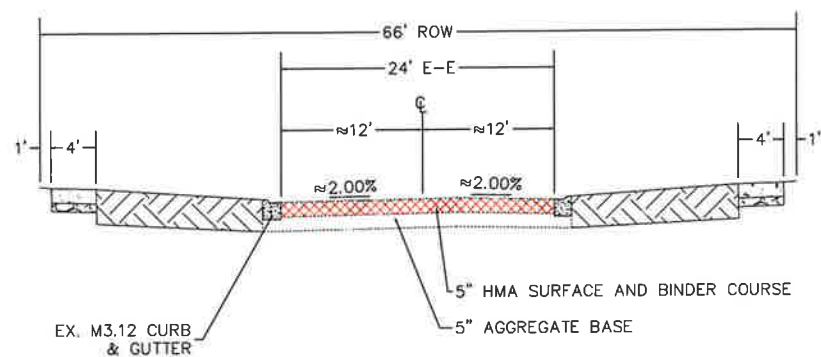
NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED TYPICAL SECTION
VICTORIA DR



- NOTE:
- GUTTER FLAG TO MATCH PAVEMENT THICKNESS (MINIMUM 8")
 - FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

HARVARD LN



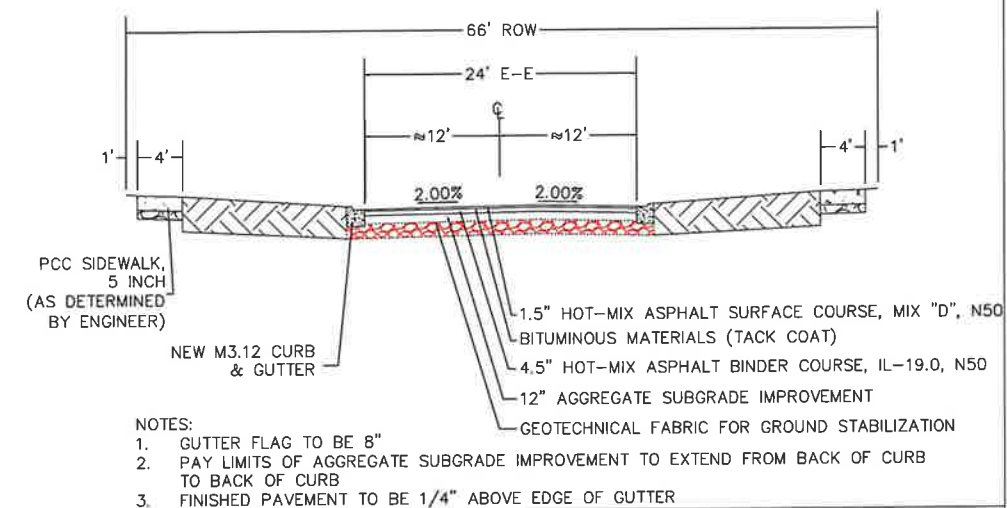
HARVARD LN

HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR Voids @ Ndes	
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PAVEMENT DESIGN			
ADT	1,000	DESIGN PG BINDER	PG 64-2
PV	930	DESIGN PAVEMENT HMA TEMPERATURE	74°
SU	50	DESIGN HMA MODULUS	720 KSI
MU	20	DESIGN HMA MICROSTRAIN	14
SUBGRADE SUPPORT RATING	POOR	DESIGN PAVEMENT THICKNESS	6
FEASIBLE TRAFFIC FACTOR	0.13	SURGRADE	12

HARVARD LN



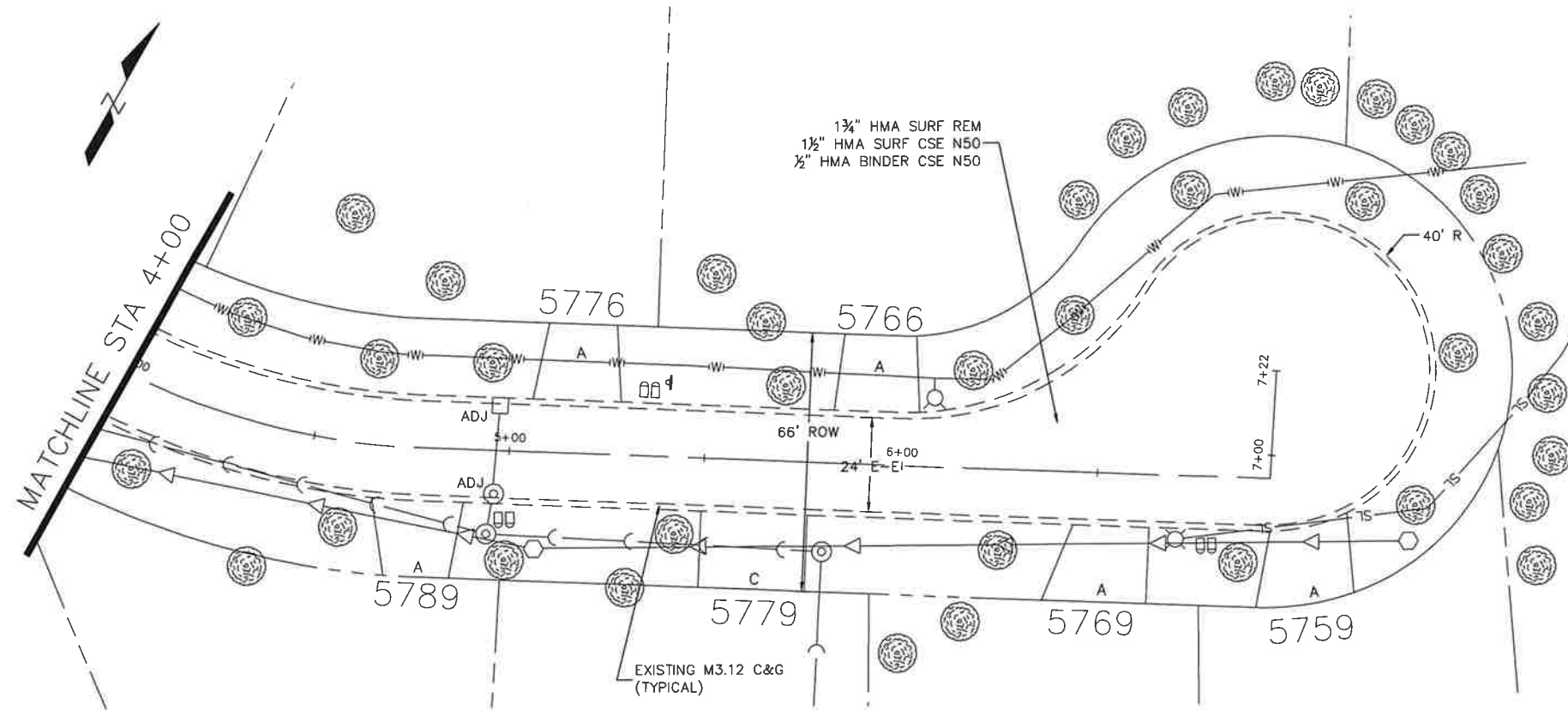
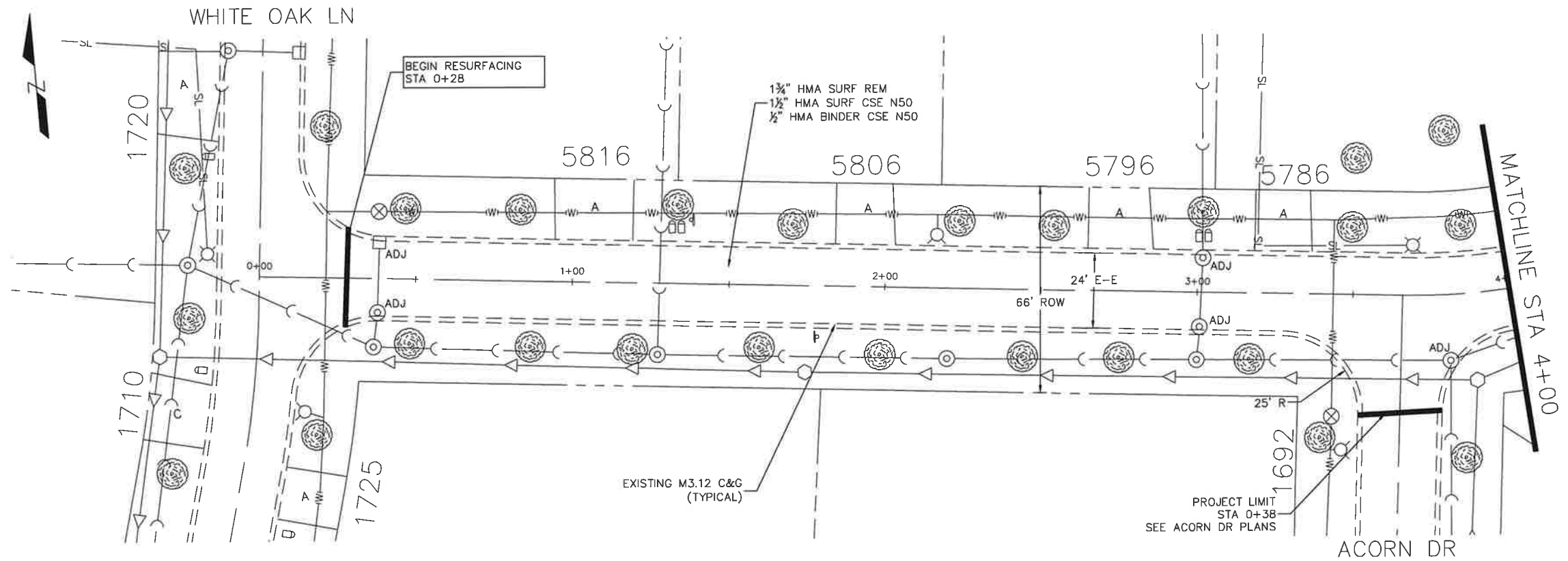
PLAN	SURVEYED _____	_____
	PLOTTED _____	_____
NOTE BOOK	ALIGNMENT CHECKED _____	_____
NO. _____	PT. OF WAY CHECKED _____	_____
	CADDFILE NAME _____	_____

PROFILE		DATE	BY	DATE
SURVIVED				
PLOTTED				
GRAPHS CHECKED				
B.M. NOTED				
STRUCTURE				
NOTATION'S CHECKED				



PLAN	SURVEYED	DATE	BY
NOTE BOOK	GRADES CHECKED		
NO.	PROJECT, NOTATIONS C&G		

PROFILE	SURVEYED	DATE	BY
NOTE BOOK	GRADES CHECKED		
NO.	PROJECT, NOTATIONS C&G		

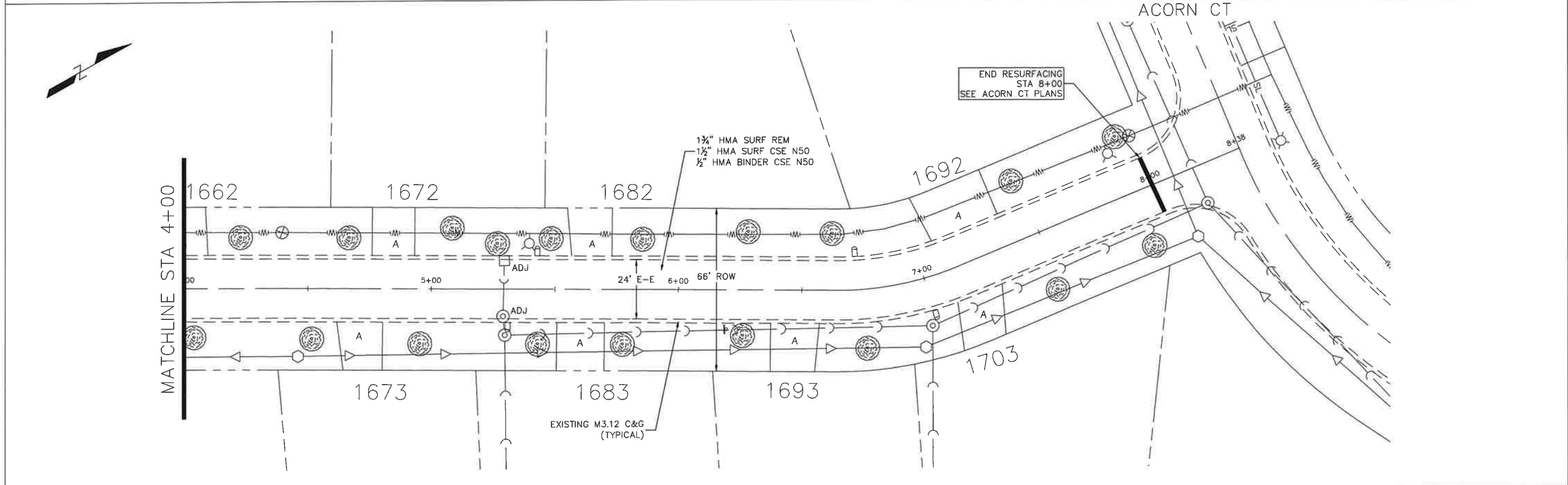
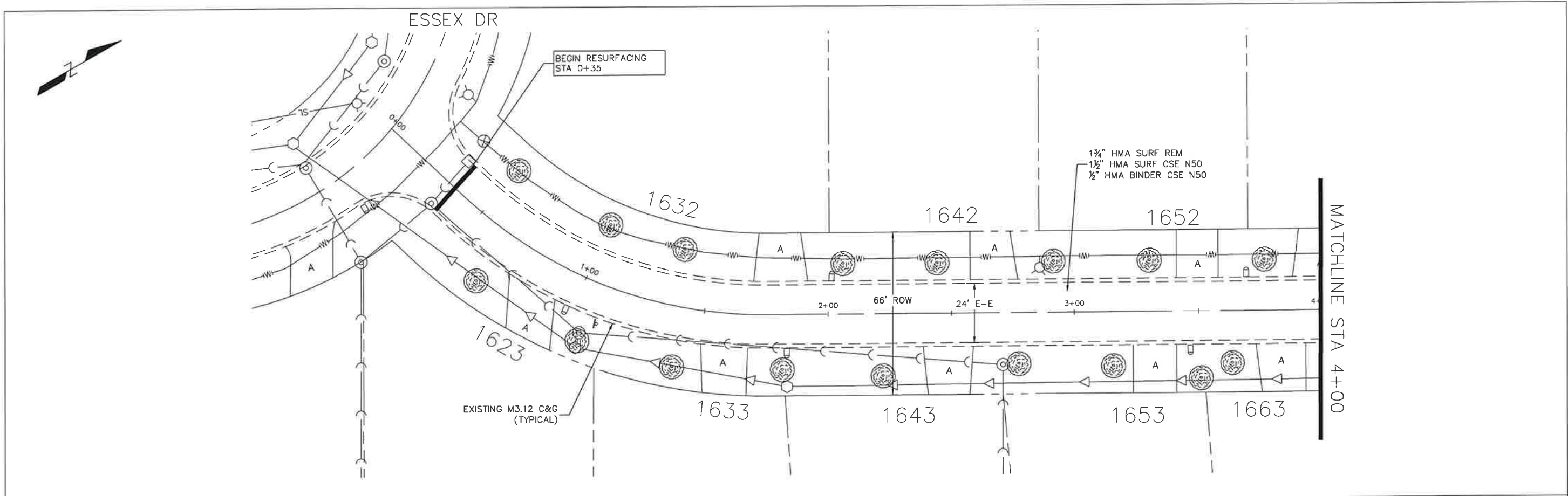


FILE NAME = Acorn Ct.dwg	DESIGNED -- JMK DRAWN -- JMK CHECKED -- AJW DATE -- 07/31/2025	REVISED -- 11/03/2025 REVISED -- 11/24/2025 REVISED -- REVISED --		VILLAGE OF HOFFMAN ESTATES 1900 Hossell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Acorn Court SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+28 TO STA 7+22	F.A.U. RTE.	SECTION 26-00119-00-RS	COUNTY Cook	TOTAL SHEETS 104	SHEET NO. 17
-----------------------------	---	--	---	---	--	----------------	---------------------------	----------------	------------------------	--------------------

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	NO.		

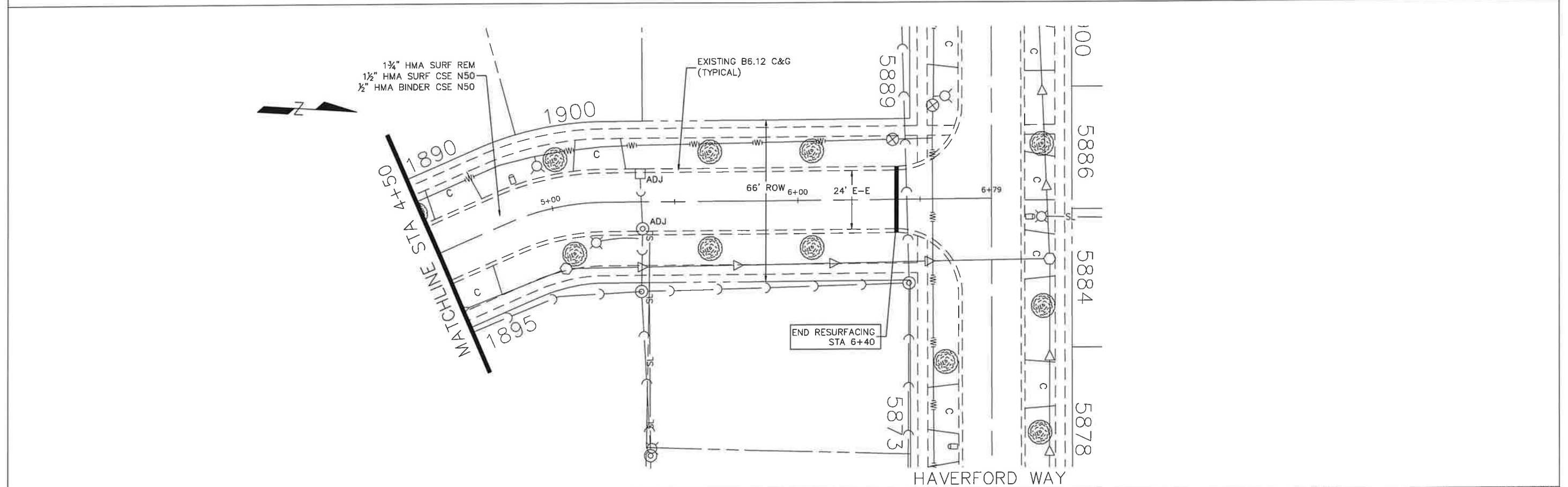
PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	NO.		



FILE NAME = Acorn Dr.dwg	DESIGNED - DSG DRAWN - DSG CHECKED - AJW DATE - 01/22/25	REVISED - 11/03/2025 REVISED - REVISED - REVISED -	VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Acorn Drive SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+35 TO STA 8+00	F.A.U. RTE.	SECTION 26-00119-00-RS	COUNTY Cook	TOTAL SHEETS 104	SHEET NO. 18
-----------------------------	---	---	---	--	----------------	---------------------------	----------------	------------------------	--------------------

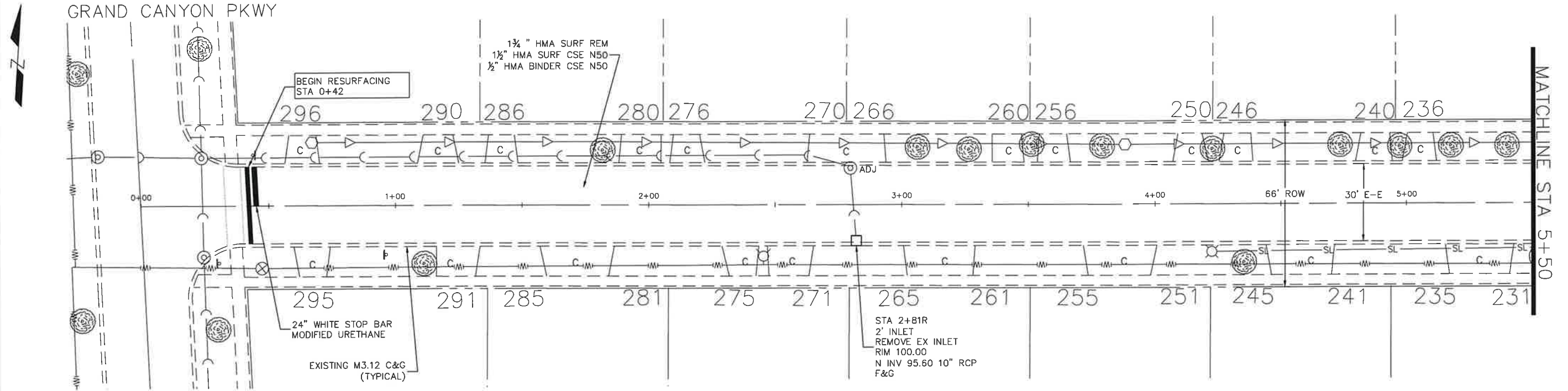
ILLINOIS FED. AID PROJECT

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

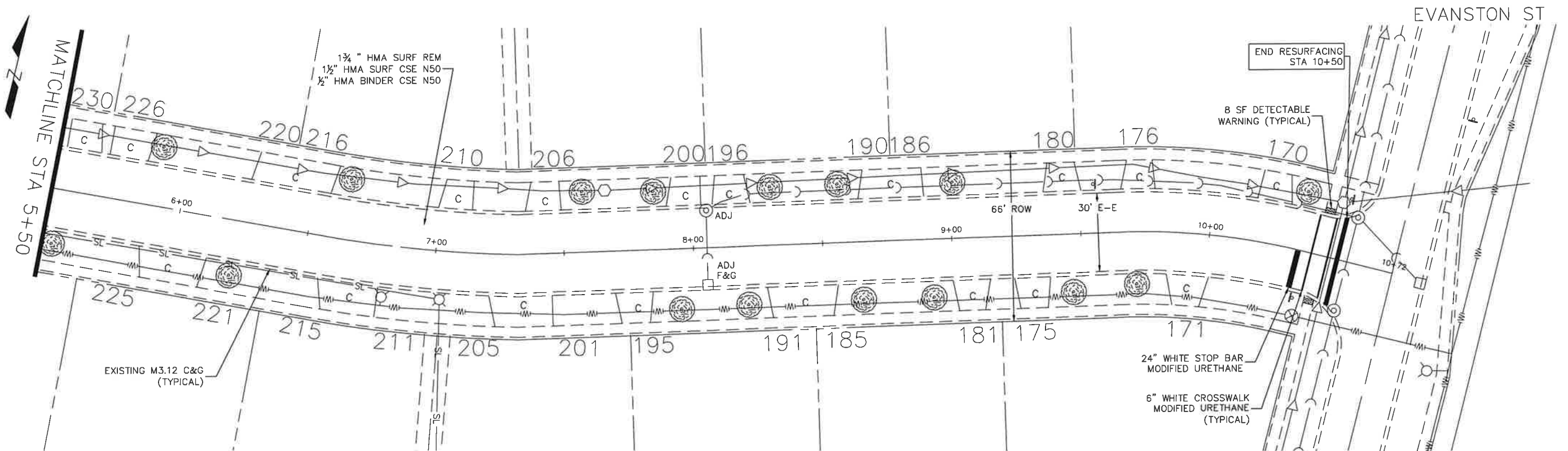


FILE NAME = Avon Dr.dwg	DESIGNED -- JGC	REVISED --		VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800			2026 Street Revitalization Project Avon Drive			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -- JGC	REVISED --									26-00119-00-RS	Cook	104	19
	CHECKED --AJW	REVISED --												
	DATE -- 11/03/2025	REVISED --						SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA. 0+38 TO STA 6+40	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	NOTED	CHECKED
NOTE BOOK	NO.	ST. OF WAY CHECKED	NO.
DATE	BY	DATE	BY



PROFILE	SURVEYED	NOTED	CHECKED
NOTE BOOK	NO.	ST. OF WAY CHECKED	NO.
DATE	BY	DATE	BY



FILE NAME =
Berkley Ln.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 11/07/2025

REVISED - 11/24/2025
REVISED -
REVISED -
REVISED -



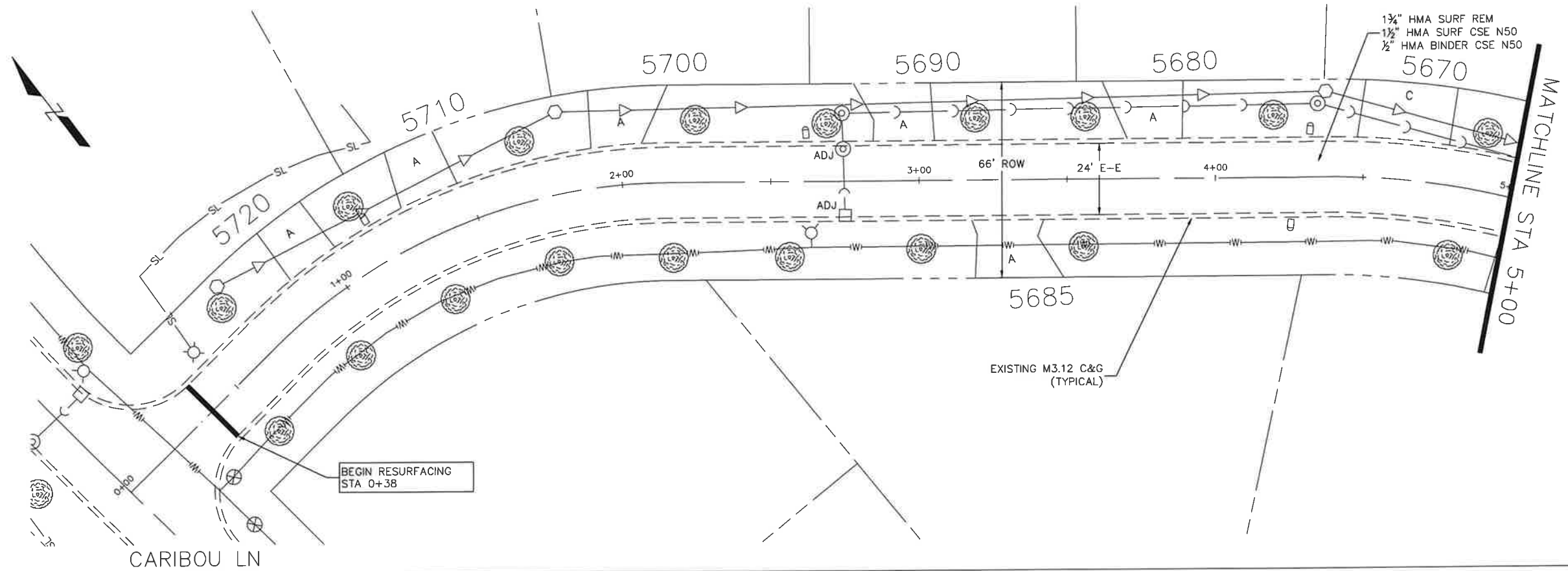
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Berkley Lane W

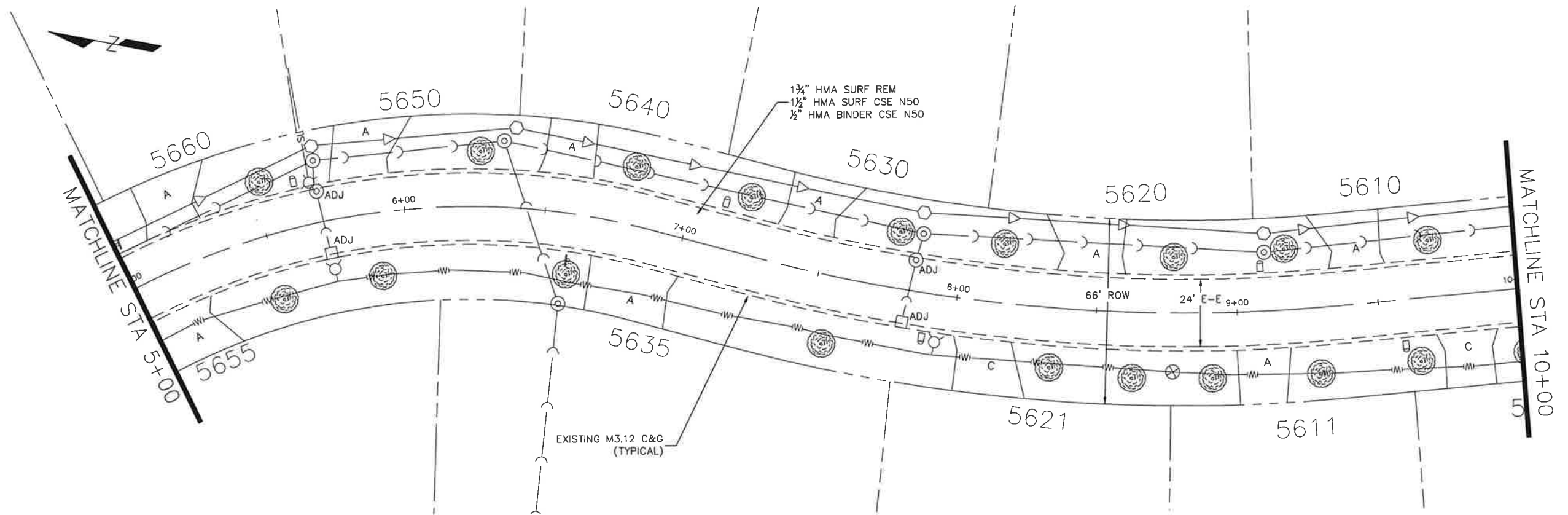
SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+42 TO STA 10+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	20
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	DATE		
	NO.		



PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	DATE		
	NO.		



FILE NAME =
Brentwood Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/18/2024

REVISED - 11/03/2025
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

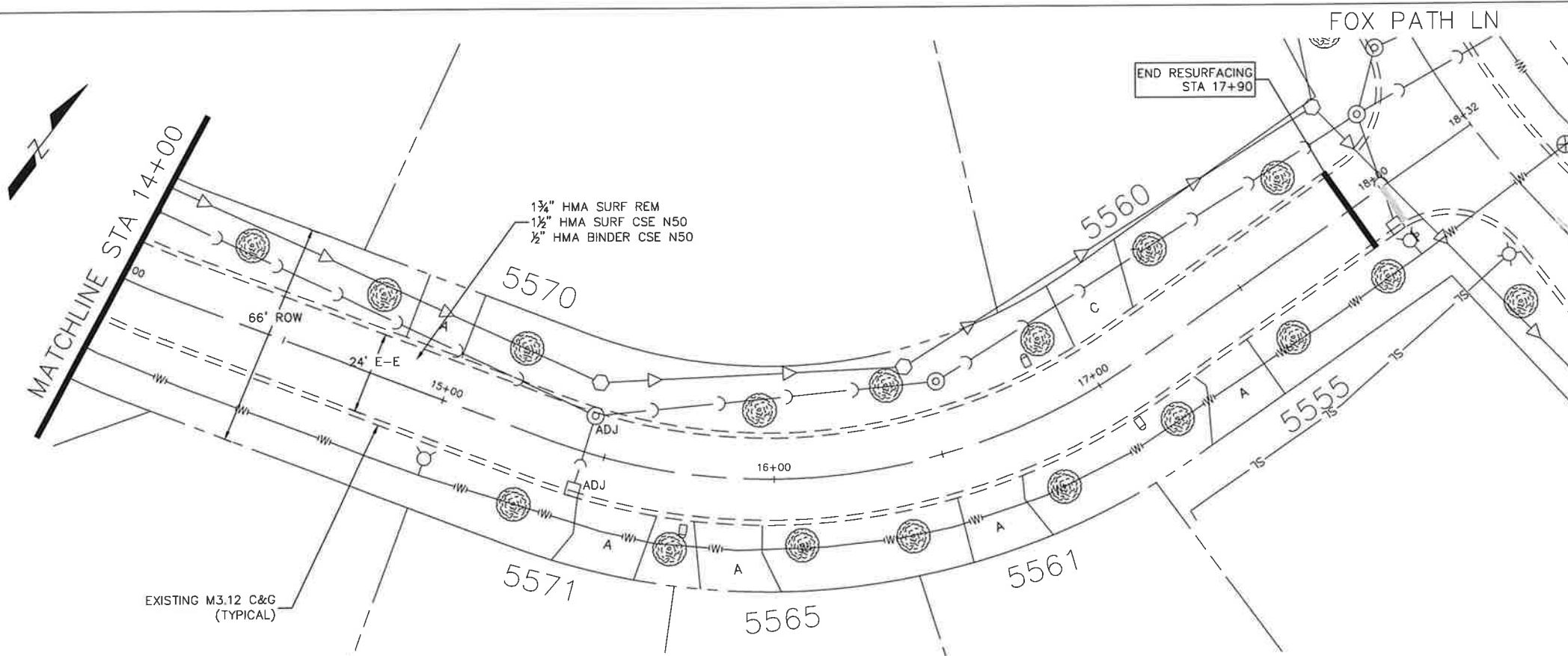
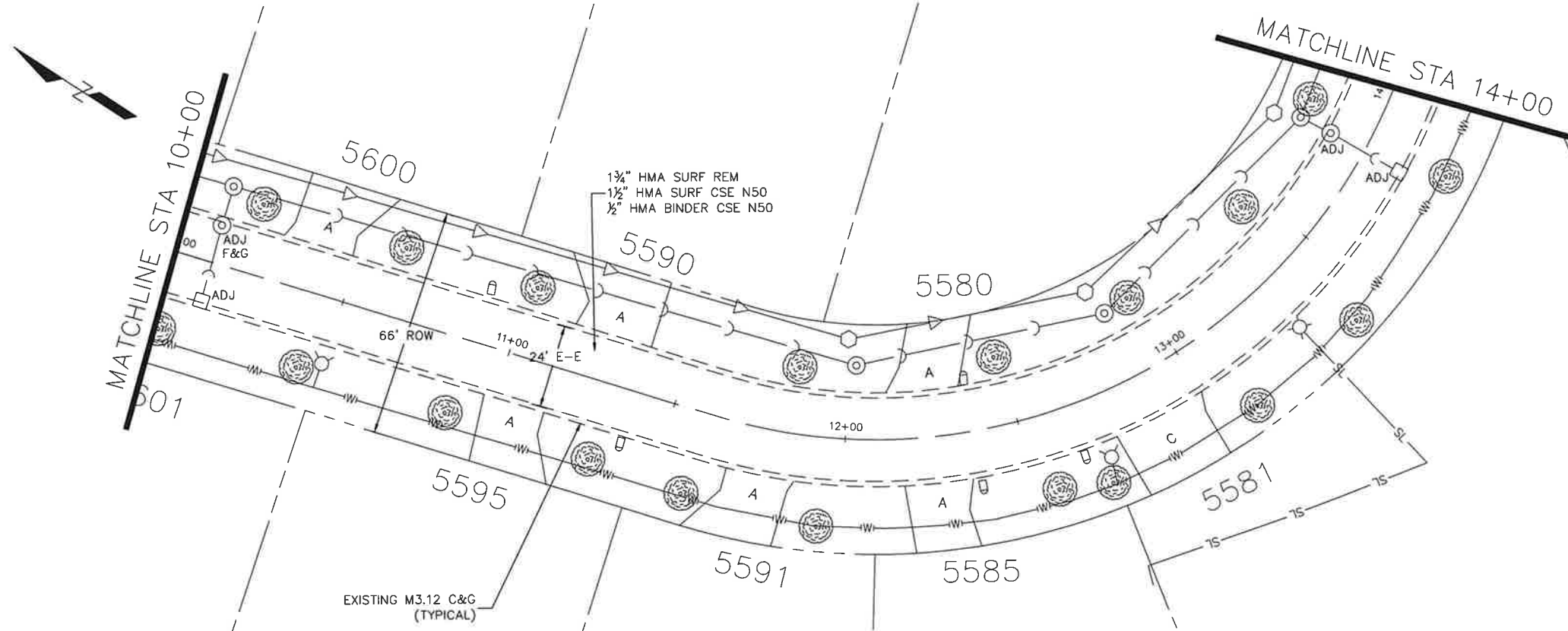
2026 Street Revitalization Project
Brentwood Drive

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 0+38 TO STA 10+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	21
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	ST. OF WAY CHECKED		
	NO.		

PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	ST. OF WAY CHECKED		
	NO.		



FILE NAME =
Brentwood Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/18/2024

REVISED - 11/03/2025
REVISED -
REVISED -
REVISED -

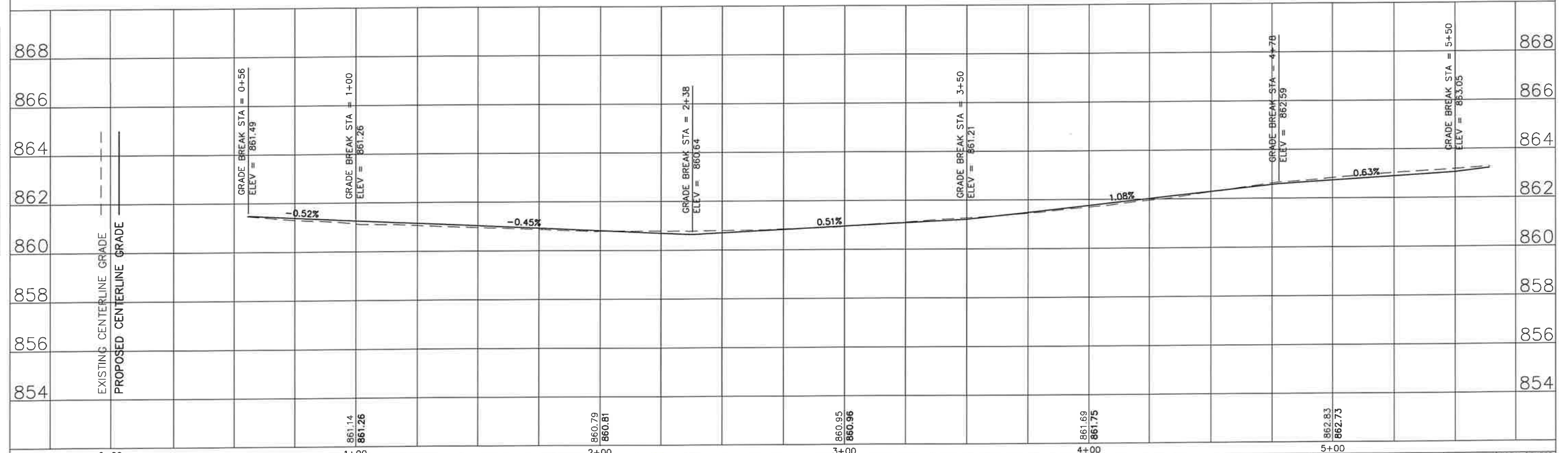
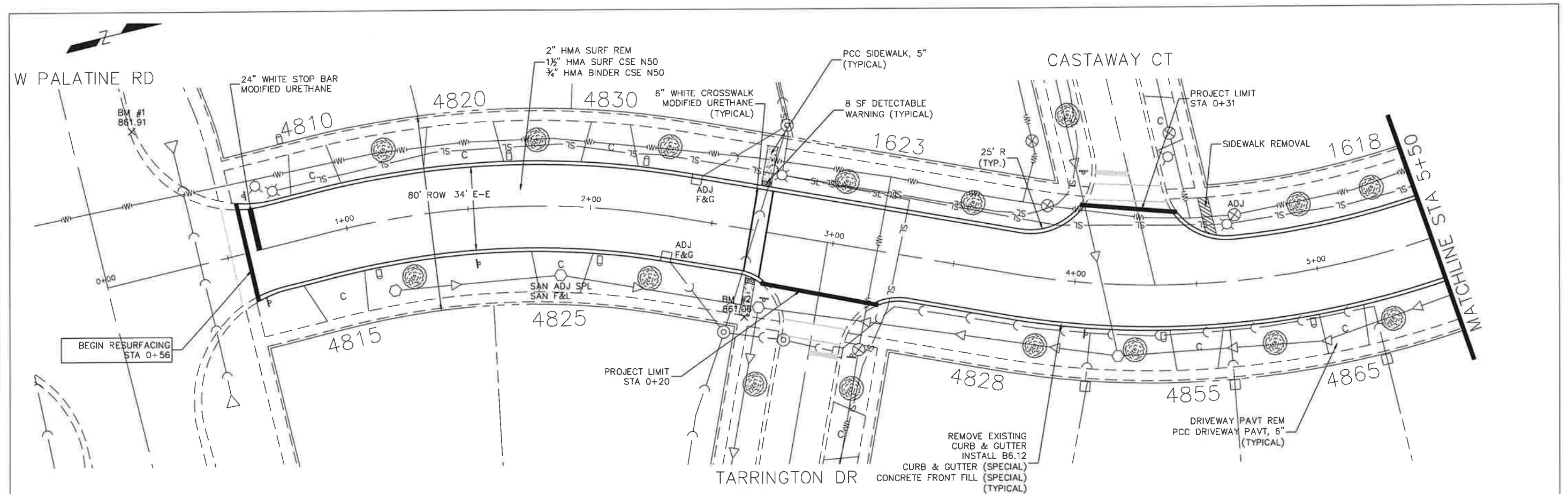
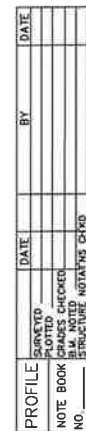


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Brentwood Drive

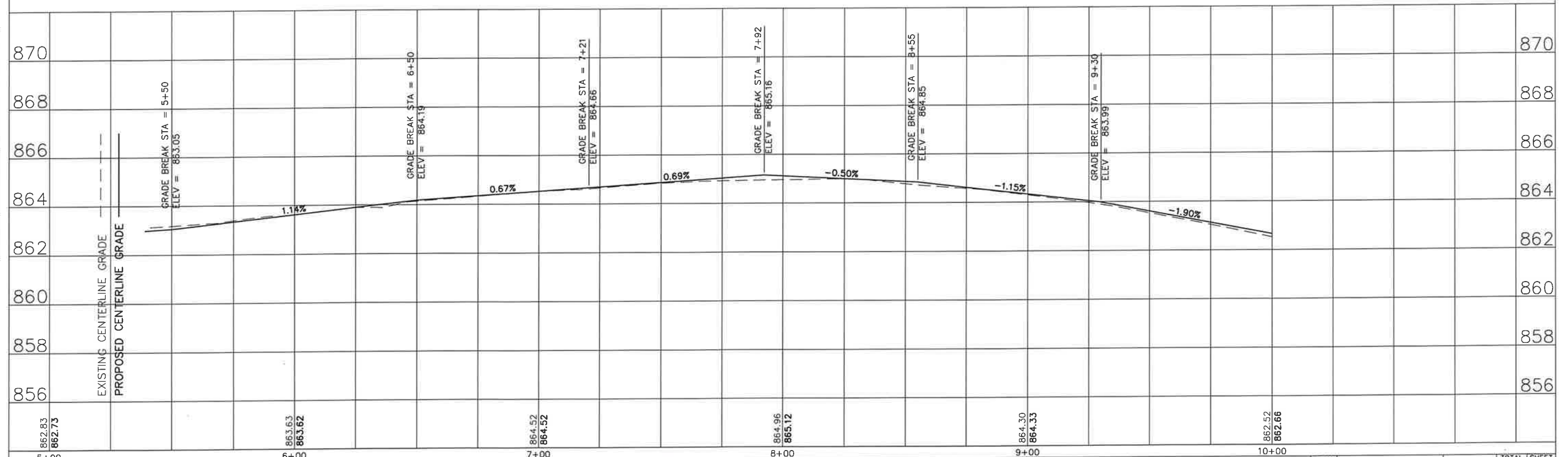
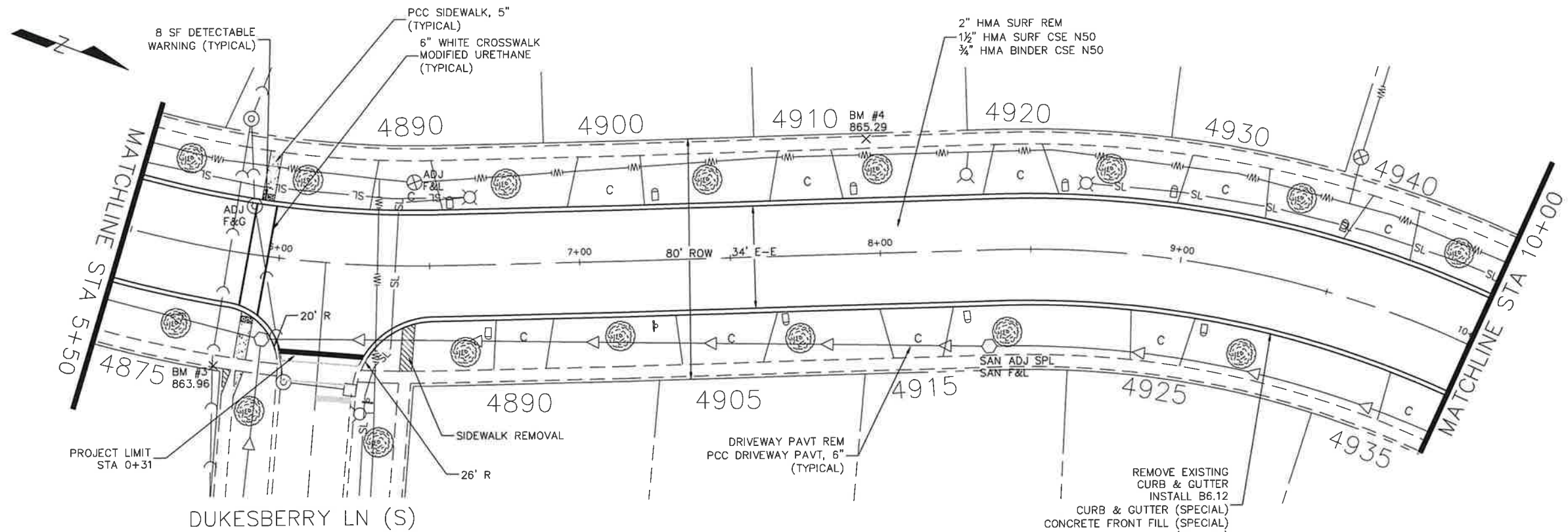
SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 10+00 TO STA 17+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	22
ILLINOIS FED. AID PROJECT				



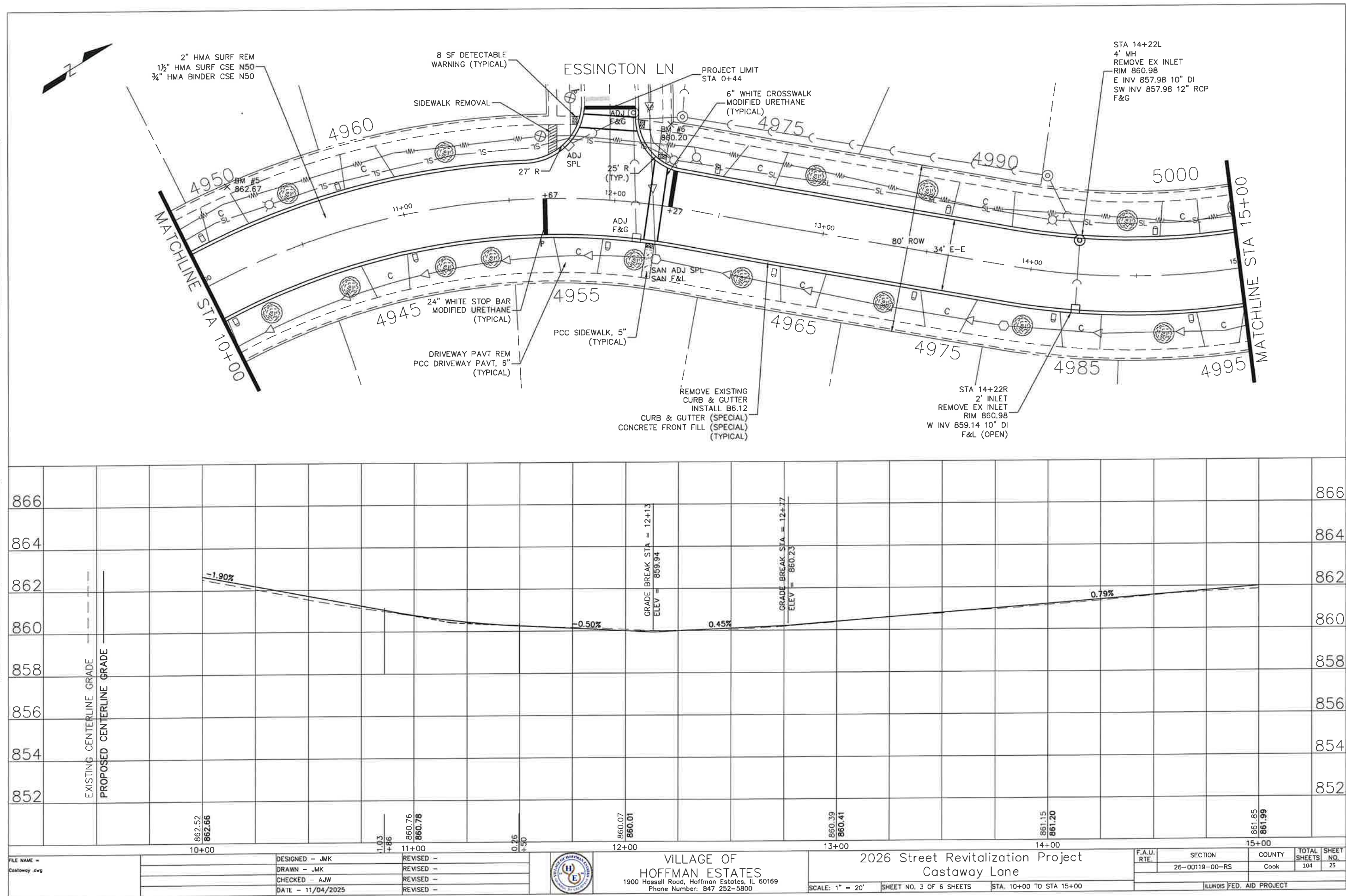
PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
ST. OF WAY CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
ST. OF WAY CHECKED		
NO.		



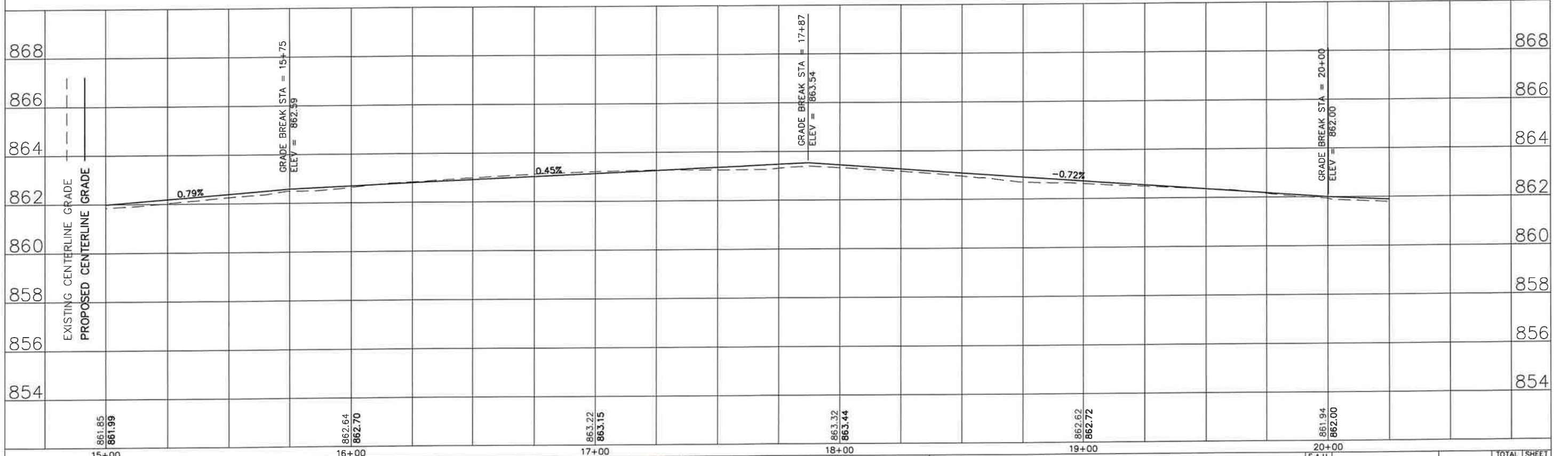
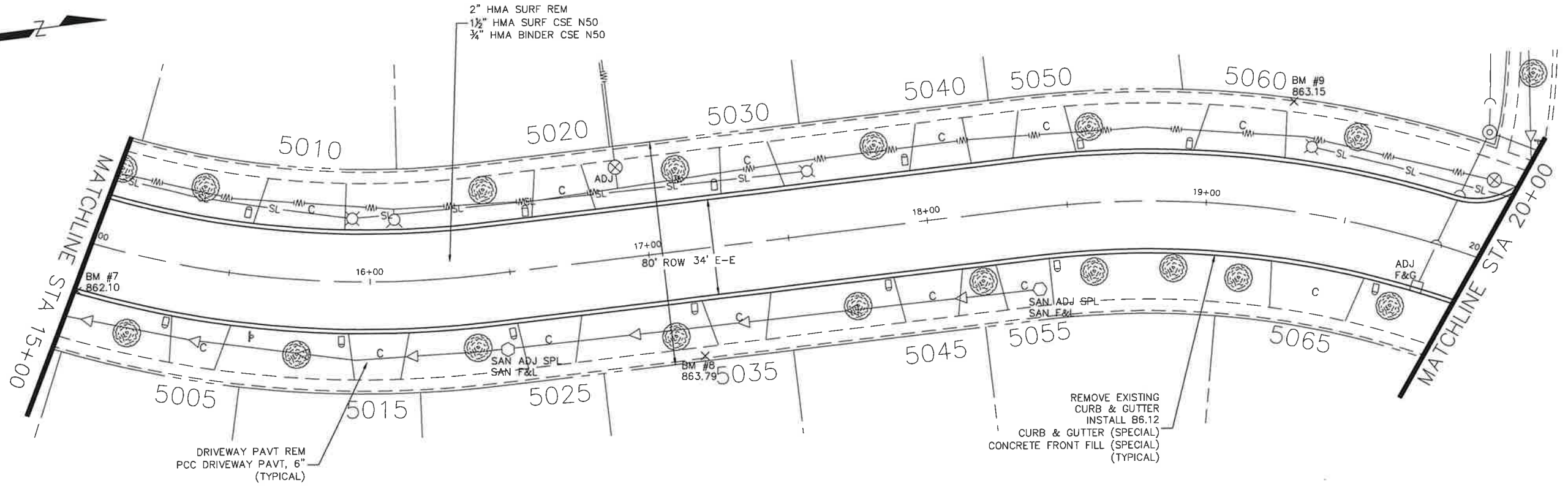
FILE NAME =	DESIGNED - JMK	REVISED -	VILLAGE OF	2026 Street Revitalization Project	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Castaway.dwg	DRAWN - JMK	REVISED -	HOFFMAN ESTATES	Castaway Lane	RTF	26-00119-00-RS	Cook	104	24
	CHECKED - AJW	REVISED -	1900 Hassell Road, Hoffman Estates, IL 60169	SCALE: 1" = 20'					
	DATE - 11/04/2025	REVISED -	Phone Number: 847 252-5800	SHEET NO. 2 OF 6 SHEETS					
				STA. 5+50 TO STA 10+00					



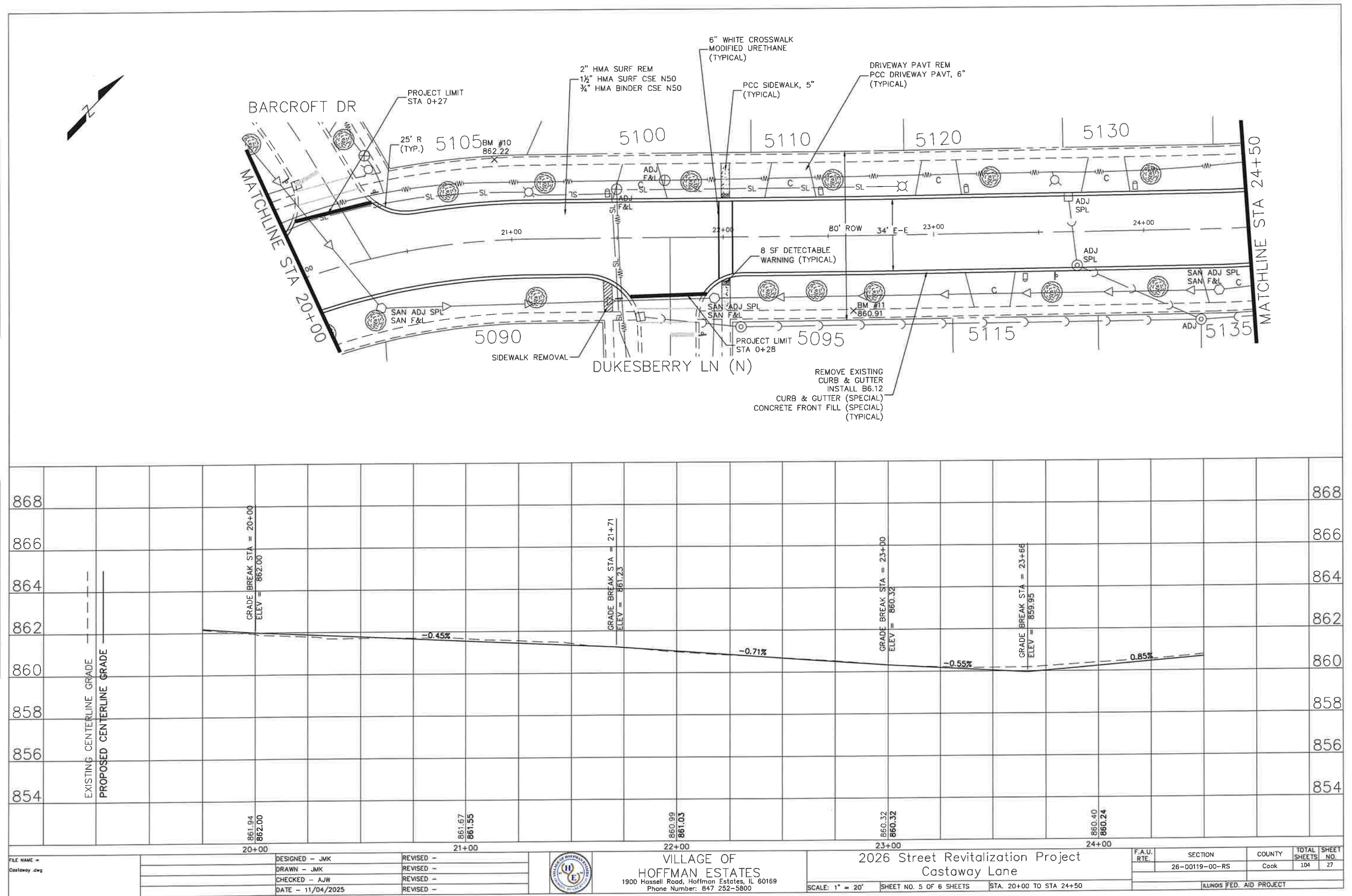


PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	NO.		

PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	NO.		

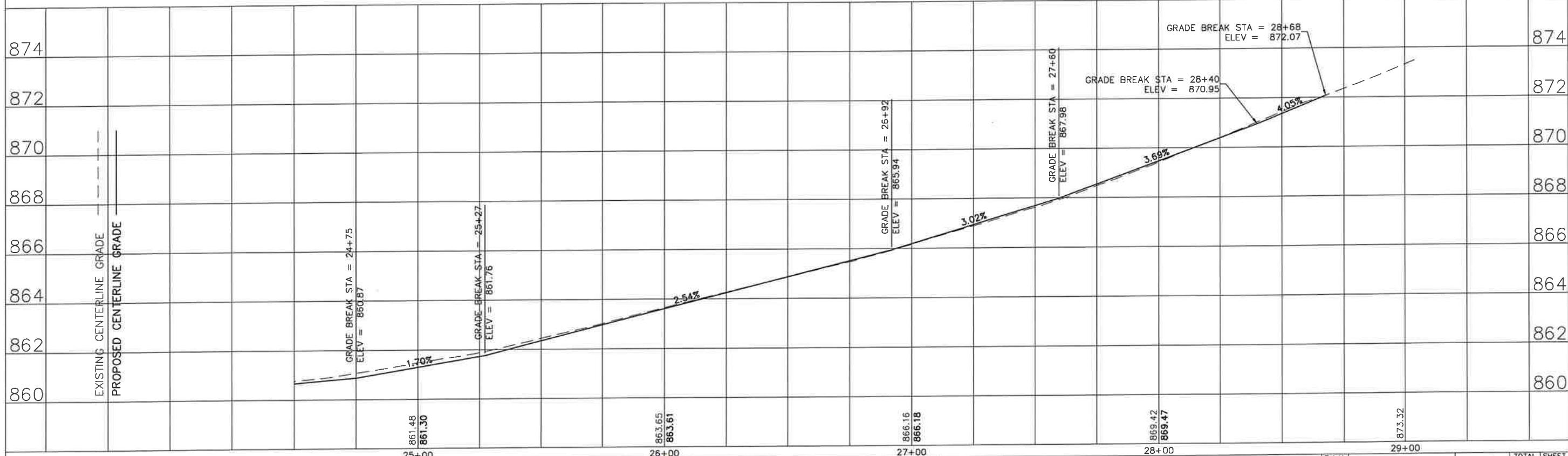
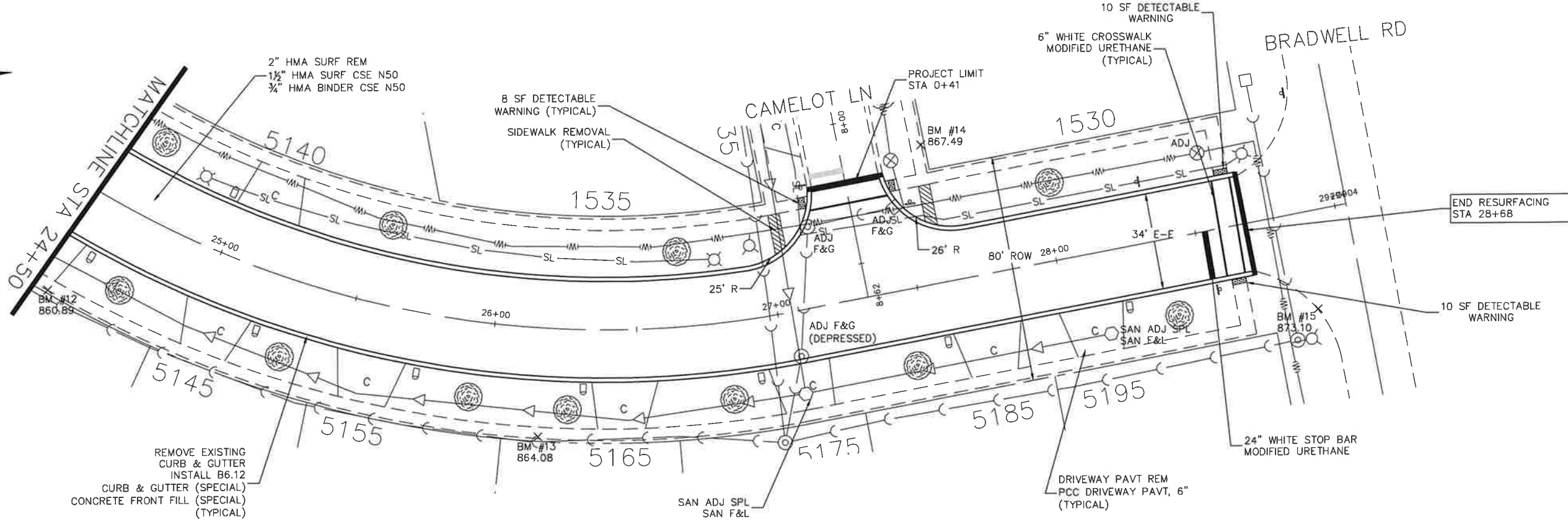


PROFILE	SURVEYED _____	DATE _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____			
NO. _____	GRADES CHECKED _____			
	B.M. NOTED _____			
	STRUCTURE NOTATION OK MD			



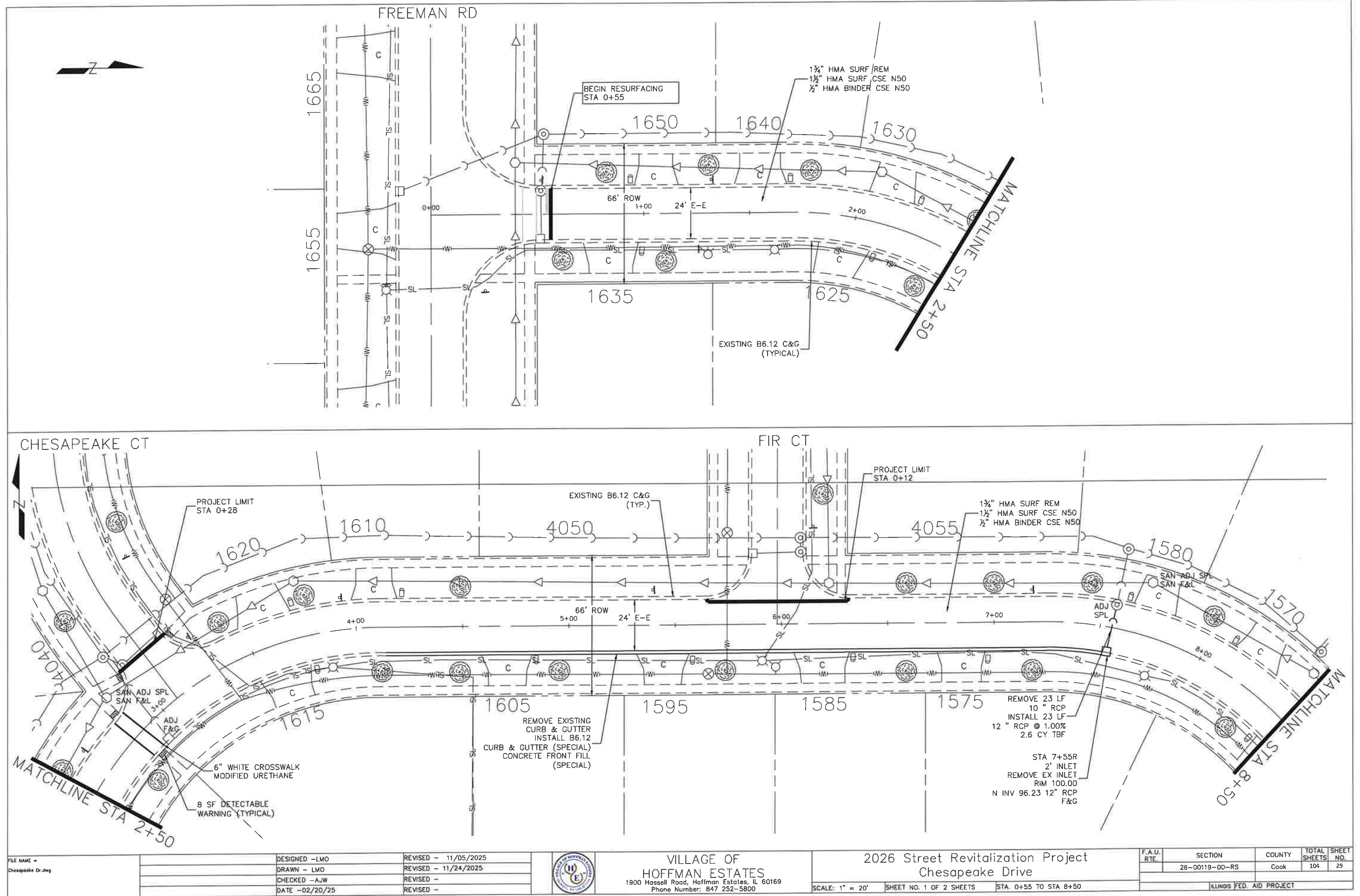
PLAN	SURVEYED	DATE	BY
NOTE BOOK	ALIGNED CHECKED		
NO.	ST. OF WAY CHECKED		
	PROFILE NAME		

PROFILE	SURVEYED	DATE	BY
NOTE BOOK	GRADINGS CHECKED		
NO.	STRUCTURE NOTATIONS OK/NO		

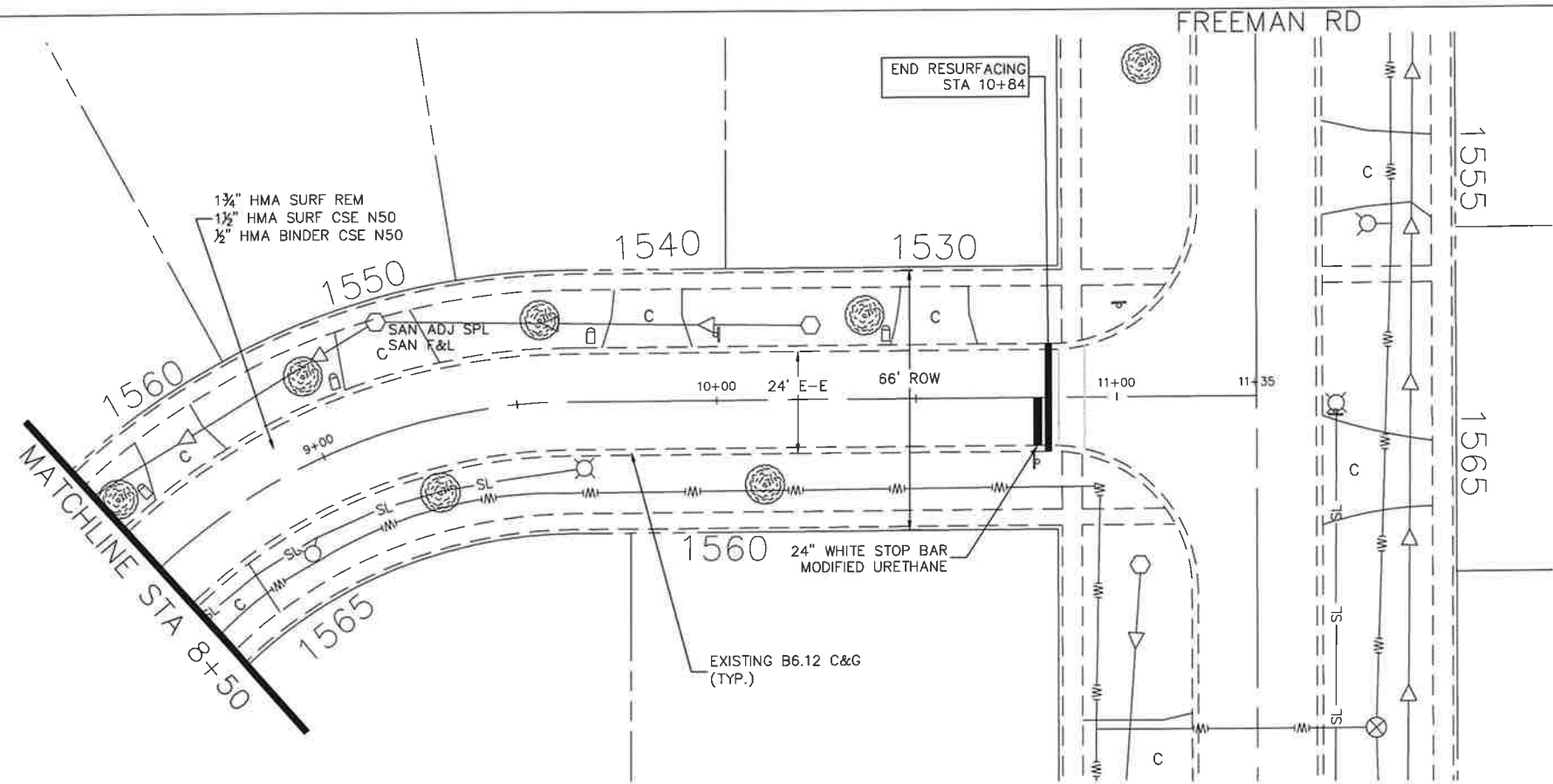


PLAN	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		

PROFILE	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		

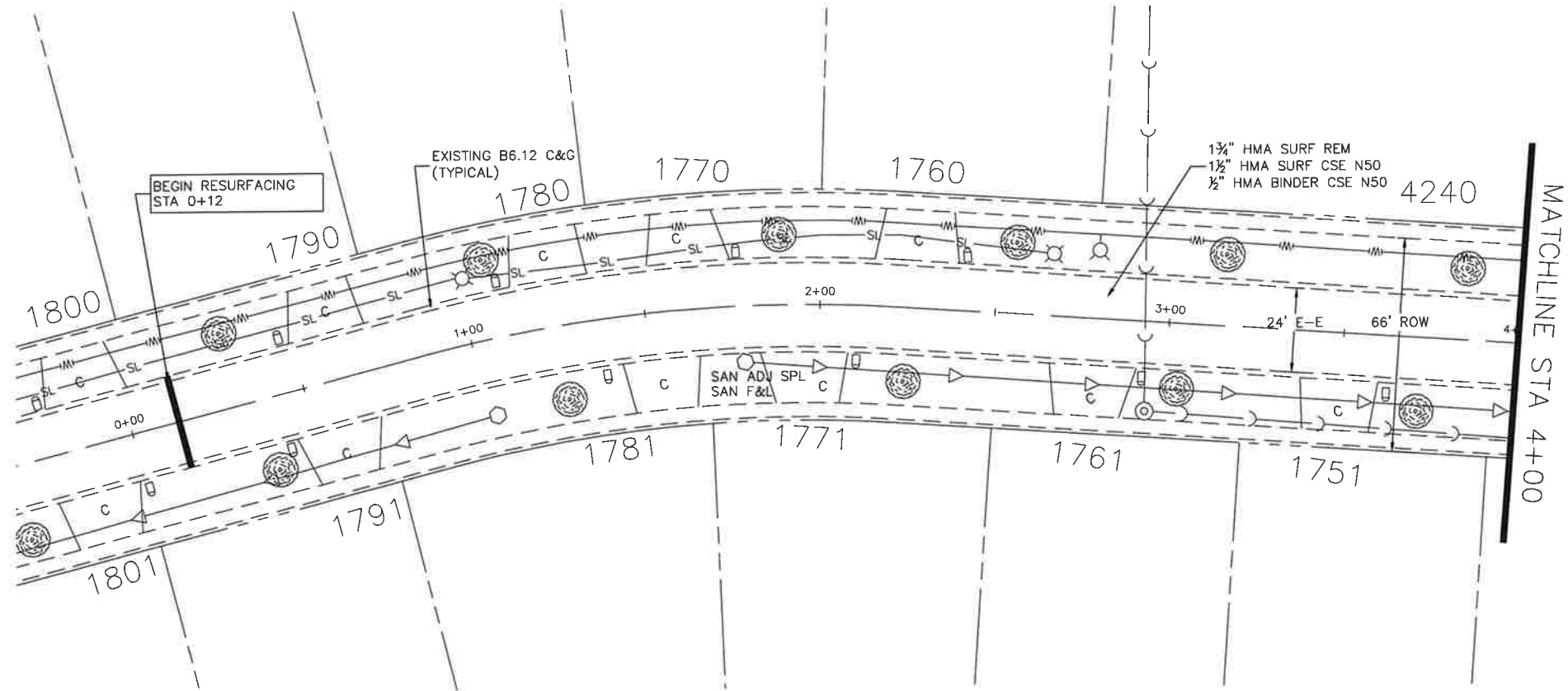


PROFILE	SURVEYED _____	DATE _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____			
NO. _____	GRADES CHECKED _____			
	B.M. NOTED _____			
	STRUCTURE NOTATIONS CHKD _____			

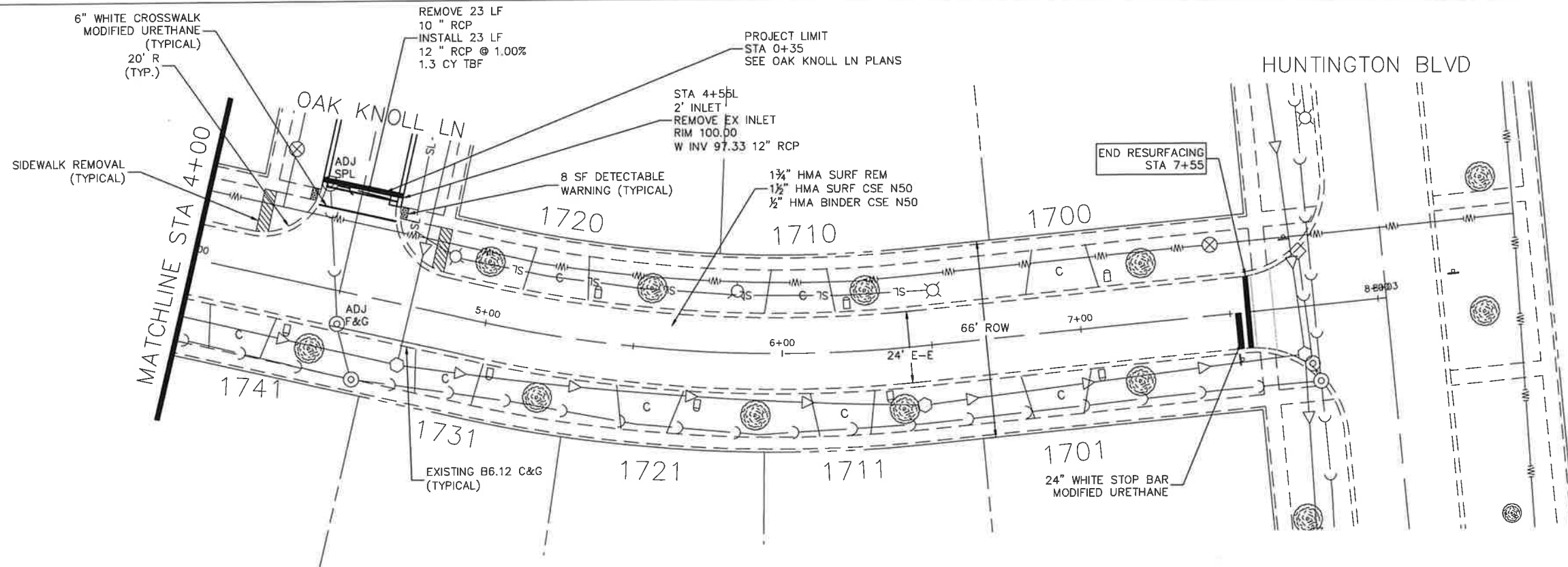


FILE NAME = Chesapeake Dr.dwg		DESIGNED - LMO	REVISED - 11/05/2025		VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Chesapeake Drive			SECTION		COUNTY	SHEETS	NO.
		DRAWN - LMO	REVISED - 11/24/2025			25-00119-00-RS		Cook	104	30			
		CHECKED - AJW	REVISED -										
		DATE - 02/20/25	REVISED -										
						SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA. 8+50 TO STA 10+84	ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
NOTE BOOK	NOTES		
	ADJUSTED		
	BY		
	NO.		



PROFILE	SURVEYED	DATE	BY
NOTE BOOK	NOTES		
	ADJUSTED		
	BY		
	NO.		



FILE NAME =
Cottonwood Trl W.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 11/11/2024

REVISED - 11/05/2025
REVISED - 11/24/2025
REVISED - 12/29/2025
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

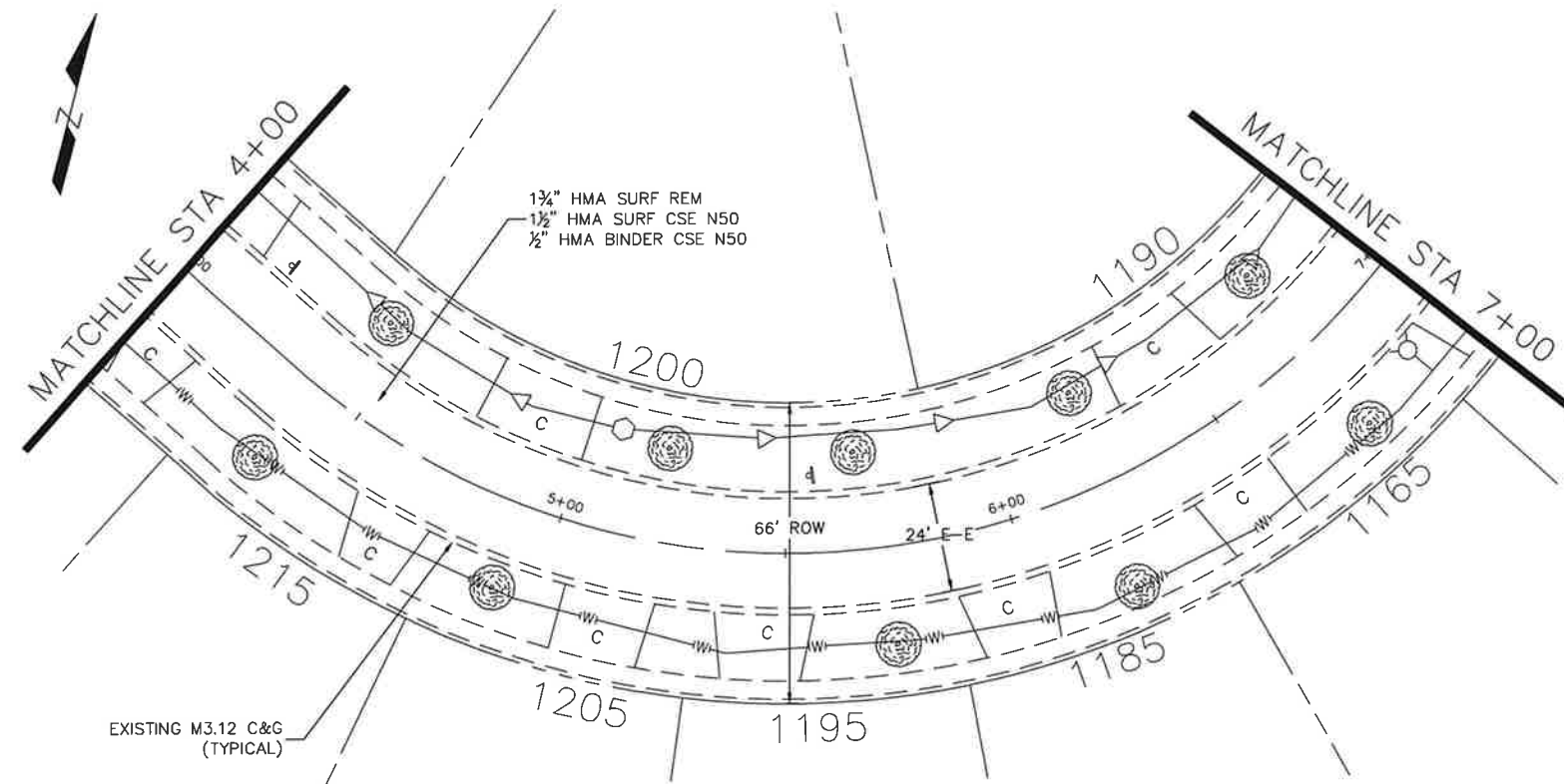
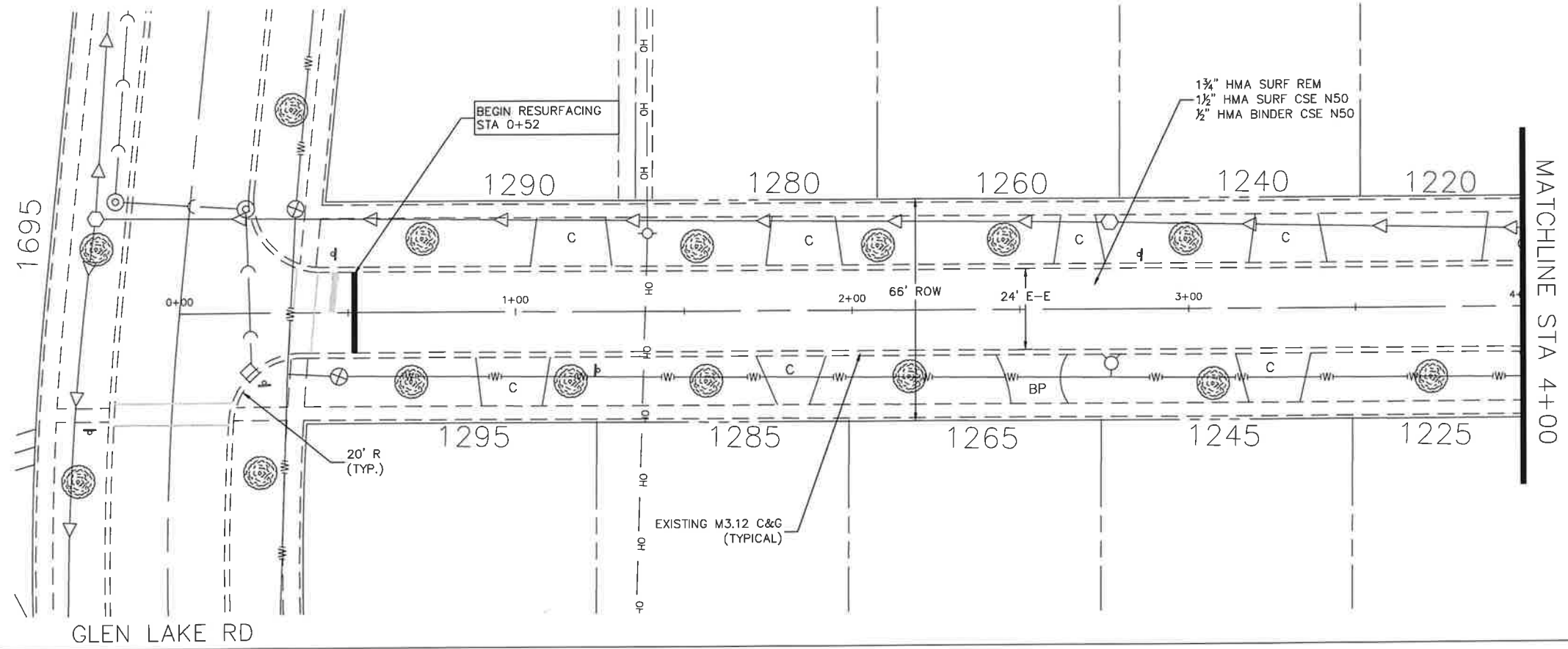
2026 Street Revitalization Project
Cottonwood Trail W

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+12 TO STA 7+55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	31
ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		



FILE NAME =
Glen Ln.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 02/21/2023

REVISED - 11/03/2025
REVISED - 11/24/2025
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

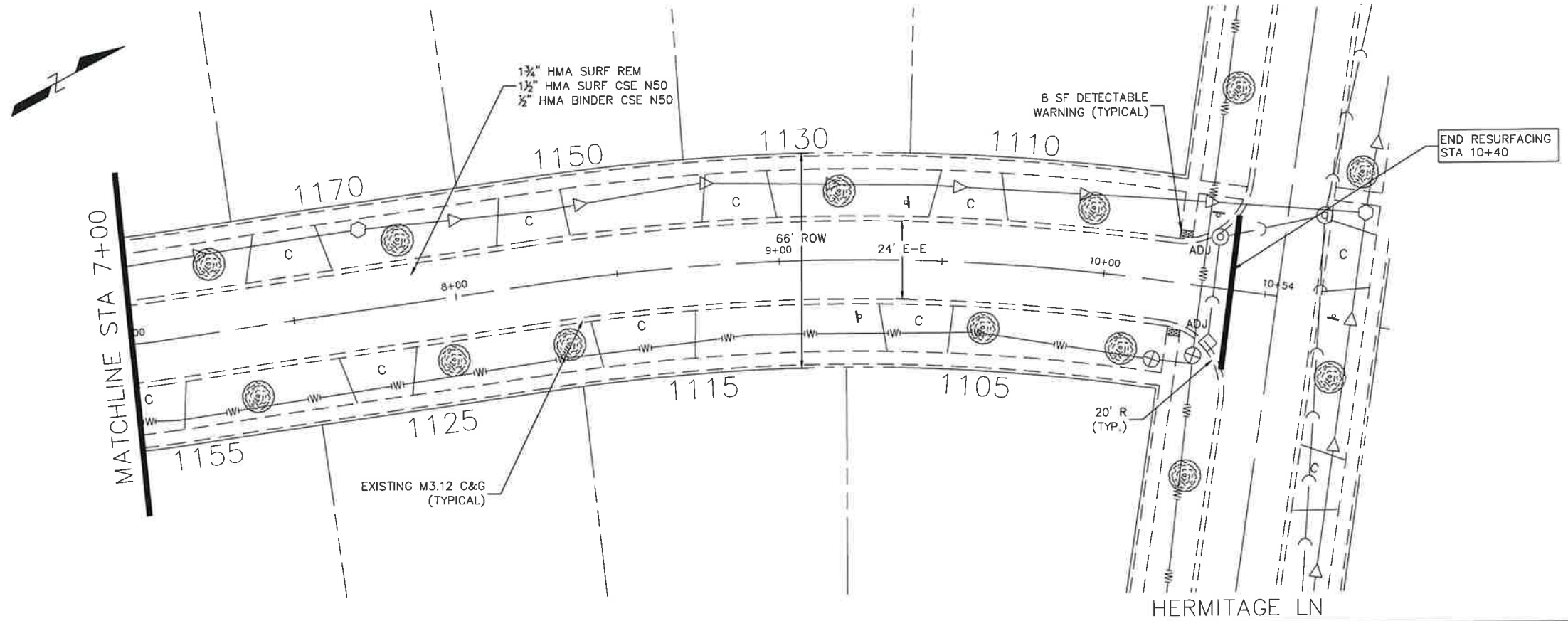
2026 Street Revitalization Project
Glen Lane

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 0+52 TO STA 7+00

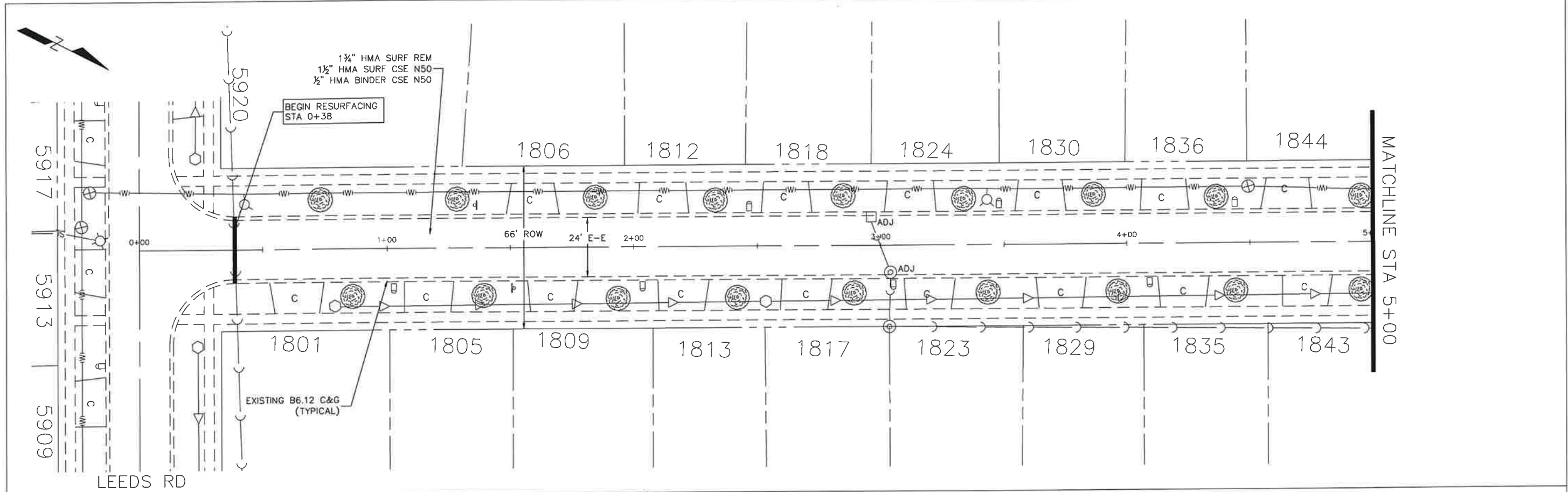
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	32
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTE BOOK	ALIGNMENT CHECKED	
	NO.	ST. OF WAY CHECKED	

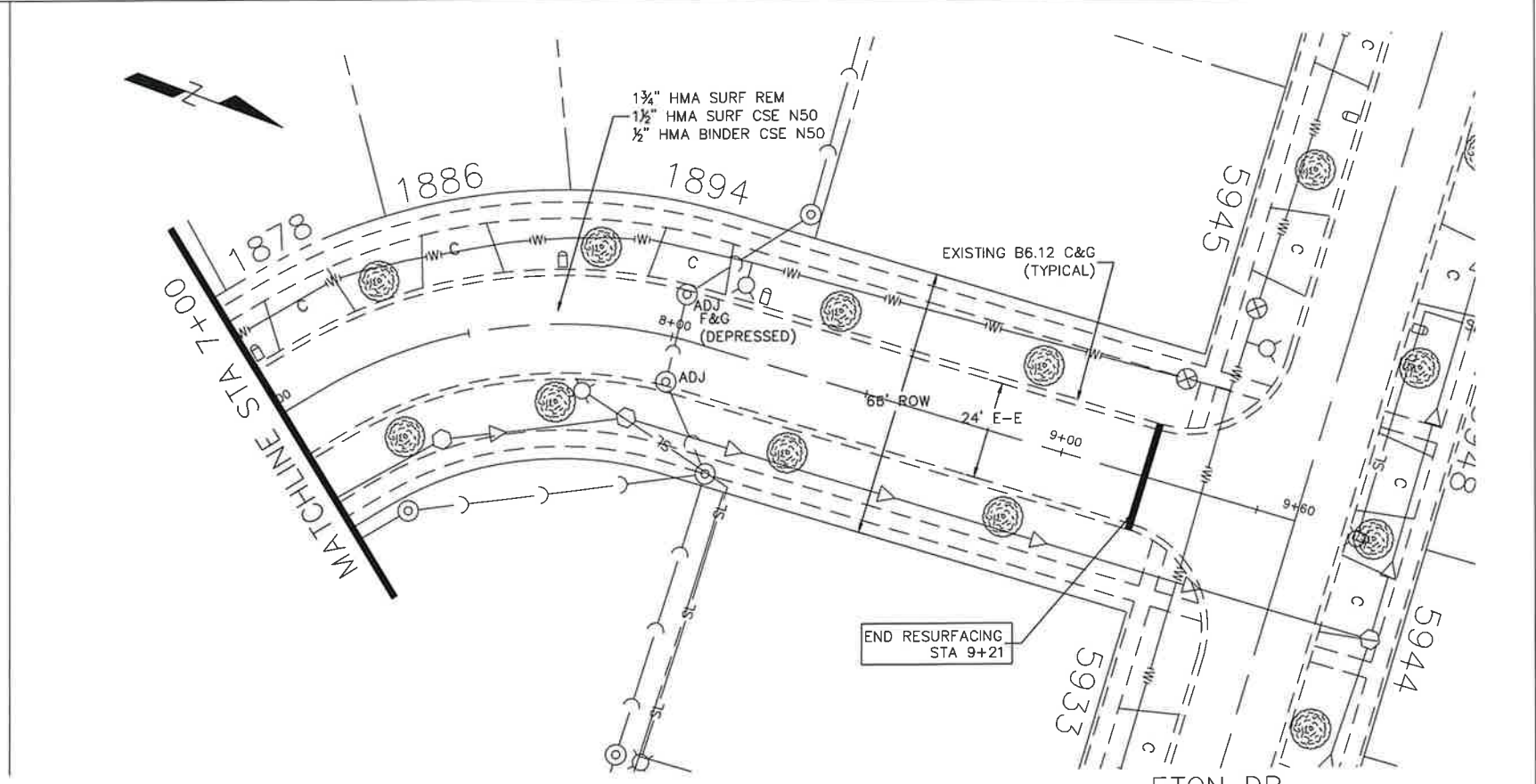
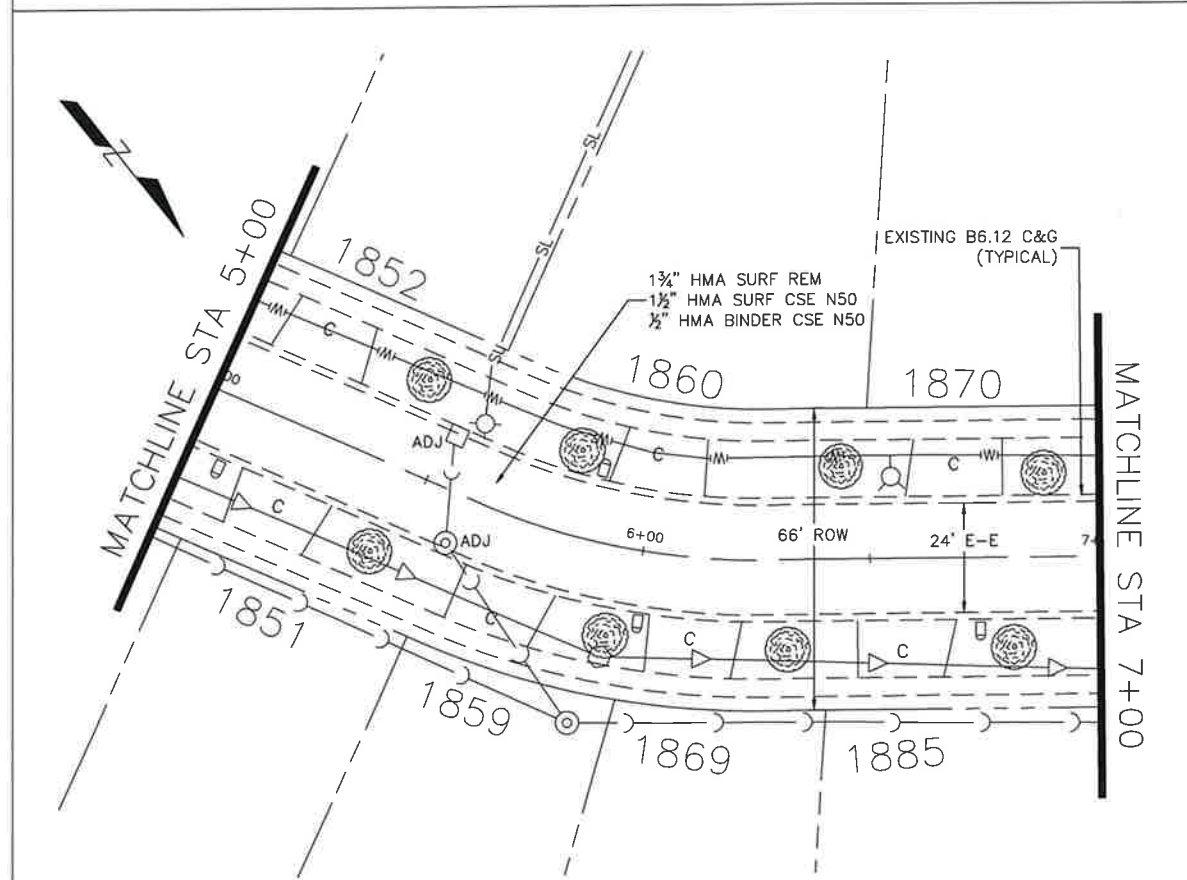
PROFILE	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTE BOOK	STRUCTURE NOTATION	
	NO.	STRUCTURE NOTATION	



PLAN	DRAWN	DATE	BY
NOTE BOOK	CHECKED		
NO.	ST. OF WAY CHECKED		
	DATE		



PROFILE	DRAWN	DATE	BY
NOTE BOOK	CHECKED		
NO.	ST. OF WAY CHECKED		
	DATE		



FILE NAME =
Hampshire Dr.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 11/03/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

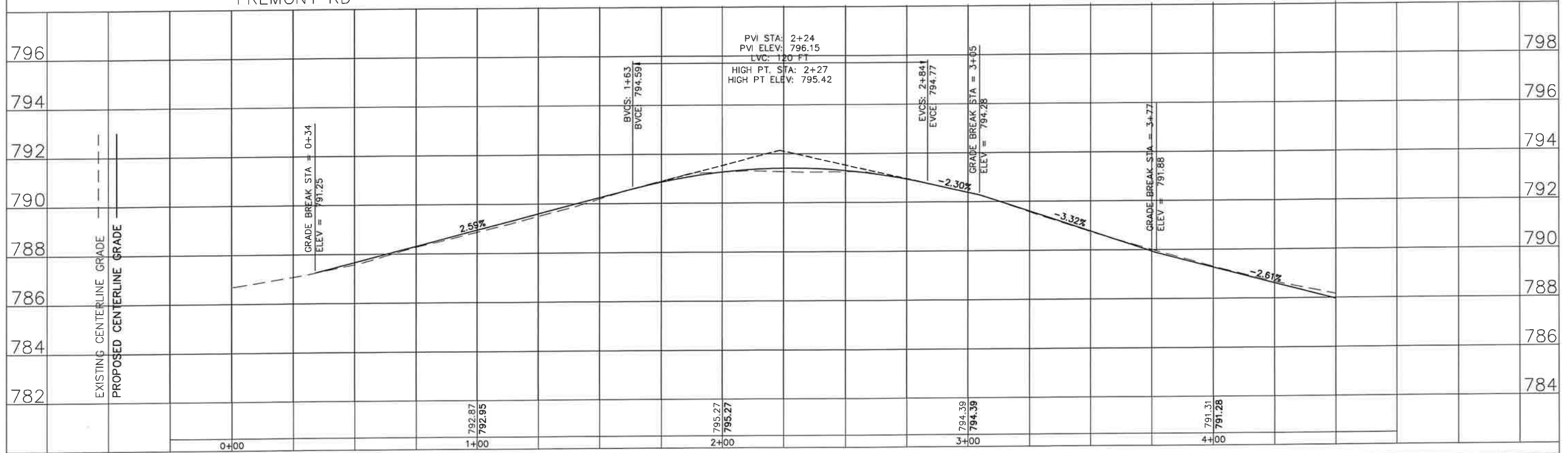
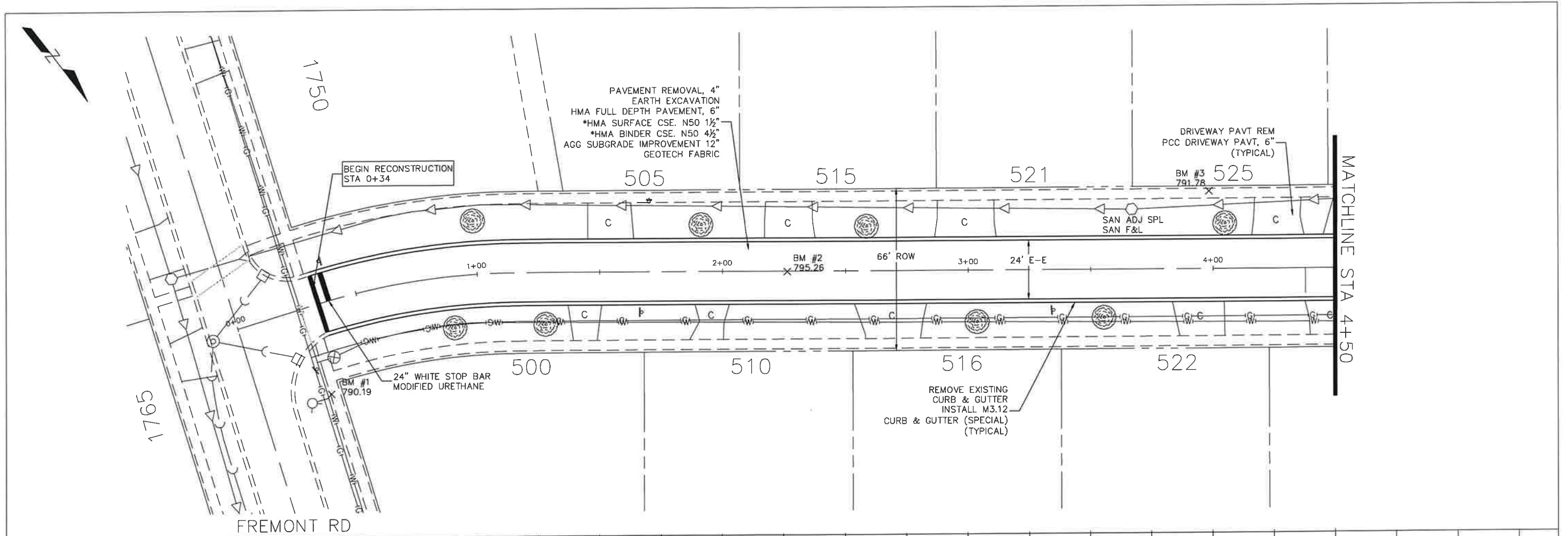
2026 Street Revitalization Project
Hampshire Drive

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+38 TO STA 9+21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	34
ILLINOIS FED. AID PROJECT				

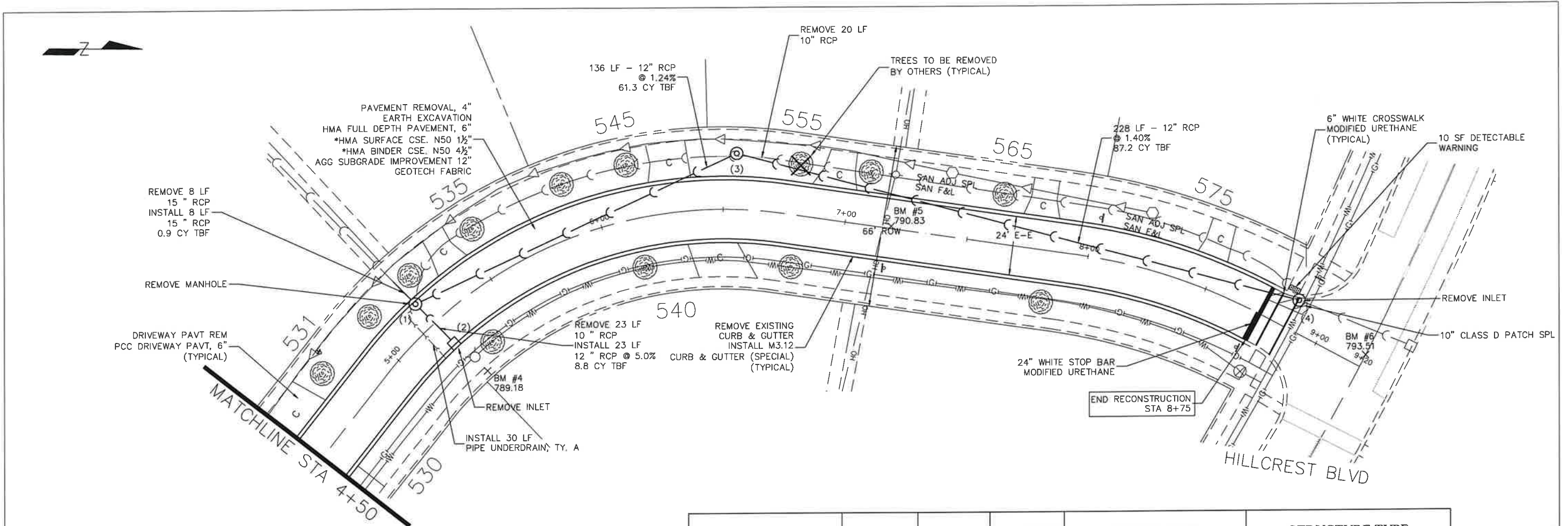
PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTE BOOK	DATE	BY
	NO.	DATE	BY

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

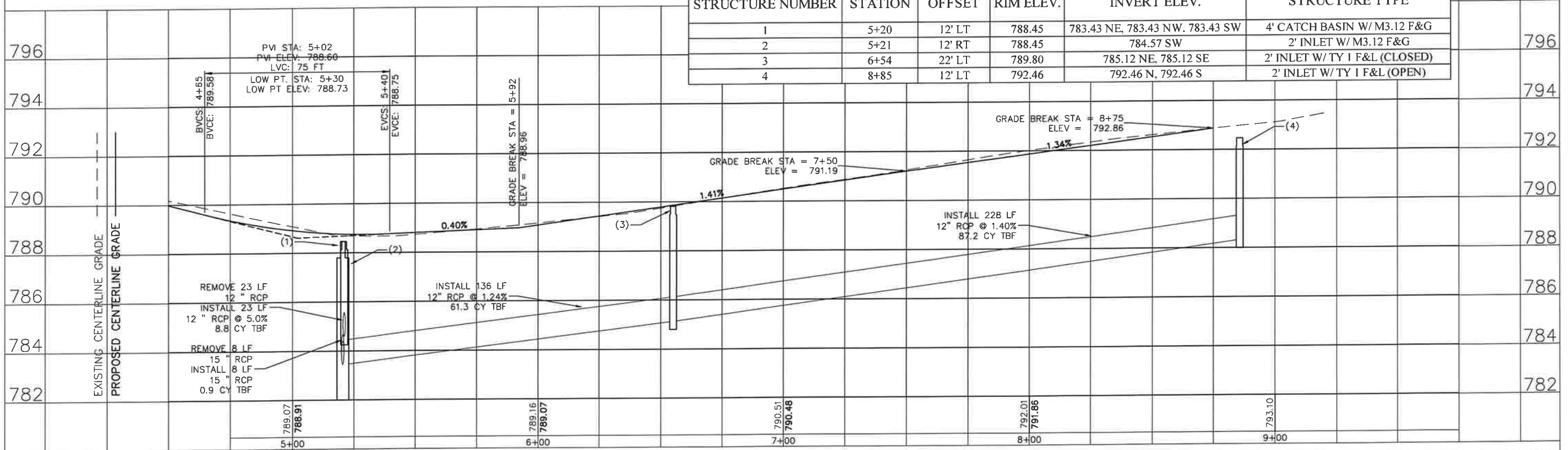


PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	NO.		

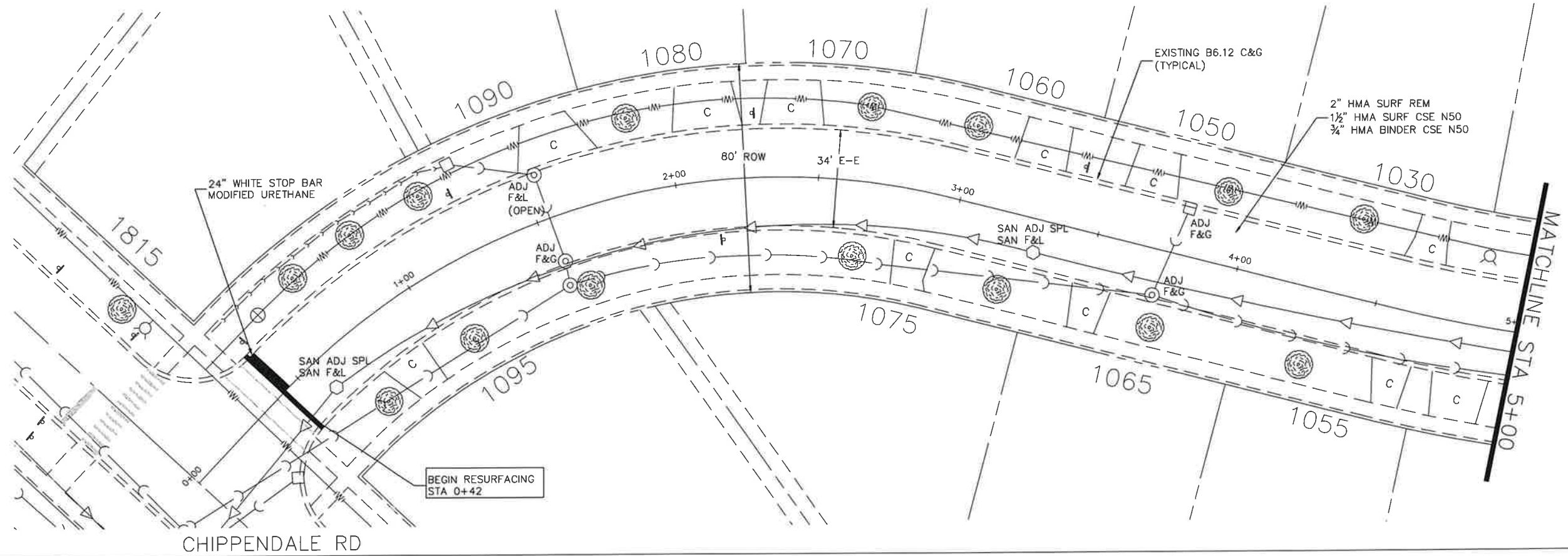
PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	NO.		



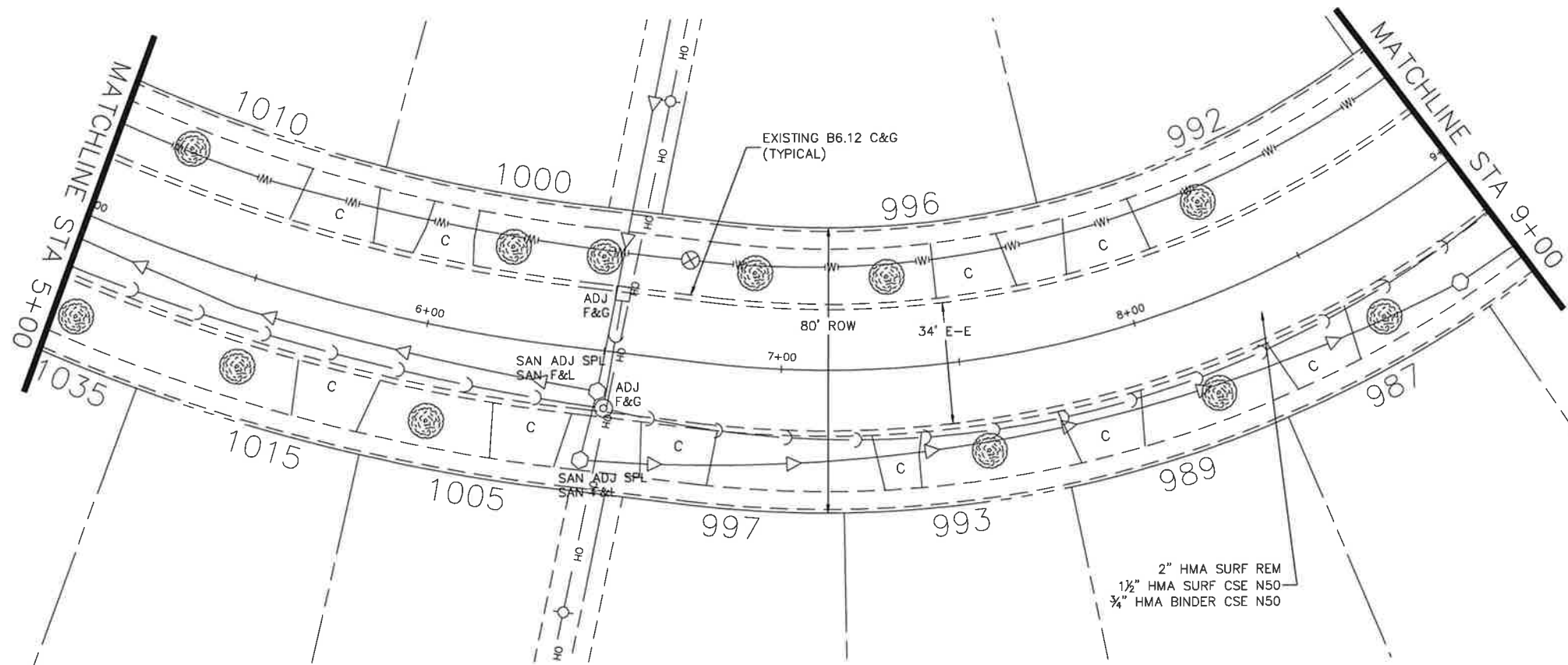
STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
1	5+20	12' LT	788.45	783.43 NE, 783.43 NW, 783.43 SW	4' CATCH BASIN W/ M3.12 F&G
2	5+21	12' RT	788.45	784.57 SW	2' INLET W/ M3.12 F&G
3	6+54	22' LT	789.80	785.12 NE, 785.12 SE	2' INLET W/ TY 1 F&L (CLOSED)
4	8+85	12' LT	792.46	792.46 N, 792.46 S	2' INLET W/ TY 1 F&L (OPEN)



PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	ST. OF WAY CHECKED		
	NO.		
	PROFILE NAME		



PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	ST. OF WAY CHECKED		
	NO.		
	STRUCTURE NOTATIONS CHD		



FILE NAME =
Hillcrest Blvd.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 02/20/2023

REVISED - 11/03/2025
REVISED - 11/25/2025
REVISED -
REVISED -



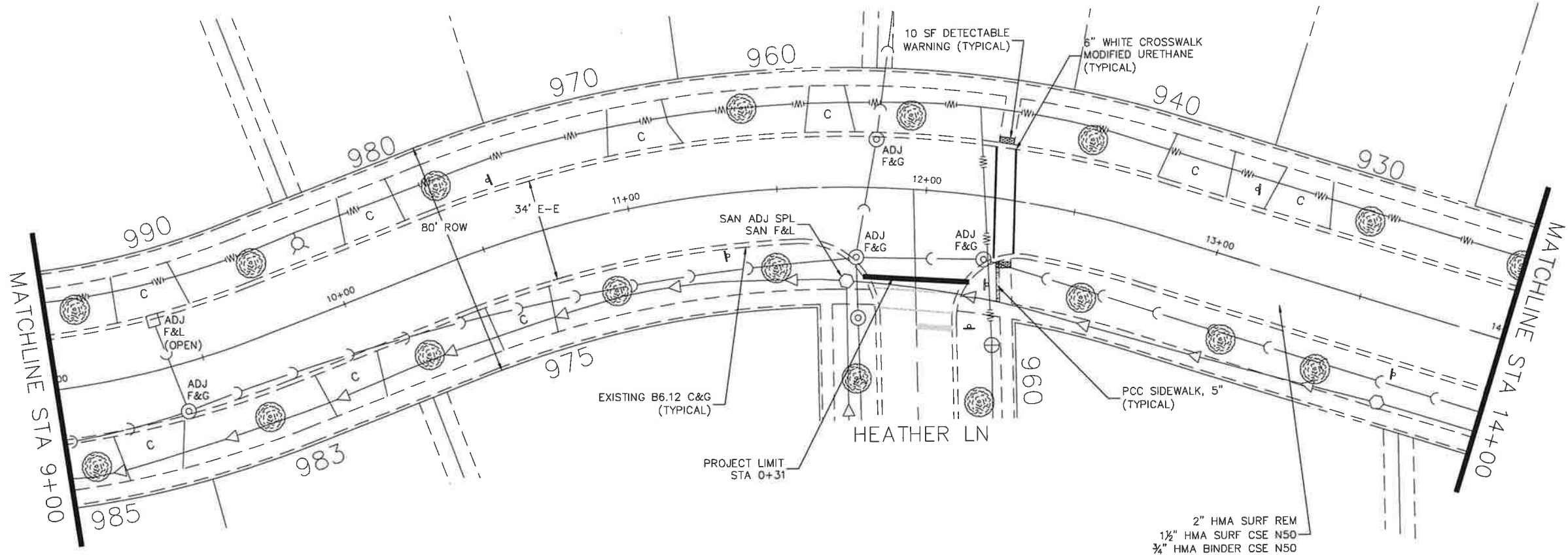
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Hillcrest Boulevard

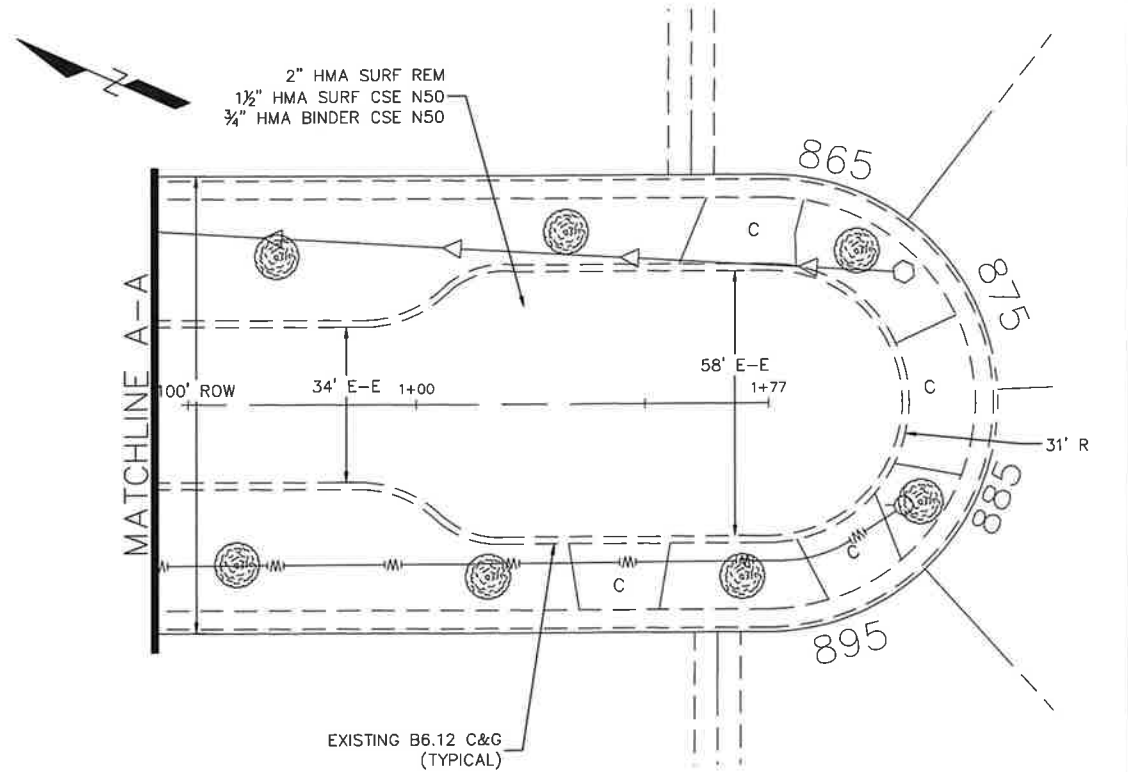
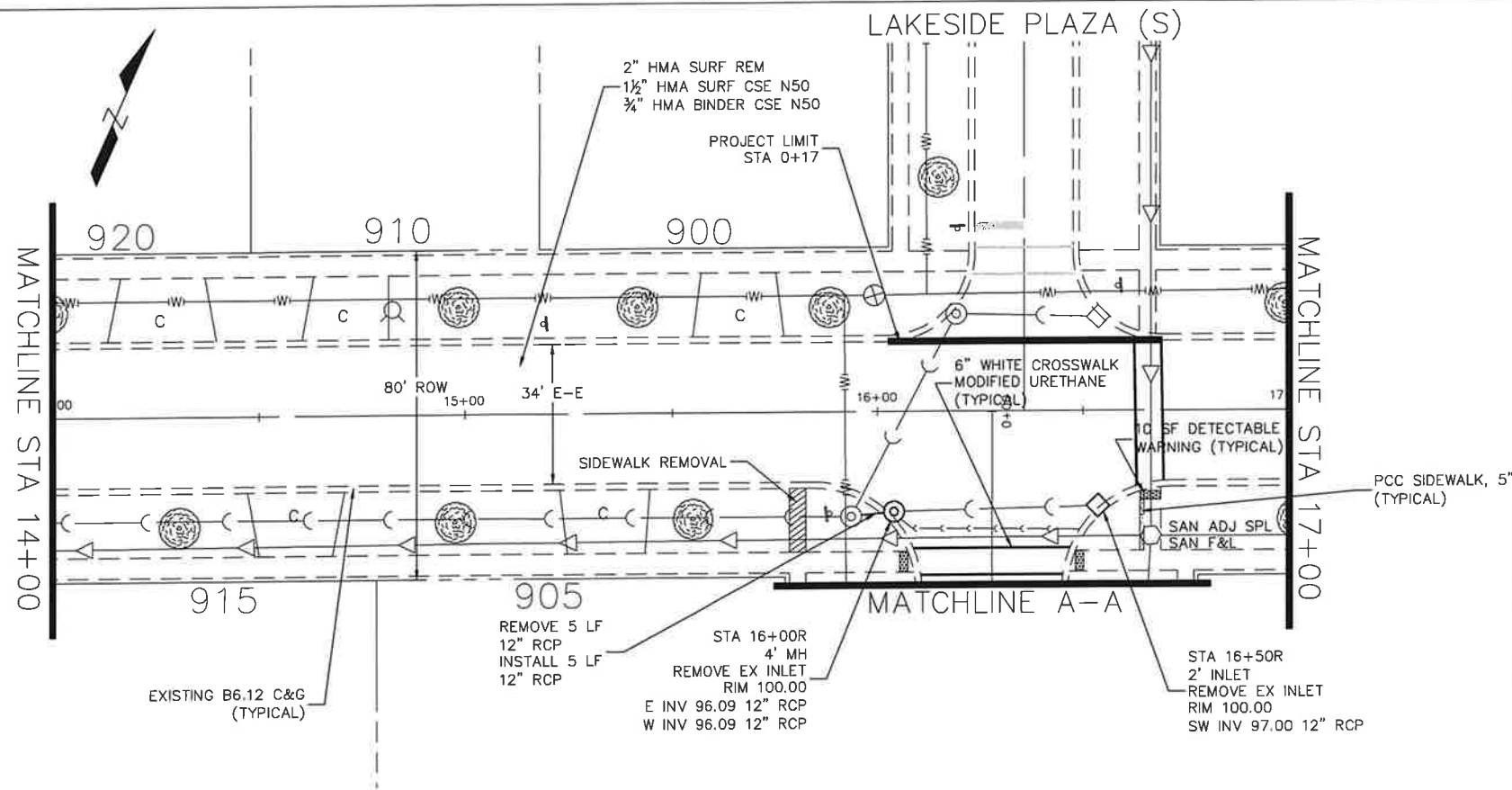
SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 0+42 TO STA 9+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	37
ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY	DATE	BY	DATE
DESIGNED - DSG					
DRAWN - DSG					
CHECKED - AJW					
DATE - 02/20/2023					



PROFILE	DATE	BY	DATE	BY	DATE
DESIGNED - DSG					
DRAWN - DSG					
CHECKED - AJW					
DATE - 02/20/2023					



FILE NAME -
Hillcrest Blvd.dwg

DESIGNED - DSG	REVISED - 11/03/2025
DRAWN - DSG	REVISED - 11/25/2025
CHECKED - AJW	REVISED -
DATE - 02/20/2023	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

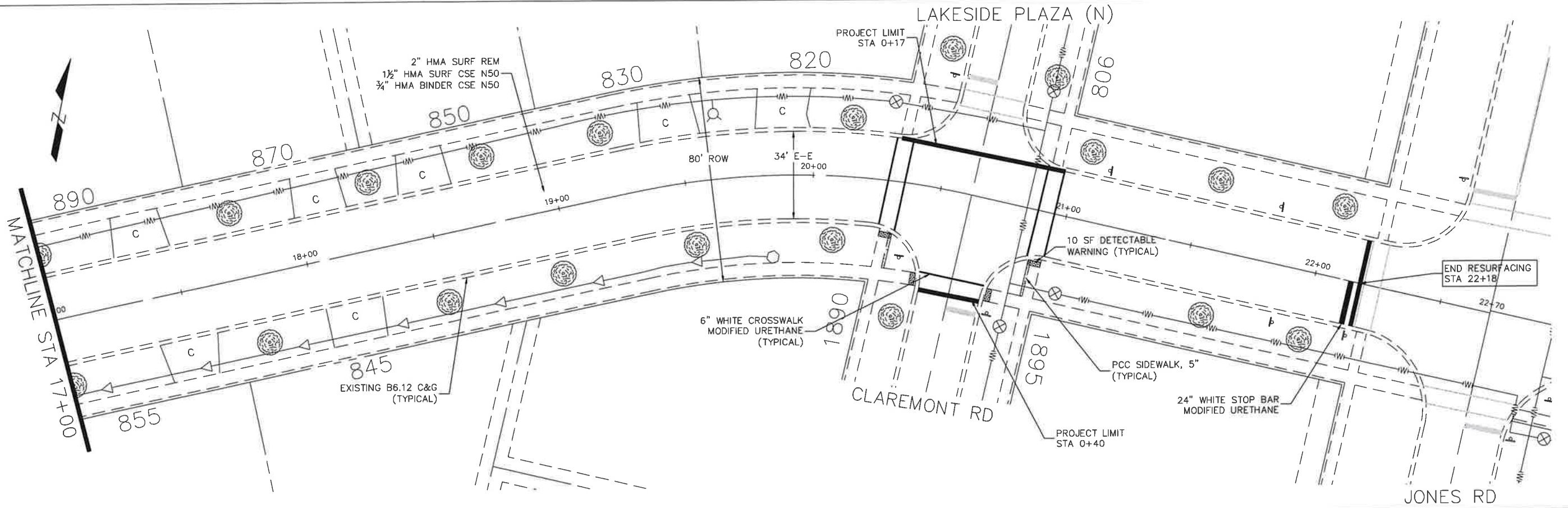
2026 Street Revitalization Project
Hillcrest Boulevard

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 9+00 TO STA 17+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	38
ILLINOIS FED. AID PROJECT				

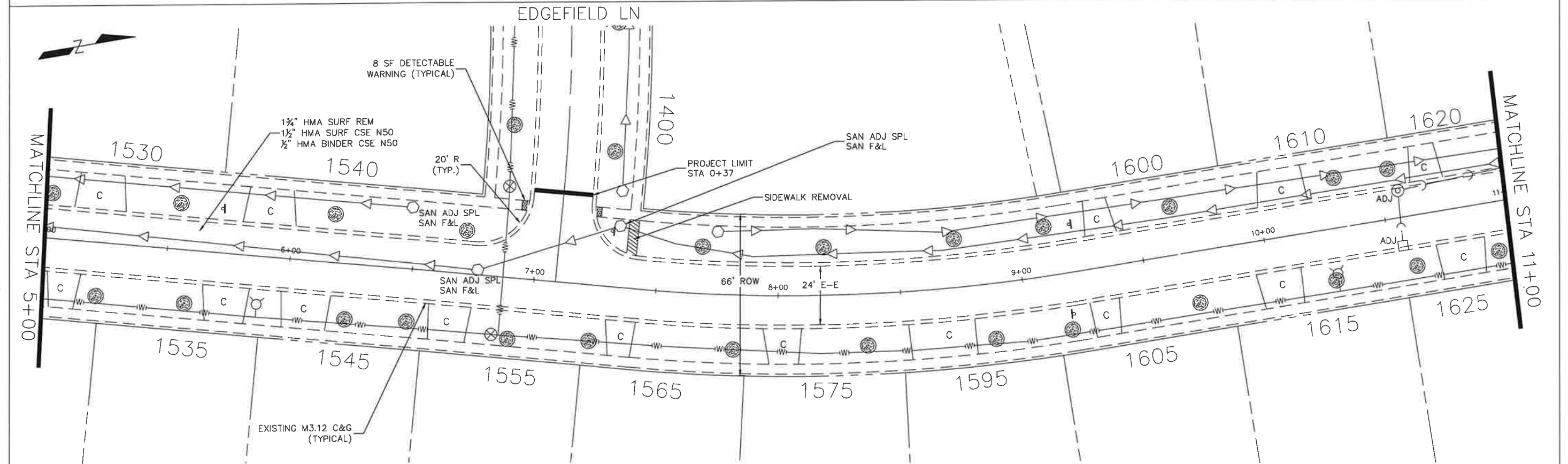
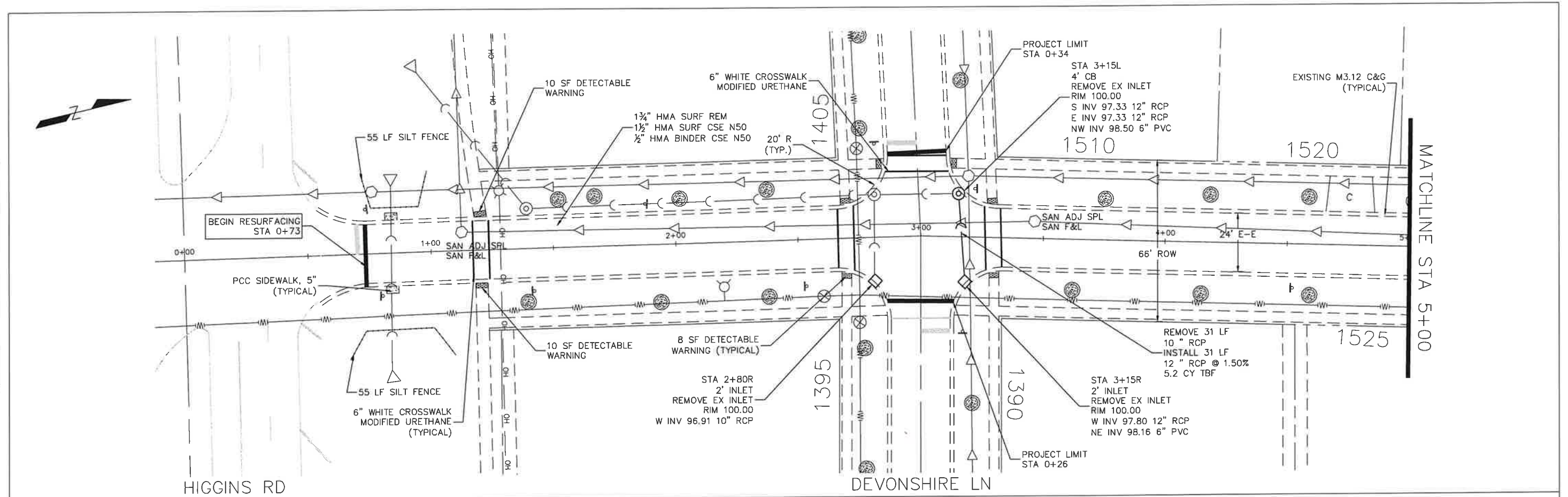
PLAN	SURVEYED	DATE	BY
NOTE BOOK	NO.		
ALIGNED CHECKED	PT. OF WAY CHECKED		
NO.	DATE		

PROFILE	SURVEYED	DATE	BY
NOTE BOOK	NO.		
ALIGNED CHECKED	PT. OF WAY CHECKED		
NO.	DATE		

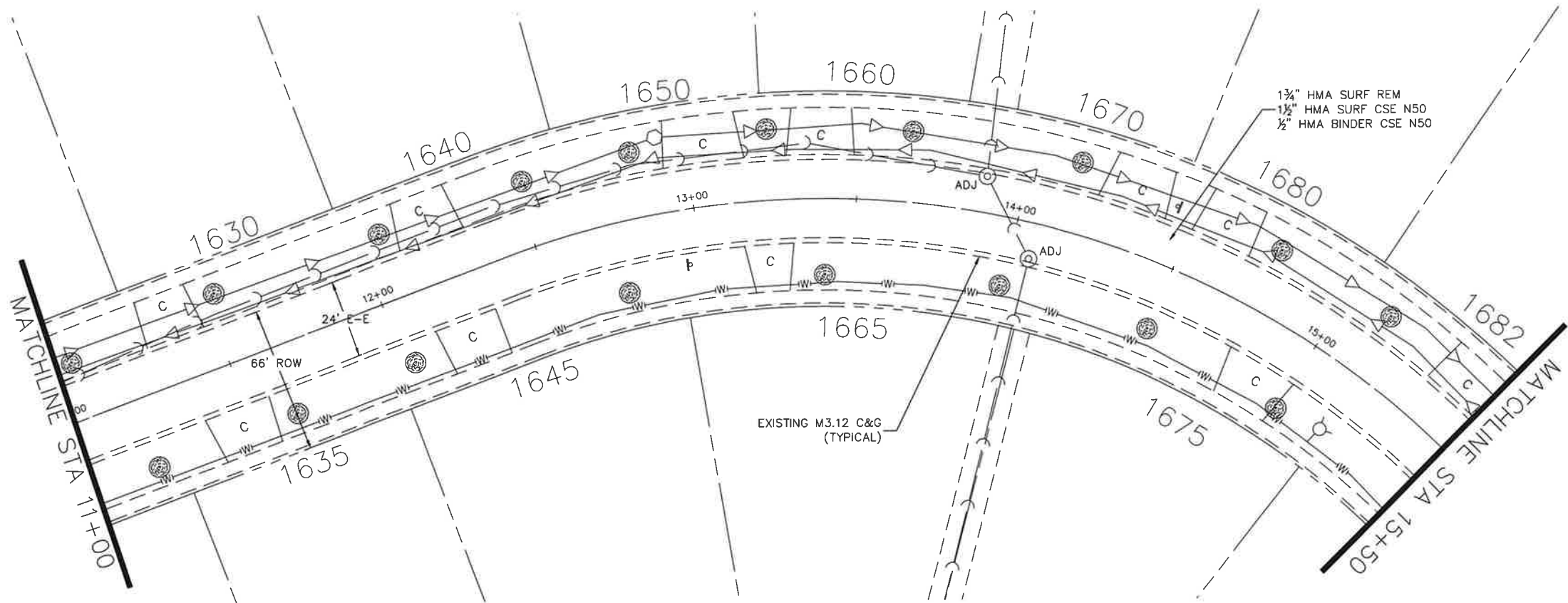


PLAN	SURVEYED	DATE	BY
NOTE BOOK	NOTES		
NO.	ST. OF WAY CHECKED		
	DATE		

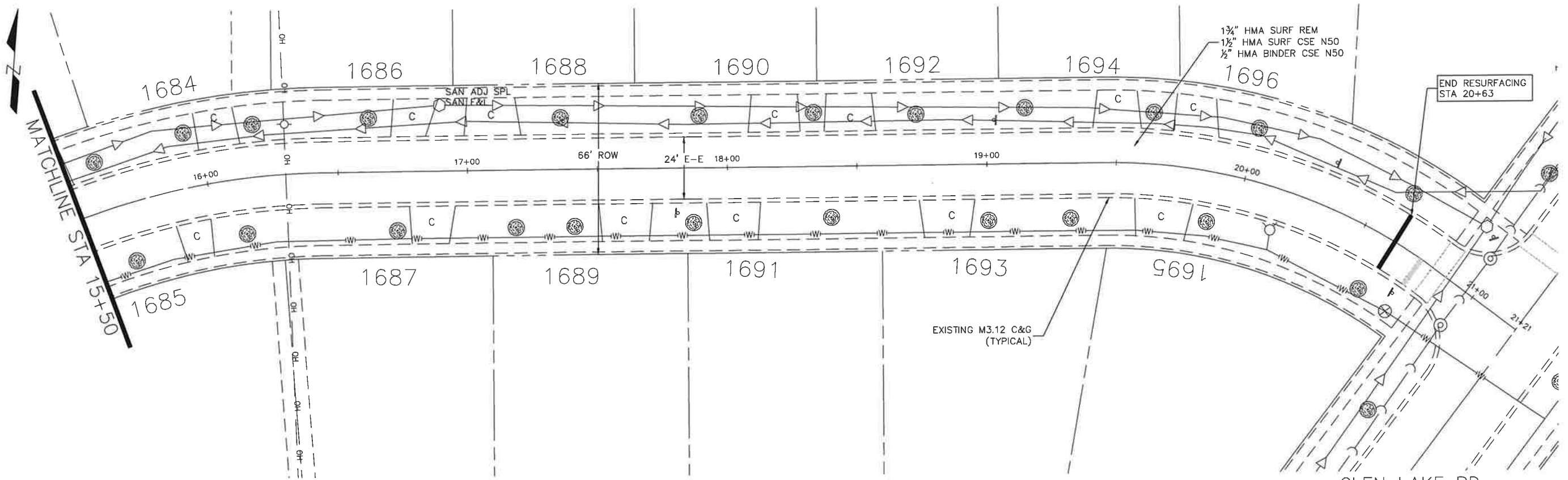
PROFILE	SURVEYED	DATE	BY
NOTE BOOK	NOTES		
NO.	ST. OF WAY CHECKED		
	DATE		



PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	DATE		
	NO.		



PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	DATE		
	NO.		



FILE NAME =
Kingsdale Rd.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/30/24

REVISED - 11/05/2025
REVISED - 11/25/2025
REVISED -
REVISED -



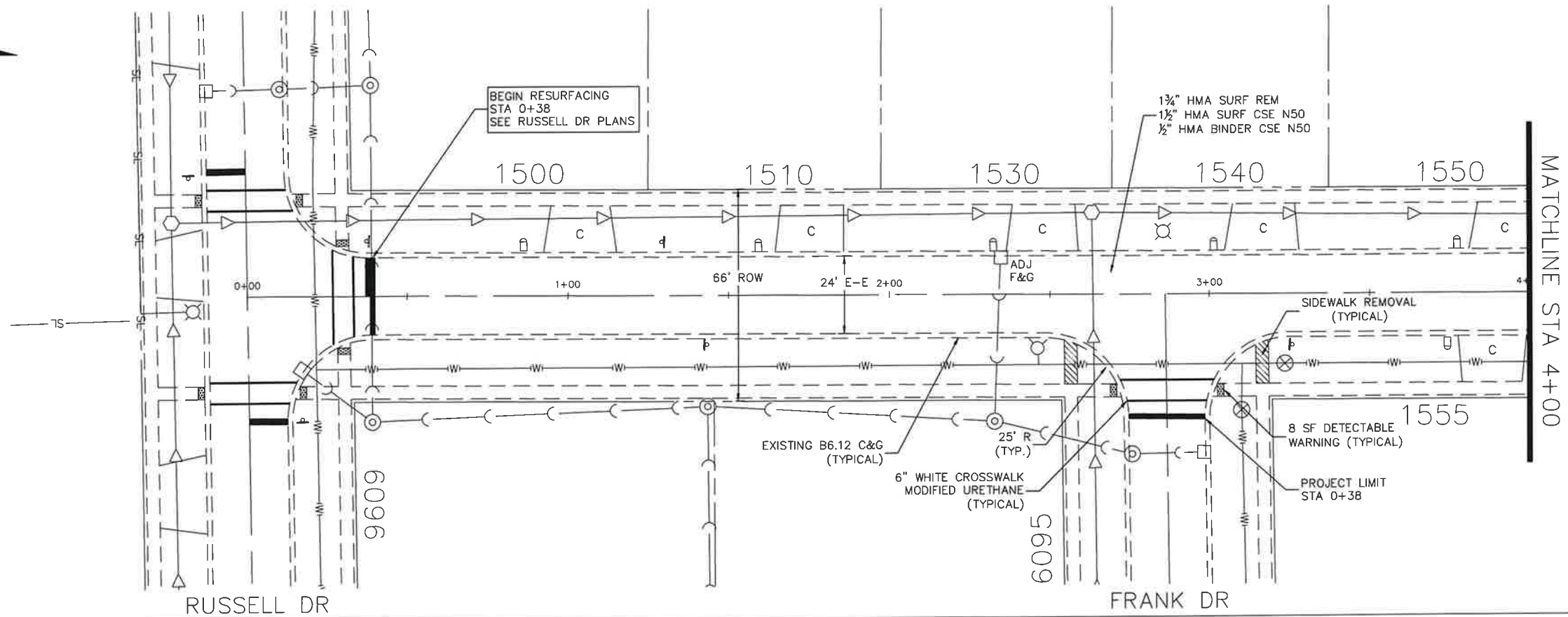
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Kingsdale Road

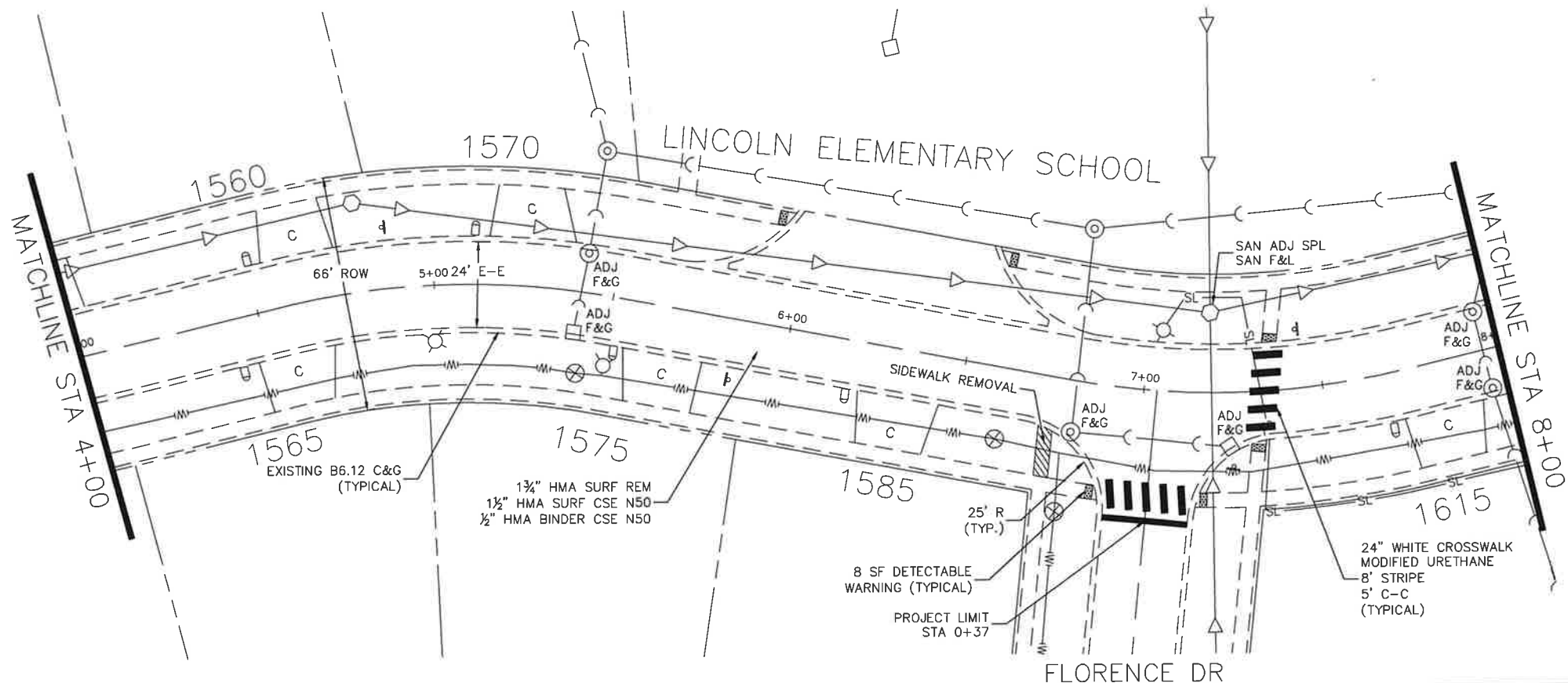
SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 11+00 TO STA 20+63

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	41
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	NO.		



PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	BY		
	NO.		



FILE NAME =
Maureen Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/31/24

REVISED - 11/03/2025
REVISED - 11/26/2025
REVISED -
REVISED -



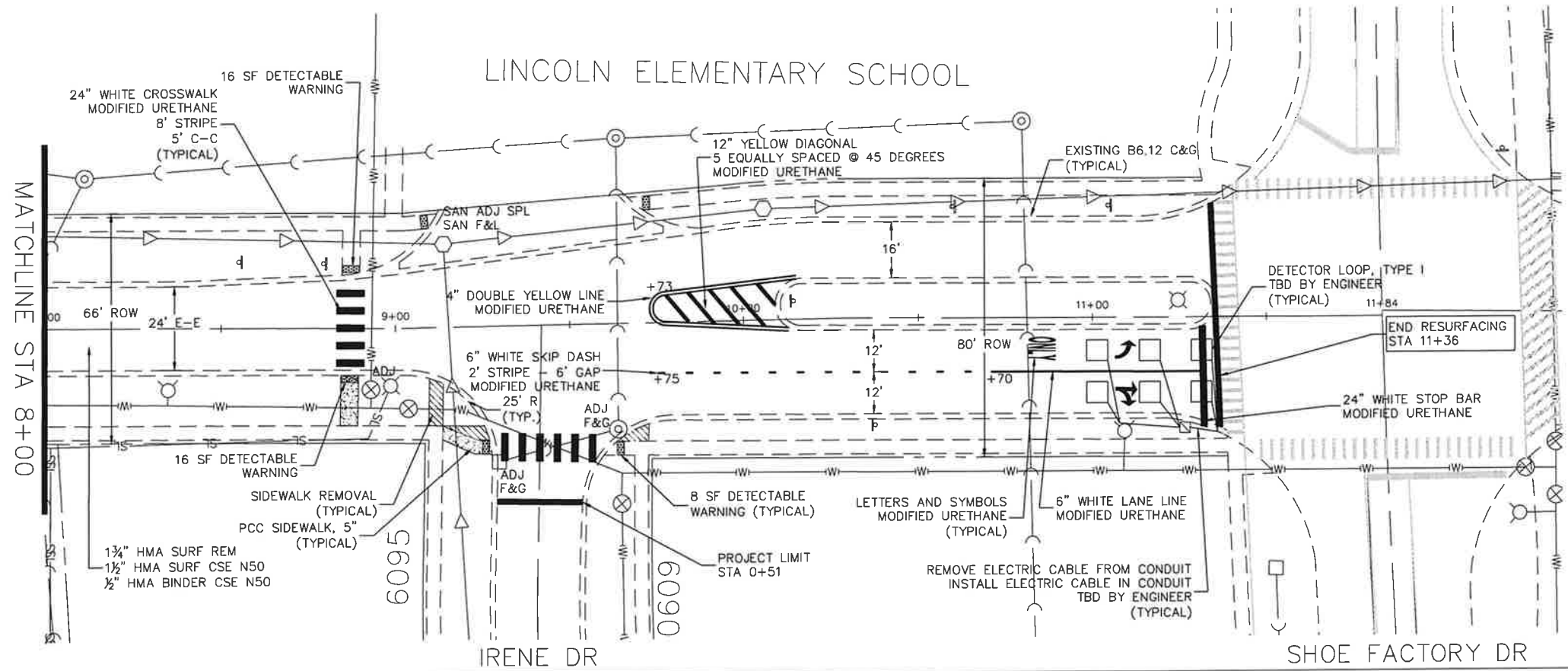
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Maureen Drive
SCALE: 1" = 20'
SHEET NO. 1 OF 2 SHEETS
STA. 0+38 TO STA 8+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	42
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
NOTE BOOK	NO.		
ALIGNMENT CHECKED			
ST. OF WAY CHECKED			
PROFILE NAME			

PROFILE	SURVEYED	DATE	BY
NOTE BOOK	NO.		
CHANGES CHECKED			
P.M. NOTED			
STRUCTURE NOTATIONS CH'KD			



FILE NAME =
Maureen Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/31/24

REVISED - 11/03/2025
REVISED - 11/26/2025
REVISED -
REVISED -

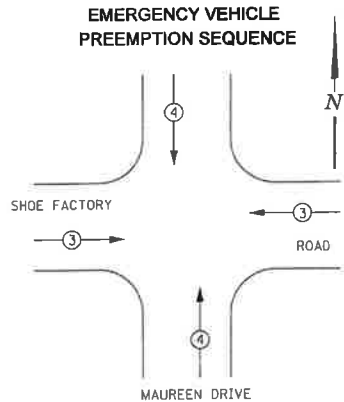
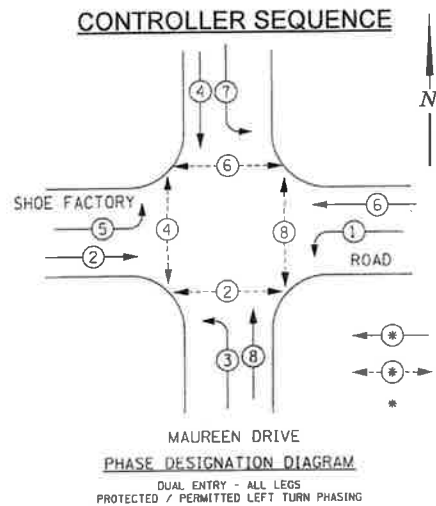


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Maureen Drive

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 8+00 TO STA 11+36

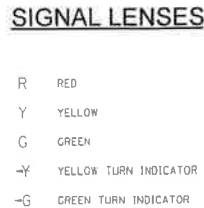
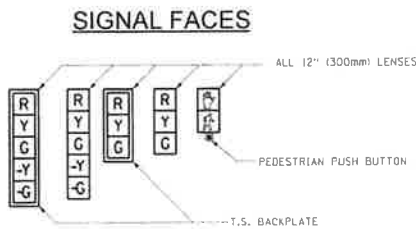
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	43
ILLINOIS FED. AID PROJECT				



PROPOSED EMERGENCY VEHICLE PREEMPTOR	3	4
EMERGENCY VEHICLE PREEMPTOR		
MOVEMENT		

NOTE:

- THIS IS A SYSTEM GROUND THAT SHALL INTERCONNECT ALL GROUND RODS WITH NO. 6 IC SOLID COPPER AWG.
- THE NEUTRAL AND GROUND SHALL BE TIED AT THE SERVICE INSTALLATION, BUT SHALL BE SEPARATED AT THE TRAFFIC SIGNAL CABINET.



CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
8" (200mm) TRAFFIC SIGNAL SECTION		
12" (300mm) TRAFFIC SIGNAL SECTION		
12" (300mm) PEDESTRIAN SIGNAL SECTION		
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.		
TELEPHONE INSTALLATION		
VEHICLE DETECTOR, INDUCTION LOOP		
SHIELDED & TWISTED		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
OPTICOM CABLE, NO. 20		
12" (300mm) PEDESTRIAN SIGNAL HEAD		
PUSHBUTTON DETECTOR		
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.		
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (DH), CONTROLLER (C), SERVICE (S), POST (P), OR MAST ARM POLE (MA).		

NOTE:

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.

PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.

PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

SHOE FACTORY

ROAD

MAUREEN DRIVE

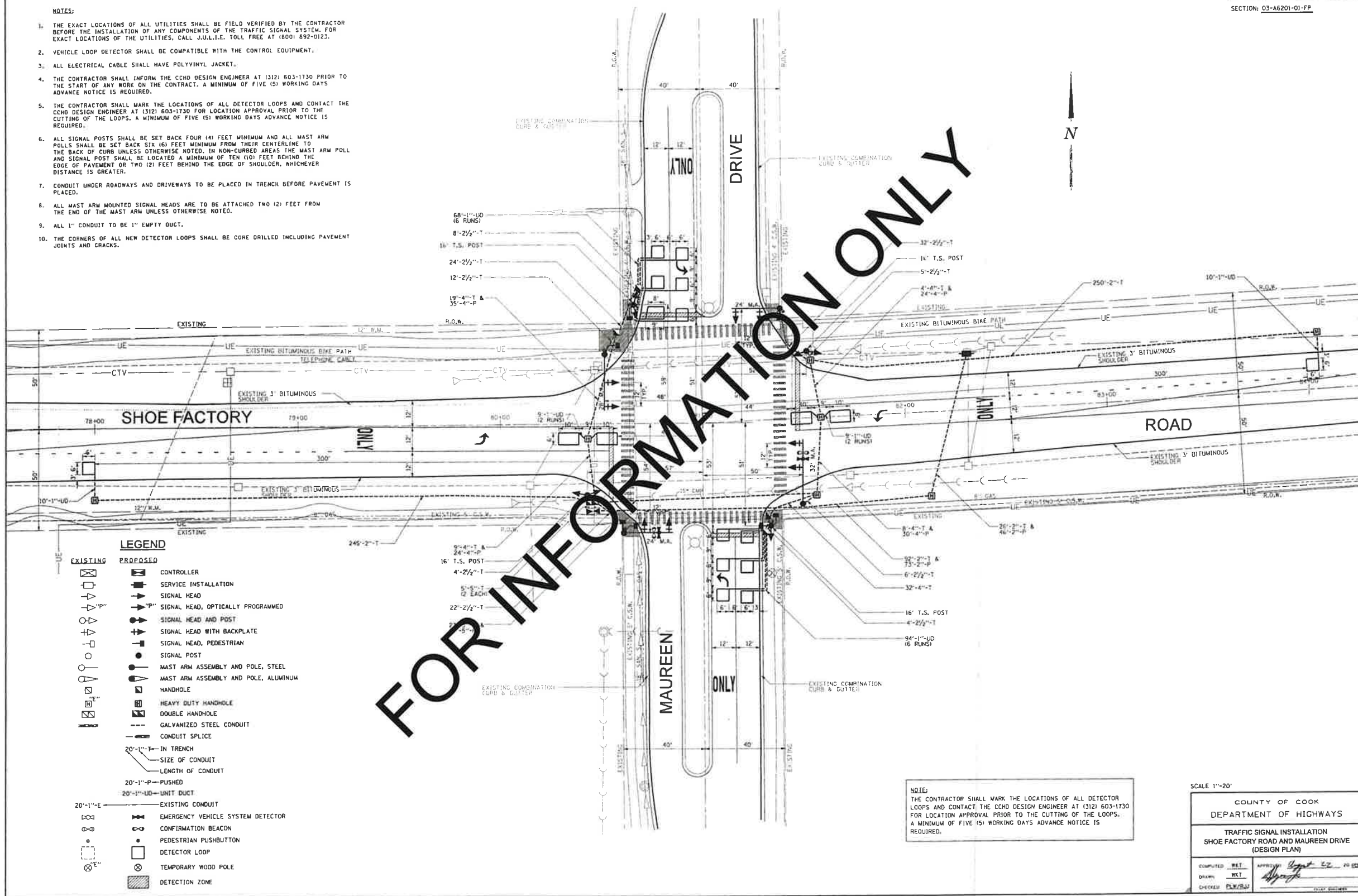
CABLE PLAN

NOT TO SCALE

COUNTY OF COOK	
DEPARTMENT OF HIGHWAYS	
TRAFFIC SIGNAL INSTALLATION	
SHOE FACTORY ROAD AND MAUREEN DRIVE	
(CABLE PLAN)	
COMPUTED BY	APPROVED
DRAWN	
CHECKED	

NOTES:

1. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR EXACT LOCATIONS OF THE UTILITIES, CALL J.U.L.I.E. TOLL FREE AT (800) 892-0123.
2. VEHICLE LOOP DETECTOR SHALL BE COMPATIBLE WITH THE CONTROL EQUIPMENT.
3. ALL ELECTRICAL CABLE SHALL HAVE POLYVINYL JACKET.
4. THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
5. THE CONTRACTOR SHALL MARK THE LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
6. ALL SIGNAL POSTS SHALL BE SET BACK FOUR (4) FEET MINIMUM AND ALL MAST ARM POLLS SHALL BE SET BACK SIX (6) FEET MINIMUM FROM THEIR CENTERLINE TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS THE MAST ARM POLL AND SIGNAL POST SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
7. CONDUIT UNDER ROADWAYS AND DRIVEWAYS TO BE PLACED IN TRENCH BEFORE PAVEMENT IS PLACED.
8. ALL MAST ARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED TWO (2) FEET FROM THE END OF THE MAST ARM UNLESS OTHERWISE NOTED.
9. ALL 1" CONDUIT TO BE 1" EMPTY DUCT.
10. THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED INCLUDING PAVEMENT JOINTS AND CRACKS.



LEGEND

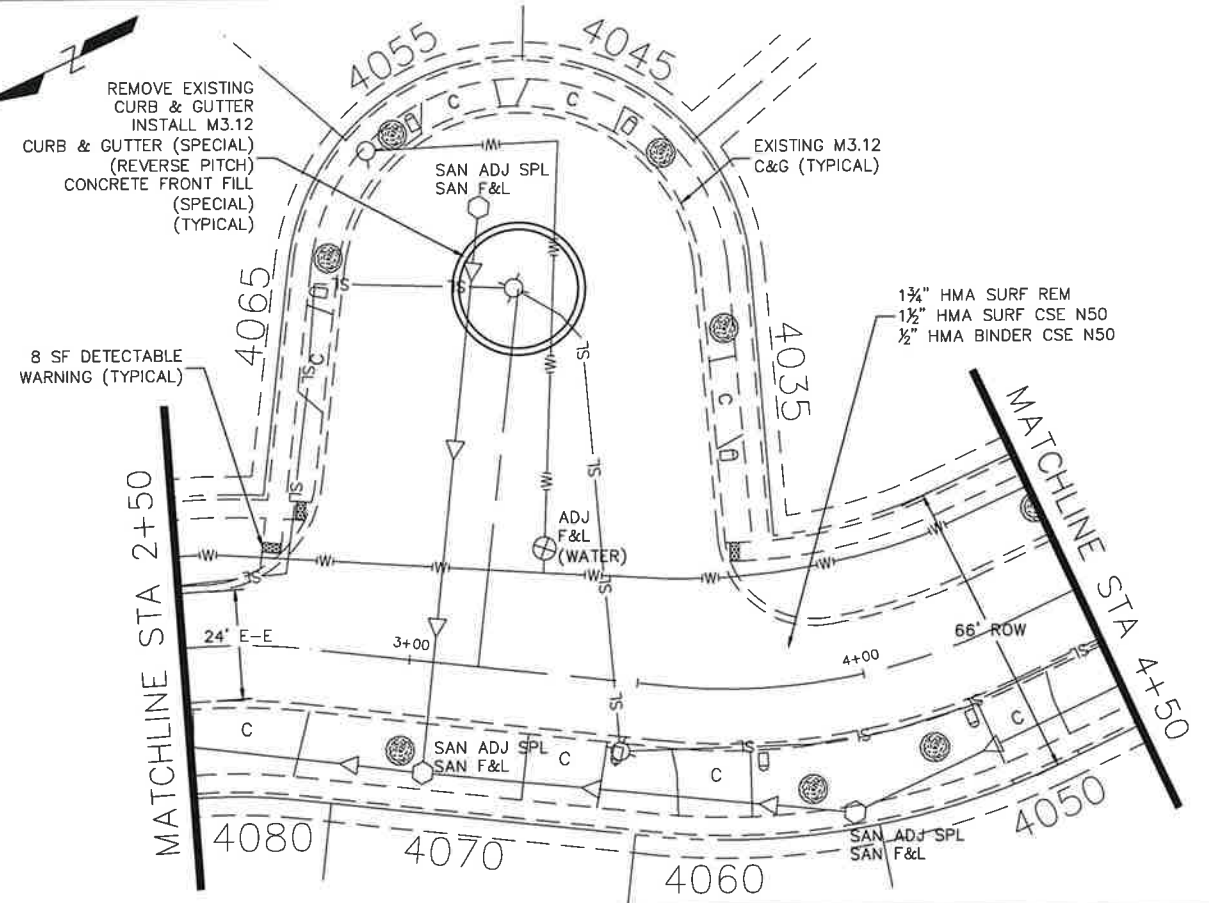
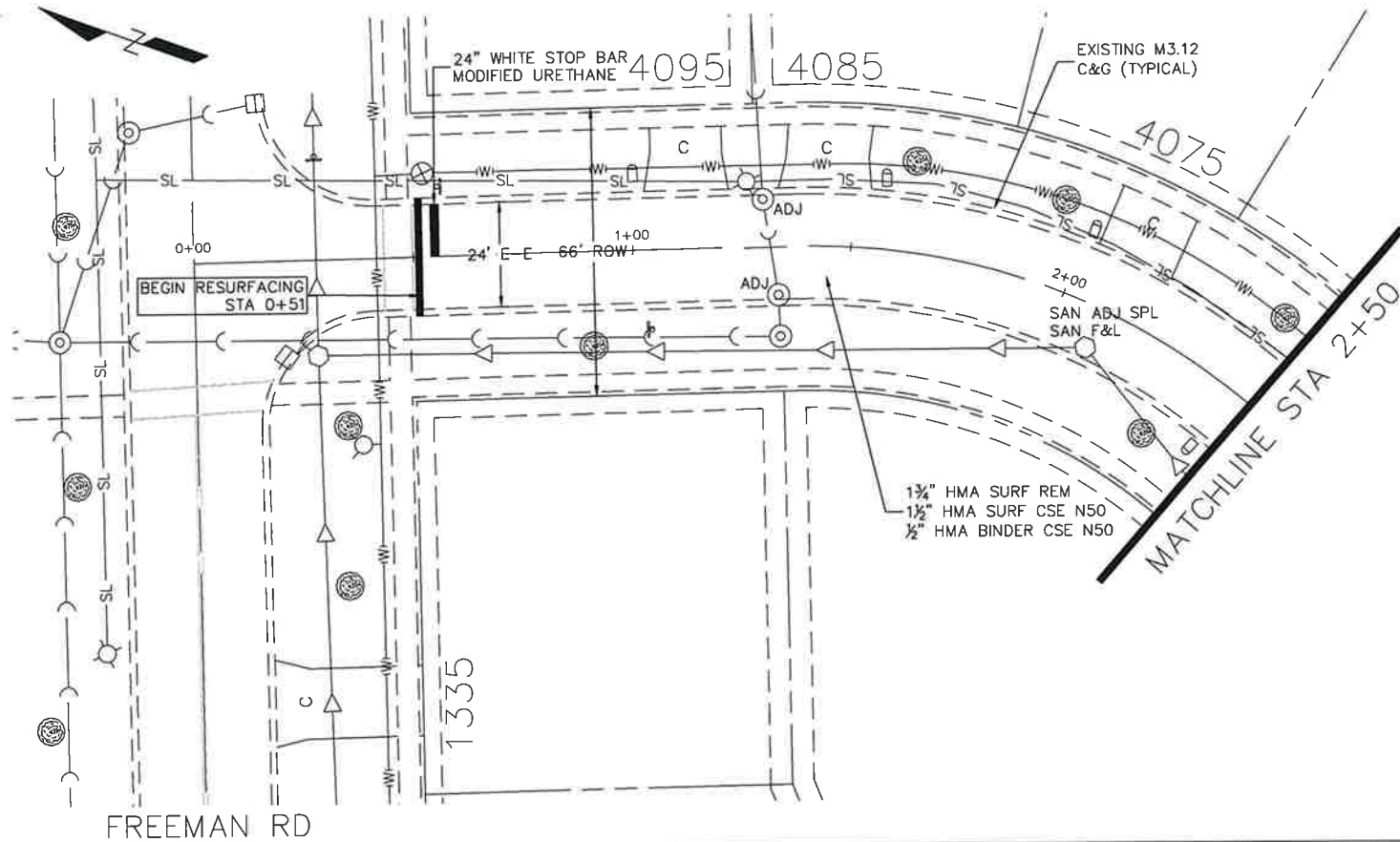
- | EXISTING | PROPOSED | |
|----------|----------|--------------------------------------|
| [Symbol] | [Symbol] | CONTROLLER |
| [Symbol] | [Symbol] | SERVICE INSTALLATION |
| [Symbol] | [Symbol] | SIGNAL HEAD |
| [Symbol] | [Symbol] | SIGNAL HEAD, OPTICALLY PROGRAMMED |
| [Symbol] | [Symbol] | SIGNAL HEAD AND POST |
| [Symbol] | [Symbol] | SIGNAL HEAD WITH BACKPLATE |
| [Symbol] | [Symbol] | SIGNAL HEAD, PEDESTRIAN |
| [Symbol] | [Symbol] | SIGNAL POST |
| [Symbol] | [Symbol] | MAST ARM ASSEMBLY AND POLE, STEEL |
| [Symbol] | [Symbol] | MAST ARM ASSEMBLY AND POLE, ALUMINUM |
| [Symbol] | [Symbol] | HANDHOLE |
| [Symbol] | [Symbol] | HEAVY DUTY HANDHOLE |
| [Symbol] | [Symbol] | DOUBLE HANDHOLE |
| [Symbol] | [Symbol] | GALVANIZED STEEL CONDUIT |
| [Symbol] | [Symbol] | CONDUIT SPLICE |
| [Symbol] | [Symbol] | 20'-1"-T IN TRENCH |
| [Symbol] | [Symbol] | SIZE OF CONDUIT |
| [Symbol] | [Symbol] | LENGTH OF CONDUIT |
| [Symbol] | [Symbol] | 20'-1"-P PUSHED |
| [Symbol] | [Symbol] | 20'-1"-UD UNIT DUCT |
| [Symbol] | [Symbol] | EXISTING CONDUIT |
| [Symbol] | [Symbol] | EMERGENCY VEHICLE SYSTEM DETECTOR |
| [Symbol] | [Symbol] | CONFIRMATION BEACON |
| [Symbol] | [Symbol] | PEDESTRIAN PUSHBUTTON |
| [Symbol] | [Symbol] | DETECTOR LOOP |
| [Symbol] | [Symbol] | TEMPORARY WOOD POLE |
| [Symbol] | [Symbol] | DETECTION ZONE |

NOTE:
THE CONTRACTOR SHALL MARK THE LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.

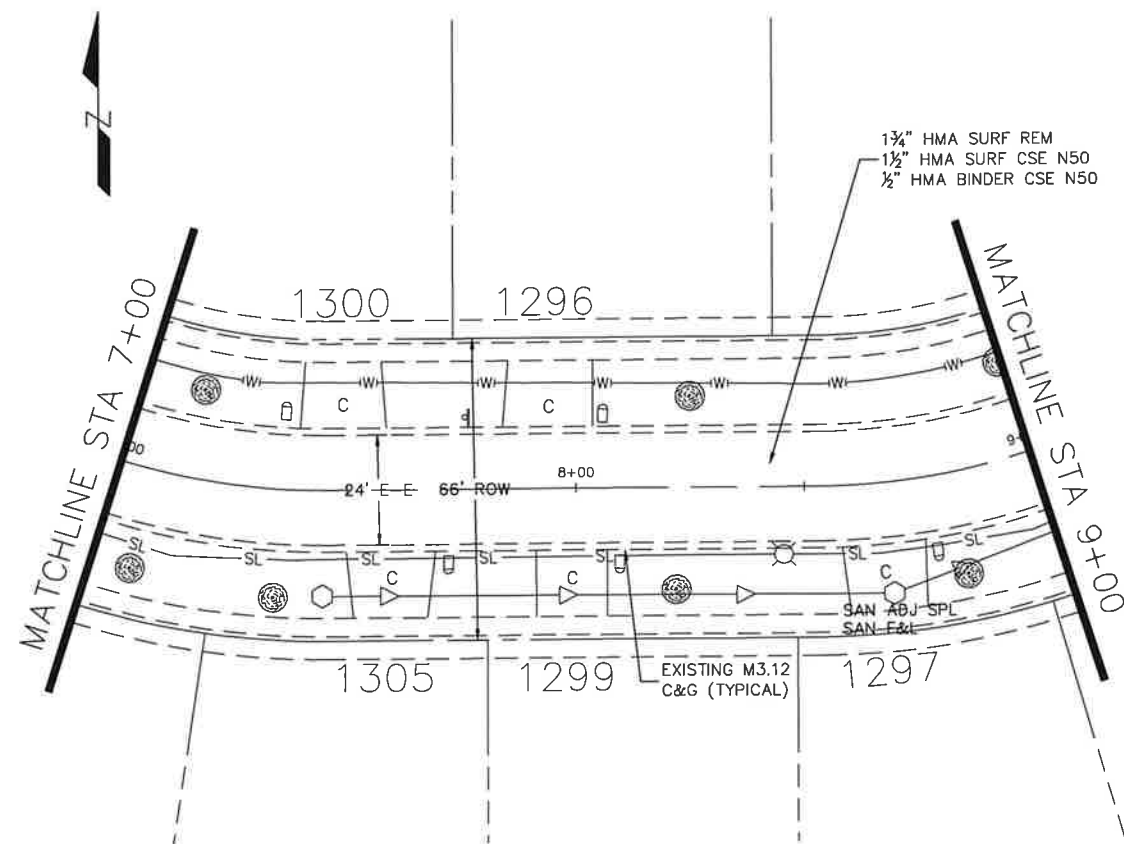
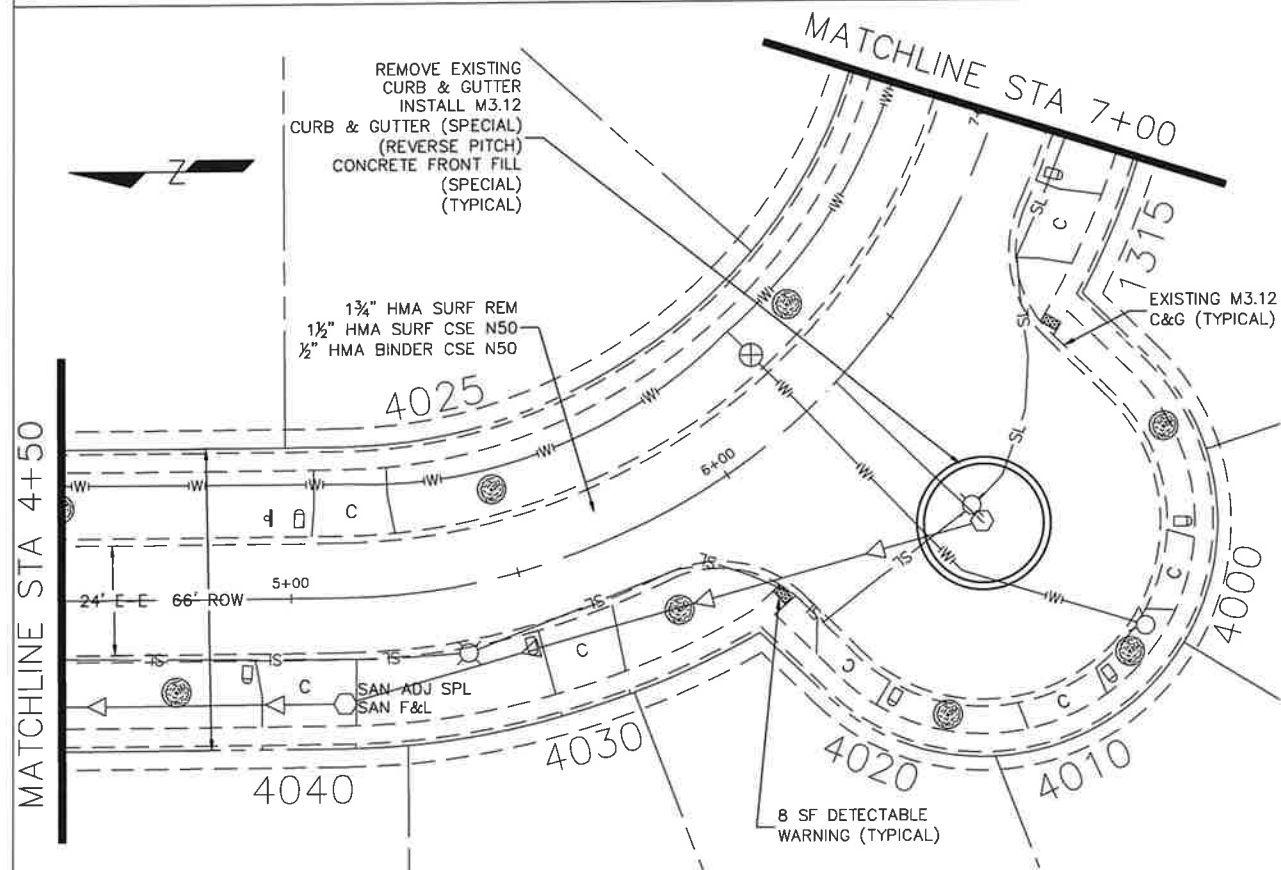
SCALE 1"=20'

COUNTY OF COOK DEPARTMENT OF HIGHWAYS	
TRAFFIC SIGNAL INSTALLATION SHOE FACTORY ROAD AND MAUREEN DRIVE (DESIGN PLAN)	
COMPUTED BY: [Signature]	APPROVED BY: [Signature]
DRAWN BY: [Signature]	CHECKED BY: [Signature]

PLAN	SURVEYED	DATE	BY
NOTE BOOK	NOTED	DATE	BY
NO.	NO.	DATE	BY



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



FILE NAME =
New Britton Dr.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 11/12/2025

REVISED - REVISED - 11/25/2025
REVISED -
REVISED -
REVISED -



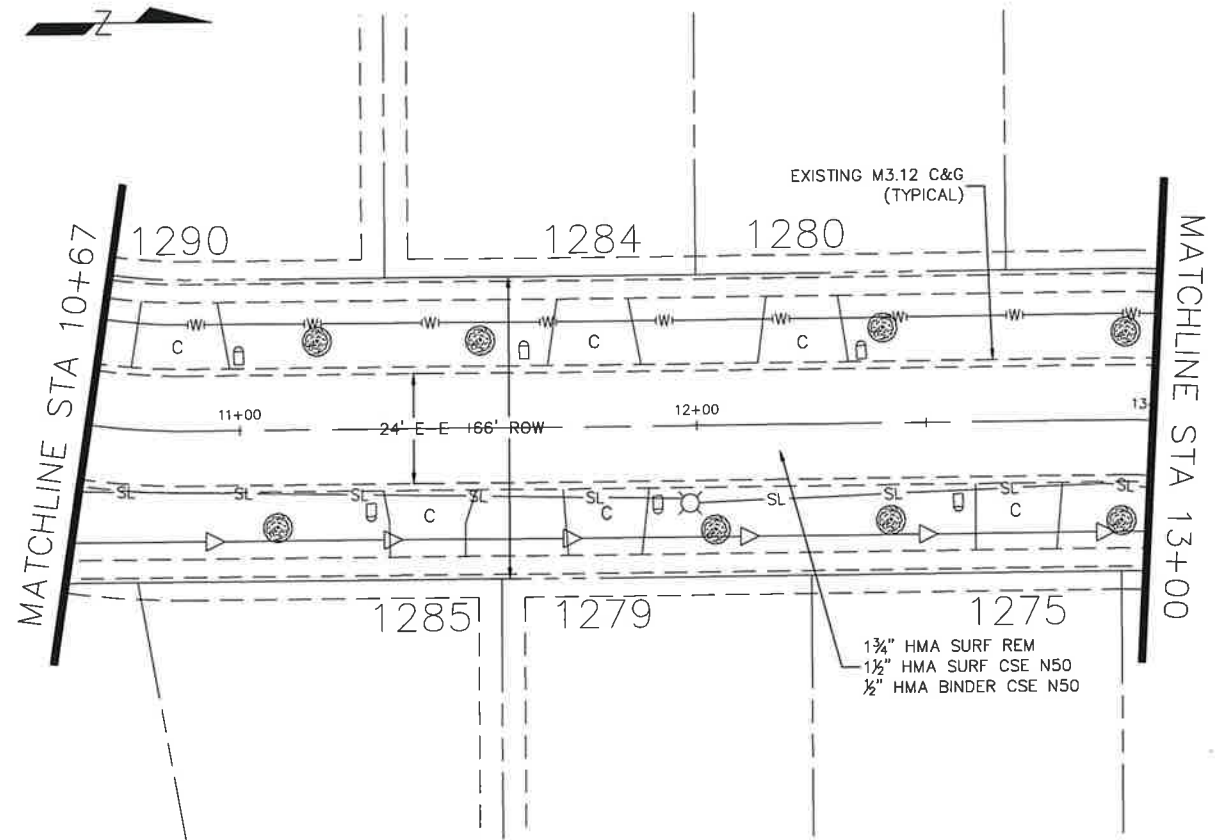
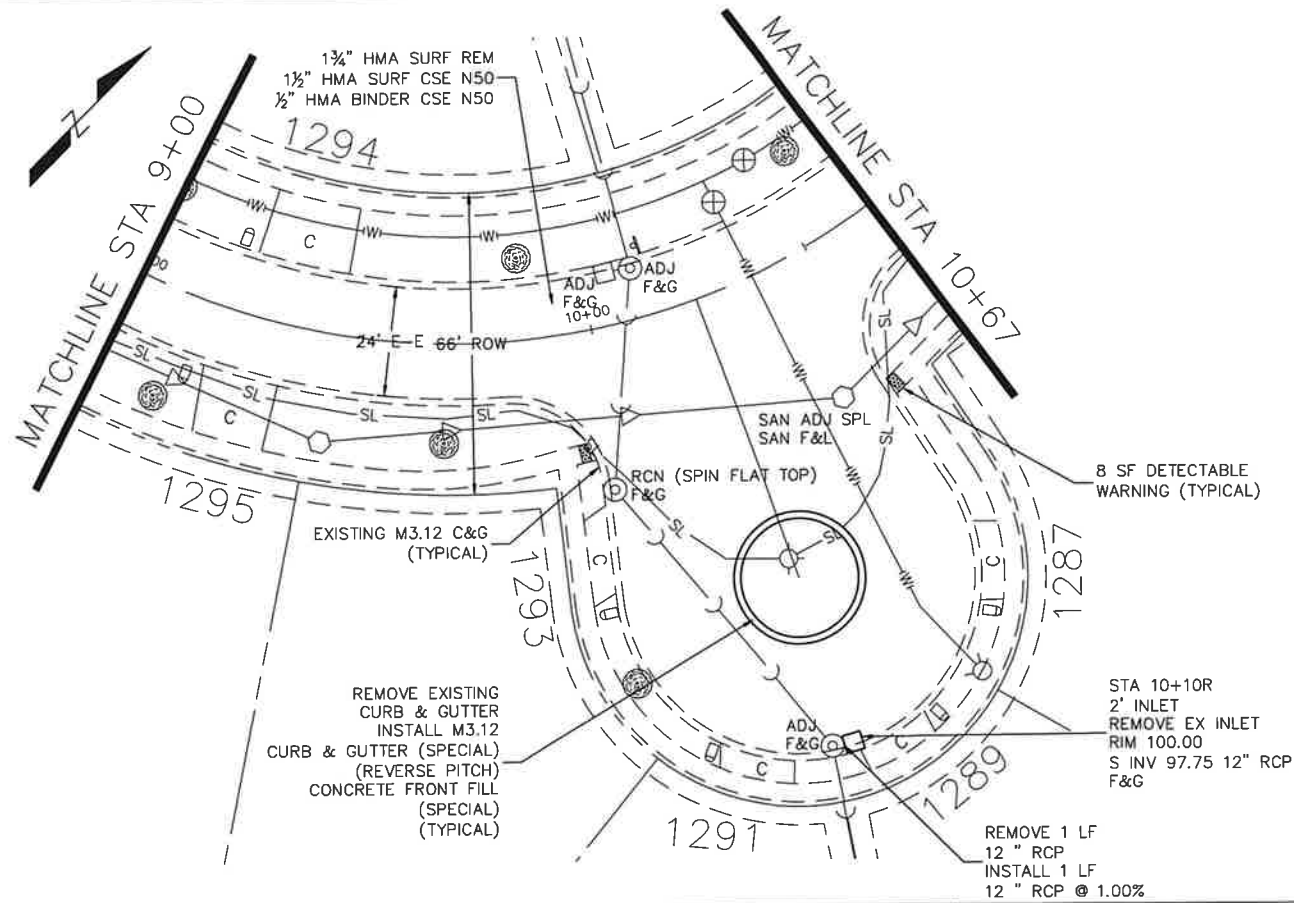
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
New Britton Drive

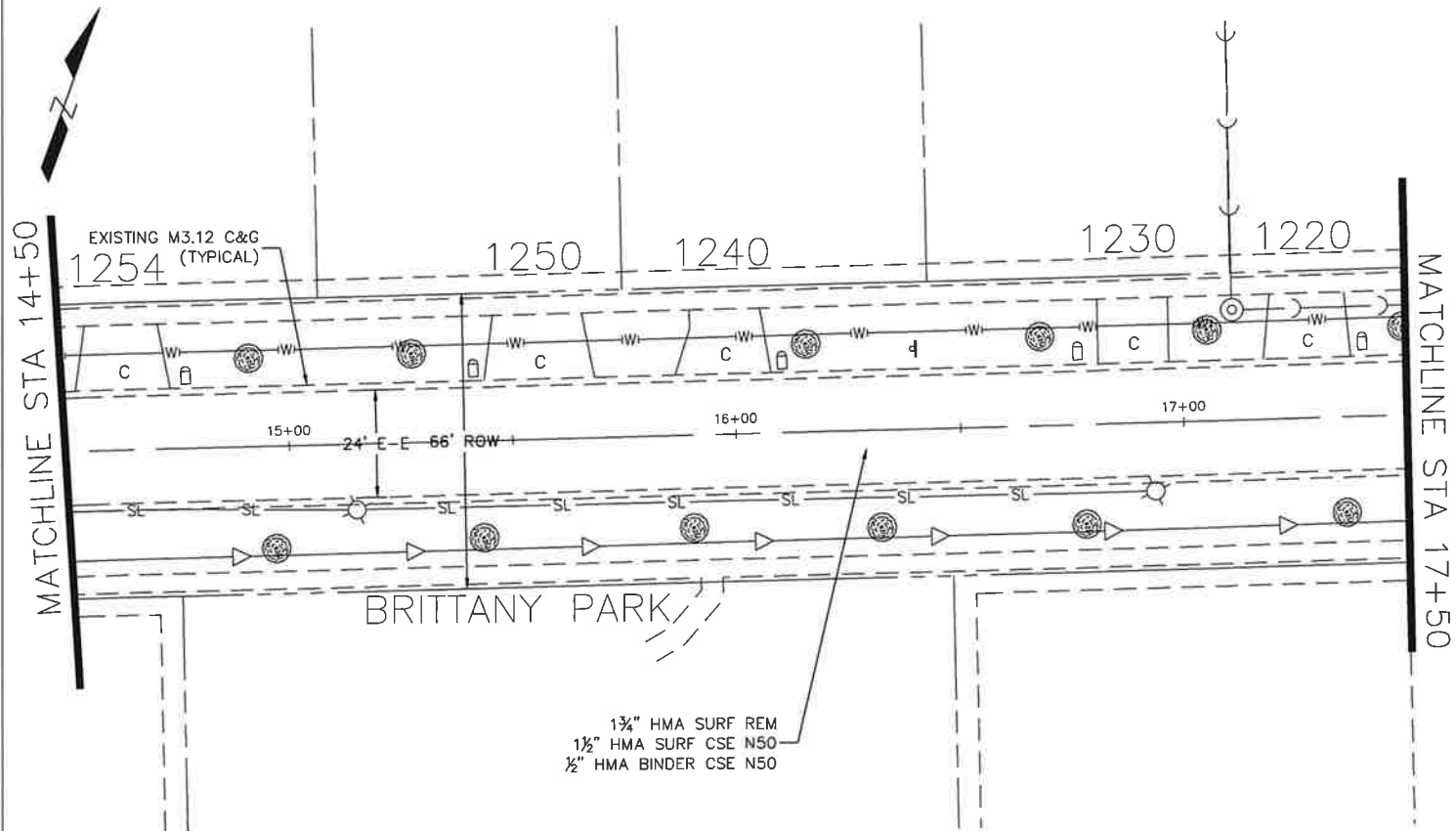
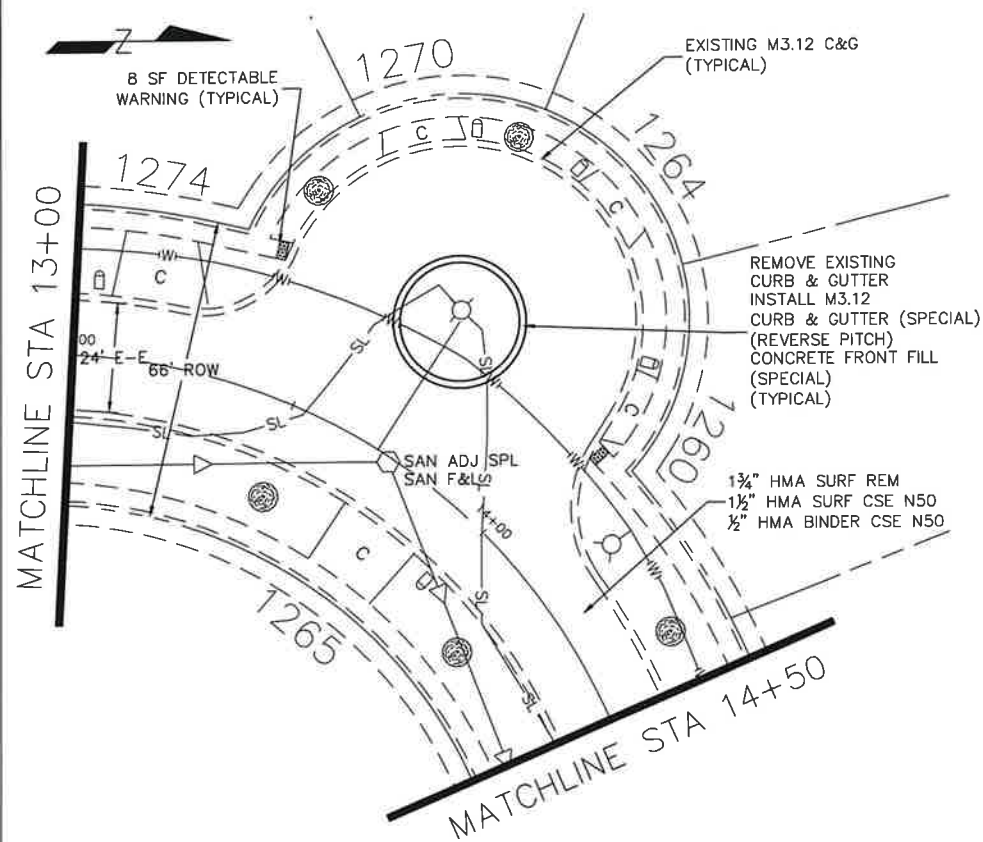
SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 0+51 TO STA 9+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	46
ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	CHECKED	DATE
NO.	NO.	NO.	NO.
NO.	NO.	NO.	NO.



PROFILE	DESIGNED	CHECKED	DATE
NO.	NO.	NO.	NO.
NO.	NO.	NO.	NO.



FILE NAME =
New Britton Dr.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 11/12/2025

REVISED - 11/25/2025
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

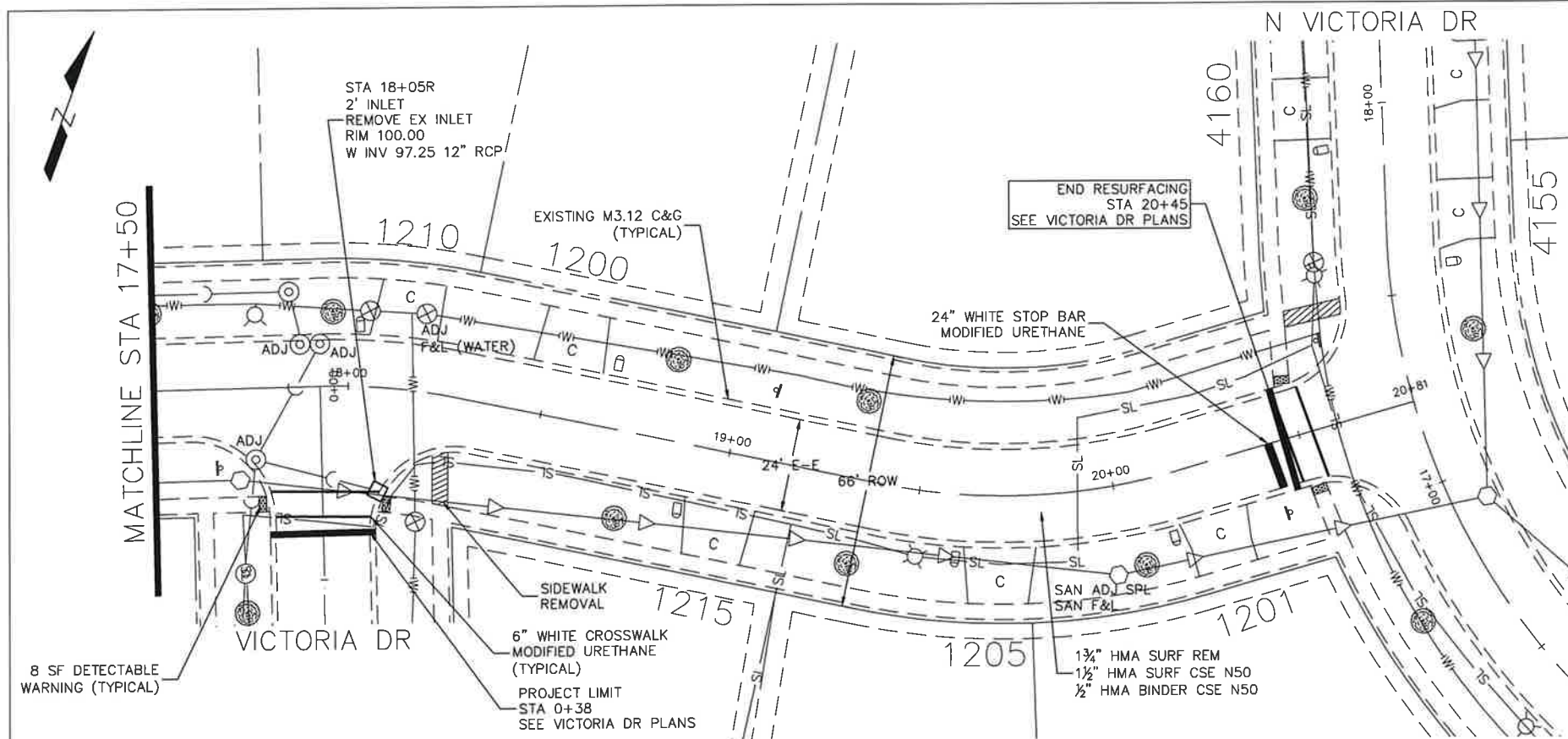
2026 Street Revitalization Project
New Britton Drive

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 9+00 TO STA 17+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	47
ILLINOIS FED. AID PROJECT				

PLAN	NO.	DATE	BY
DESIGNED			
DRAWN			
CHECKED			
APPROVED			

PROFILE	NO.	DATE	BY
DESIGNED			
DRAWN			
CHECKED			
APPROVED			



FILE NAME =
New Britton Dr.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 11/12/2025

REVISED - 11/25/2025
REVISED -
REVISED -
REVISED -



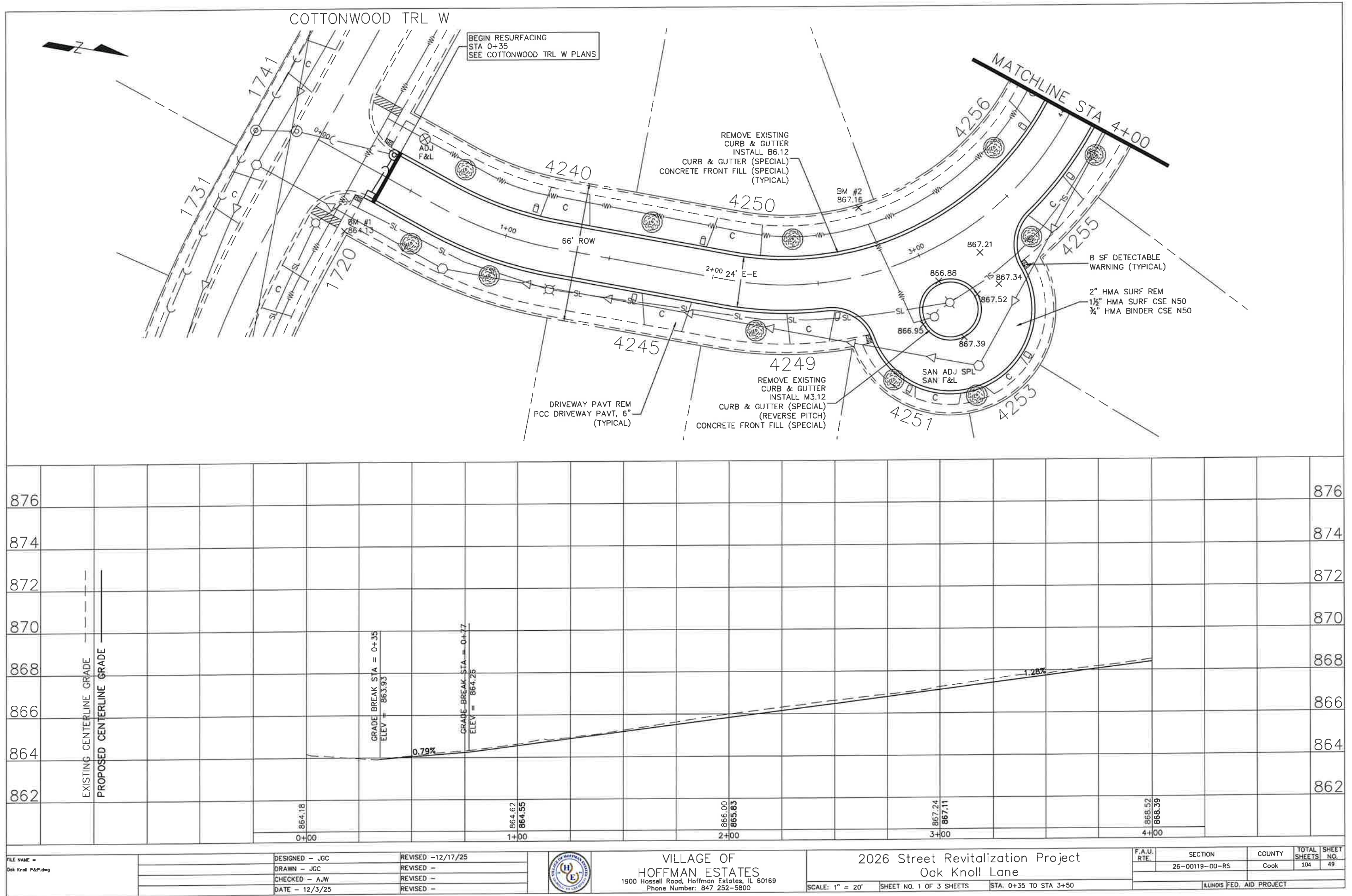
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
New Britton Drive
SCALE: 1" = 20'
SHEET NO. 3 OF 3 SHEETS
STA. 17+50 TO STA 20+46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	48
ILLINOIS FED. AID PROJECT				

PLAN	DRAWN	DATE	BY
NOTE BOOK	NO.		
ALIGNED	ST. OF WAY	CHECKED	NO.

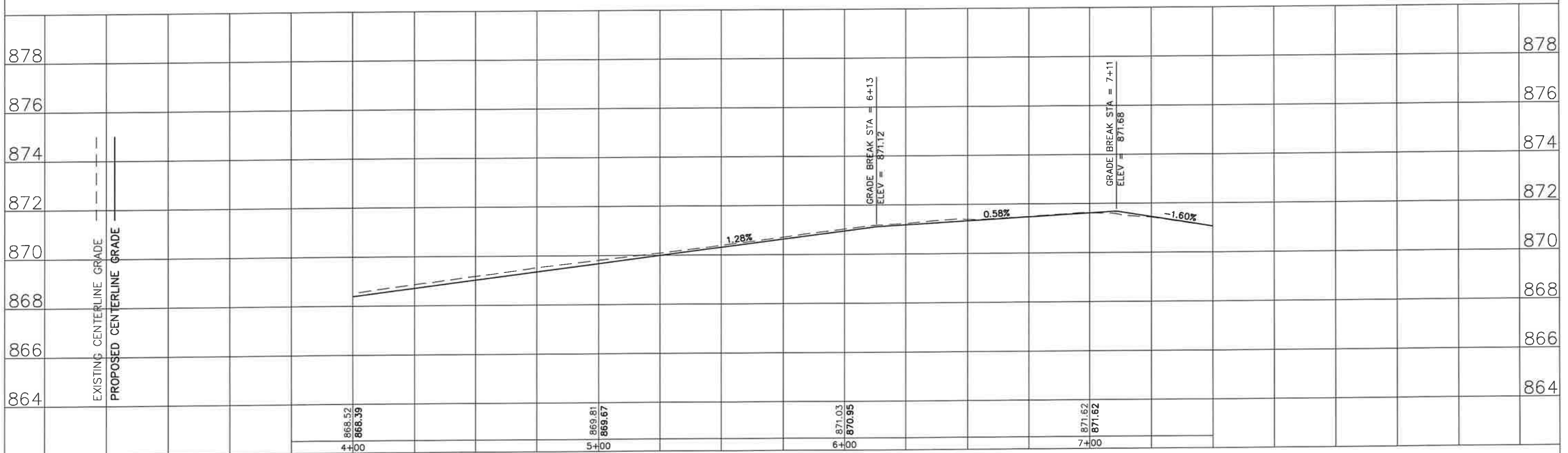
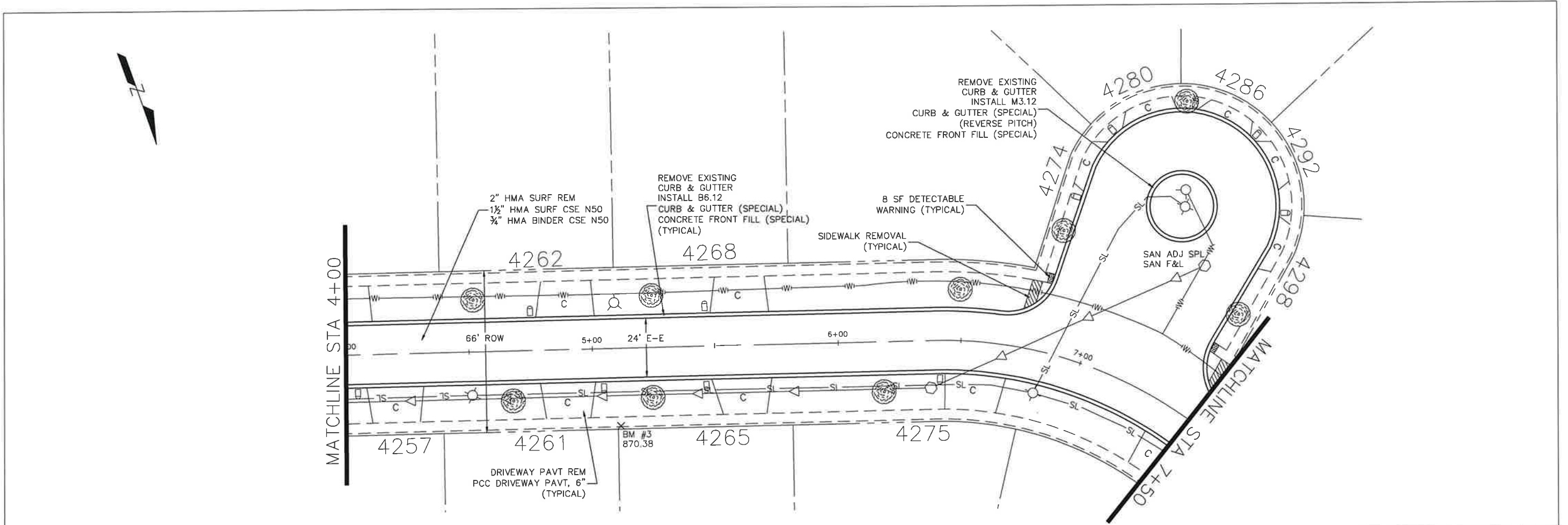
PROFILE	DRAWN	DATE	BY
NOTE BOOK	NO.		
ALIGNED	ST. OF WAY	CHECKED	NO.



FILE NAME =	DESIGNED - JGC	REVISED -12/17/25	VILLAGE OF HOFFMAN ESTATES	2026 Street Revitalization Project	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Oak Knoll P&P.dwg	DRAWN - JGC	REVISED -	1900 Hassell Road, Hoffman Estates, IL 60169	Oak Knoll Lane		26-00119-00-RS	Cook	104	49
	CHECKED - AJW	REVISED -	Phone Number: 847 252-5800						
	DATE - 12/3/25	REVISED -			SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA. 0+35 TO STA 3+50	ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTED	DATE	BY
	NO.	DATE	BY

PROFILE	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTED	DATE	BY
	NO.	DATE	BY

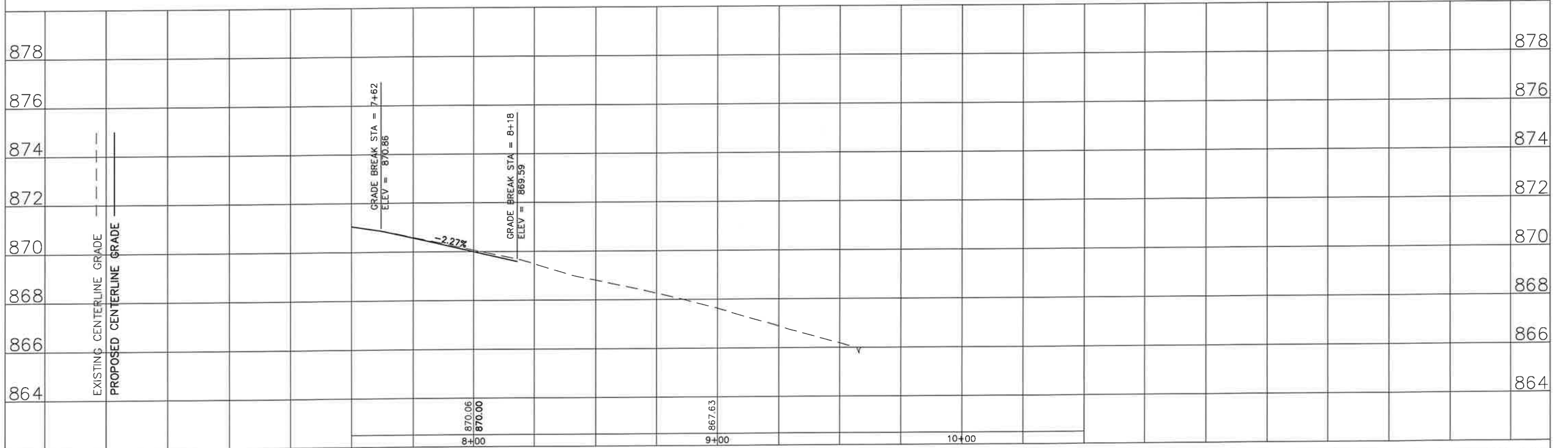
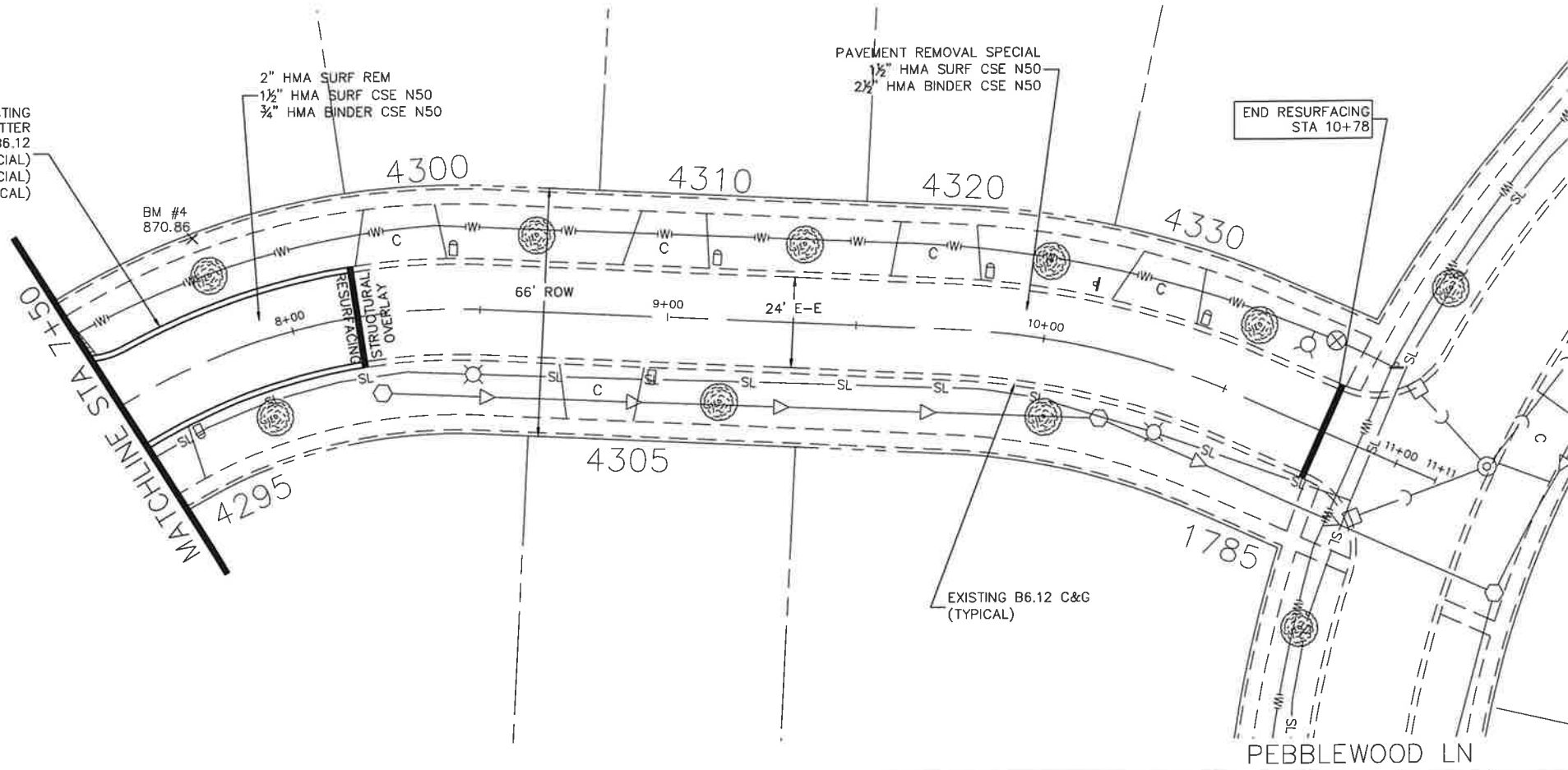


PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	NO.		

PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	NO.		

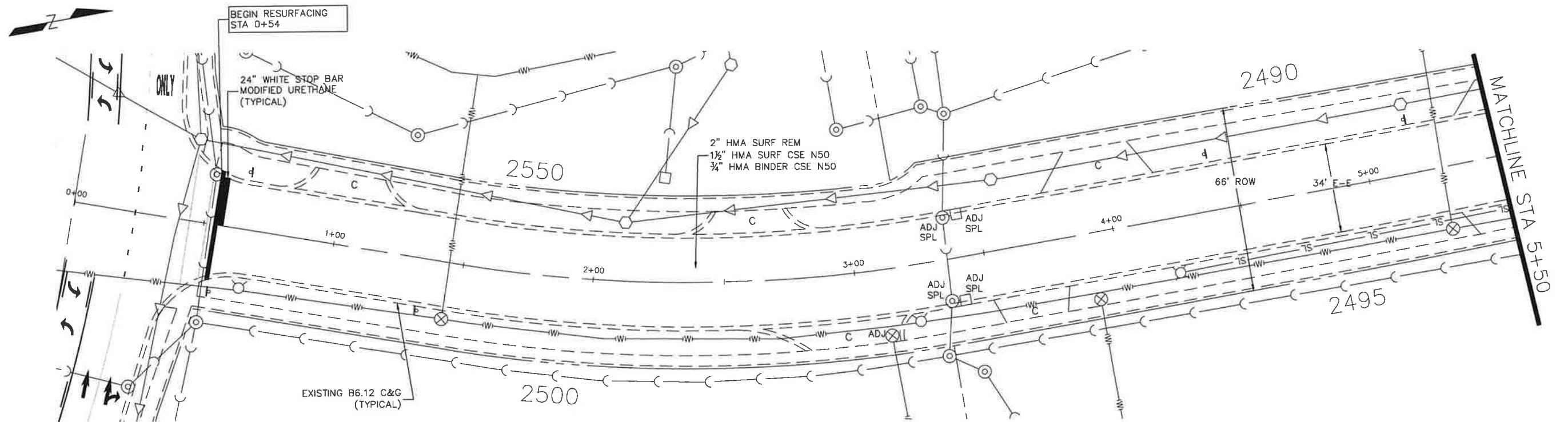


REMOVE EXISTING CURB & GUTTER
INSTALL B6.12 CURB & GUTTER (SPECIAL)
CONCRETE FRONT FILL (SPECIAL) (TYPICAL)

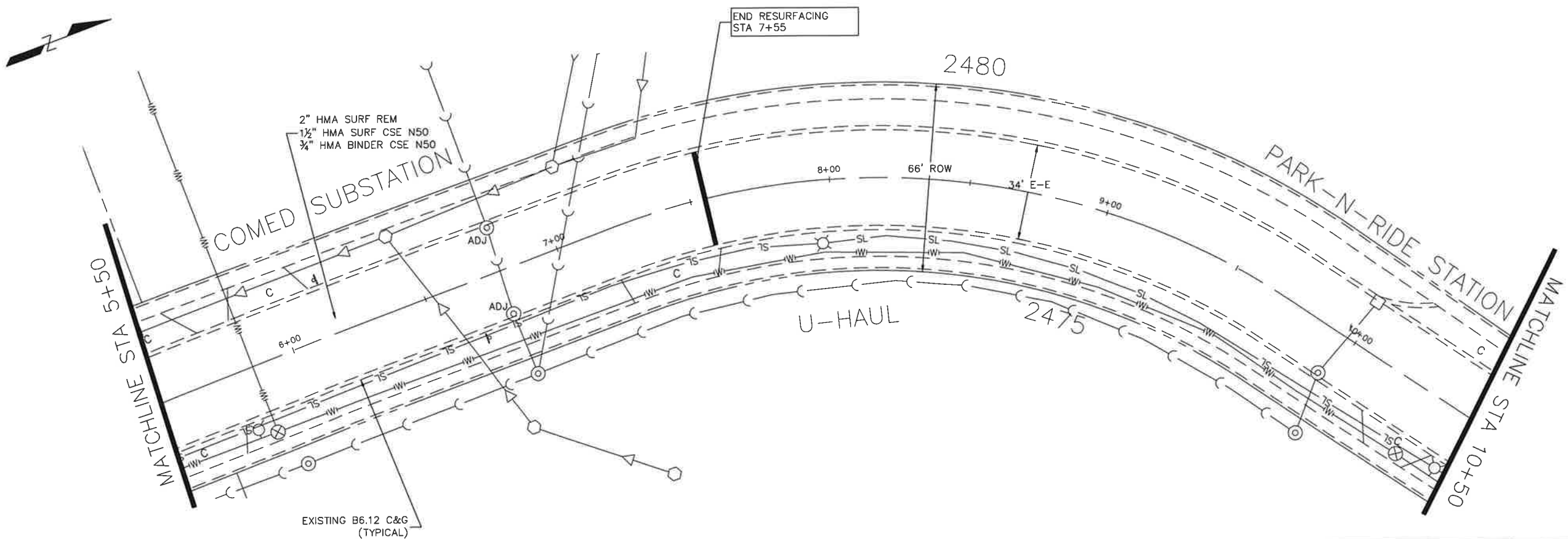


FILE NAME - Oak Knoll P&P.dwg	DESIGNED - JGC DRAWN - JGC CHECKED - AJW DATE - 12/3/25	REVISED -12/17/25 REVISED - REVISED - REVISED -	VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Oak Knoll Lane SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 7+50 TO STA 10+78	F.A.U. RTE. SECTION 26-00119-00-RS COUNTY Cook TOTAL SHEETS 104 SHEET NO. 51 ILLINOIS FED. AID PROJECT
----------------------------------	--	--	---	--	--

PLAN	SURVEYED	DATE	BY
NOTE BOOK	GRADES CHECKED		
NO.	PROJECT NAME		



PROFILE	SURVEYED	DATE	BY
NOTE BOOK	GRADES CHECKED		
NO.	PROJECT NAME		



FILE NAME =
Pembroke Ave.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 11/14/2025

REVISED - 12/17/2025
REVISED -
REVISED -
REVISED -

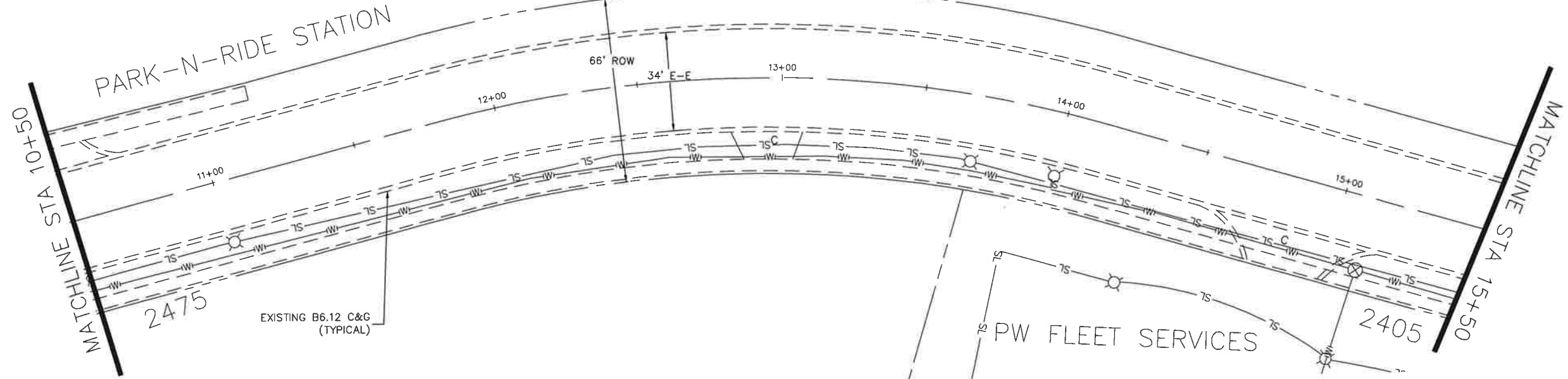


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

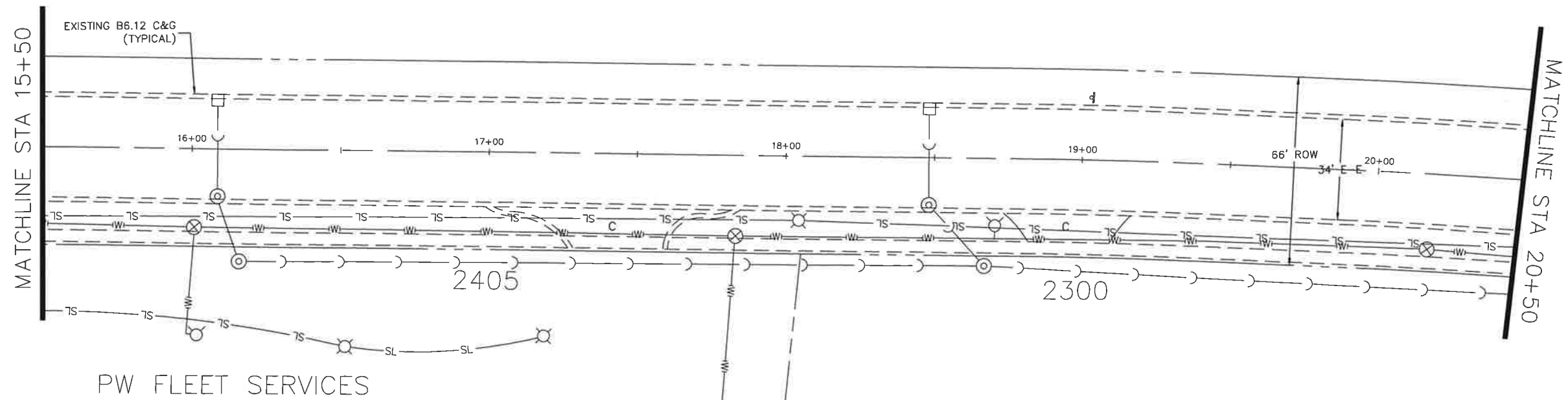
2026 Street Revitalization Project
Pembroke Avenue
SCALE: 1" = 20'
SHEET NO. 1 OF 3 SHEETS
STA. 0+34 TO STA 28+91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	52
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
NOTE BOOK	ALIGNED	CHECKED	NO.
	PT. OF WAY	CHECKED	
	NO.		



PROFILE	SURVEYED	DATE	BY
NOTE BOOK	GRADES	CHECKED	NO.
	STRUCTURE	NOTES	NO.



FILE NAME =
Pembroke Ave.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 11/14/2025

REVISED - 12/17/2025
REVISED -
REVISED -
REVISED -



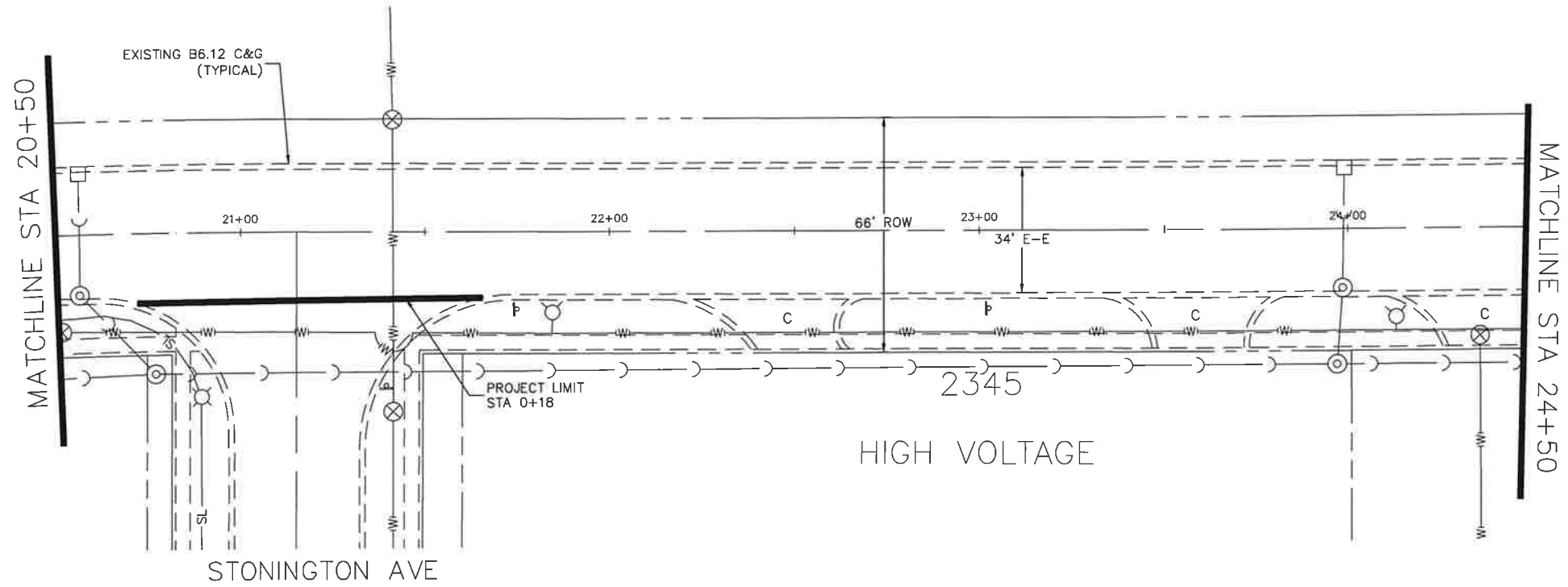
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Pembroke Avenue

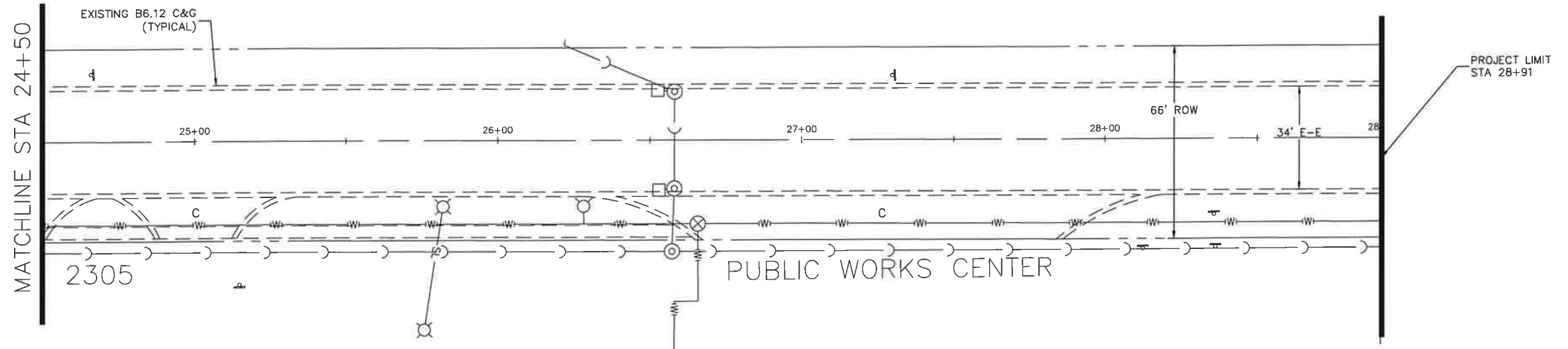
SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 0+34 TO STA 28+91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	53
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	ST. OF WAY CHECKED		
	NO.		
	PROJECT NAME		



PROFILE	SURVEYED	DATE	BY
	NOTED		
	CHECKED		
	ST. OF WAY CHECKED		
	NO.		
	PROJECT NAME		



FILE NAME =
Pembroke Ave.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 11/14/2025

REVISED - 12/17/2025
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

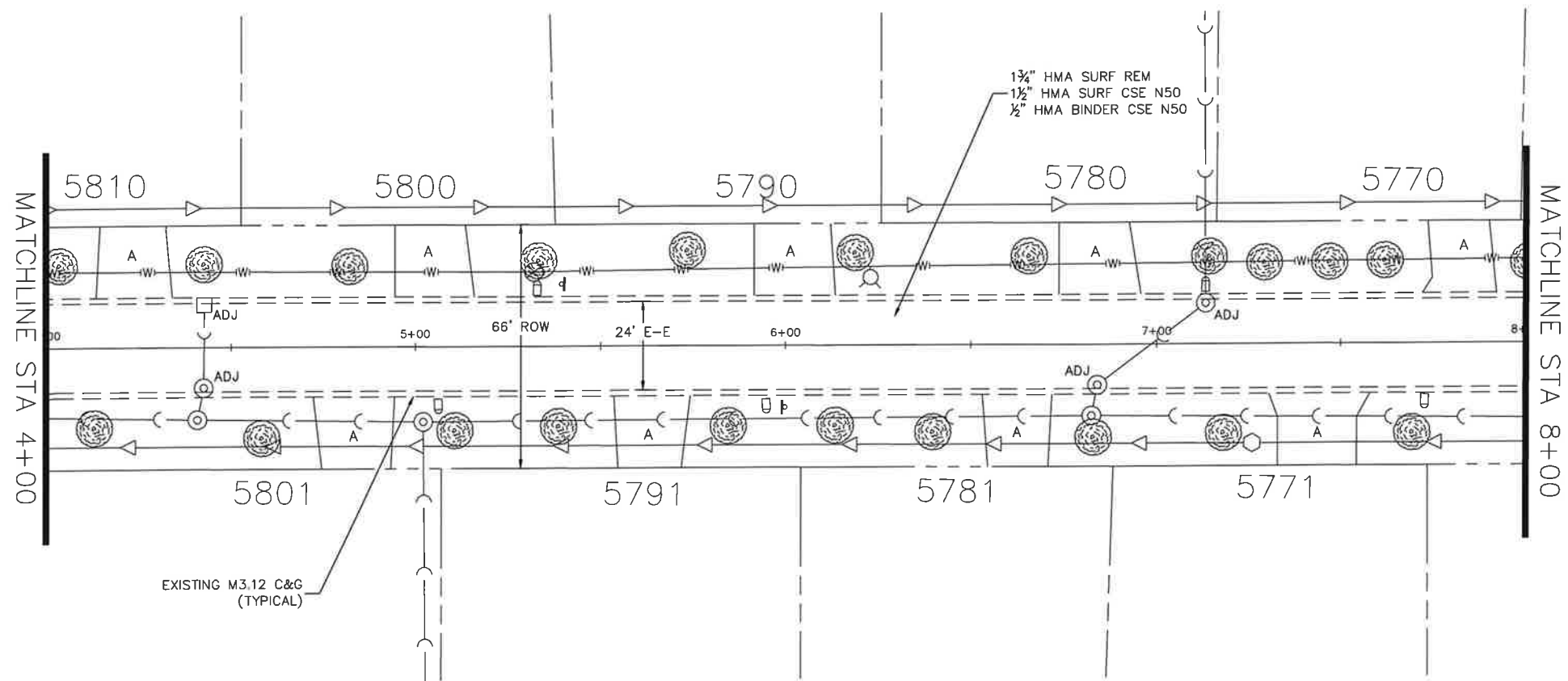
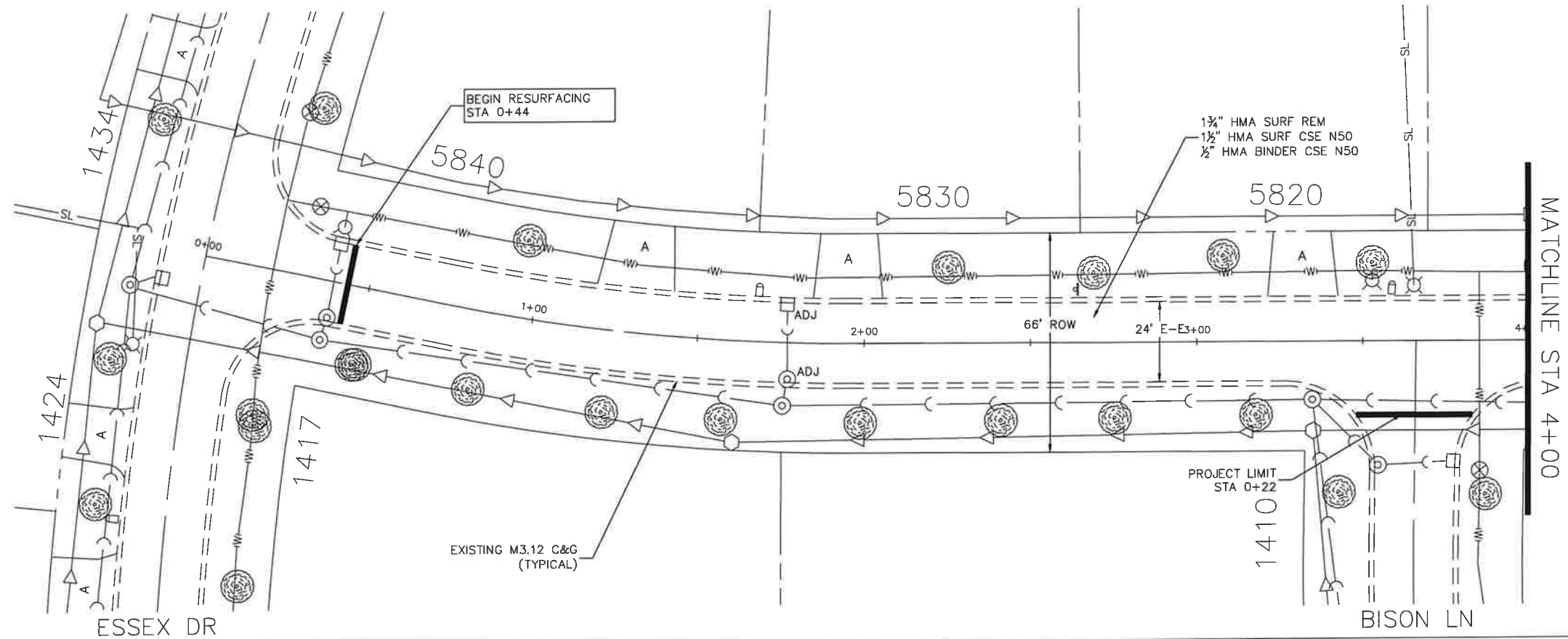
2026 Street Revitalization Project
Pembroke Avenue

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 0+34 TO STA 28+91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	54
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
NOTE BOOK	GRADES CHECKED		
NO.	RT. OF WAY CHECKED		
	NO.		

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



FILE NAME =
Providence Dr.dwg

DESIGNED - DSG
DRAWN - DSG
CHECKED - AJW
DATE - 12/27/24

REVISED - 11/03/2025
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Providence Drive

SCALE: 1" = 20'

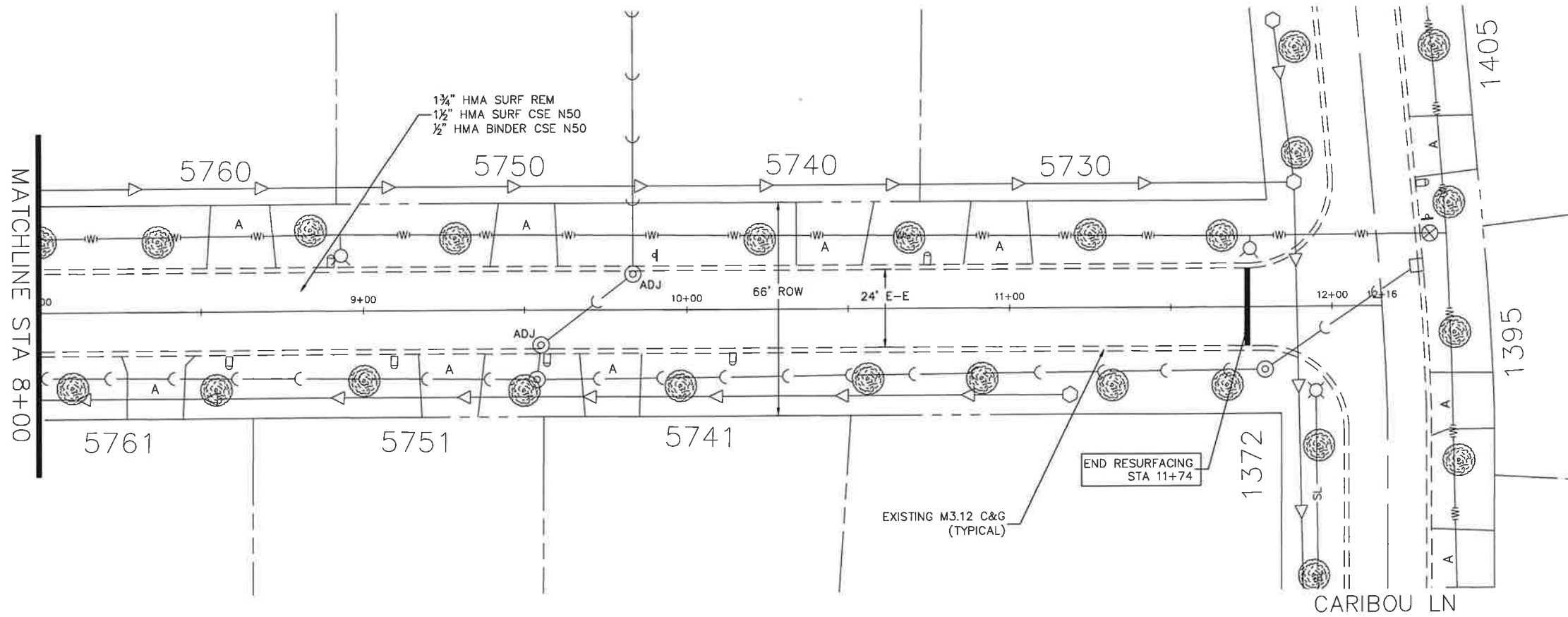
SHEET NO. 1 OF 2 SHEETS

STA. 0+44 TO STA 8+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	55
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	NOTED	DATE
	NOTE BOOK	NO.
	NO.	DATE

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



FILE NAME =
Providence Dr.dwg

DESIGNED - DSG	REVISED - 11/03/2025
DRAWN - DSG	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/27/24	REVISED -



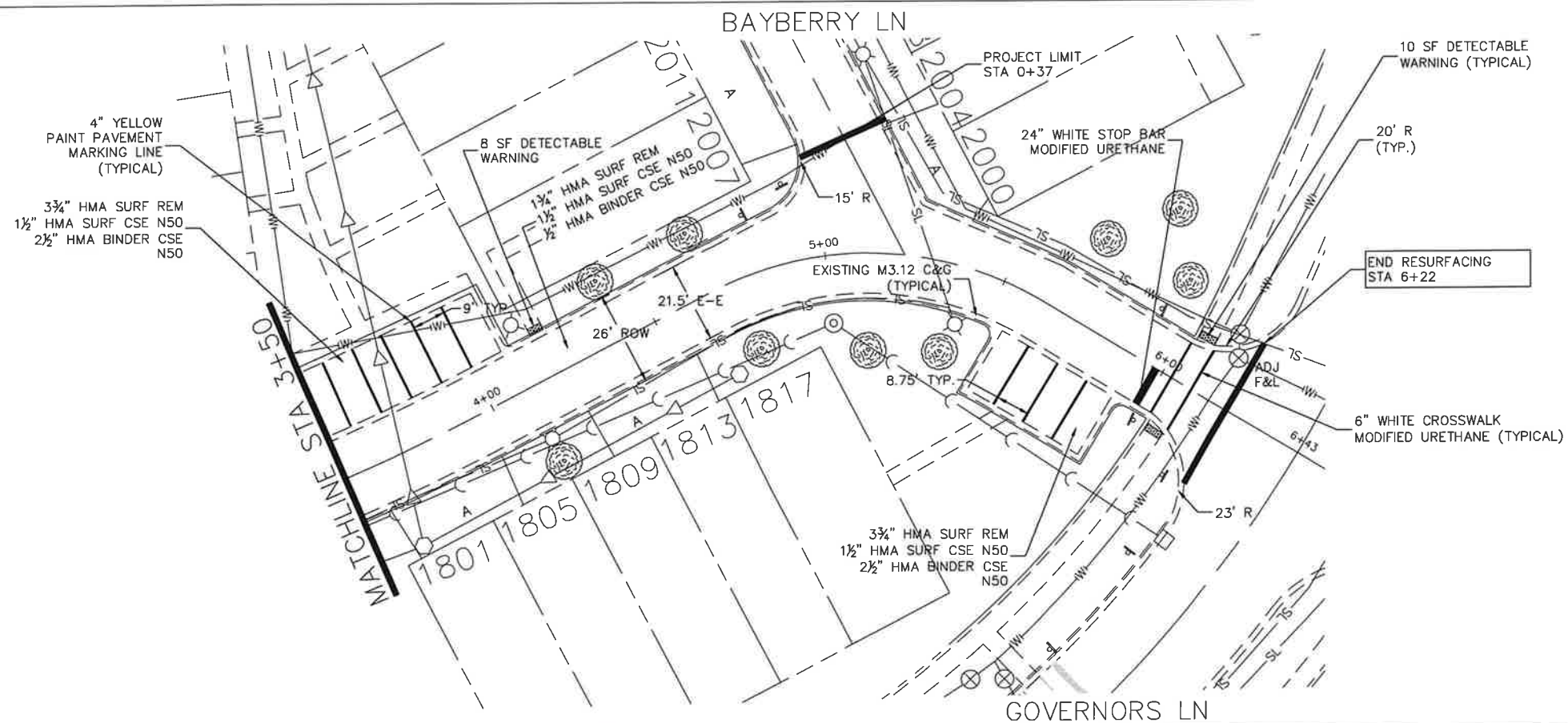
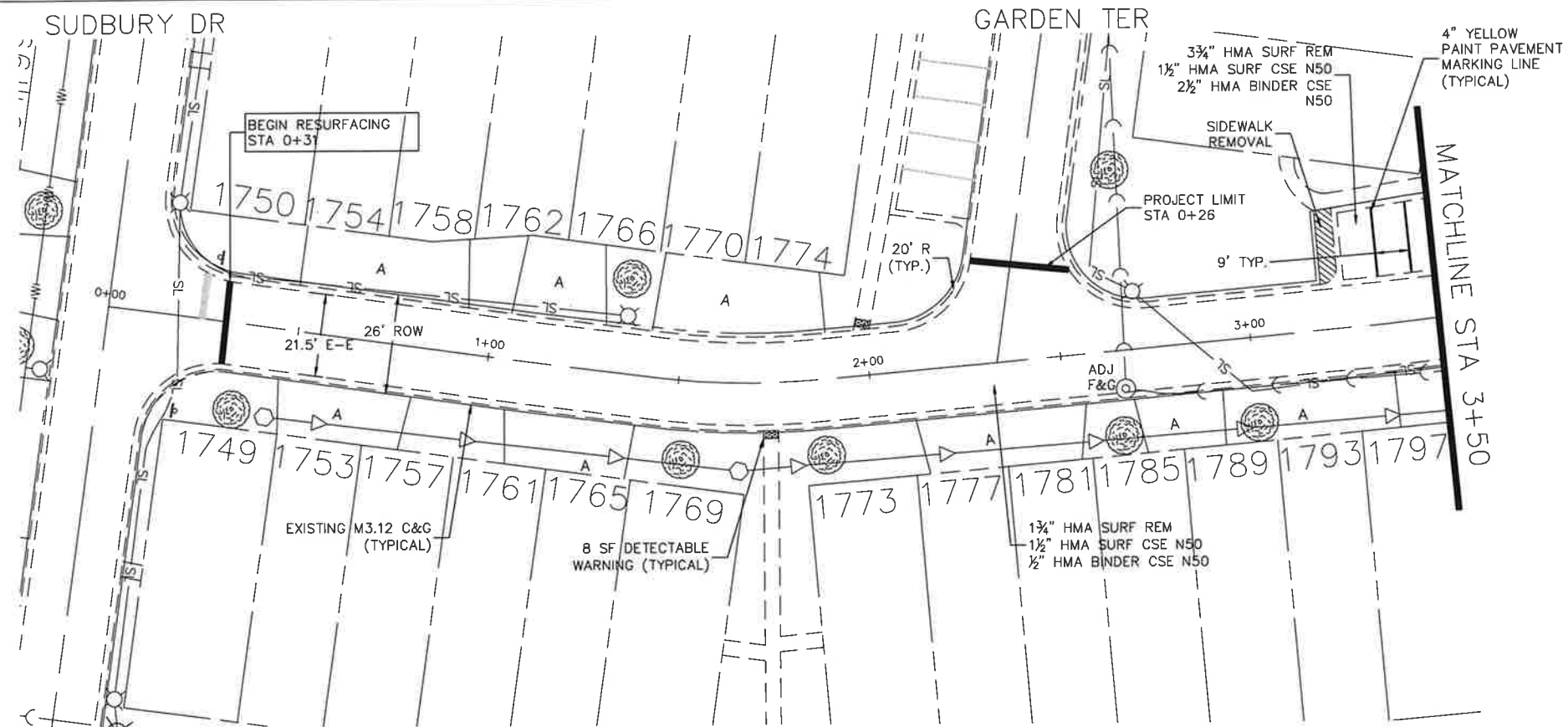
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Providence Drive

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 8+00 TO STA 11+74

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	56
ILLINOIS FED. AID PROJECT				

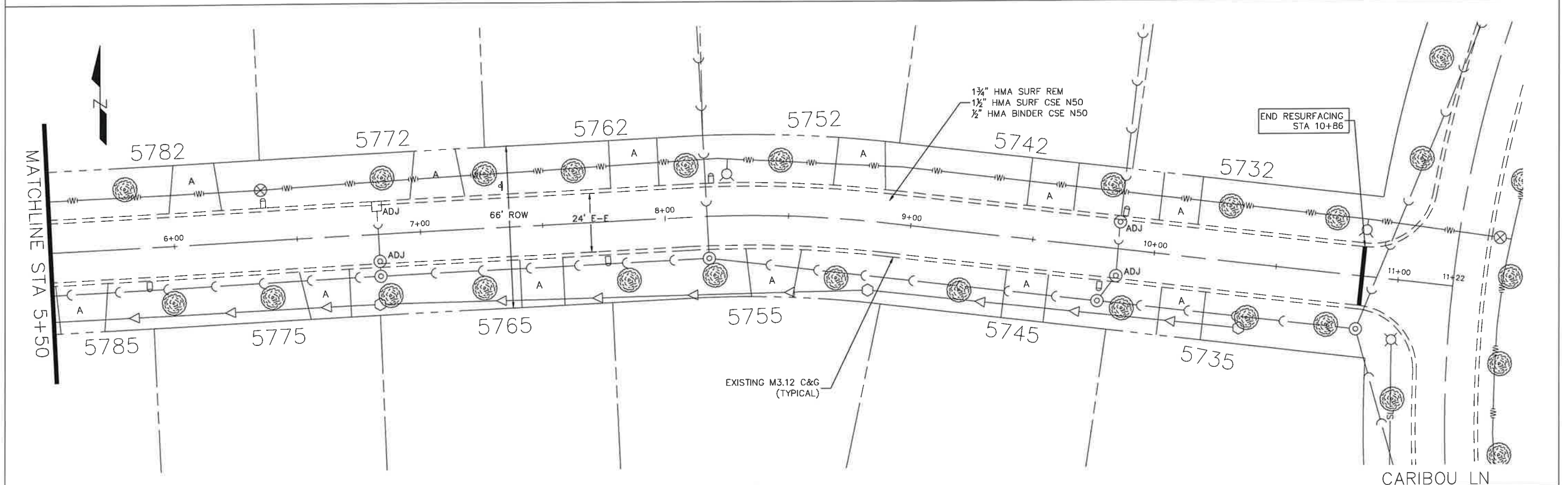
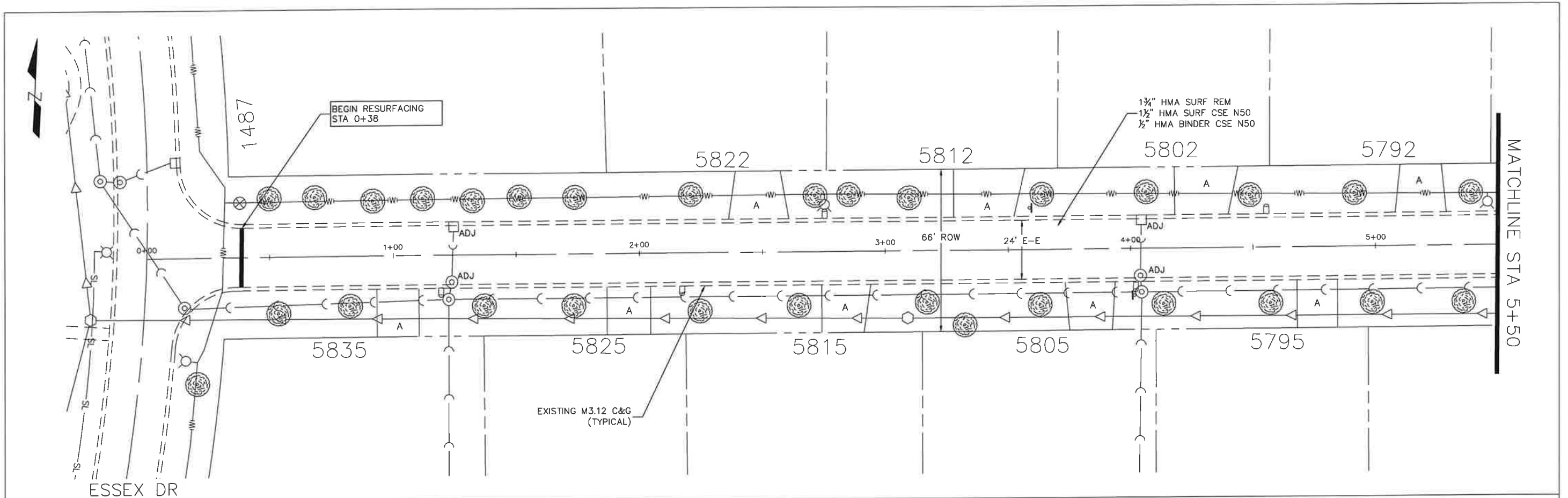
PROFILE	SURVEYED	DATE	BY	DATE
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NOTED			
	STRUCTURE NOTATION CH'K'D			



FILE NAME - Raleigh Ln.dwg	DESIGNED -JMK	REVISED -11/26/2025		VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Raleigh Lane			F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -JMK	REVISED -							26-00119-00-RS	Cook	104	57
	CHECKED -AJW	REVISED -										
	DATE -12/02/2024	REVISED -			SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+30 TO STA 6+22			ILLINOIS FED. AID PROJECT				

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

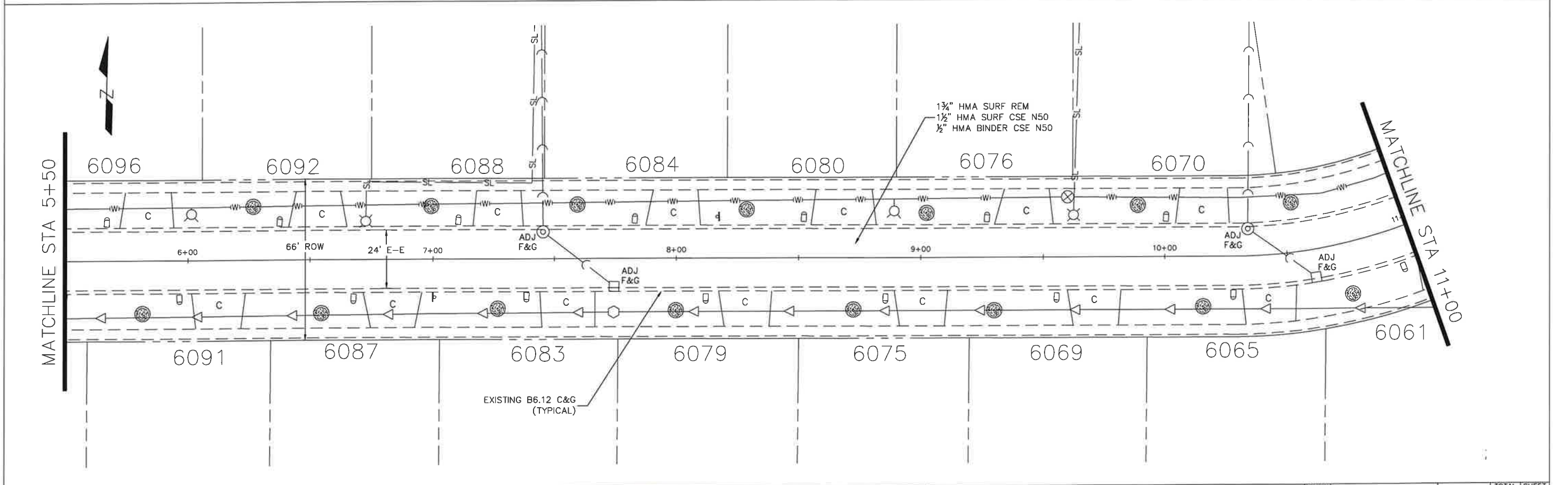
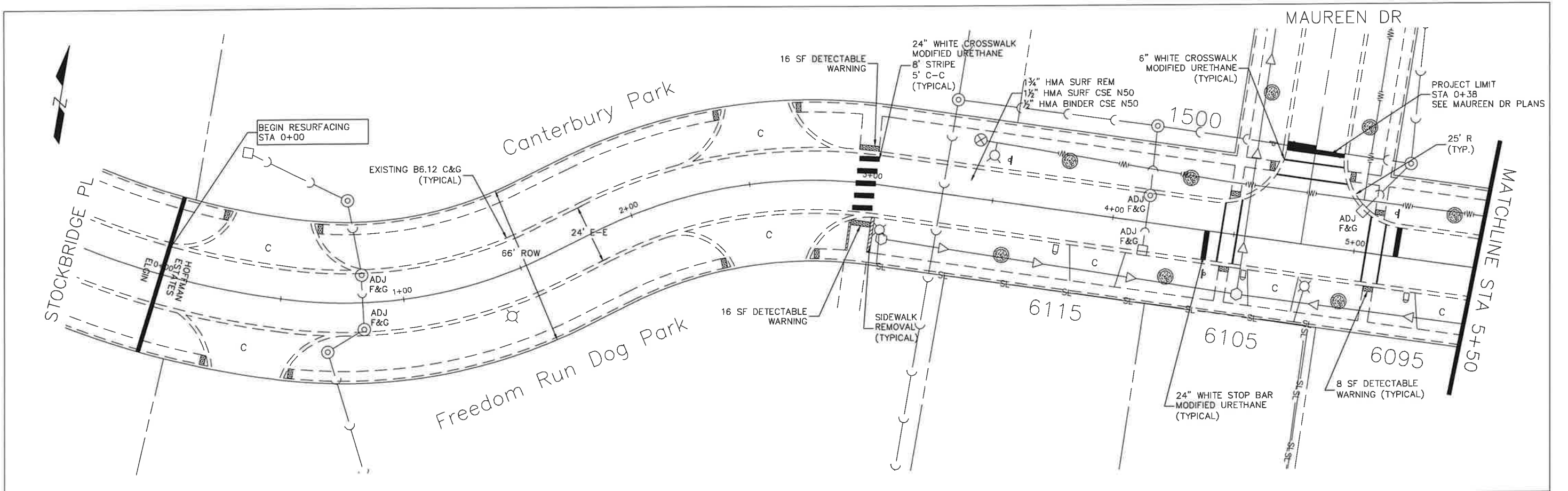
PROFILE	SURVEYED	DATE	BY
NOTE BOOK	NOTED		
NO.	CHECKED		
	BY		
	DATE		



FILE NAME = River Birch Dr.dwg	DESIGNED - DSG DRAWN - DSG CHECKED - AJW DATE - 12/27/24	REVISED - 11/03/2025 REVISED - REVISED - REVISED -	VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project River Birch Drive SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 0+38 TO STA 10+86	F.A.U. RTE. SECTION 26-00119-00-RS COUNTY Cook TOTAL SHEETS 104 SHEET NO. 58 ILLINOIS FED. AID PROJECT
-----------------------------------	---	---	---	---	--

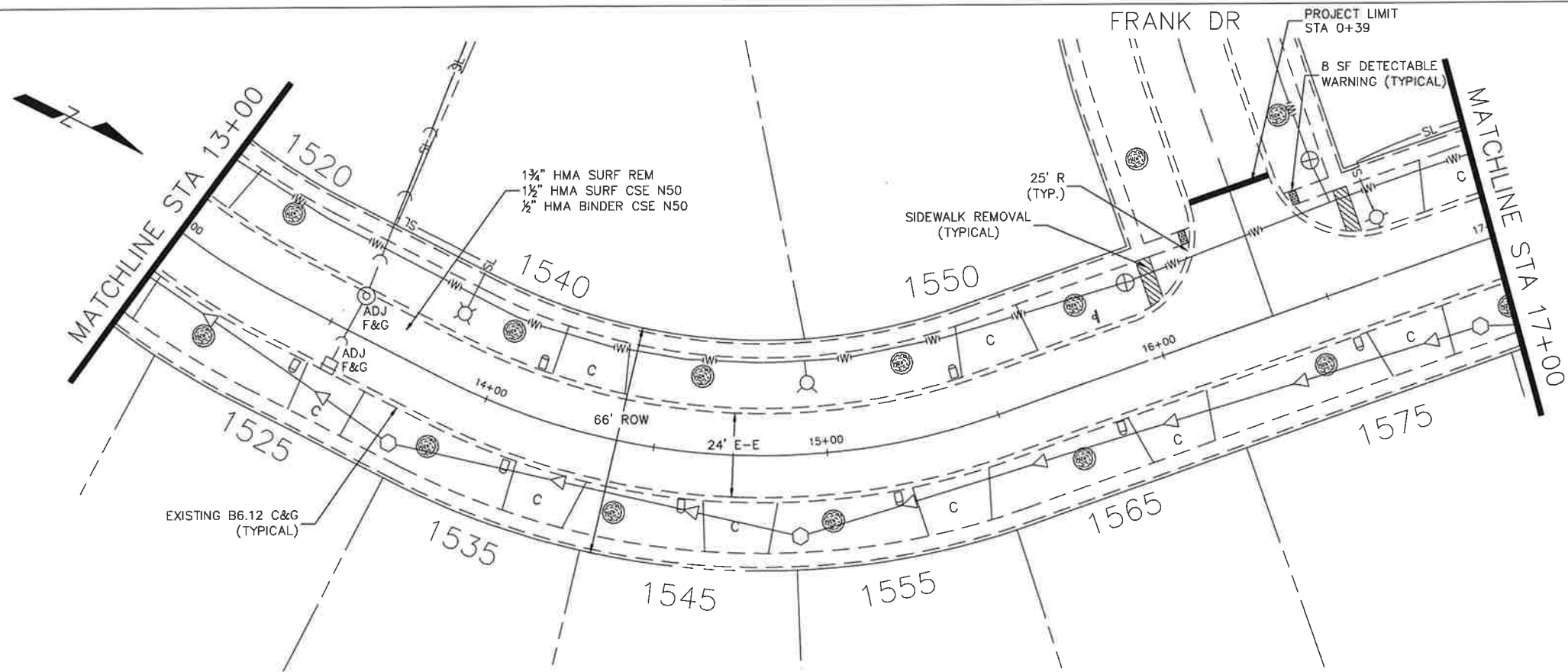
PLAN	SURVEYED	NOTED	CHECKED
NOTE BOOK	NO.	ST. OF WAY CHECKED	NO.
		DATE	

PROFILE	DATE	BY
NOTE BOOK	NO.	STRUCTURE NOTATIONS
		DATE



FILE NAME - Russell Drive	DESIGNED - DSG DRAWN - DSG CHECKED - AJW DATE - 01/22/25	REVISED - 11/03/2025 REVISED - 11/26/2025 REVISED - REVISED -	VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Russell Drive SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 0+00 TO STA 11+00	F.A.U. RTE. SECTION 26-00119-00-RS COUNTY Cook TOTAL SHEETS 104 SHEET NO. 59 ILLINOIS FED. AID PROJECT
------------------------------	---	--	---	---	--

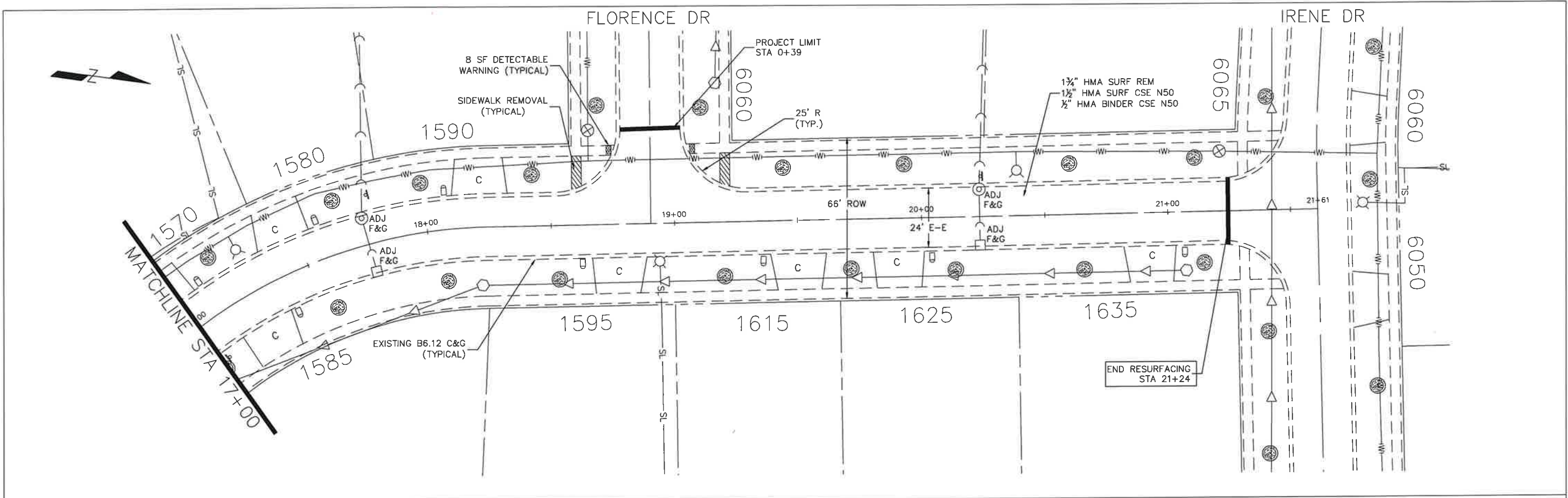
PROFILE	SURVEYED	DATE	BY	DATE
NOTE BOOK	PLOTTED			
NO.	GRADES CHECKED			
	B.M. NOTED			
	STRUCTURE NOTATIONS OK'D			



FILE NAME - Russell Dr.dwg		DESIGNED - DSG	REVISED - 11/03/2025		VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Russell Drive			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DSG	REVISED - 11/26/2025							26-00119-00-RS	Cook	104	60
		CHECKED -AJW	REVISED -			SCALE: 1" = 20'			SHEET NO. 2 OF 3 SHEETS	STA. 11+00 TO STA 17+00	ILLINOIS FED. AID PROJECT		
		DATE - 01/22/25	REVISED -										

PLAN	SURVEYED	DATE	BY
NOTE BOOK	NO. OF WAY CHECKED		
	NO. OF WAY CHECKED		

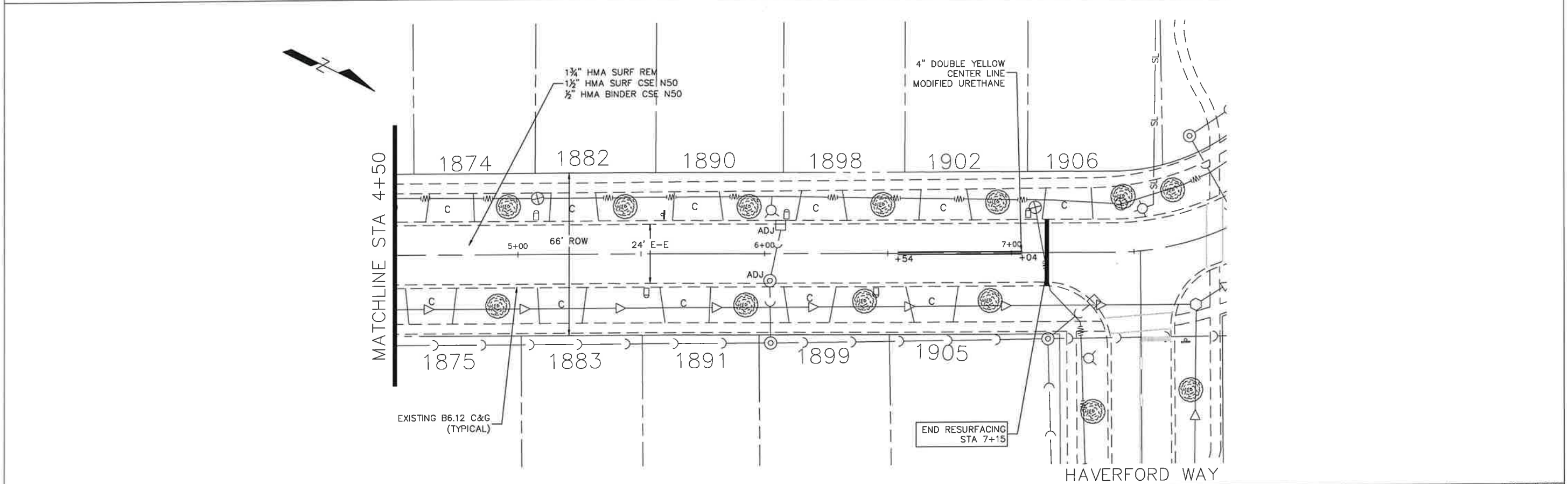
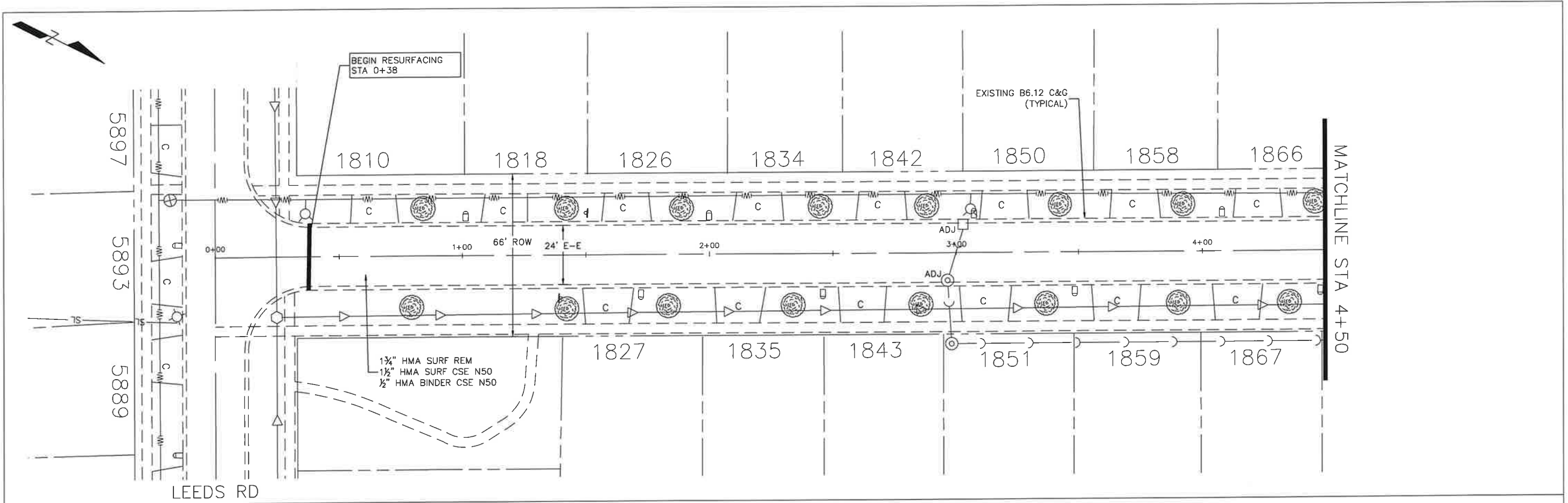
PROFILE	SURVEYED	DATE	BY
NOTE BOOK	NO. OF WAY CHECKED		
	NO. OF WAY CHECKED		



FILE NAME =	DESIGNED - DSG	REVISED - 11/03/2025	VILLAGE OF	2026 Street Revitalization Project	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Russell Drive	DRAWN - DSG	REVISED - 11/26/2025	HOFFMAN ESTATES	Russell Drive	RT1E	26-00119-00-RS	Cook	104	61
	CHECKED - AJW	REVISED -	1900 Hassell Road, Hoffman Estates, IL 60169						
	DATE - 01/22/25	REVISED -	Phone Number: 847 252-5800	SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA. 17+00 TO STA 21+24	ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		
NO.		

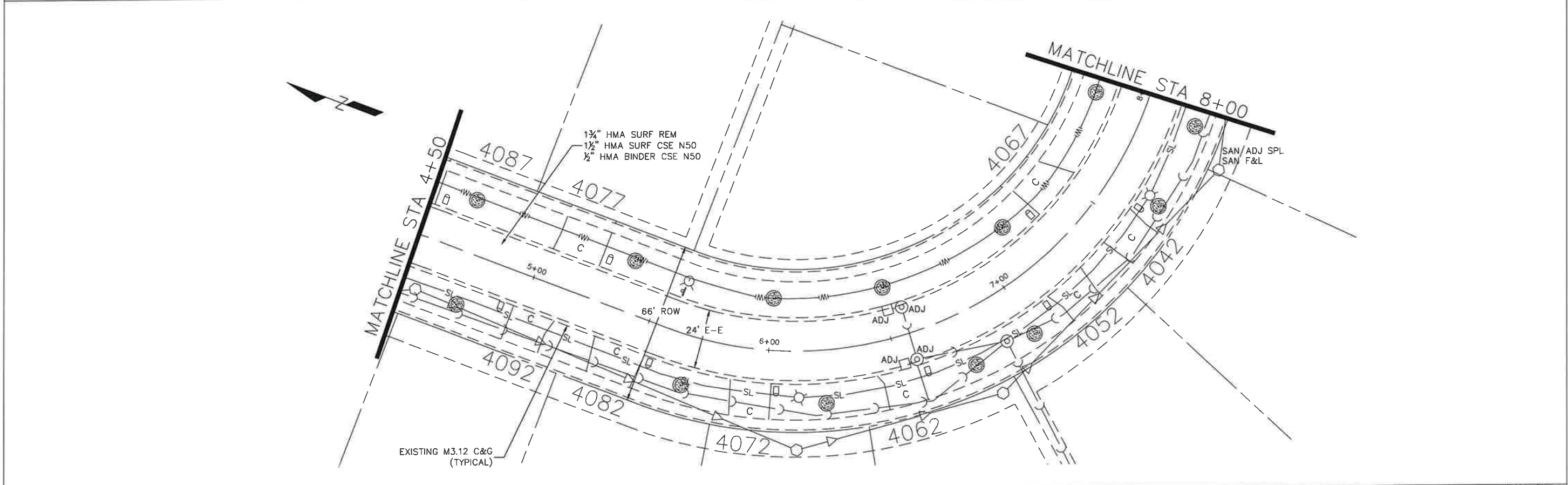
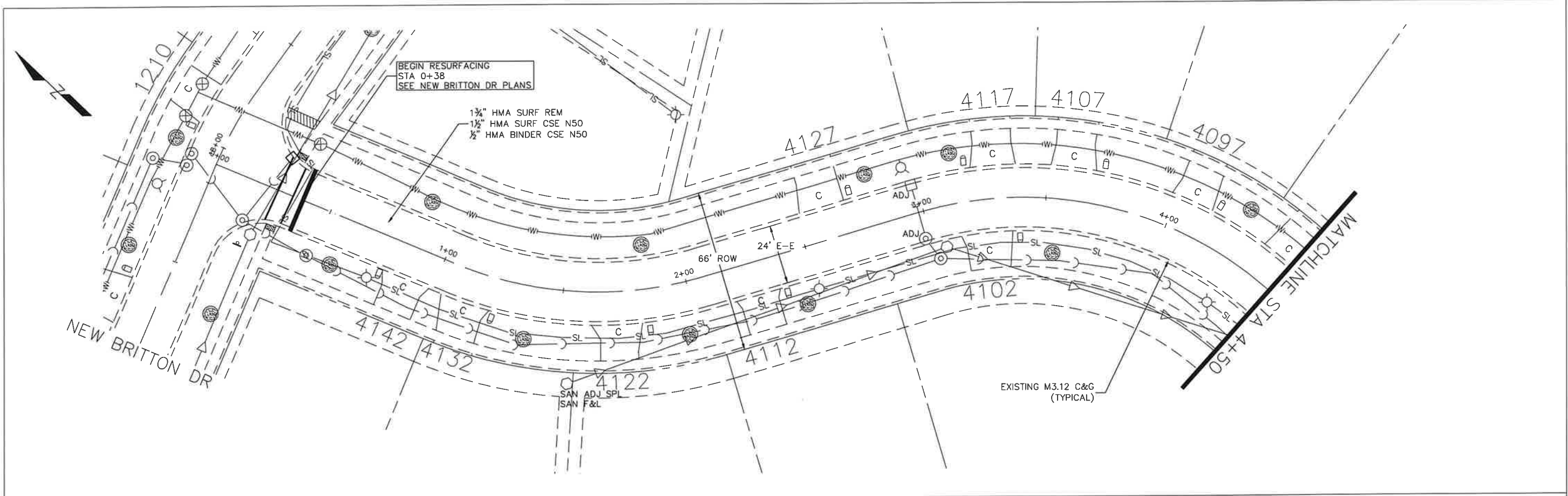
PROFILE	DATE	BY
DESIGNED		
DRAWN		
CHECKED		
DATE		
NO.		



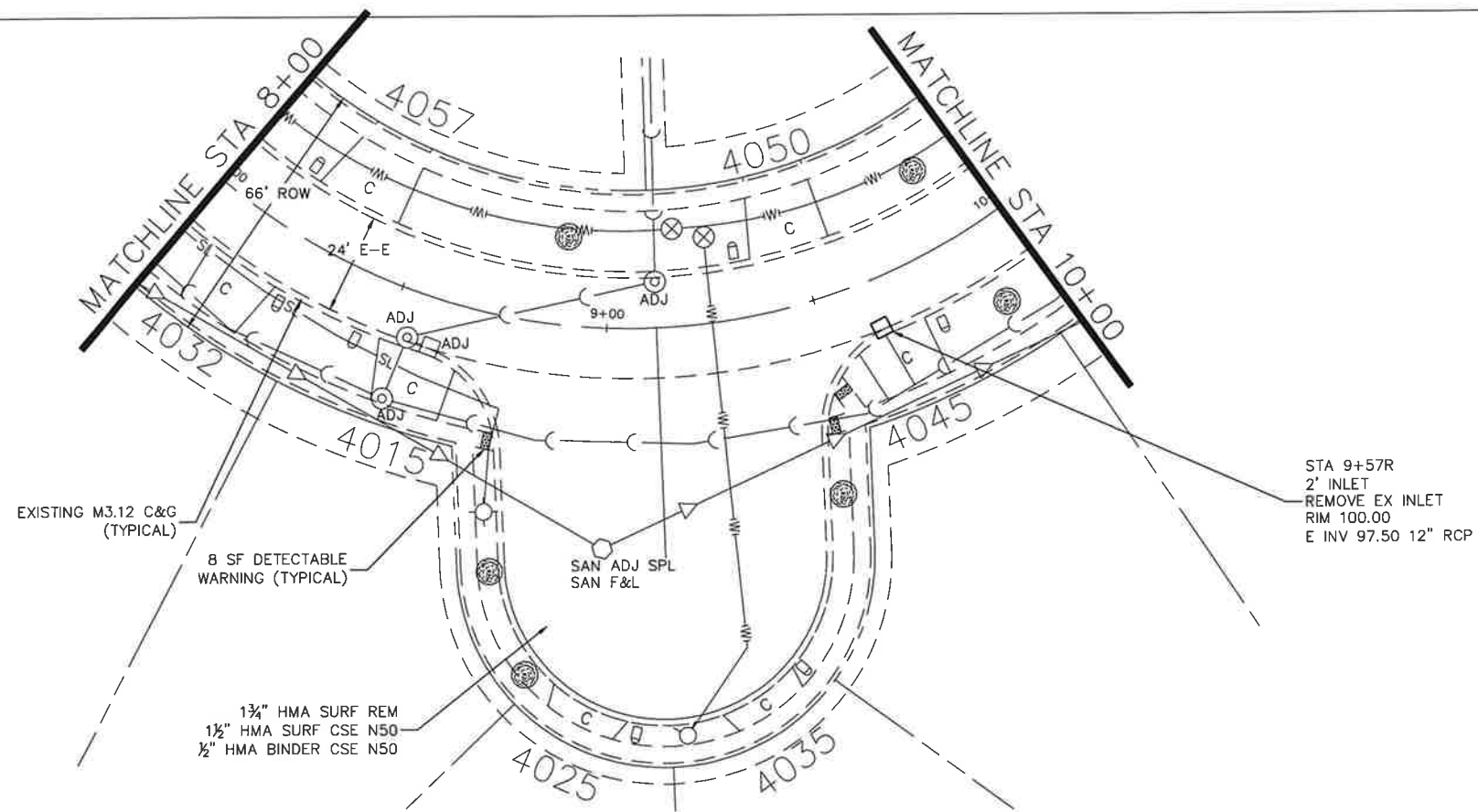
FILE NAME = Steffen Dr.dwg		DESIGNED - JGC	REVISED - 12/02/2025		VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Steffen Drive			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JGC	REVISED -							26-00119-00-RS	Cook	104	62
		CHECKED -AJW	REVISED -										
		DATE - 11/03/2025	REVISED -				SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA. 0+38 TO STA 7+15	ILLINOIS FED. AID PROJECT			

PLAN	DATE	BY	DATE
SURVEYED			
NOTED			
NOTED			
NOTE BOOK			
NO			

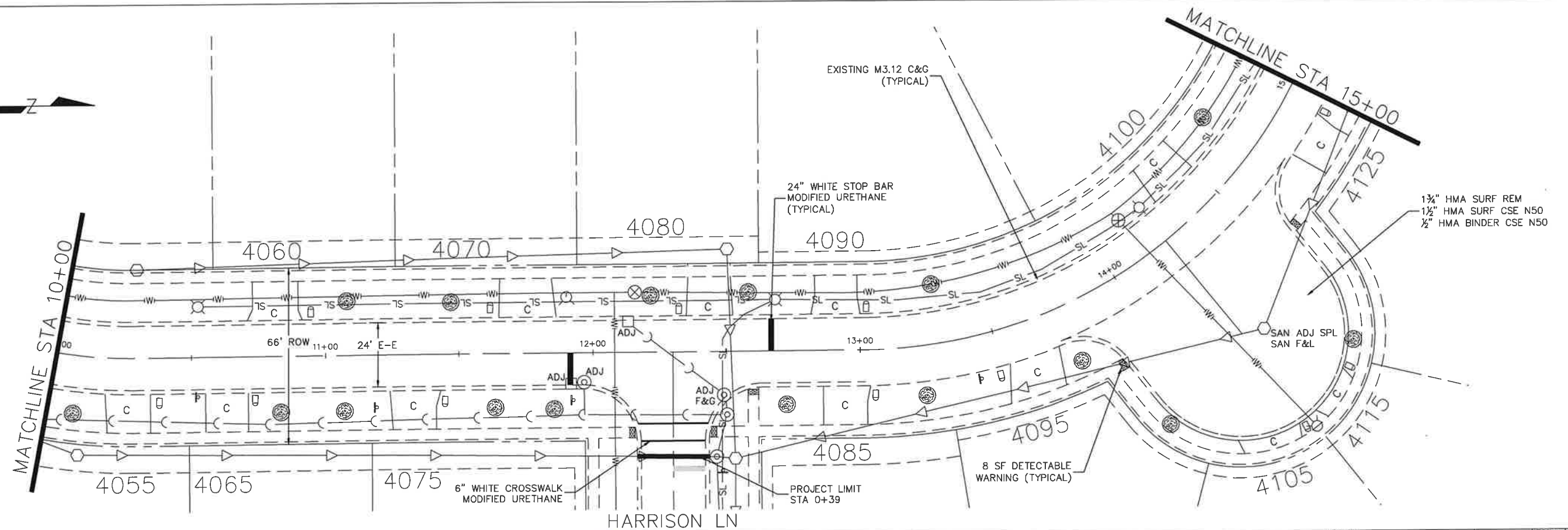
PROFILE	DATE	BY	DATE
SURVEYED			
NOTED			
NOTE BOOK			
NO			



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



PROFILE	SURVEYED	DATE	BY
	NOTED		
	ALIGNED		
	CHECKED		
	ST. OF WAY		
	NO.		

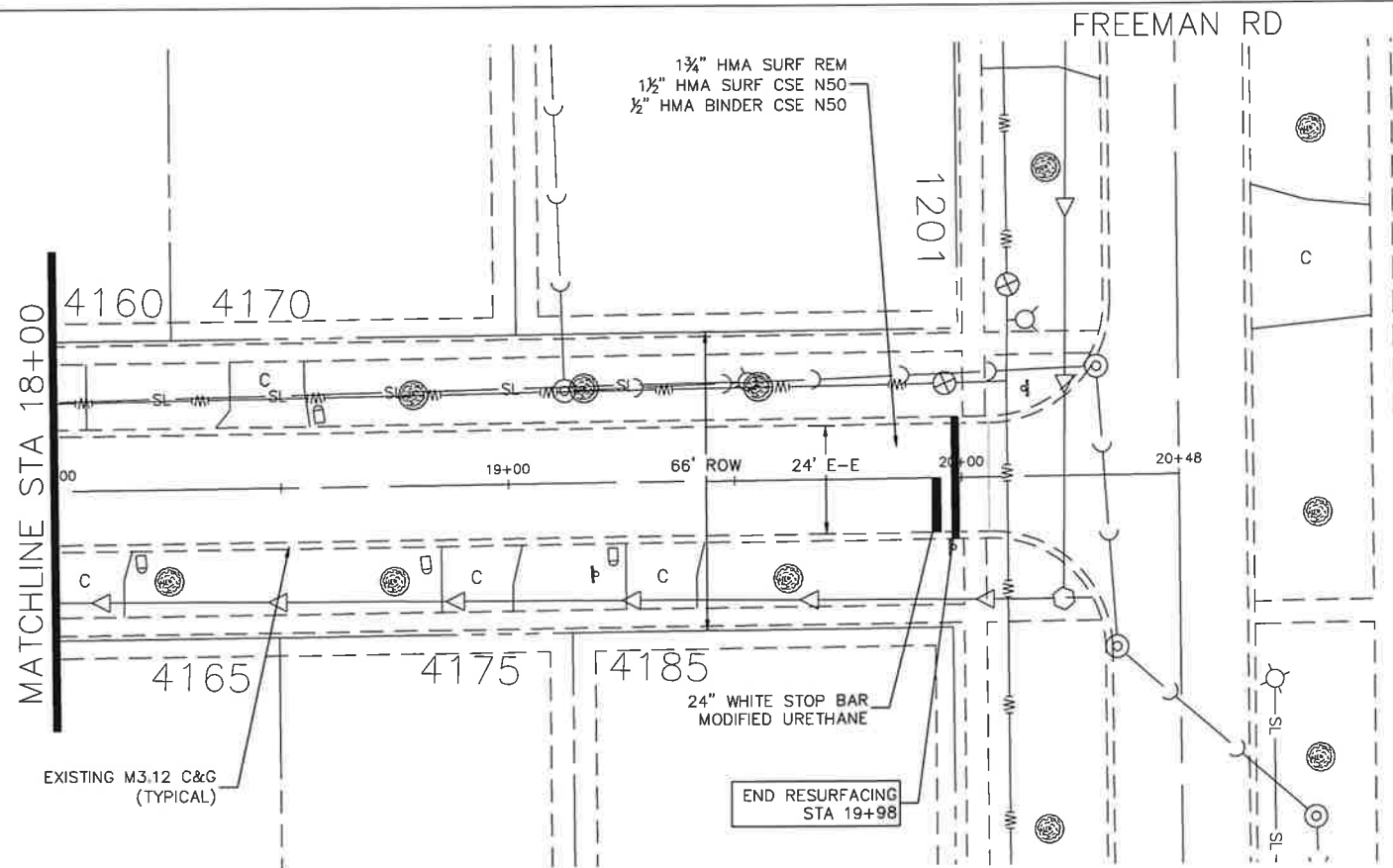
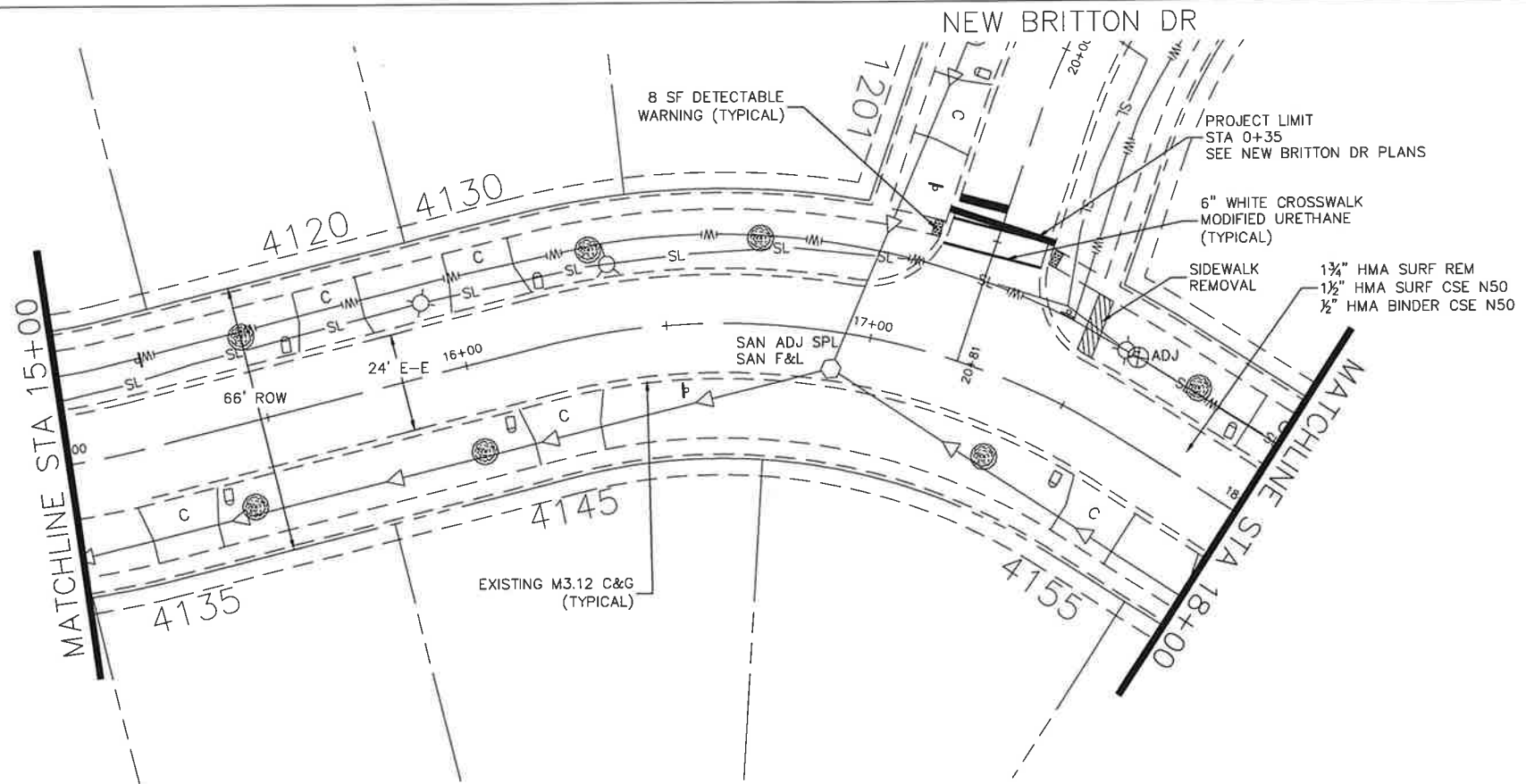


FILE NAME = Victoria Dr.dwg	DESIGNED - JGC DRAWN - JGC CHECKED - AJW DATE - 11/12/2025	REVISED -12/02/2025 REVISED - REVISED - REVISED -		VILLAGE OF HOFFMAN ESTATES 1900 Hassell Road, Hoffman Estates, IL 60169 Phone Number: 847 252-5800	2026 Street Revitalization Project Victoria Drive SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 8+00 TO STA 15+00	F.A.U. RTE.	SECTION 26-00119-00-RS	COUNTY Cook	TOTAL SHEETS 104	SHEET NO. 64
--------------------------------	---	--	---	---	--	----------------	---------------------------	----------------	------------------------	--------------------

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	NOTED	DATE
NOTE BOOK	NO.	NO.	NO.
NO.	NO.	NO.	NO.

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



FILE NAME -
Victoria Dr.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 11/12/2025

REVISED - 12/02/2025
REVISED -
REVISED -
REVISED -



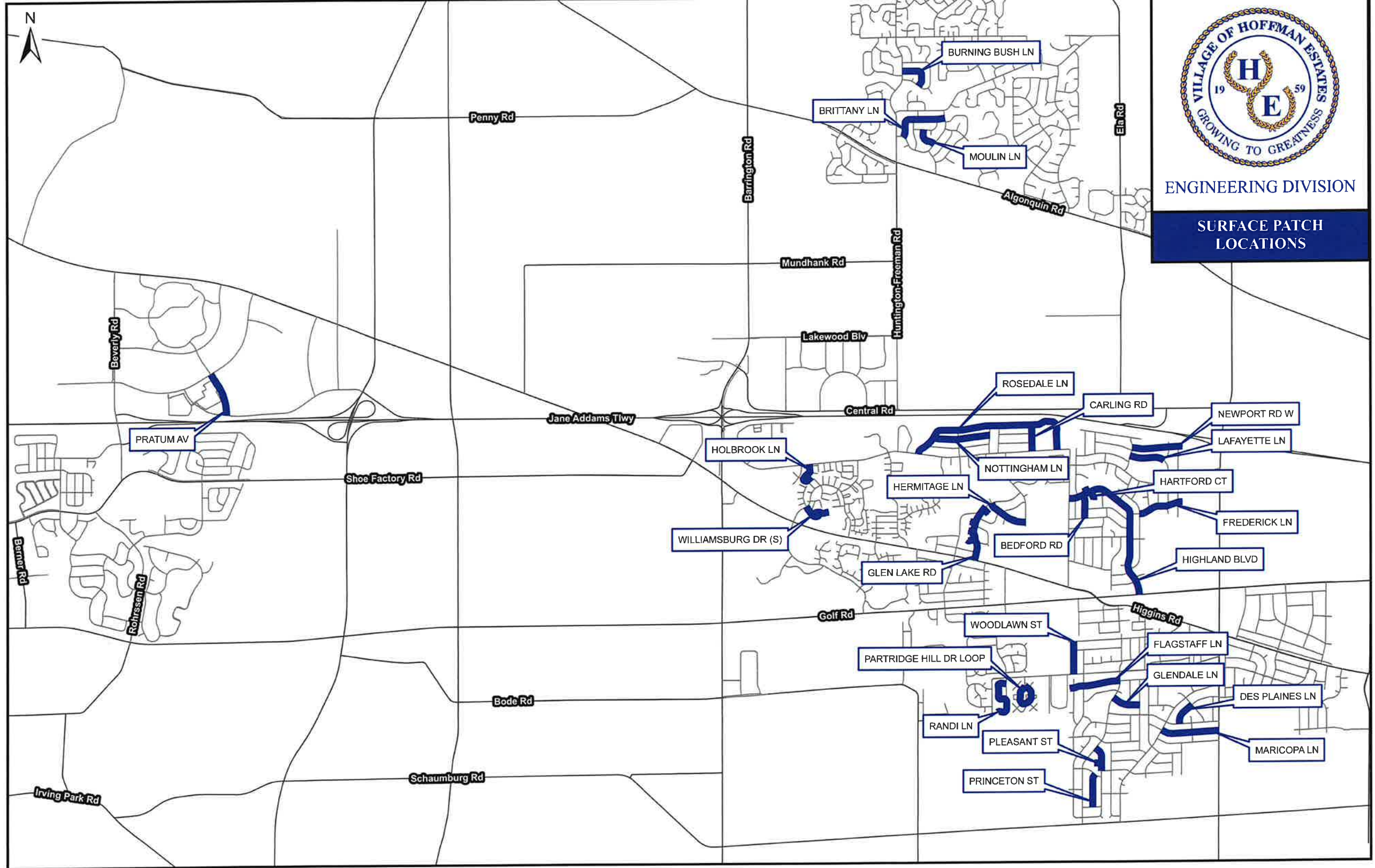
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Victoria Drive
SCALE: 1" = 20'
SHEET NO. 3 OF 3 SHEETS
STA. 15+00 TO STA 19+98

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	65
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
	CHECKED	DATE	BY
	ST. OF WAY CHECKED	DATE	BY

PROFILE	SURVEYED	DATE	BY
	NOTED	DATE	BY
	CHECKED	DATE	BY
	STRUCTURE NOTATIONS CHKD	DATE	BY



ENGINEERING DIVISION

SURFACE PATCH
LOCATIONS

FILE NAME -
Surface Patching Template.dwg

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED - AJW	REVISED -
DATE -	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hossell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Surface Patching

SHEET NO. 1 OF 3 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	66
ILLINOIS FED. AID PROJECT				

PROFILE	DATE	BY	DATE
SURVEYED			
PLOTTED			
GRADIES CHECKED			
B.M. NOTED			
STRUCTURE NOTATIONS O-K			
NO. _____			

HIGHLAND BLVD				
Address/Location	Approximate Length (FT)	Approximate Width (FT)	Approximate Area (SY)	Notes
1405 HIGHLAND BLVD	105.00	17.00	198.33	200' of 4" Yellow Pavement Markings
TOTAL			198.3 SY	

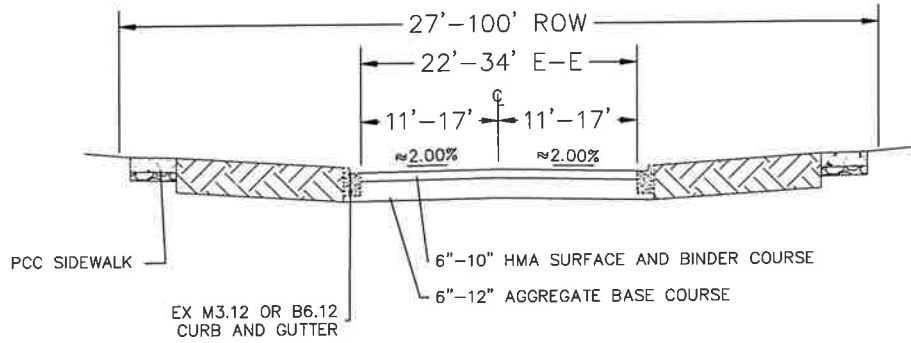
ROSEDALE LN				
Address/Location	Approximate Length (FT)	Approximate Width (FT)	Approximate Area (SY)	Notes
1415 ROSEDALE LN	90.00	8.00	80.00	
TOTAL			80.0 SY	

WOODLAWN ST				
Address/Location	Approximate Length (FT)	Approximate Width (FT)	Approximate Area (SY)	Notes
865 WOODLAWN ST	30.00	12.00	40.00	
870 WOODLAWN ST	60.00	12.00	80.00	
890 WOODLAWN ST	35.00	12.00	46.67	
910 WOODLAWN ST	65.00	12.00	86.67	
TOTAL			253.3 SY	

PLAN	DESIGNED	DATE	BY
	DRAWN	DATE	BY
	CHECKED	DATE	BY
	NO.	DATE	BY

PROFILE	DESIGNED	DATE	BY
	DRAWN	DATE	BY
	CHECKED	DATE	BY
	NO.	DATE	BY

EXISTING TYPICAL SECTION
VARIOUS STREETS



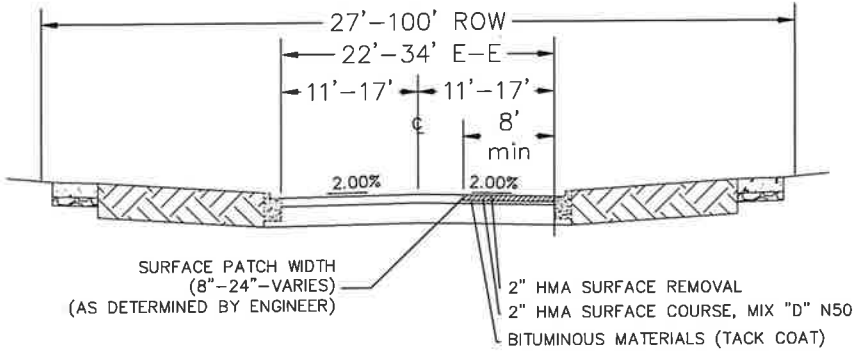
VARIOUS STREETS

HOT-MIX ASPHALT MIXTURE REQUIREMENT		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4.5"	4% @ 50 GYR	QC/QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"	4% @ 50 GYR	QC/QA

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.

PAVEMENT DESIGN			
ADT	1,000	DESIGN PG BINDER	PG 64-22
PV	930	DESIGN PAVEMENT HMA TEMPERATURE	74° F
SU	50	DESIGN HMA MODULUS	720 KSI
MU	20	DESIGN HMA MICROSTRAIN	147
SUBGRADE SUPPORT RATING	POOR	DESIGN PAVEMENT THICKNESS	6"
FLEXIBLE TRAFFIC FACTOR	0.13	SUBGRADE	12"

PROPOSED TYPICAL SECTION
VARIOUS STREETS



NOTE:
1. FINISHED PAVEMENT TO BE 1/4" ABOVE EDGE OF GUTTER

FILE NAME =
Surface Patching Template.dwg

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -AJW	REVISED -
DATE -	REVISED -

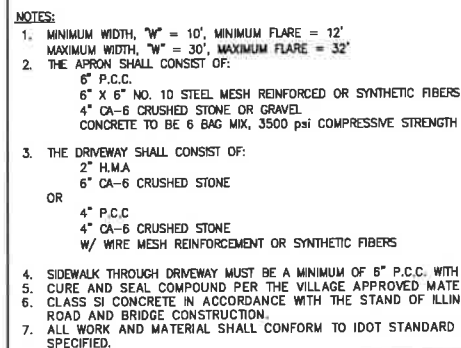


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Surface Patching

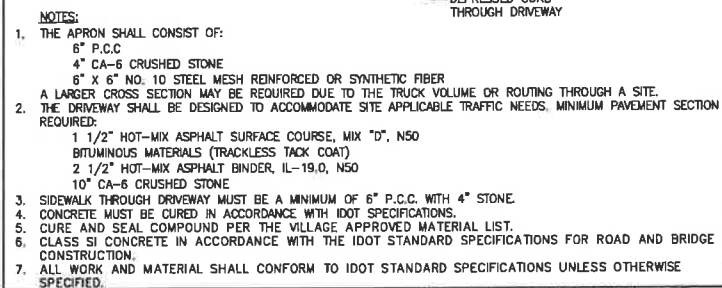
SHEET NO. 3 OF 3 SHEETS

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	68
ILLINOIS FED. AID PROJECT				



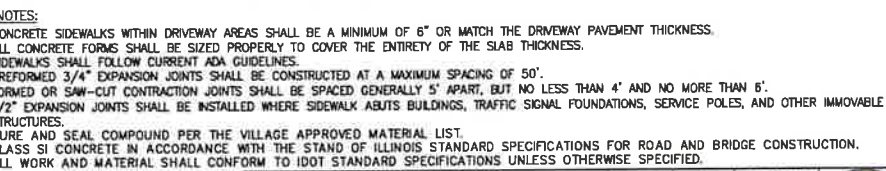
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS		
DATE	01/01/26	NO.	BY	DATE
DRAFTER	MRC			
SHEET NO. 1 OF 1				

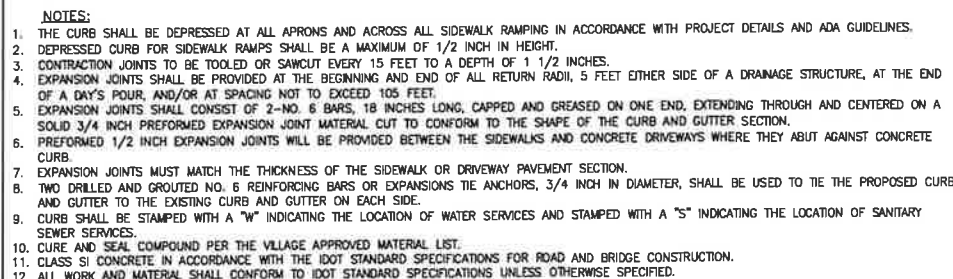


VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.		
1 OF 1		

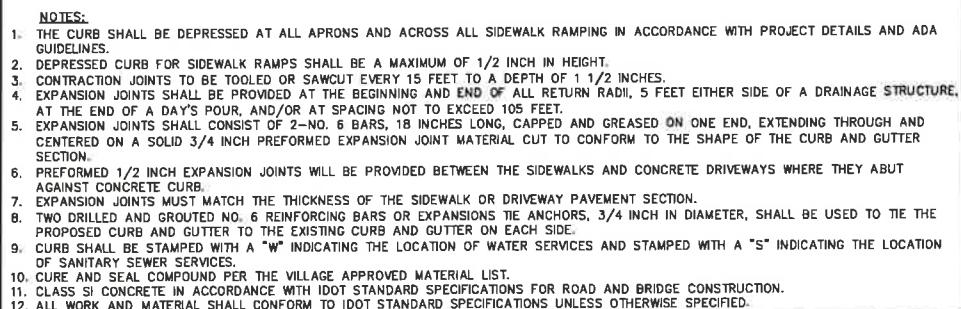
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.		
1 OF 1		



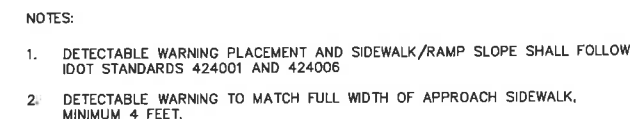
VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/20	NO. BY DATE
DRAFTER	MRC	
SHEET NO.		
1 OF 1		

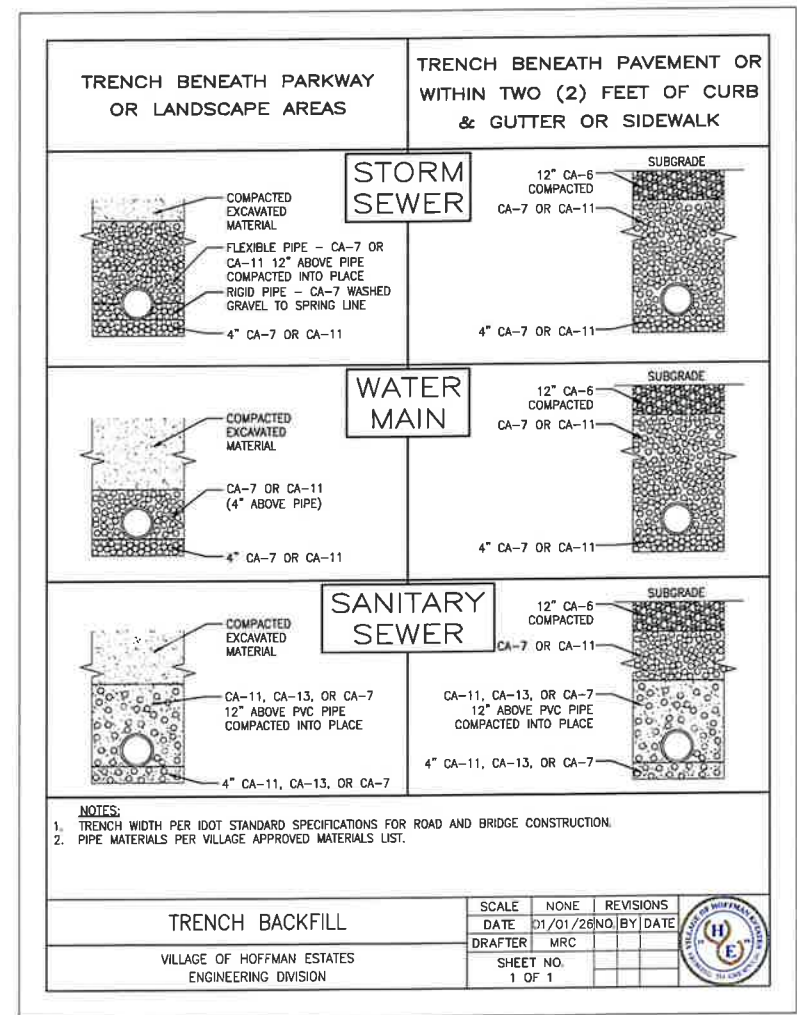
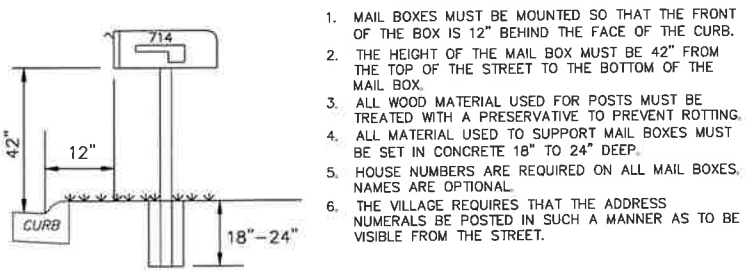
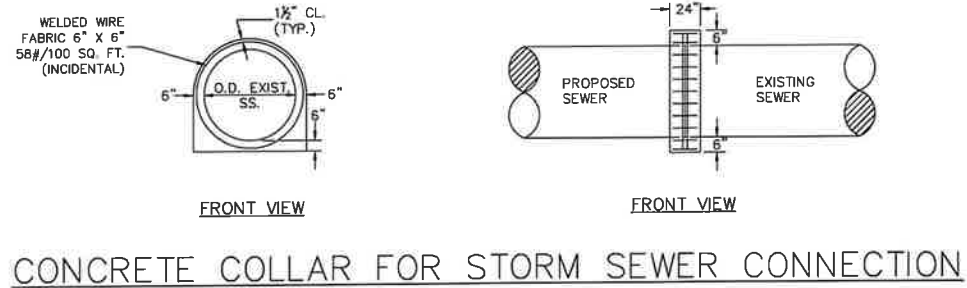
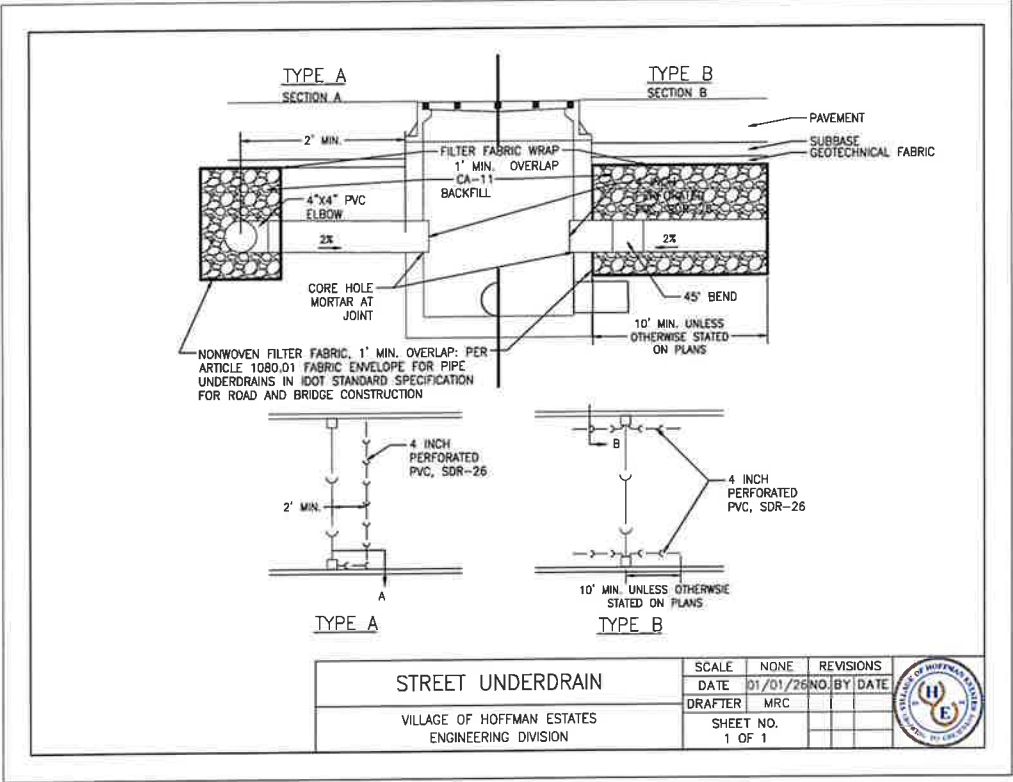


VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

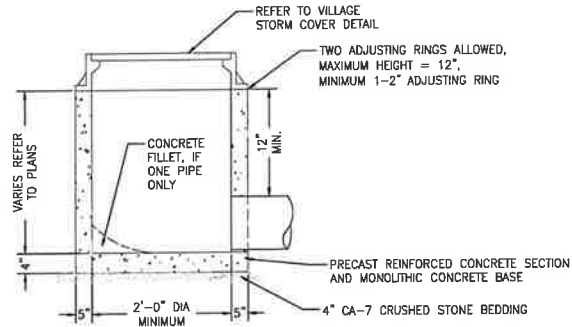
SCALE	NONE	REVISIONS	
DATE	01/01/2010	NO.	BY DATE
DRAFTER	MRC		
SHEET NO.			
1 OF 1			



Equalization Project Details	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		26-00119-00-RS	Cook	104	69
		CONTRACT. NO.			
		[11] None			



FRAME & LID		
	NEENAH	EAST JORDAN
CLOSED COVER	R-1713-W WITH R-1772	00102280
OPEN COVER	R-1713-W WITH R-1772	00102030
B-6.12 CURB	R-3278-A	00722031C01
M-3.12 CURB	R-3501-P	00752530C01
DEPRESSED	R-3281-A	00721046C02
BEEHIVE	R-4340-B	00652741



- NOTES:
1. ONLY PRECAST STRUCTURES ALLOWED.
 2. FRAME AND GRATE SHALL BE MORTARED TO THE INLET STRUCTURE.
 3. PRECAST CONCRETE BASE MUST BE INTEGRALLY CAST WITH THE LOWEST WALL SECTION.
 4. ALL GRATES PROVIDED SHALL BE BICYCLE SAFE.
 5. ALL STRUCTURES LOCATED IN THE PAVEMENT SHALL FOLLOW THE WEEPHOLE DETAIL.

2'Ø INLET

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

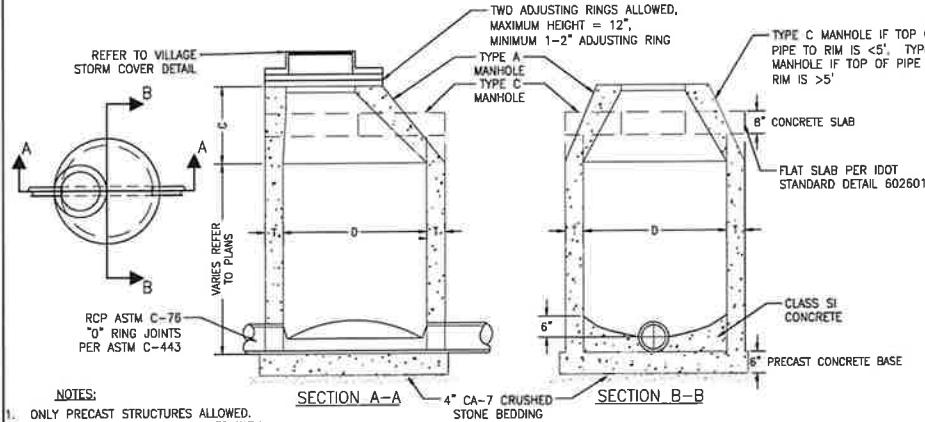
SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1 OF 1	



FRAME & GRATE		
	NEENAH	EAST JORDAN
CLOSED COVER	R-1713-W WITH R-1772	00102280
OPEN COVER	R-1713-W WITH R-1772	00102030
B-6.12 CURB	R-3278-A	00722031C01
M-3.12 CURB	R-3501-P	00752530C01
DEPRESSED	R-3281-A	00721046C02
BEEHIVE	R-4340-B	00652741

MANHOLE DIMENSIONS			
	D	C *	T (MIN.)
PRECAST	4'-0"	2'-6"	0'-4"
REINFORCED	5'-0"	3'-9"	0'-5"
CONCRETE SECTION	6'-0"	5'-0"	0'-6"

* CAN VARY

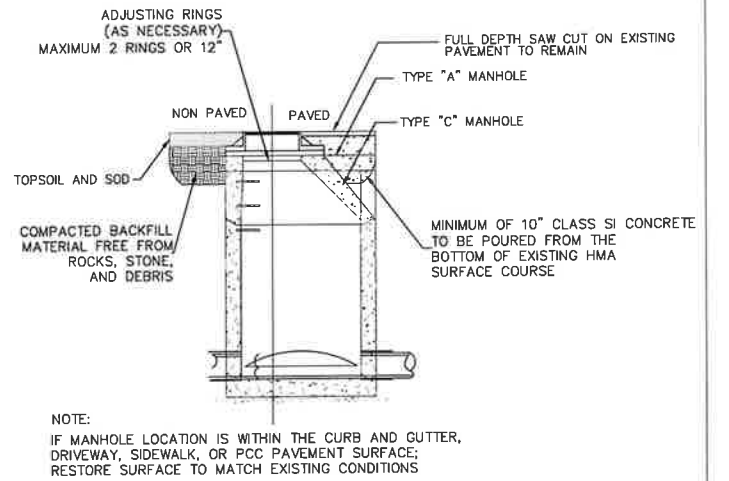


- NOTES:
1. ONLY PRECAST STRUCTURES ALLOWED.
 2. MANHOLE SECTIONS TO BE JOINED WITH ROPE TYPE MASTIC (E-Z STICK OR EQUAL).
 3. PRECAST CONCRETE BASE MUST BE INTEGRALLY CAST WITH THE LOWEST WALL SECTION.
 4. ALL STRUCTURES LOCATED IN THE PAVEMENT SHALL FOLLOW THE WEEPHOLE DETAIL.

STORM MANHOLE TYPES A & C

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1 OF 1	



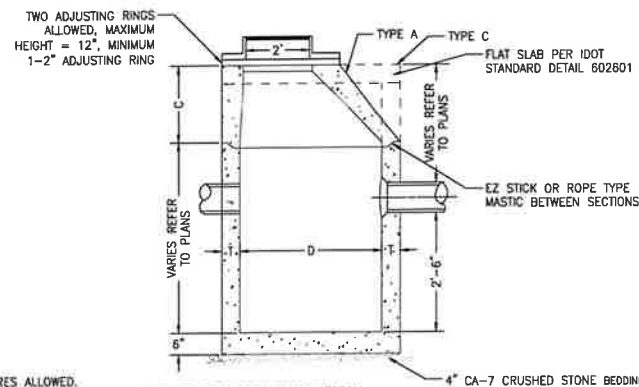
- NOTE:
- IF MANHOLE LOCATION IS WITHIN THE CURB AND CUTTER, DRIVEWAY, SIDEWALK, OR PCC PAVEMENT SURFACE, RESTORE SURFACE TO MATCH EXISTING CONDITIONS

MANHOLE RESTORATION DETAIL

FRAME & GRATE		
	NEENAH	EAST JORDAN
CLOSED COVER	R-1713-W WITH R-1772	00102280
OPEN COVER	R-1713-W WITH R-1772	00102030
B-6.12 CURB	R-3278-A	00722031C01
M-3.12 CURB	R-3501-P	00752530C01
DEPRESSED	R-3281-A	00721046C02
BEEHIVE	R-4340-B	00652741

MANHOLE DIMENSIONS			
	D	C *	T (MIN.)
PRECAST	4'-0"	2'-6"	0'-4"
REINFORCED	5'-0"	3'-9"	0'-5"
CONCRETE SECTION	6'-0"	5'-0"	0'-6"

* CAN VARY

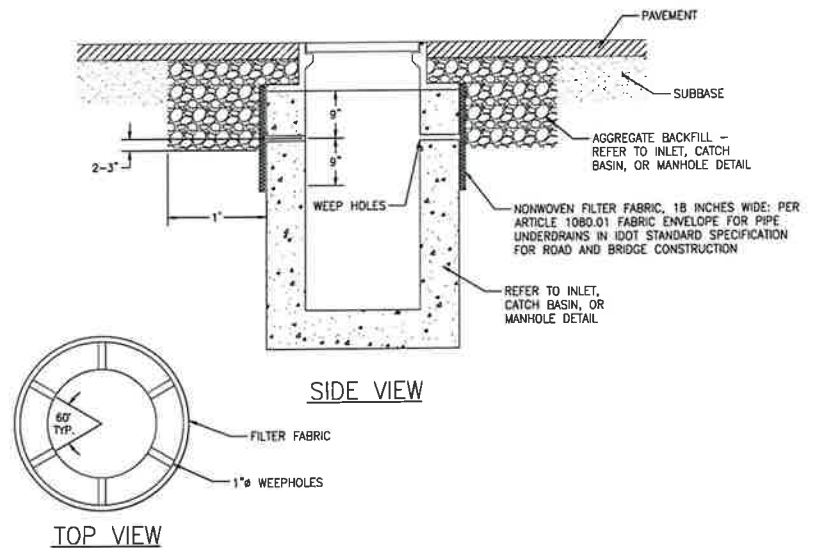


- NOTES:
1. ONLY PRECAST STRUCTURES ALLOWED.
 2. PRECAST CONCRETE BASE MUST BE INTEGRALLY CAST WITH THE LOWEST WALL SECTION.
 3. THE FRAME AND GRATE SHALL BE MORTARED TO THE CONCRETE STRUCTURE.
 4. ALL STRUCTURES LOCATED IN THE PAVEMENT SHALL FOLLOW THE WEEPHOLE DETAIL.

CATCH BASIN TYPE A & C

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1 OF 1	



- NOTES:
1. SECURE FILTER FABRIC WITH CLAMPS OR MASTIC.
 2. ALL STORM STRUCTURES IN PAVEMENT SHALL FOLLOW THIS DETAIL.

WEEPHOLE

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1 OF 1	



FILE NAME =
2026 VOHE Details.dwg

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

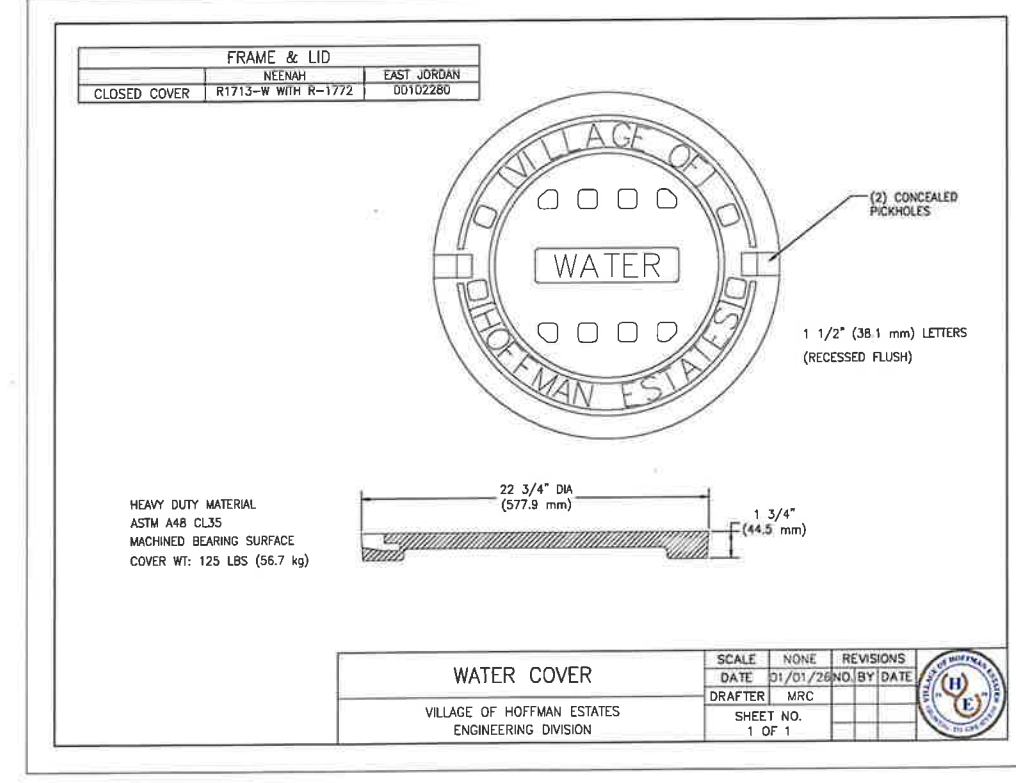
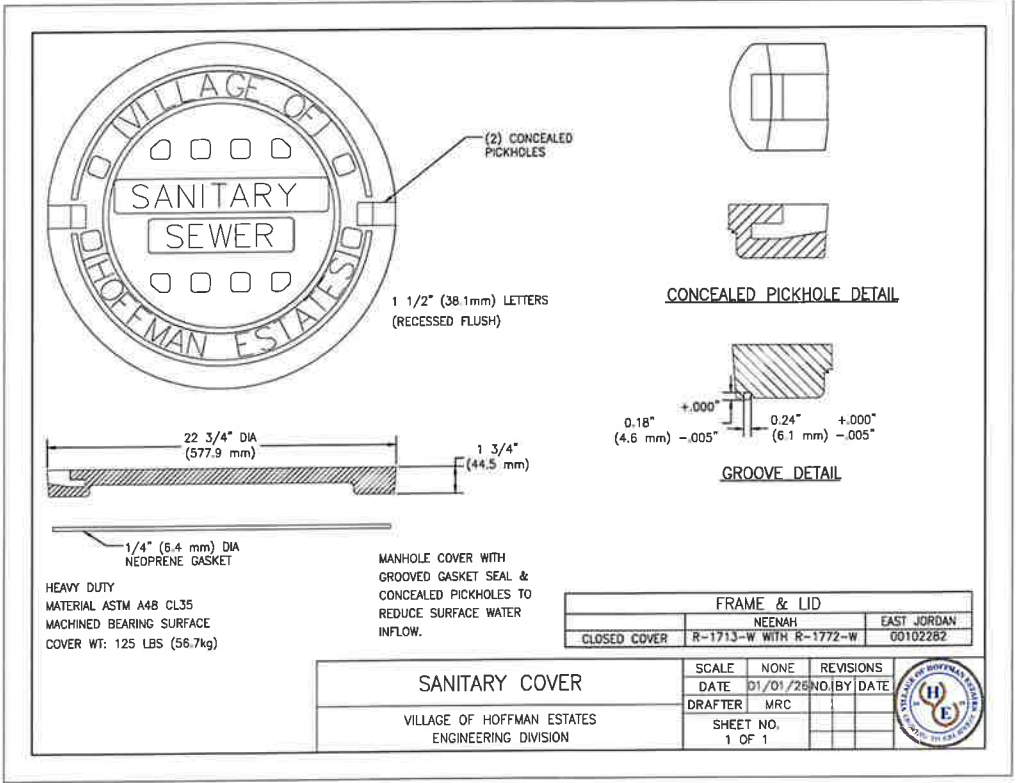
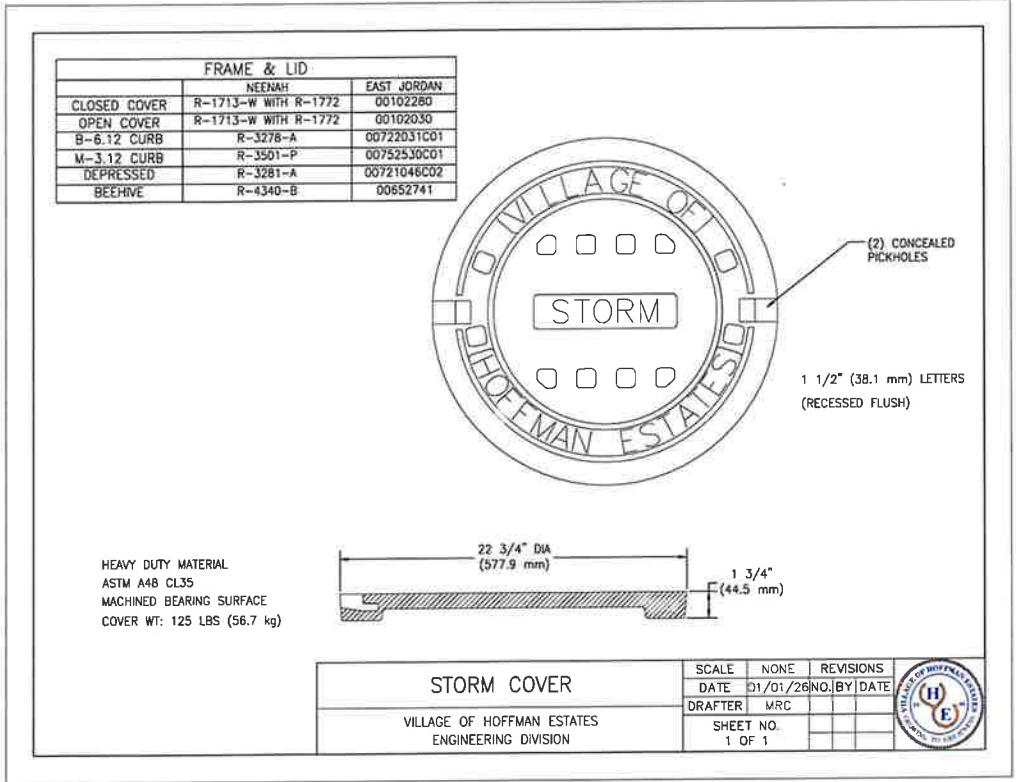
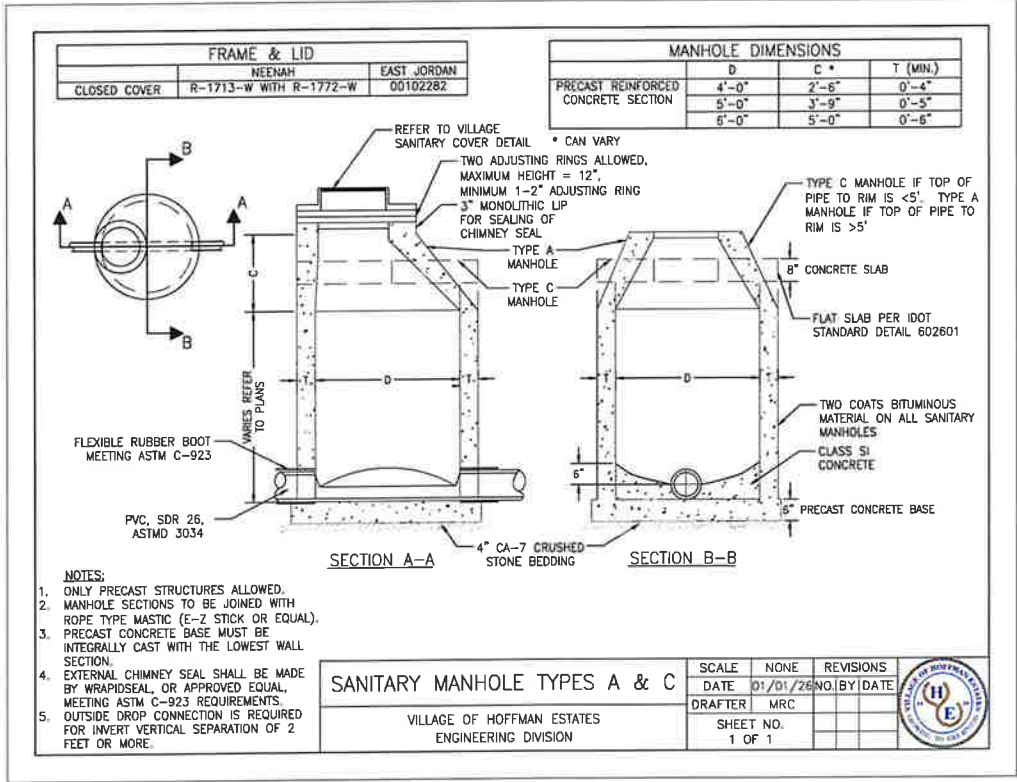


VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
VOHE Details

SCALE: NTS SHEET NO. 3 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	71
CONTRACT, NO.				
ILLINOIS				



FILE NAME =
2026 VOHE Details.dwg

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

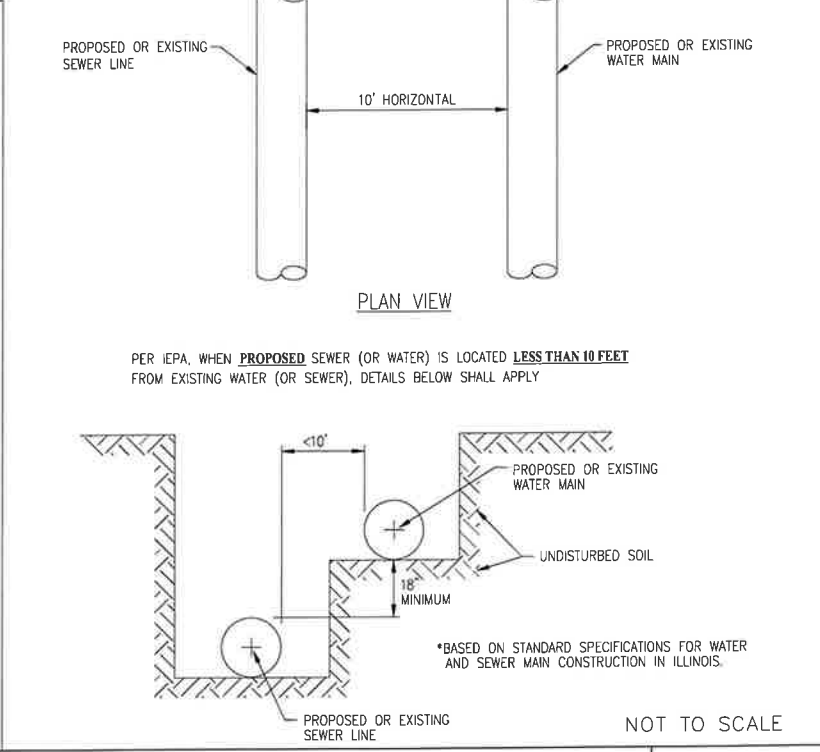
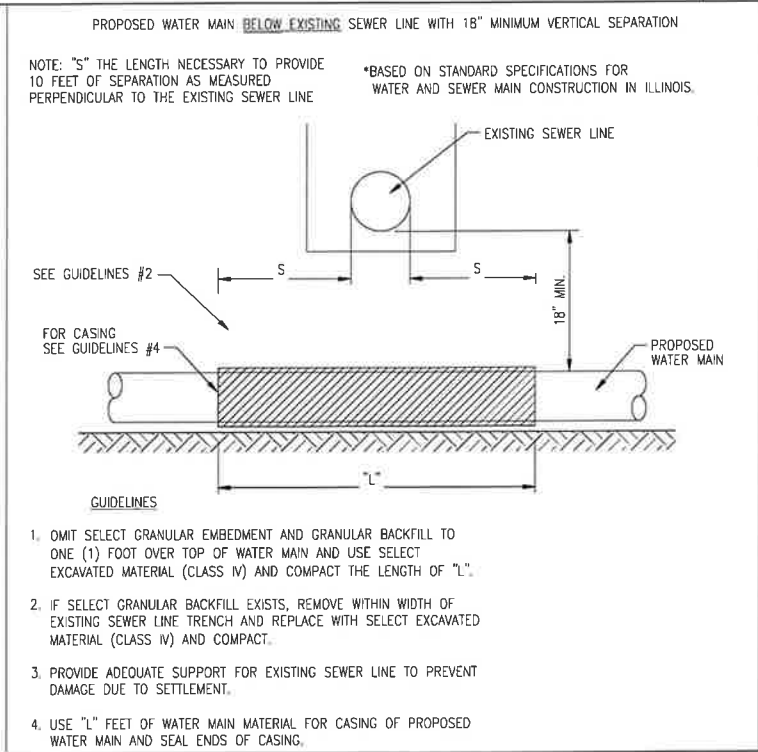
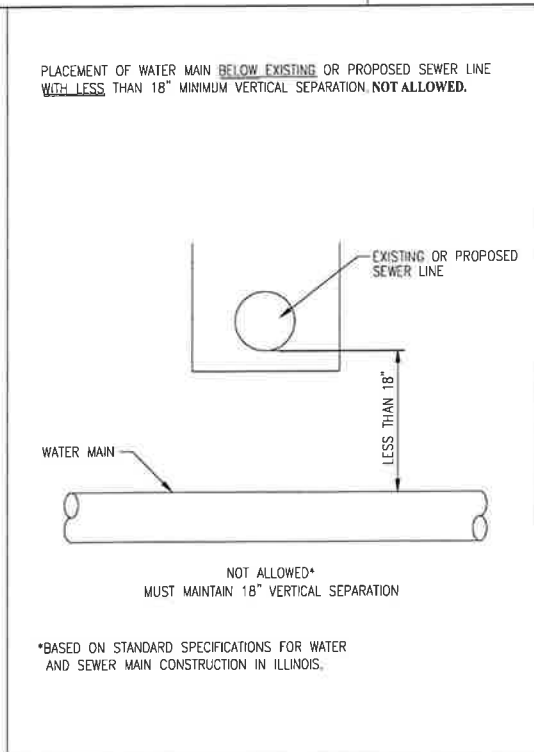
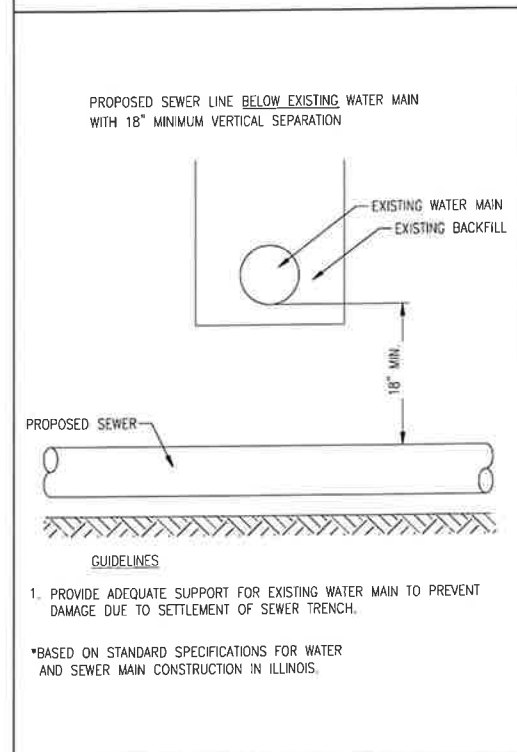
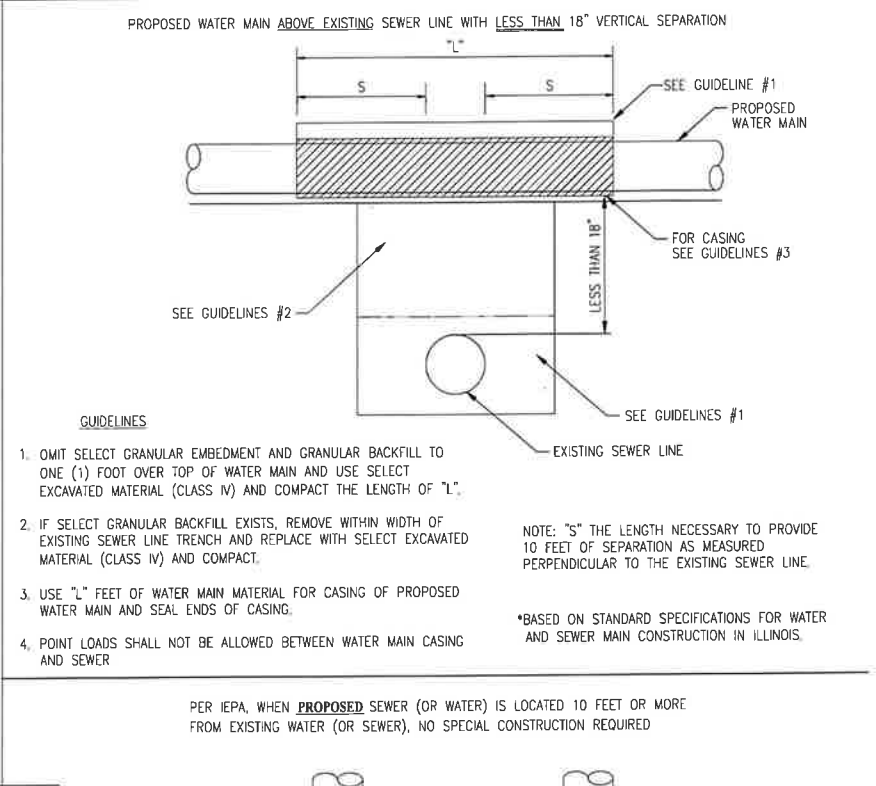
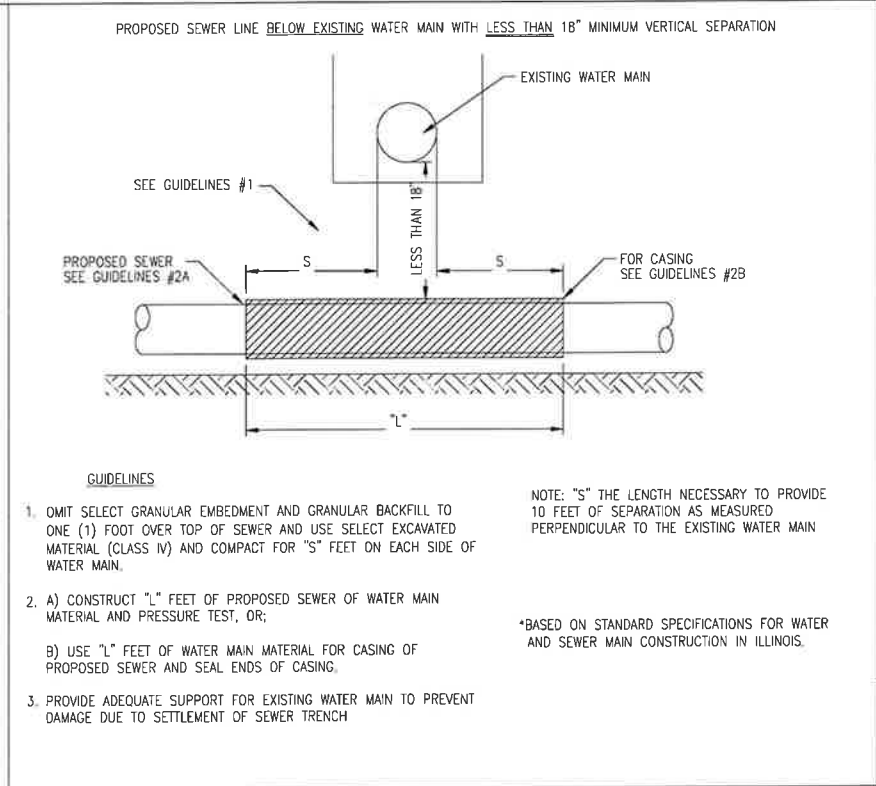
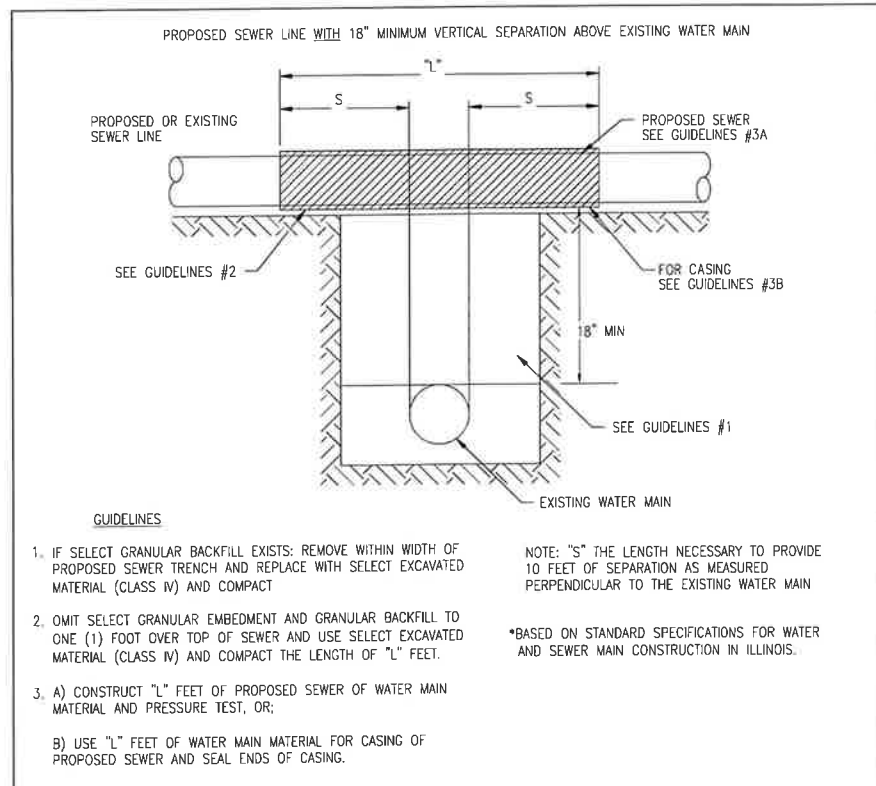


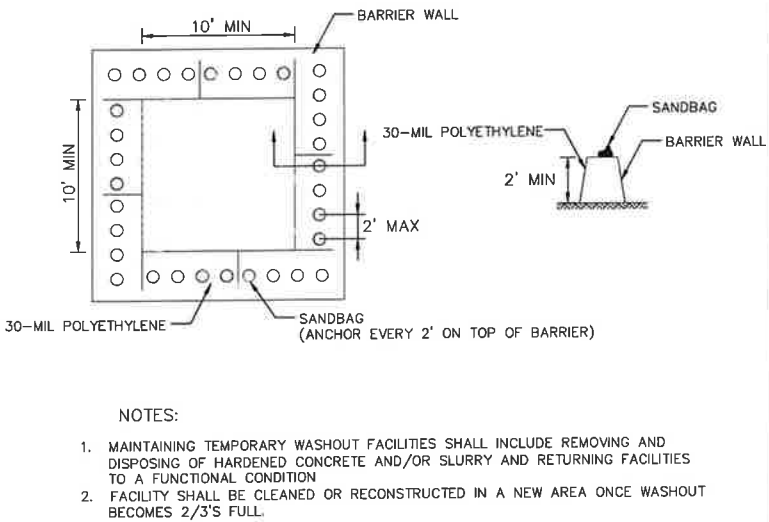
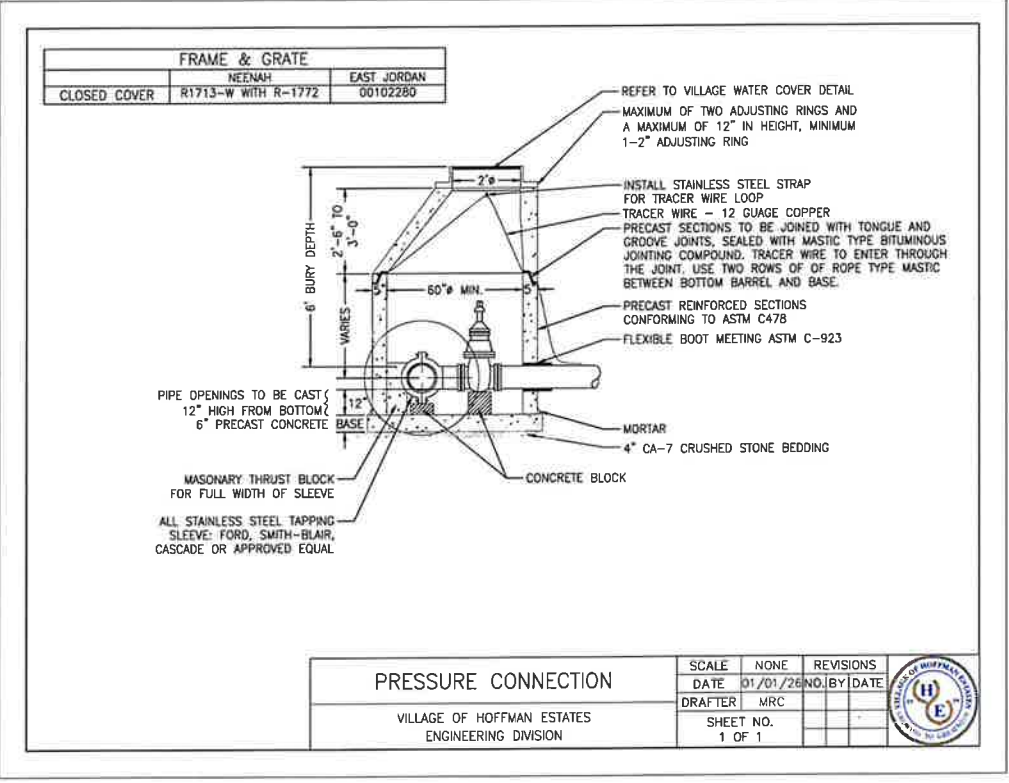
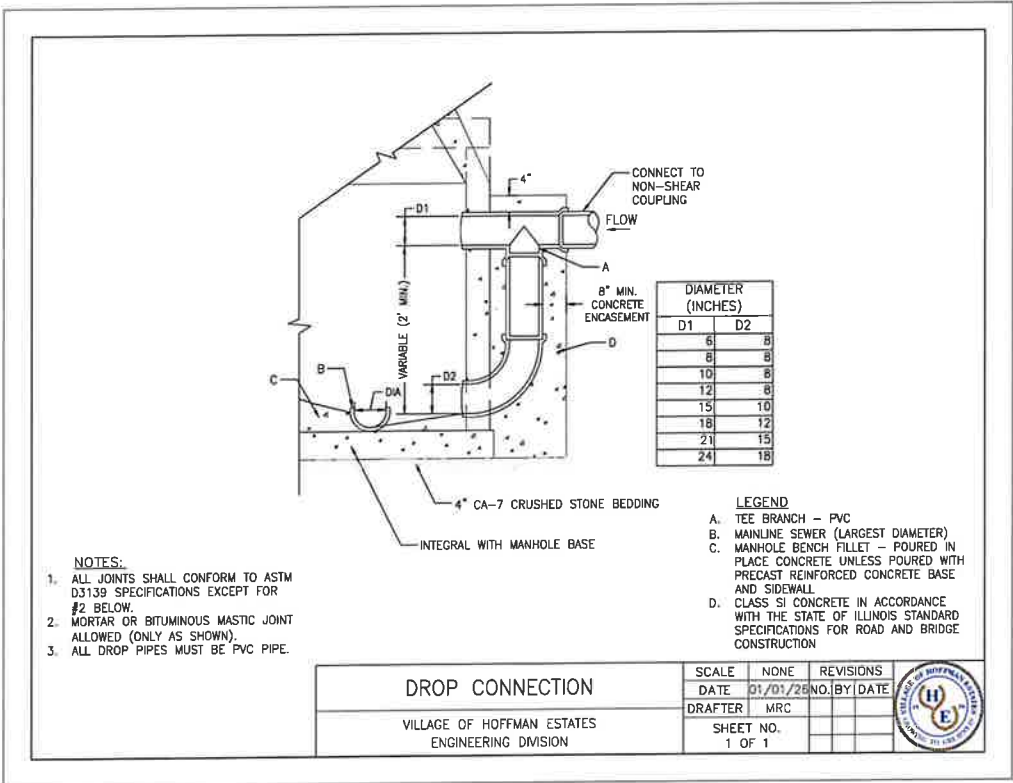
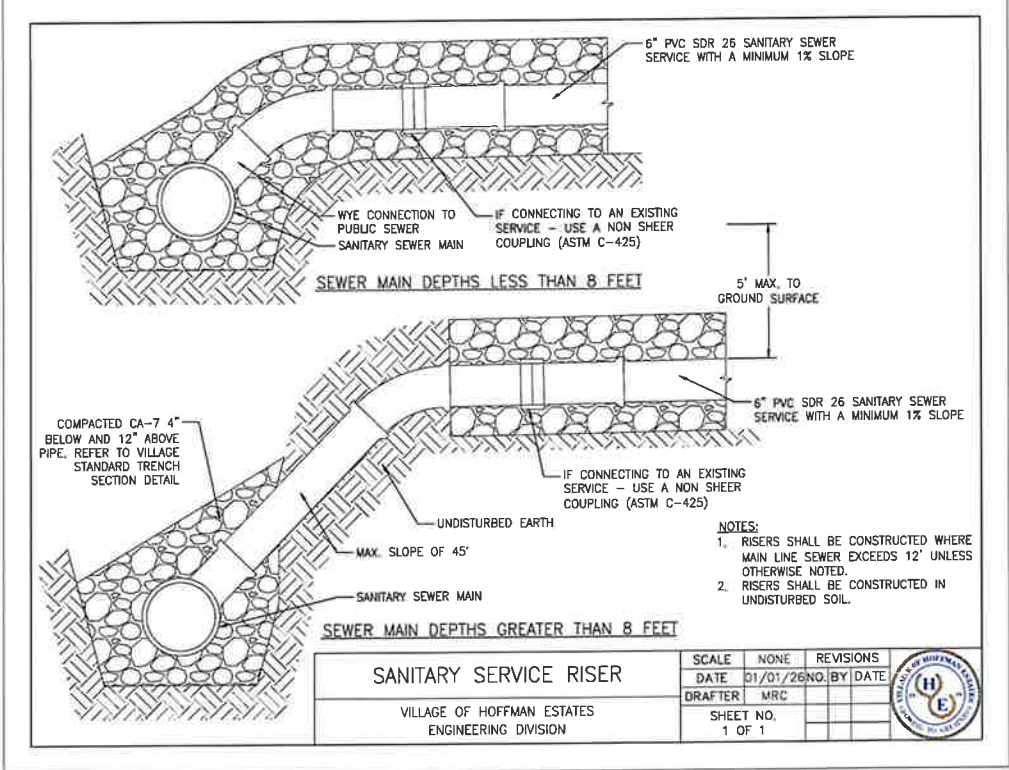
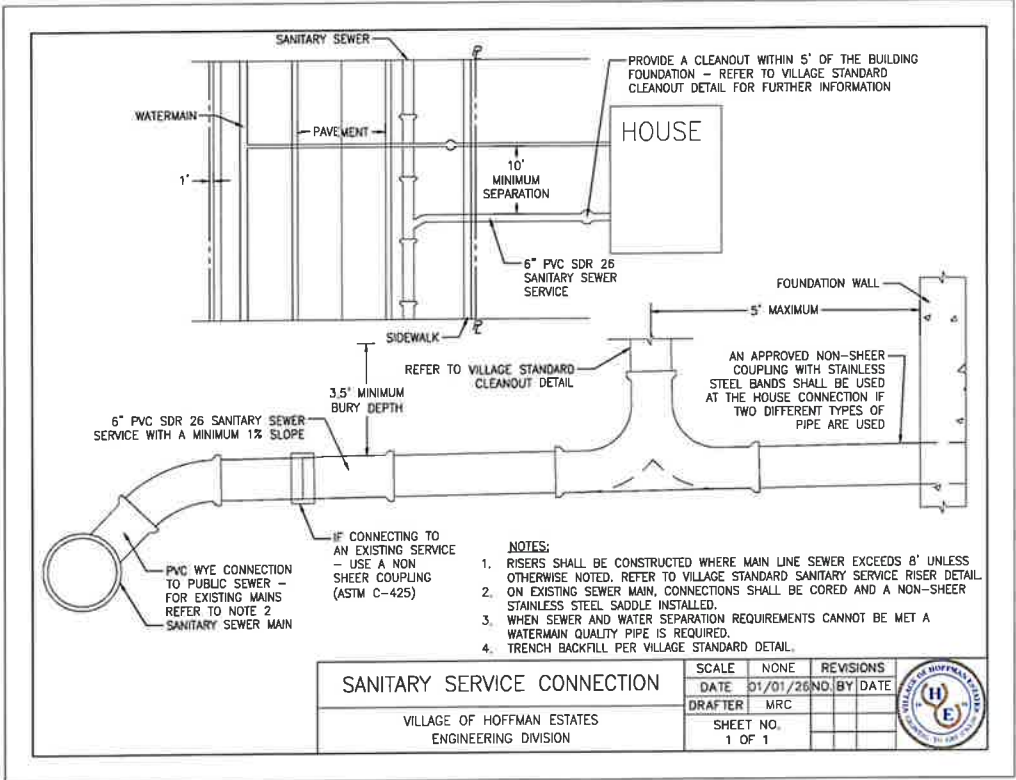
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
VOHE Details

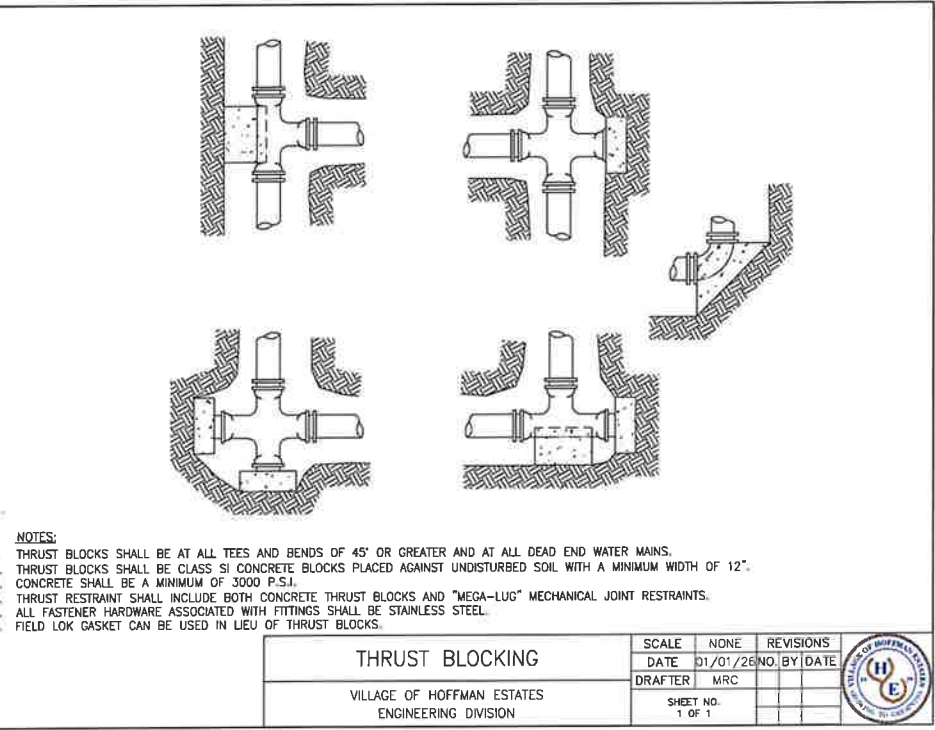
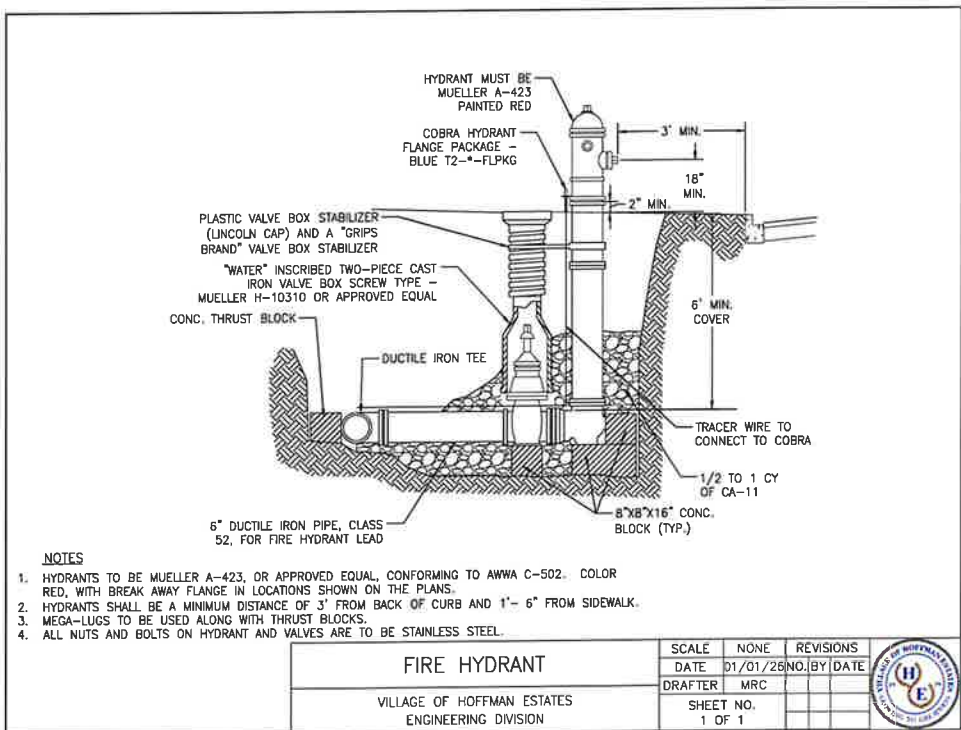
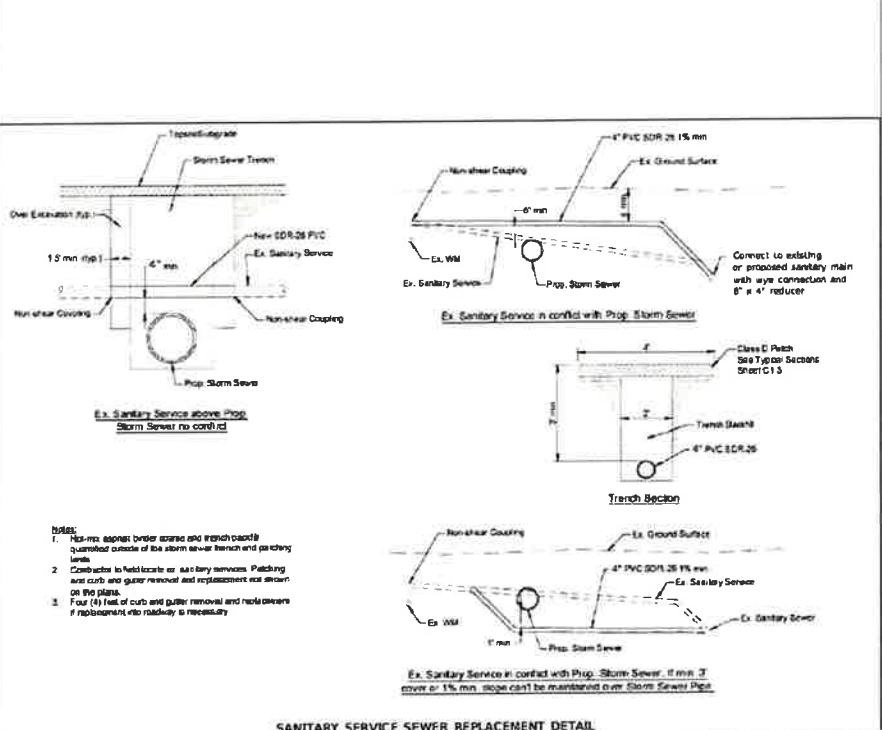
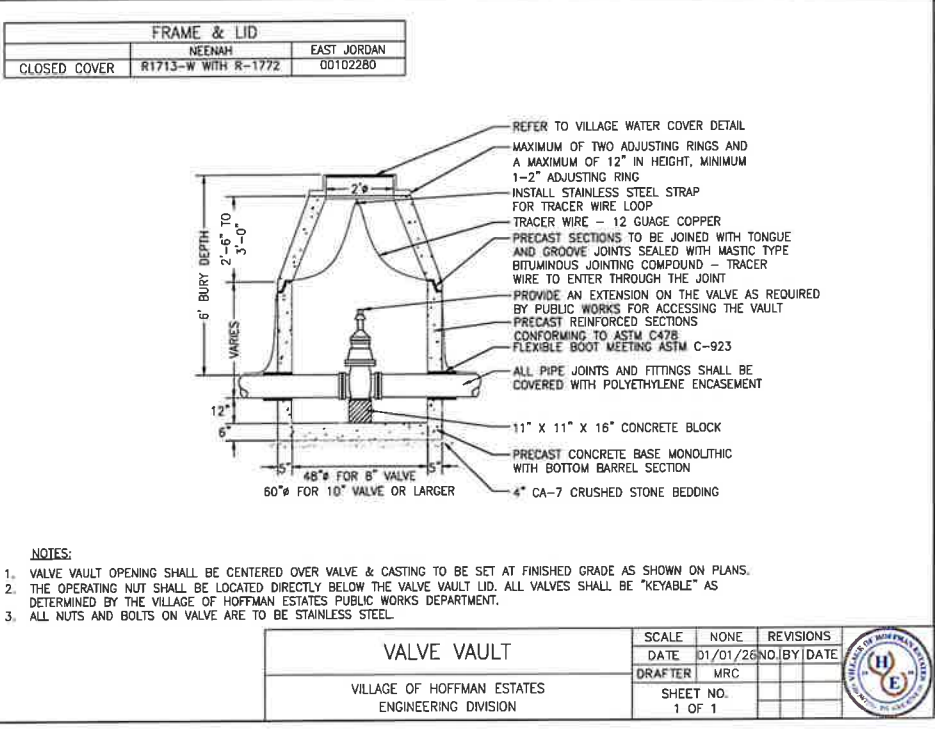
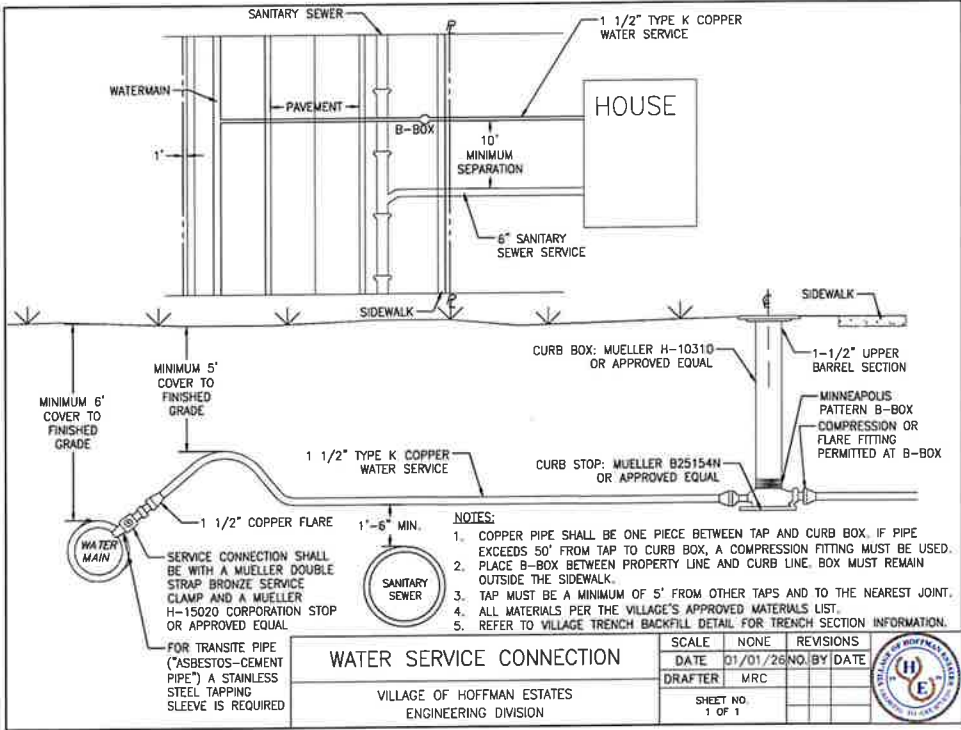
SCALE: NTS SHEET NO. 4 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	72
CONTRACT. NO.				
ILLINOIS				

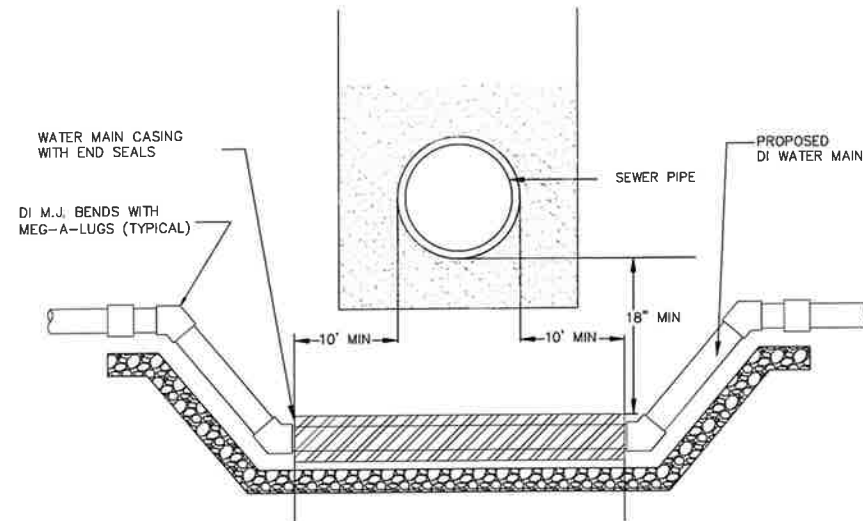




CONCRETE WASHOUT DETAIL

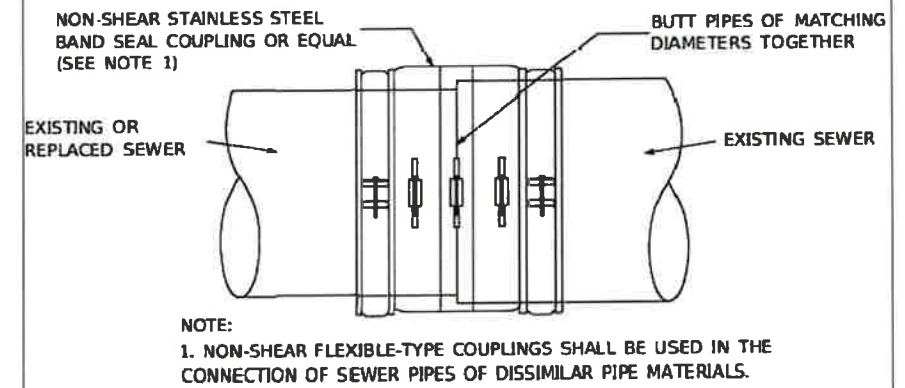


THRUST RESTRAINT TABLE			
TYPE	6"	8"	
Horizontal Bend, 11.25°	1	2	
Horizontal Bend, 22.5°	2	3	
Horizontal Bend, 45°	4	6	
Horizontal Bend, 90°	10	13	
Vertical Up Bend, 11.25°	1	2	
Vertical Up Bend, 22.5°	2	3	
Vertical Up Bend, 45°	4	6	
Vertical Up Bend, 90°	10	13	
Vertical Down Bend, 11.25°	3	3	
Vertical Down Bend, 22.5°	5	6	
Vertical Down Bend, 45°	9	12	
Vertical Down Bend, 90°	22	29	
Tee 8" Equal	-	14.1	
Tee 8"R x 6"B	-	10.7	
Reducer 8" x 6"	5.9	7.7	
Dead End and Valve	11	15	

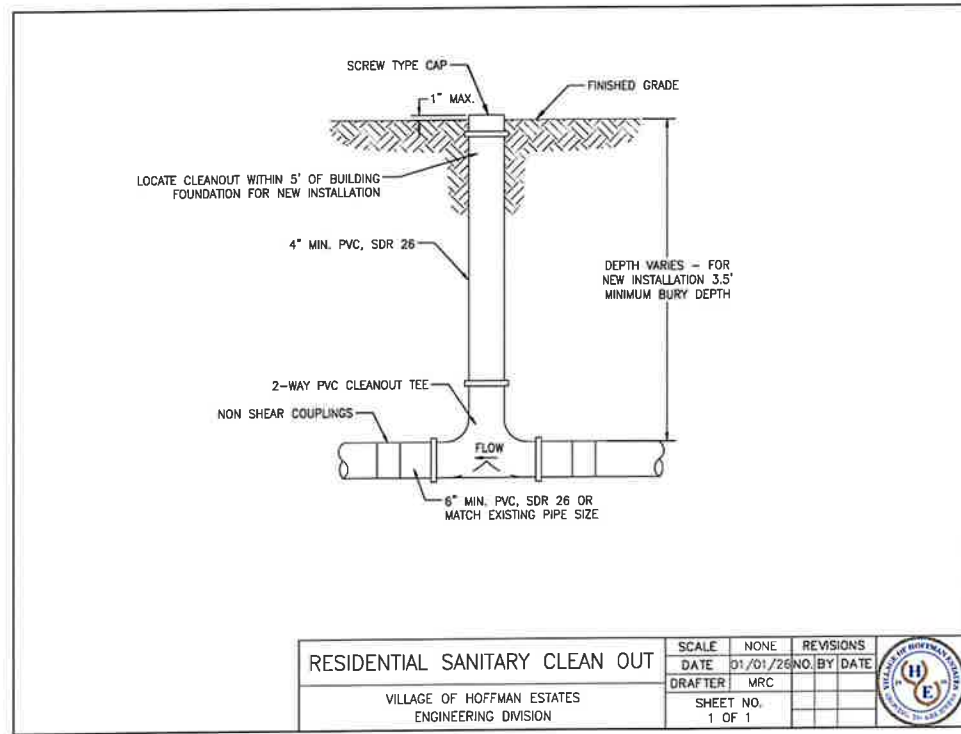


- NOTES:
1. ALL BELOW GRADE FASTENERS SHALL BE STAINLESS STEEL BOLTS: GRADE 304, NUTS AND WASHERS: GRADE 300
 2. WATER MAIN SHALL BE PLACED IN VIRGIN GROUND BENEATH PROPOSED UNDERCUT FOR STORM SEWER.

WATER MAIN ADJUSTMENT



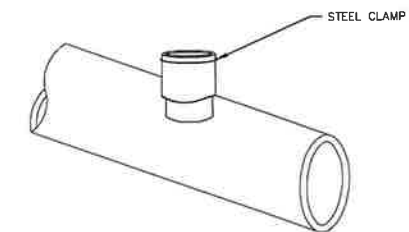
PIPE COUPLING DETAIL



RESIDENTIAL SANITARY CLEAN OUT

VILLAGE OF HOFFMAN ESTATES
ENGINEERING DIVISION

SCALE	NONE	REVISIONS
DATE	01/01/26	NO. BY DATE
DRAFTER	MRC	
SHEET NO.	1 OF 1	



KOR-N-TEE CONNECTOR

NOTES:

1. THE HOFFMAN ESTATES TRANSPORTATION AND ENGINEERING DIVISION SHALL BE NOTIFIED BEFORE THE COMMENCEMENT OF WORK AND WHEN THE PIPE IS EXPOSED.
2. THE CONNECTION SHALL BE BACKFILLED COMPLETELY TO WITHIN SIX INCHES OF THE GROUND SURFACE WITH CA-6, CRUSHED GRAVEL OR CA-7 WASHED GRAVEL.
3. ONLY A PROFESSIONAL CONTRACTOR SHALL INSTALL THE CONNECTOR ACCORDING TO MANUFACTURERS REQUIREMENTS. THE PUBLIC WORKS DEPARTMENT IS NOT AVAILABLE TO ASSIST IN THE DIRECT CONNECTION TO THE STORM SEWER.
4. KOR-N-TEE SEWER CONNECTORS, PART NO. 006-5 THRU 9.
5. EXISTING PIPE SHALL BE CORED ONLY TO GAIN ACCESS.

DIRECT CONNECTION TO STORM SEWER DETAIL					
SCALE	NO.	NO.	REVISIONS	BY	DATE
DATE	5-25-05	1.	MISC UPDATES	SW	2/10
DRAFTER	SLW				
VILLAGE OF HOFFMAN ESTATES		FILE NAME:		SHEET NO.	
TRANSPORTATION & ENGINEERING DIVISION		SADDLE DWG		1 OF 1	

FILE NAME -
2026 VOHE Details.dwg

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



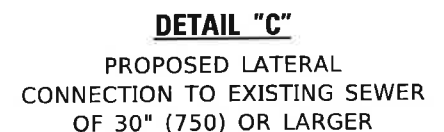
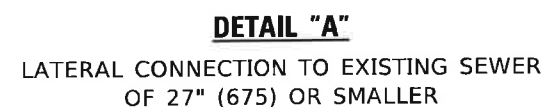
VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
VOHE Details

SCALE: NTS

SHEET NO. 8 OF 8 SHEETS

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	76
CONTRACT NO.				
ILLINOIS				



1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER.
ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST
BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE
CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME: B010101	USER NAME = Lawrence.DeManche	DESIGNED = M. DE YONG	REVISED = R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN =	REVISED = R. SHAH 10-25-94								104	77
	PLOT SCALE = 100.0000 ' / in.	CHECKED =	REVISED = R. SHAH 06-12-96		BD500-01 (BD-07)			CONTRACT NO.				
	PLOT DATE = 11/18/2022	DATE = 07-25-90	REVISED = K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

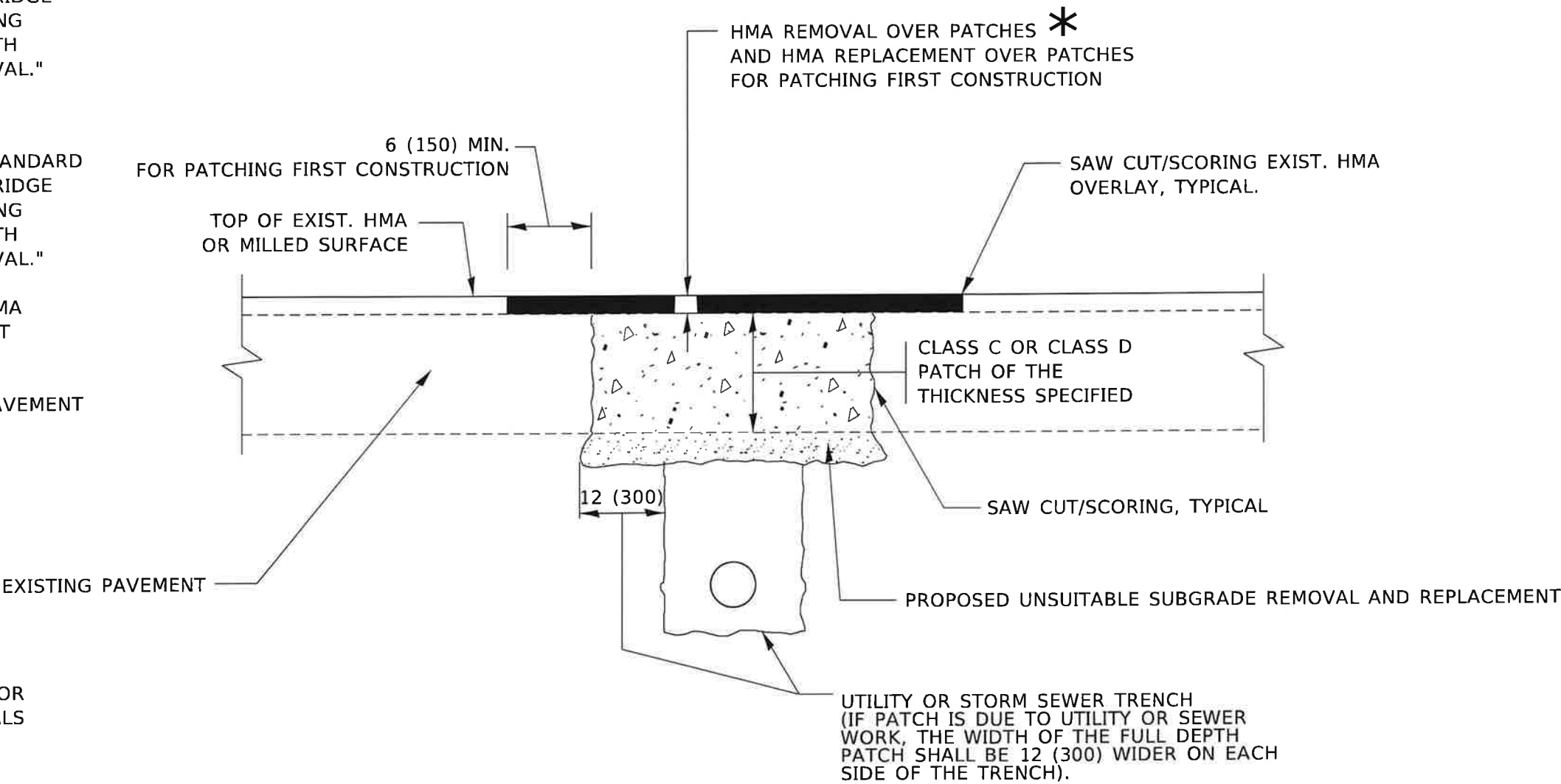
MODEL: Default
FILE NAME: pw:\ldot-pw Bentley.com\PIWIDOTDocuments\DOT Offices\District 1\Projects\DS45d22*.dwg\CADData\CADSheet\d03.dwg

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- 2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

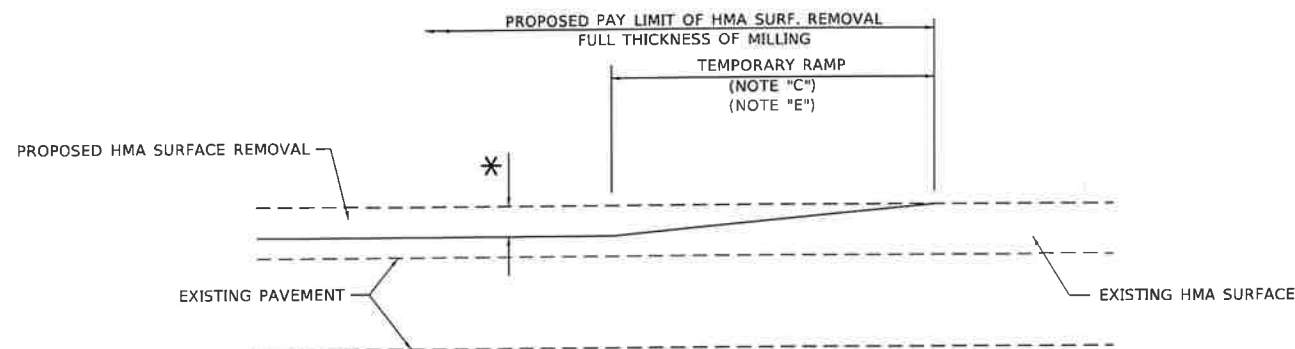
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: Default
FILE NAME: B:\Users\jerry.zentley\OneDrive\Documents\DOT\Illinois\Bids\22-31\22\Addendum\22b\Sheet1042.dgn

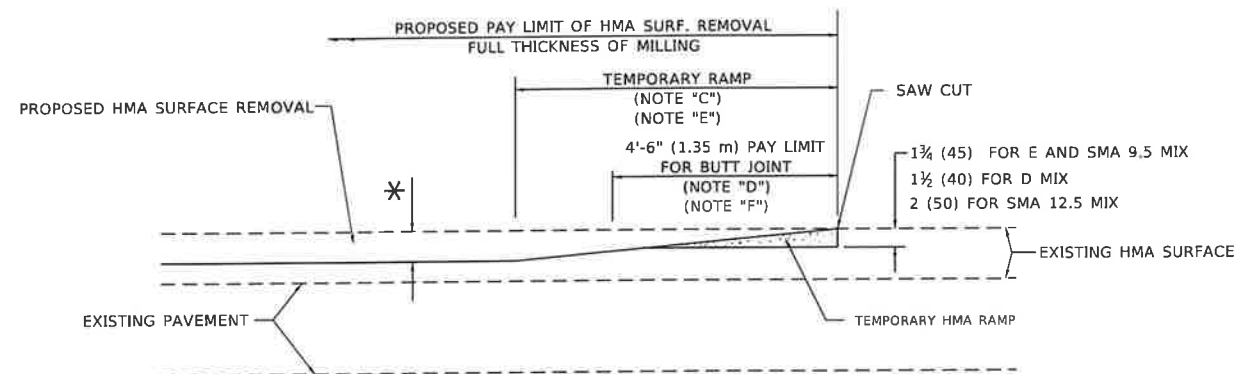
	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - R. BORO 09-04-07								104	78	
	PLOT SCALE = 300.0000 " = 1 ft.	CHECKED -	REVISED - K. ENG 10-27-08										
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22										
								SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	BD400-04 (BD-22) CONTRACT NO.	
										ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

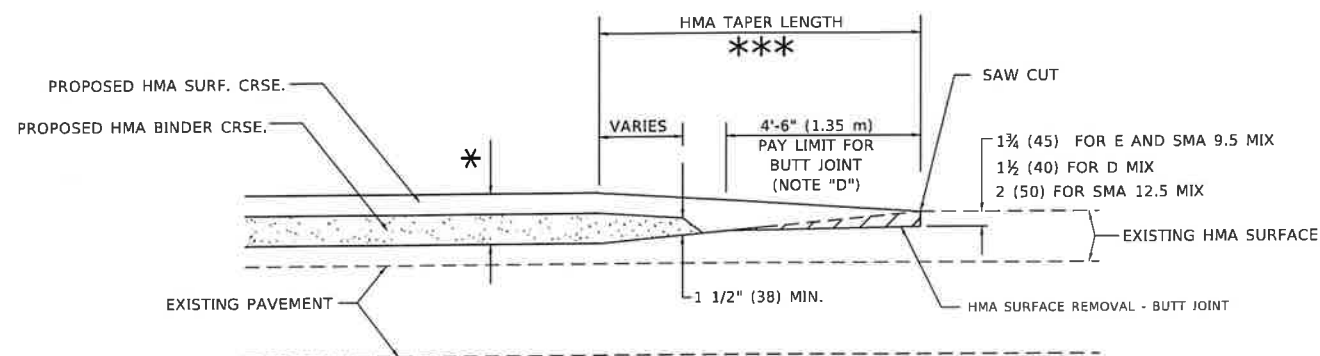


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

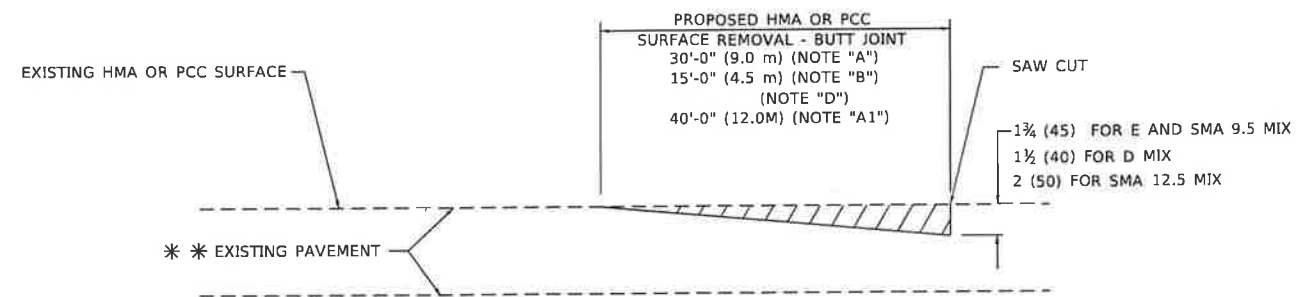
OPTION 2

TYPICAL TEMPORARY RAMP

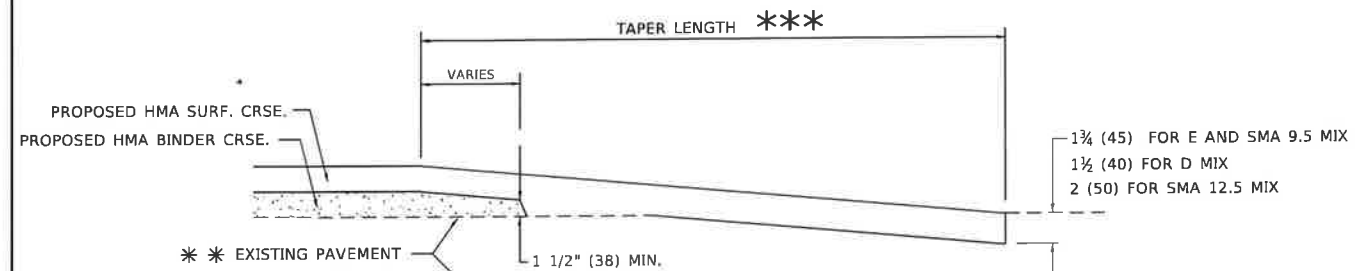


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- INTERSTATES
- MINOR SIDE ROADS.
- THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".
- THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

USER NAME = Lawrence.DeManche	DESIGNED = M. DE YONG	REVISED = A. ABBAS 03-21-97
DRAWN =	REVISED = M. GOMEZ 04-06-01	
PLOT SCALE = 100,0000" = 1 in.	CHECKED =	REVISED = R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE = 06-13-90	REVISED = K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			104	79
BD400-05 BD-32			CONTRACT NO.	
ILLINOIS			FED. AID PROJECT	

2-LANE ROADWAY

MULTI-LANE UNDIVIDED

MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

DETAIL "A"

DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

4' (1.2 m) WIDE MEDIANS ONLY

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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 LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

ISLAND OFFSET FROM PAVEMENT EDGE

ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

COMBINATION LEFT AND U-TURN

U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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	5½ (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 MEDIANS IN YELLOW
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; 5½ (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 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

FILE NAME: DIST.DWG	USER NAME = laoternj	DESIGNED = EVERS	REVISED = C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN =	REVISED = C. JUCIUS 07-01-13										104	81
	PLOT SCALE = 50.0000' / in.	CHECKED =	REVISED = C. JUCIUS 12-21-15											
	PLOT DATE = 3/4/2019	DATE = 03-19-90	REVISED = C. JUCIUS 04-12-16											
							SCALE: NONE	SHEET 1	OF 2 SHEETS	STA.	TO STA.			
											ILLINOIS	FED-AID PROJECT		

EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

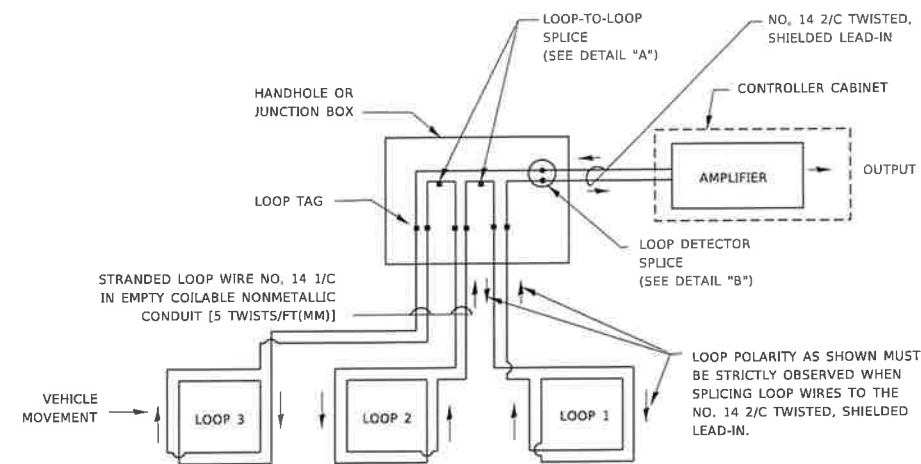
IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

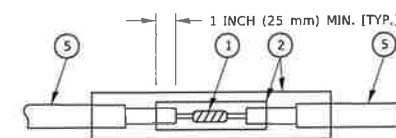
PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

Diagram illustrating a lane loop configuration. The diagram shows a rectangular box representing a lane loop. On the left side, there is a vertical bar with a loop at the top and bottom, labeled (A). On the right side, there is a vertical bar with a loop at the top and bottom, labeled (B). Inside the box, the text reads: LANE (A) LOOP (B), LOOP DIRECTION (C), and LOOP ROTATION (D).

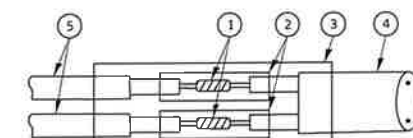
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



- LOOPS SHALL BE SPLICED IN SERIES.
SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE.
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



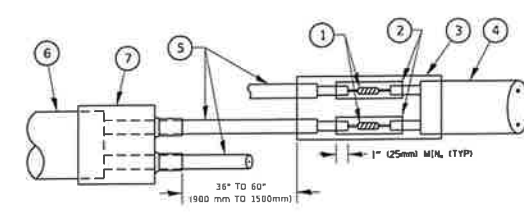
DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

Technical drawing of a cable assembly. The drawing shows a cable with three conductors (1, 2, 3) and a shield (4) connected to a connector (5). The cable is shown in cross-section with dimensions: 36" TO 66" (900 mm TO 1560 mm) for the cable length, 1" (25 mm) MIN. (ETYP) for the conductor diameter, and 36" TO 66" for the connector length. The connector is labeled with callouts 6 and 7. The cable is labeled with callouts 1, 2, 3, 4, and 5.

DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- | | |
|---|--|
| ① WESTERN UNION SPlice SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPlices SHALL BE STAGGERED. | ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP |
| ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE. | ⑥ XL POLYOLEFIN 2 CONDUCTOR |
| ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE. | ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL |
| ④ NO. 14 2/C TWISTED, SHIELDED CABLE. | |

FILE NAME: 104-82.dwg	USER NAME = hustmrs	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN =	REVISED =									104	82
	PLOT SCALE = 50.0000" = 1' 0"	CHECKED =	REVISED =										
	PLOT DATE = 3/4/2019	DATE =	REVISED =						TS-05		CONTRACT NO.		
	SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.												

PROVIDE A PAVEMENT REPLACEMENT
NOTE WHICH SHOULD EQUAL
3' (900 mm) X WIDTH OF
PAVFD SHOULDER.



UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE, REFER TO STANDARD B14001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



* * UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

DETAIL 1
N.T.S.

Figure 10-1: Detail 2: Right Turn Lane. This technical drawing shows the geometric details for a right-turn lane at a street intersection. It includes dimensions for offset loops, straight saw cuts, and various lane widths. Key features include an arterial road, a cross street, and a driveway. Dimensions are given in feet and inches, feet and meters, and meters. Notes specify that these dimensions are variable and provide minimum and maximum values. A note also mentions 'far out' loops for right-turn lanes on a taper area.

OFFSET LOOPS BY
1' (300mm) FOR
STRAIGHT SAW CUTS

THIS DIMENSION MAY BE
ADJUSTED FOR DRIVEWAY
OR OTHER OBSTRUCTIONS.

WHEN ADJUSTMENT IS
REQUIRED, DETECTORS WILL
NORMALLY BE MOVED CLOSER
TO THE INTERSECTION.

$\times = (1.8m)$

CROSS STREET

ARTERIAL

3' (900mm)
1' (25 mm)
WHIT DUCT
KITV.P.

3' (900mm)
12"
3' (900mm) 3' (3.6m)
3' (900mm) 3' (3.6m)
3' (900mm) 3' (3.6m)

10' (3.0m) PREFERRED
15' (4.5m) MAXIMUM

3' (900mm)

DRIVEWAY

IF "FAR OUT" LOOP
ARE LOCATED IN
TAPER OF A RIGHT
TURN LANE, DIMEN
THIS LOOP TO COV
TAPER AREA. DO
COVER THE LEFT T
LANE OR LEFT TUR
LANE TAPER.

DETAIL 2

DETAIL 2
N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
-------------	---------	------	--------	------	---------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			104	83
	TS-07	CONTRACT NO.		
	ILLUMIN.	FED. AID PROJECT		

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIDUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPLIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

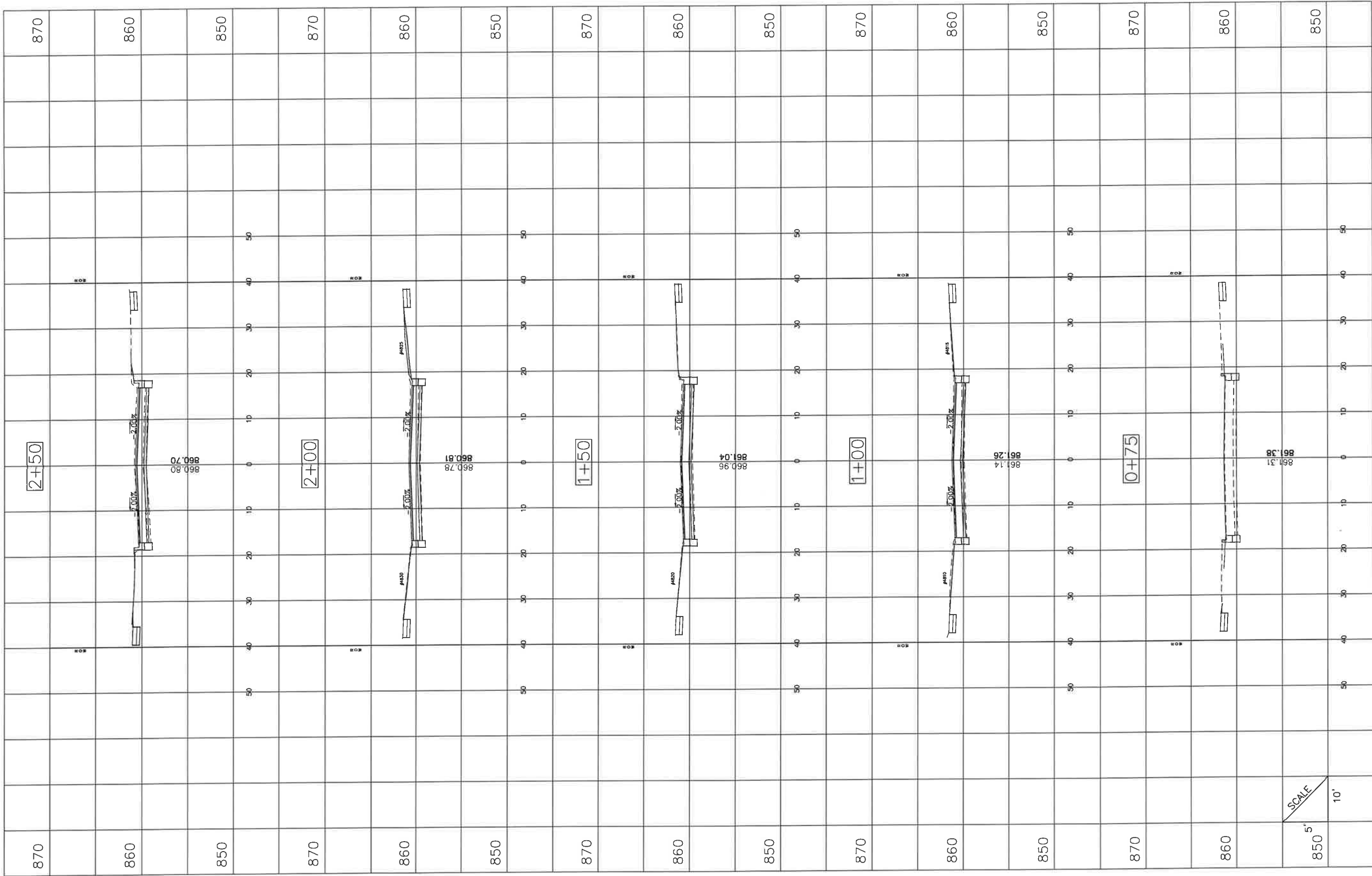
NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1
TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

PLAN	DATE	BY
	NO.	NO.
	NOTE BOOK	
	ST. OF WAY CHECKED	

PROFILE	DATE	BY
	NO.	NO.
	NOTE BOOK	
	ST. OF WAY CHECKED	



FILE NAME =
Castaway Ln X-Section 2.0 deg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

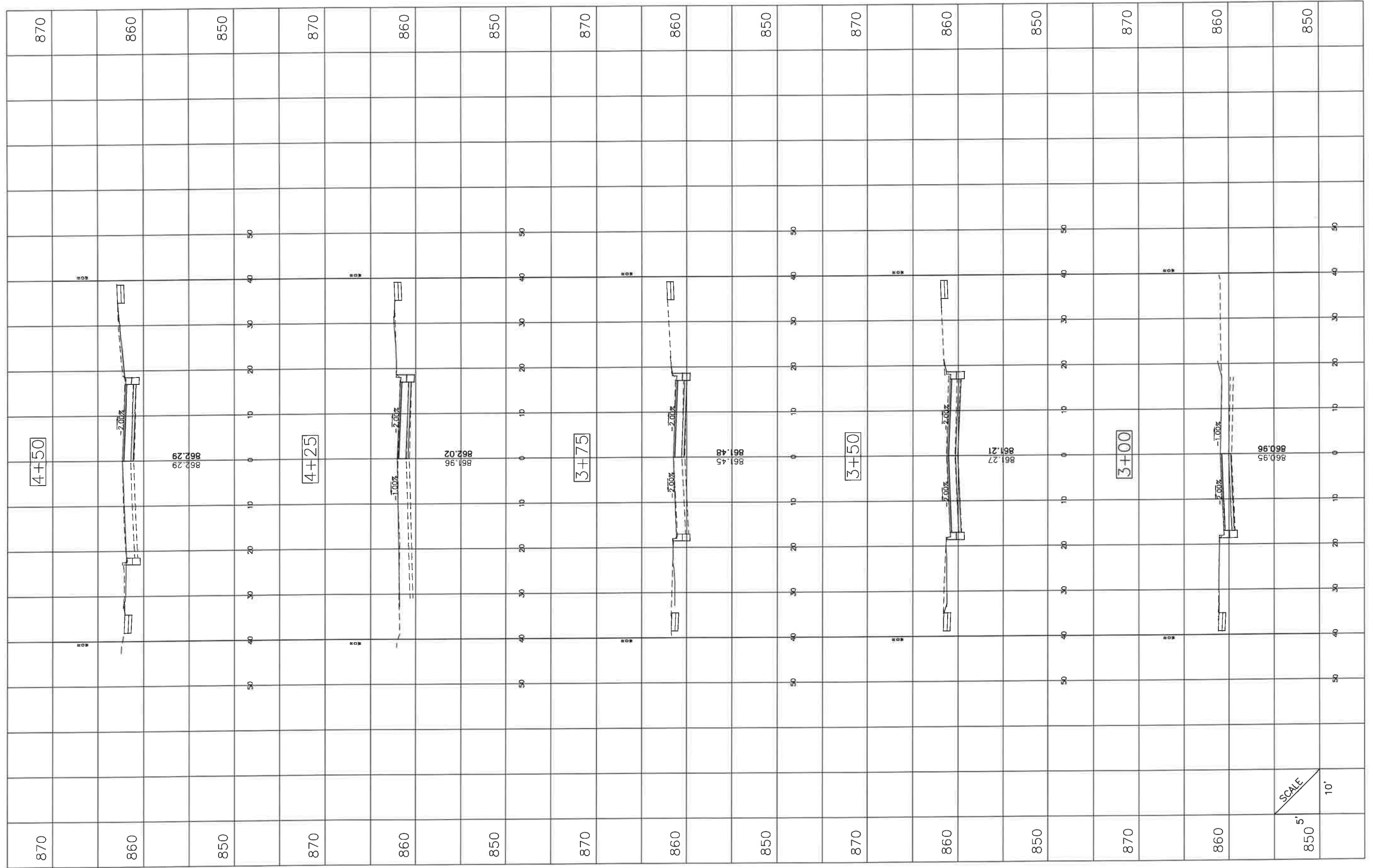
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 1 OF 13 SHEETS STA. 0+75 TO STA 2+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	84
ILLINOIS				

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

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



SCALE
5' 10'

FILE NAME =
Castaway Ln X-Section 2.0.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

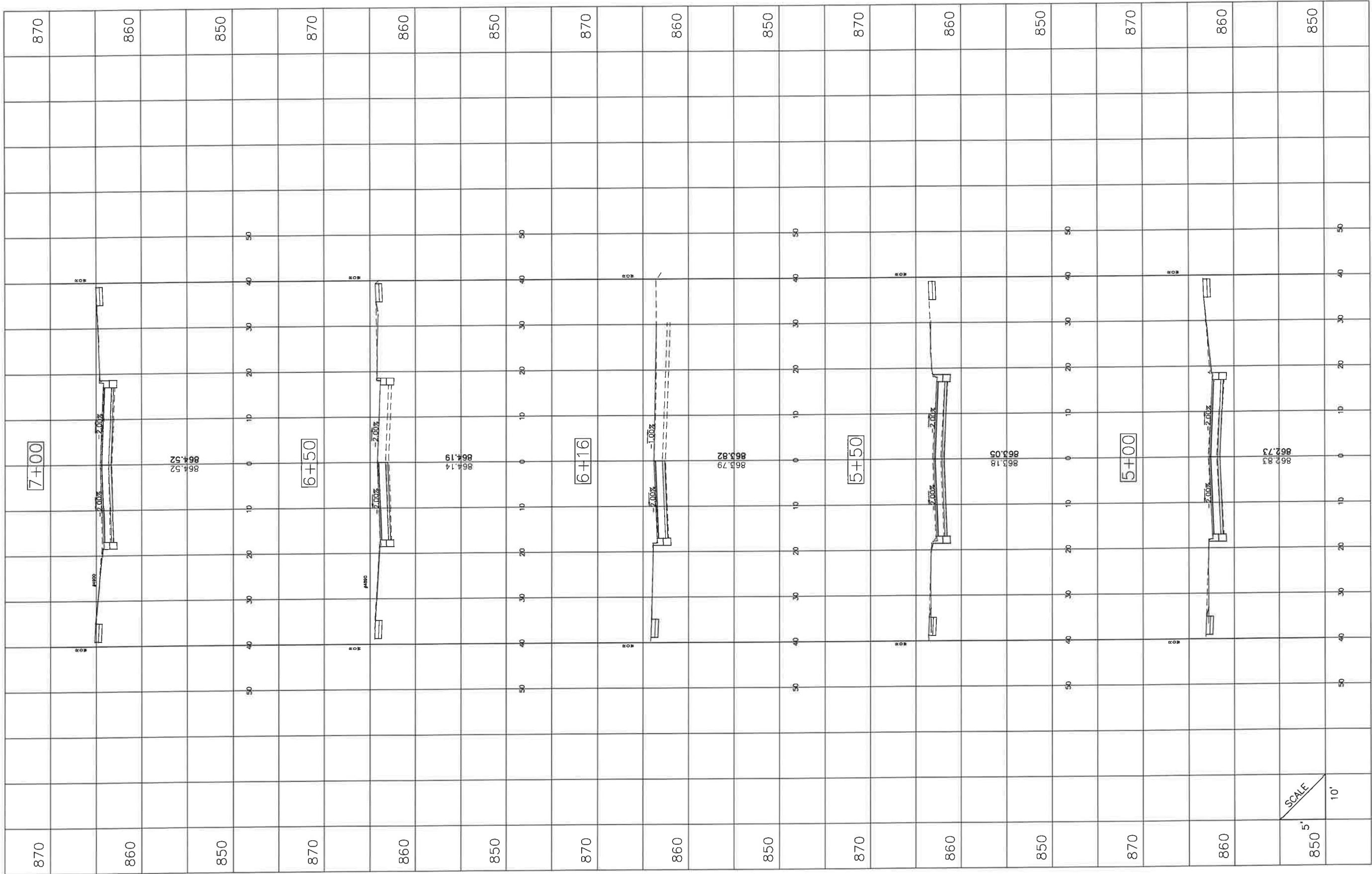
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 2 OF 13 SHEETS STA. 3+00 TO STA 4+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	85
ILLINOIS				

PLAN	SURVEYED	DATE
	NO.	BY
NOTE BOOK	PROJECT	DATE
	ST. OF WAY CHECKED	BY
NO.	DATE	BY
	DATE	BY

PROFILE	SURVEYED	DATE
	NO.	BY
NOTE BOOK	PROJECT	DATE
	ST. OF WAY CHECKED	BY
NO.	DATE	BY
	DATE	BY



FILE NAME =
Castaway Ln X-Section 2.0 deg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

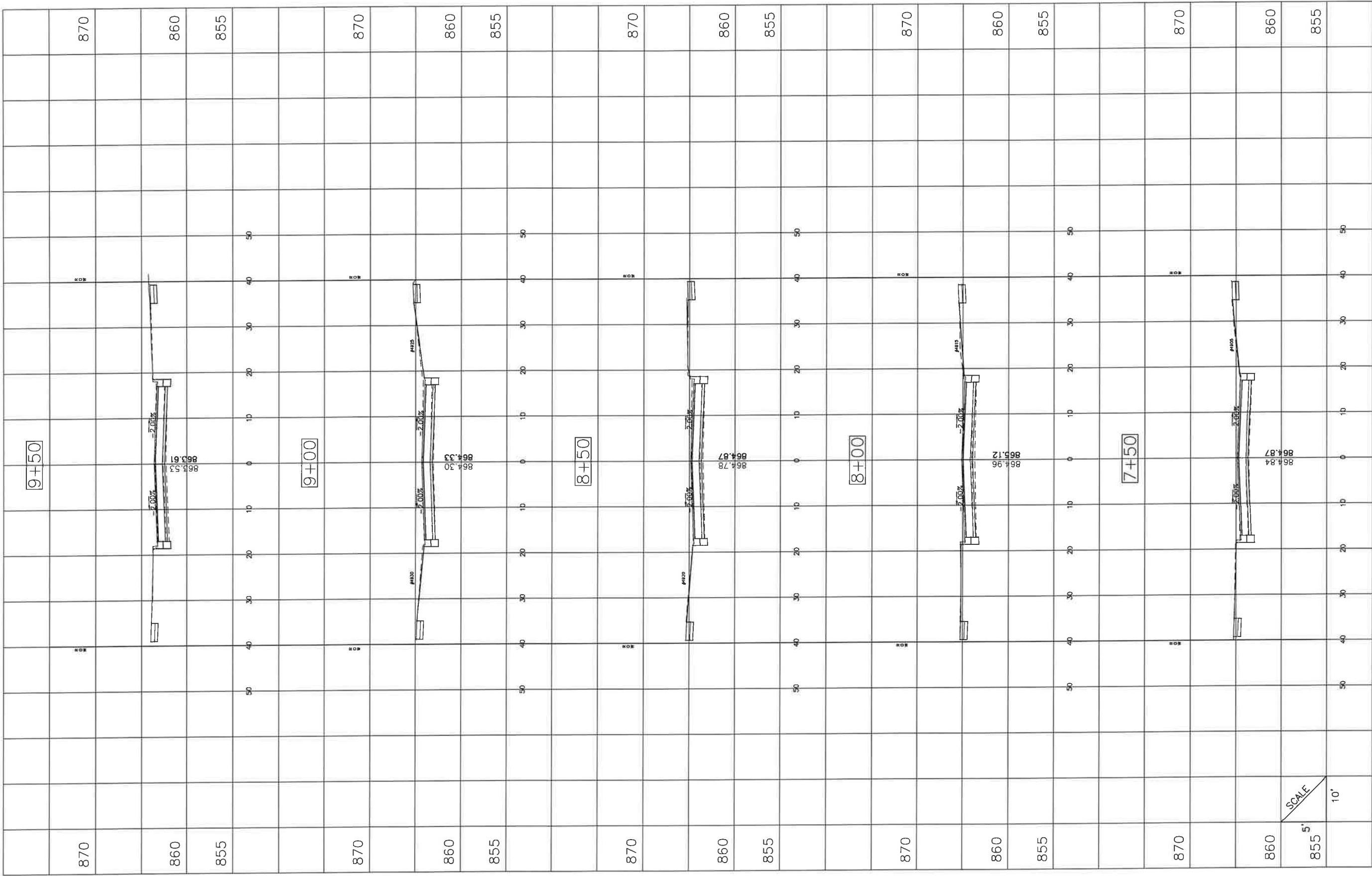
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 3 OF 13 SHEETS STA. 5+00 TO STA 7+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	86
ILLINOIS				

PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTE BOOK	ALIGNED	CHECKED
	NO.	ST. OF WAY	CHECKED

PROFILE	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTE BOOK	ALIGNED	CHECKED
	NO.	ST. OF WAY	CHECKED



FILE NAME =
Castaway Ln X-Section 20.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 12/17/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

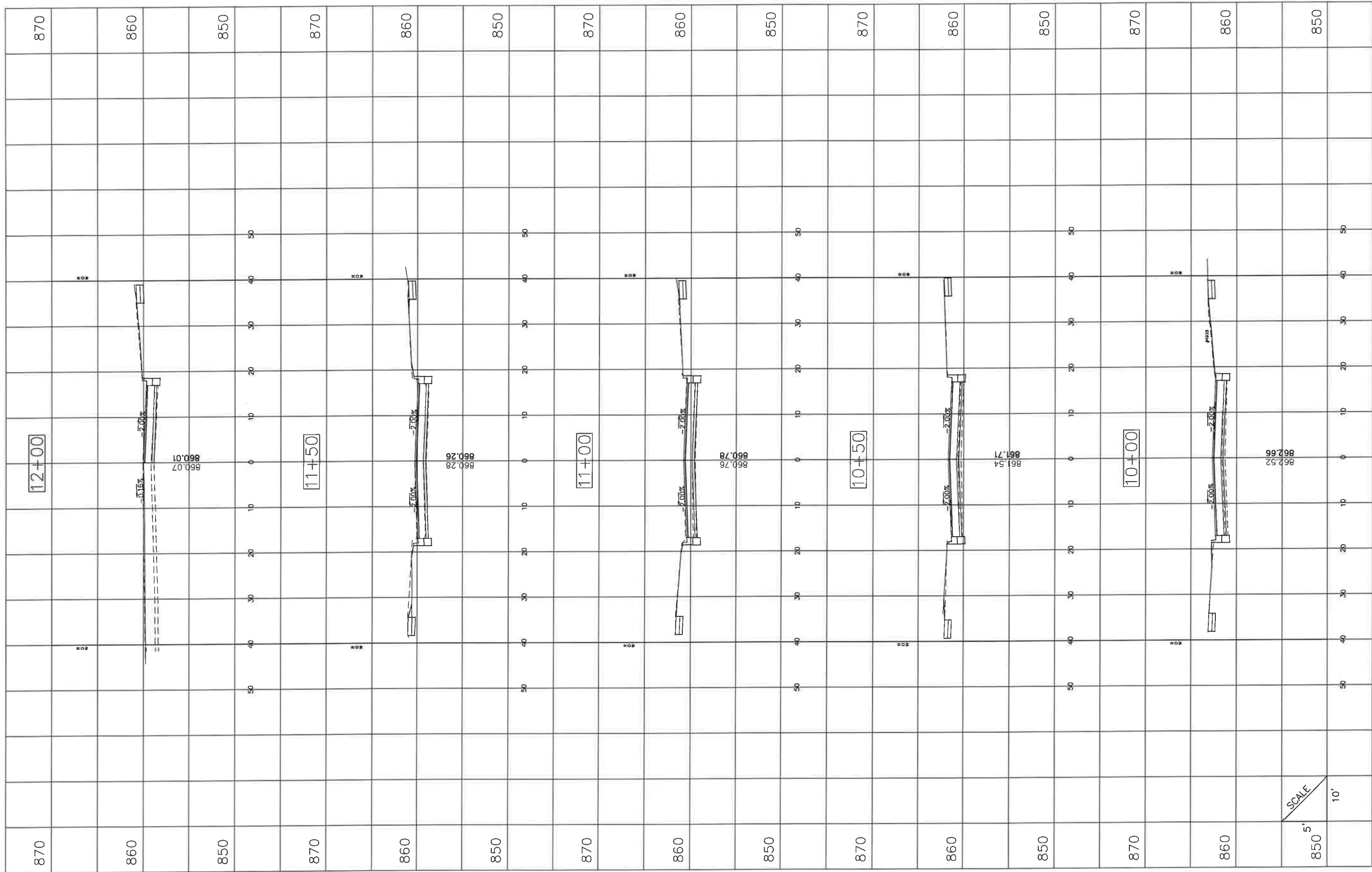
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 4 OF 13 SHEETS STA. 7+50 TO STA 9+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	87
ILLINOIS				

PLAN	SURVEYED	DATE	BY
	NOTES		
	NOTE BOOK	ALIGNED CHECKED	
	NO.	ST. OF WAY CHECKED	
		DRAFTER NAME	

PROFILE	SURVEYED	DATE	BY
	NOTES		
	NOTE BOOK	ALIGNED CHECKED	
	NO.	ST. OF WAY CHECKED	
		DRAFTER NAME	



FILE NAME =
Castaway Ln X-Section 2.0.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: B47 252-5800

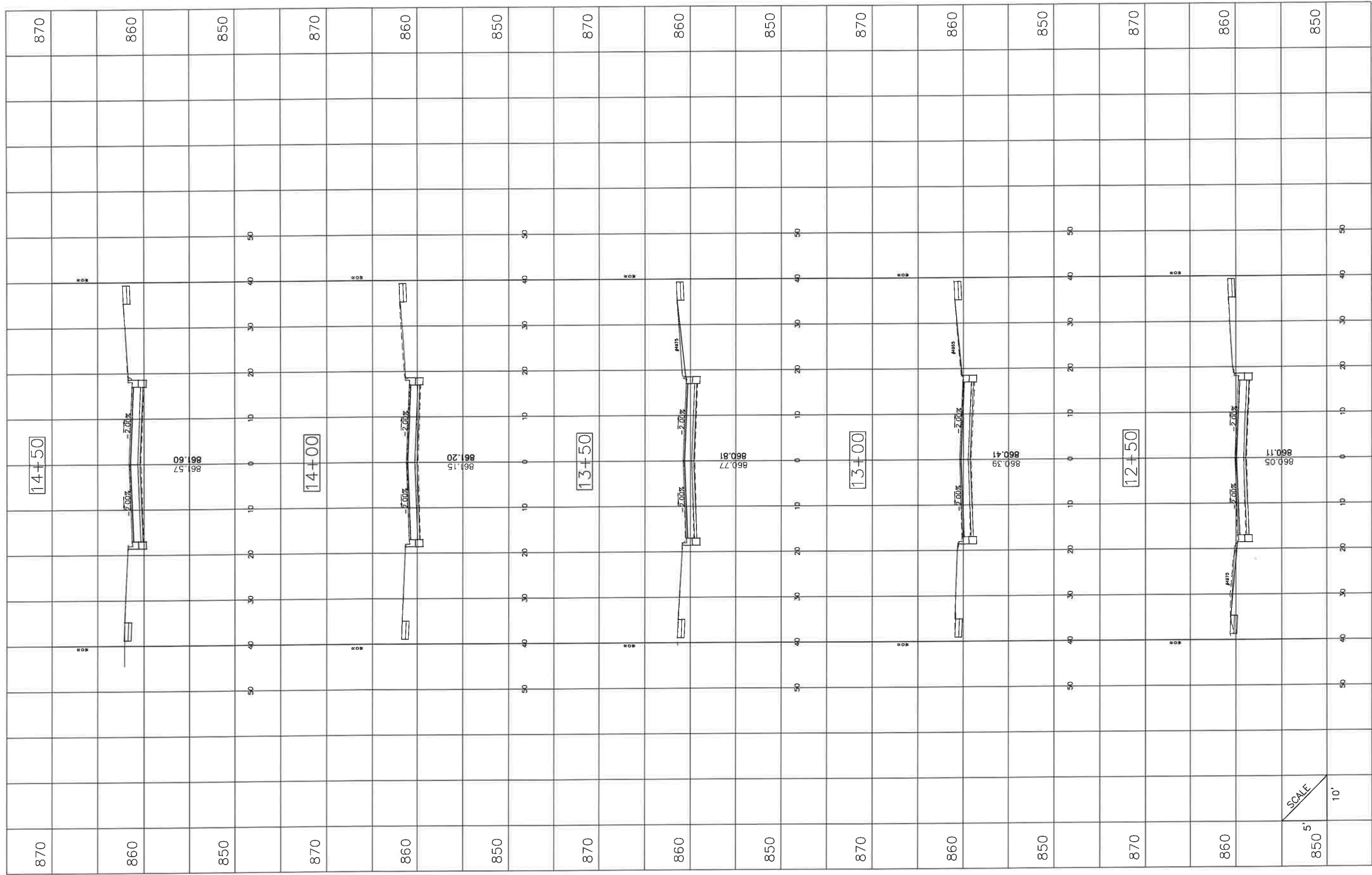
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 5 OF 13 SHEETS STA. 10+00 TO STA 12+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	88
ILLINOIS				

PLAN	SURVEYED	DATE	BY
	NOTE BOOK	ALIGNMENT CHECKED	DATE
NO.	FILE NO.	DATE	BY

PROFILE	SURVEYED	DATE	BY
	NOTE BOOK	GRADES CHECKED	DATE
NO.	FILE NO.	DATE	BY



FILE NAME =
Castaway Ln X-Section 2.0.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

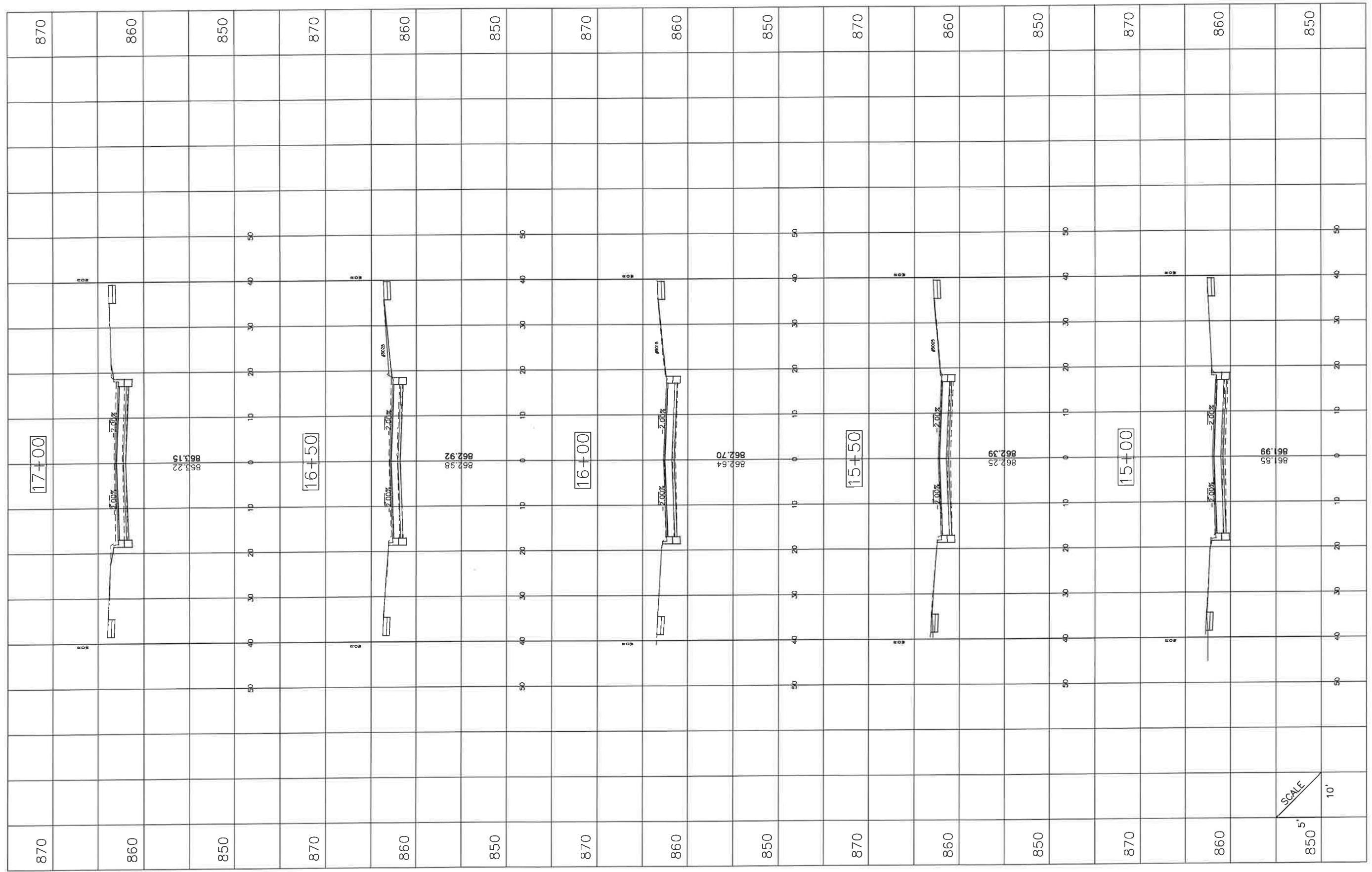
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 6 OF 13 SHEETS STA. 12+50 TO STA 14+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	89
ILLINOIS				

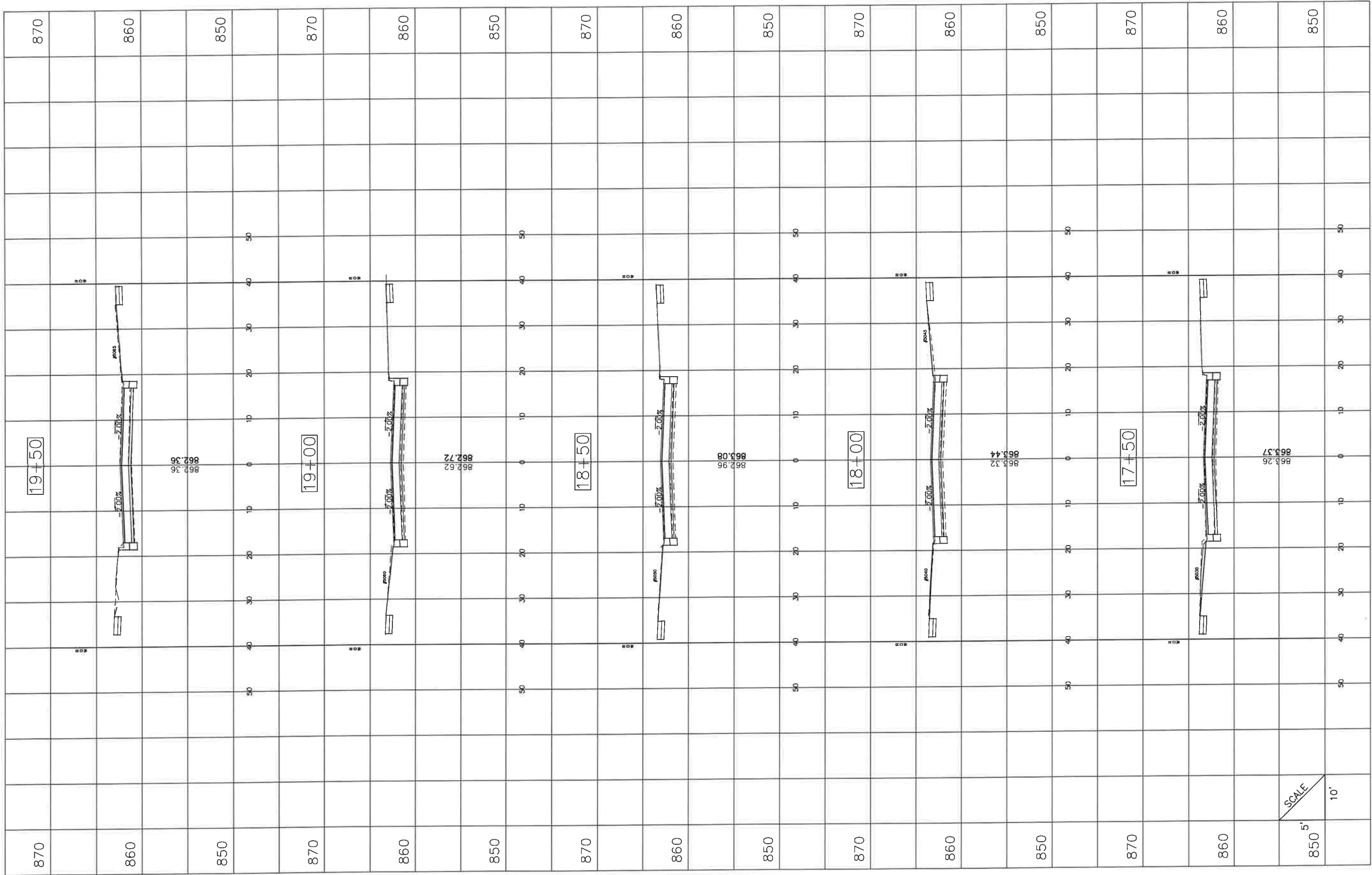
PLAN	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	NO.
	ALIGNED	ST. OF WAY CHECKED

PROFILE	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	NO.
	ALIGNED	ST. OF WAY CHECKED



PLAN	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	NO.
	ALIGNED CHECKED	ST. OF WAY CHECKED
NO.		DATE
NO.		DATE

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



SCALE
5' 10'

FILE NAME =
Castaway Ln X-Section 2.0.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 12/17/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

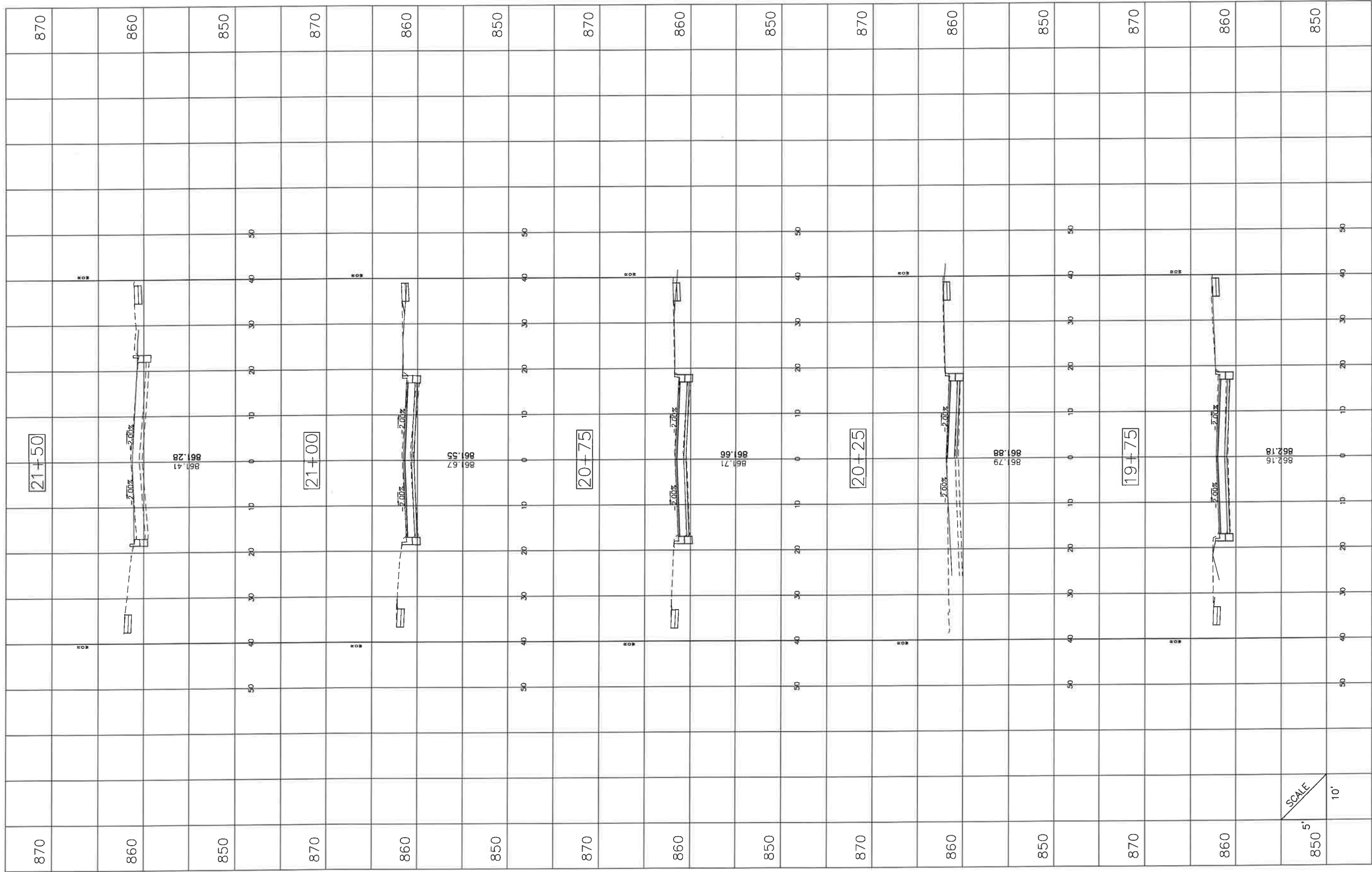
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 8 OF 13 SHEETS STA. 17+50 TO STA 19+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	91
ILLINOIS				

PLAN	SURVEYED	DATE	BY
NOTE BOOK	NOTED		
NO.	ST. OF WAY CHECKED		
	PROFILE NAME		

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



FILE NAME =
Castaway Ln X-Section 2.0.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

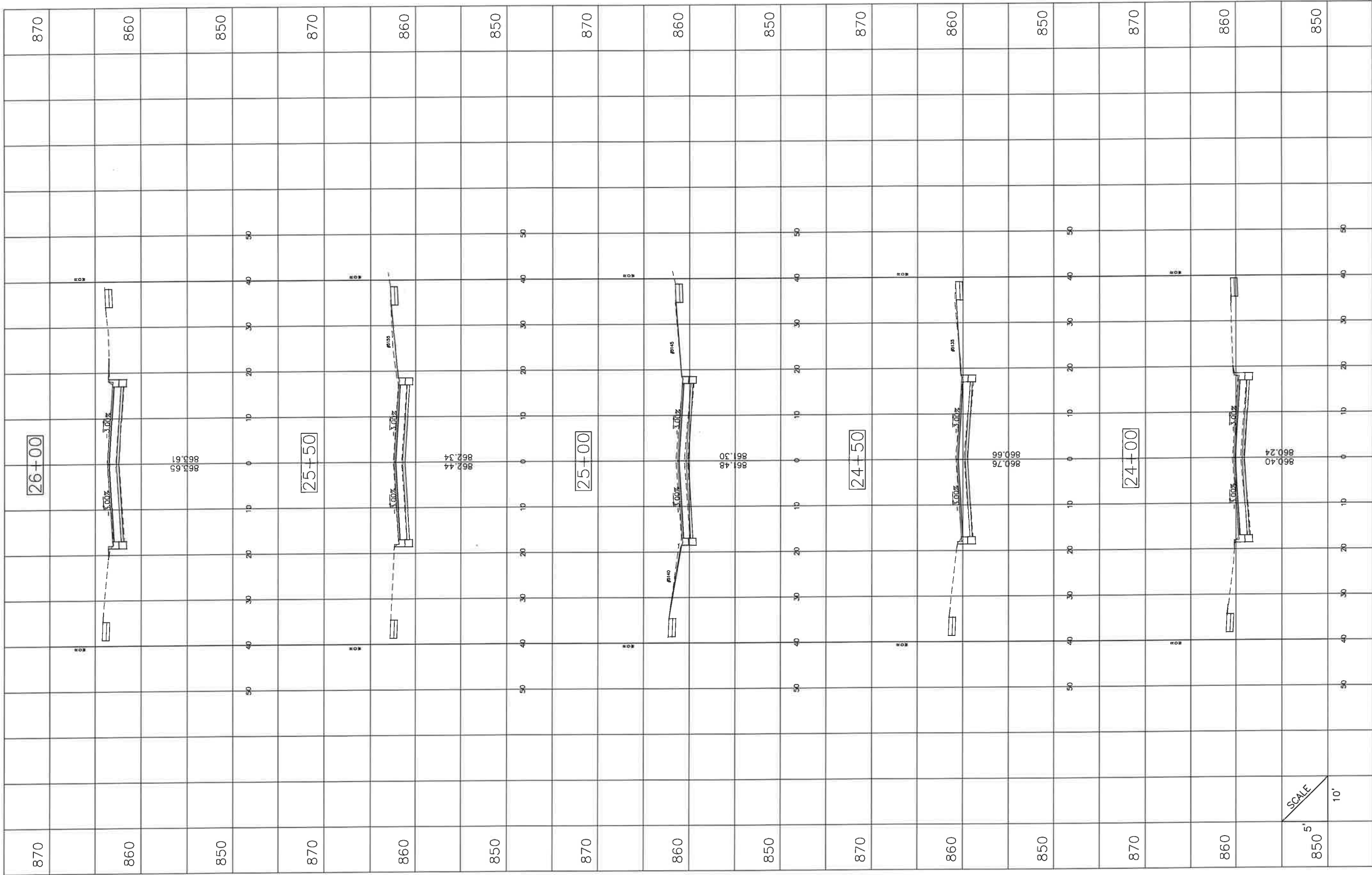
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 9 OF 13 SHEETS STA. 19+75 TO STA 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	92
ILLINOIS				

PLAN	SUBMITTED	DATE
	NOTED	BY
	NOTE BOOK	NO.
	ALIGNMENT CHECKED	DATE
PROJECT NAME		

PROFILE	SUBMITTED	DATE
	NOTED	BY
	NOTE BOOK	NO.
	STRUCTURE NOTATION	DATE



FILE NAME =
Castaway Ln X-Section 20.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

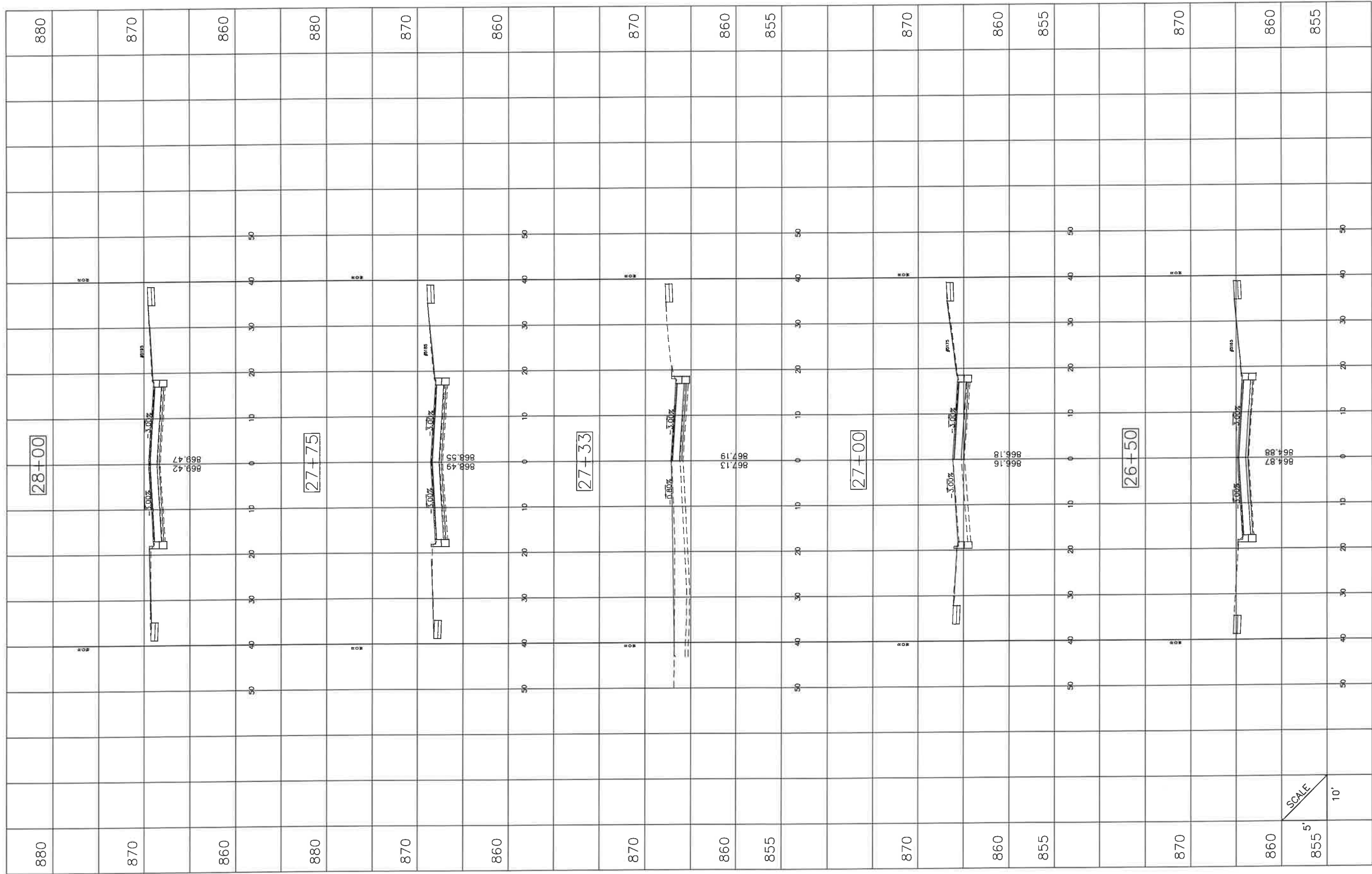
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 11 OF 13 SHEETS STA. 24+00 TO STA 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	94
ILLINOIS				

PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
NOTE BOOK	NO.	DATE	BY
	NO.	DATE	BY

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



FILE NAME =
Castaway Ln X-Section 2.0.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 12/17/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

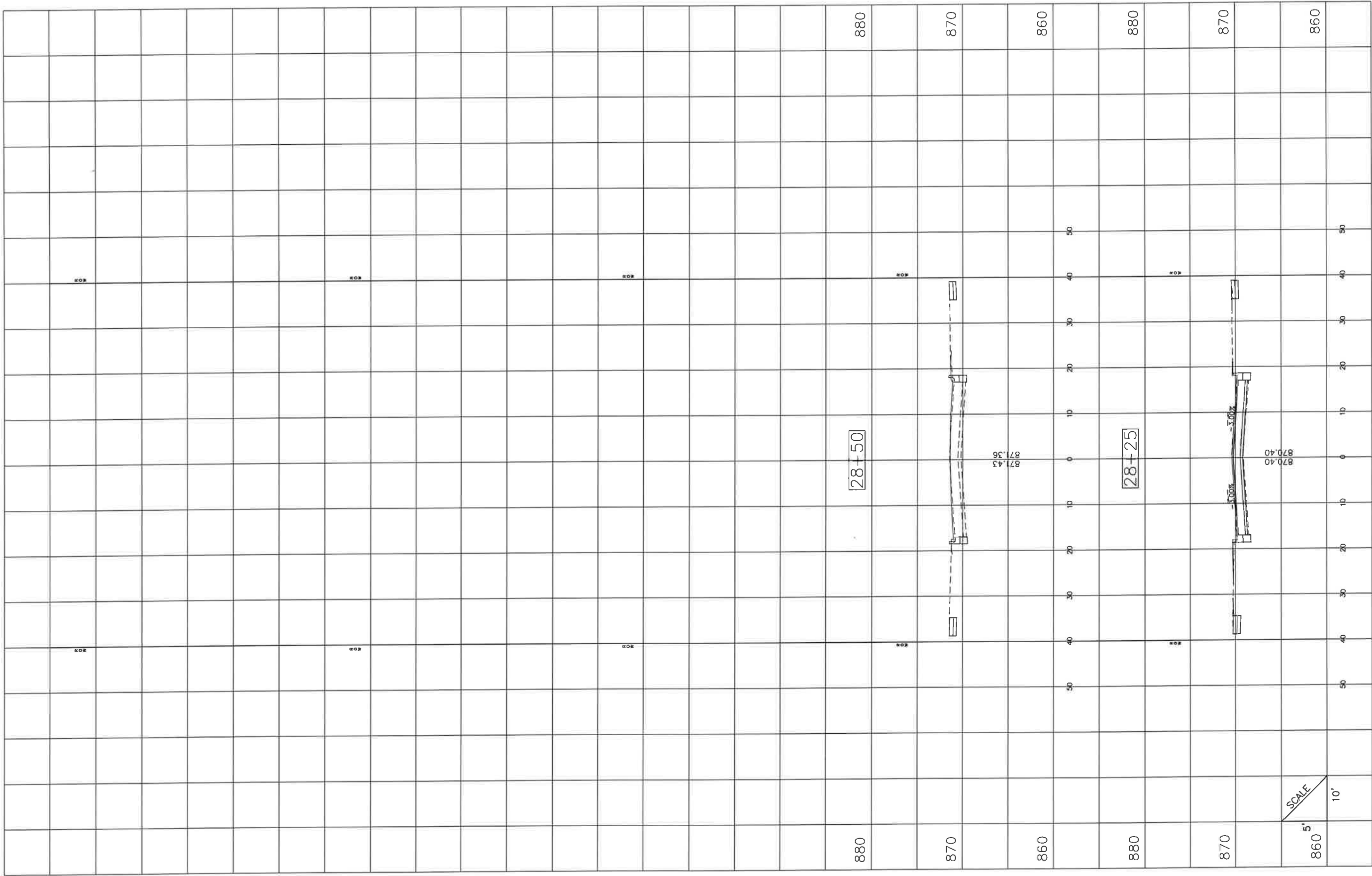
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 12 OF 13 SHEETS STA. 26+50 TO STA 28+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	95
ILLINOIS				

PLAN	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK NO.	ST. OF WAY CHECKED

PROFILE	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK NO.	ST. OF WAY CHECKED



FILE NAME =
Castaway Ln X-Section 2.0 deg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/17/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

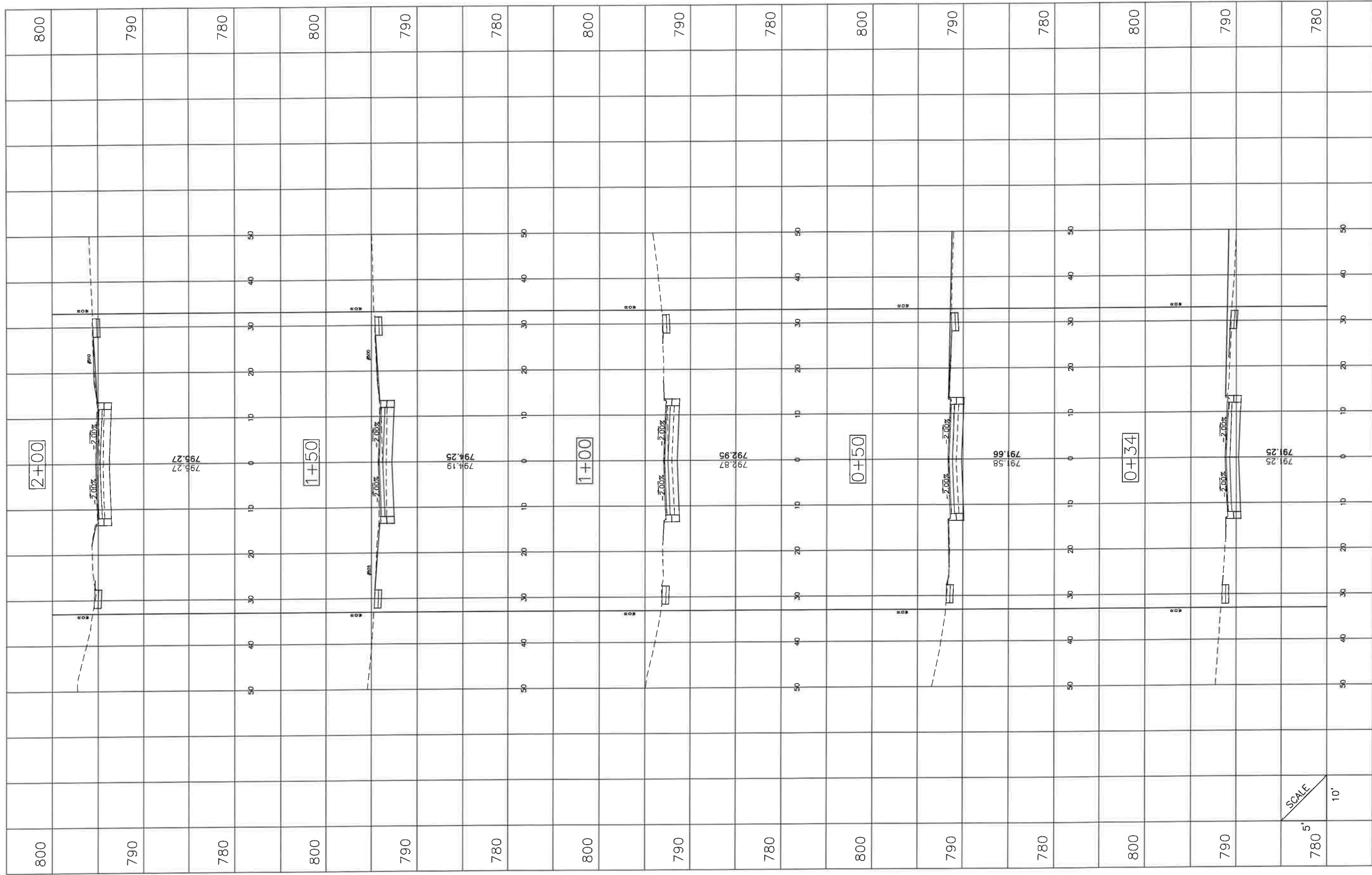
2026 Street Revitalization Project
Cross Sections - Castaway Lane

SHEET NO. 13 OF 13 SHEETS STA. 28+25 TO STA 28+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	96
ILLINOIS				

PLAN	SURVEYED	DATE	BY
	NOTED		
	ALIGNMENT CHECKED		
	ST. OF WAY CHECKED		
NO.	NO.	NO.	NO.

PROFILE	SURVEYED	DATE	BY
	NOTED		
	GRADES CHECKED		
	STRUCTURE NOTINGS CHECKED		
NO.	NO.	NO.	NO.



FILE NAME =
Harvard X-Sections.dwg

DESIGNED - JMK
DRAWN - JMK
CHECKED - AJW
DATE - 12/19/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

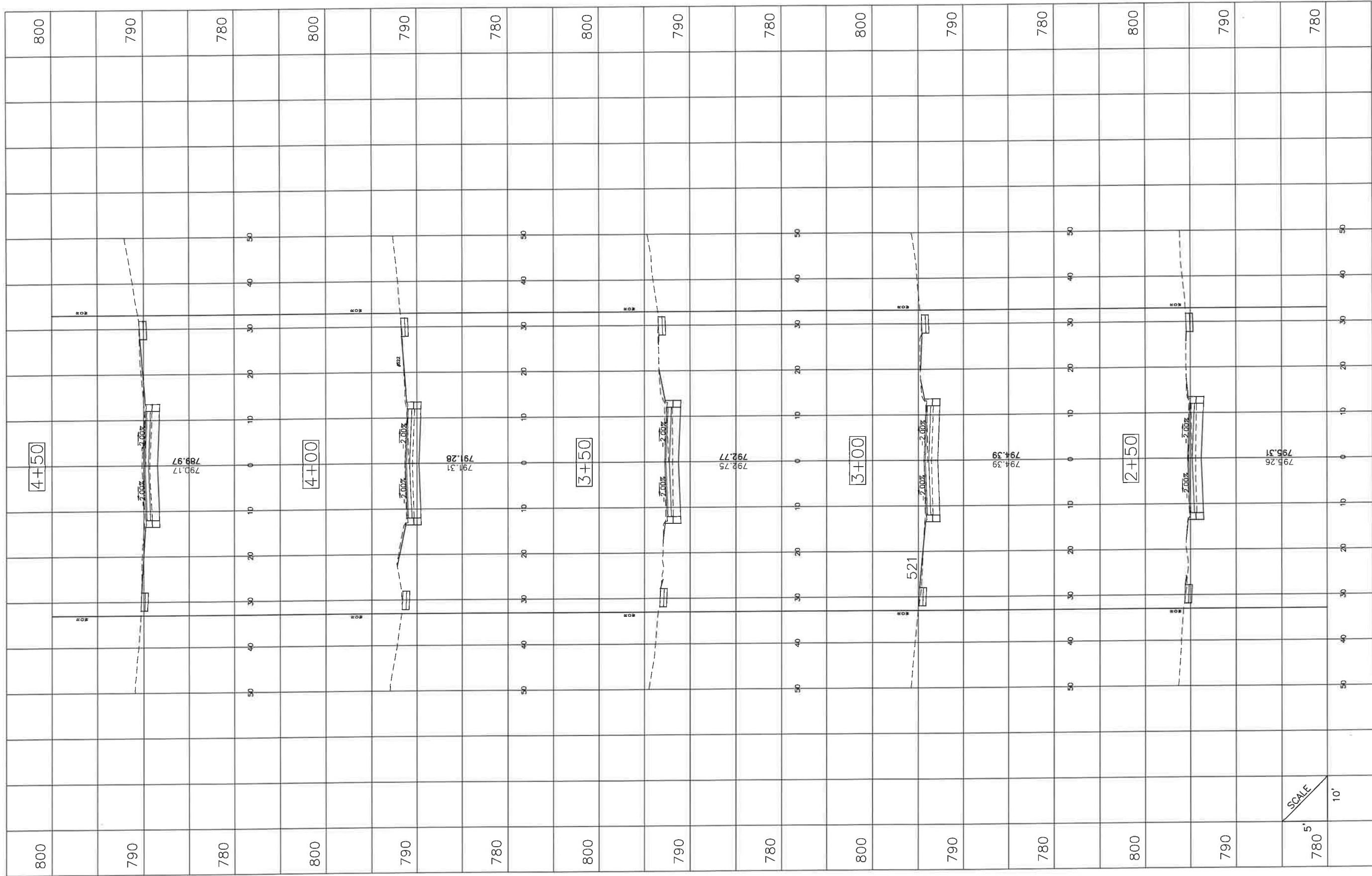
2026 Street Revitalization Project
Cross Sections - Harvard Lane

SHEET NO. 1 OF 4 SHEETS STA. 0+34 TO STA 8+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00119-00-RS	Cook	104	97
ILLINOIS				

PLAN	SURVEYED	DATE
	NOTED	BY
	NOTE BOOK	NO.
	ALIGNMENT CHECKED	DATE
PROFILE NAME		

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



FILE NAME =
Harvard X-Sections.dwg

DESIGNED - JMK	REVISED -
DRAWN - JMK	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/19/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

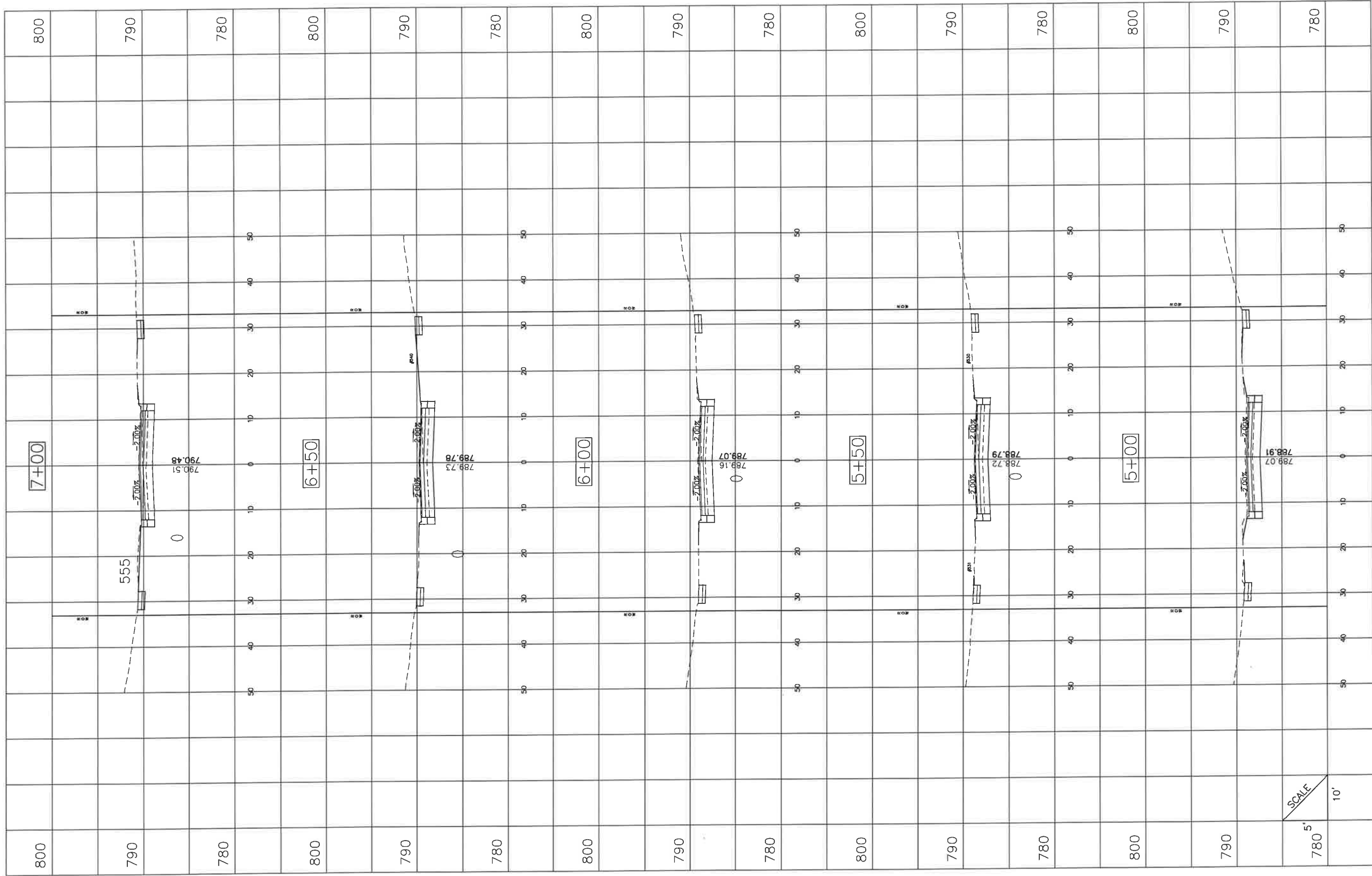
2026 Street Revitalization Project
Cross Sections - Harvard Lane

SHEET NO. 2 OF 4 SHEETS STA. 0+34 TO STA 8+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	98
ILLINOIS				

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

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



FILE NAME - Harvard X-Sections.dwg

DESIGNED - JMK	REVISED -
DRAWN - JMK	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/19/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

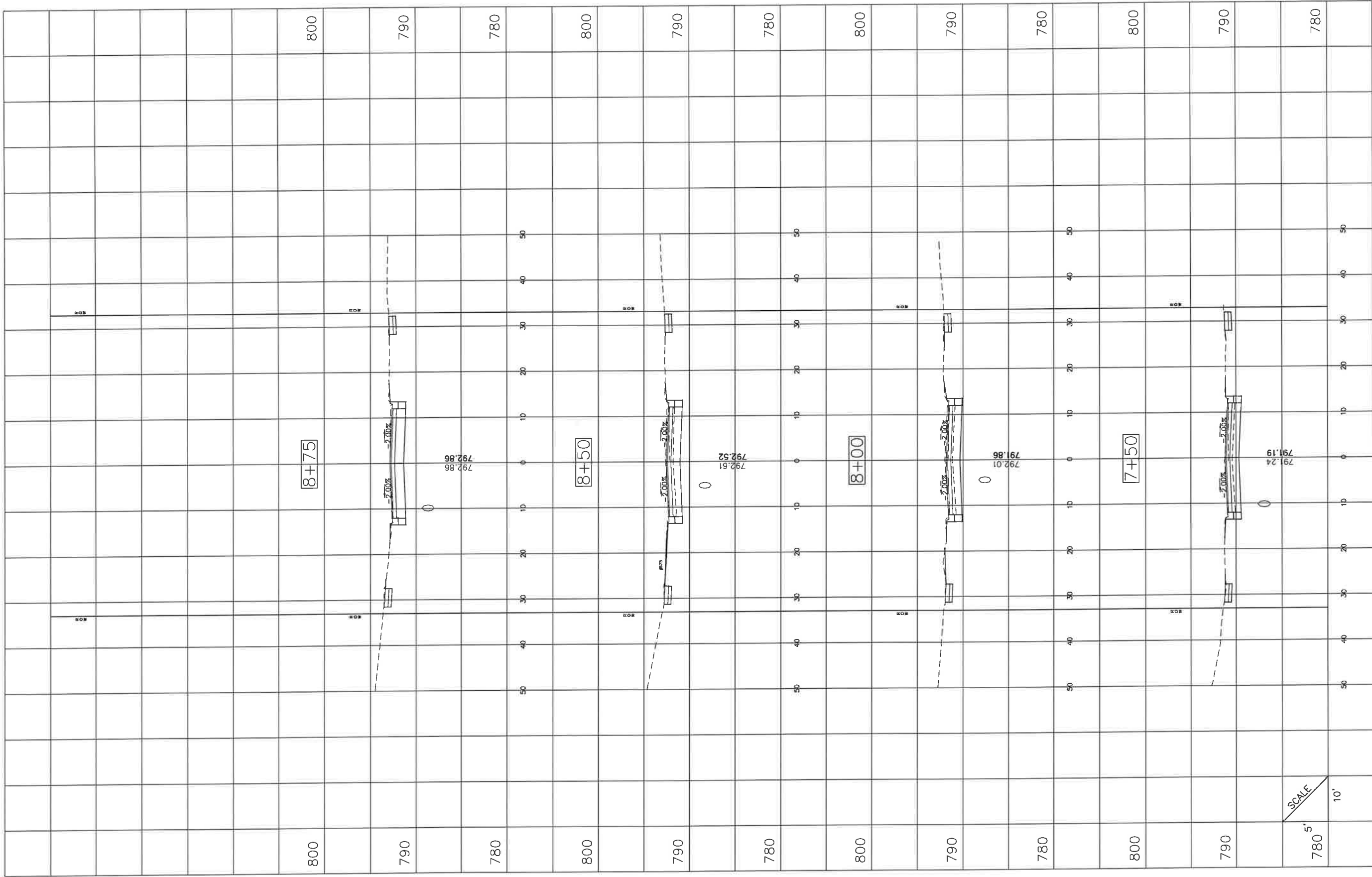
2026 Street Revitalization Project
Cross Sections - Harvard Lane

SHEET NO. 3 OF 4 SHEETS STA. 0+34 TO STA 8+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	99
ILLINOIS				

PLAN	SURVEYED	DATE	BY
	NOTED		
	NOTE BOOK	NO.	
	ST. OF WAY CHECKED		

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



FILE NAME =
Harvard X-Sections.dwg

DESIGNED - JMK	REVISED -
DRAWN - JMK	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/19/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

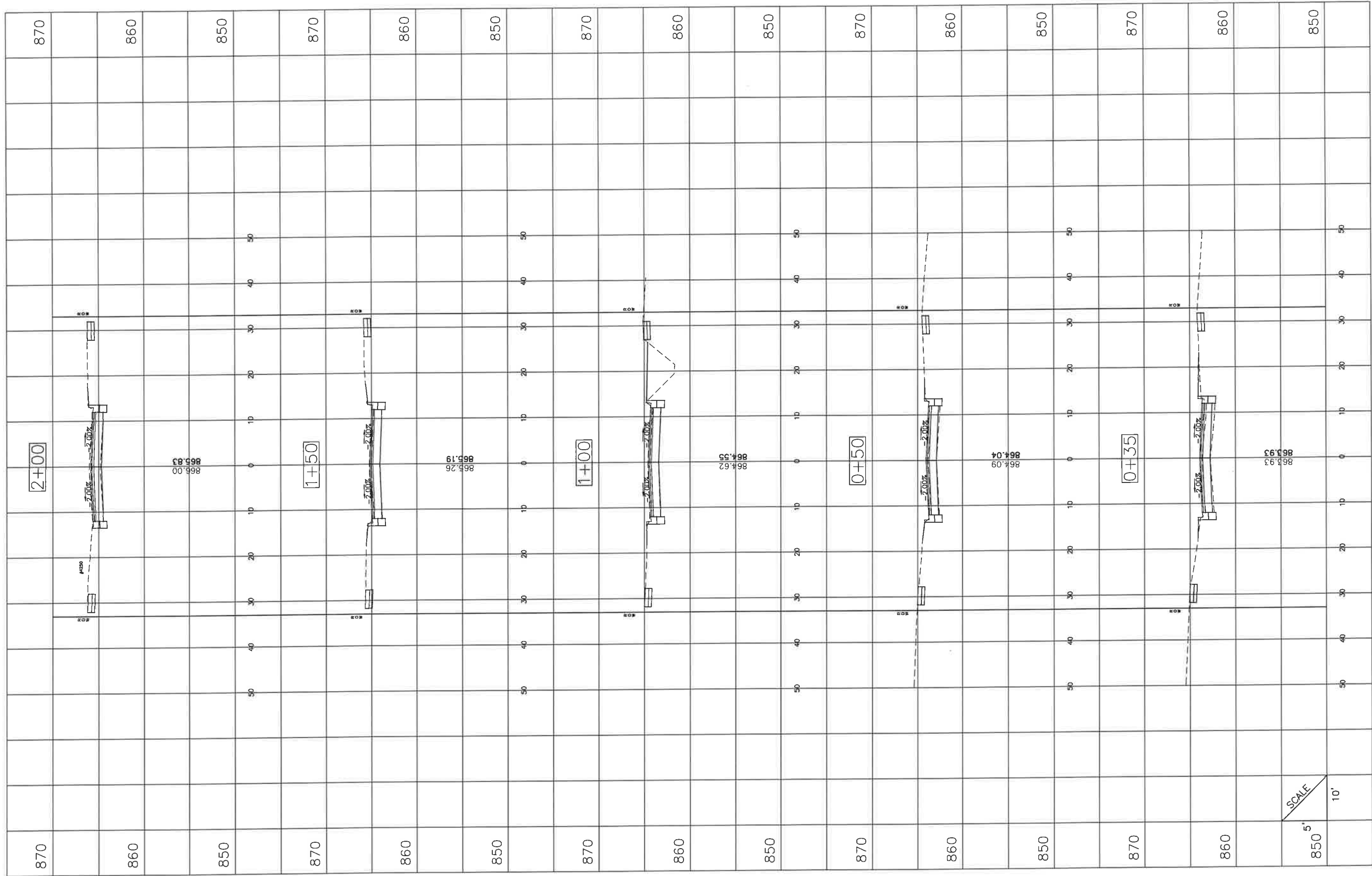
2026 Street Revitalization Project
Cross Sections - Harvard Lane

SHEET NO. 4 OF 4 SHEETS STA. 0+34 TO STA 8+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	100
		ILUNOIS		

PLAN	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTED	DATE	BY
	NOTED	DATE	BY

PROFILE	SURVEYED	DATE	BY
	NOTED	DATE	BY
	NOTED	DATE	BY
	NOTED	DATE	BY



FILE NAME =
Oak Knoll X-Sections.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/18/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

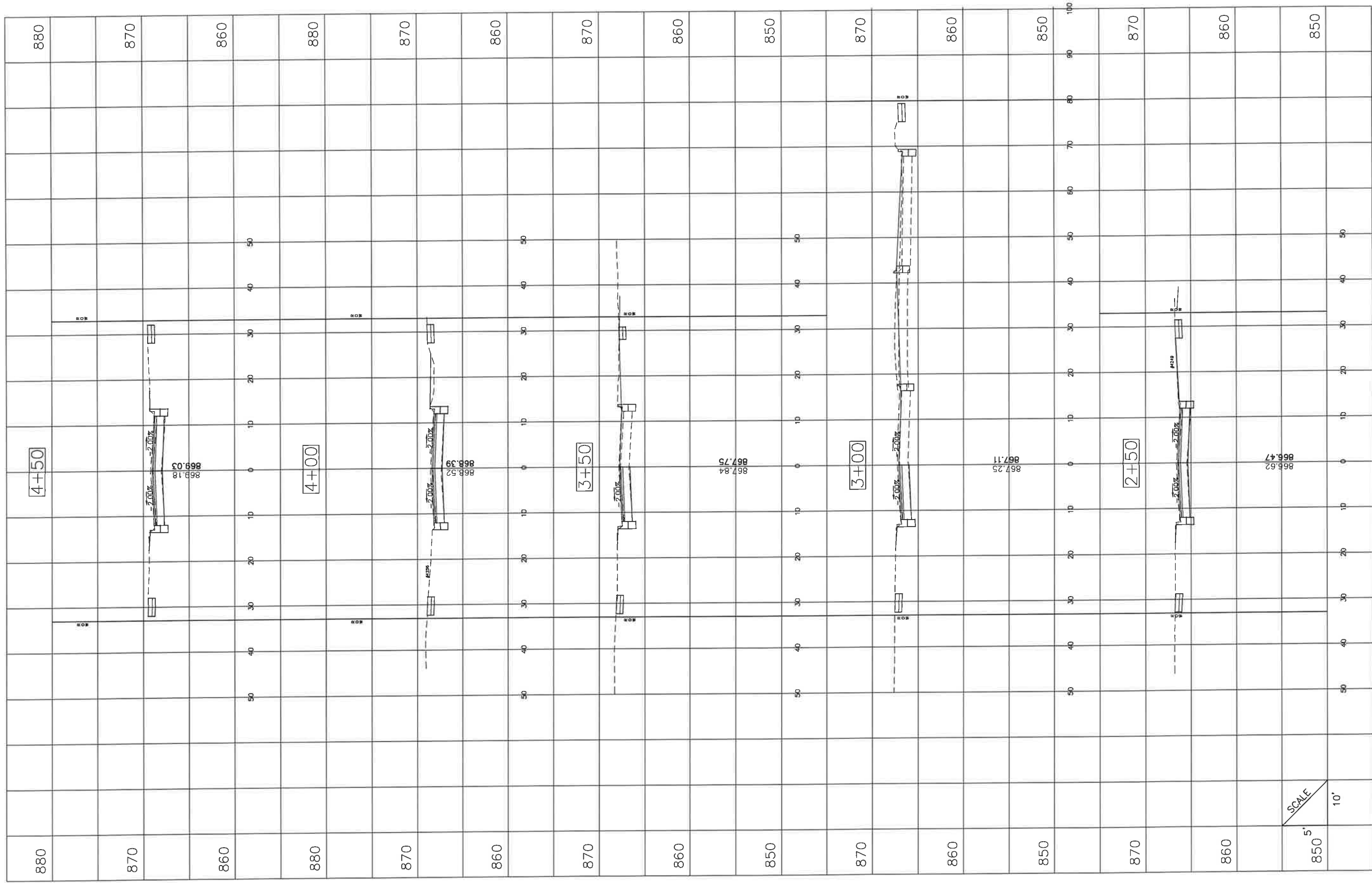
2026 Street Revitalization Project
Cross Sections - Oak Knoll Lane

SHEET NO. 1 OF 4 SHEETS STA. 0+35 TO STA 2+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	101
ILLINOIS				

PROFILE	DATE	BY	DATE
SURVEYED			
NOTES			
NO.			

PLAN	DATE	BY	DATE
SURVEYED			
NOTES			
NO.			



FILE NAME =
Oak Knoll X-Sections.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 12/18/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Cross Sections - Oak Knoll Lane

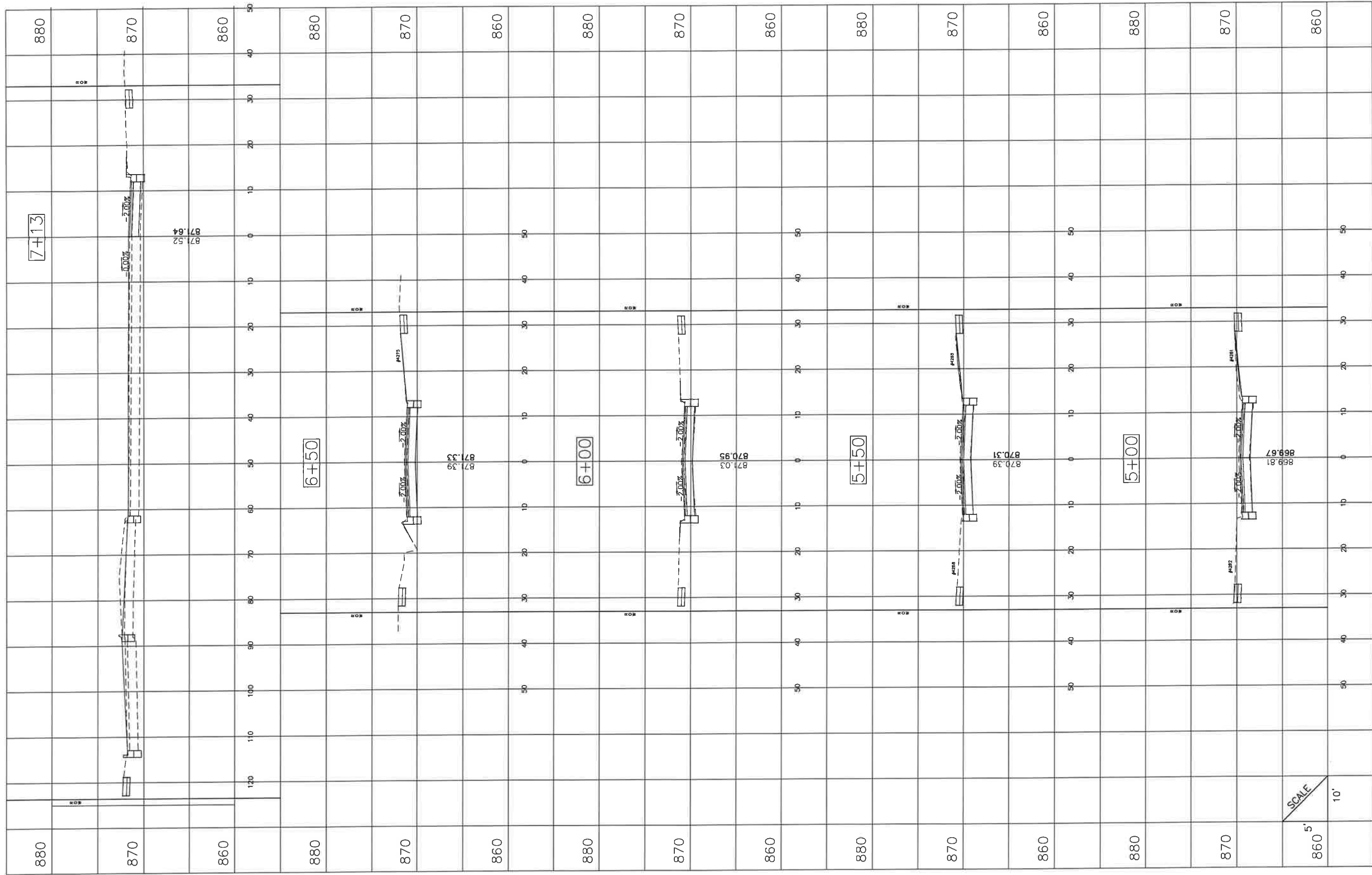
SHEET NO. 2 OF 4 SHEETS STA. 2+50 TO STA 4+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	102

ILLINOIS

PLAN	DESIGNED	DATE
	DRAWN	BY
	CHECKED	DATE
	NO.	

PROFILE	DESIGNED	DATE
	DRAWN	BY
	CHECKED	DATE
	NO.	



FILE NAME =
Oak Knoll X-Sections.dwg

DESIGNED - JGC
DRAWN - JGC
CHECKED - AJW
DATE - 12/18/2025

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

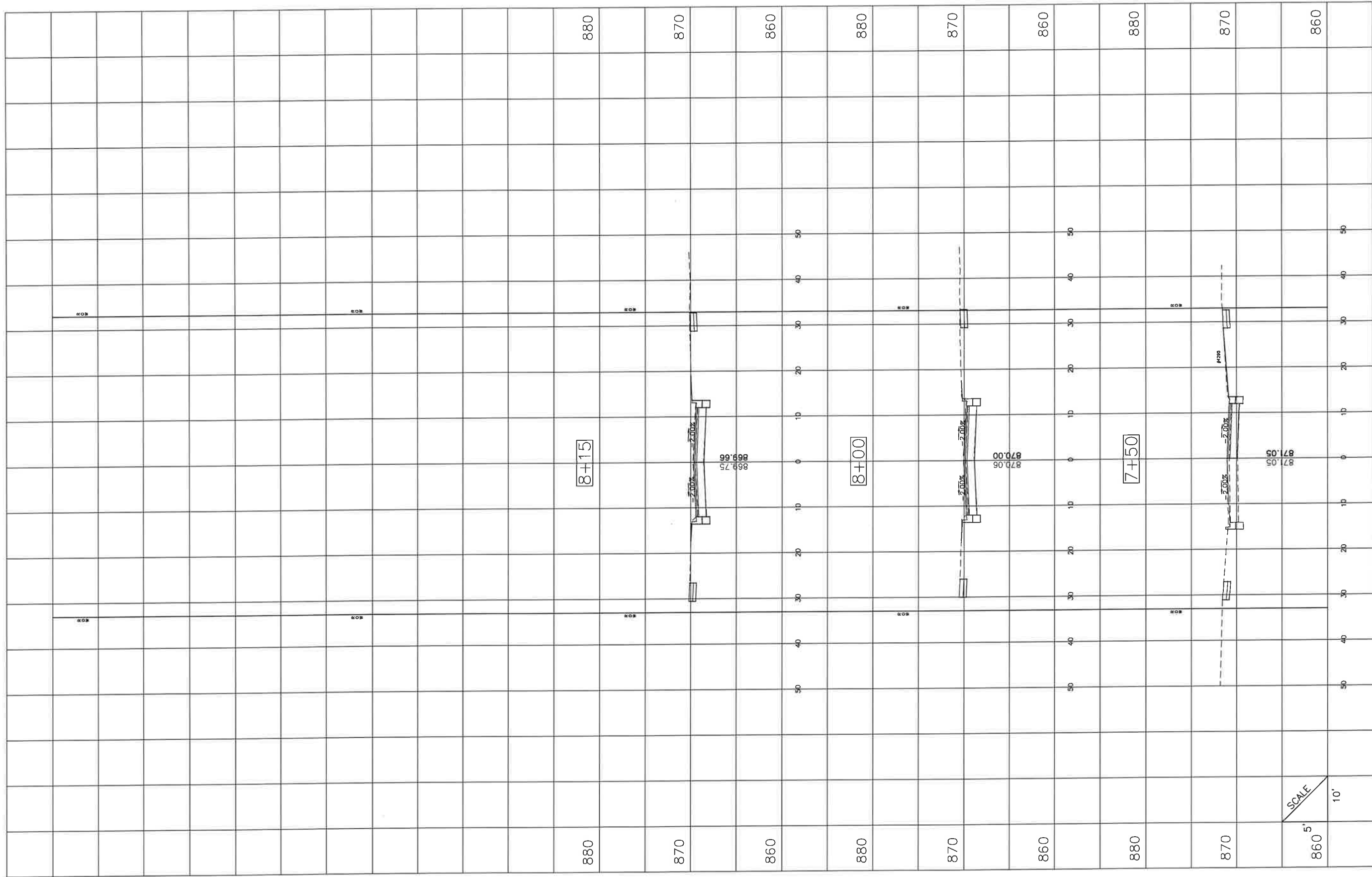
2026 Street Revitalization Project
Cross Sections - Oak Knoll Lane

SHEET NO. 3 OF 4 SHEETS STA. 5+00 TO STA 7+13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	103
ILLINOIS				

PLAN	DATE	BY
	DESIGNED	
	DRAWN	
	CHECKED	
NOTE BOOK NO.		
ALIGNMENT CHECKED		
PT. OF WAY CHECKED		
PROFILE NAME		

PROFILE	DATE	BY
	DESIGNED	
	DRAWN	
	CHECKED	
NOTE BOOK NO.		
ALIGNMENT CHECKED		
PT. OF WAY CHECKED		
PROFILE NAME		



FILE NAME =
Oak Knoll X-Sections.dwg

DESIGNED - JGC	REVISED -
DRAWN - JGC	REVISED -
CHECKED - AJW	REVISED -
DATE - 12/18/2025	REVISED -



VILLAGE OF
HOFFMAN ESTATES
1900 Hassell Road, Hoffman Estates, IL 60169
Phone Number: 847 252-5800

2026 Street Revitalization Project
Cross Sections - Oak Knoll Lane

SHEET NO. 4 OF 4 SHEETS STA. 7+50 TO STA 8+15

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26-00119-00-RS	Cook	104	104
ILLINOIS				