03-07-2025 LETTING ITEM 159

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	1
	ILLINOIS	CONTRACT NO. 61L25		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

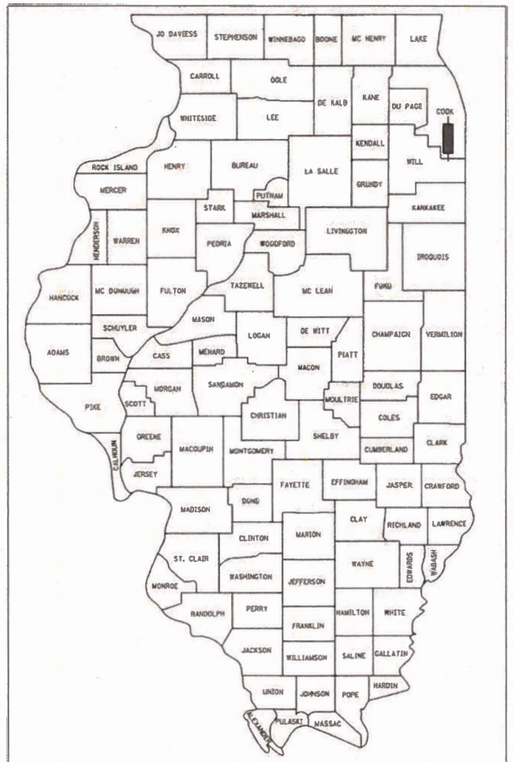
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

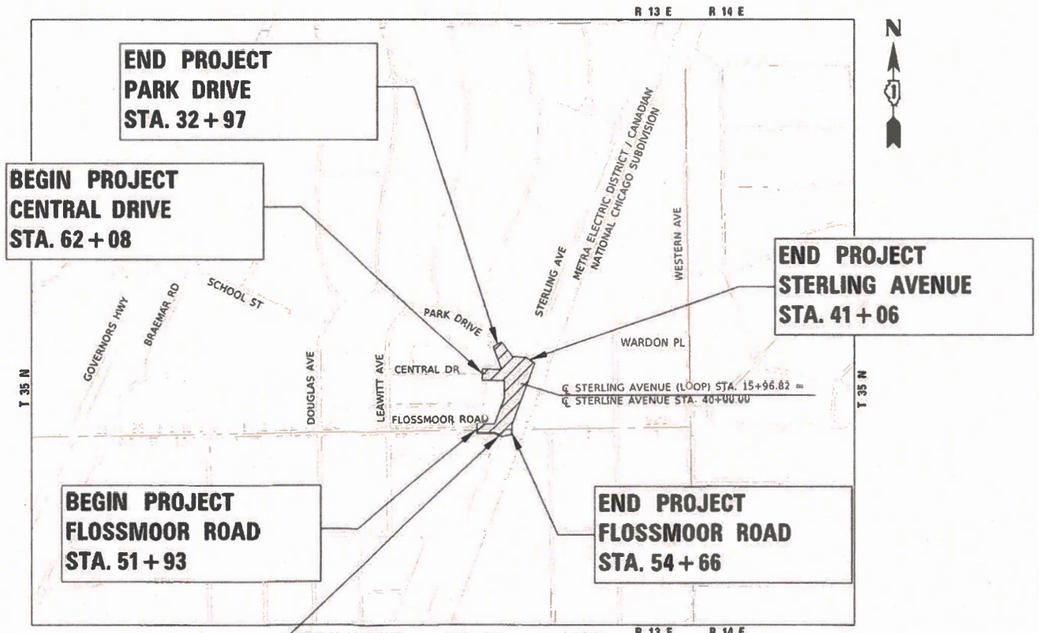
STERLING AVENUE (MUN 1052)
FLOSSMOOR ROAD TO PARK DRIVE
STREETSCAPE IMPROVEMENTS
SECTION: 19-00051-00-CH
PROJECT: ZZR2(010)
VILLAGE OF FLOSSMOOR
COOK COUNTY

C-91-065-25

LOCATION MAP
NOT TO SCALE



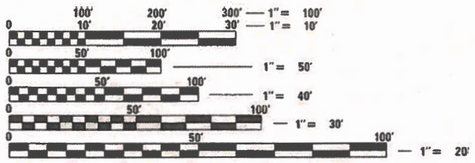
LOCATION OF SECTION INDICATED THUS: -



TRAFFIC DATA

STERLING AVENUE (MUN 1052)
FUNCTIONAL CLASSIFICATION: 7 – LOCAL ROAD
POSTED SPEED LIMIT: 10 MPH
AVERAGE DAILY TRAFFIC: 4,167 (2022)

FLOSSMOOR ROAD (FAU 3754)
FUNCTIONAL CLASSIFICATION: 5 – MAJOR COLLECTOR
POSTED SPEED LIMIT: 30 MPH
AVERAGE DAILY TRAFFIC: 7,700 (2022)



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

J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A1410723

Call Before You Dig
JULIE ILLINOIS ONE-CALL SYSTEM

CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = COOK
CITY-TWNSHP. = FLOSSMOOR-RICH
SEC. & 1/4 SEC. NO. = 1, 12
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61L25

DANIEL J. SCHUG
62-062227
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
PROJECT MANAGER
"LICENSE EXPIRES 11-30-2025"

LICENSED PROFESSIONAL ENGINEER
COLIN MCGOVERN
062-076326
OF ILLINOIS
PROJECT ENGINEER
"LICENSE EXPIRES 11-30-2025"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 11-25-24
VILLAGE OF FLOSSMOOR

PASSED Jan 3, 2025
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 1.6.2025
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

BAXTER & WOODMAN Consulting Engineers

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-10	PAVEMENT JOINTS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
442201-04	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602401-07	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604051-04	FRAME AND GRATE TYPE 11
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT 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
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
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720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS") ADOPTED JANUARY 1, 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2025, THE 11TH EDITION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" REVISED DECEMBER 1, 2023, AND THE 8TH EDITION "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

2. LOCATIONS OF PUBLIC UTILITIES SHOWN ON THE PLANS REPRESENTS ONLY THE OPINION OF THE VILLAGE AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER AND THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.

3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT 708-957-4100 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.

4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. WATER CAN ONLY BE OBTAINED FROM THE FLOSSMOOR PUBLIC WORKS FACILITY 1700 CENTRAL PARK AVENUE. CONTACT PW SUPT. AT 708-957-4100 ONE DAY PRIOR. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.

5. ALL ITEMS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND TEMPORARILY RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

6. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. LOCATIONS WITHIN FENCED IN WORK ZONE SHOULD BE PRIORITIZED, LOCATION SHALL BE COORDINATED WITH VILLAGE STAFF AND WILL BE MOVED AROUND AS NEEDED.

7. THE VILLAGE SHALL HAVE THE OPTION TO SALVAGE ANY DRAINAGE GRATES, SIGN PANELS, DELINEATORS, OR TREE GRATES. ANY SALVAGED ITEMS SHALL BE DELIVERED TO THE VILLAGE OF FLOSSMOOR PUBLIC WORKS YARD.

8. ALL NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT ON THE SODDING APPLICATION.

9. ALL EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALK TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE COMMENCEMENT. SAWCUTS SHALL BE FULL DEPTH AND SHALL RESULT IN A CLEAN, STRAIGHT EDGE ON THE PORTION REMAINING.

10. NO HOLES ARE TO BE LEFT OPEN IN THE PAVEMENT OR PARKWAY OVER A HOLIDAY, WEEKEND OR AFTER 3:00 P.M. ON THE DAY PRECEDING A HOLIDAY OR A WEEKEND.

11. ALL CURB RADII REFER TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

12. PROPOSED ELEVATIONS INDICATE FINISHED CONDITIONS. FOR ROUGH GRADING ELEVATIONS, ALLOW FOR THICKNESS OF PROPOSED PAVING (ROADS, WALKS, DRIVES, ETC.) OR TOPSOIL AS INDICATED ON DRAWINGS.

13. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING AGGREGATE COURSE FOR TEMPORARY ACCESS.

14. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFTY THE ENGINEER, RESIDENTS, BUISNESSES, AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES TO RESIDENTS AND BUISNESSES AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMOODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.

15. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 8-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES COMMERCIAL DRIVEWAYS AND 6-INCHES WHERE THE SIDEWALK CROSSES PRIVATE DRIVEWAYS. TRANSVERSE EXPANSION JOINTS ¾" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.

16. THE CONTRACTOR WILL BE REQUIRED TO USE A STEEL PLATE OR PLATES TO CLOSE ANY GAPS OCCURRING WHEN A FRAME IS OFFSET FROM THE STRUCTURE. THE STEEL PLATE SHALL BE ½-INCH THICK AND APPROXIMATELY 6-INCH WIDE BY 24-INCH LONG. SOME ADJUSTMENT IN SIZE MAY BE NECESSARY TO PREVENT THE STEEL PLATE FROM OVERHANGING THE OUTSIDE OF THE STRUCTURE WALL. THE STEEL PLATE SHALL BE BEDDED IN AN COVERED WITH MORTAR.

17. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO ENSURE THAT GRADE CONFLICTS WILL NOT OCCUR.

18. STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURBLINE, OR TO THE CENTER OF THE STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE. DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE LANE UNLESS OTHERWISE NOTED. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC UNLESS OTHERWISE NOTED.

19. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED.

20. UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.

21. THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES.

22. IF DURING CONSTRUCTION, THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, THEY SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED.

23. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, CULVERTS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. THE CONTRACTOR SHALL BE ALWAYS PREPARED TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE.

24. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS.

25. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER OR EXTENDED TO OUTLET INTO A PROPOSED DRAINAGE WAY. IF THIS CANNOT BE ACCOMPLISHED, THEN IT SHALL BE REPAIRED WITH NEW PIPE OF SIMILAR SIZE AND MATERIAL TO THE ORIGINAL LINE AND PUT IN ACCEPTABLE OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR ON-SITE DRAINPIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT.

26. COUPLINGS USED FOR CONNECTIONS OF NEW PIPE TO EXISTING PIPE AND WHERE DISSIMILAR PIPE AND JOINT MATERIALS ARE ENCOUNTERED SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. NO STAINLESS-STEEL SHEAR RINGS WILL BE ALLOWED.

27. THE CONTRACTOR SHALL TAKE EXTRA CARE WHEN REMOVING SIDEWALK NEAR BUILDINGS TO AVOID DAMAGE TO FACADES, DOORS, WINDOWS, ETC.

28. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDINACE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

29. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.

DISTRICT 1 DETAILS

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB & EDGE OF SHOULDER > 15' (4.5M)
BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5M)
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS, AND DISTRICT 1 DETAILS

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	2
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL 20% LOCAL ROADWAY 0028 URBAN	CONSTRUCTION CODE 80% FEDERAL 20% LOCAL TRAINEES 0042 URBAN
20101000	TEMPORARY FENCE	FOOT	320	320	
* 20101200	TREE ROOT PRUNING	EACH	16	16	
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2	2	
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	14	14	
20200100	EARTH EXCAVATION	CU YD	254	254	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	172	172	
20800150	TRENCH BACKFILL	CU YD	93	93	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	434	434	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	325	325	
* 25200110	SODDING, SALT TOLERANT	SQ YD	325	325	
* 25200200	SUPPLEMENTAL WATERING	UNIT	30	30	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8	8	
28000510	INLET FILTERS	EACH	24	24	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	348	348	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	97	97	

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL ROADWAY 0028 URBAN	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL TRAINEES 0042 URBAN
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,501	2,501	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	194	194	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	64	64	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,758	2,758	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1,070	1,070	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	13	13	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	74	74	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	199	199	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	325	325	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	2	2	
42001300	PROTECTIVE COAT	SQ YD	2,705	2,705	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	29	29	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17,580	17,580	
44000100	PAVEMENT REMOVAL	SQ YD	1,230	1,230	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	542	542	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 2 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	4
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL ROADWAY 0028 URBAN	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL TRAINEES 0042 URBAN
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	92	92	
44000300	CURB REMOVAL	FOOT	253	253	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,795	1,795	
44000600	SIDEWALK REMOVAL	SQ FT	14,549.00	14,549.00	
44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	34	34	
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	47	47	
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	89	89	
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	94	94	
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	55	55	
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	109	109	
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	164	164	
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	218	218	
550A2310	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 10"	FOOT	3	3	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	114	114	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	70	70	

* INDICATES SPECIALTY ITEM

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BAXTER & WOODMAN Consulting Engineers

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 3 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	5
		CONTRACT NO. 61L25		
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL ROADWAY 0028 URBAN	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL TRAINEES 0042 URBAN
55100200	STORM SEWER REMOVAL 6"	FOOT	32	32	
55100300	STORM SEWER REMOVAL 8"	FOOT	15	15	
55100400	STORM SEWER REMOVAL 10"	FOOT	44	44	
55100500	STORM SEWER REMOVAL 12"	FOOT	10	10	
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	5	5	
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5	5	
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	6	
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	8	8	
60404800	FRAMES AND GRATES, TYPE 11	EACH	1	1	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2	
60500050	REMOVING CATCH BASINS	EACH	1	1	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 4 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	6
		CONTRACT NO. 61L25		
		ILLINOIS ' FED. AID PROJECT ZZR2(010)		

				CONSTRUCTION CODE	
				80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAINEES
				0028	0042
				URBAN	URBAN
60500060	REMOVING INLETS	EACH	9	9	
60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	1	1	
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	3	3	
60600605	CONCRETE CURB, TYPE B	FOOT	316	316	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,079	2,079	
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	819	819	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35	35	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	

* INDICATES SPECIALTY ITEM

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				CONSTRUCTION CODE	
				80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAINEES
				0028	0042
				URBAN	URBAN
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,915.0	2,915.0	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,282	2,282	
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	28	28	
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	2,822	2,822	
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	93	93	
72000100	SIGN PANEL - TYPE 1	SQ FT	169	169	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	30	30	
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	6	6	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	28	28	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,822	2,822	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	93	93	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	88	88	
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2	2	
* A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 6 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	8

CONTRACT NO. 61L25

ILLINOIS FED. AID PROJECT ZZR2(010)

					CONSTRUCTION CODE	
					80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAINEES
					0028	0042
					URBAN	URBAN
*	A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
*	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
*	A2008519	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
*	C2001120	SHRUB, CEANOTHUS AMERICANUS (NEW JERSEY TEA), CONTAINER GROWN, 3-GALLON	EACH	62	62	
*	C2C02324	SHRUB, DIERVILLA LONICERA (BUSH HONEY SUCKLE), 2' HEIGHT, CONTAINER	EACH	76	76	
*	C2C03724	SHRUB, HYPERICUM KALMIANUM (KALM ST. JOHNSWORT), 2' HEIGHT, CONTAINER	EACH	66	66	
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	15.9	15.9	
*	K0026850	PERENNIAL PLANT CARE	SQ YD	650	650	
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	11	11	
*	K0036118	MULCH PLACEMENT 3"	SQ YD	8	8	
	Z0003850	BENCHES	EACH	15	15	
	Z0003855	BICYCLE RACKS	EACH	14	14	
	Z0004002	BOLLARDS	EACH	4	4	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	15	15	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 7 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	9
		CONTRACT NO. 61L25		
	ILLINOIS FED. AID PROJECT ZZR2(010)			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL ROADWAY 0028 URBAN	CONSTRUCTION CODE: 80% FEDERAL 20% LOCAL TRAINEES 0042 URBAN
Z0019600	DUST CONTROL WATERING	UNIT	10	10	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	156	156	
Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1	1	
Z0034100	MASONRY WALL CONSTRUCTION	SQ FT	45	45	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	86	86	
Z0062456	TEMPORARY PAVEMENT	SQ YD	401	401	
Z0076600	TRAINEES	HOUR	500		500
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500
X0323706	TRASH RECEPTACLE RELOCATION	EACH	7	7	
X0326414	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 8 INCH	SQ FT	1,746	1,746	
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	550	550	
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	4	4	
X1800003 *	PLANTING SOIL MIX FURNISH AND PLACE	CU YD	184	184	
X2010400	STUMP REMOVAL ONLY	UNIT	329	329	
X2111000	TOPSOIL EXCAVATION	CU YD	75	75	

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 8 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	10
		CONTRACT NO. 61L25		
	ILLINOIS FED. AID PROJECT ZZA2(010)			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 80% FEDERAL 20% LOCAL ROADWAY 0028 URBAN	CONSTRUCTION CODE 80% FEDERAL 20% LOCAL TRAINEES 0042 URBAN
X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	50	50	
X2530009	TREE GRATE REMOVAL	EACH	25	25	
* X2800002	PREFORMED THERMOPLASTIC PAVEMENT MARKING (SPECIAL)	SQ YD	191	191	
X2800510	INLET FILTER CLEANING	EACH	48	48	
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4	
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	223	223	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,222	3,222	
X5230166	DOWNSPOUT ADJUSTMENT	EACH	14	14	
* X5620128	ADJUSTING WATER SERVICE LINES	EACH	1	1	
* X5630213	ADJUSTING SANITARY SEWER SERVICE LINE	EACH	1	1	
X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	4	4	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	8	
X6350120	DELINEATOR REMOVAL	EACH	25	25	
* X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	510	510	
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	2	2	

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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SUMMARY OF QUANTITIES

SCALE: | SHEET 9 OF 10 SHEETS | STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	11

CONTRACT NO. 61L25

ILLINOIS FED. AID PROJECT ZZR2(010)

				CONSTRUCTION CODE	
				80% FEDERAL 20% LOCAL	80% FEDERAL 20% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 URBAN	TRAINEES 0042 URBAN
* X8360095	EXISTING LIGHT POLE FOUNDATION ADJUSTMENT	EACH	27	27	
* X8510252	PAINTING LIGHT POLE UNIT	EACH	28	28	
XX005735	PLANTER CURB	FOOT	526	526	
XX007324	RECYCLING RECEPTACLE	EACH	7	7	
XX007747	PARK BENCH REMOVAL AND RELOCATION	EACH	13	13	
* XX009591	LANDSCAPING PLANTER	EACH	12	12	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE | SHEET 10 OF 10 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	12
		CONTRACT NO. 61L25		
	ILLINOIS FED. AID PROJECT ZZA2(010)			

NOTES

1. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

2. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.

3. LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.

4. FINISHED HMA ¼" HIGHER THAN GUTTER FLAG

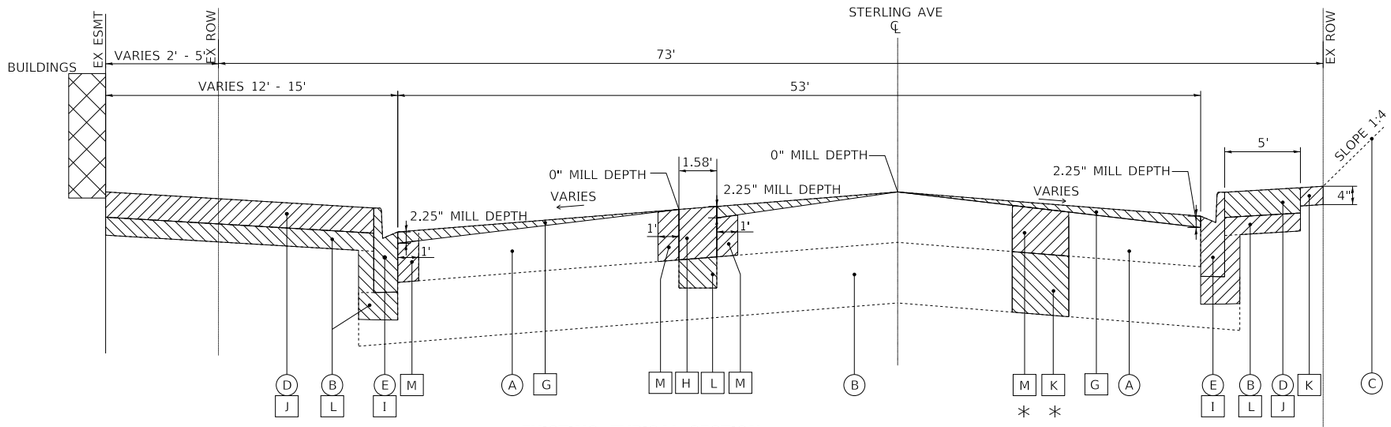
5. CONTRACTOR SHALL MILL BEFORE PATCHING

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (SEE CORE TABLE)
- (B) EXISTING AGGREGATE BASE (SEE CORE TABLE)
- (C) EXISTING GROUND
- (D) EXISTING SIDEWALK
- (E) EXISTING COMBINATION CURB AND GUTTER OR CURB
- [F] HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- [G] HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- [H] PAVEMENT REMOVAL
- [I] COMBINATION CURB AND GUTTER REMOVAL
- [J] SIDEWALK REMOVAL
- [K] REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- [L] EARTH EXCAVATION
- [M] CLASS D PATCHING - 5" OR 7"
- ITEM TO BE REMOVED

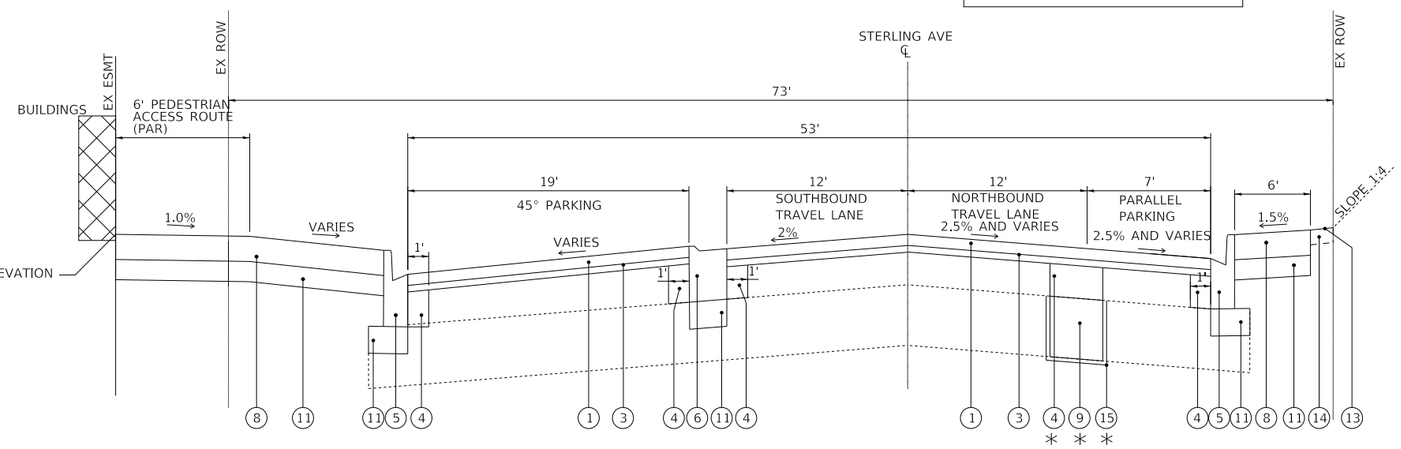
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (3) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 3/4" TO 1 1/4"
- (4) CLASS D PATCHING - 5" OR 7"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (7) CONCRETE CURB, TYPE B
- (8) PCC SIDEWALK 5" (8" AT DRIVEWAYS)
- (9) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (10) STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE - 8"
- (11) AGGREGATE BASE COURSE TYPE B, 4"
- (12) AGGREGATE BASE COURSE TYPE B, 6"
- (13) SODDING, SALT TOLERANT
- (14) TOPSOIL, FURNISH AND PLACE 4"
- (15) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (16) INCIDENTAL HOT-MIX ASPHALT SURFACING



EXISTING TYPICAL SECTION
STERLING AVE
STA 12+35 TO STA 14+25

* AS DETERMINED BY THE ENGINEER



PROPOSED TYPICAL SECTION
STERLING AVE
STA 12+35 TO STA 14+25

EXISTING PAVEMENT THICKNESS DATA			
CORE	STREET	HMA	BASE
C-1	STERLING	9.0"	12.25"
C-2	STERLING	7.25"	11.75"
C-3	STERLING	6.75"	7.25"
C-4	CENTRAL	7.5"	8.5"
C-5	PARK	5.75"	4.25"
C-6	STERLING	6.75"	4.5"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING (CENTRAL DR)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 1.5"	4% @ 50 Gyr.	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"	3.5% @ 50 Gyr.	LR1030-2
VARIABLE DEPTH PAVEMENT RESURFACING (STERLING AVE & PARK DR)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 1.5"	4% @ 50 Gyr.	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 0.75"-1.25"	3.5% @ 50 Gyr.	LR1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 3.0"	4% @ 50 Gyr.	LR1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2.0"	4% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0) - 8.0"	4% @ 50 Gyr.	LR1030-2
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 5" OR 7"	4% @ 50 Gyr.	LR1030-2
INCIDENTAL HOT-MIX ASPHALT SURFACING (FLOSSMOOR RD)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 1.5"	4% @ 50 Gyr.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) GOVERNED BY LR1030-2		

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 THE RECLAIMED MATERIALS SPECIFICATIONS.

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BAXTER & WOODMAN Consulting Engineers

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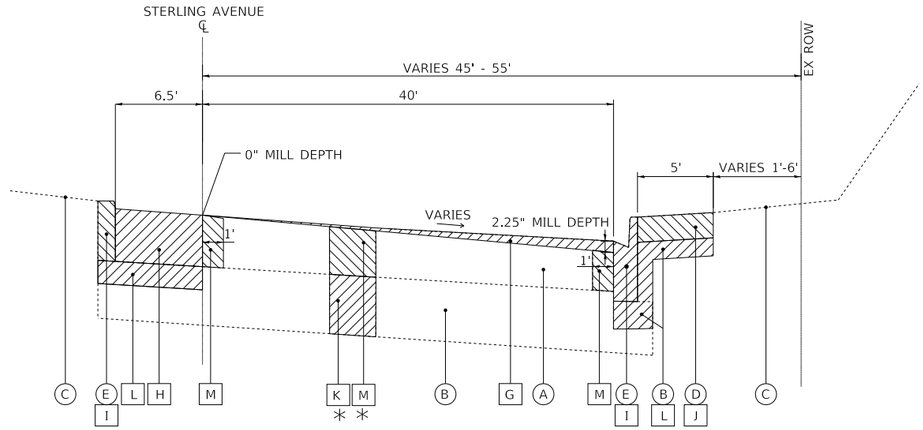
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-TypSec_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE | SHEET 1 OF 5 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	13
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

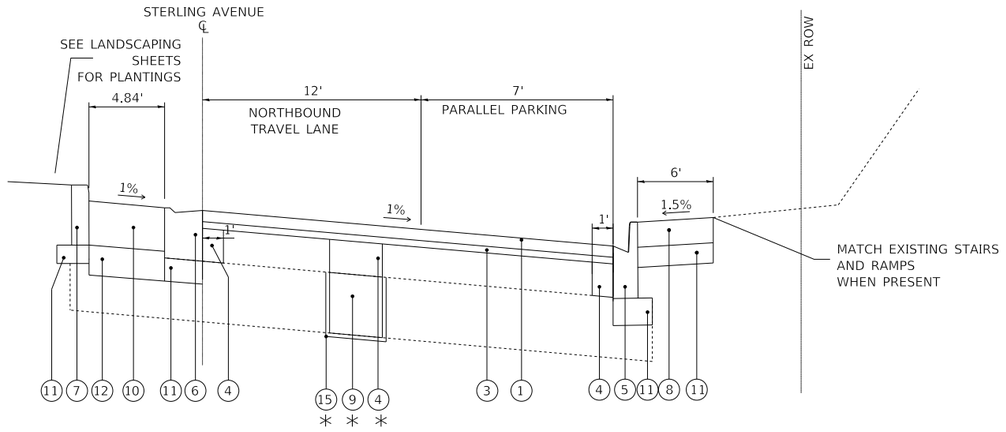


EXISTING TYPICAL SECTION

STERLING AVE

STA 14+25 TO STA 15+98
STA 40+00 TO STA 41+05

* AS DETERMINED BY THE ENGINEER



EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (SEE CORE TABLE)
- (B) EXISTING AGGREGATE BASE (SEE CORE TABLE)
- (C) EXISTING GROUND
- (D) EXISTING SIDEWALK
- (E) EXISTING COMBINATION CURB AND GUTTER OR CURB
- [F] HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- [G] HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- [H] PAVEMENT REMOVAL
- [I] COMBINATION CURB AND GUTTER REMOVAL
- [J] SIDEWALK REMOVAL
- [K] REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- [L] EARTH EXCAVATION
- [M] CLASS D PATCHING - 5" OR 7"
- ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (3) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 3/4" TO 1 1/4"
- (4) CLASS D PATCHING - 5" OR 7"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (7) CONCRETE CURB, TYPE B
- (8) PCC SIDEWALK 5" (8" AT DRIVEWAYS)
- (9) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (10) STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE - 8"
- (11) AGGREGATE BASE COURSE TYPE B, 4"
- (12) AGGREGATE BASE COURSE TYPE B, 6"
- (13) SODDING, SALT TOLERANT
- (14) TOPSOIL, FURNISH AND PLACE 4"
- (15) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (16) INCIDENTAL HOT-MIX ASPHALT SURFACING

PROPOSED TYPICAL SECTION

STERLING AVE

STA 14+25 TO STA 15+98
STA 40+00 TO STA 41+05

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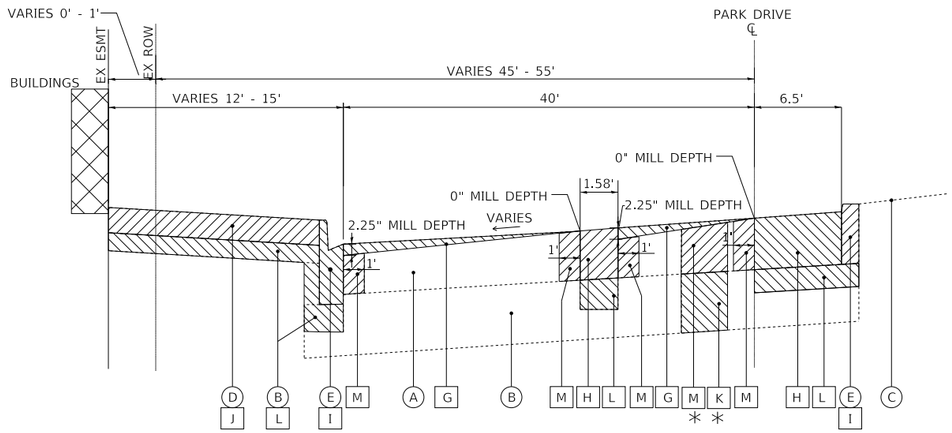
	PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-TypSec_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

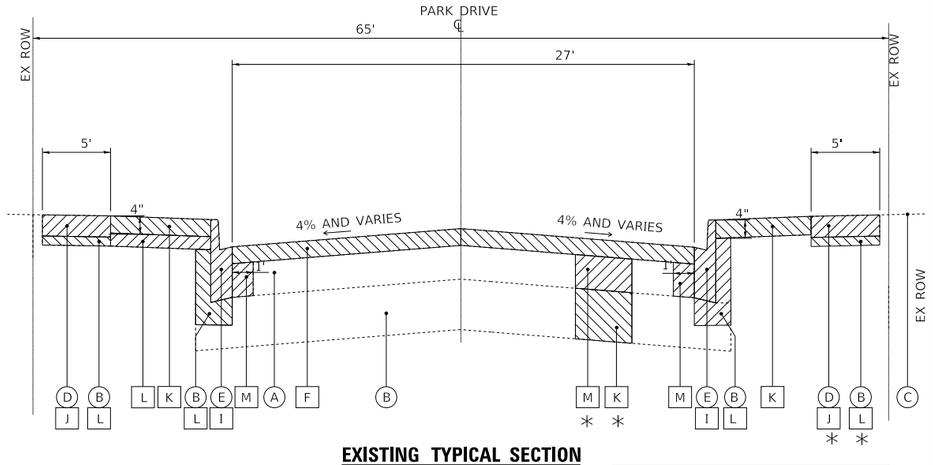
SCALE: NONE | SHEET 2 OF 5 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	14
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



EXISTING TYPICAL SECTION
PARK DRIVE
STA 28+91 TO STA 31+00

* AS DETERMINED BY THE ENGINEER

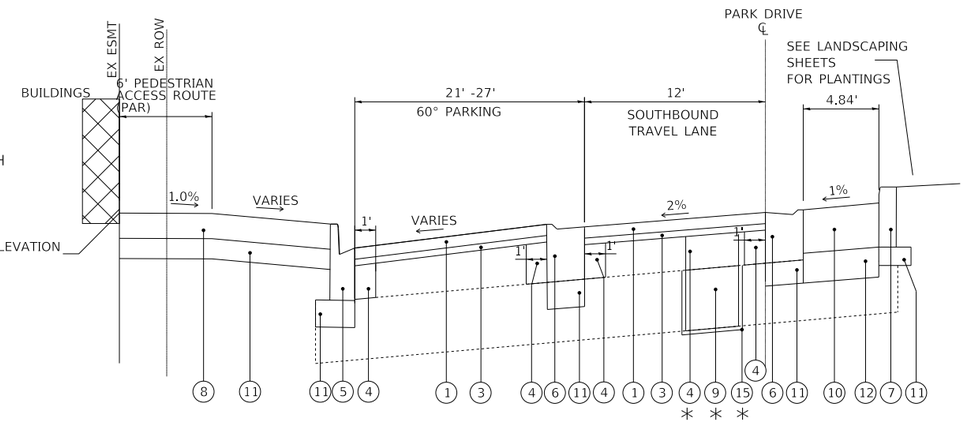


EXISTING TYPICAL SECTION
PARK DRIVE
STA 31+00 TO 32+97

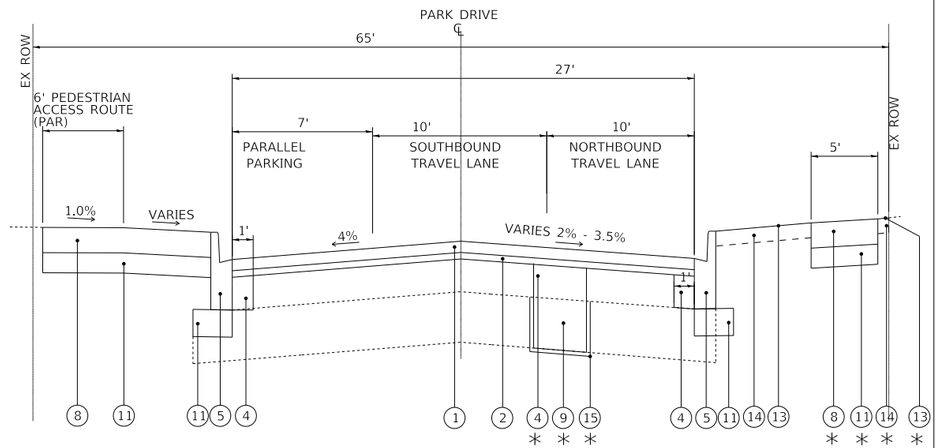
* AS DETERMINED BY THE ENGINEER

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (SEE CORE TABLE)
- (B) EXISTING AGGREGATE BASE (SEE CORE TABLE)
- (C) EXISTING GROUND
- (D) EXISTING SIDEWALK
- (E) EXISTING COMBINATION CURB AND GUTTER OR CURB
- [F] HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- [G] HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- [H] PAVEMENT REMOVAL
- [I] COMBINATION CURB AND GUTTER REMOVAL
- [J] SIDEWALK REMOVAL
- [K] REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- [L] EARTH EXCAVATION
- [M] CLASS D PATCHING - 5" OR 7"
- ITEM TO BE REMOVED



PROPOSED TYPICAL SECTION
PARK DRIVE
STA 28+91 TO STA 31+00



PROPOSED TYPICAL SECTION
PARK DRIVE
STA 31+00 TO 32+97

PROPOSED LEGEND

1. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 1/2"
2. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
3. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 3/4" TO 1 1/4"
4. CLASS D PATCHING - 5" OR 7"
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
7. CONCRETE CURB, TYPE B
8. PCC SIDEWALK 5" (8" AT DRIVEWAYS)
9. AGGREGATE SUBGRADE IMPROVEMENT - 12"
10. STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE - 8"
11. AGGREGATE BASE COURSE TYPE B, 4"
12. AGGREGATE BASE COURSE TYPE B, 6"
13. SODDING, SALT TOLERANT
14. TOPSOIL, FURNISH AND PLACE 4"
15. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
16. INCIDENTAL HOT-MIX ASPHALT SURFACING

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BAXTER & WOODMAN Consulting Engineers

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE | SHEET 3 OF 5 SHEETS | STA. | TO STA.

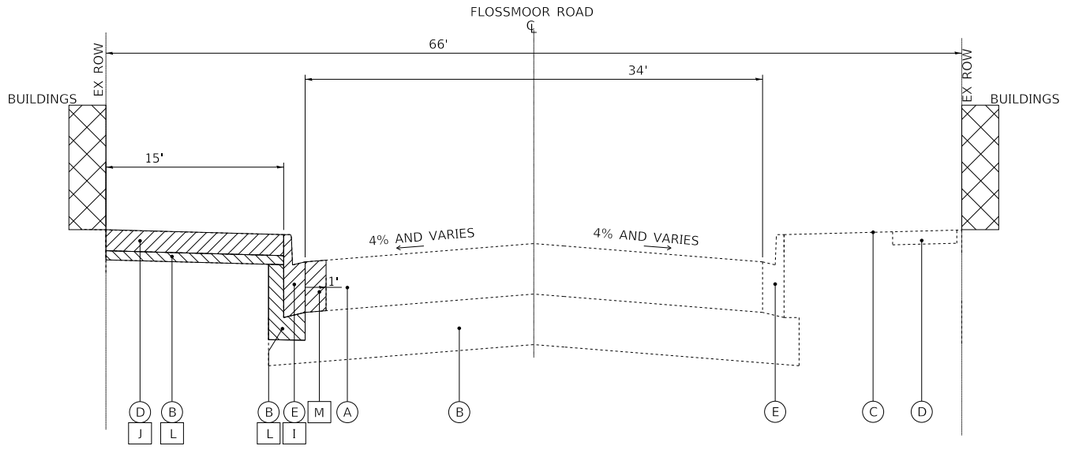
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	15
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (SEE CORE TABLE)
- (B) EXISTING AGGREGATE BASE (SEE CORE TABLE)
- (C) EXISTING GROUND
- (D) EXISTING SIDEWALK
- (E) EXISTING COMBINATION CURB AND GUTTER OR CURB
- [F] HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- [G] HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- [H] PAVEMENT REMOVAL
- [I] COMBINATION CURB AND GUTTER REMOVAL
- [J] SIDEWALK REMOVAL
- [K] REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- [L] EARTH EXCAVATION
- [M] CLASS D PATCHING - 5" OR 7"
- ITEM TO BE REMOVED

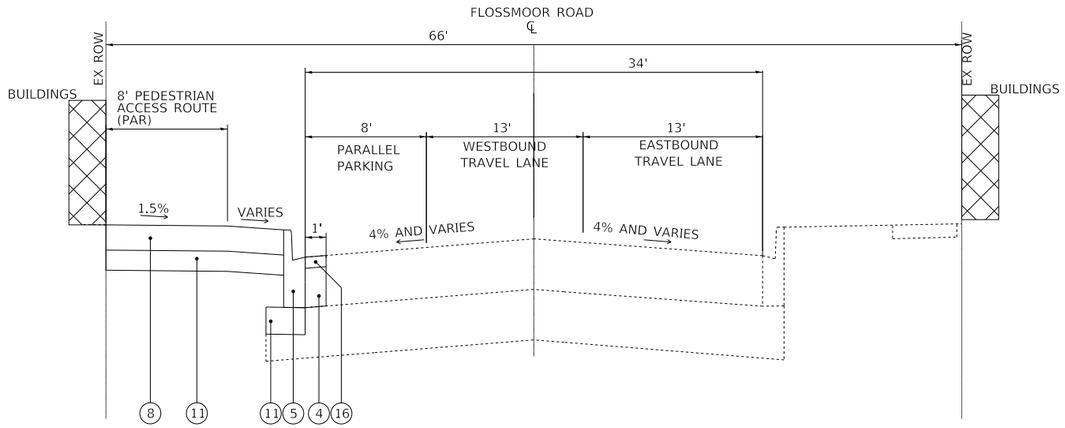
PROPOSED LEGEND

1. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 1/2"
2. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
3. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 3/4" TO 1 1/4"
4. CLASS D PATCHING - 5" OR 7"
5. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
7. CONCRETE CURB, TYPE B
8. PCC SIDEWALK 5" (8" AT DRIVEWAYS)
9. AGGREGATE SUBGRADE IMPROVEMENT - 12"
10. STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE - 8"
11. AGGREGATE BASE COURSE TYPE B, 4"
12. AGGREGATE BASE COURSE TYPE B, 6"
13. SODDING, SALT TOLERANT
14. TOPSOIL, FURNISH AND PLACE 4"
15. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
16. INCIDENTAL HOT-MIX ASPHALT SURFACING



EXISTING TYPICAL SECTION
FLOSSMOOR ROAD
STA 51+89 TO STA 54+20

* AS DETERMINED BY THE ENGINEER



PROPOSED TYPICAL SECTION
FLOSSMOOR ROAD
STA 51+89 TO STA 54+20

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE | SHEET 4 OF 5 SHEETS | STA. | TO STA.

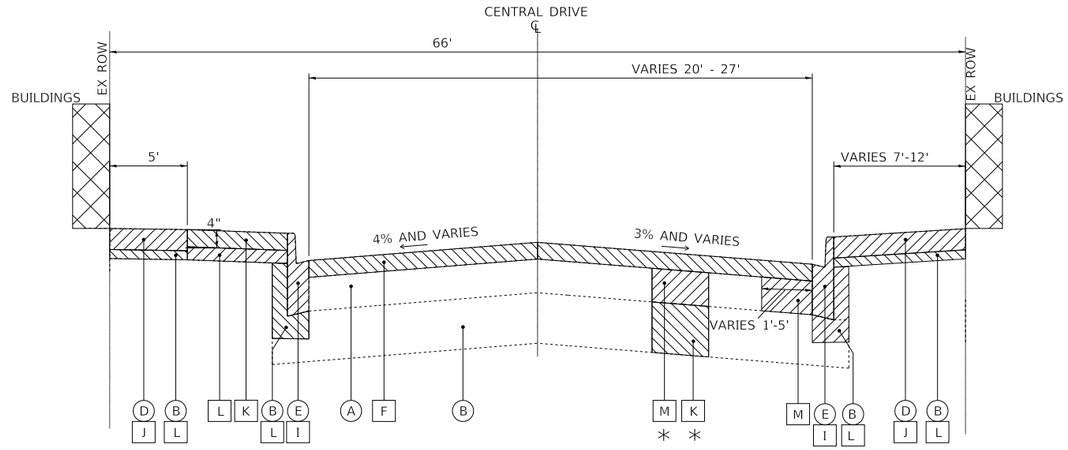
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	16
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (SEE CORE TABLE)
- (B) EXISTING AGGREGATE BASE (SEE CORE TABLE)
- (C) EXISTING GROUND
- (D) EXISTING SIDEWALK
- (E) EXISTING COMBINATION CURB AND GUTTER OR CURB
- [F] HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- [G] HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- [H] PAVEMENT REMOVAL
- [I] COMBINATION CURB AND GUTTER REMOVAL
- [J] SIDEWALK REMOVAL
- [K] REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- [L] EARTH EXCAVATION
- [M] CLASS D PATCHING - 5" OR 7"
- ITEM TO BE REMOVED

PROPOSED LEGEND

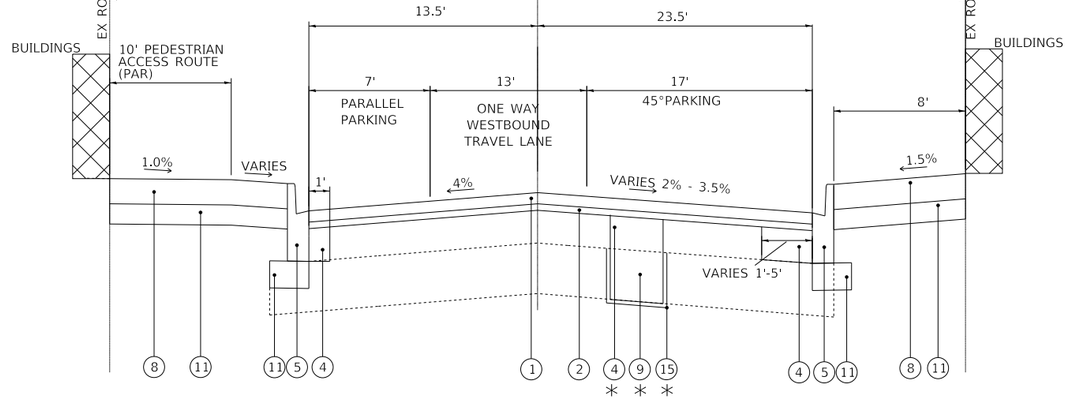
- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (3) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 3/4" TO 1 1/4"
- (4) CLASS D PATCHING - 5" OR 7"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (7) CONCRETE CURB, TYPE B
- (8) PCC SIDEWALK 5" (8" AT DRIVEWAYS)
- (9) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (10) STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE - 8"
- (11) AGGREGATE BASE COURSE TYPE B, 4"
- (12) AGGREGATE BASE COURSE TYPE B, 6"
- (13) SODDING, SALT TOLERANT
- (14) TOPSOIL, FURNISH AND PLACE 4"
- (15) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (16) INCIDENTAL HOT-MIX ASPHALT SURFACING



EXISTING TYPICAL SECTION
CENTRAL DRIVE

STA 62+08 TO STA 64+08

* AS DETERMINED BY THE ENGINEER



PROPOSED TYPICAL SECTION
CENTRAL DRIVE

STA 62+08 TO STA 64+08

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE | SHEET 5 OF 5 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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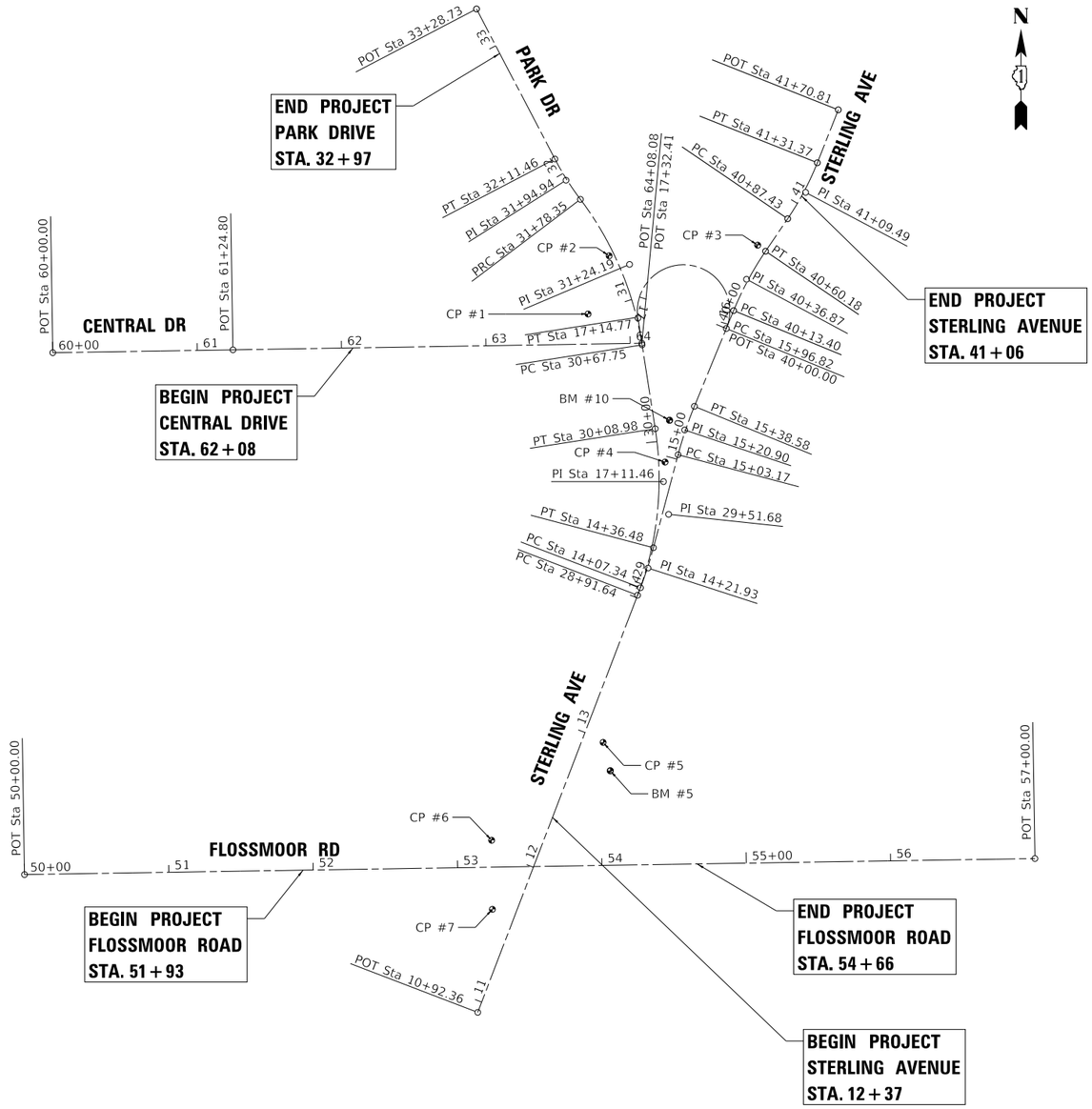
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



BENCHMARKS

BM #5 NE BONNET FIRE HYDRANT
ELEVATION: 668.691
N = 1776664.2697
E = 1163364.1845

BM #10 SE ARROW BONNET FIRE HYDRANT
ELEVATION: 674.6511
N = 1776906.8955
E = 1163404.5762

NOTES

1. ALL ELEVATIONS ARE ON NAVD 88 DATUM.

PARK DRIVE

PROP. CURVE PARK_PR_1
PI STA. = 29+51.68
Δ = 29° 52' 49" (LT)
D = 25° 27' 53"
R = 225.00'
T = 60.04'
L = 117.34'
E = 7.87'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 28+91.64
P.T. STA. = 30+08.98

PROP. CURVE PARK_PR_4
PI STA. = 31+24.19
Δ = 28° 09' 45" (LT)
D = 25° 27' 53"
R = 225.00'
T = 56.44'
L = 110.59'
E = 6.97'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 30+67.75
P.T. STA. = 31+78.35

PROP. CURVE PARK_PR_5
PI STA. = 31+94.94
Δ = 9° 28' 26" (RT)
D = 28° 36' 49"
R = 200.24'
T = 16.59'
L = 33.11'
E = 0.69'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 31+78.35
P.T. STA. = 32+11.46

STERLING LOOP

PROP. CURVE STERLOOP_PR_3
PI STA. = 14+21.93
Δ = 6° 06' 58" (LT)
D = 20° 59' 15"
R = 273.00'
T = 14.58'
L = 29.14'
E = 0.39'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 14+07.34
P.T. STA. = 14+36.48

PROP. CURVE STERLOOP_PR_6
PI STA. = 15+20.90
Δ = 7° 25' 49" (RT)
D = 20° 59' 15"
R = 273.00'
T = 17.73'
L = 35.40'
E = 0.57'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 15+03.17
P.T. STA. = 15+38.58

PROP. CURVE STERLOOP_PR_9
PI STA. = 17+11.46
Δ = 211° 11' 35" (LT)
D = 179° 02' 58"
R = 32.00'
T = 114.64'
L = 117.95'
E = 151.02'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 15+96.82
P.T. STA. = 17+14.77

STERLING AVENUE

PROP. CURVE STERLING_PR_3
PI STA. = 40+36.87
Δ = 11° 54' 45" (RT)
D = 25° 27' 53"
R = 225.00'
T = 23.47'
L = 46.78'
E = 1.22'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 40+13.40
P.T. STA. = 40+60.18

PROP. CURVE STERLING_PR_6
PI STA. = 41+09.49
Δ = 12° 35' 18" (LT)
D = 28° 38' 52"
R = 200.00'
T = 22.06'
L = 43.94'
E = 1.21'
e = N/A
T.R. = N/A
S.E. RUN = ____
P.C. STA. = 40+87.43
P.T. STA. = 41+31.37

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - JDM	REVISED -
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ATB_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	18
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

<* 1 Describe Chain CENTRAL_PR

Chain CENTRAL_PR contains:
167 168 169

Beginning chain CENTRAL_PR description
Feature: Geom_Pr_Centerline
==========

Point 167 N 1,776,953.8512 E 1,162,977.3170 Sta 60+00.00

Course from 167 to 168 N 89° 04' 57.65" E Dist 124.7958

Point 168 N 1,776,955.8491 E 1,163,102.0968 Sta 61+24.80

Course from 168 to 169 N 89° 04' 57.65" E Dist 283.2800

Point 169 N 1,776,960.3843 E 1,163,385.3405 Sta 64+08.08

==========
Ending chain CENTRAL_PR description

<* 2 Describe Chain FLOSSMOOR_PR

Chain FLOSSMOOR_PR contains:
170 171

Beginning chain FLOSSMOOR_PR description
Feature: Geom_Pr_Centerline
==========

Point 170 N 1,776,592.3528 E 1,162,957.7029 Sta 50+00.00

Course from 170 to 171 N 89° 05' 35.39" E Dist 700.0000

Point 171 N 1,776,603.4314 E 1,163,657.6152 Sta 57+00.00

==========
Ending chain FLOSSMOOR_PR description

<* 3 Describe Chain PARK_PR

Chain PARK_PR contains:
CUR PARK_PR_1 CUR PARK_PR_4 CUR PARK_PR_5 263

Beginning chain PARK_PR description
Feature: Geom_Pr_Centerline
==========

Curve Data

Curve PARK_PR_1
P.I. Station 29+51.68 N 1,776,841.8834 E 1,163,403.8759
Delta = 29° 52' 48.62" (LT)
Degree = 25° 27' 53.25"
Tangent = 60.0365
Length = 117.3392
Radius = 225.0000
External = 7.8720
Long Chord = 116.0140
Mid. Ord. = 7.6059
P.C. Station 28+91.64 N 1,776,785.8314 E 1,163,382.3690
P.T. Station 30+08.98 N 1,776,901.1989 E 1,163,394.5995
C.C. N 1,776,866.4333 E 1,163,172.3016
Back = N 20° 59' 29.75" E
Ahead = N 8° 53' 18.88" W
Chord Bear = N 6° 03' 05.44" E

Course from PT PARK_PR_1 to PC PARK_PR_4 N 8° 53' 18.88" W Dist 58.7702

Curve Data

Curve PARK_PR_4
P.I. Station 31+24.19 N 1,777,015.0233 E 1,163,376.7983
Delta = 28° 09' 44.98" (LT)
Degree = 25° 27' 53.25"
Tangent = 56.4378
Length = 110.5939
Radius = 225.0000
External = 6.9703
Long Chord = 109.4839
Mid. Ord. = 6.7609
P.C. Station 30+67.75 N 1,776,959.2633 E 1,163,385.5187
P.T. Station 31+78.35 N 1,777,060.0663 E 1,163,342.7930
C.C. N 1,776,924.4978 E 1,163,163.2208
Back = N 8° 53' 18.88" W
Ahead = N 37° 03' 03.85" W
Chord Bear = N 22° 58' 11.36" W

Curve Data

Curve PARK_PR_5
P.I. Station 31+94.94 N 1,777,073.3090 E 1,163,332.7954
Delta = 9° 28' 26.28" (RT)
Degree = 28° 36' 48.69"
Tangent = 16.5929
Length = 33.1101
Radius = 200.2402
External = 0.6863
Long Chord = 33.0724
Mid. Ord. = 0.6840
P.C. Station 31+78.35 N 1,777,060.0663 E 1,163,342.7930
P.T. Station 32+11.46 N 1,777,088.0167 E 1,163,325.1138
C.C. N 1,777,180.7163 E 1,163,502.6045
Back = N 37° 03' 03.85" W
Ahead = N 27° 34' 37.58" W
Chord Bear = N 32° 18' 50.71" W

Course from PT PARK_PR_5 to 263 N 27° 34' 37.58" W Dist 117.2702

Point 263 N 1,777,191.9637 E 1,163,270.8245 Sta 33+28.73

==========
Ending chain PARK_PR description

<* 4 Describe Chain STERLING_PR

Chain STERLING_PR contains:
256 CUR STERLING_PR_3 CUR STERLING_PR_6 257

Beginning chain STERLING_PR description
Feature: Geom_Pr_Centerline
==========

Point 256 N 1,776,970.6149 E 1,163,443.8384 Sta 40+00.00

Course from 256 to PC STERLING_PR_3 N 22° 18' 21.12" E Dist 13.3979

Curve Data

Curve STERLING_PR_3
P.I. Station 40+36.87 N 1,777,004.7283 E 1,163,457.8334
Delta = 11° 54' 44.86" (RT)
Degree = 25° 27' 53.25"
Tangent = 23.4747
Length = 46.7801
Radius = 225.0000
External = 1.2213
Long Chord = 46.6959
Mid. Ord. = 1.2147
P.C. Station 40+13.40 N 1,776,983.0102 E 1,163,448.9235
P.T. Station 40+60.18 N 1,777,024.1396 E 1,163,471.0343
C.C. N 1,776,897.6113 E 1,163,657.0870
Back = N 22° 18' 21.12" E
Ahead = N 34° 13' 05.98" E
Chord Bear = N 28° 15' 43.55" E

Course from PT STERLING_PR_3 to PC STERLING_PR_6 N 34° 13' 05.98" E Dist 27.2537

Curve Data

Curve STERLING_PR_6
P.I. Station 41+09.49 N 1,777,064.9169 E 1,163,498.7656
Delta = 12° 35' 18.17" (LT)
Degree = 28° 38' 52.40"
Tangent = 22.0597
Length = 43.9417
Radius = 200.0000
External = 1.2129
Long Chord = 43.8534
Mid. Ord. = 1.2056
P.C. Station 40+87.43 N 1,777,046.6757 E 1,163,486.3604
P.T. Station 41+31.37 N 1,777,085.4232 E 1,163,506.8970
C.C. N 1,777,159.1453 E 1,163,320.9802
Back = N 34° 13' 05.98" E
Ahead = N 21° 37' 47.80" E
Chord Bear = N 27° 55' 26.89" E

Course from PT STERLING_PR_6 to 257 N 21° 37' 47.80" E Dist 39.4324

Point 257 N 1,777,122.0789 E 1,163,521.4322 Sta 41+70.81

==========
Ending chain STERLING_PR description

<* 5 Describe Chain STERLOOP_PR

Chain STERLOOP_PR contains:
254 CUR STERLOOP_PR_3 CUR STERLOOP_PR_6 CUR STERLOOP_PR_9 255

Beginning chain STERLOOP_PR description
Feature: Geom_Pr_Centerline
==========

Point 254 N 1,776,496.9012 E 1,163,271.6795 Sta 10+92.36

Course from 254 to PC STERLOOP_PR_3 N 20° 57' 44.68" E Dist 314.9765

Curve Data

Curve STERLOOP_PR_3
P.I. Station 14+21.93 N 1,776,804.6478 E 1,163,389.5888
Delta = 6° 06' 57.97" (LT)
Degree = 20° 59' 14.87"
Tangent = 14.5847
Length = 29.1417
Radius = 273.0000
External = 0.3893
Long Chord = 29.1279
Mid. Ord. = 0.3888
P.C. Station 14+07.34 N 1,776,791.0311 E 1,163,384.3641
P.T. Station 14+36.48 N 1,776,818.7437 E 1,163,393.3330
C.C. N 1,776,888.8282 E 1,163,129.4823
Back = N 20° 59' 29.75" E
Ahead = N 14° 52' 31.78" E
Chord Bear = N 17° 56' 00.76" E

Course from PT STERLOOP_PR_3 to PC STERLOOP_PR_6 N 14° 52' 31.78" E Dist 66.6886

Curve Data

Curve STERLOOP_PR_6
P.I. Station 15+20.90 N 1,776,900.3300 E 1,163,415.0040
Delta = 7° 25' 49.34" (RT)
Degree = 20° 59' 14.87"
Tangent = 17.7268
Length = 35.4039
Radius = 273.0000
External = 0.5749
Long Chord = 35.3791
Mid. Ord. = 0.5737
P.C. Station 15+03.17 N 1,776,883.1973 E 1,163,410.4532
P.T. Station 15+38.58 N 1,776,916.7303 E 1,163,421.7322
C.C. N 1,776,813.1129 E 1,163,674.3039
Back = N 14° 52' 31.78" E
Ahead = N 22° 18' 21.12" E
Chord Bear = N 18° 35' 26.45" E

Course from PT STERLOOP_PR_6 to PC STERLOOP_PR_9 N 22° 18' 21.12" E Dist 58.2436

Curve Data

Curve STERLOOP_PR_9
P.I. Station 17+11.46 N 1,776,864.5547 E 1,163,400.3303
Delta = 211° 11' 34.88" (LT)
Degree = 179° 02' 57.52"
Tangent = 114.6381
Length = 117.9524
Radius = 32.0000
External = 151.0205
Long Chord = 61.6435
Mid. Ord. = 40.6036
P.C. Station 15+96.82 N 1,776,970.6156 E 1,163,443.8387
P.T. Station 17+14.77 N 1,776,977.8161 E 1,163,382.6172
C.C. N 1,776,982.7605 E 1,163,414.2329
Back = N 22° 18' 16.01" E
Ahead = S 8° 53' 18.88" E
Chord Bear = N 83° 17' 31.43" W

Course from PT STERLOOP_PR_9 to 255 S 8° 53' 18.88" E Dist 17.6436

Point 255 N 1,776,960.3844 E 1,163,385.3434 Sta 17+32.41

==========
Ending chain STERLOOP_PR description

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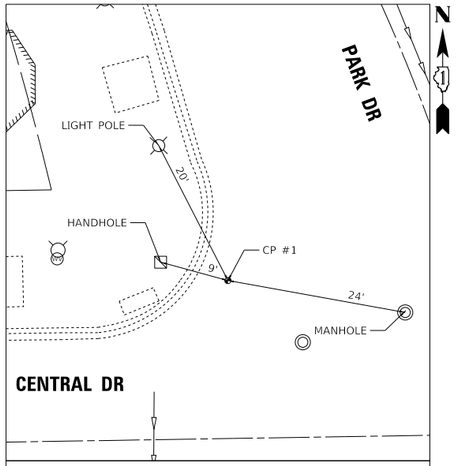
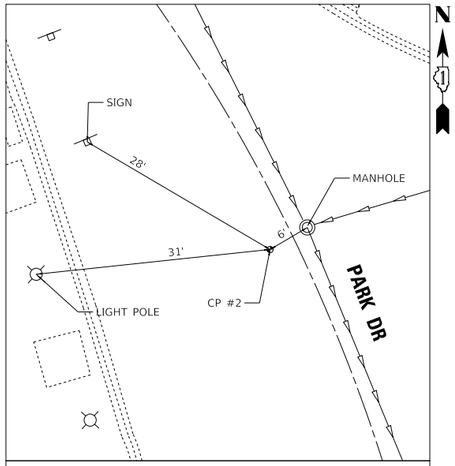


CP #1 IS PK NAIL ON NORTHWEST SIDE OF CENTRAL DR.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

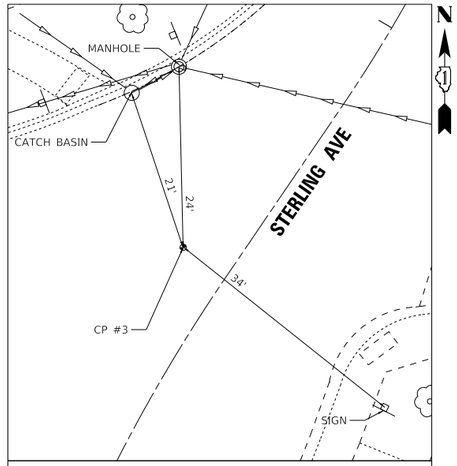
N = 1776980.6441 E = 1163348.0471 ELEV. = 672.52



CP #2 IS CHISELED X ON SIDEWALK ON NORTHWEST SIDE OF ROUNDABOUT.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

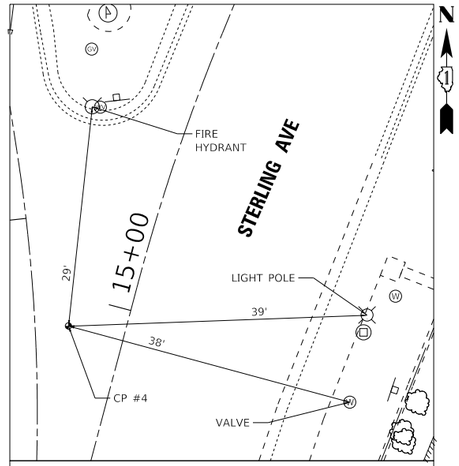
N = 1777020.9656 E = 1163362.6732 ELEV. = 673.40



CP #3 IS CHISELED X ON SIDEWALK ON WESTERN SIDE OF FLOSSMOOR.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

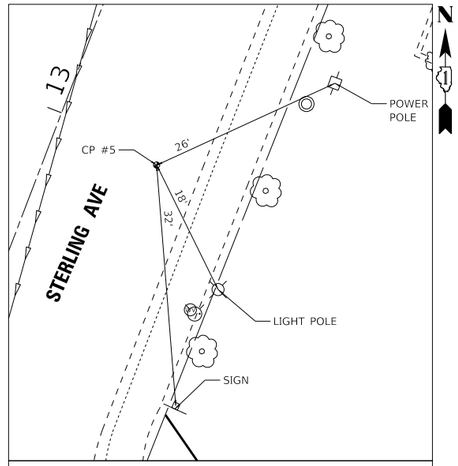
N = 1777028.3281 E = 1163465.5733 ELEV. = 673.94



CP #4 IS A PK WASHER ON SOUTH SIDE OF MEDIAN OR ROUNDABOUT.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

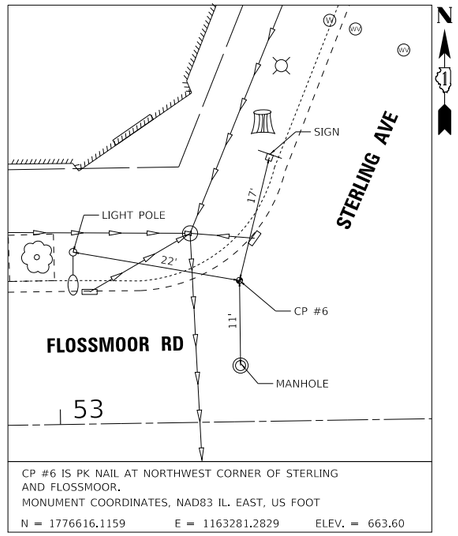
N = 1776878.0946 E = 1163401.4090 ELEV. = 672.29



CP #5 IS PK NAIL 16' NORTHWEST OF FIREHYDRANT AT NORTHEAST CORNER OF STERLING AND FLOSSMOOR.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

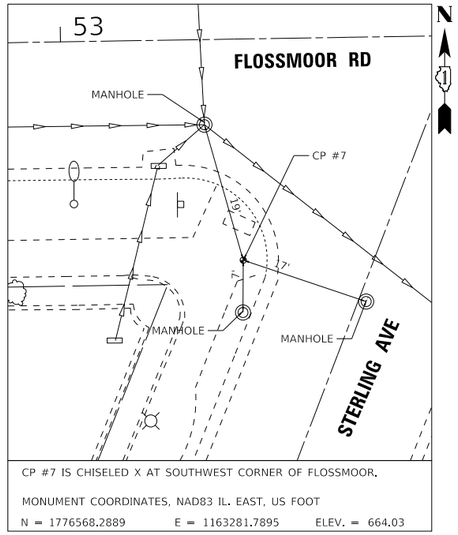
N = 1776683.9034 E = 1163358.5046 ELEV. = 665.05



CP #6 IS PK NAIL AT NORTHWEST CORNER OF STERLING AND FLOSSMOOR.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

N = 1776616.1159 E = 1163281.2829 ELEV. = 663.60



CP #7 IS CHISELED X AT SOUTHWEST CORNER OF FLOSSMOOR.

MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT

N = 1776568.2889 E = 1163281.7895 ELEV. = 664.03

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JDM	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ATB_02.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

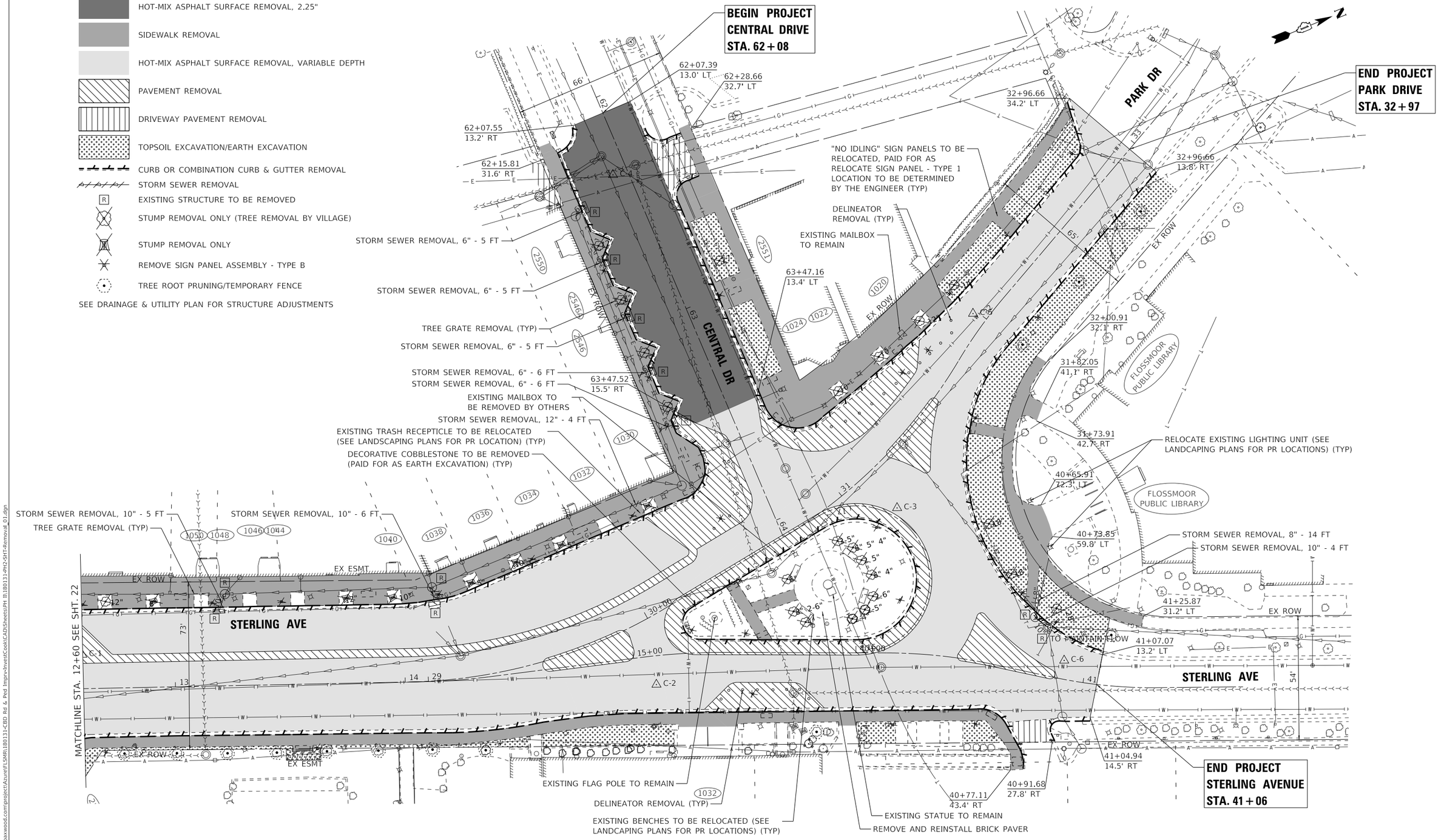
SCALE: N.T.S. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	20
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TOPSOIL EXCAVATION/EARTH EXCAVATION
- CURB OR COMBINATION CURB & GUTTER REMOVAL
- STORM SEWER REMOVAL
- [R] EXISTING STRUCTURE TO BE REMOVED
- STUMP REMOVAL ONLY (TREE REMOVAL BY VILLAGE)
- STUMP REMOVAL ONLY
- REMOVE SIGN PANEL ASSEMBLY - TYPE B
- TREE ROOT PRUNING/TEMPORARY FENCE

SEE DRAINAGE & UTILITY PLAN FOR STRUCTURE ADJUSTMENTS



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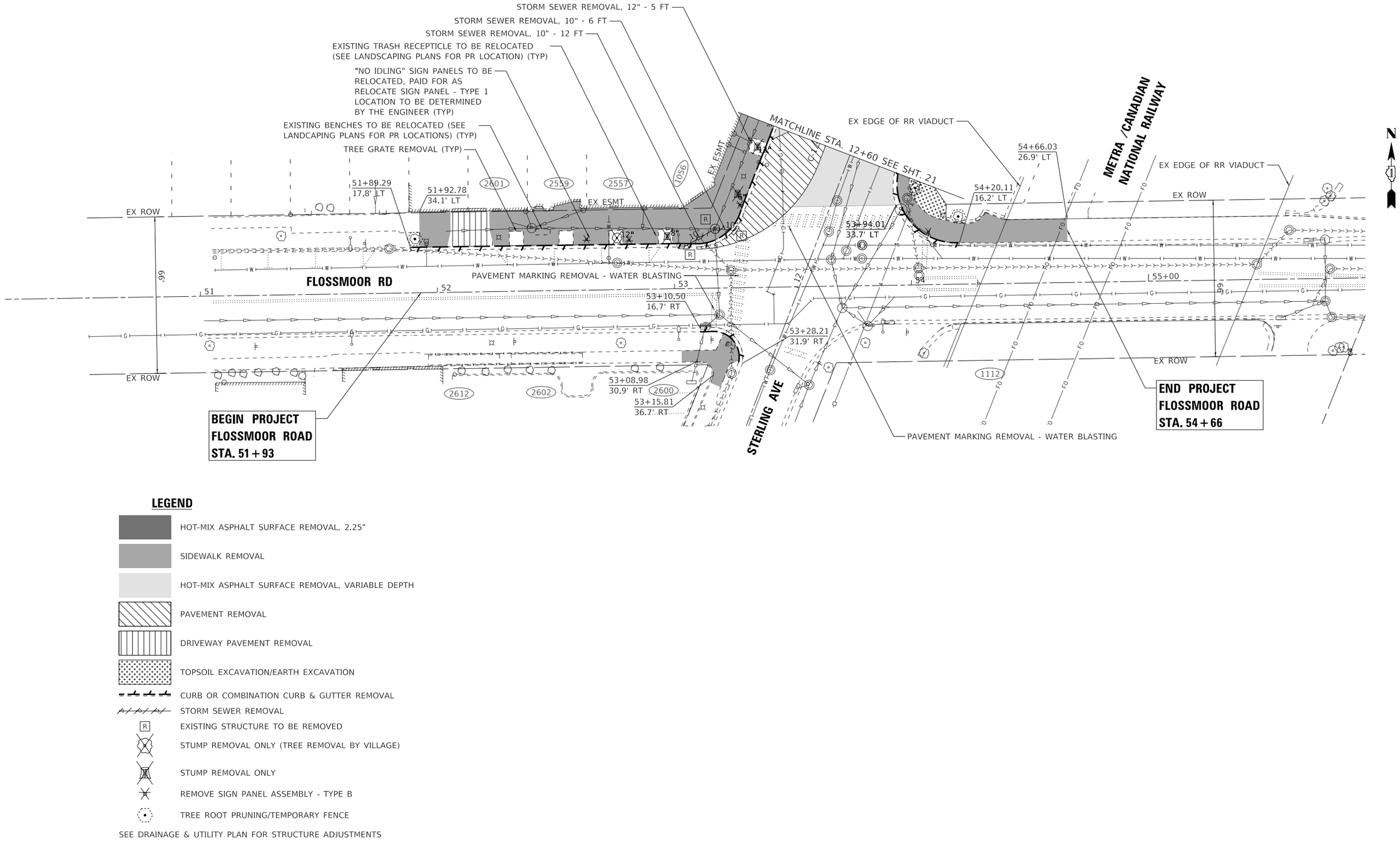
BAXTER & WOODMAN Consulting Engineers	USER NAME = rvargas	DESIGNED - GJF	REVISED -
		DRAWN - MJO	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JDM	REVISED -
	PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-Removal_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	21
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TOPSOIL EXCAVATION/EARTH EXCAVATION
- CURB OR COMBINATION CURB & GUTTER REMOVAL
- STORM SEWER REMOVAL
- EXISTING STRUCTURE TO BE REMOVED
- STUMP REMOVAL ONLY (TREE REMOVAL BY VILLAGE)
- STUMP REMOVAL ONLY
- REMOVE SIGN PANEL ASSEMBLY - TYPE B
- TREE ROOT PRUNING/TEMPORARY FENCE

SEE DRAINAGE & UTILITY PLAN FOR STRUCTURE ADJUSTMENTS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers	USER NAME = rvargas	DESIGNED - GJF	REVISED -
		DRAWN - MJO	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JDM	REVISED -
	PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-Removal_02.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	22
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

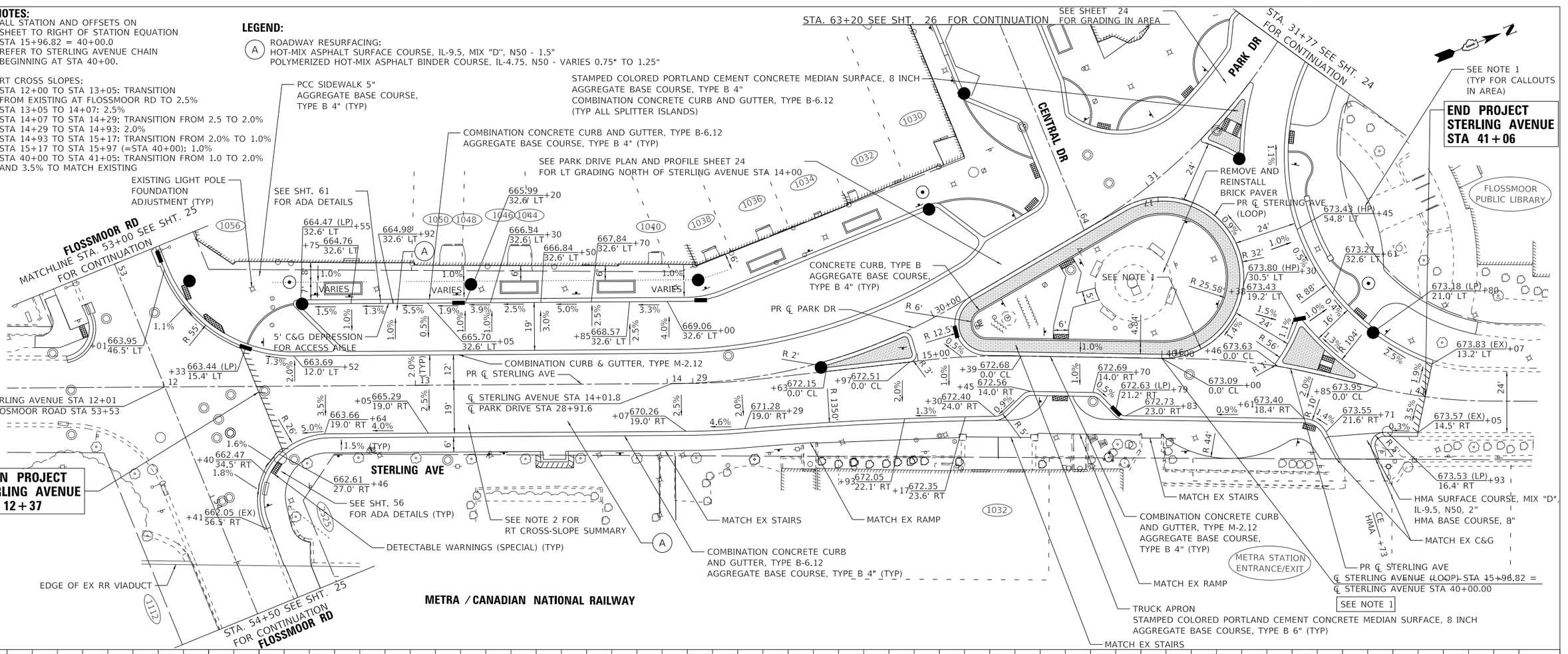
NOTES:

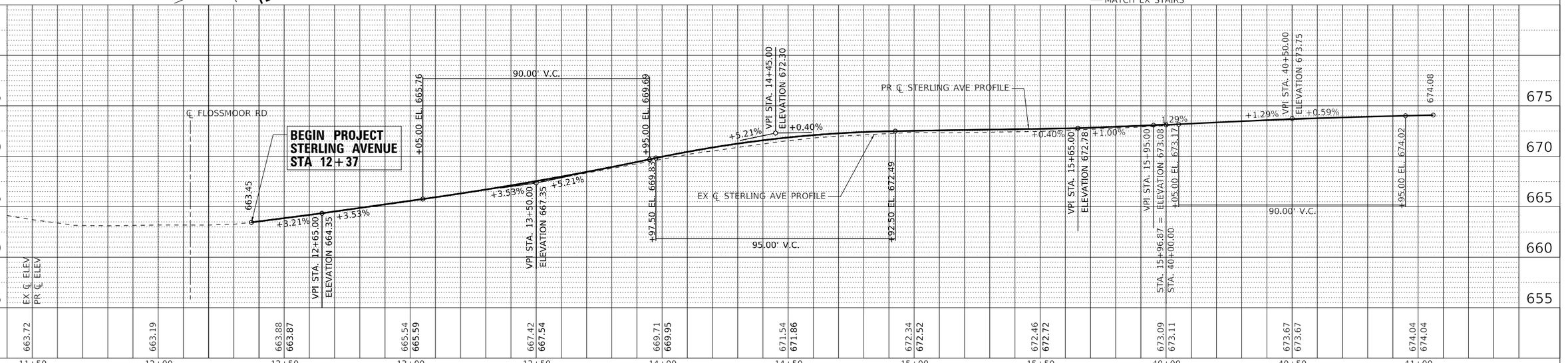
1. ALL STATION AND OFFSETS ON SHEET TO RIGHT OF STATION EQUATION STA 15+96.82 = 40+00.0 REFER TO STERLING AVENUE CHAIN BEGINNING AT STA 40+00.

2. RT CROSS SLOPES:
STA 12+00 TO STA 13+05: TRANSITION FROM EXISTING AT FLOSSMOOR RD TO 2.5%
STA 13+05 TO 14+07: 2.5%
STA 14+07 TO STA 14+29: TRANSITION FROM 2.5 TO 2.0%
STA 14+29 TO STA 14+93: 2.0%
STA 14+93 TO STA 15+17: TRANSITION FROM 2.0% TO 1.0%
STA 15+17 TO STA 15+97 (=STA 40+00): 1.0%
STA 40+00 TO STA 41+05: TRANSITION FROM 1.0 TO 2.0% AND 3.5% TO MATCH EXISTING

LEGEND:

(A) ROADWAY RESURFACING:
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 0.75" TO 1.25"





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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JDM	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-PlanProfile_Sterling.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STERLING AVENUE

SCALE: H:1"=20'-0";V:1"=5' | SHEET 1 OF 4 SHEETS | STA. 11+50 TO STA. 15+97, STA. 40+00 TO STA. 41+30

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	23
	CONTRACT NO. 61L25			
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

LEGEND:

(A) ROADWAY RESURFACING:
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - VARIES 0.75" TO 1.25"

℄ STERLING DRIVE STA 14+01.8
℄ PARK DRIVE STA 28+91.6
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
AGGREGATE BASE COURSE, TYPE B 4" (TYP)

PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE TYPE B 4" (TYP)

SEE SHT. 23 STA. 13+75 FOR CONTINUATION

STERLING AVE

SEE SHT. 26 FOR CONTINUATION

CENTRAL DR STA. 63+20

COMBINATION CURB & GUTTER, TYPE M-2.12 AGGREGATE BASE COURSE, TYPE B 4" (TYP)

SEE PLAN AND 23 PROFILE SHEET FOR STERLING AVENUE GRADING

METRA / CANADIAN NATIONAL RAILWAY

STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE, 8 INCH AGGREGATE BASE COURSE, TYPE B 6" COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (TYP ALL SPLITTER ISLANDS)

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 AGGREGATE BASE COURSE, TYPE B 4" (TYP)

TRUCK APRON
STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE, 8 INCH AGGREGATE BASE COURSE, TYPE B 6" (TYP)

MAILBOX TO BE RELOCATED (BY OTHERS)

SEE SHT. 57 FOR ADA DETAILS

SEE SHT. 23 FOR CONTINUATION

℄ CENTRAL DRIVE STA 64+08
℄ PARK DRIVE STA 30+69

CONCRETE CURB, TYPE B AGGREGATE BASE COURSE, TYPE B 4" (TYP)

SEE SHT. 60 FOR ADA DETAILS

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AGGREGATE BASE COURSE, TYPE B 4" (TYP)

DETECTABLE WARNINGS (SPECIAL) (TYP)

ALLEY

EX ROW

HMA SURFACE REMOVAL - BUTT JOINT

PR ℄ PARK DR

PARK DR

END PROJECT PARK DRIVE STA 32+97

TAPER C&G 10' TO MATCH EX

SEE SHT. 58 FOR ADA DETAILS

SEE PLAN AND PROFILE SHEET 23 FOR STERLING AVENUE GRADING

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AGGREGATE BASE COURSE, TYPE B 4" (TYP)

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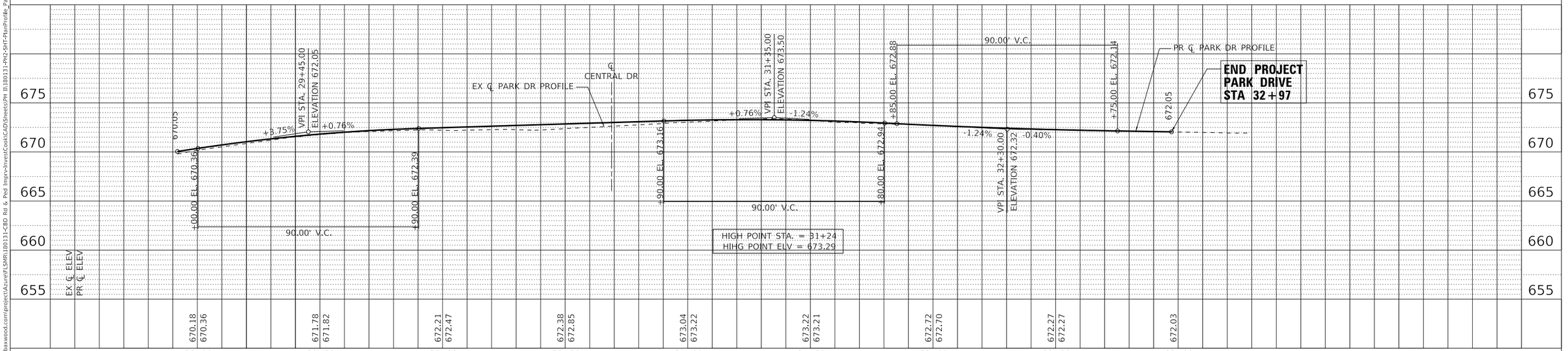

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DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
PARK DRIVE

SCALE: H:1"=20':V:1"=5' | SHEET 2 OF 4 SHEETS | STA. 28+92 | TO STA. 32+97

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	24
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

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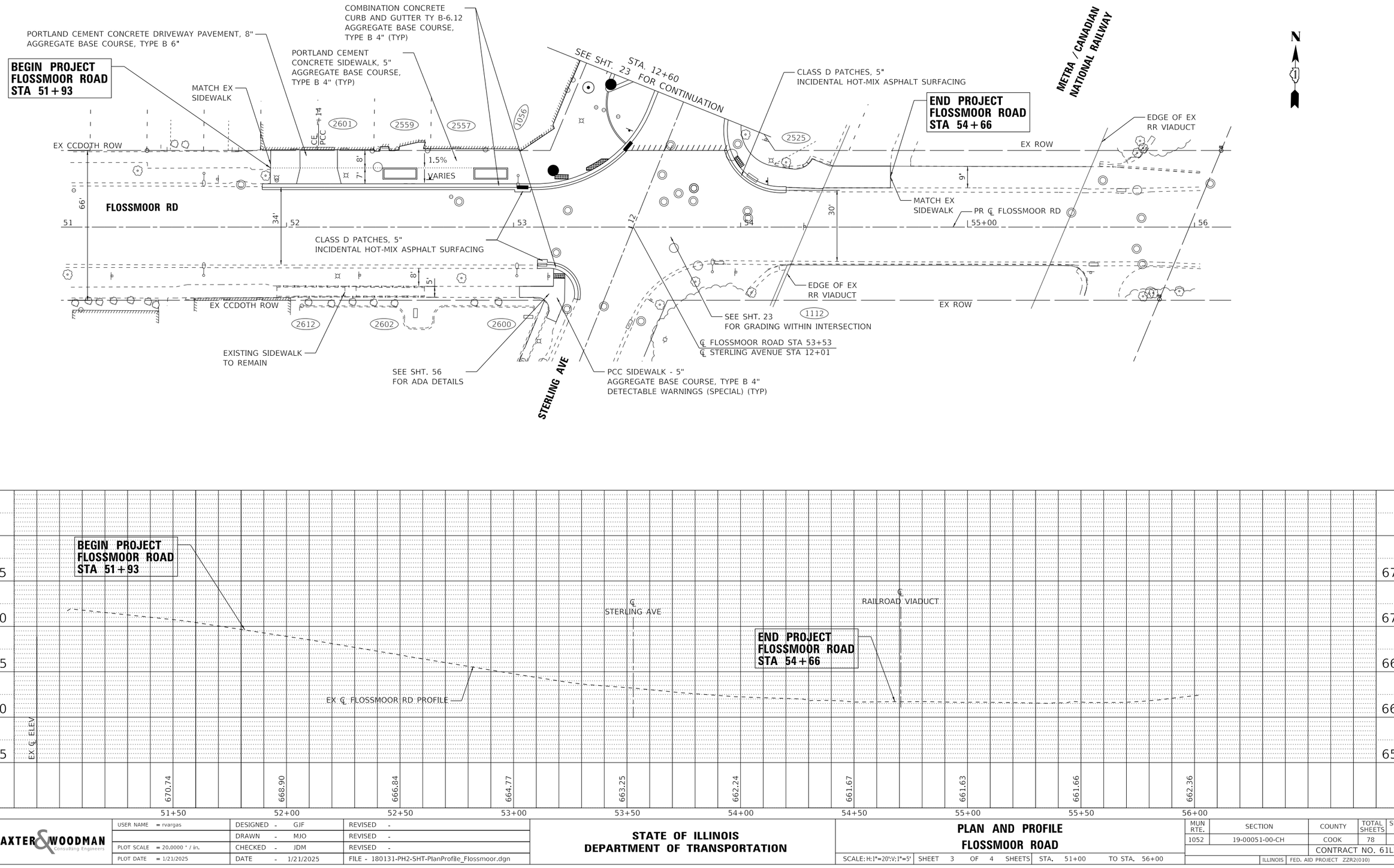

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
FLOSSMOOR ROAD

SCALE: H:1"=20':V:1"=5' | SHEET 3 OF 4 SHEETS | STA. 51+00 | TO STA. 56+00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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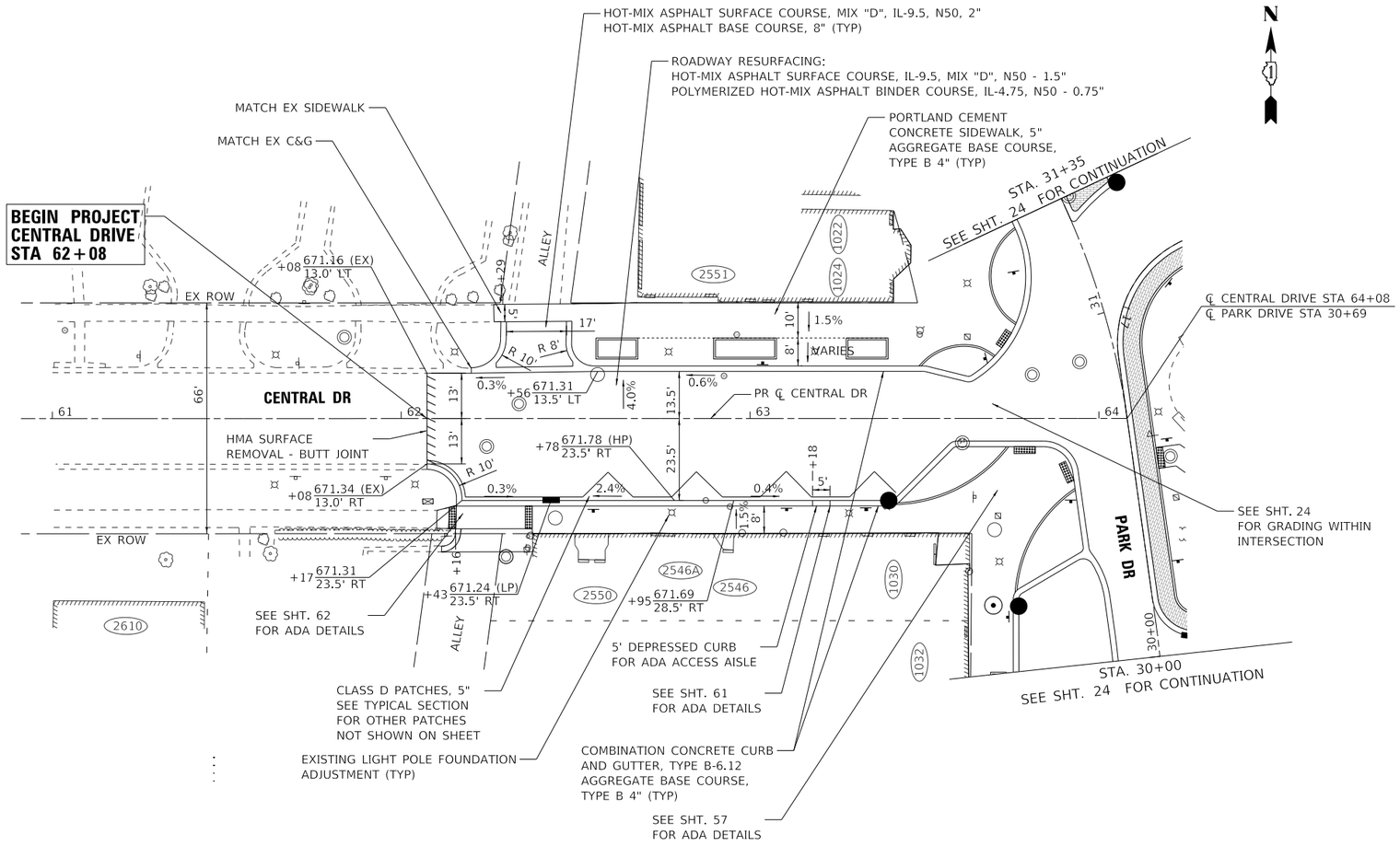
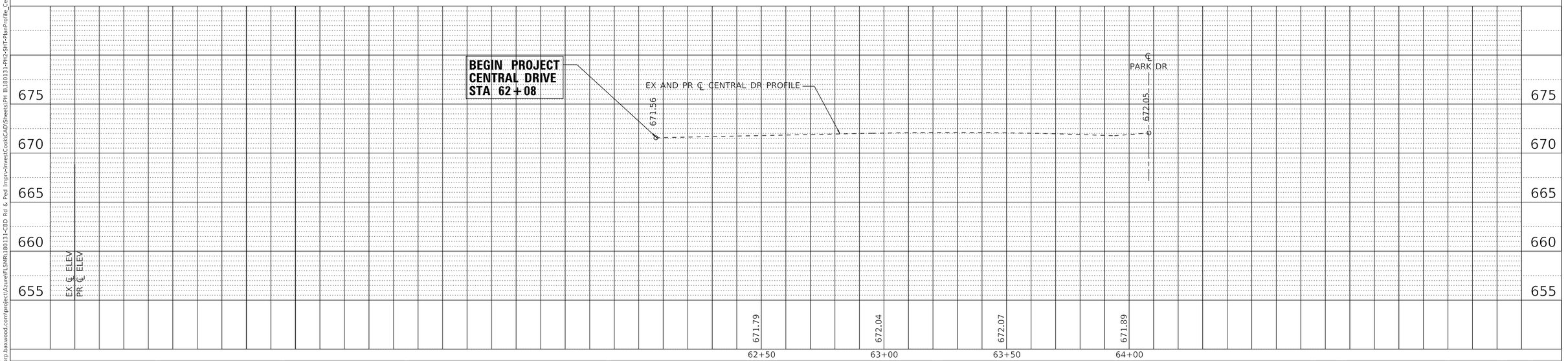
	ILLINOIS	FED. AID PROJECT ZZR2(010)		





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DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CENTRAL DRIVE

SCALE: H:1"=20'; V:1"=5' | SHEET 4 OF 4 SHEETS | STA. 61+00 TO STA. 64+08

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	26
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

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MAINTENANCE OF TRAFFIC NOTES

1. EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED AT ALL TIMES. ANY CHANGE IN TRAFFIC CONTROL SHALL HAVE PRIOR APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE (3) DAYS NOTICE IN ADVANCE OF CONSTRUCTION ACTIVITIES.

2. TRAFFIC SHALL BE MAINTAINED ACCORDING TO THE APPLICABLE IDOT HIGHWAY STANDARDS AND ALL LANES ON ALL STREETS SHALL BE OPEN TO 2 WAY TRAFFIC AT THE END OF EACH DAY, MAINTAINING THE EXISTING LANE AND ROADWAY WIDTHS.

3. WORK ZONE LIMITS AND PEDESTRIAN LOCATIONS FOR EACH DAY SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER PRIOR TO IMPLEMENTATION. ADDITIONAL TRAFFIC CONTROL DEVICES OR RECONFIGURATION OF DEVICES NECESSARY TO MAINTAIN LOCAL TRAFFIC SHALL BE IMPLEMENTED AS DETERMINED BY THE ENGINEER.

4. DAILY LANE CLOSURES SHALL BE APPROVED BY THE ENGINEER AND SHALL BE LIMITED TO ONE SIDE OF THE STREET AND ONE BLOCK AT A TIME.

5. AGGREGATE SURFACE WILL NOT BE ALLOWED FOR MAINTAINING MAINLINE TRAFFIC. TEMPORARY PAVEMENT OPERATIONS SHOULD BE STAGED SO THAT PATCHING CAN BE COMPLETED ON THE SAME DAY AS PAVEMENT REMOVAL.

6. PARKING RESTRICTIONS AND/OR PARKING CLOSURES SHALL BE RESTRICTED TO ONE SIDE OF THE STREET AT A TIME. ALL PARKING CLOSURES SHALL BE COORDINATED WITH THE ENGINEER A MINIMUM OF THREE (3) DAYS IN ADVANCE.

7. CONSTRUCTION VEHICLES AND/OR EQUIPMENT SHALL NOT BE PARKED OVERNIGHT WITHIN VILLAGE RIGHT-OF-WAY IN FRONT OF COMMERCIAL BUSINESS PROPERTIES. THE ENGINEER WILL ASSIST THE CONTRACTOR IN IDENTIFYING CONSTRUCTION STAGING LOCATIONS AT THE START OF CONSTRUCTION.

8. ALL TYPE I OR II BARRICADES, DRUMS, AND VERTICAL PANELS SHALL BE EQUIPPED WITH STEADY BURN MONO-DIRECTIONAL LIGHTS. SPACING SHALL BE AT 50 FOOT INTERVALS ALONG WORK AREAS AND 25 FEET WHERE DIRECTION CHANGES AND TAPERS OCCUR, OR AS DETERMINED BY THE ENGINEER.

9. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO DRIVEWAYS DURING CONSTRUCTION. THIS WORK SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION FOR AGGREGATE FOR TEMPORARY ACCESS.

10. ALL HOLES SHALL BE FILLED OR STEEL PLATED AT THE END OF EACH DAY.

11. ALL COMMERCIAL PROPERTIES AND PARKING LOTS SHALL BE PROVIDED AT LEAST ONE INGRESS AND ONE EGRESS AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE DRIVEWAY CLOSURES/MODIFICATIONS WITH THE LOCAL BUSINESSES AND THE ENGINEER. COMMERCIAL DRIVEWAYS WHICH CANNOT BE CLOSED, AS DETERMINED BY THE ENGINEER, SHALL BE CONSTRUCTED IN STAGES OR WILL BE CONSTRUCTED WHEN BUSINESSES ARE NOT OPEN USING HIGH EARLY STRENGTH CONCRETE. IF NECESSARY, THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS BY USE OF FLAGGERS DURING CONSTRUCTION WORK HOURS AS DETERMINED BY THE ENGINEER.

12. RESIDENTS AND BUSINESSES SHALL HAVE ACCESS TO THEIR DRIVEWAYS AT THE END OF EACH DAY, EXCEPT DURING ADJACENT CURB AND GUTTER CONSTRUCTION OR CONCRETE DRIVEWAY REPLACEMENT.

13. TEMPORARY PAVEMENT SHALL BE USED AT UTILITY TRENCH AND PAVMENT REMOVAL AREAS TO MAINTAIN TRAFFIC DURING CONSTRUCITON.

PEDESTRIAN ACCESS NOTES

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 5-FOOT-WIDE PEDESTRIAN WALKWAY THROUGHOUT THE ENTIRE PROJECT LIMITS. (MINIMUM 7-FOOT-WIDE AT DOORWAY ENTRANCES). THE PEDESTRIAN WALKWAY SHALL BE ACCESSIBLE AT ALL TIMES. ANY UTILITY WORK THAT NEEDS TO TAKE PLACE IN THE PEDESTRIAN WALKWAY SHALL BE STAGED IN ORDER ACCOMMODATE PEDESTRIAN ACCESS.

2. THE PEDESTRIAN WALKWAY SHALL ALSO BE ACCESSIBLE AT ALL ROADWAY INTERSECTION ADA RAMPS AND ROADWAY CROSSWALKS AND PROVIDE ACCESS TO ALL BUSINESS ENTRANCES.

3. THE CONTRACTOR SHALL INSTALL A MINIMUM 5' WIDE MID-BLOCK PEDESTRIAN CUT-THROUGH IN THE WORK ZONE. PEDESTRIAN CUT-THROUGH SHALL INCLUDE TEMPORARY PAVEMENT MARKING TAPE AND TEMPORARY WOOD RAMPS. LOCATION OF CUT-THROUGH WILL BE RELOCATED AS NEEDED DEPENDING ON THE LOCATION OF CONSTRUCTION ACTIVITIES.

4. AN ADA ACCESSIBLE ENTRANCE TO ALL BUSINESSES SHALL BE MAINTAINED AT ALL TIMES DURING HOURS WHEN BUSINESS IS OPEN.

5. PCC SIDEWALK INSTALLATION SHALL BE DONE IN A MANNER TO MINIMIZE THE NUMBER OF CONCRETE POURS AND CONSTRUCTION JOINTS. THE USE OF HIGH EARLY STRENGTH CONCRETE SHALL BE USED FOR ALL CONCRETE INSTALLATIONS.

6. CONSTRUCTION AT BUSINESS DOORWAYS SHALL BE COORDINATED WITH BUSINESS OWNERS AND APPROVED BY THE VILLAGE. BUSINESSES SHALL BE NOTIFIED OF ANY DISRUPTION AND PLANNED WORK ADJACENT TO BUSINESS ENTRANCES AT LEAST 72 HOURS PRIOR TO WORK.

7. CONSTRUCTION ADJACENT TO BUSINESSES WITH ONLY ONE (1) PUBLIC DOORWAY SHALL HAVE BUSINESS ACCESS MAINTAINED BY THE FOLLOWING METHODS:

   TEMPORARY WOOD RAMPS MAY BE USED FOR PEDESTRIAN ACCESS TO BUSINESS ENTRANCES TO CROSS EXCAVATED CONSTRUCTION AREAS AND NEWLY POURED CONCRETE. USE OF TEMPORARY RAMPS SHALL BE COORDINATED AND APPROVED BY THE AFFECTED BUSINESS(ES) AND THE ENGINEER. TEMPORARY RAMPS SHALL BE INSTALLED AND REMOVED ON THE SAME WORKING DAY AT EACH LOCATION. TEMPORARY RAMPS WILL NOT BE ALLOWED TO BE INSTALLED DURING NON-WORK HOURS. TEMPORARY RAMPS SHALL MEET ALL ADA REQUIREMENTS

   WHERE TEMPORARY RAMPS CANNOT BE INSTALLED OR THE BUSINESS OWNER DOES NOT APPROVE OF USE OF TEMPORARY RAMPS, CONSTRUCTION ADJACENT TO BUSINESSES WITH ONE ENTRANCE SHALL BE PERFORMED DURING HOURS OF WORK IN WHICH THE AFFECTED BUSINESS IN CLOSED. HOURS IN WHICH CONSTRUCTION CAN OCCUR AT THESE LOCATIONS SHALL BE COORDINATED WITH THE VILLAGE/BUSINESS OWNER.

CONSTRUCTION STAGING NOTES

1. THE CONTRACTOR SHALL SUBMIT A PREPLANNED SEQUENCE OF WORK PRIOR TO THE START OF WORK FOR REVIEW AND APPROVAL. NO WORK SHALL COMMENCE UNTIL PREPLANNED SEQUENCE OF WORK HAS BEEN APPROVED BY VILLAGE. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO BUSINESS OWNERS AND CUSTOMERS WHILE MAINTAINING A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY.

2. THE ENGINEER SHALL BE NOTIFIED OF ANY CHANGES TO CONSTRUCTION STAGING. ALL CHANGES TO CONSTRUCTION STAGING MUST BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.

3. THE CONTRACTOR WILL BE REQUIRED TO ATTEND WEEKLY PROGRESS MEETINGS WITH THE VILLAGE AND ENGINEER TO PROVIDE THE ENGINEER AND VILLAGE WEEKLY UPDATES ON THE PROPOSED WORK SCHEDULE AND UPCOMING SEQUENCE OF CONSTRUCTION ACTIVITIES. THE WORK SCHEDULE AND SEQUENCE OF WORK WILL REQUIRE APPROVAL OF THE VILLAGE AND COORDINATION WITH IMPACTED PROPERTY OWNERS.

4. CONSTRUCTION ACTIVITIES SHALL BE STAGED IN A MANNER AS TO MINIMIZE THE LENGTH OF TIME OF DISTURBANCE FOR EACH BLOCK.

5. THE TOTAL DURATION OF THE PROJECT SHALL NOT EXCEED THE WORKING DAY LIMIT SPECIFIED IN THE SPECIAL PROVISIONS.

6. TO MINIMIZE DISRUPTION TO ADJACENT BUSINESSES, WORK SHALL BE STAGED SO THAT DURATION OF TIME BETWEEN REMOVAL OF PAVEMENT AND/OR SIDEWALK AND THE COMPLETION OF NEW PAVEMENT AND/OR SIDEWALK DOES NOT EXCEED 24 CONSECUTIVE CALENDAR DAYS FOR THE WORK AREA ALONG THE STORE FRONTS.

7. CONSTRUCTION ACTIVITIES, INCLUDING SIDEWALK REMOVAL, SHALL BE STAGED IN A MANNER AS TO MINIMIZE THE LENGTH OF TIME OF DISTURBANCE FOR EACH WORK ZONE. SIDEWALK REMOVAL SHALL NOT BE ALLOWED TO BEGIN IN A WORK ZONE UNTIL SUBSEQUENT CONSTRUCTION ACTIVITIES ARE READY TO BEGIN WITHIN THE SAME WORK ZONE AREA.

8. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A WAY AS TO PREVENT TRACKING OF DEBRIS, MUD AND SOIL ONTO ADJACENT STREETS. AT THE END OF EACH DAY, THE CONTRACTOR SHALL CLEAN UP ALL MUD OR SOIL, WHICH HAS BEEN TRACKED ONTO ADJACENT STREETS. SECTIONS OF STREETS SHALL BE CLEANED AND SWEPT BY THE CONTRACTOR WITHOUT DELAYS (WITHIN 24 HOURS) WHEN DETERMINED BY THE ENGINEER. THE SWEEPER USED SHALL BE A MECHANICAL SWEEPER WITH WATER. IF THE CONTRACTOR WILL NOT FULFILL CLEANING/SWEEPING REQUIREMENTS PROVIDED BY THE ENGINEER, THE VILLAGE RESERVES A RIGHT TO HIRE A SWEEPING COMPANY TO CLEAN/SWEEP THE STREETS AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE TO REIMBURSE THE VILLAGE FOR THE STREET SWEEPING EXPENSE COMPLETED BY THE VILLAGE.

9. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A WAY AS TO MINIMIZE DUST SPREADING ONTO ADJACENT PROPERTIES. DUST CONTROL SHALL BE PERFORMED DAILY AND/OR WHEN REQUESTED BY THE ENGINEER. WATER TRUCKS OR OTHER APPROVED DUST CONTROL METHODS SHALL BE USED FOR CONTROLLING DUST-GENERATING AREAS. THE COST ASSOCIATED WITH DUST CONTROL SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS ITEMS INVOLVED. FAILURE TO COMPLY WITH DUST CONTROL REQUIREMENTS WILL RESULT IN A CHARGE OF $500.00 PER OCCURRENCE, IN ADDITION, IF THE CONTRACTOR FAILS TO RESPOND, THE VILLAGE MAY CORRECT THE DEFICIENCIES AND ALL COST THEREOF WILL BE DEDUCTED FROM MONIES DUE OR WHICH MAY BECOME DUE TO THE CONTRACTOR. THIS CORRECTIVE ACTION WILL IN NO WAY RELIEVE THE CONTRACTOR OF HIS/HER CONTRACTUAL REQUIREMENTS OR RESPONSIBILITIES.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	27
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.

3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.

4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.

9. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.

10. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.

11. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).

12. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

13. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.

14. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.

15. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.

16. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER.

17. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATER MAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.

19. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.

20. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.

21. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.

22. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

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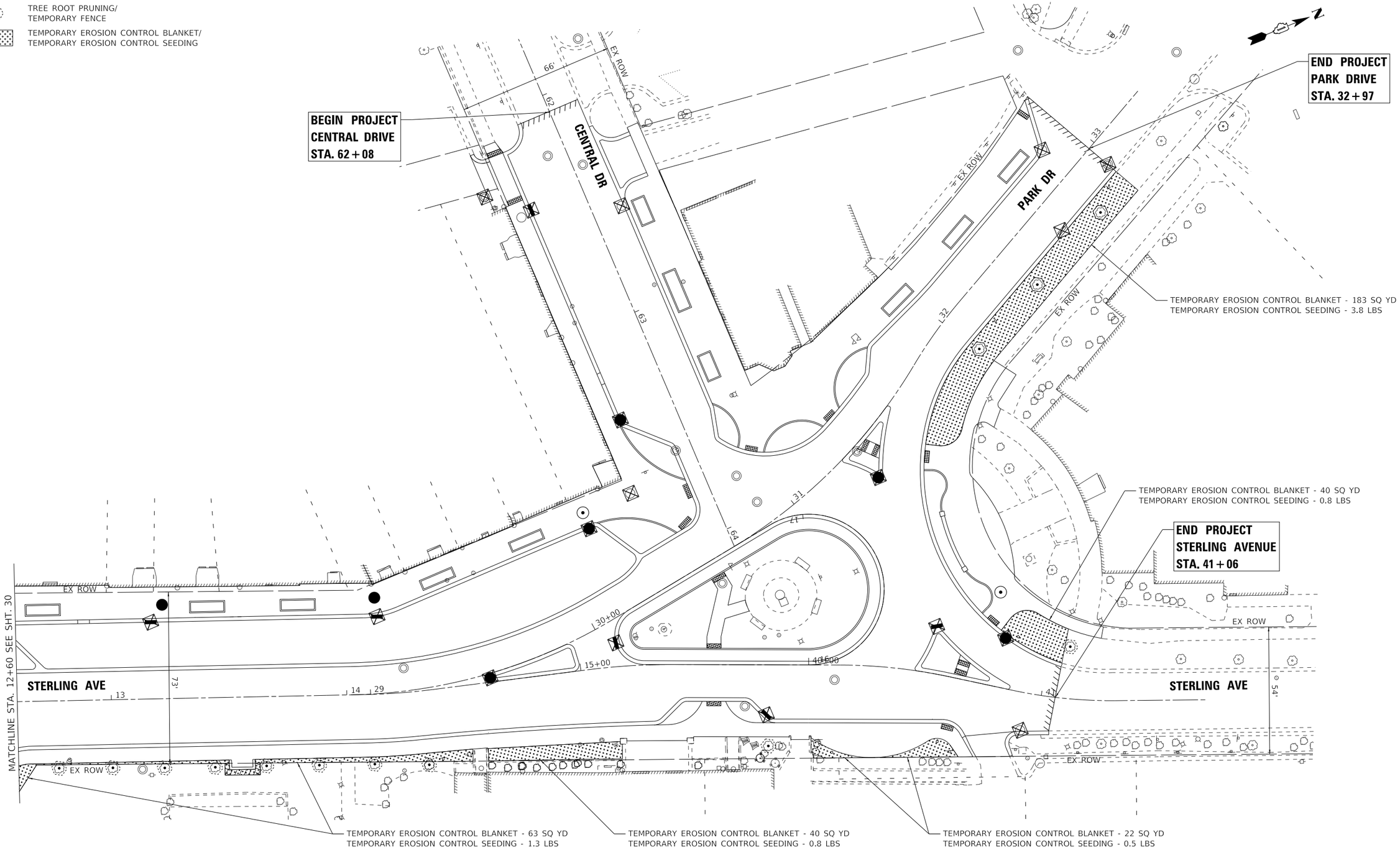
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	28
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

LEGEND

- INLET FILTER
- TREE ROOT PRUNING/ TEMPORARY FENCE
- TEMPORARY EROSION CONTROL BLANKET/ TEMPORARY EROSION CONTROL SEEDING



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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -
	DRAWN - MJO	REVISED -
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PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ErosionControl_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

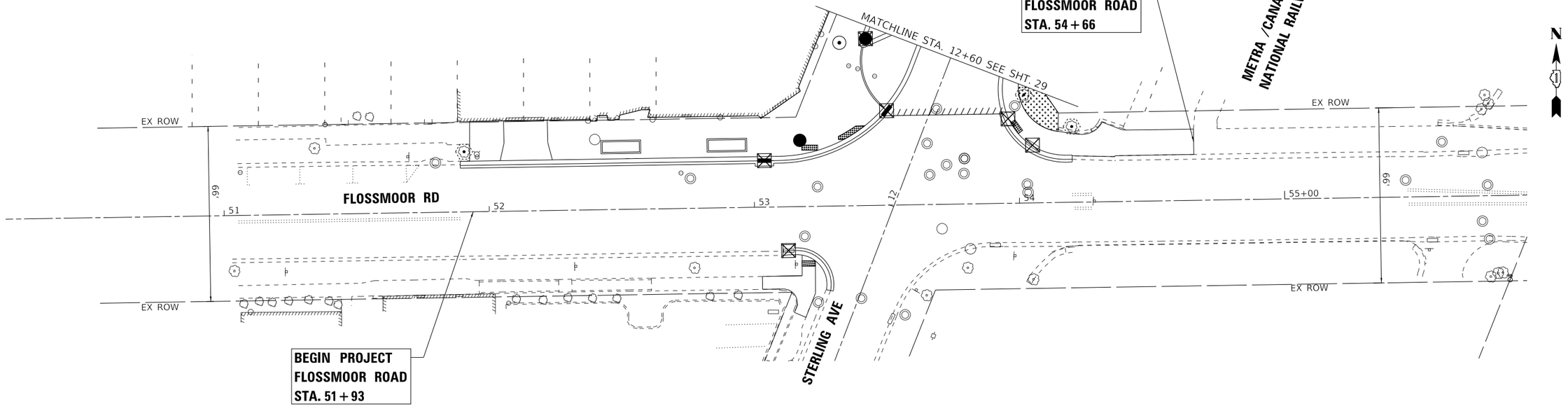
EROSION CONTROL PLAN

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	29
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	

LEGEND

- INLET FILTER
- TREE ROOT PRUNING/ TEMPORARY FENCE
- TEMPORARY EROSION CONTROL BLANKET/ TEMPORARY EROSION CONTROL SEEDING



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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - JDM	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ErosionControl_02.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	30
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

LEGEND

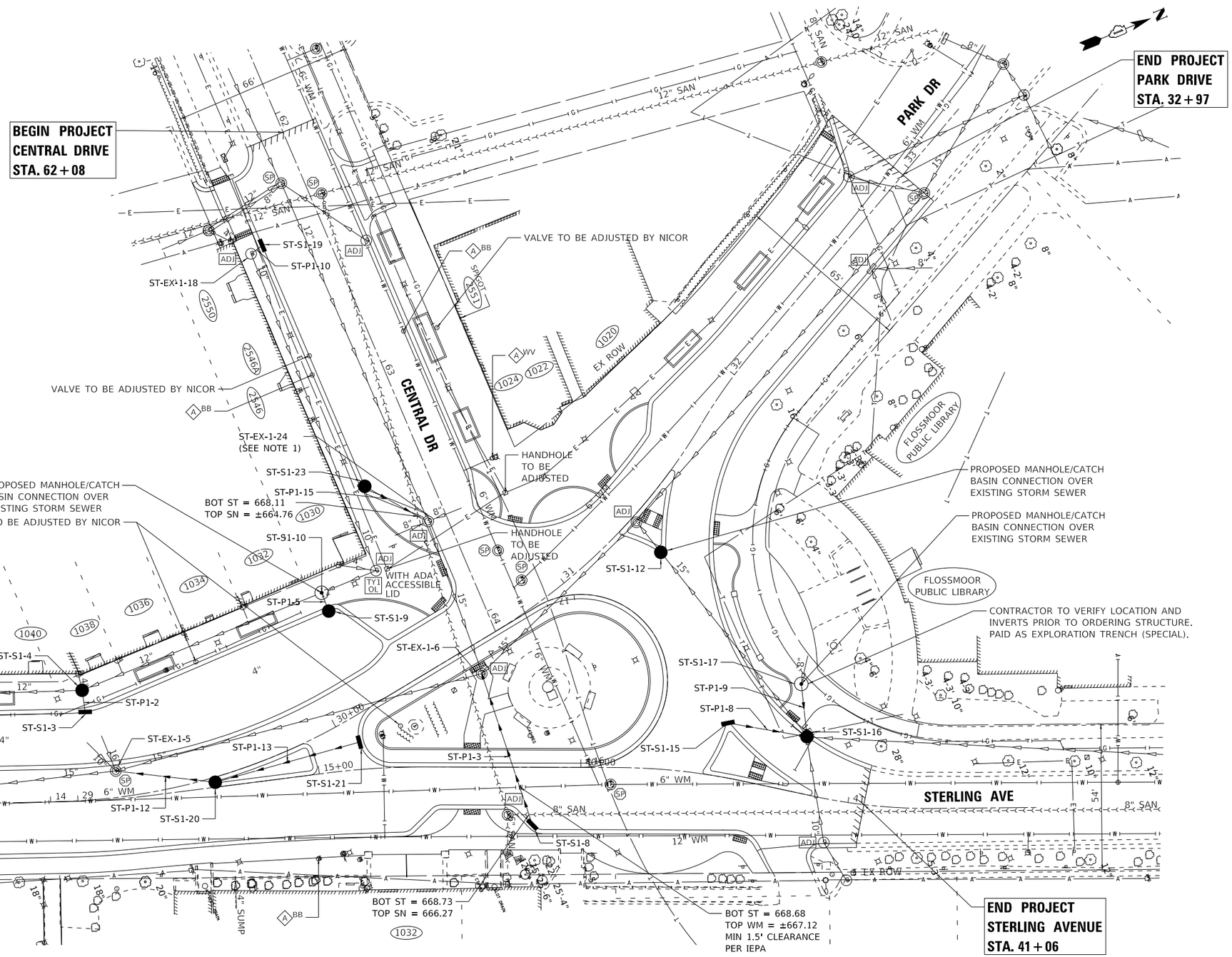
- ADJ — DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- SP — FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- TY1 OL — FRAMES AND LIDS, TYPE 1 OPEN LID
- TY11 — FRAMES AND GRATES, TYPE 11
- A WV — WATER VALVES TO BE ADJUSTED
- A BB — DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED

SEE REMOVAL SHEETS FOR STRUCTURE REMOVALS

SEE NEXT SHEET FOR PROPOSED PIPE AND STRUCTURE INFORMATION

NOTES:

1. CONTRACTOR TO VERIFY WHETHER EXISTING 8" NORTH & SOUTH ARE ACTIVE. IF NON-ACTIVE, BRICK AND MORTAR EXISTING INVERT(S). IF SOUTH PIPE IS ACTIVE, ADJUST PR INV TO ST-P1-15 TO MAINTAIN 12" BETWEEN STRUCTURE OPENINGS.



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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -	
	DRAWN - MJO	REVISED -	
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PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-DU_01.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN

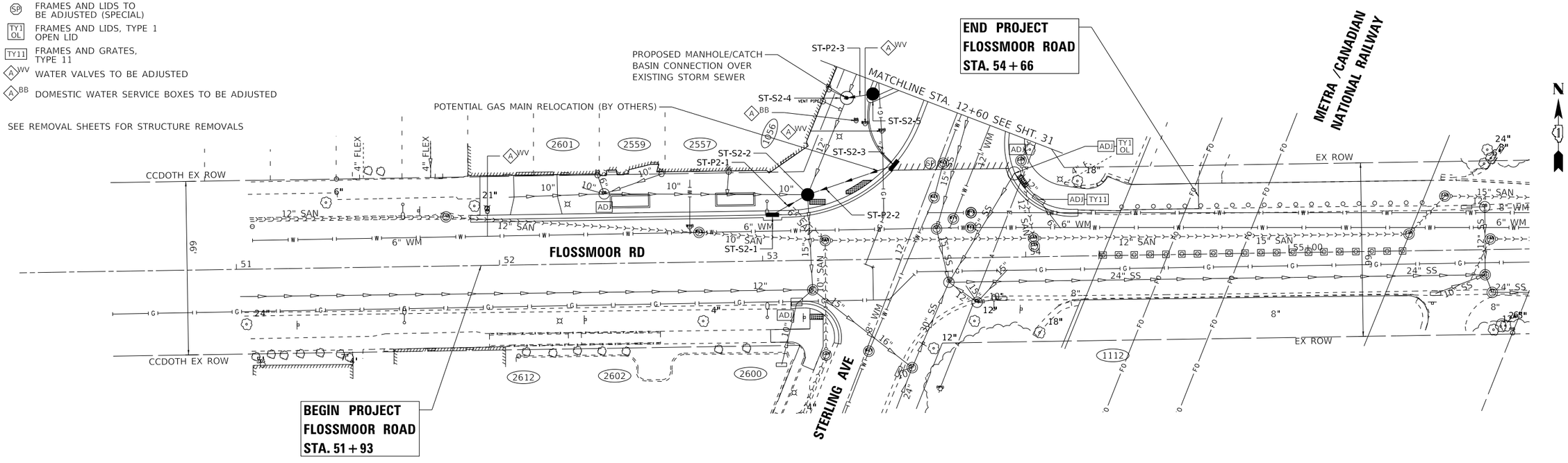
SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	31
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	

LEGEND

- ADJ — DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
- SP — FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- TY1 OL — FRAMES AND LIDS, TYPE 1 OPEN LID
- TY11 — FRAMES AND GRATES, TYPE 11
- A WV — WATER VALVES TO BE ADJUSTED
- A BB — DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED

SEE REMOVAL SHEETS FOR STRUCTURE REMOVALS



PROPOSED STORM STRUCTURES

NO.	ALIGNMENT	STATION	OFFSET	TYPE	FRAME	ELEV	RIM/EP	INVERT
ST-S1-1	STERLING	13+17	32.6' LT	INLET, TYPE A	TYPE 1, OL	665.95	EP	663.28 12" NW
ST-S1-2	STERLING	13+22	39.9' LT	CATCH BASIN, TYPE A, 5' DIA	TYPE 1, CL	666.64	RIM	663.25 12" S (EX), 663.25 12" N (EX), 663.25 12" SE, 663.64 4" NW (EX)
ST-S1-3	PARK	29+05	32.6' LT	INLET, TYPE A	TYPE 1, OL	669.52	EP	666.48 12" W
ST-S1-4	PARK	29+05	40.7' LT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, CL	670.07	RIM	666.45 12" S (EX), 666.45 12" SE, 666.47 12" N (EX), 667.58 4" W (EX)
ST-EX-1-5	PARK	29+15	9.8' LT	EXISTING 3' DIA MANHOLE		670.69	EP	656.42 15" S (EX), 656.43 15" N (EX), 662.07 16" W (EX), 664.67 10" SW (EX), 667.30 12" NE
ST-EX-1-6	PARK	30+56	10.7' RT	EXISTING 3' DIA MANHOLE		672.92	RIM	661.07 15" S (EX), 661.07 15" NW (EX), UNK 15" W (EX), 668.37 12" E
ST-S1-7	NOT USED							
ST-S1-8	STERLING	15+79	21.2' RT	INLET, TYPE A	TYPE 1, OL	672.63	EP	668.93 12" W
ST-S1-9	PARK	30+20	38.3' LT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, OL	671.43	EP	668.23 12" W
ST-S1-10	PARK	30+21	45.4' LT	MANHOLE, TYPE A, 4' DIA	TYPE 1, CL	672.11	RIM	666.80 12" S (EX), 666.80 12" N (EX), 668.22 12" E
ST-S1-11								
ST-S1-12	PARK	31+33	16.4' RT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, OL	673.20	EP	667.25 15" SW (EX), 667.25 15" NE (EX)
ST-S1-13	NOT USED							
ST-S1-14	NOT USED							
ST-S1-15	STERLING	40+51	19.2' LT	INLET, TYPE A	TYPE 1, OL	673.43	EP	669.23 12" NE
ST-S1-16	STERLING	40+80	21.0' LT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, OL	673.18	EP	667.67 15" SW (EX), 667.70 12" NW (EX), 668.96 12" SW, 669.74 10" E (EX), 670.70 12" SE
ST-S1-17	STERLING	40+74	36.7' LT	MANHOLE, TYPE A, 4' DIA	TYPE 1, CL	674.08	RIM	670.78 12" SE, MATCH EX 8" NW (FIELD VERIFY)
ST-EX-1-18	CENTRAL	62+43	23.5' RT	EXISTING 3' DIA CATCH BASIN		671.86	RIM	668.46 10" E (EX), 668.46 10" NW
ST-S1-19	CENTRAL	62+44	28.5' RT	INLET, TYPE A	TYPE 1, OL	671.27	EP	668.48 10" SE
ST-S1-20	PARK	29+51	1.8' RT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, OL	671.82	EP	667.64 12" SW, 667.64 12" N
ST-S1-21	PARK	30+05	9.2' RT	INLET, TYPE A	TYPE 1, OL	672.46	EP	668.16 12" S
ST-S1-22	NOT USED							
ST-S1-23	PARK	63+40	23.5' RT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, OL	671.50	EP	668.30 12" NE
ST-EX-1-24	PARK	63+61	7.0' RT	EXISTING 3' DIA MANHOLE		672.29	RIM	661.28 15" E (EX), 661.28 15" W (EX), 668.07 12" SW, 668.19 8" N (EX), 668.40 8" S (EX)

PROPOSED STORM PIPES

NO.	TYPE	LENGTH (FT)	SLOPE	TRENCH BACKFILL (CU YD)
ST-P1-1	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	5	0.50%	0.9
ST-P1-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	5	0.50%	1.0
ST-P1-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	56	1.00%	15.6
ST-P1-4	NOT USED			
ST-P1-5	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	3	0.50%	0.6
ST-P1-6	NOT USED			
ST-P1-7	NOT USED			
ST-P1-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	27	1.00%	7.5
ST-P1-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	16	0.50%	2.4
ST-P1-10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 10"	3	0.50%	0.5
ST-P1-11	NOT USED			
ST-P1-12	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	34	1.00%	8.0
ST-P1-13	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	52	1.00%	15.5
ST-P1-14	NOT USED			
ST-P1-15	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	23	1.00%	5.4

PROPOSED STORM STRUCTURES

NO.	ALIGNMENT	STATION	OFFSET	TYPE	FRAME	ELEV	RIM/EP	INVERT
ST-S2-1	FLOSSMOOR	53+04	17.5' LT	INLET, TYPE A	TYPE 1, OL	664.00	EP	657.62 12" NE
ST-S2-2	FLOSSMOOR	53+17	25.0' LT	CATCH BASIN, TYPE A, 5' DIA	TYPE 1, CL	664.19	RIM	656.32 16" S (EX), 657.50 12" SW, 657.50 12" NE, 659.30 12" NE (EX), 660.00 10" W (EX)
ST-S2-3	STERLING	12+33	15.4' LT	INLET, TYPE A	TYPE 1, OL	663.44	EP	661.27 12" SW
ST-S2-4	STERLING	12+50	41.3' LT	MANHOLE, TYPE A, 5' DIA	TYPE 1, CL	664.66	RIM	660.70 12" SW (EX), 660.70 12" NE (EX), 661.24 12" E, EX DSPOT W (FIELD VERIFY)
ST-S2-5	STERLING	12+55	32.6' LT	CATCH BASIN, TYPE A, 4' DIA	TYPE 1, OL	664.47	EP	661.27 12" W

PROPOSED STORM PIPES

NO.	TYPE	LENGTH (FT)	SLOPE	TRENCH BACKFILL (CU YD)
ST-P2-1	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	12	1.00%	9.9
ST-P2-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	31	1.00%	23.6
ST-P2-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	6	0.50%	1.2

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BAXTER & WOODMAN Consulting Engineers

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	32
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	

DETAIL A:

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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -	
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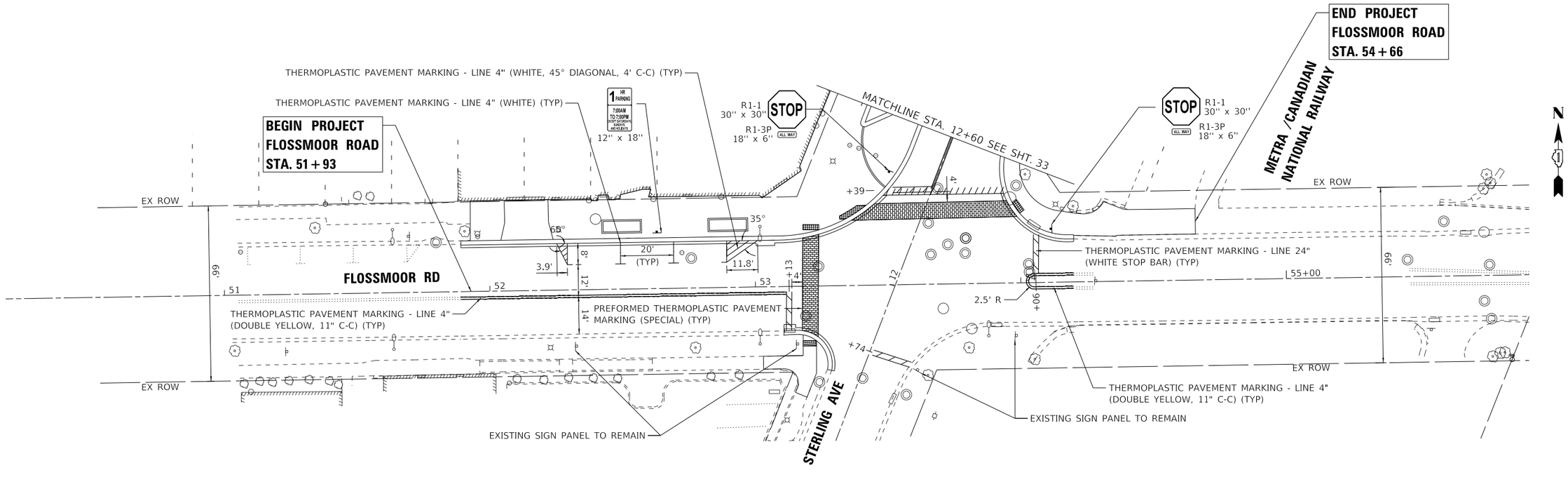
PLOT SCALE = 20.0000 ' / in.	CHECKED - JDM	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-PMK_01.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	33
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



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BAXTER & WOODMAN Consulting Engineers

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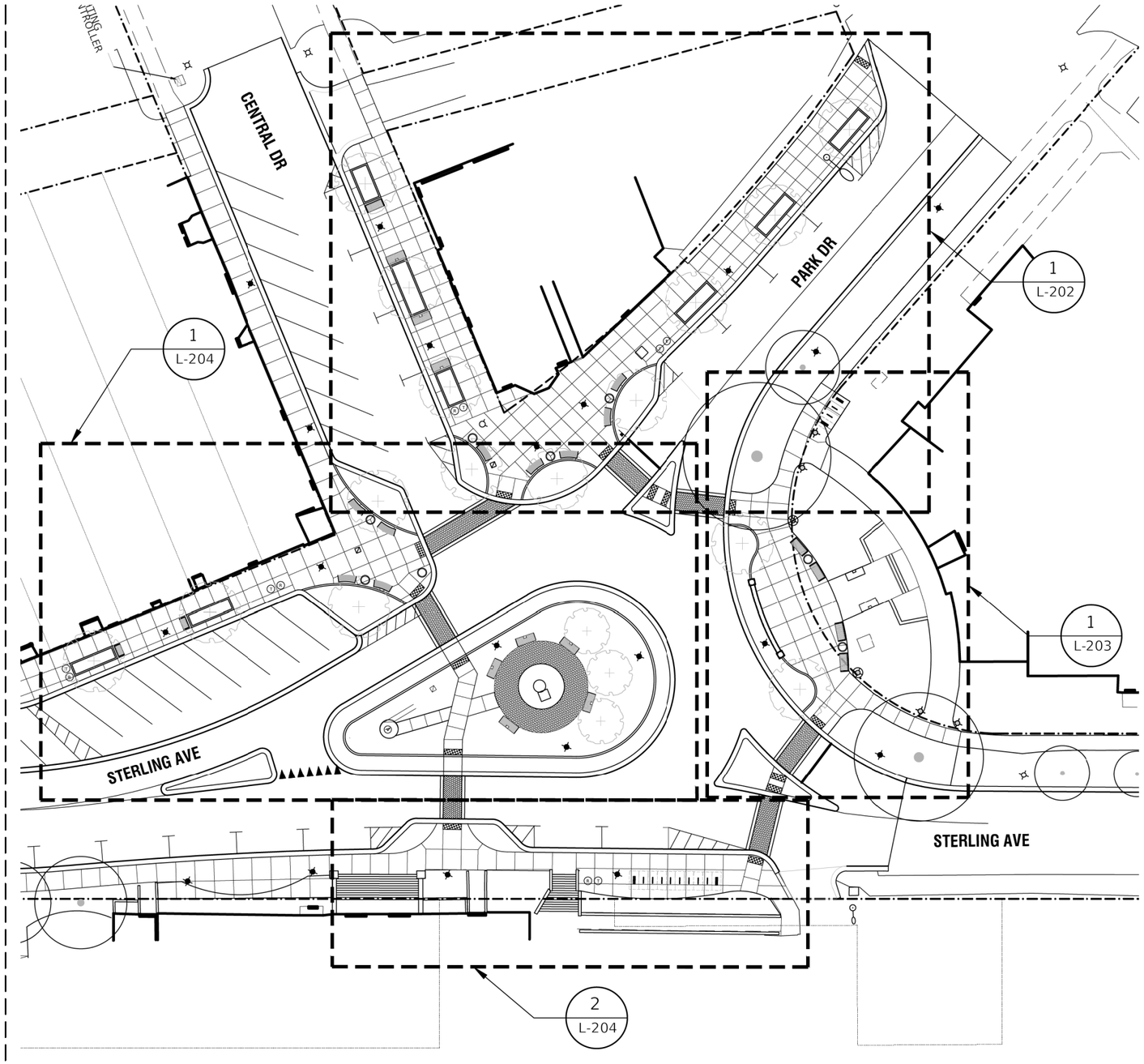
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-PMK_02.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	34
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



1 HARDSCAPE AND FURNISHINGS PLAN - LOCATION PLAN

LEGEND

- LANDSCAPE PLANTER
- TRASH RECEPTACLE RELOCATION
- RECYCLING RECEPTACLE
- BICYCLE RACKS, FLOSSMOOR BRANDED
- BICYCLE RACKS
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH WITH DONOR PLAQUE
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH
- BENCHES, 4' BENCH
- MASONRY WALL
- BENCHES, 6' BENCH, CURVED
- BOLLARDS, UNLIT
- RELOCATED EXISTING LIGHTING UNIT
- EXISTING DECORATIVE LIGHT POLE
- PLANTER CURB
- 6" FLUSH CONCRETE BAND PAID FOR AS CONCRETE SIDEWALK
- PREFORMED THERMOPLASTIC PAVEMENT MARKING
- DETECTABLE WARNINGS
- EXISTING TREE
- PROPOSED TREE

0 20 40 60 80 feet
1" = 20'

NORTH

L-200

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
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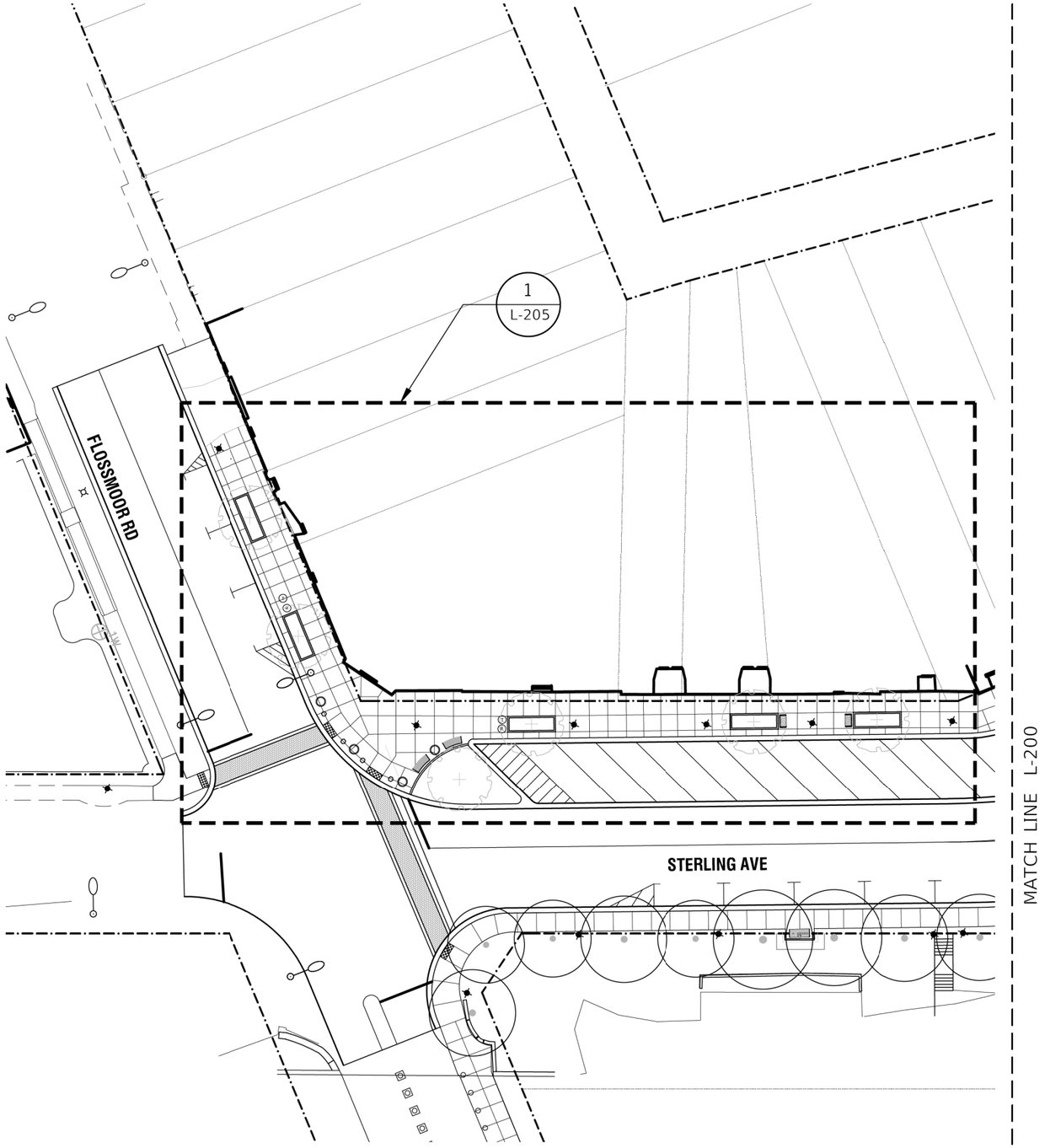
USER NAME =	DESIGNED - JTB	REVISED -
	DRAWN - JTB	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	FILE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE AND FURNISHINGS PLAN - LOCATION PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	35
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



LEGEND

- LANDSCAPE PLANTER
- TRASH RECEPTACLE RELOCATION
- RECYCLING RECEPTACLE
- BICYCLE RACKS, FLOSSMOOR BRANDED
- BICYCLE RACKS
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH WITH DONOR PLAQUE
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH
- BENCHES, 4' BENCH
- MASONRY WALL
- BENCHES, 6' BENCH, CURVED
- BOLLARDS, UNLIT
- RELOCATED EXISTING LIGHTING UNIT
- EXISTING DECORATIVE LIGHT POLE
- PLANTER CURB
- 6" FLUSH CONCRETE BAND PAID FOR AS CONCRETE SIDEWALK
- PREFORMED THERMOPLASTIC PAVEMENT MARKING
- DETECTABLE WARNINGS
- EXISTING TREE
- PROPOSED TREE

1 HARDSCAPE AND FURNISHINGS PLAN ENLARGEMENT

0 20 40 60 80 feet

1" = 20'

NORTH

L-201

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
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FILE NAME: $FILEL$

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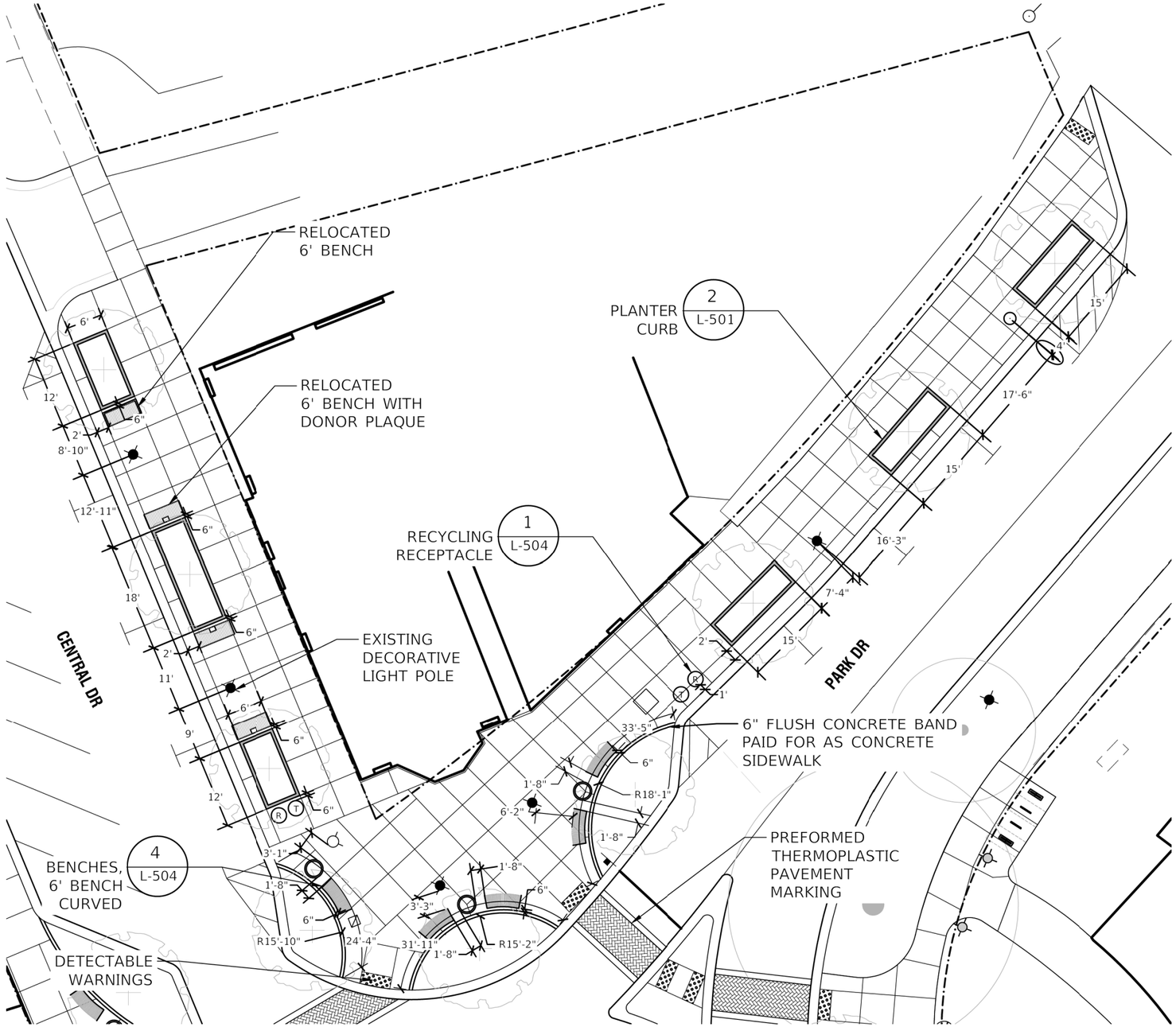
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE AND FURNISHINGS PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	36
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



1 HARDSCAPE AND FURNISHINGS PLAN ENLARGEMENT

LEGEND

- LANDSCAPE PLANTER
- TRASH RECEPTACLE RELOCATION
- RECYCLING RECEPTACLE
- BICYCLE RACKS, FLOSSMOOR BRANDED
- BICYCLE RACKS
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH WITH DONOR PLAQUE
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH
- BENCHES, 4' BENCH
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- BENCHES, 6' BENCH, CURVED
- BOLLARDS, UNLIT
- RELOCATED EXISTING LIGHTING UNIT
- EXISTING DECORATIVE LIGHT POLE
- PLANTER CURB
- 6" FLUSH CONCRETE BAND PAID FOR AS CONCRETE SIDEWALK
- PREFORMED THERMOPLASTIC PAVEMENT MARKING
- DETECTABLE WARNINGS
- EXISTING TREE
- PROPOSED TREE

0 10 20 40 60 feet
1" = 10'

NORTH

L-202

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$
LICENSE NO. - 184-001121 - EXPIRES 4/30/ $YEAR2 $PENTBL$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL:NAME$
FILE NAME: $FILE$

teska

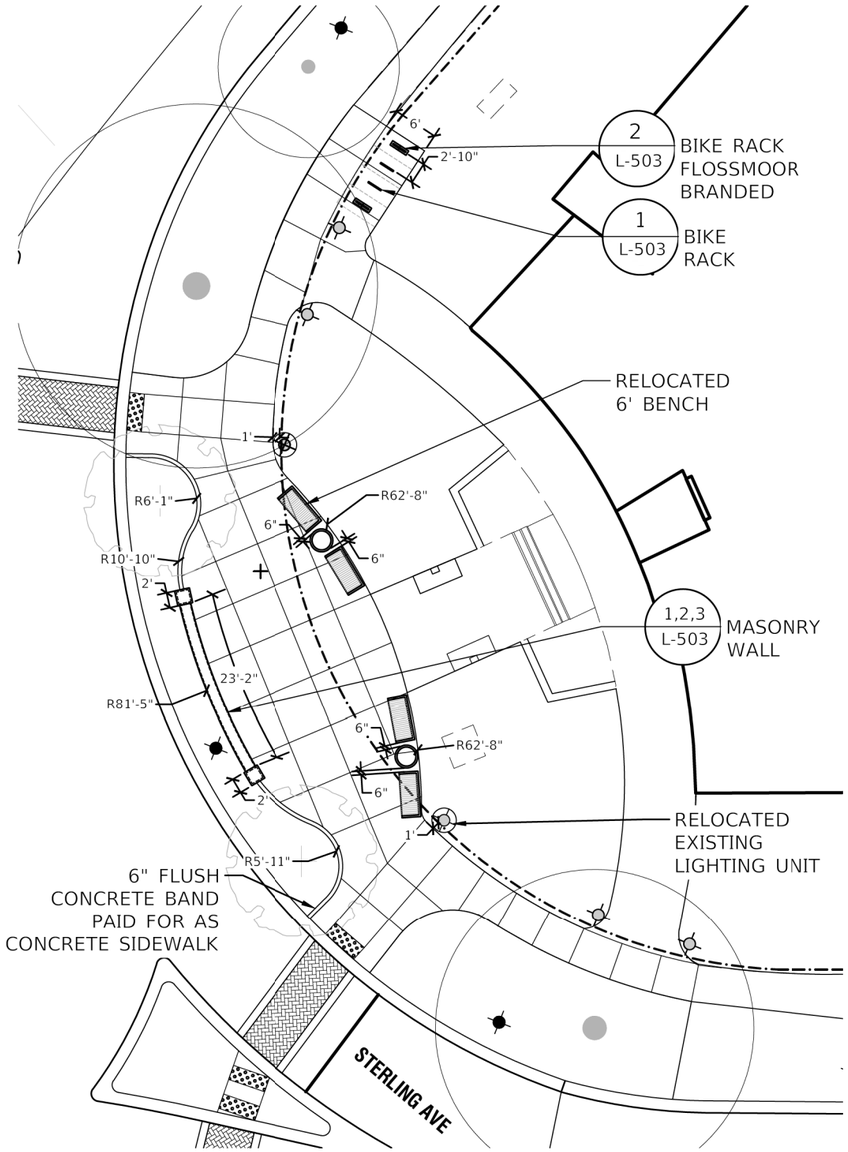
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE AND FURNISHINGS PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	37
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



1 HARDSCAPE AND FURNISHINGS PLAN ENLARGEMENT

LEGEND

- LANDSCAPE PLANTER
- TRASH RECEPTACLE RELOCATION
- RECYCLING RECEPTACLE
- BICYCLE RACKS, FLOSSMOOR BRANDED
- BICYCLE RACKS
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH WITH DONOR PLAQUE
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH
- BENCHES, 4' BENCH
- MASONRY WALL
- BENCHES, 6' BENCH, CURVED
- BOLLARDS, UNLIT
- RELOCATED EXISTING LIGHTING UNIT
- EXISTING DECORATIVE LIGHT POLE
- PLANTER CURB
- 6" FLUSH CONCRETE BAND PAID FOR AS CONCRETE SIDEWALK
- PREFORMED THERMOPLASTIC PAVEMENT MARKING
- DETECTABLE WARNINGS
- EXISTING TREE
- PROPOSED TREE

0 10 20 40 60 feet

1" = 10'

NORTH

L-203

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL.NAME$
FILE NAME: $FILE$

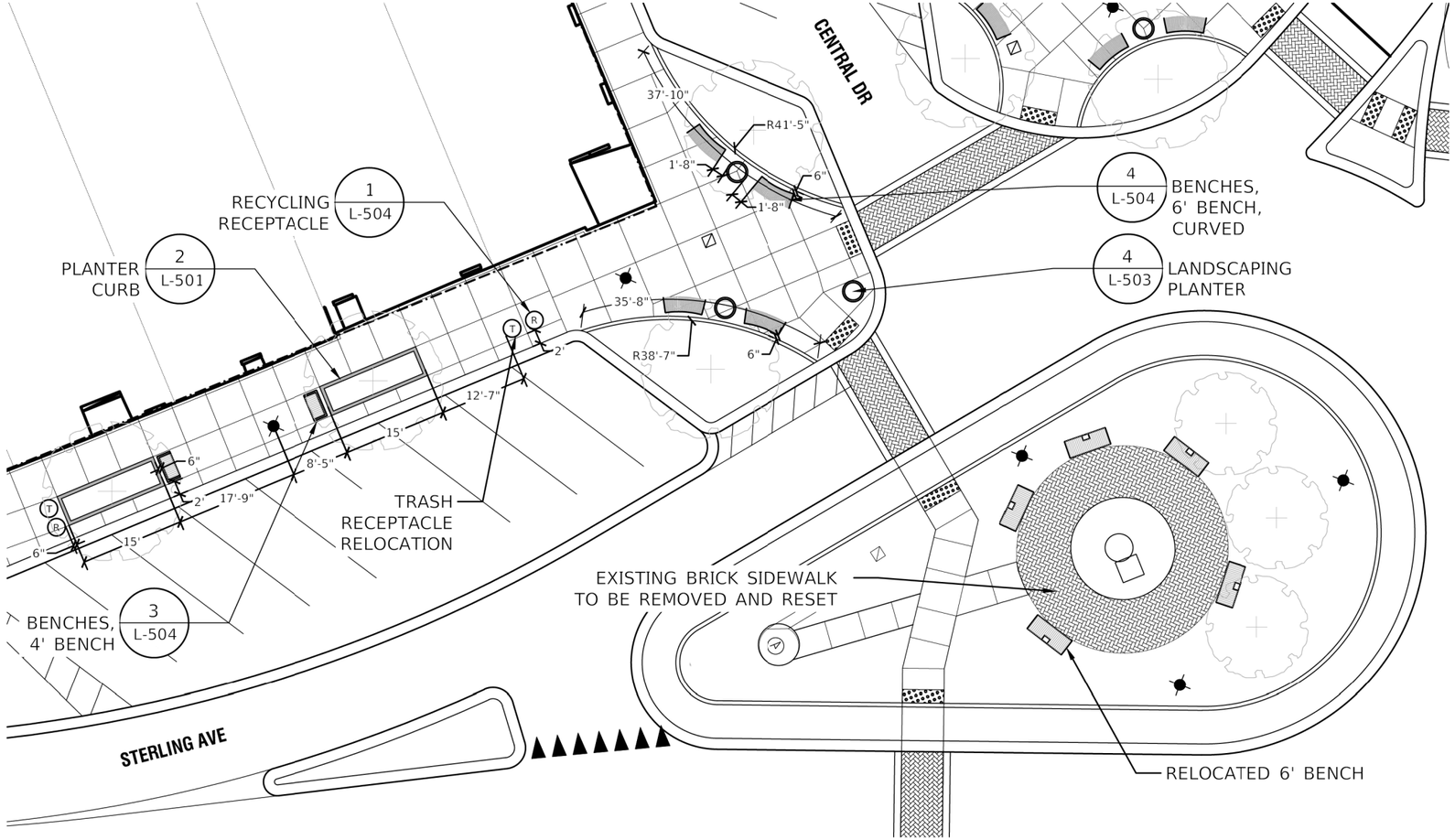
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

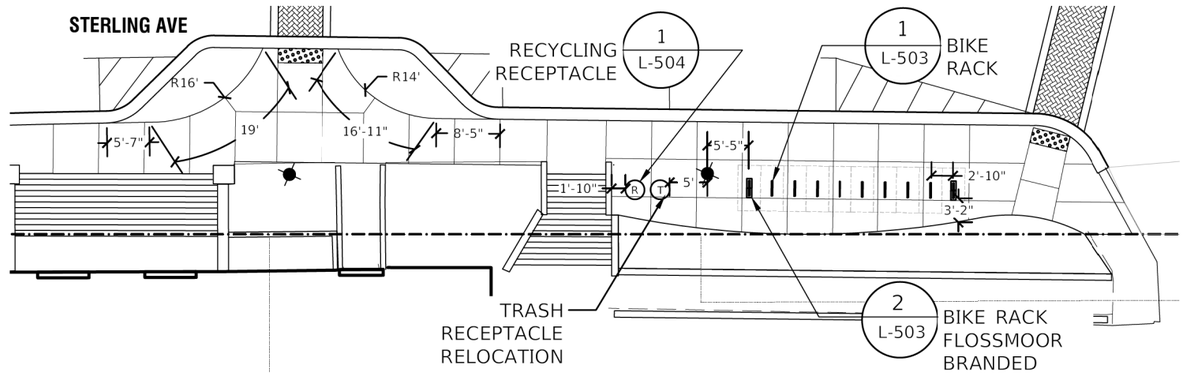
HARDSCAPE AND FURNISHINGS PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	38
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



1 HARDSCAPE AND FURNISHINGS PLAN ENLARGEMENT



2 HARDSCAPE AND FURNISHINGS PLAN ENLARGEMENT

LEGEND

- LANDSCAPE PLANTER
- TRASH RECEPTACLE RELOCATION
- RECYCLING RECEPTACLE
- BICYCLE RACKS, FLOSSMOOR BRANDED
- BICYCLE RACKS
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH WITH DONOR PLAQUE
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH
- BENCHES, 4' BENCH
- MASONRY WALL
- BENCHES, 6' BENCH, CURVED
- BOLLARDS, UNLIT
- RELOCATED EXISTING LIGHTING UNIT
- EXISTING DECORATIVE LIGHT POLE
- PLANTER CURB
- 6" FLUSH CONCRETE BAND PAID FOR AS CONCRETE SIDEWALK
- PREFORMED THERMOPLASTIC PAVEMENT MARKING
- DETECTABLE WARNINGS
- EXISTING TREE
- PROPOSED TREE

0 10 20 40 60 feet
1" = 10'

NORTH

L-204

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $TIME$ $FILE$
$DATE$
MODEL: $MODEL.NAME$
FILE NAME: $FILE$

teska

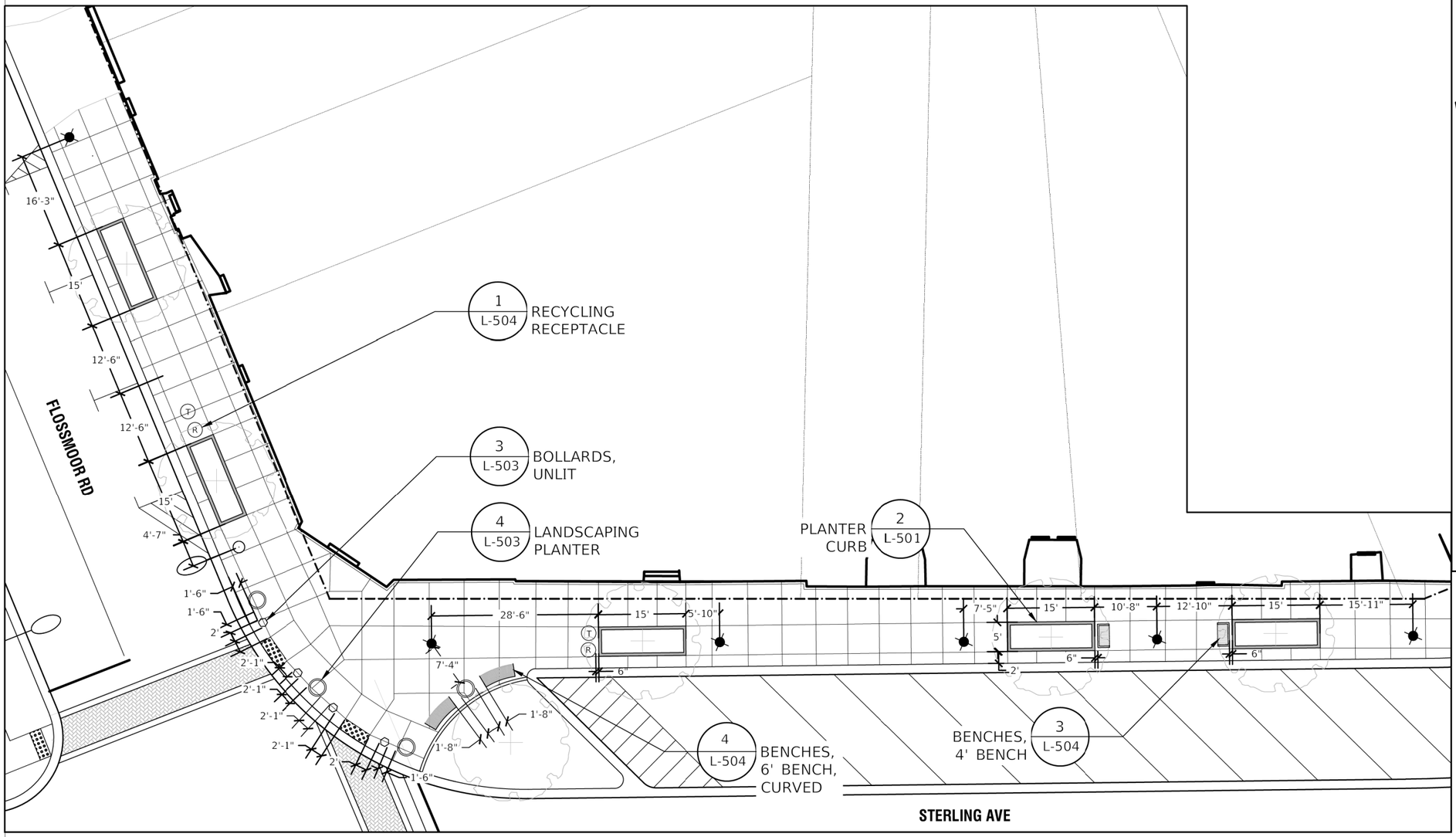
USER NAME =	DESIGNED - JTB	REVISED -
	DRAWN - JTB	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	FILE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE AND FURNISHINGS PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	39
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



1 HARDSCAPE AND FURNISHINGS PLAN ENLARGEMENT

LEGEND

- LANDSCAPE PLANTER
- TRASH RECEPTACLE RELOCATION
- RECYCLING RECEPTACLE
- BICYCLE RACKS, FLOSSMOOR BRANDED
- BICYCLE RACKS
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH WITH DONOR PLAQUE
- PARK BENCH REMOVAL AND RELOCATION, 6' BENCH
- BENCHES, 4' BENCH
- MASONRY WALL
- BENCHES, 6' BENCH, CURVED
- BOLLARDS, UNLIT
- RELOCATED EXISTING LIGHTING UNIT
- EXISTING DECORATIVE LIGHT POLE
- PLANTER CURB
- 6" FLUSH CONCRETE BAND PAID FOR AS CONCRETE SIDEWALK
- PREFORMED THERMOPLASTIC PAVEMENT MARKING
- DETECTABLE WARNINGS
- EXISTING TREE
- PROPOSED TREE

0 10 20 40 60 feet

1" = 10'

NORTH

L-205

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/ $YEAR2 $PENTBLA$
$PLOTTEDBY$ $TIME$ $FILE$
$DATE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

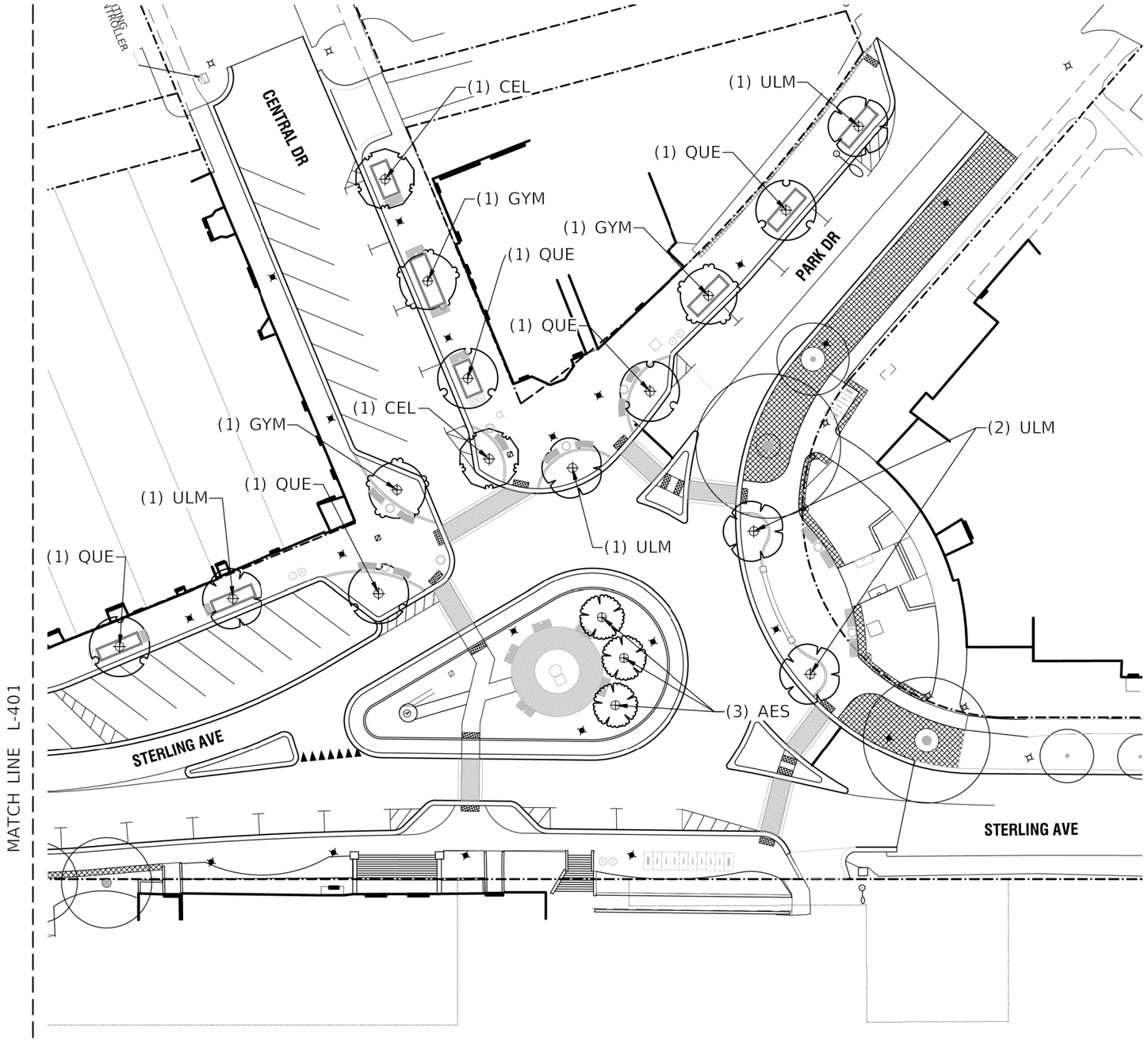
USER NAME =	DESIGNED - JTB	REVISED -
	DRAWN - JTB	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	FILE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE AND FURNISHINGS PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	40
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



1 TREE PLANTING PLAN

LEGEND

SODDING

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
TREES					
AES	3	Aesculus glabra 'JN Select' / Early Glow™ Ohio Buckeye	2.5" Cal.	B&B	AS SHOWN
CEL	2	Celtis occidentalis / Common Hackberry	2.5" Cal.	B&B	AS SHOWN
GYM	3	Gymnocladus dioicus `Espresso` / Kentucky Coffeetree	2.5" Cal.	B&B	AS SHOWN
QUE	5	Quercus bicolor / Swamp White Oak	2.5" Cal.	B&B	AS SHOWN
ULM	5	Ulmus x `Morton Glossy` / Triumph™ Elm	2.5" Cal.	B&B	AS SHOWN

0 20 40 60 80 feet

1" = 20'

NORTH

L-400

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBL$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL:NAME$
FILE NAME: $FILE$

USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

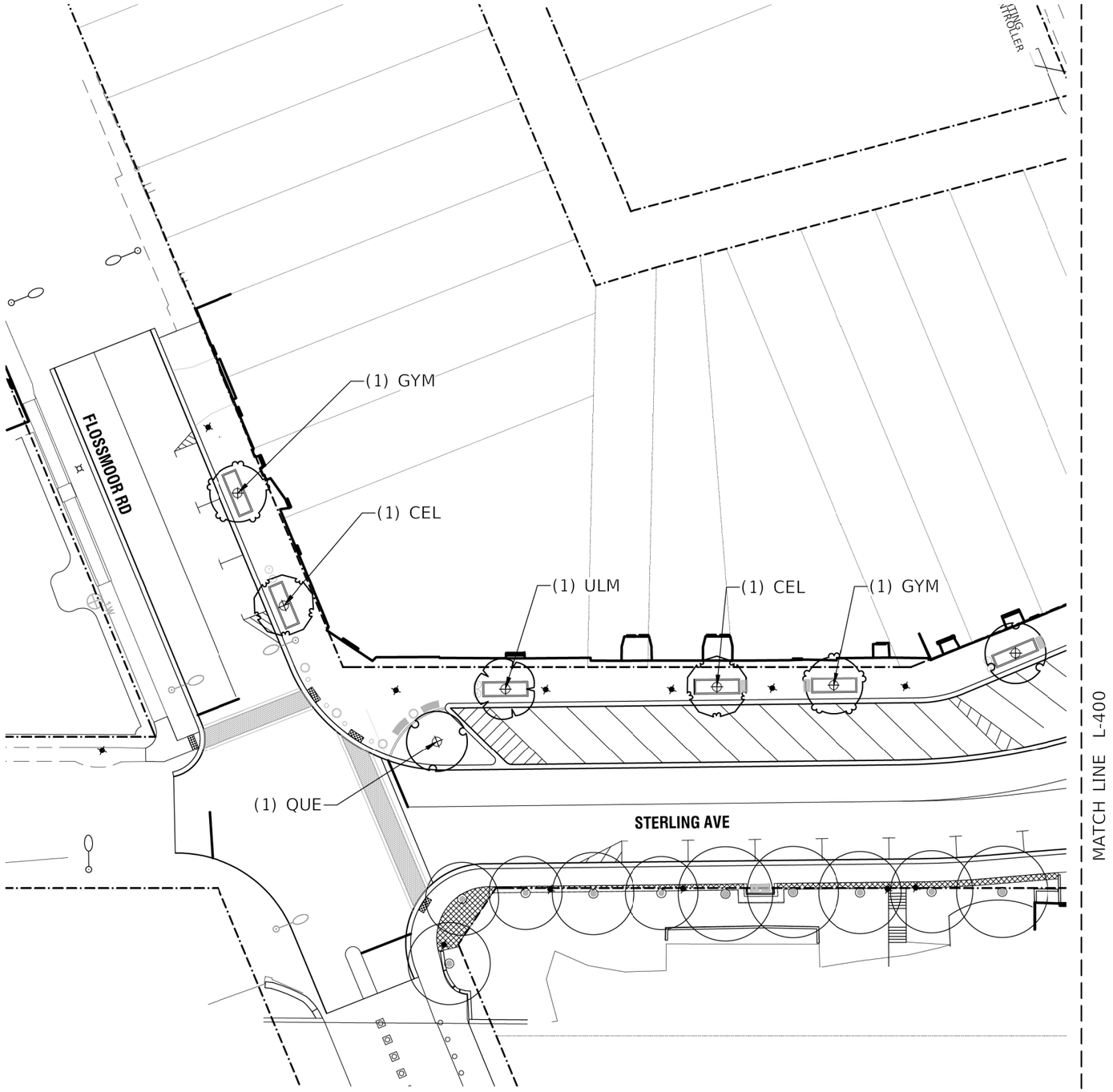
PLANTING PLAN - TREES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	41

CONTRACT NO. 61L25

ILLINOIS | FED. AID PROJECT ZZR2(010)



1 TREE PLANTING PLAN

LEGEND

SODDING

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
TREES					
CEL	2	Celtis occidentalis / Common Hackberry	2.5" Cal.	B&B	AS SHOWN
GYM	2	Gymnocladus dioicus `Espresso` / Kentucky Coffeetree	2.5" Cal.	B&B	AS SHOWN
QUE	1	Quercus bicolor / Swamp White Oak	2.5" Cal.	B&B	AS SHOWN
ULM	1	Ulmus x `Morton Glossy` / Triumph™ Elm	2.5" Cal.	B&B	AS SHOWN

0 20 40 60 80 feet
1" = 20'
NORTH

L-401

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$
LICENSE NO. - 184-001121 - EXPIRES 4/30/ $YEAR2 $PENTBL$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL:NAME$
FILE NAME: $FILE$

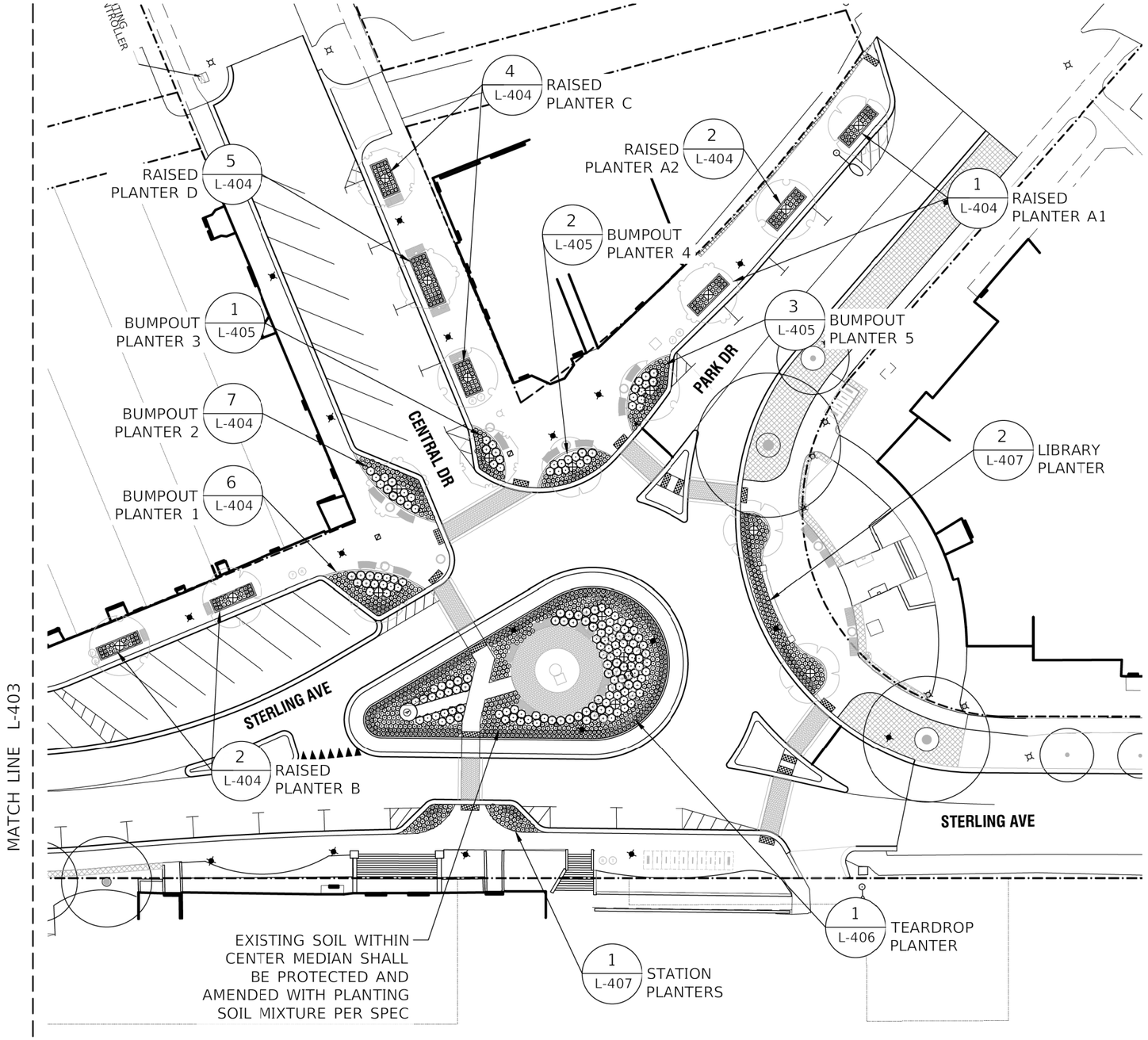
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANTING PLAN - TREES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	42
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



1 PLANTING PLAN - LOCATION PLAN

0 20 40 60 80 feet
1" = 20'

NORTH

L-402

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/ $YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

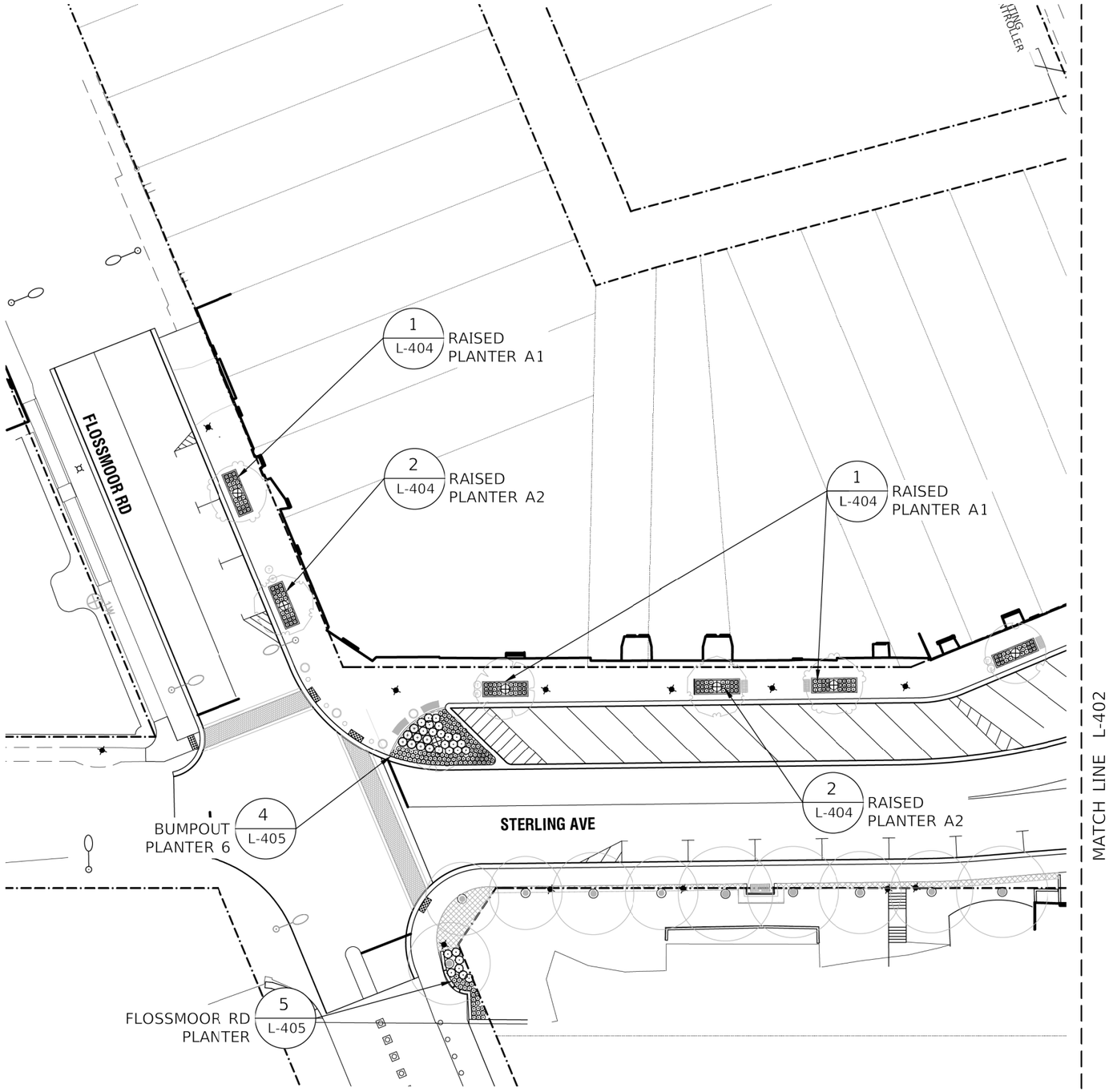
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANTING PLAN - LOCATION PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	43
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



1 PLANTING PLAN - LOCATION PLAN

0 20 40 60 80 feet

1" = 20'

NORTH

L-403

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$
LICENSE NO. - 184-001121 - EXPIRES 4/30/ $YEAR2 $PENTBL$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL:NAME$
FILE NAME: $FILE$

teska

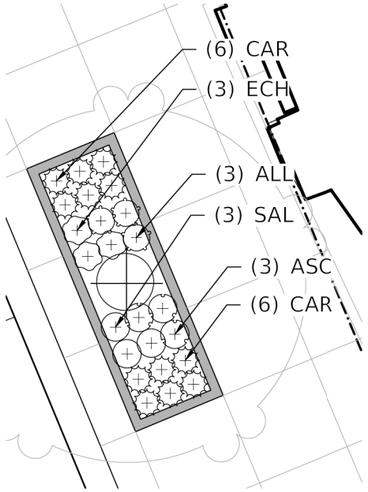
USER NAME =	DESIGNED - JTB	REVISED -
	DRAWN - JTB	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	FILE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANTING PLAN

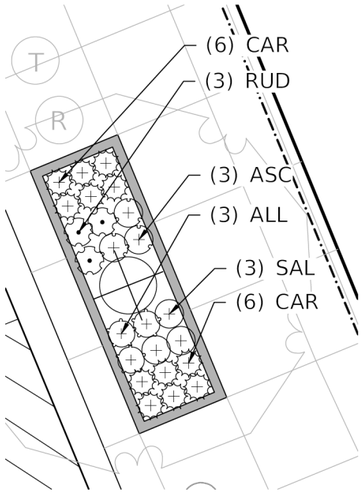
SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	44
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



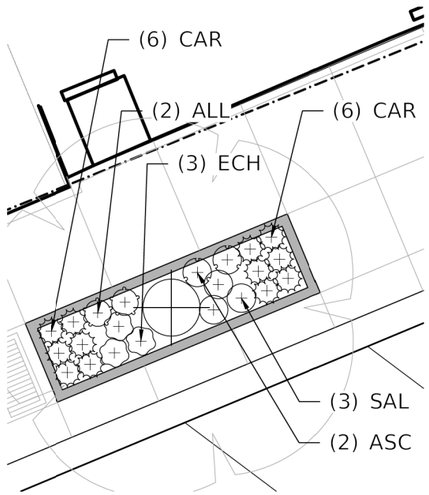
1 RAISED PLANTER A1

OCCURS 2 TIMES ON L-402
OCCURS 3 TIMES ON L-403



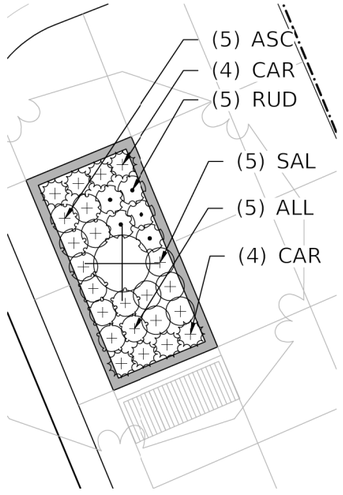
2 RAISED PLANTER A2

OCCURS 1 TIMES ON L-402
OCCURS 2 TIMES ON L-403



3 RAISED PLANTER B

OCCURS 2 TIMES ON L-402

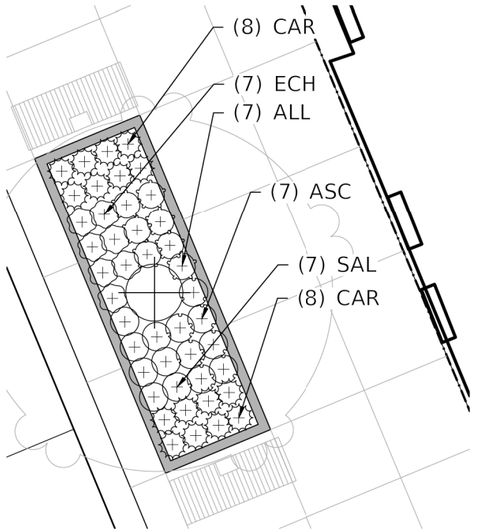


4 RAISED PLANTER C

OCCURS 2 TIMES ON L-402

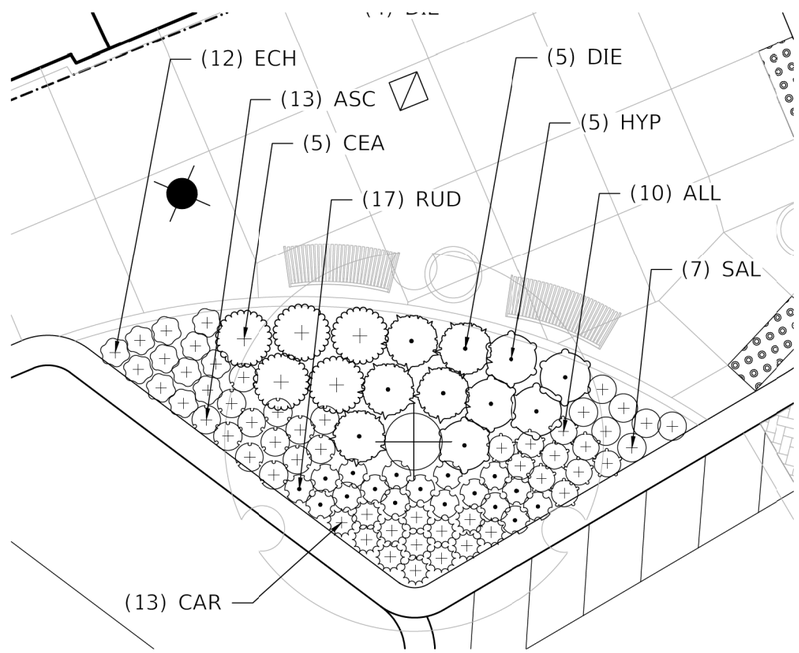
PLANT SCHEDULE

CODE	QTY.	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
SHRUBS					
CEA	9	Ceanothus americanus / New Jersey Tea	24" ht.	CG	36" O.C.
DIE	9	Diervilla lonicera / Dwarf Bush Honeysuckle	24" ht.	CG	36" O.C.
HYP	9	Hypericum kalmianum / Kalm St. Johnswort	24" ht.	CG	36" O.C.
PERENNIALS					
ALL	64	Allium cernuum / Nodding Onion	1 gal.	CG	18" O.C.
ASC	68	Asclepias tuberosa / Butterfly Milkweed	1 gal.	CG	18" O.C.
CAR	177	Carex pensylvanica / Pennsylvania Sedge	1 gal.	CG	18" O.C.
ECH	48	Echinacea purpurea `Prairie Splendor` / Prairie Splendor Coneflower	1 gal.	CG	18" O.C.
RUD	47	Rudbeckia fulgida 'Blovi' / Viette's Little Suzy Coneflower	1 gal.	CG	18" O.C.
SAL	59	Salvia nemorosa `Rose Marvel` / Rose Marvel Meadow Sage	1 gal.	CG	18" O.C.

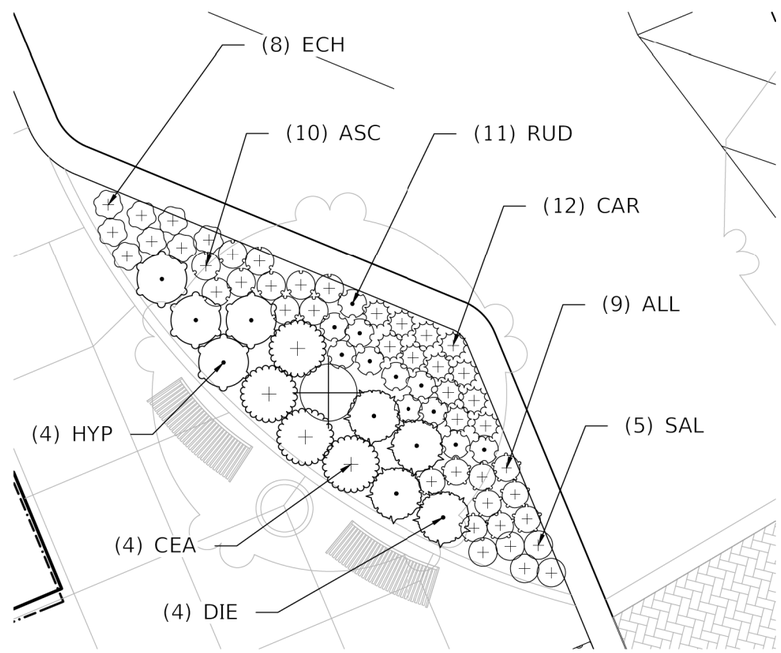


5 RAISED PLANTER D

OCCURS 1 TIME ON L-402



6 BUMPOUT PLANTER 1



7 BUMPOUT PLANTER 2

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVAS$
LICENSE NO. - 184-001121 - EXPIRES 4/30/SYEAR2 $PENTBLAS$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILEL$

teska

USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

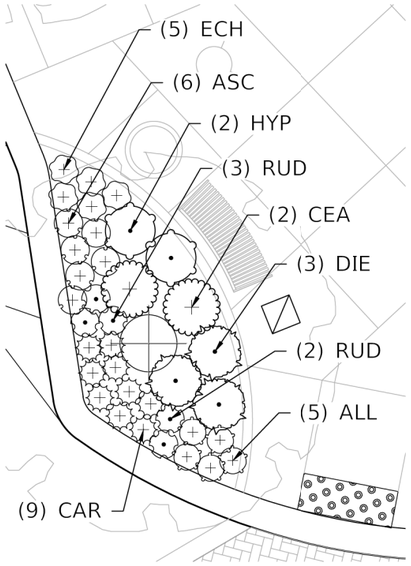
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANTING PLAN ENLARGEMENTS

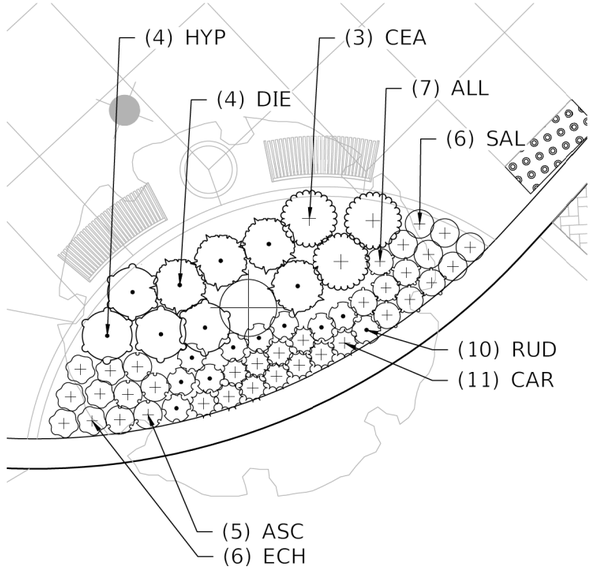
SCALE: | SHEET OF SHEETS | STA. | TO STA.

L-404

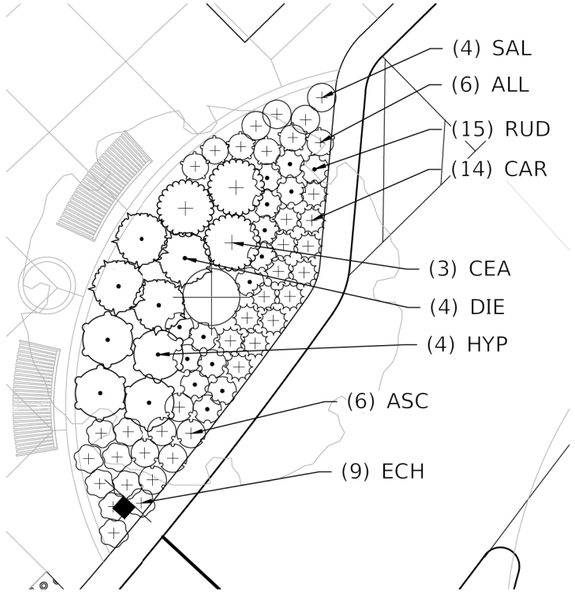
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	45
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



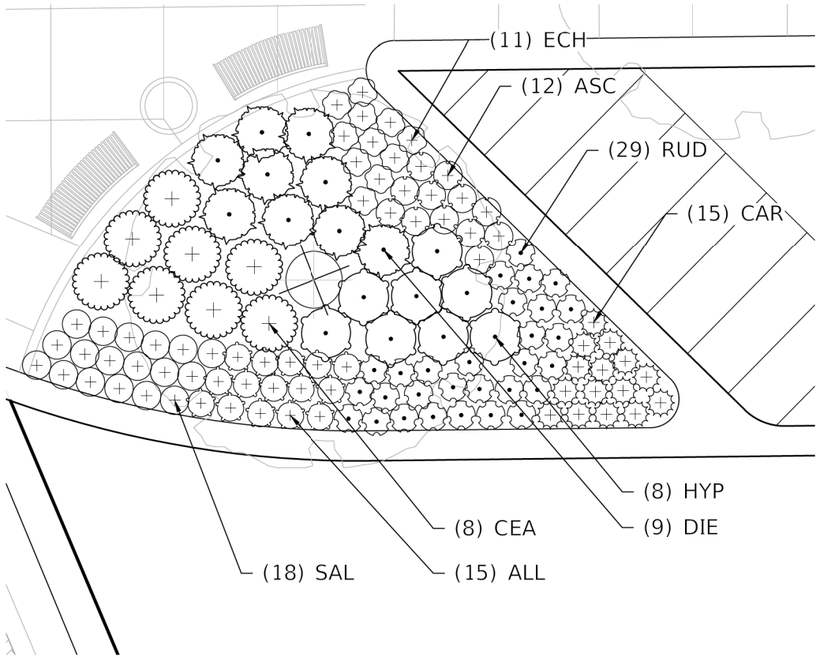
1 BUMPOUT PLANTER 3



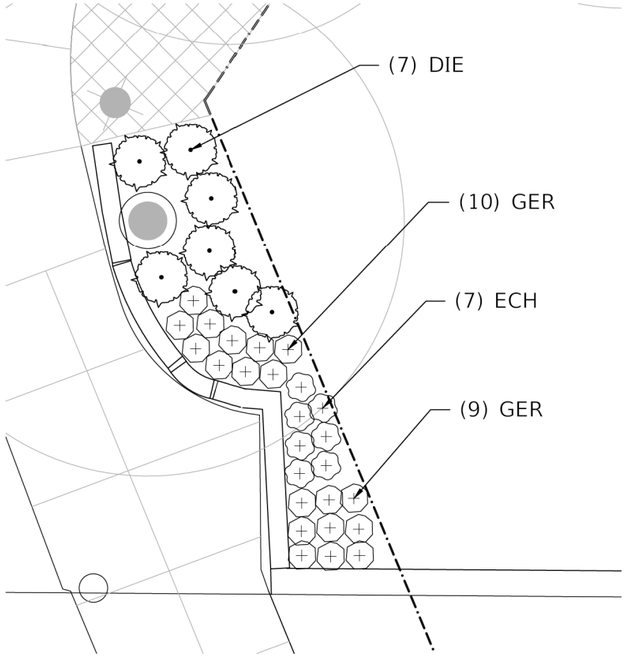
2 BUMPOUT PLANTER 4



3 BUMPOUT PLANTER 5



4 BUMPOUT PLANTER 6



5 FLOSSMOOR RD PLANTER

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
SHRUBS					
CEA	16	Ceanothus americanus / New Jersey Tea	24" ht.	CG	36" O.C.
DIE	27	Diervilla lonicera / Dwarf Bush Honeysuckle	24" ht.	CG	36" O.C.
HYP	18	Hypericum kalmianum / Kalm St. Johnswort	24" ht.	CG	36" O.C.
PERENNIALS					
ALL	33	Allium cernuum / Nodding Onion	1 gal.	CG	18" O.C.
ASC	29	Asclepias tuberosa / Butterfly Milkweed	1 gal.	CG	18" O.C.
CAR	49	Carex pensylvanica / Pennsylvania Sedge	1 gal.	CG	18" O.C.
ECH	38	Echinacea purpurea `Prairie Splendor` / Prairie Splendor Coneflower	1 gal.	CG	18" O.C.
GER	19	Geranium maculatum / Wild Geranium	1 gal.	CG	18" O.C.
RUD	59	Rudbeckia fulgida 'Blovi' / Viette's Little Suzy Coneflower	1 gal.	CG	18" O.C.
SAL	28	Salvia nemorosa `Rose Marvel` / Rose Marvel Meadow Sage	1 gal.	CG	18" O.C.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

L-405

USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

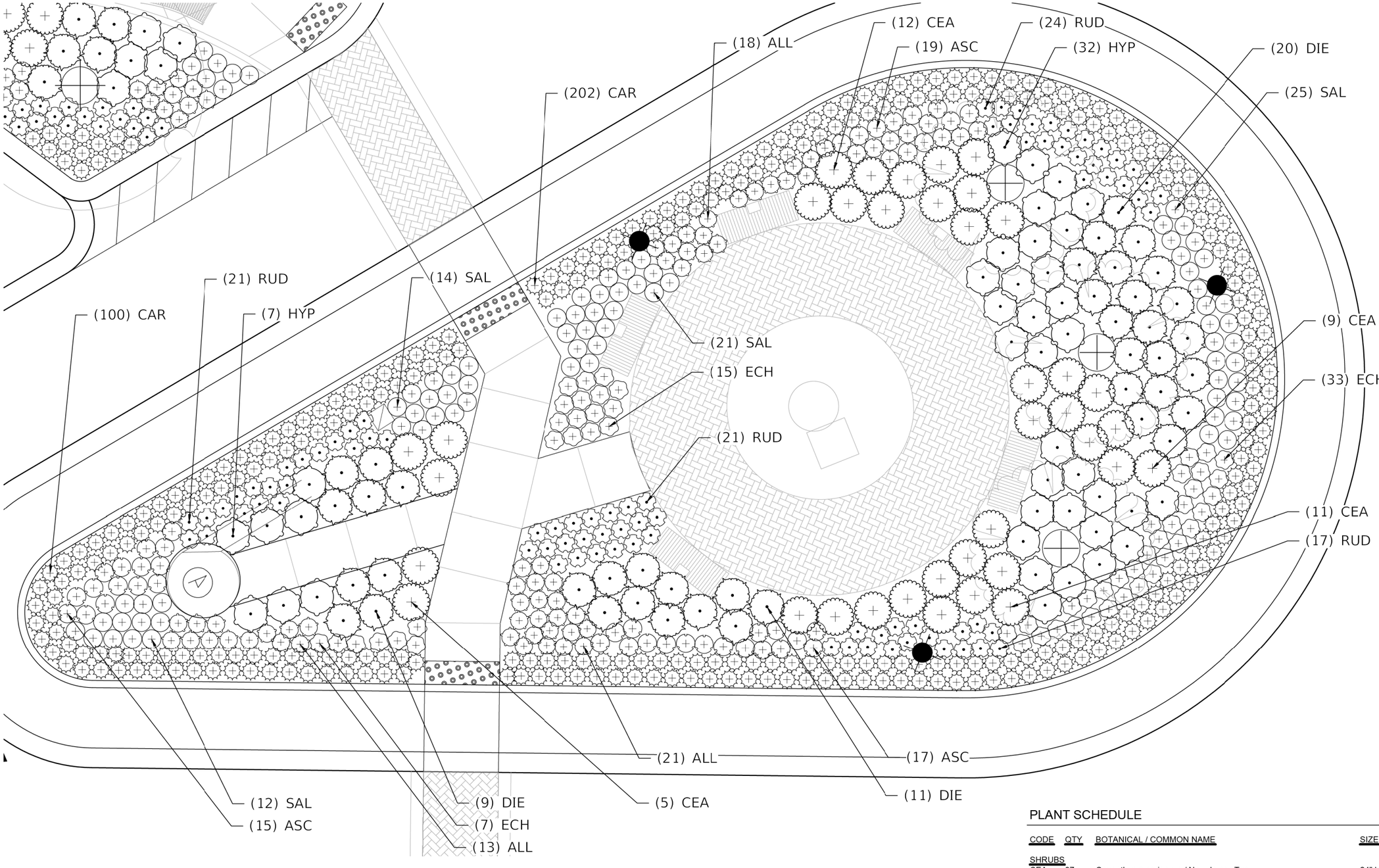
PLANTING PLAN ENLARGEMENTS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	46

CONTRACT NO. 61L25

ILLINOIS | FED. AID PROJECT ZZR2(010)



1 TEARDROP PLANTER

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
SHRUBS					
CEA	37	Ceanothus americanus / New Jersey Tea	24" ht.	CG	36" O.C.
DIE	40	Diervilla lonicera / Dwarf Bush Honeysuckle	24" ht.	CG	36" O.C.
HYP	39	Hypericum kalmianum / Kalm St. Johnswort	24" ht.	CG	36" O.C.
PERENNIALS					
ALL	52	Allium cernuum / Nodding Onion	1 gal.	CG	18" O.C.
ASC	51	Asclepias tuberosa / Butterfly Milkweed	1 gal.	CG	18" O.C.
CAR	302	Carex pensylvanica / Pennsylvania Sedge	1 gal.	CG	18" O.C.
ECH	55	Echinacea purpurea `Prairie Splendor` / Prairie Splendor Coneflower	1 gal.	CG	18" O.C.
RUD	83	Rudbeckia fulgida 'Blovi' / Viette's Little Suzy Coneflower	1 gal.	CG	18" O.C.
SAL	72	Salvia nemorosa `Rose Marvel` / Rose Marvel Meadow Sage	1 gal.	CG	18" O.C.

L-406

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVAS
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

teska

USER NAME =	DESIGNED - JTB	REVISED -
	DRAWN - JTB	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	FILE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

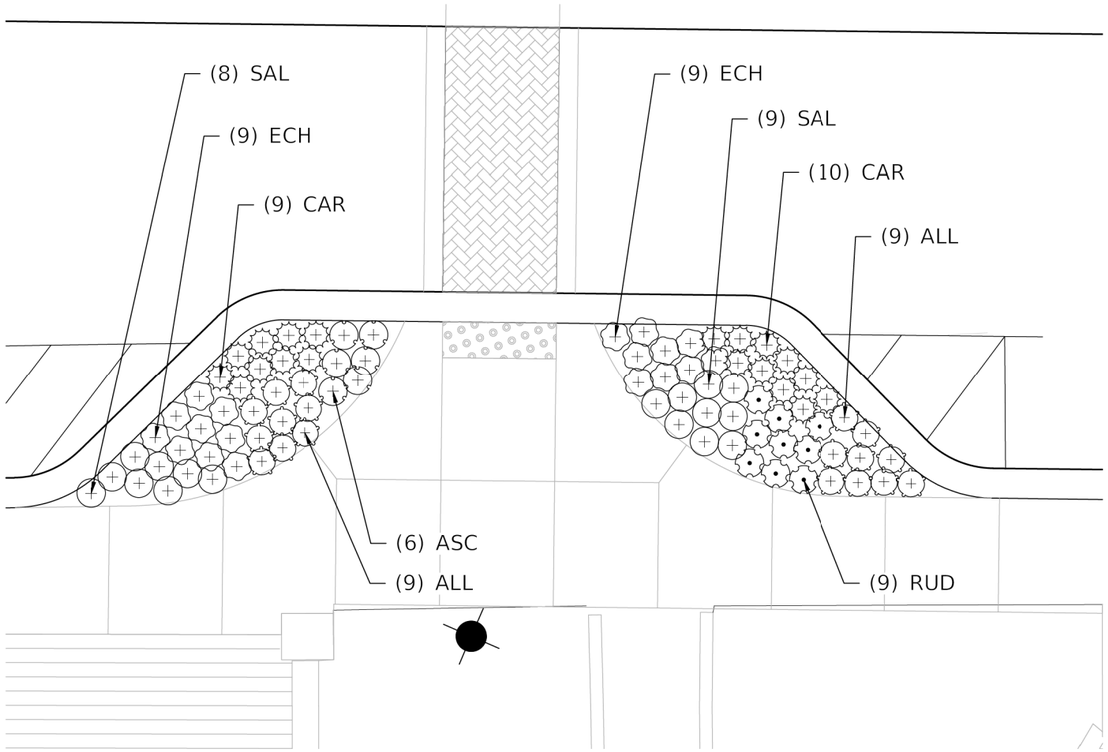
PLANTING PLAN ENLARGEMENTS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	47
		CONTRACT NO. 61L25		
	ILLINOIS FED. AID PROJECT ZZR2(010)			

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
PERENNIALS					
ALL	29	Allium cernuum / Nodding Onion	1 gal.	CG	18" O.C.
ASC	17	Asclepias tuberosa / Butterfly Milkweed	1 gal.	CG	18" O.C.
CAR	68	Carex pensylvanica / Pennsylvania Sedge	1 gal.	CG	18" O.C.
ECH	27	Echinacea purpurea `Prairie Splendor` / Prairie Splendor Coneflower	1 gal.	CG	18" O.C.
RUD	20	Rudbeckia fulgida 'Blovi' / Viette's Little Suzy Coneflower	1 gal.	CG	18" O.C.
SAL	39	Salvia nemorosa `Rose Marvel` / Rose Marvel Meadow Sage	1 gal.	CG	18" O.C.
SPO	57	Sporobolus heterolepis / Prairie Dropseed	1 gal.	CG	18" O.C.



1 STATION PLANTER

2 LIBRARY PLANTER

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $TIME$ $FILE$
$DATE$
MODEL: $MODEL:NAME$
FILE NAME: $FILE$

USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

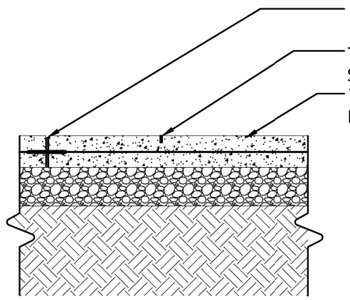
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANTING PLAN ENLARGEMENTS

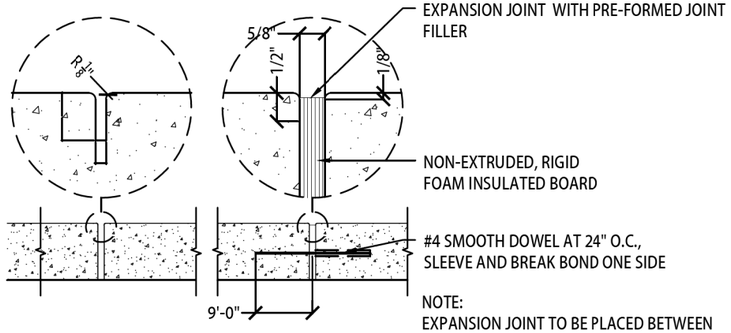
SCALE: | SHEET OF SHEETS | STA. | TO STA.

L-407

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	48
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



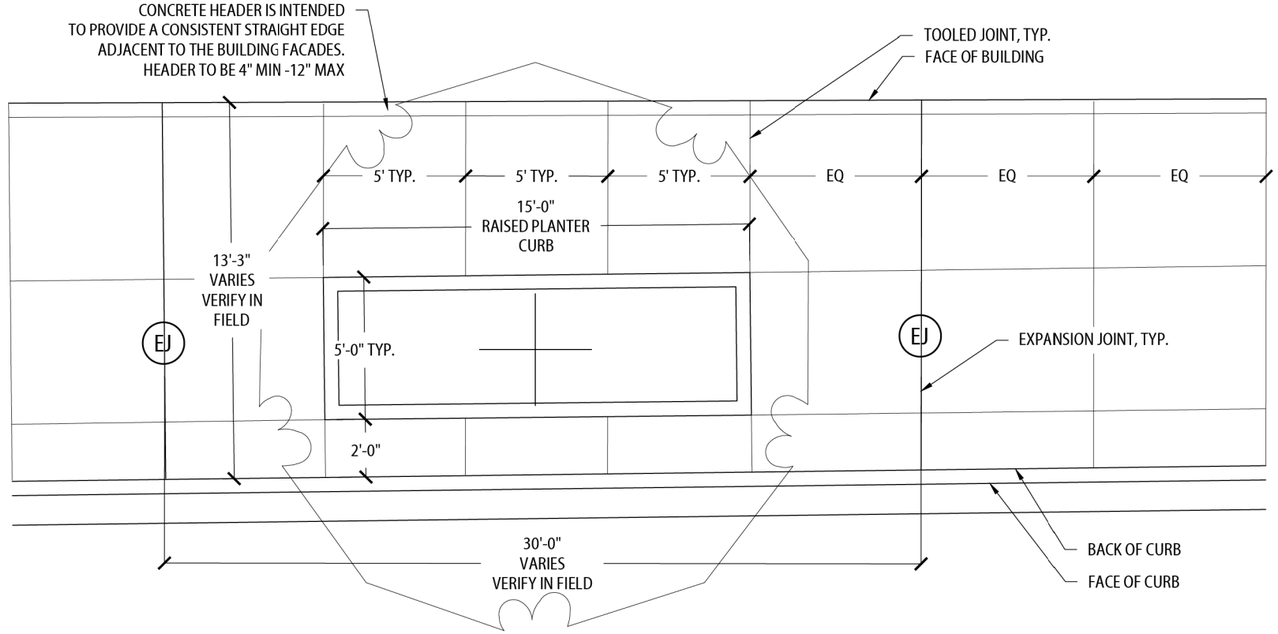
NOTE:
EXPANSION JOINT TO BE APPROPRIATELY SPACED AT ENGINEER'S APPROVAL AND NO GREATER THAN 30'-0" O.C. CONTROL JOINTS TO BE AT EQUAL INCREMENTS AND NO GREATER THAN 5'-5" O.C. OR AS SHOWN ON PLANS. PROVIDE LIGHT BROOM FINISH ON ALL CONCRETE SURFACES. BROOM FINISH SHALL BE CONSISTENTLY ORIENTED AT CORNERS AND PERPENDICULAR TO ROADWAY.



NOTE:
EXPANSION JOINT TO BE PLACED BETWEEN BUILDING HEADER AND NEW CONCRETE
NO SAWCUT JOINTS WILL BE ACCEPTED

1 POURED IN PLACE CONCRETE SIDEWALK WITH EXPANSION JOINT

NTS



2 SIDEWALK JOINTING AND RAISED PLANTER CURB

NTS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBL$
$PLOTTEDBY$ $TIME$ $FILE$
MODEL: $MODEL.NAME$
FILE NAME: $FILE$

L-500

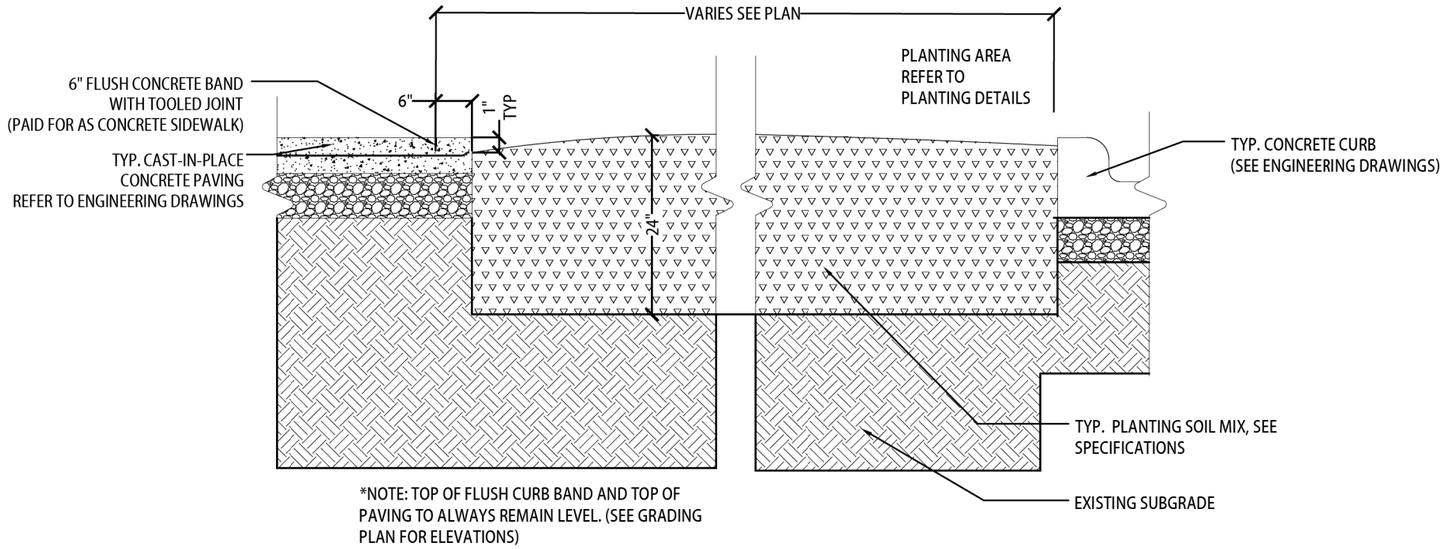
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE, FURNISHING, AND PLANTING DETAILS

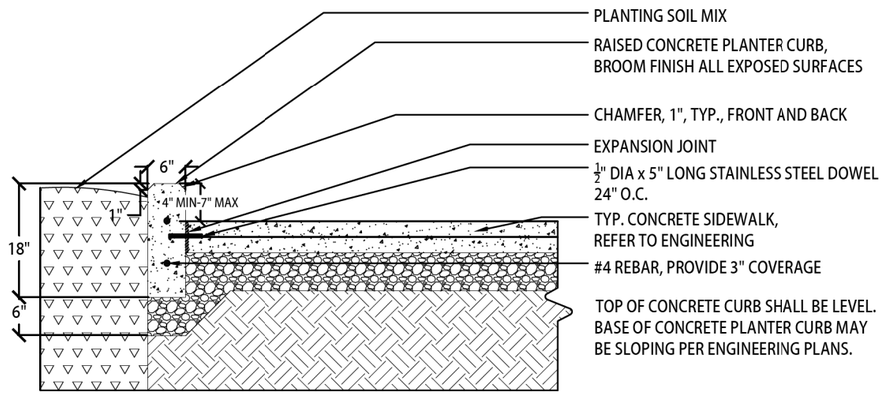
SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	49
		CONTRACT NO. 61L25		
	ILLINOIS FED. AID PROJECT ZZR2(010)			



1 6" FLUSH CONCRETE BAND AND PLANTER
(OCCURS AT INTERSECTION CORNER AREAS)

NTS



2 PLANTER CURB

NTS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

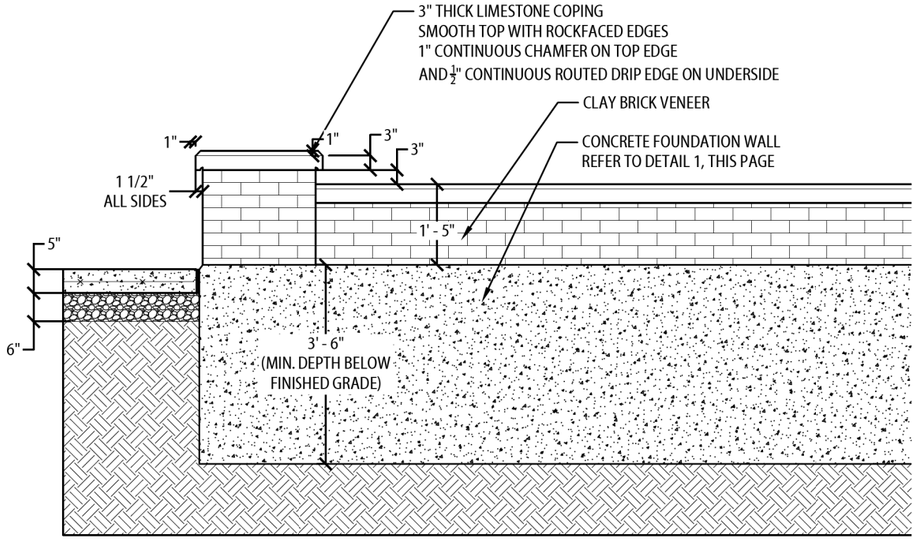
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE, FURNISHING, AND PLANTING DETAILS

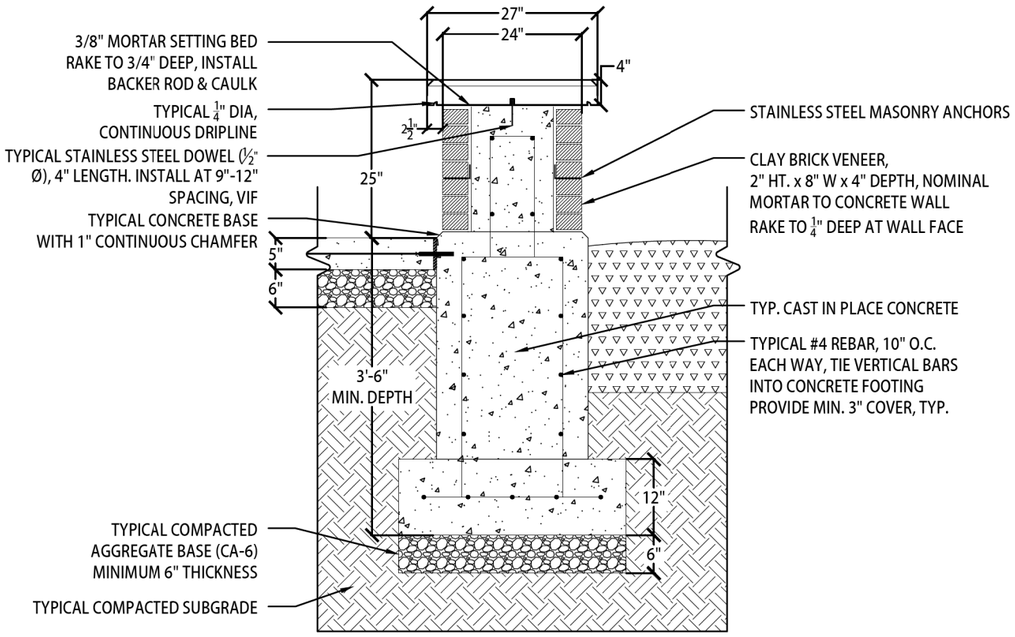
SCALE: | SHEET OF SHEETS | STA. | TO STA.

L-501

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	50
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

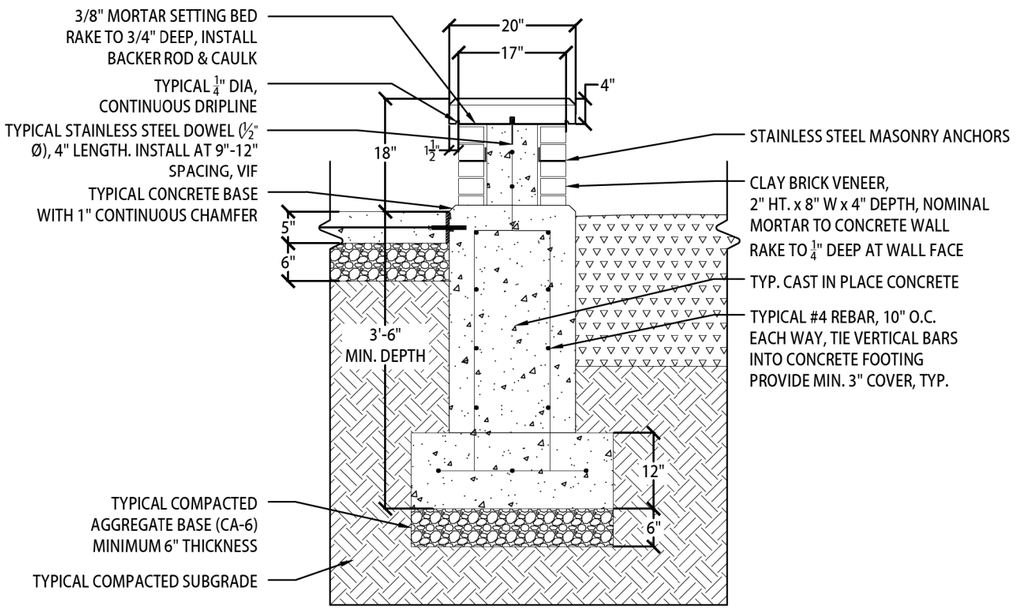


1 MASONRY WALL AND PIER



2 MASONRY PIER

NTS



3 MASONRY WALL

NTS

L-502

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

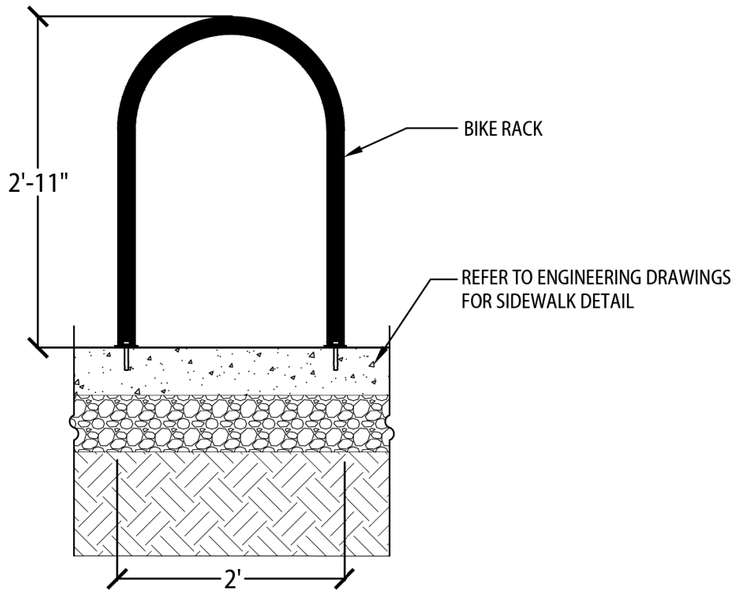
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE, FURNISHING, AND PLANTING DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	51
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



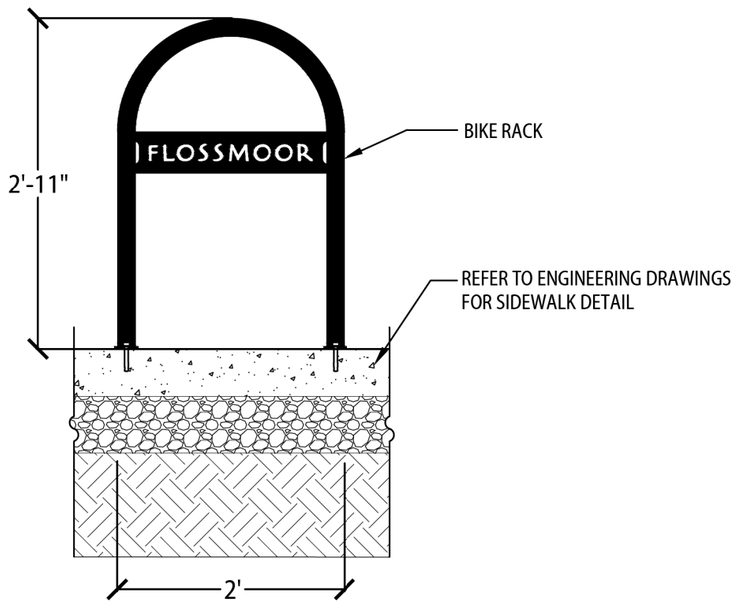
BICYCLE RACKS

MANUFACTURER:	MADRAX
MODEL:	U BIKE RACK SURFACE MOUNT
FINISH/COLOR:	POWDERCOATED BLACK
SIZE:	24" W x 35" HT

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.

1 BICYCLE RACKS

NTS



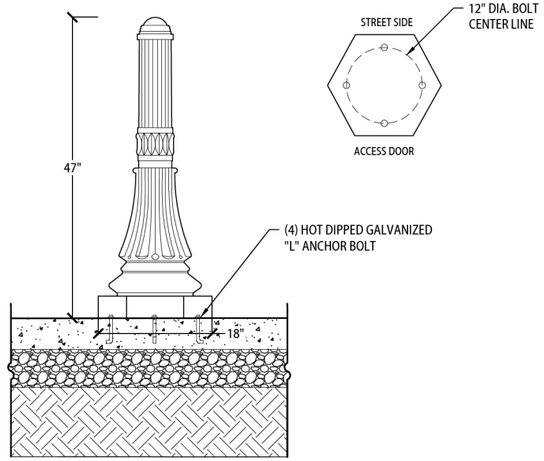
BICYCLE RACKS

MANUFACTURER:	MADRAX
MODEL:	'FLOSSMOOR' U BIKE RACK SURFACE MOUNT
FINISH/COLOR:	POWDERCOATED BLACK
SIZE:	24" W x 35" HT

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.

2 BICYCLE RACKS, FLOSSMOOR BRANDED

NTS



LANDSCAPE BOLLARD

MANUFACTURER:	STERNBERG
MODEL:	3401B GEORGETOWN UNLIT BOLLARD
FINISH/COLOR:	BLACK, TO MATCH EXISTING LIGHT POLES
SIZE:	18" W x 47" HT

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.

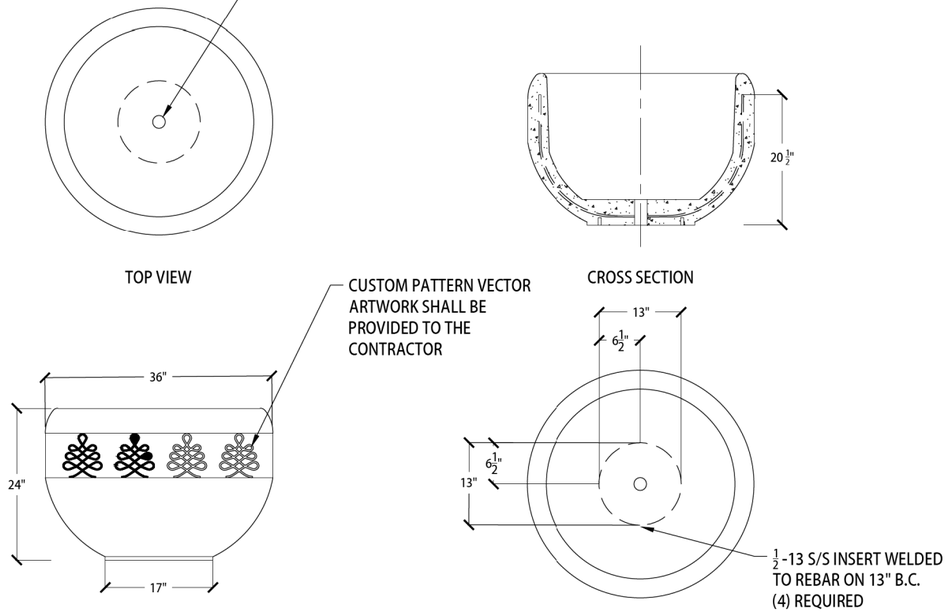
3 LANDSCAPE BOLLARD

NTS

LANDSCAPING PLANTER

MANUFACTURER:	WAUSAU
MODEL:	WESTLAKE PLANTER, TF4220 CUSTOM FLOSSMOOR LOGO BAND
FINISH/COLOR:	TBD
SIZE:	24" W x 36" HT

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.
3. ANNUAL PLANTINGS AND SOILS PROVIDED BY OTHERS



4 LANDSCAPING PLANTER

NTS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL.NAME$
FILE NAME: $FILE$

L-503

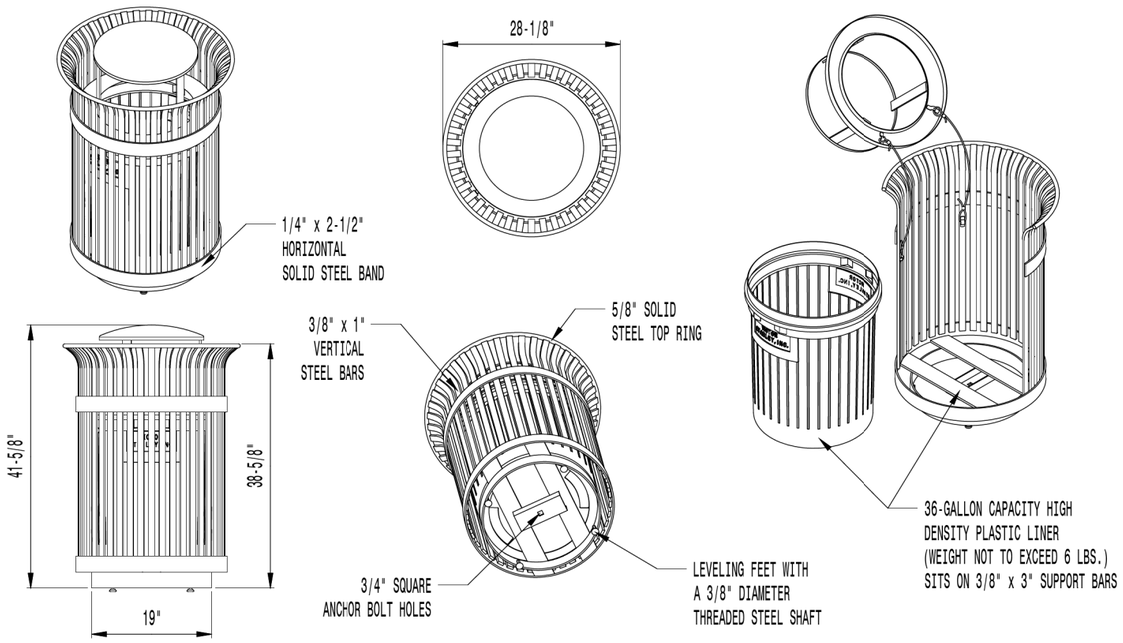
USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE, FURNISHING, AND PLANTING DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	52
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



1 RECYCLING RECEPTACLE, FREESTANDING

NTS

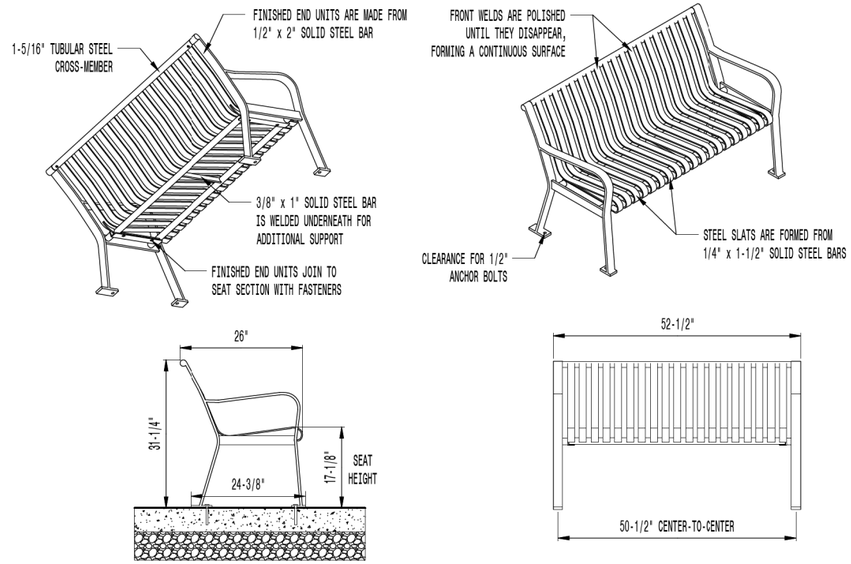
RECYCLING RECEPTACLE

MANUFACTURER:	VICTOR STANLEY
MODEL:	S-42 FREESTANDING
FINISH/COLOR:	POWDERCOATED BLACK
SIZE:	24" W x 41" HT

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.

2 TRASH RECEPTACLE, RELOCATED

NTS



BENCHES, 4' BENCH

MANUFACTURER:	VICTOR STANLEY
MODEL:	RB-28, 4' SURFACE MOUNT
FINISH/COLOR:	POWDERCOATED BLACK
SIZE:	52" W x 32" HT x 26" DP

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.

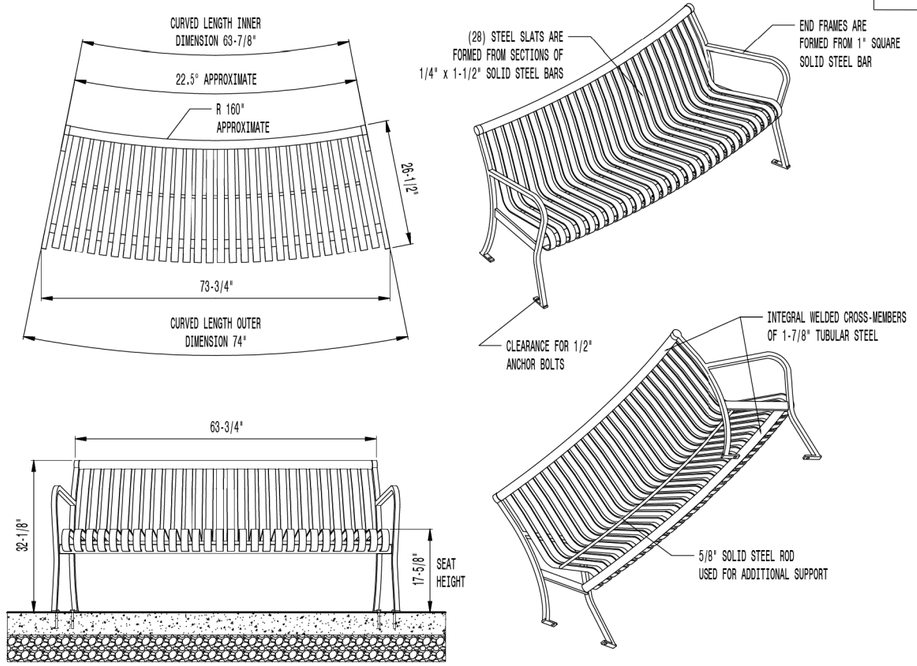
3 BENCHES, 4' BENCH SURFACE MOUNTED TO CONCRETE SIDEWALK

NTS

BENCHES, 6' BENCH, CURVED

MANUFACTURER:	VICTOR STANLEY
MODEL:	PRSO-327, 6' SURFACE MOUNT
FINISH/COLOR:	POWDERCOATED BLACK
SIZE:	74" W x 32" HT x 26" DP

NOTES:
1. ASSEMBLE ACCORDING TO MANUFACTURER INSTALLATION INSTRUCTIONS.
2. PROVIDE SHOP DRAWINGS FOR REVIEW.



4 BENCHES, 6' BENCH, CURVED SURFACE MOUNTED TO CONCRETE SIDEWALK

NTS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$ $PENTBL$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $FILE$
$PLOTTEDBY$ $DATE$ $TIME$
MODEL: $MODEL$NAME$
FILE NAME: $FILE$

teska

USER NAME =	DESIGNED - JTB	REVISED -	
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

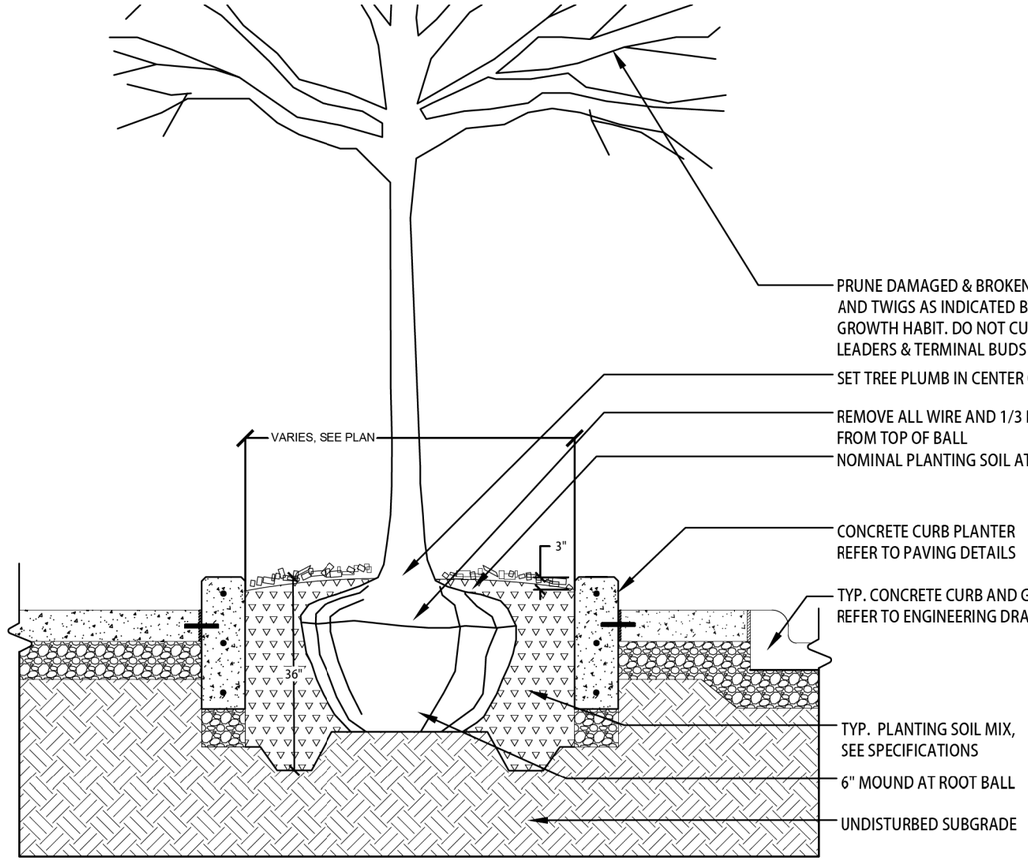
HARDSCAPE, FURNISHING, AND PLANTING DETAILS

SCALE: | SHEET OF SHEETS | STA. TO STA.

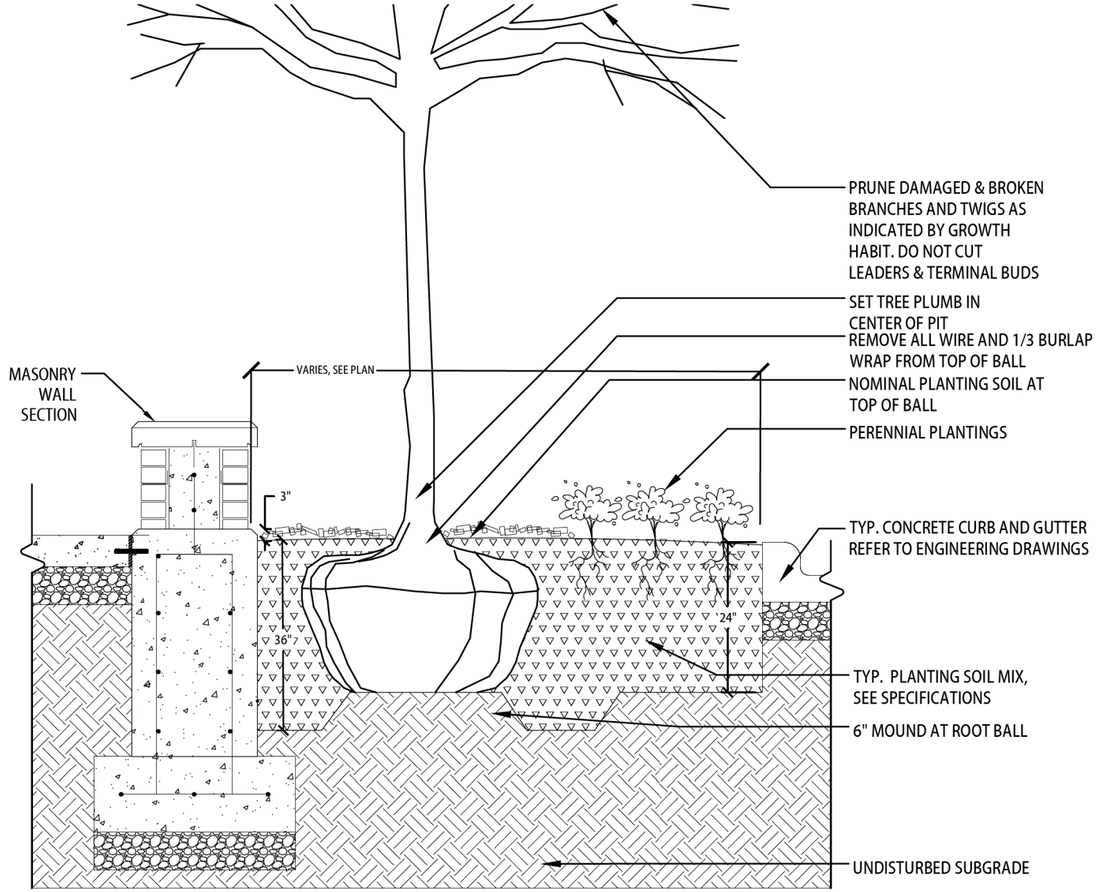
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	53

CONTRACT NO. 61L25
ILLINOIS | FED. AID PROJECT ZZR2(010)

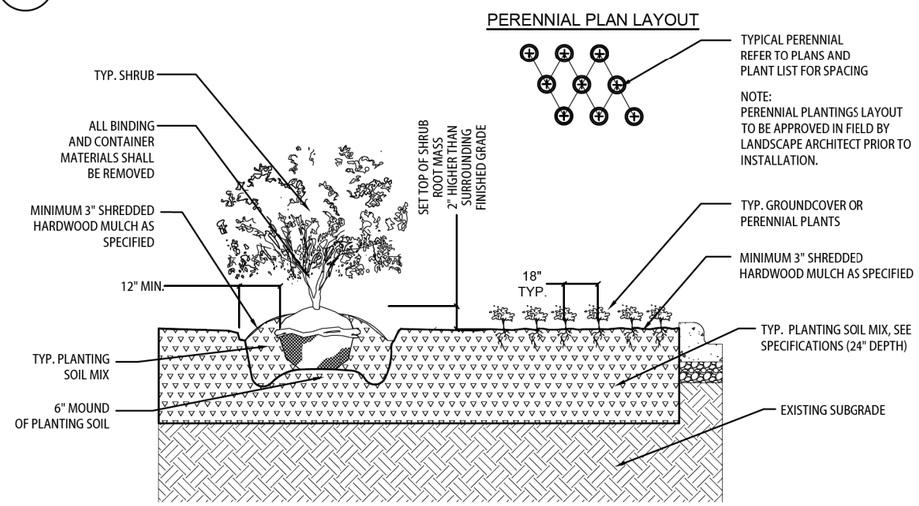
L-504



1 TREE PLANTING IN PLANTER CURB NTS



2 TREE AND PERENNIAL PLANTINGS IN PLANTING BED WITH MASONRY WALL NTS



3 SHRUB AND PERENNIAL PLANTING IN PLANTING BED NTS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRV$
LICENSE NO. - 184-001121 - EXPIRES 4/30/ $YEAR2 $PENTBL$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODEL.NAME$
FILE NAME: $FILE$

teska

USER NAME =	DESIGNED - JTB	REVISED -
	DRAWN - JTB	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	FILE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARDSCAPE, FURNISHING, AND PLANTING DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

L-505

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	54
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	

PLANTING SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING
TREES					
AES	3	Aesculus glabra 'JN Select' / Early Glow™ Ohio Buckeye	2.5" Cal.	B&B	AS SHOWN
CEL	4	Celtis occidentalis / Common Hackberry	2.5" Cal.	B&B	AS SHOWN
GYM	5	Gymnocladus dioicus `Espresso` / Kentucky Coffeetree	2.5" Cal.	B&B	AS SHOWN
QUE	6	Quercus bicolor / Swamp White Oak	2.5" Cal.	B&B	AS SHOWN
ULM	6	Ulmus x `Morton Glossy` / Triumph™ Elm	2.5" Cal.	B&B	AS SHOWN
SHRUBS					
CEA	62	Ceanothus americanus / New Jersey Tea	24" ht.	CG	36" O.C.
DIE	76	Diervilla lonicera / Dwarf Bush Honeysuckle	24" ht.	CG	36" O.C.
HYP	66	Hypericum kalmianum / Kalm St. Johnswort	24" ht.	CG	36" O.C.
PERENNIALS					
ALL	178	Allium cernuum / Nodding Onion	1 gal.	CG	18" O.C.
ASC	165	Asclepias tuberosa / Butterfly Milkweed	1 gal.	CG	18" O.C.
CAR	596	Carex pensylvanica / Pennsylvania Sedge	1 gal.	CG	18" O.C.
ECH	168	Echinacea purpurea `Prairie Splendor` / Prairie Splendor Coneflower	1 gal.	CG	18" O.C.
GER	19	Geranium maculatum / Wild Geranium	1 gal.	CG	18" O.C.
RUD	209	Rudbeckia fulgida 'Blovi' / Viette's Little Suzy Coneflower	1 gal.	CG	18" O.C.
SAL	198	Salvia nemorosa `Rose Marvel` / Rose Marvel Meadow Sage	1 gal.	CG	18" O.C.
SPO	57	Sporobolus heterolepis / Prairie Dropseed	1 gal.	CG	18" O.C.

LANDSCAPE GENERAL NOTES

1. VERIFICATION OF DIMENSIONS AND GRADES, BOTH EXISTING AND PROPOSED, SHALL BE THE CONTRACTOR'S RESPONSIBILITY PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY DISCREPANCIES.
2. ALL SURFACE DRAINAGE SHALL BE DIRECTED AWAY FROM STRUCTURES. SURFACE DRAINAGE SHALL BE DIRECTED TO EXISTING CATCH BASINS DESIGNATED FOR THE COLLECTION OF SURFACE RUN-OFF.
3. PLANT MATERIAL SIZES SHOWN ON PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES. ALL PLANT MATERIAL SHALL BE OF SPECIMEN QUALITY. NO 'PARK GRADE' MATERIAL WILL BE ACCEPTED.
4. ALL PLANT MATERIAL SHALL BE OBTAINED FROM AN APPROVED NORTHERN ILLINOIS NURSERY WITH HEAVY CLAY SOILS.
5. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND APPROVED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI)
6. IF SPECIFIED SPECIES AND/ OR QUALITY OF PLANTS ARE NOT AVAILABLE AT THE TIME OF ORDERING, THE RESIDENT ENGINEER, AT HIS/HER DISCRETION, MAY SUBSTITUTE SIMILAR PLANTS WITH THE SAME WHOLESALE VALUE.
7. ALL PLANTS TO BE BALLED IN BURLAP (B&B) OR CONTAINER GROWN (CG) AS SPECIFIED IN PLANT SCHEDULE. ALL NYLON/PLASTIC/BURLAP ROOT WRAPPING MATERIAL AND METAL WIRE BASKETS SHALL BE REMOVED COMPLETELY AND HAULED AWAY.
8. SOIL TO BE USED FOR THE PLANTING MEDIUM FOR THE PROJECT SHALL BE FERTILE, WELL-DRAINED, OF UNIFORM QUALITY, FREE OF STONES OVER 1" IN DIAMETER, STICKS, OILS, CHEMICALS, PLASTER, CONCRETE AND OTHER DELETERIOUS MATERIAL.
9. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
10. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH THE ACCEPTED INDUSTRY'S STANDARD 'BEST MANAGEMENT PRACTICE' TECHNIQUES AS IDENTIFIED BY THE ILLINOIS LANDSCAPE CONTRACTORS ASSOCIATION (ILCA).
11. THE RESIDENT ENGINEER RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL IN POOR CONDITION/FORM OR NOT INSTALLED ACCORDING TO 'BEST MANAGEMENT PRACTICE' TECHNIQUES.
12. ALL PLANTINGS TO RECEIVE 3" OF SHREDDED HARDWOOD MULCH.
13. CONTRACTOR SHALL WATER PLANTS IMMEDIATELY AFTER PLANTING, FLOODING PLANTS TWICE DURING FIRST TWENTY-FOUR HOURS AFTER PLANTING.
14. ALL ROAD AND WALK SURFACES SHALL BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES.
15. CONTRACTOR SHALL REPAIR IN KIND ANY AREAS DAMAGED AS A RESULT OF LANDSCAPE OPERATIONS. ANY LAWN AREAS DISTURBED ON VILLAGE PROPERTY SHALL BE REPAIRED WITH SODDING, SALT TOLERANT.
16. ALL BEDS (INCLUDING MULCH) SHALL BE CONSTRUCTED TO AN ELEVATION 1-INCH BELOW THE ADJACENT SIDEWALK OR CURB.
17. CONTRACTOR SHALL RESERVE THE (3) EARLYGLOW OHIO BUCKEYES AND (6) SWAMP WHITE OAKS TO BE DUG IN THE SPRING PRIOR TO INSTALLATION IN THE FALL ACCORDING TO THE REQUIREMENTS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM $PLTDRVA$
LICENSE NO. - 184-001121 - EXPIRES 4/30/$YEAR2 $PENTBLA$
$PLOTTEDBY$ $DATE$ $TIME$ $FILE$
MODEL: $MODELNAME$
FILE NAME: $FILE$

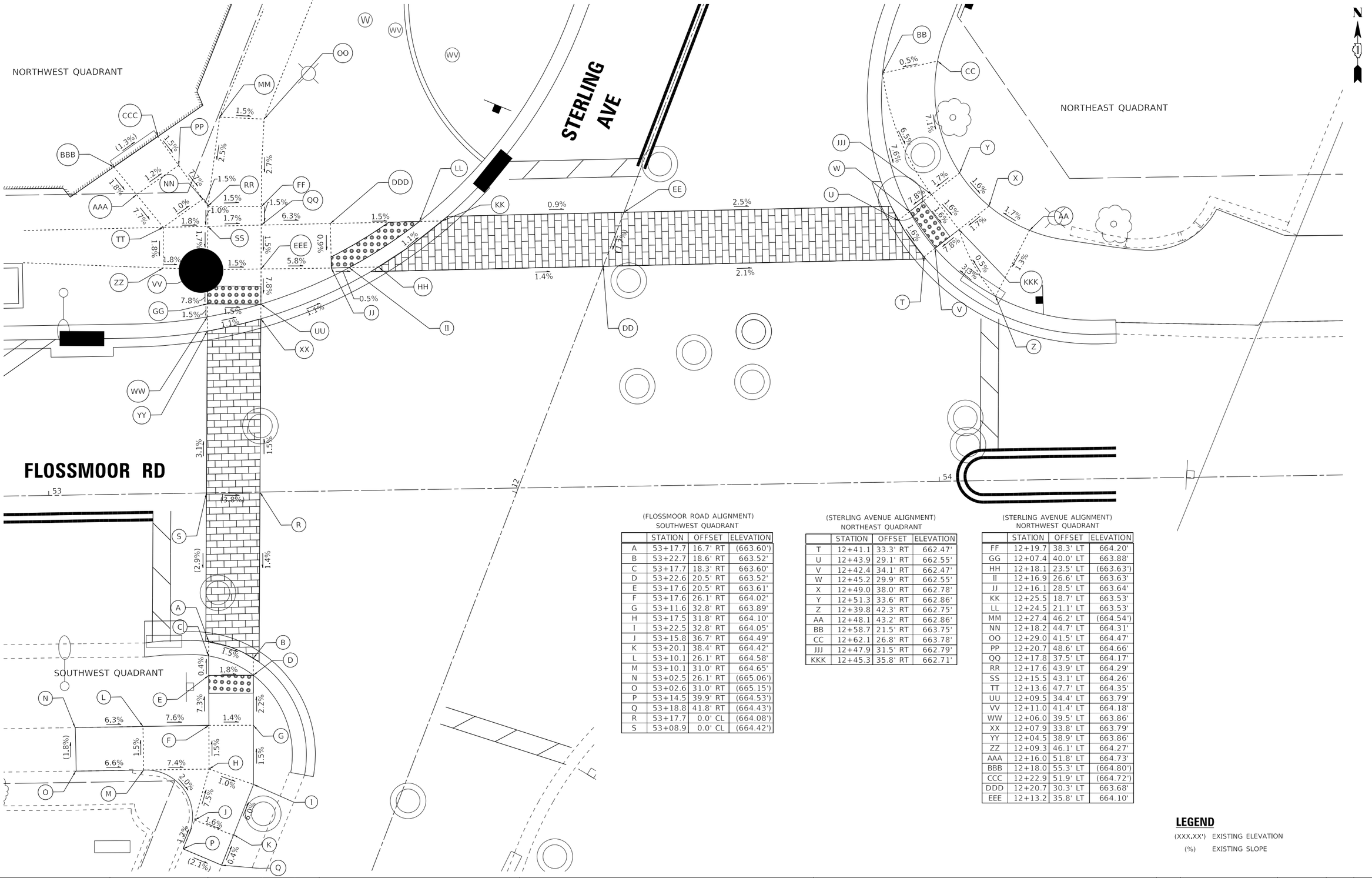
L-506

USER NAME =	DESIGNED - JTB	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN - JTB	REVISED -	
PLOT SCALE =	CHECKED -	REVISED -	
PLOT DATE =	DATE -	FILE -	

HARDSCAPE, FURNISHING, AND PLANTING DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	55
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



(FLOSSMOOR ROAD ALIGNMENT)
SOUTHWEST QUADRANT

	STATION	OFFSET	ELEVATION
A	53+17.7	16.7' RT	(663.60')
B	53+22.7	18.6' RT	663.52'
C	53+17.7	18.3' RT	663.60'
D	53+22.6	20.5' RT	663.52'
E	53+17.6	20.5' RT	663.61'
F	53+17.6	26.1' RT	664.02'
G	53+11.6	32.8' RT	663.89'
H	53+17.5	31.8' RT	664.10'
I	53+22.5	32.8' RT	664.05'
J	53+15.8	36.7' RT	664.49'
K	53+20.1	38.4' RT	664.42'
L	53+10.1	26.1' RT	664.58'
M	53+10.1	31.0' RT	664.65'
N	53+02.5	26.1' RT	(665.06')
O	53+02.6	31.0' RT	(665.15')
P	53+14.5	39.9' RT	(664.53')
Q	53+18.8	41.8' RT	(664.43')
R	53+17.7	0.0' CL	(664.08')
S	53+08.9	0.0' CL	(664.42')

(STERLING AVENUE ALIGNMENT)
NORTHEAST QUADRANT

	STATION	OFFSET	ELEVATION
T	12+41.1	33.3' RT	662.47'
U	12+43.9	29.1' RT	662.55'
V	12+42.4	34.1' RT	662.47'
W	12+45.2	29.9' RT	662.55'
X	12+49.0	38.0' RT	662.78'
Y	12+51.3	33.6' RT	662.86'
Z	12+39.8	42.3' RT	662.75'
AA	12+48.1	43.2' RT	662.86'
BB	12+58.7	21.5' RT	663.75'
CC	12+62.1	26.8' RT	663.78'
JJJ	12+47.9	31.5' RT	662.79'
KKK	12+45.3	35.8' RT	662.71'

(STERLING AVENUE ALIGNMENT)
NORTHWEST QUADRANT

	STATION	OFFSET	ELEVATION
FF	12+19.7	38.3' LT	664.20'
GG	12+07.4	40.0' LT	663.88'
HH	12+18.1	23.5' LT	(663.63')
II	12+16.9	26.6' LT	663.63'
JJ	12+16.1	28.5' LT	663.64'
KK	12+25.5	18.7' LT	663.53'
LL	12+24.5	21.1' LT	663.53'
MM	12+27.4	46.2' LT	(664.54')
NN	12+18.2	44.7' LT	664.31'
OO	12+29.0	41.5' LT	664.47'
PP	12+20.7	48.6' LT	664.66'
QQ	12+17.8	37.5' LT	664.17'
RR	12+17.6	43.9' LT	664.29'
SS	12+15.5	43.1' LT	664.26'
TT	12+13.6	47.7' LT	664.35'
UU	12+09.5	34.4' LT	663.79'
VV	12+11.0	41.4' LT	664.18'
WW	12+06.0	39.5' LT	663.86'
XX	12+07.9	33.8' LT	663.79'
YY	12+04.5	38.9' LT	663.86'
ZZ	12+09.3	46.1' LT	664.27'
AAA	12+16.0	51.8' LT	664.73'
BBB	12+18.0	55.3' LT	(664.80')
CCC	12+22.9	51.9' LT	(664.72')
DDD	12+20.7	30.3' LT	663.68'
EEE	12+13.2	35.8' LT	664.10'

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ADA_01.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 1 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	56
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

SEE SHT. NO. 58 FOR CONTINUATION

	STATION	OFFSET	ELEVATION
CC	30+59.5	7.0' RT	672.98'
DD	30+53.5	7.0' RT	672.94'
EE	30+59.5	0.0' CL	672.91'
FF	30+53.5	0.0' CL	672.87'
GG	30+59.5	16.7' LT	672.58'
HH	30+53.4	16.0' LT	672.55'
II	30+59.5	18.4' LT	672.58'
JJ	30+53.4	17.6' LT	672.55'
KK	30+67.0	33.2' LT	672.50'
LL	30+66.1	27.2' LT	672.58'
MM	30+65.4	33.2' LT	672.50'
NN	30+64.5	27.2' LT	672.58'
OO	30+57.4	34.3' LT	672.34'
PP	30+56.5	28.3' LT	672.34'
QQ	30+50.0	29.2' LT	672.29'
RR	30+55.9	36.5' LT	672.30'
SS	30+48.4	31.9' LT	672.28'
TT	30+50.4	44.6' LT	672.27'
UU	30+43.3	40.2' LT	672.23'
VV	30+47.7	48.6' LT	672.29'
WW	30+41.7	42.8' LT	672.21'
XX	30+42.7	49.3' LT	(672.31')

	STATION	OFFSET	ELEVATION
T	15+53.6	6.4' LT	672.78'
U	15+59.6	12.0' LT	672.83'
V	15+53.6	12.0' LT	672.81'
W	15+61.3	19.6' LT	673.03'
X	15+55.7	20.9' LT	672.98'
Y	17+32.4	20.0' LT	673.06'
Z	17+32.4	16.0' LT	673.01'
AA	15+71.6	22.8' LT	673.25'
BB	17+32.4	21.9' LT	673.21'

	STATION	OFFSET	ELEVATION
A	15+53.7	14.0' RT	672.59'
B	15+59.7	14.0' RT	672.62'
C	15+53.7	15.6' RT	672.59'
D	15+59.7	15.6' RT	672.62'
E	15+53.7	25.1' RT	672.83'
F	15+61.3	25.0' RT	672.91'
G	15+53.7	30.6' RT	672.89'
H	15+62.3	30.6' RT	(672.94')
I	15+61.7	15.6' RT	672.80'
J	15+67.0	24.8' RT	673.00'
K	15+67.2	30.6' RT	(673.09')
L	15+77.7	24.6' RT	673.21'
M	15+77.7	30.6' RT	673.29'
N	15+51.7	15.6' RT	672.77'
O	15+35.2	25.6' RT	672.98'
P	15+35.2	32.3' RT	673.02'
Q	15+59.6	0.0' CL	672.76'
R	15+53.6	0.0' CL	672.73'
S	15+59.6	6.4' LT	672.81'
T	15+53.6	6.4' LT	672.78'

CENTRAL DR

℄ CENTRAL DRIVE STA. 64+08
℄ PARK DRIVE STA. 30+69

64

PARK DRIVE

STERLING AVE

40+00.16

N

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
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BAXTER & WOODMAN Consulting Engineers

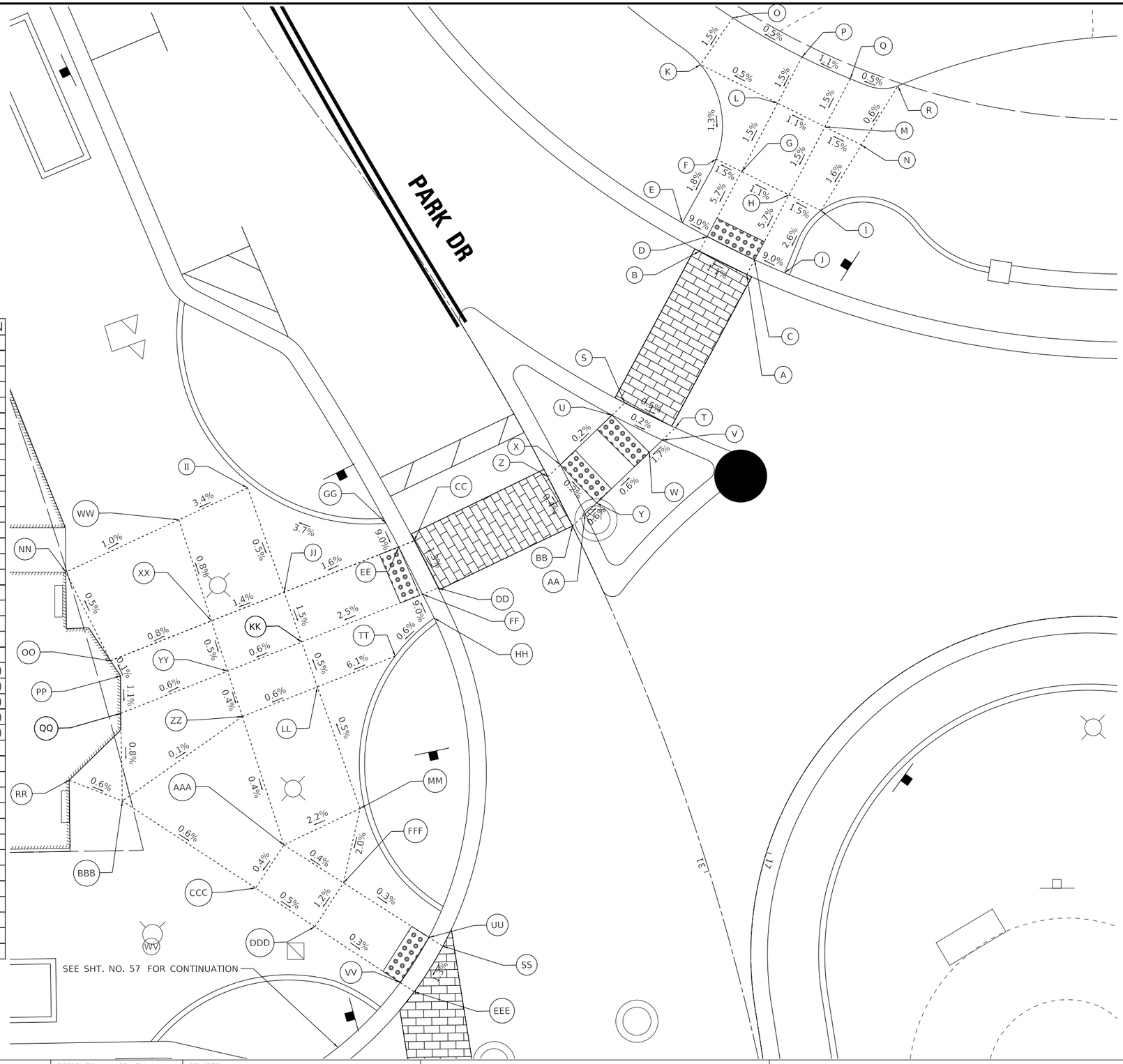
USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ADA_02.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 2 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	57
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



	STATION	OFFSET	ELEVATION
A	31+47.8	25.7' RT	672.71'
B	31+51.6	22.9' RT	672.66'
C	31+48.6	27.0' RT	672.71'
D	31+52.3	24.2' RT	672.66'
E	31+54.4	22.8' RT	672.88'
F	31+57.6	28.7' RT	673.01'
G	31+55.6	30.2' RT	673.04'
H	31+51.9	32.9' RT	673.09'
I	31+49.5	34.8' RT	673.14'
J	31+46.4	28.9' RT	672.97'
K	31+64.9	32.3' RT	673.11'
L	31+58.8	36.5' RT	673.15'
M	31+55.2	39.1' RT	673.20'
N	31+52.4	41.2' RT	673.25'
O	31+66.6	37.3' RT	673.19'
P	31+60.9	40.7' RT	673.22'
Q	31+57.2	43.3' RT	673.27'
R	31+54.9	47.0' RT	673.29'

	STATION	OFFSET	ELEVATION
S	31+43.1	9.7' RT	673.26'
T	31+39.0	12.9' RT	673.23'
U	31+42.7	8.1' RT	673.26'
V	31+38.5	11.2' RT	673.25'
W	31+38.1	9.6' RT	673.22'
X	31+40.4	1.6' RT	673.25'
Y	31+42.7	3.0' RT	673.26'
Z	31+38.5	0.0' CL	673.25'
AA	31+35.6	1.6' RT	673.26'
BB	31+35.5	0.0' CL	673.26'
CC	31+40.8	14.0' LT	672.97'
DD	31+35.5	14.0' LT	673.00'
EE	31+41.0	15.6' LT	672.97'
FF	31+35.6	0.0' LT	673.00'
GG	31+43.7	15.6' LT	673.21'
HH	31+32.9	15.6' LT	673.24'
II	31+54.0	25.3' LT	672.84'
JJ	31+42.4	27.2' LT	672.78'
KK	31+36.7	27.8' LT	672.69'
LL	31+31.6	29.4' LT	672.67'
MM	31+17.7	29.2' LT	672.74'
NN	31+56.5	44.2' LT	(672.71')
OO	31+44.8	44.7' LT	(672.76')
PP	31+42.7	44.6' LT	(672.76')
QQ	31+38.8	46.1' LT	(672.71')
RR	31+34.2	53.4' LT	(672.69')
SS	31+00.0	26.2' LT	672.54'
TT	31+31.1	20.5' LT	673.21'
UU	31+02.0	27.2' LT	672.54'
VV	30+98.2	31.0' LT	672.48'
WW	31+54.9	32.5' LT	672.59'
XX	31+43.3	34.5' LT	672.68'
YY	31+37.5	35.3' LT	672.65'
ZZ	31+32.2	36.0' LT	672.63'
AAA	31+17.0	37.2' LT	672.57'
BBB	31+27.9	49.0' LT	672.64'
CCC	31+13.6	41.1' LT	672.55'
DDD	31+07.1	37.1' LT	672.51'
EEE	30+96.9	30.0' LT	672.48'
FFF	31+10.7	33.2' LT	672.57'

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
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BAXTER & WOODMAN Consulting Engineers

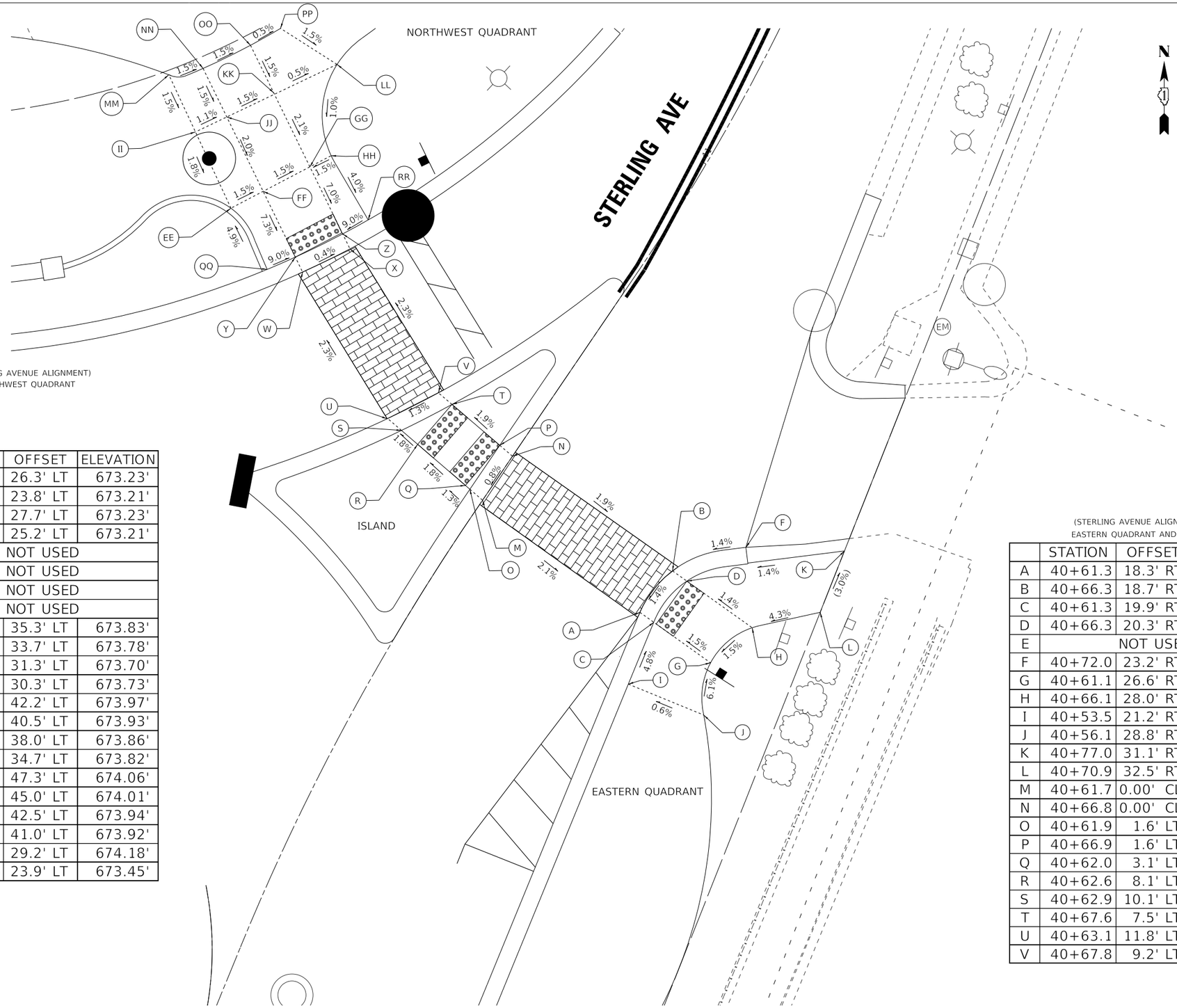
USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ADA_04.dgn	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 3 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	58
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



	STATION	OFFSET	ELEVATION
W	40+70.0	26.3' LT	673.23'
X	40+74.4	23.8' LT	673.21'
Y	40+78.8	27.7' LT	673.23'
Z	40+75.1	25.2' LT	673.21'
AA	NOT USED		
BB	NOT USED		
CC	NOT USED		
DD	NOT USED		
EE	40+71.2	35.3' LT	673.83'
FF	40+74.2	33.7' LT	673.78'
GG	40+78.6	31.3' LT	673.70'
HH	40+80.7	30.3' LT	673.73'
II	40+75.3	42.2' LT	673.97'
JJ	40+78.1	40.5' LT	673.93'
KK	40+82.4	38.0' LT	673.86'
LL	40+88.3	34.7' LT	673.82'
MM	40+78.3	47.3' LT	674.06'
NN	40+80.7	45.0' LT	674.01'
OO	40+85.0	42.5' LT	673.94'
PP	40+88.1	41.0' LT	673.92'
QQ	40+68.3	29.2' LT	674.18'
RR	40+77.6	23.9' LT	673.45'

(STERLING AVENUE ALIGNMENT)
EASTERN QUADRANT AND ISLAND

	STATION	OFFSET	ELEVATION
A	40+61.3	18.3' RT	673.40'
B	40+66.3	18.7' RT	673.47'
C	40+61.3	19.9' RT	673.40'
D	40+66.3	20.3' RT	673.47'
E	NOT USED		
F	40+72.0	23.2' RT	673.57'
G	40+61.1	26.6' RT	60.92'
H	40+66.1	28.0' RT	673.58'
I	40+53.5	21.2' RT	673.78'
J	40+56.1	28.8' RT	(673.83')
K	40+77.0	31.1' RT	(673.68')
L	40+70.9	32.5' RT	(673.86')
M	40+61.7	0.00' CL	673.78'
N	40+66.8	0.00' CL	673.82'
O	40+61.9	1.6' LT	673.78'
P	40+66.9	1.6' LT	673.82'
Q	40+62.0	3.1' LT	673.76'
R	40+62.6	8.1' LT	673.67'
S	40+62.9	10.1' LT	673.63'
T	40+67.6	7.5' LT	673.70'
U	40+63.1	11.8' LT	673.63'
V	40+67.8	9.2' LT	673.70'

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
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BAXTER & WOODMAN Consulting Engineers

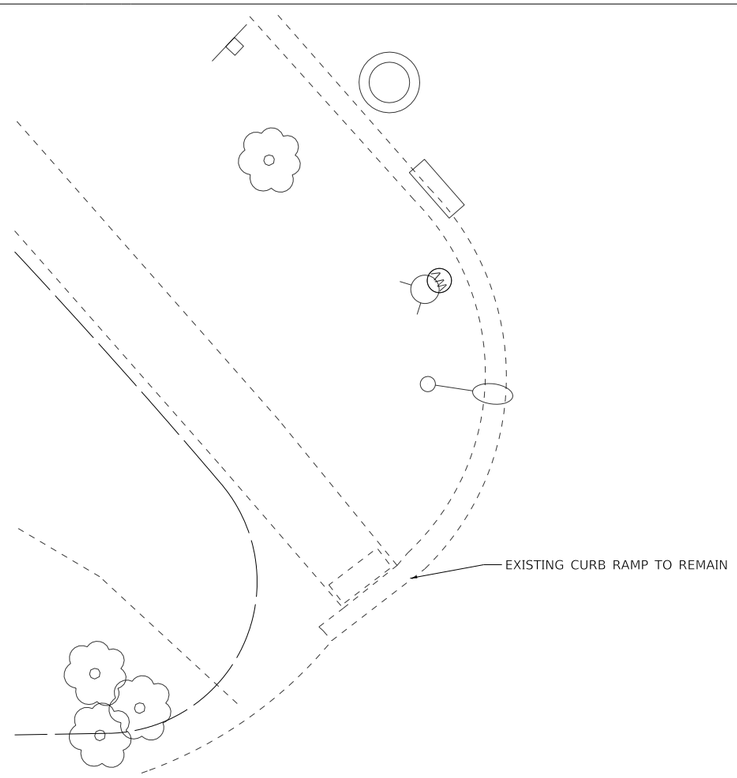
USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -	
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ADA_03.dgn	

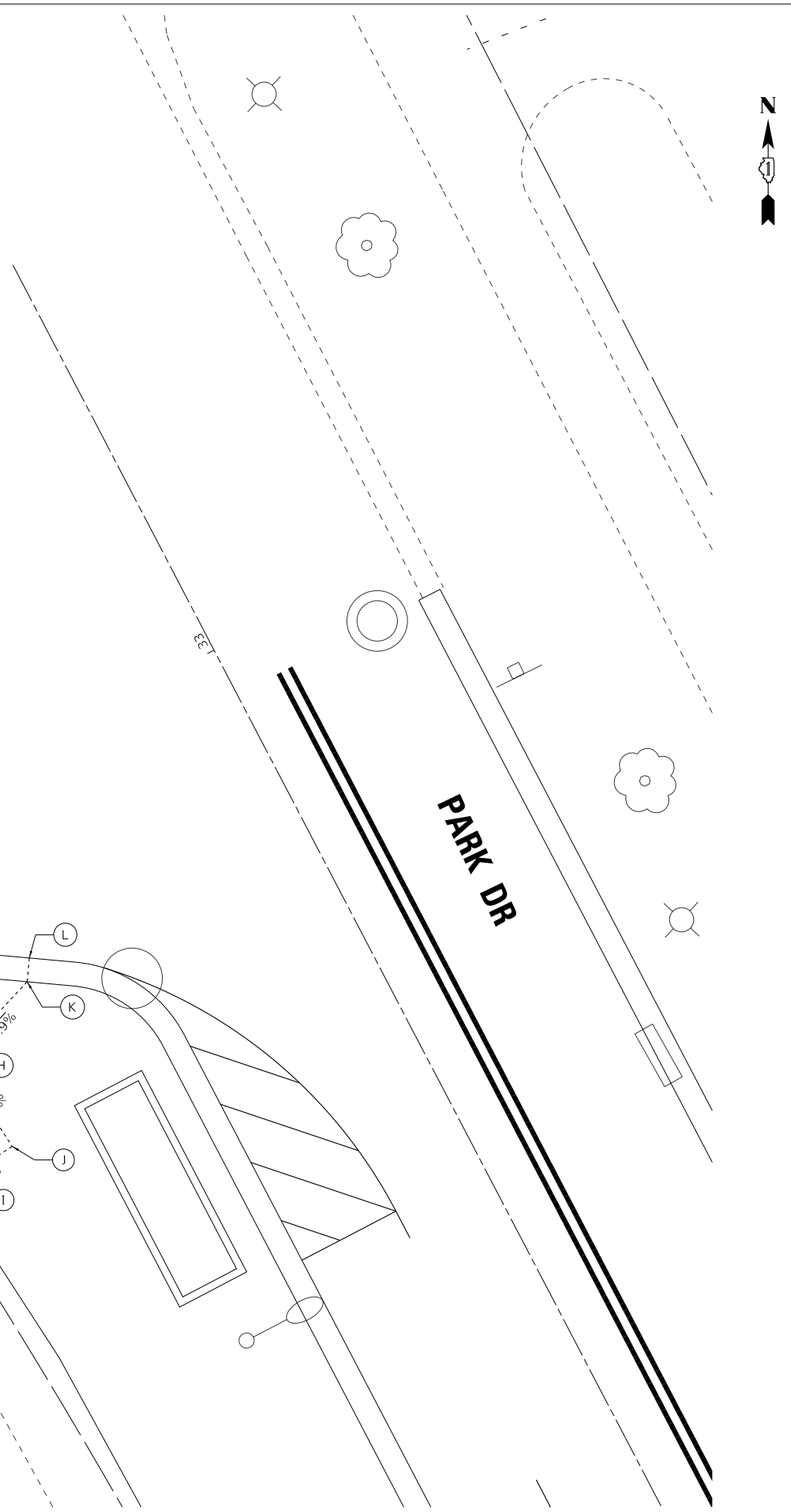
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 4 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	59
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		





	STATION	OFFSET	ELEVATION
A	32+97.7	34.2' LT	(671.48')
B	32+93.0	28.3' LT	671.44'
C	32+94.6	33.9' LT	671.48'
D	32+91.1	28.3' LT	671.44'
E	32+90.3	33.3' LT	671.52'
F	32+89.0	28.1' LT	671.47'
G	32+83.4	32.5' LT	(671.79')
H	32+84.0	27.6' LT	671.72'
I	32+76.4	31.9' LT	(671.90')
J	32+77.0	27.0' LT	671.83'
K	32+86.8	21.8' LT	671.84'
L	32+88.2	21.0' LT	671.40'

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers

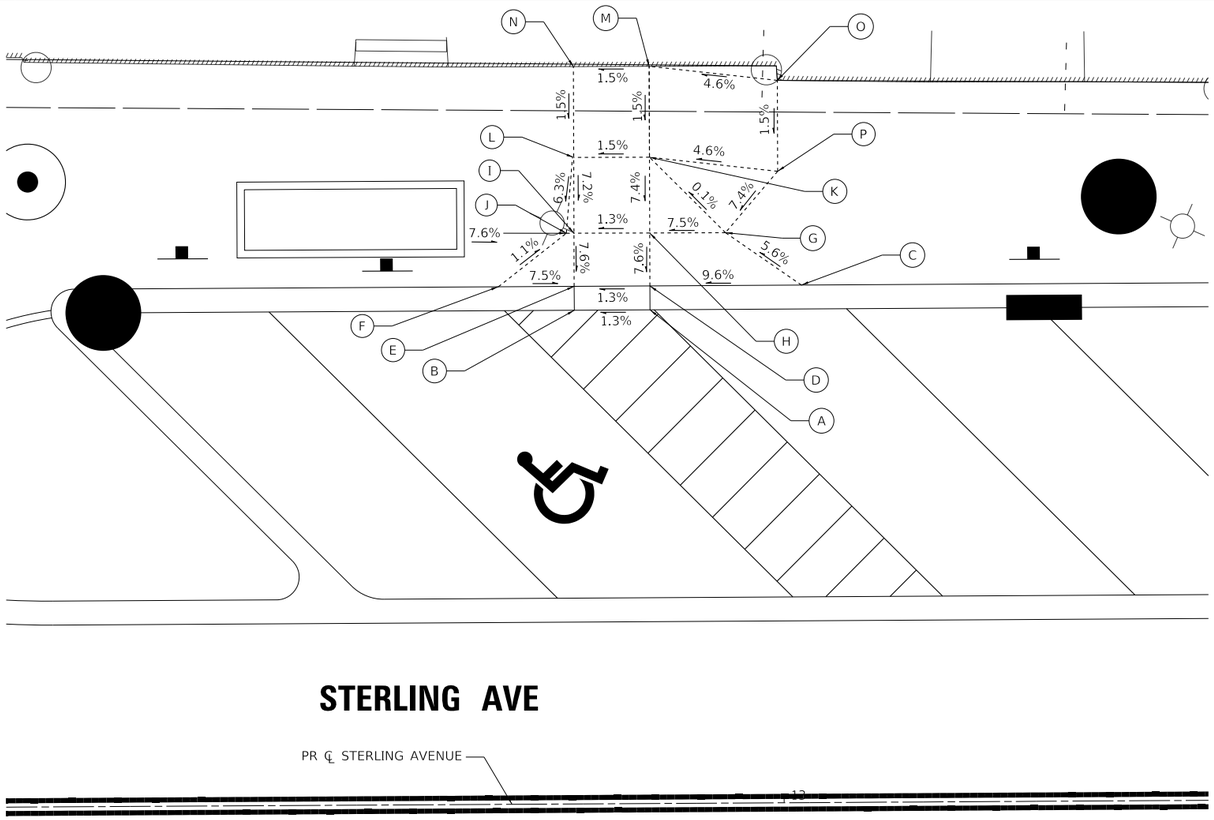
USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ADA_05.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

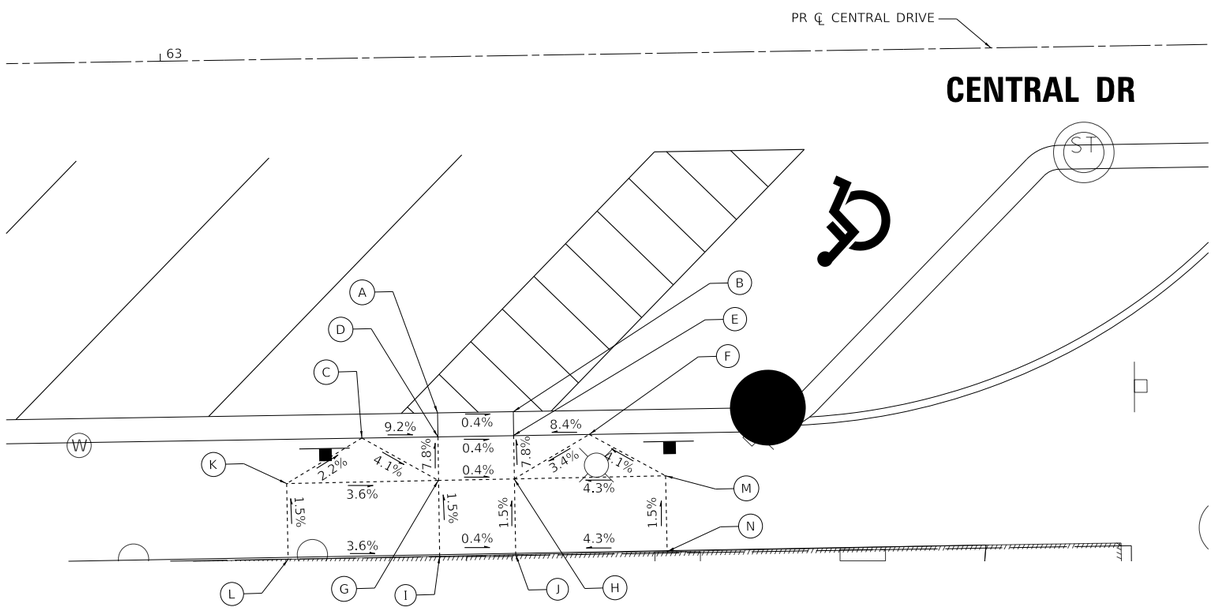
ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 5 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	60
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



	STATION	OFFSET	ELEVATION
A	12+91.3	32.6' LT	664.95'
B	12+86.3	32.6' LT	664.88'
C	13+01.3	34.2' LT	665.91'
D	12+91.3	34.2' LT	664.95'
E	12+86.3	34.2' LT	664.88'
F	12+81.3	34.2' LT	665.26'
G	12+96.3	37.6' LT	665.59'
H	12+91.3	37.7' LT	665.21'
I	12+86.4	37.7' LT	665.15'
J	12+85.8	37.7' LT	665.20'
K	12+91.4	42.7' LT	665.58'
L	12+86.3	42.7' LT	665.51'
M	12+91.4	48.7' LT	665.68'
N	12+86.4	48.7' LT	(665.60')
O	12+99.8	47.7' LT	(666.07')
P	12+99.8	41.7' LT	665.98'



	STATION	OFFSET	ELEVATION
A	63+17.9	23.5' RT	671.62'
B	63+22.9	23.5' RT	671.60'
C	63+12.9	25.1' RT	672.08'
D	63+17.9	25.1' RT	671.62'
E	63+22.9	25.1' RT	671.60'
F	63+28.0	25.1' RT	672.02'
G	63+17.9	28.0' RT	671.84'
H	63+22.9	27.9' RT	671.82'
I	63+17.9	33.0' RT	671.92'
J	63+22.9	32.9' RT	671.91'
K	63+07.9	28.0' RT	672.20'
L	63+07.9	33.0' RT	(672.28')
M	63+32.9	27.9' RT	672.26'
N	63+32.9	32.9' RT	(672.33')

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -	
	DRAWN - MJO	REVISED -	
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -	
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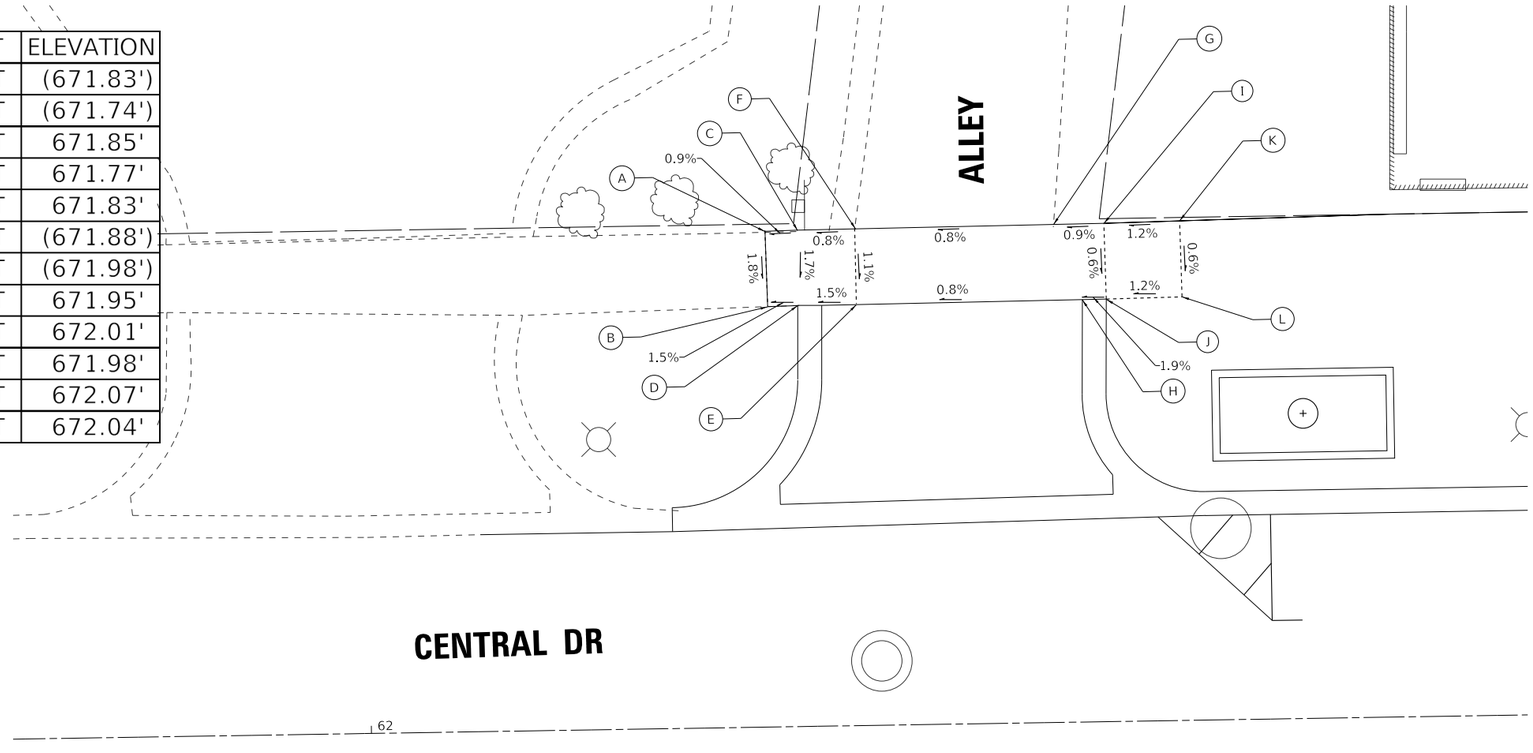
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

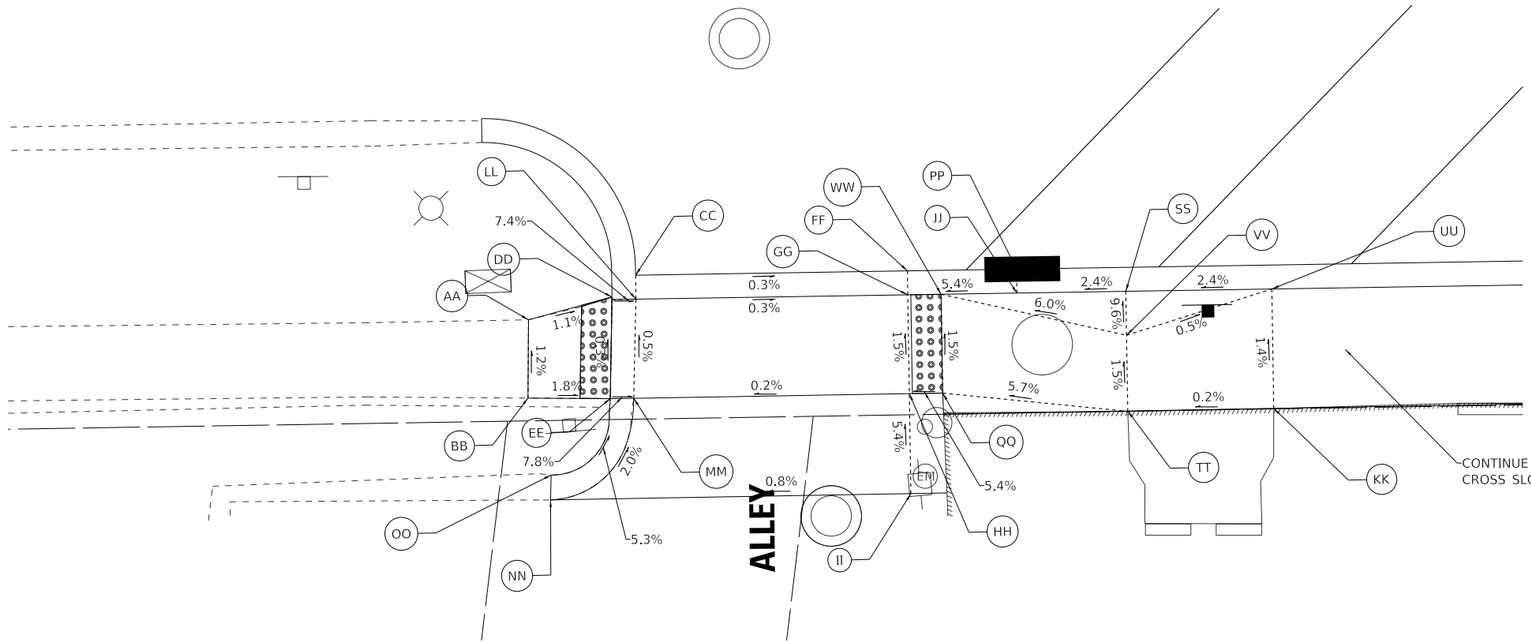
ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 6 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	61
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		

	STATION	OFFSET	ELEVATION
A	62+26.5	32.7' LT	(671.83')
B	62+26.6	27.8' LT	(671.74')
C	62+28.7	32.7' LT	671.85'
D	62+28.6	27.8' LT	671.77'
E	62+32.5	27.8' LT	671.83'
F	62+32.4	32.7' LT	(671.88')
G	62+45.6	32.9' LT	(671.98')
H	62+47.4	27.9' LT	671.95'
I	62+48.9	32.9' LT	672.01'
J	62+49.0	27.9' LT	671.98'
K	62+53.9	33.0' LT	672.07'
L	62+54.0	28.0' LT	672.04'





CONTINUE SIDEWALK AT 1.5%
CROSS SLOPE: SEE PLAN & PROFILE

	STATION	OFFSET	ELEVATION
AA	62+10.3	26.3' RT	(671.49')
BB	62+10.2	31.5' RT	(671.55')
CC	62+17.4	23.5' RT	671.31'
DD	62+15.8	24.9' RT	671.43'
EE	62+15.8	31.6' RT	671.45'
FF	62+35.3	23.5' RT	671.26'
GG	62+35.3	25.1' RT	671.26'
HH	62+35.3	31.6' RT	671.35'
II	62+35.3	38.2' RT	671.71'
JJ	62+42.5	25.1' RT	671.68'
KK	62+59.4	33.0' RT	(672.19')
LL	62+17.4	25.1' RT	671.31'
MM	62+17.1	31.6' RT	671.34'
NN	62+11.5	38.2' RT	(671.52')
OO	62+11.6	36.6' RT	(671.79')
PP	62+42.5	23.5' RT	671.24'
QQ	62+37.5	31.6' RT	671.47'
RR	NOT USED		
SS	62+49.7	25.1' RT	671.85'
TT	62+49.7	33.0' RT	672.17'
UU	62+59.4	25.1' RT	672.08'
VV	62+49.7	28.0' RT	672.13'
WW	62+37.5	25.1' RT	671.38'

LEGEND

(XXX.XX') EXISTING ELEVATION

(%) EXISTING SLOPE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN Consulting Engineers

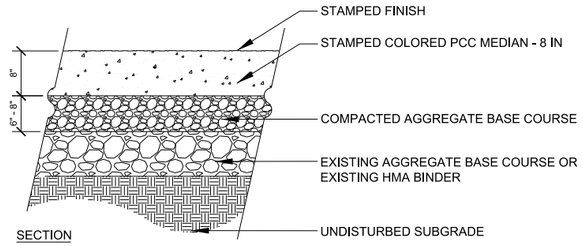
USER NAME = rvargas	DESIGNED - CB/KRK	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 5.0000 ' / in.	CHECKED - GJF	REVISED -
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-ADA_06.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS

SCALE: 1" =5' | SHEET 7 OF 7 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	62
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



SECTION

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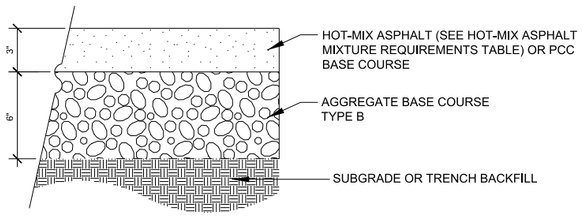

SECTION

(CONTRACTOR HAS THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT)

NOTES:

1. AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF TEMPORARY PAVEMENT.
2. REMOVAL OF TEMPORARY PAVEMENT, INCLUDED IN COST OF PAVEMENT REMOVAL.
3. REMOVAL OF AGGREGATE BASE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PAVEMENT REMOVAL.
4. IF THE CONTRACTOR CHOOSES TO USE CONCRETE FOR TEMPORARY PAVEMENT, THE PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQURE DOWEL BARS.

TEMPORARY PAVEMENT

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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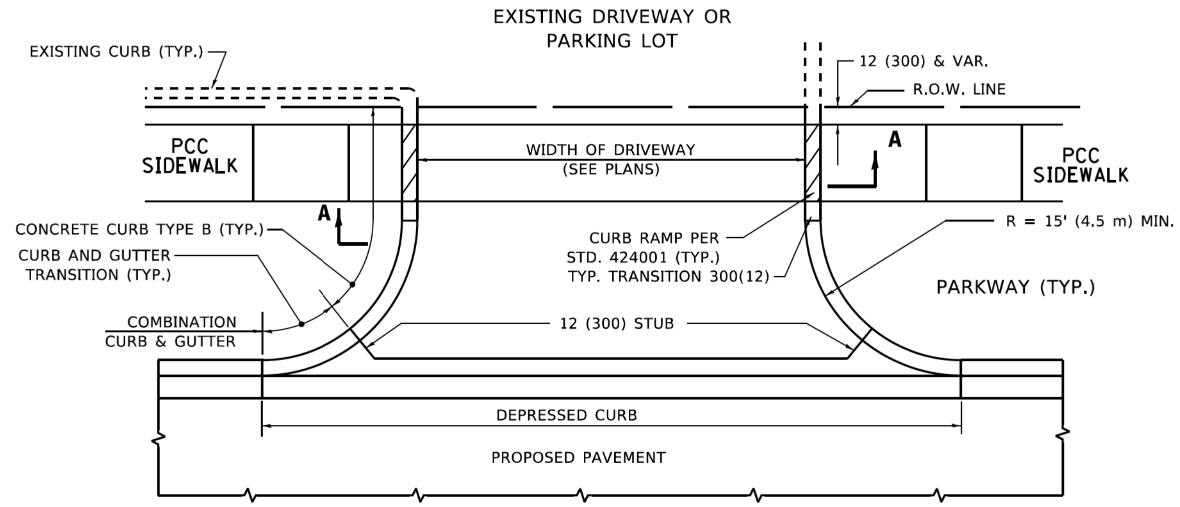
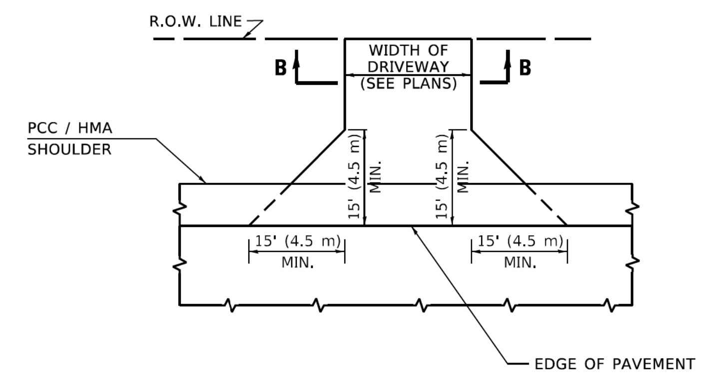
BAXTER & WOODMAN Consulting Engineers	USER NAME = rvargas	DESIGNED - GJF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS
		DRAWN - MJO	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - JDM	REVISED -		SCALE: / SHEET 1 OF 1 SHEETS / STA. / TO STA.
	PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-MiscDetails_01.dgn		

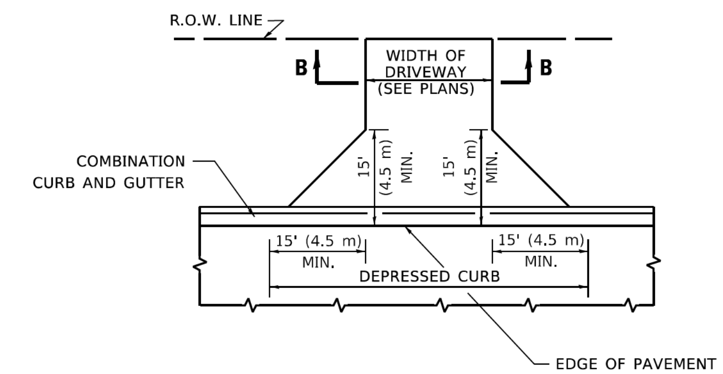
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	63
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



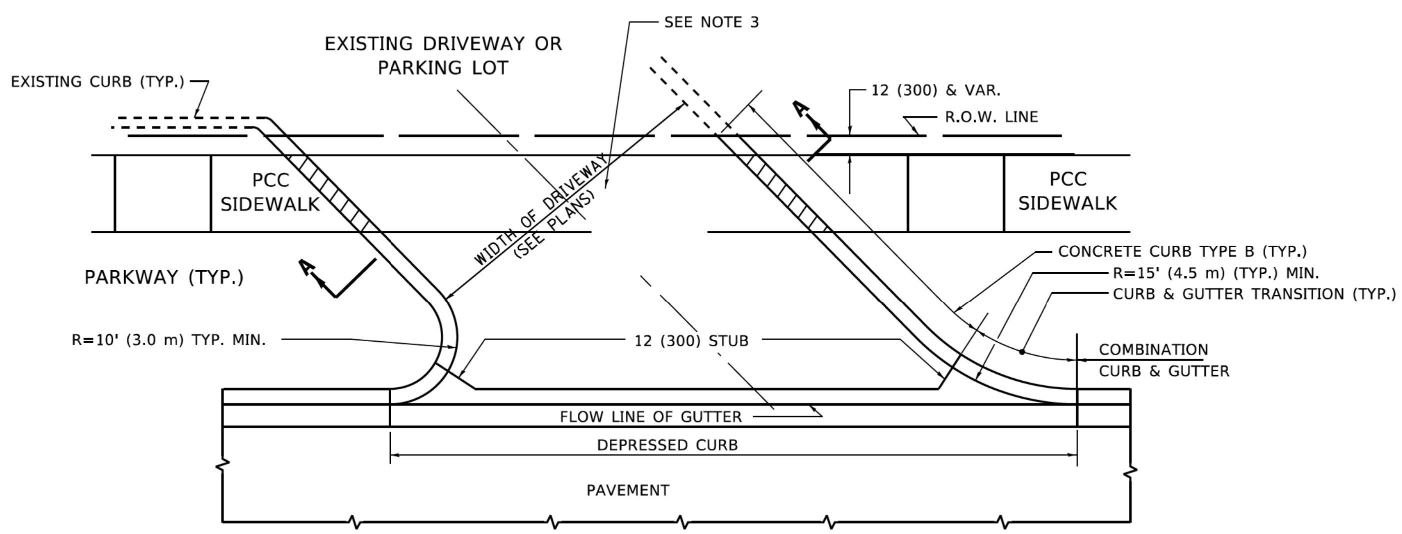
WITH CONCRETE CURB, TYPE B



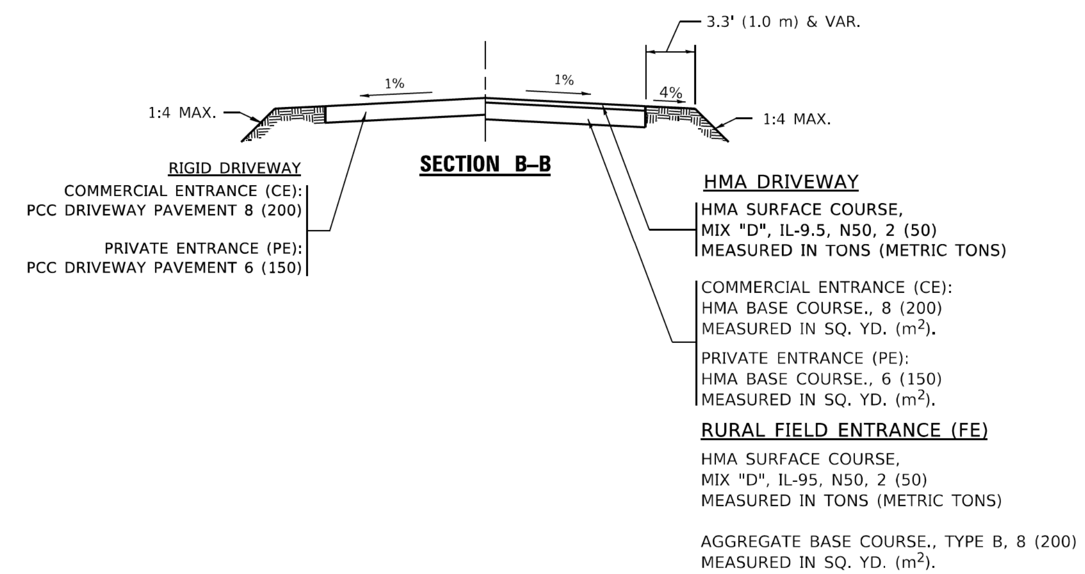
ADJACENT TO PCC /HMA SHOULDER

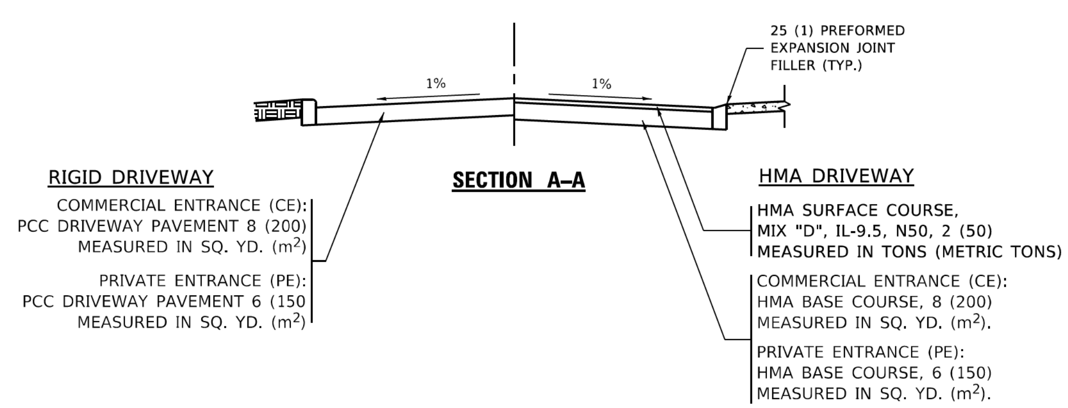


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08	
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19	
PLOT DATE = 11/18/2022	DATE - 11-04-95	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	64
BD400–01 (BD–01)		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		

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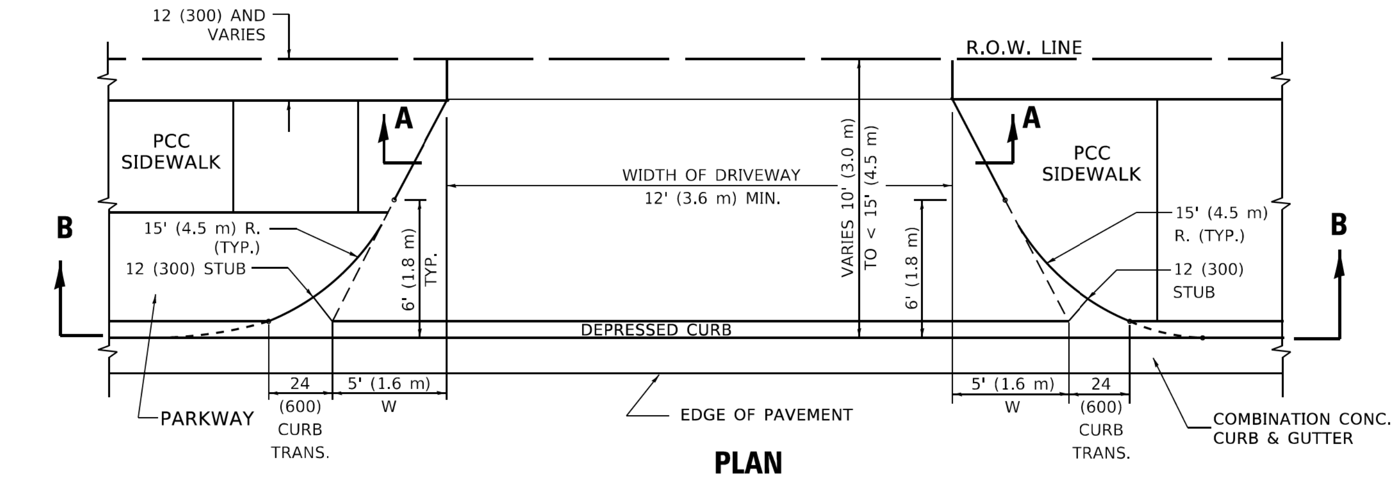
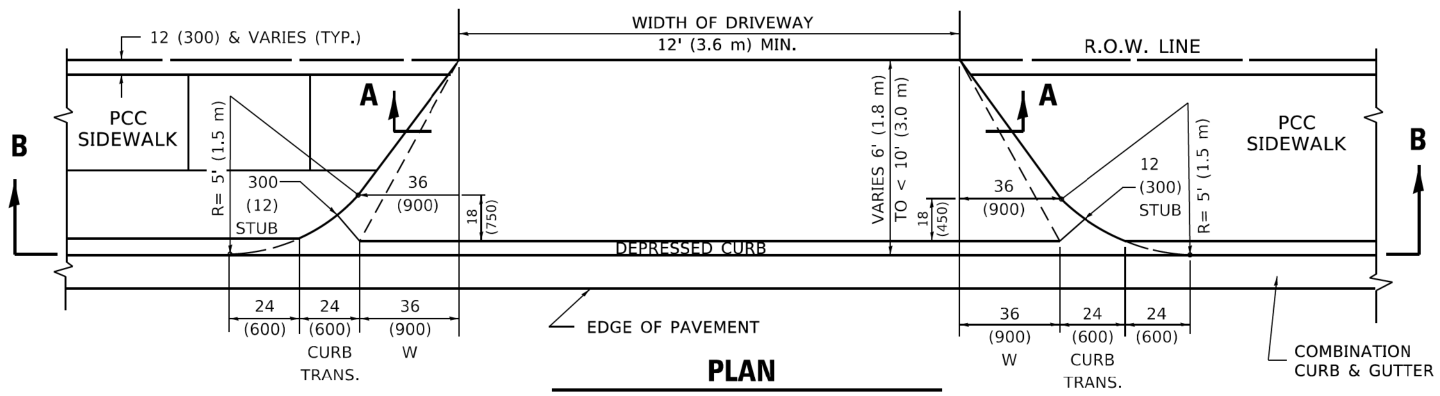
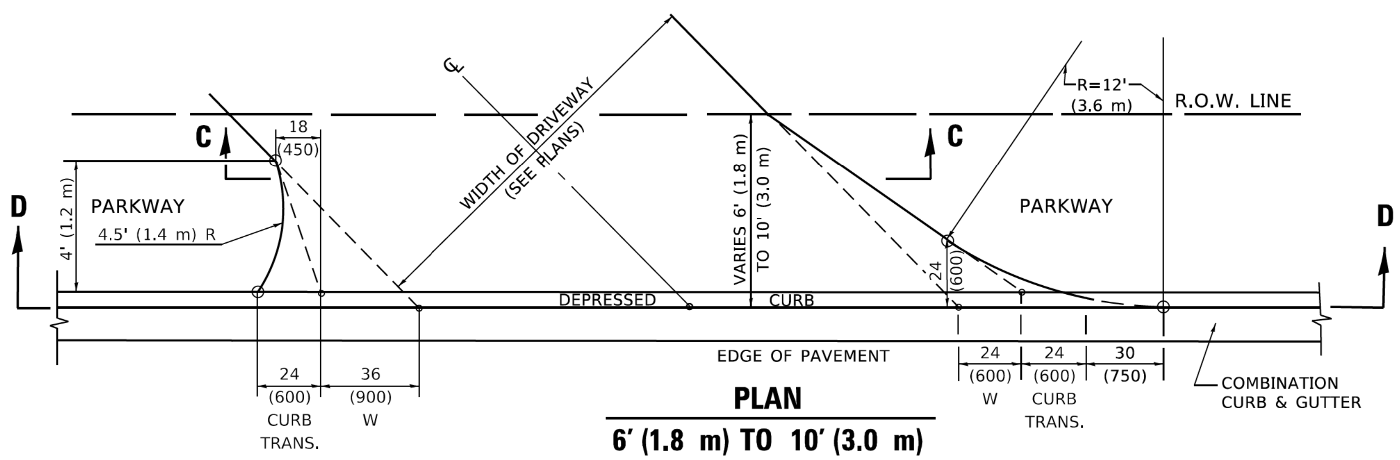


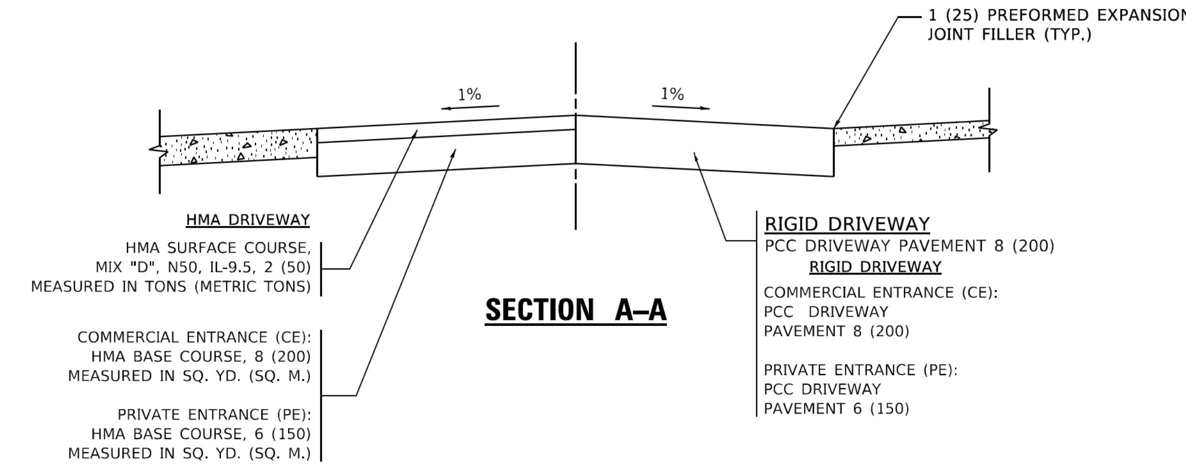
PLAN
10' (3.0 m) TO < 15' (4.5 m)



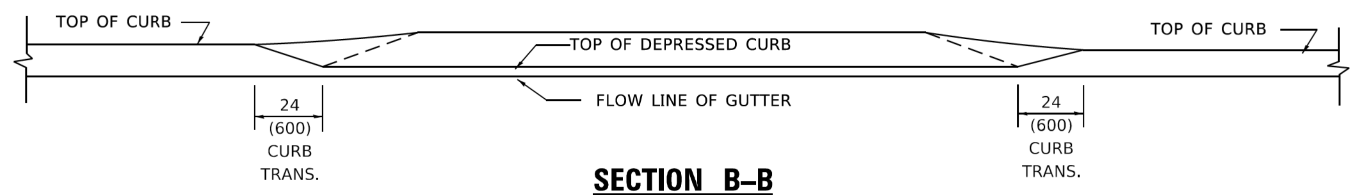
PLAN
6' (1.8 m) TO < 10' (3.0 m)



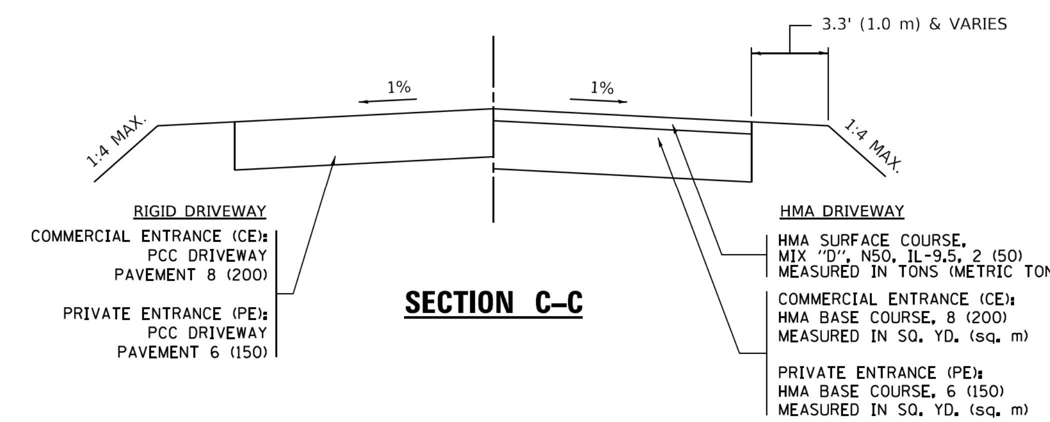
PLAN
6' (1.8 m) TO 10' (3.0 m)



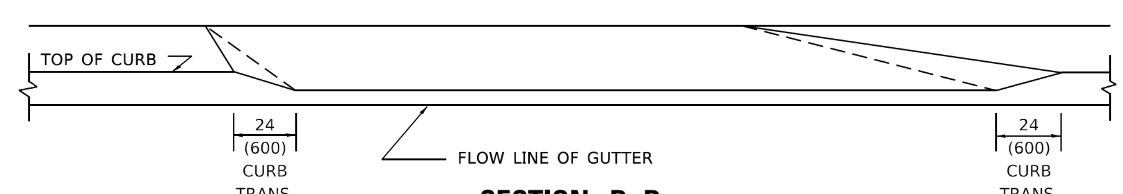
SECTION A–A



SECTION B–B



SECTION C–C



SECTION D–D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

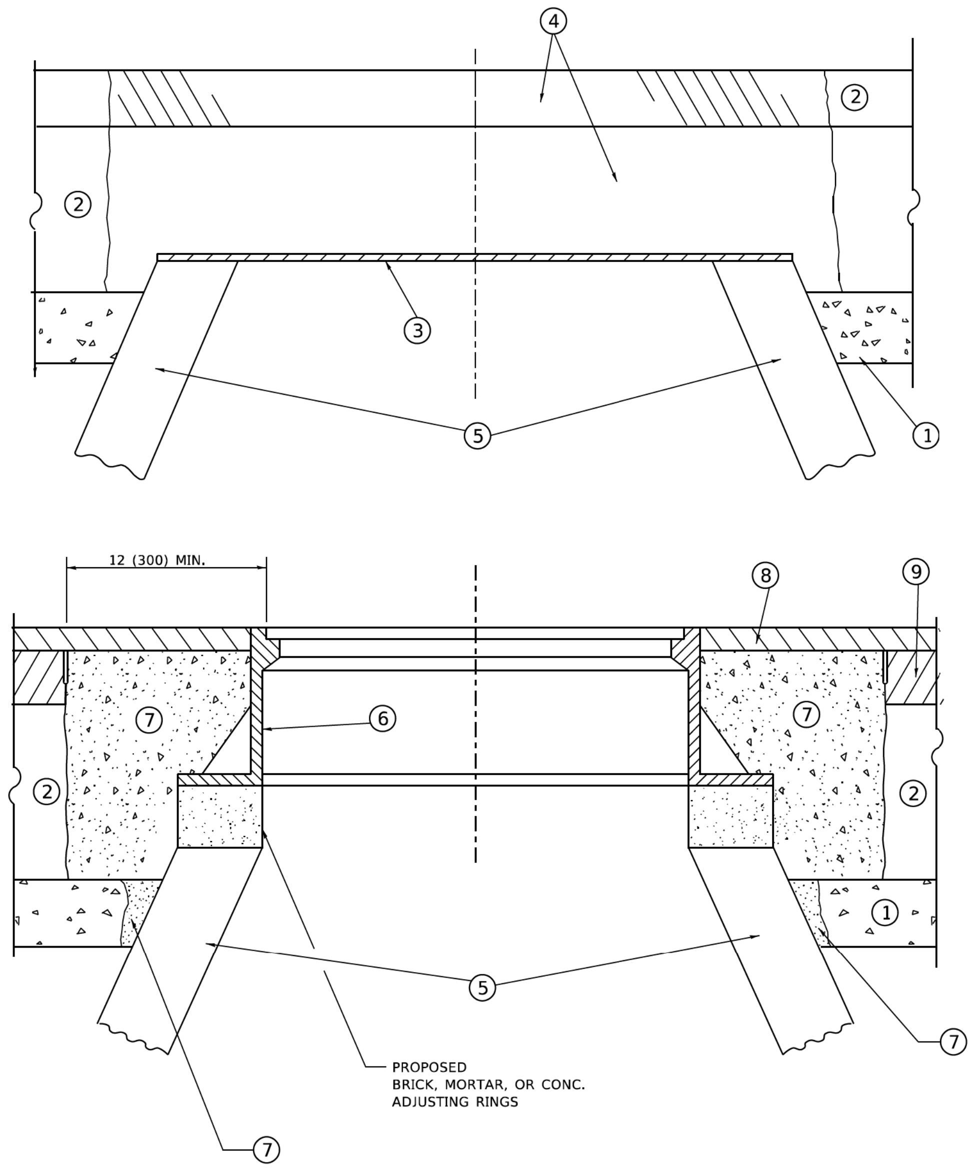
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19	
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22	

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)
BD400-02 (BD-02)

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	65
		CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	STATE OF ILLINOIS
	DRAWN -	REVISED - R. BORO 12-06-11	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	66

BD600–03 (BD–08) | CONTRACT NO. 61L25

ILLINOIS | FED. AID PROJECT ZZR2(010)

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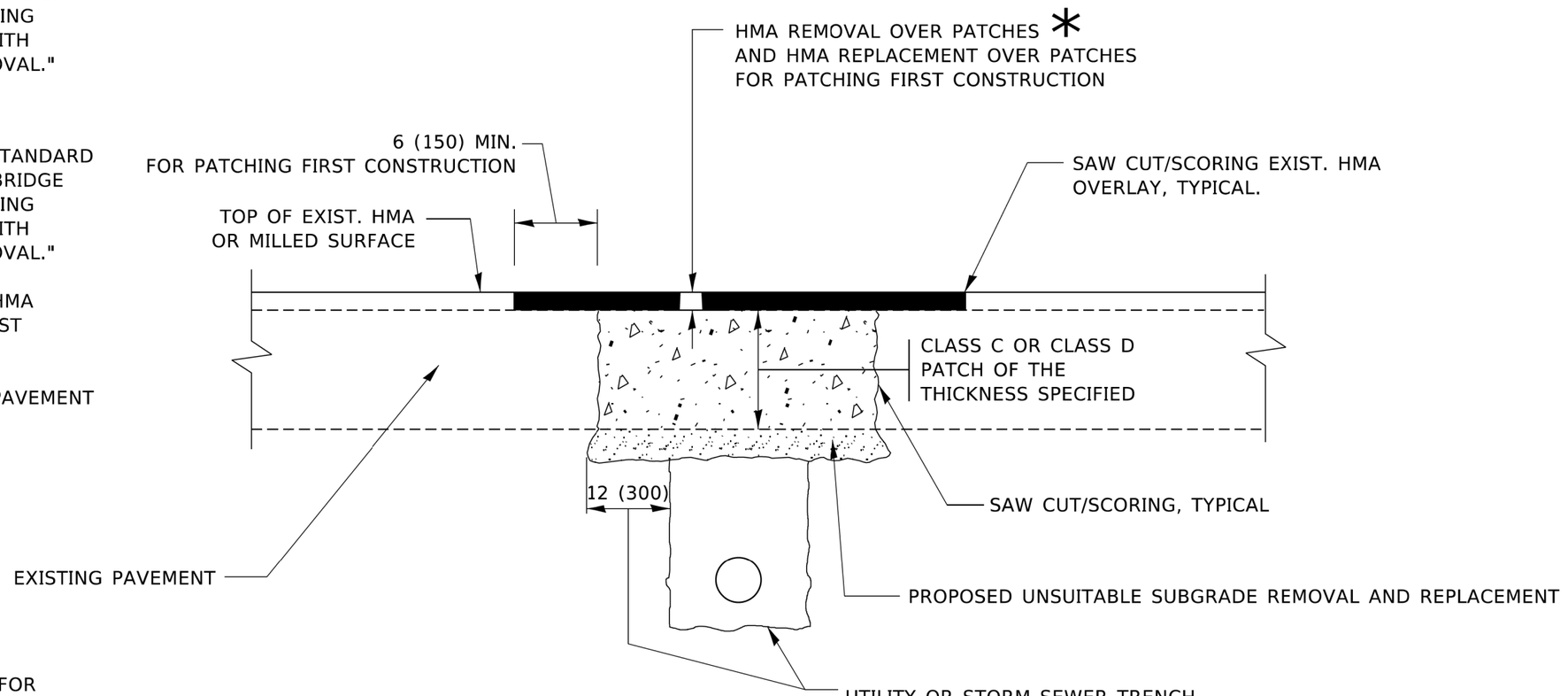
METHOD OF MEASUREMENT

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.

USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	
	DRAWN -	REVISED - R. BORO 09-04-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	67
	BD400-04 (BD-22)	CONTRACT NO. 61L25		
	ILLINOIS FED. AID PROJECT	ZZR2(010)		

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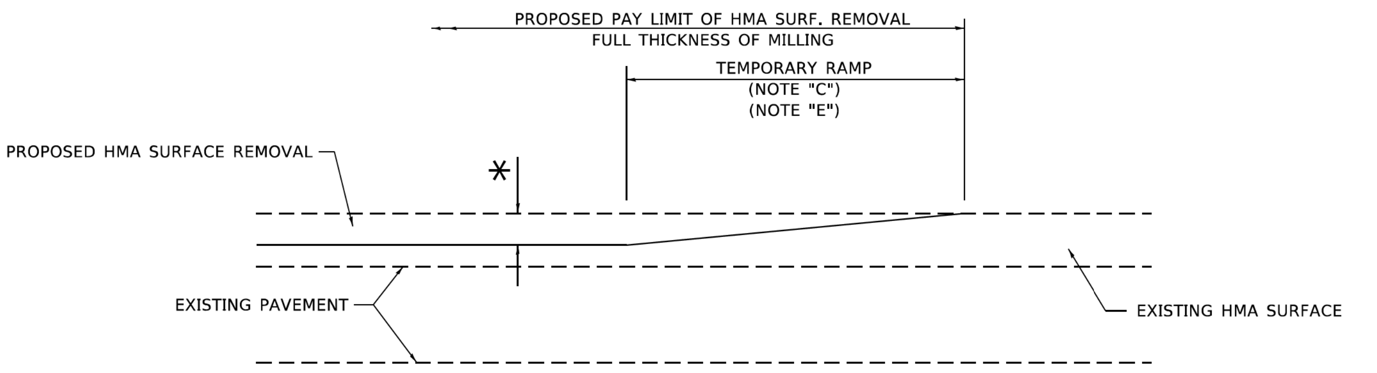
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM

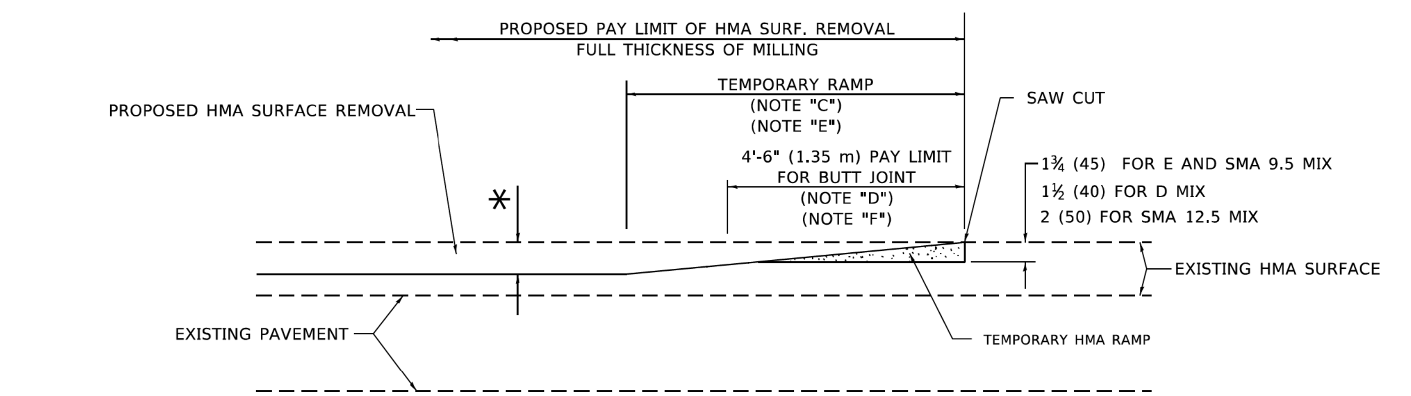
TYPICAL TEMPORARY RAMP



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

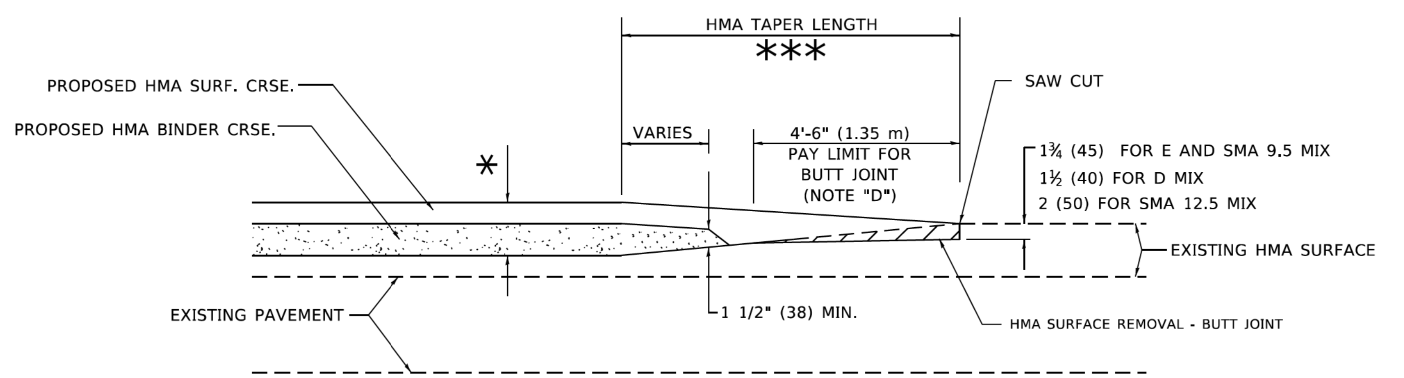


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

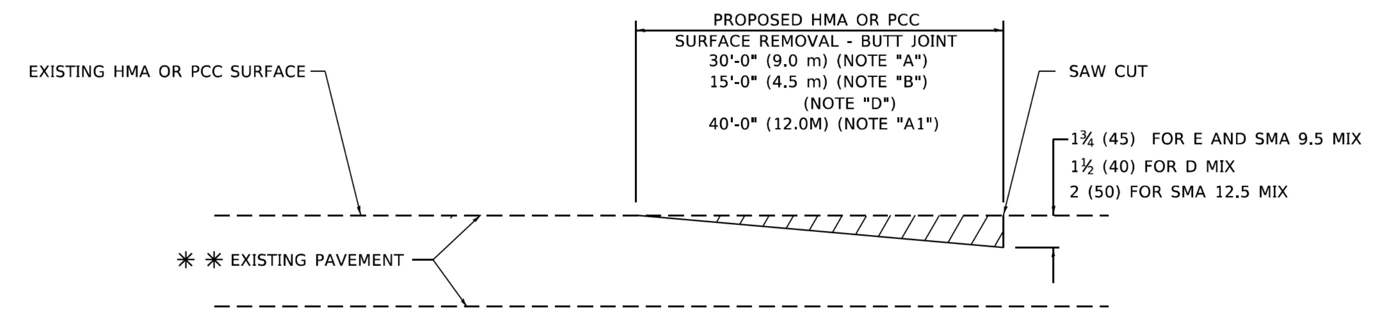
OPTION 2

TYPICAL TEMPORARY RAMP

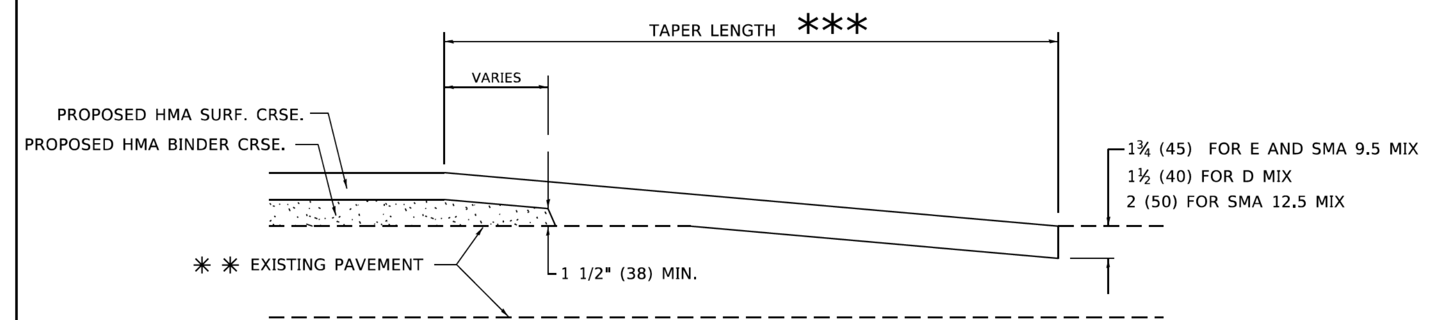


BUTT JOINT AND HMA TAPER

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

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. 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.

F. 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

1. 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".
2. 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 ' / 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

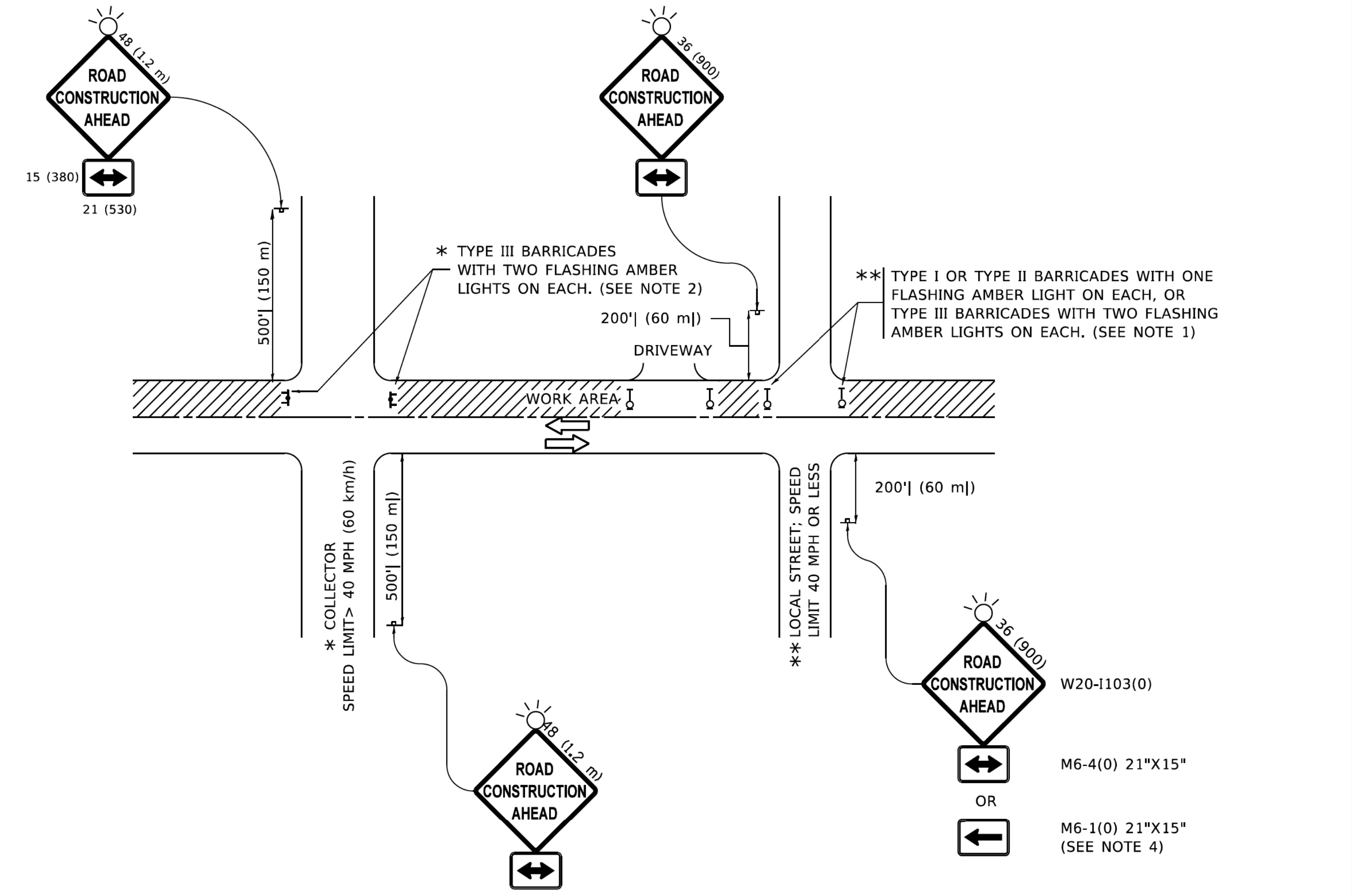
BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	68

BD400-05 BD-32 | CONTRACT NO. 61L25

ILLINOIS | FED. AID PROJECT ZZR2(010)



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

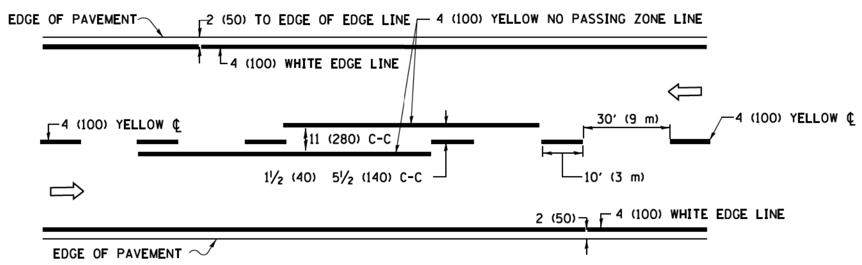
USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

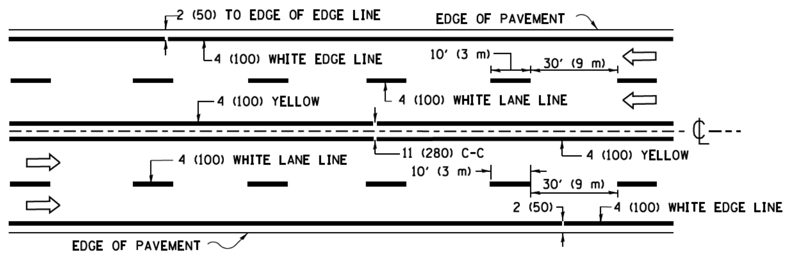
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

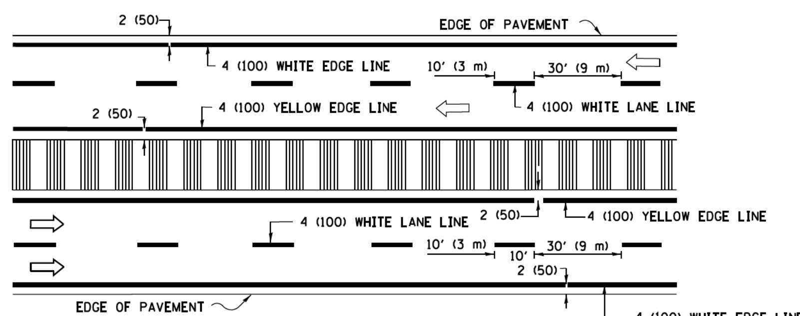
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	69
	TC-10	CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



2–LANE ROADWAY

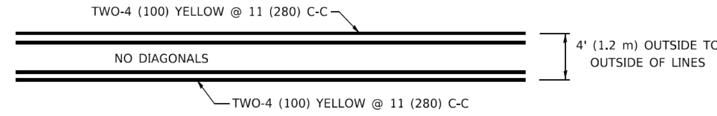


MULTI–LANE UNDIVIDED

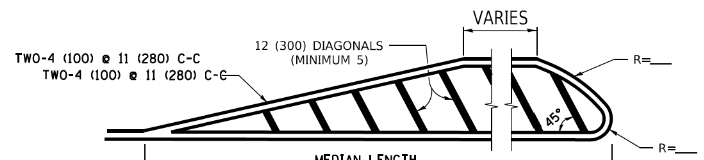


MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



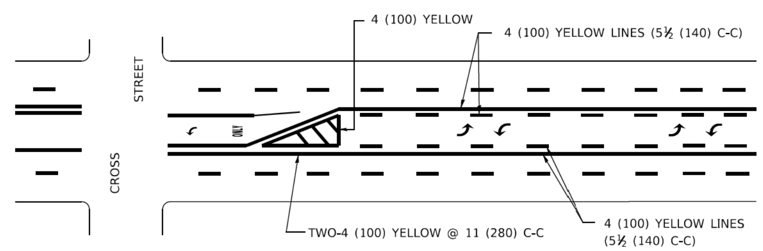
4' (1.2 m) WIDE MEDIANS ONLY



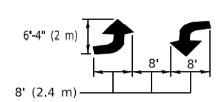
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

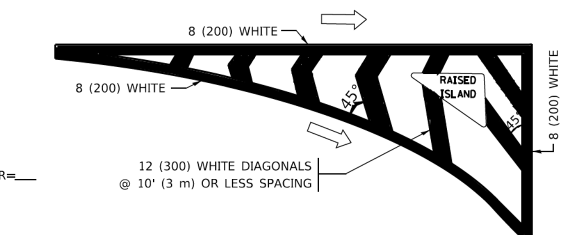


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

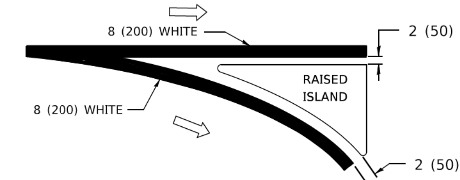


MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

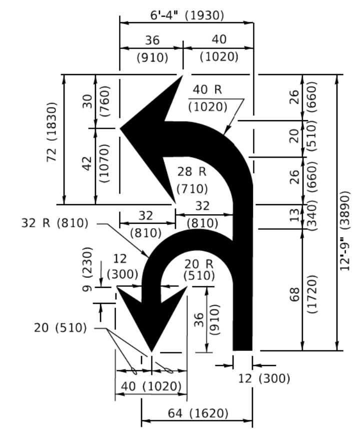


ISLAND OFFSET FROM PAVEMENT EDGE

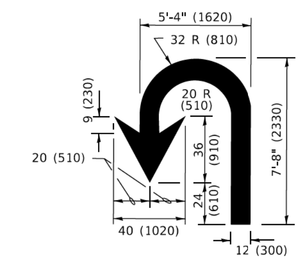


ISLAND AT PAVEMENT EDGE

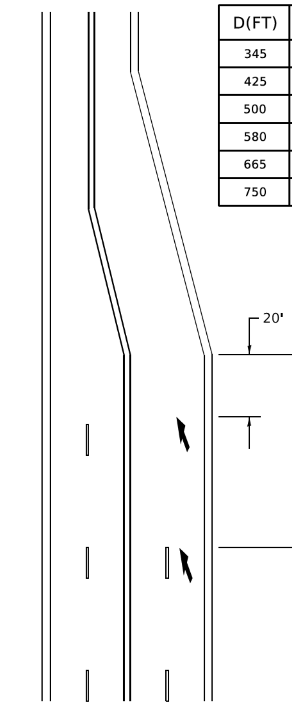
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



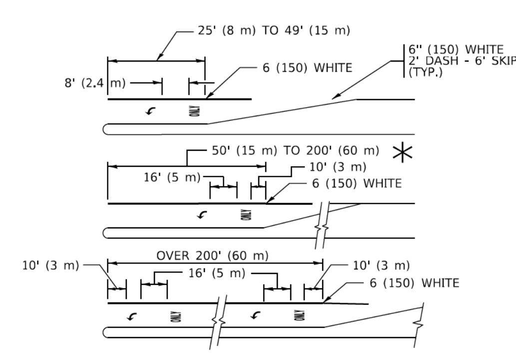
U–TURN



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

LANE REDUCTION TRANSITION

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

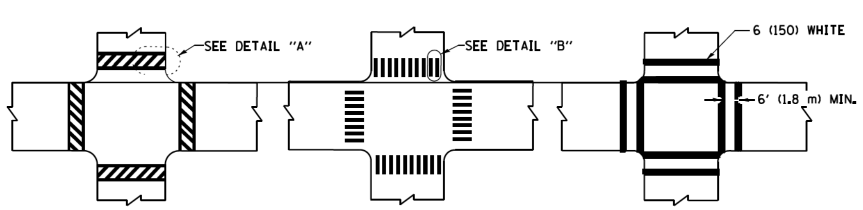


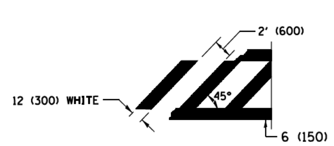
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) ONLY AREA = 20.8 SQ. FT. (1.9 m^2)

* 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".

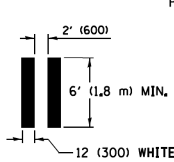
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING





DETAIL "A"



DETAIL "B"

TYPICAL CROSSWALK MARKING

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

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.

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MODEL: Default
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USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	
	DRAWN -	REVISED - C. JUCIUS 07-01-13	
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	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

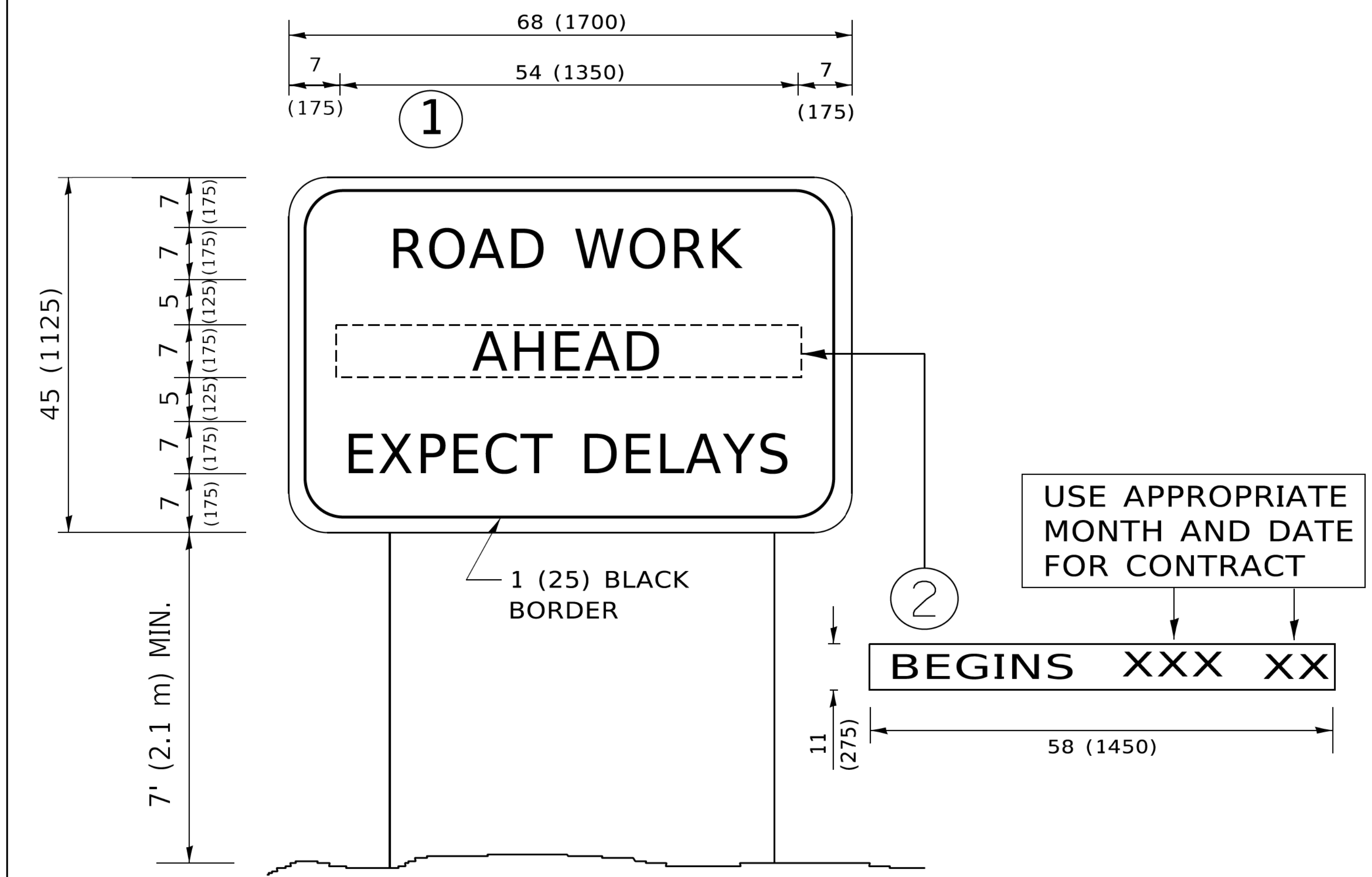
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	70

TC–13 | CONTRACT NO. 61L25
ILLINOIS | FED. AID PROJECT ZZR2(010)

tc13.dgn 3/4/2019 10:34:37 AM User=footemj



NOTES:

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

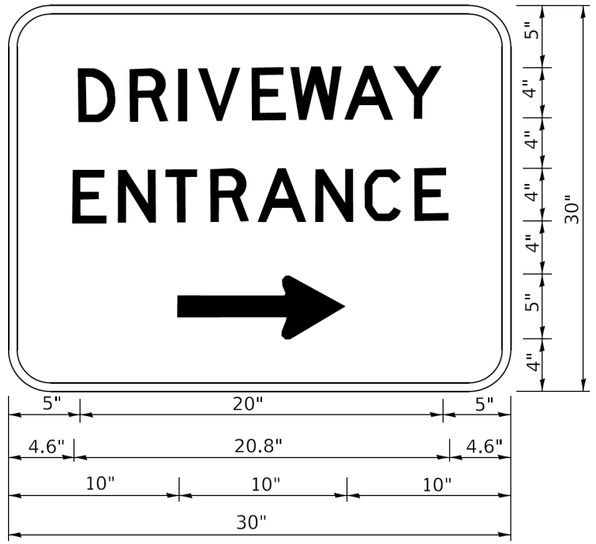
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. MIRS 12-11-97	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07	

ARTERIAL ROAD INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	71
	TC-22	CONTRACT NO. 61L25		
		ILLINOIS FED. AID PROJECT ZZR2(010)		



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

NOTES:

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

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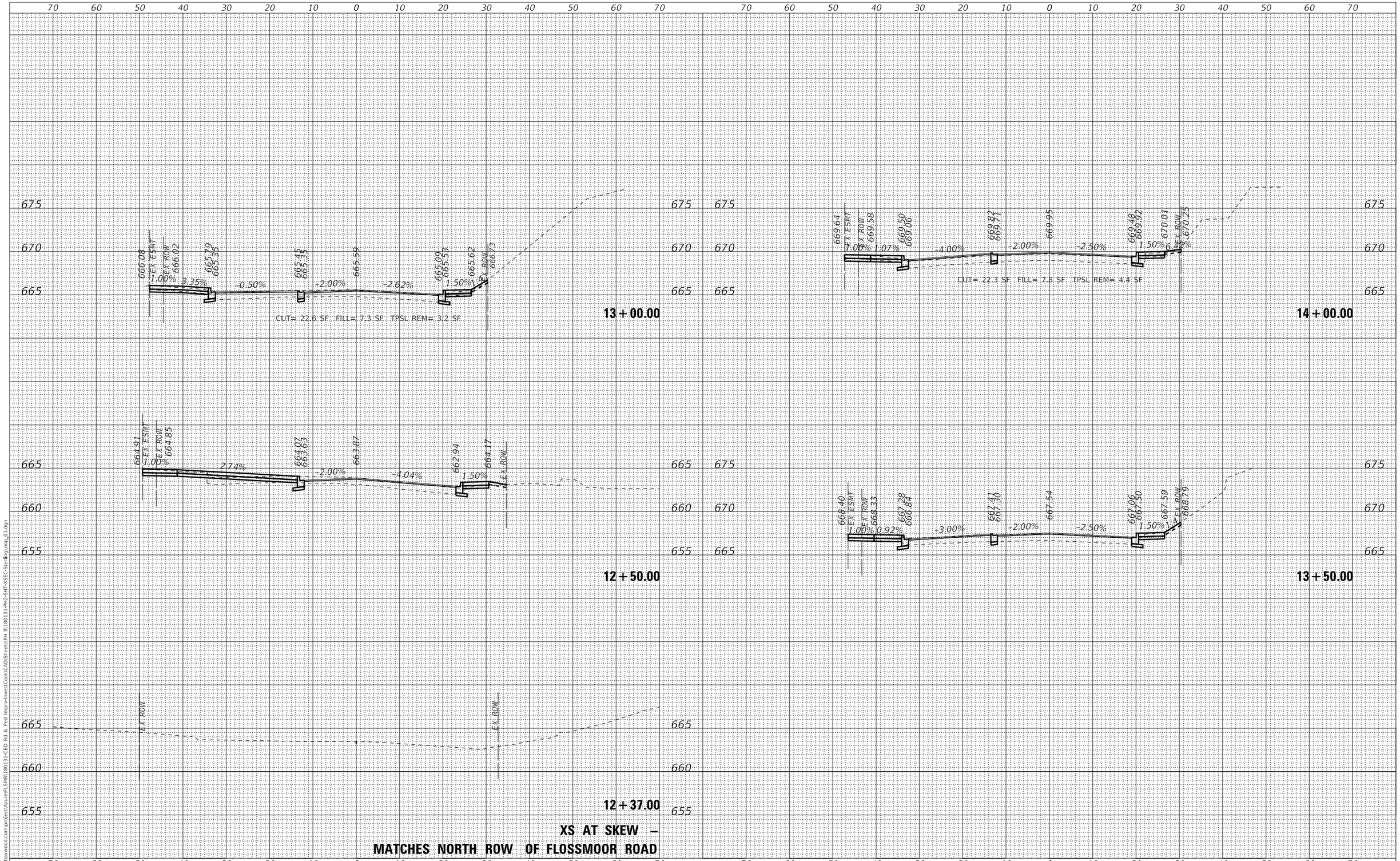
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001121 - EXPIRES 4/30/2017

USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07	**STATE OF ILLINOIS**	**DRIVEWAY ENTRANCE SIGNING**	MUN RTE. 1052 / SECTION 19-00051-00-CH / COUNTY COOK / TOTAL SHEETS 78 / SHEET NO. 72
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**		TC–26 / CONTRACT NO. 61L25
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. / TO STA.	ILLINOIS / FED. AID PROJECT ZZR2(010)
PLOT DATE = 8/6/2021	DATE -	REVISED -			



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BAXTER & WOODMAN Consulting Engineers

USER NAME = rvargas	DESIGNED - GJF	REVISED -
	DRAWN - MJO	REVISED -
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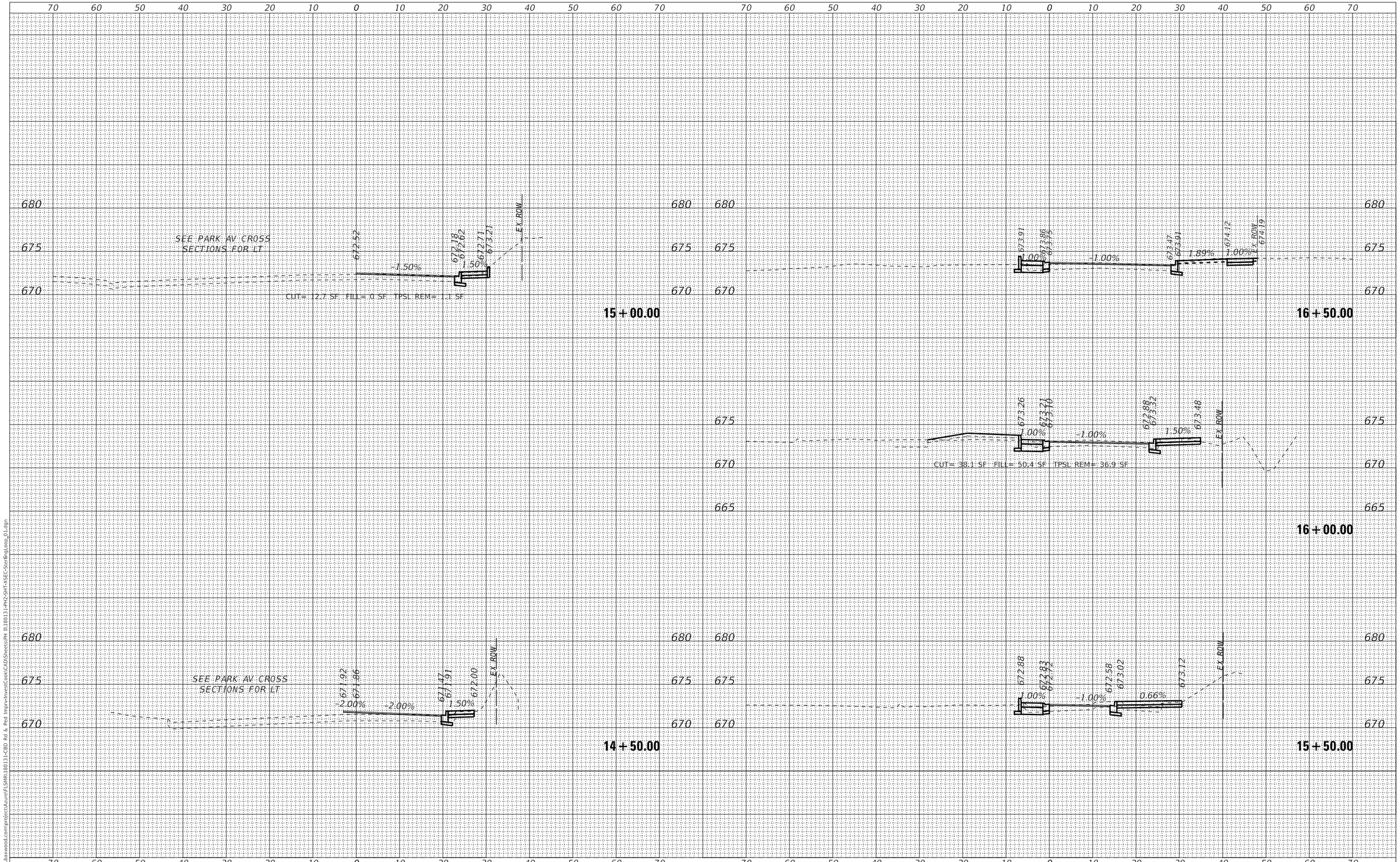
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-XSEC-SterlingLoop_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STERLING AVENUE

SCALE:H:1"=10':V:1"=5 | SHEET 1 OF 2 SHEETS | STA. 12+37.00 TO STA. 14+00.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	73
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



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BAXTER & WOODMAN Consulting Engineers

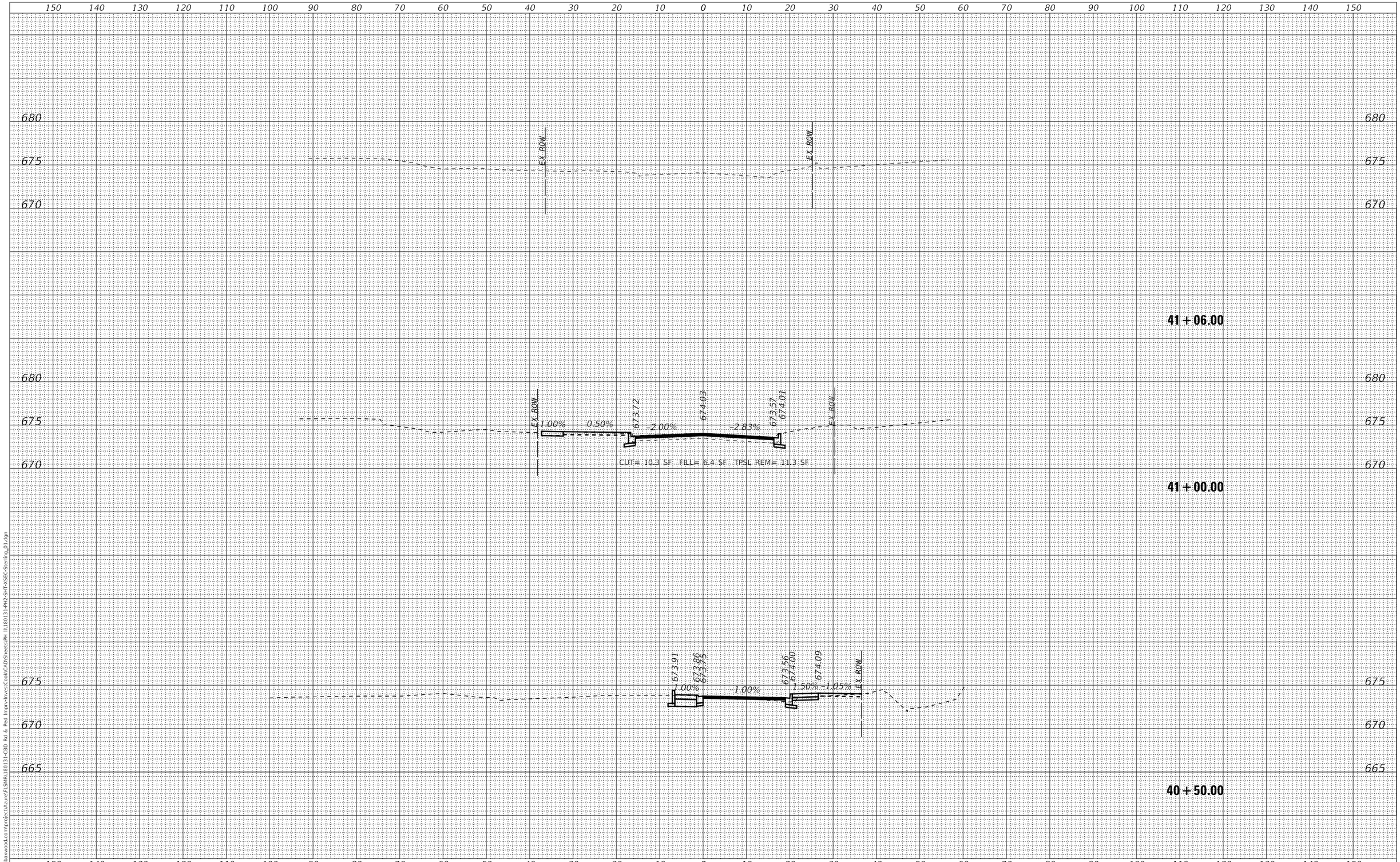
USER NAME = rvargas	DESIGNED - GJF	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - JDM	REVISED -
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-XSEC-SterlingLoop_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STERLING AVENUE

SCALE:H:1"=10':V:1"=5 | SHEET 2 OF 2 SHEETS | STA. 14+50.00 TO STA. 16+50.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	74
		CONTRACT NO. 61L25		
	ILLINOIS	FED. AID PROJECT ZZR2(010)		



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USER NAME = rvargas	DESIGNED - GJF	REVISED -
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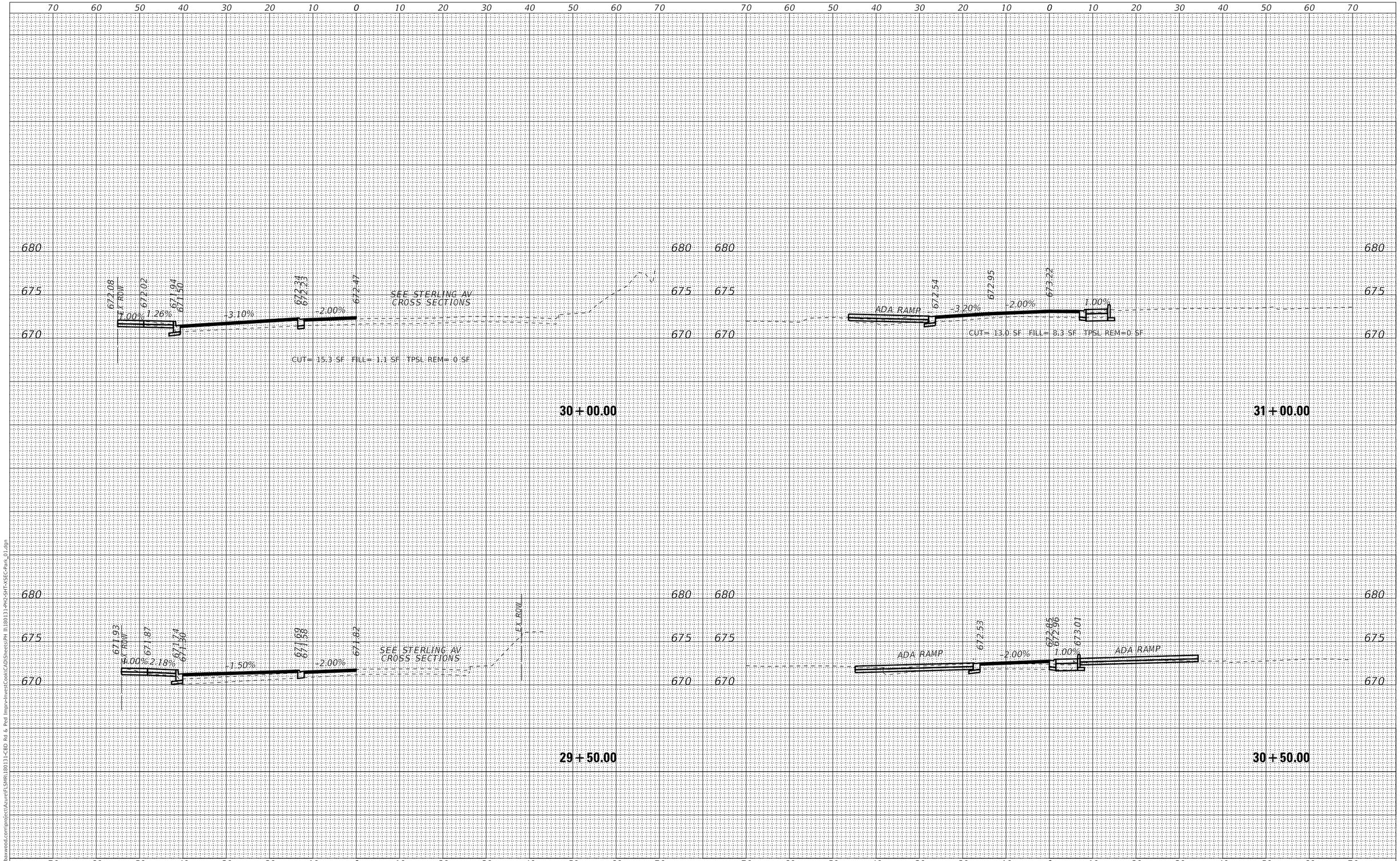
PLOT SCALE = 10.0000 ' / in.	CHECKED - JDM	REVISED -
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-XSEC-Sterling_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STERLING AVENUE

SCALE:H:1"=10':V:1"=5 | SHEET 1 OF 1 SHEETS | STA. 41+06.00 TO STA. 41+00.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	75
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



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USER NAME = rvargas	DESIGNED - GJF	REVISED -	
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PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-XSEC-Park_01.dgn	

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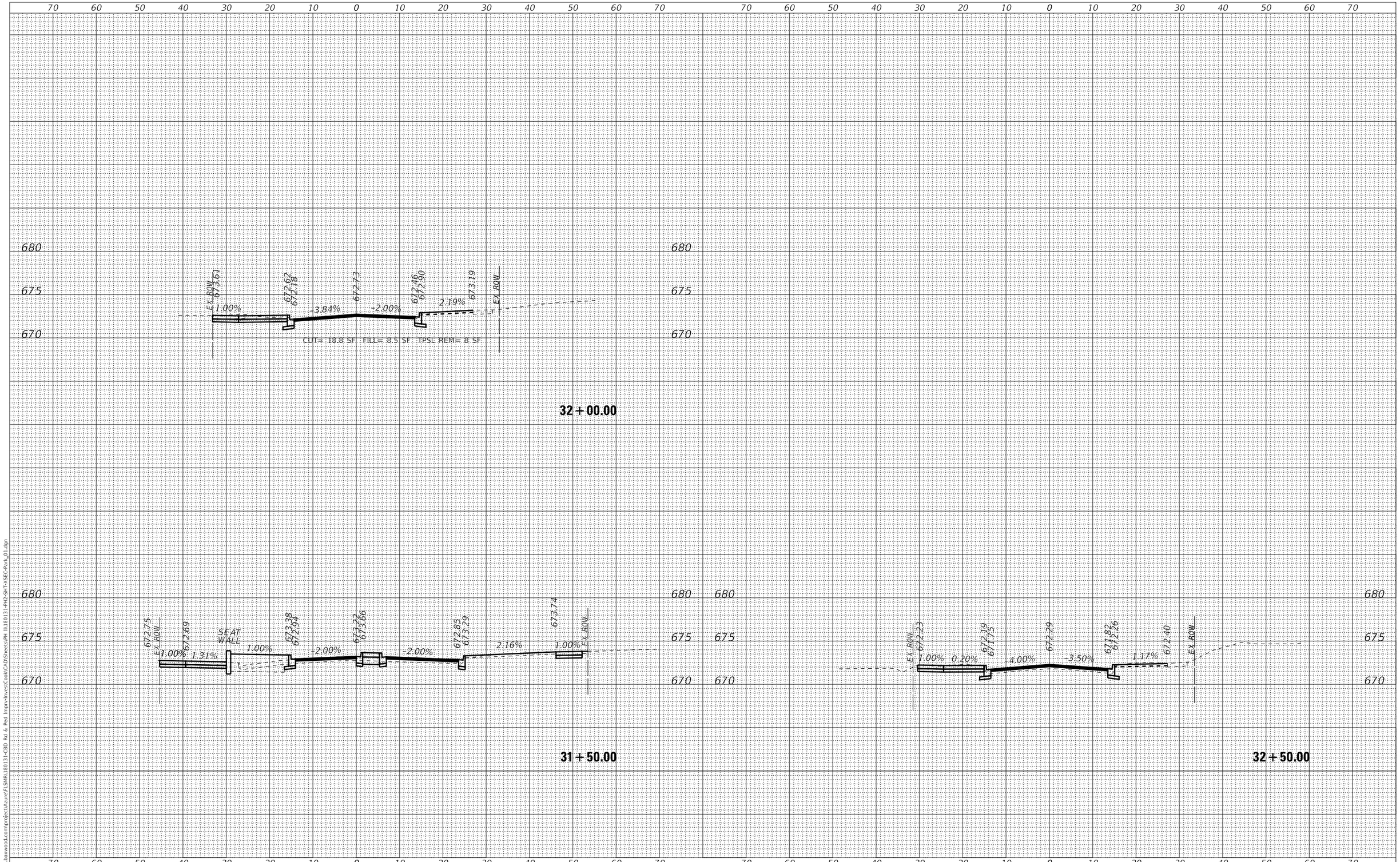
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
PARK DRIVE

SCALE:H:1"=10':V:1"=5 | SHEET 1 OF 4 SHEETS | STA. 29+50.00 TO STA. 31+00.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	76
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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Consulting Engineers

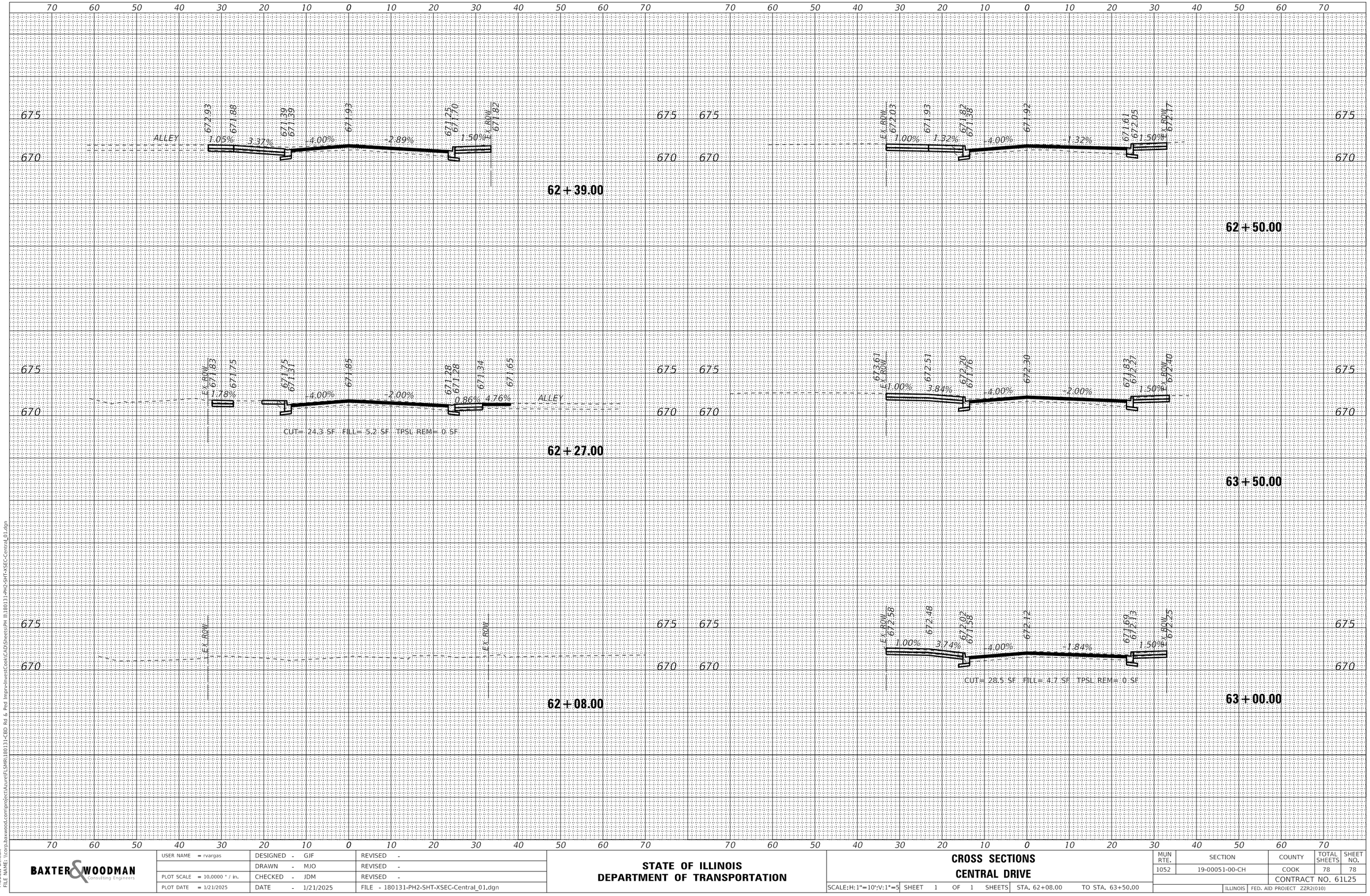
USER NAME = rvargas	DESIGNED - GJF	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - JDM	REVISED -
PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-XSEC-Park_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
PARK DRIVE

SCALE:H:1"=10':V:1"=5 | SHEET 2 OF 4 SHEETS | STA. 31+50.00 | TO STA. 32+50.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	77
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = rvargas	DESIGNED - GJF	REVISED -
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PLOT DATE = 1/21/2025	DATE - 1/21/2025	FILE - 180131-PH2-SHT-XSEC-Central_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CENTRAL DRIVE

SCALE:H:1"=10':V:1"=5 | SHEET 1 OF 1 SHEETS | STA. 62+08.00 TO STA. 63+50.00

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1052	19-00051-00-CH	COOK	78	78
		CONTRACT NO. 61L25		
		ILLINOIS	FED. AID PROJECT ZZR2(010)	