03-07-2025 LETTING ITEM 173

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	1
		ILLINOIS	CONTRACT NO. 97855	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED
HIGHWAY PLANS

FAU ROUTE 9264 (GILBERT ST)
SECTION 21–00039–00–RS
RESURFACING
PROJECT NO. 3RLN(886)
VILLAGE OF SWANSEA
ST. CLAIR COUNTY

C–98–017–25

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS & COMMITMENTS
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7-11	SCHEDULE OF QUANTITIES
12-14	REMOVAL PLAN SHEETS
15-19	PLAN AND PROFILE SHEETS
20-24	DRAINAGE AND EROSION CONTROL SHEETS
25-27	ROW PLANS
28-29	GEOMETRIC DETAIL SHEETS
30	CURB RAMP DETAIL SHEET
31	MISCELLANEOUS DETAILS SHEET
32-44	CROSS SECTIONS

LIST OF HIGHWAY STANDARDS

SEE SHEET 2 FOR LIST OF HIGHWAY STANDARDS

DESIGN DESIGNATION

FAU 9264 (KINGSBURY DRIVE)

ROADWAY CLASSIFICATION = COLLECTOR
DESIGN SPEED = 30 MPH
CURRENT ADT (2023) = 900 VPD
DESIGN YEAR ADT (2043) = 1100 VPD

FAU 9264 (GILBERT STREET)

ROADWAY CLASSIFICATION = COLLECTOR
DESIGN SPEED = 30 MPH
CURRENT ADT (2023) = 700 VPD
DESIGN YEAR ADT (2043) = 850 VPD

R8W

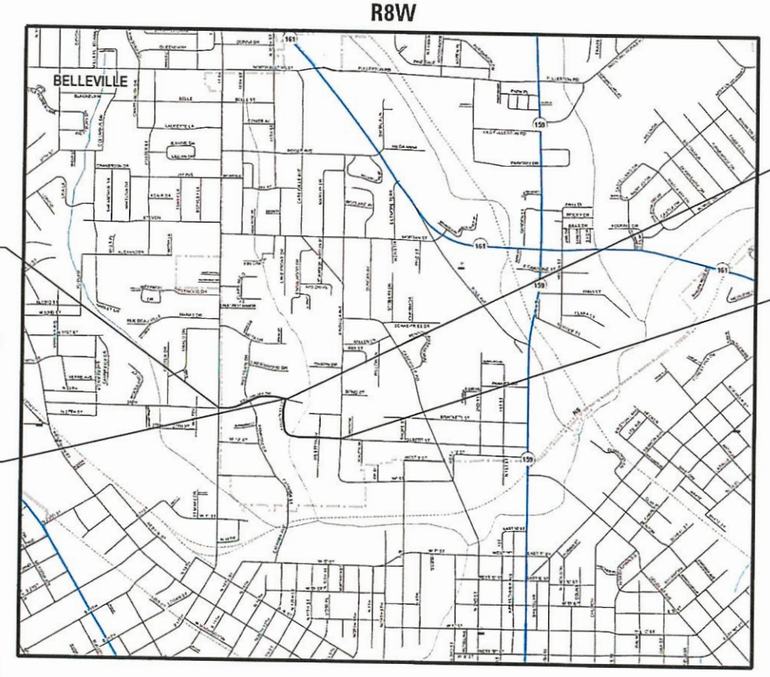
T1N

BEGIN IMPROVEMENTS
KINGSBURY DRIVE
STA. 100+19.02
LAT. 38°31'34.75" N
LONG. 90'°00'06.41" W

BEGIN IMPROVEMENTS
KENWOOD DR /
GILBERT STREET
STA. 200+10.79
LAT. 38°31'36.32" N
LONG. 89°59'53.02" W

END IMPROVEMENTS
KINGSBURY DRIVE
STA. 111+90.00
LAT. 38°31'36.33" N
LONG. 89°59'52.42" W

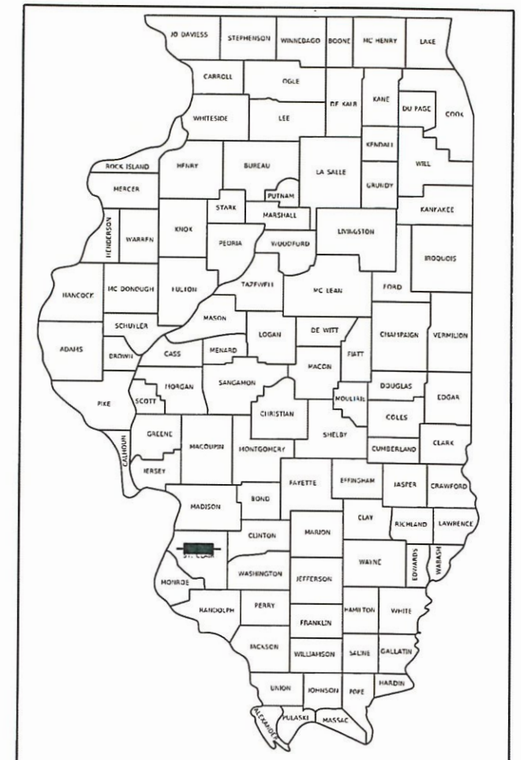
END IMPROVEMENTS
KENWOOD DRIVE /
GILBERT STREET
STA. 214+64.44
LAT. 38°31'30.09" N
LONG. 89°59'41.69" W



N

NOT TO SCALE

GROSS LENGTH = 1170.98 FT. + 1453.65 FT. = 0.497 MILE
NET LENGTH = 1170.98 FT. + 1453.64 FT. = 0.497 MILE



LOCATION OF SECTION INDICATED THUS:–

100' 10' 200' 20' 300' 30' — 1"= 100' 10'
50' 100' — 1"= 50'
50' 100' — 1"= 40'
50' 100' — 1"= 30'
50' 100' — 1"= 20'

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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1–800–892–0123
OR 811

PLANS PREPARED BY:

TWM ENGINEERING & GEOSPATIAL SERVICES
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
Illinois Professional Design Firm
No. 184-001220
License Expires: 04/30/2025
ILLINOIS - MISSOURI - TENNESSEE

LICENSED PROFESSIONAL ENGINEER
KEVIN M. OSTERMILLER
062-066764
STATE OF ILLINOIS

12-04-2024
KEVIN M. OSTERMILLER, P.E.
LICENSE NO. 062–066764
EXPIRATION DATE 11–30–2025

VILLAGE OF SWANSEA
STATE OF ILLINOIS

APPROVED 12/5 20 24
MAYOR, VILLAGE OF SWANSEA

PASSED 12/17 20 24
DISTRICT 8 ENGINEER
LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW 12/17 20 24
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL

ANY AREA DISTURBED OUTSIDE CONSTRUCTION LIMITS DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING ROADWAY FEATURES, SUCH AS CULVERTS, PAVEMENT, FENCING, ETC., LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS NOTED OTHERWISE ON THE PLANS.

FOR CODED PAY ITEM DESCRIPTIONS, INCLUDED ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE VILLAGE OF SWANSEA WILL PROVIDE ALL REFERENCE POINTS OR BENCHMARKS AS NEEDED BY THE CONTRACTOR TO CONSTRUCT THE IMPROVEMENTS AS PROPOSED HEREIN.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE VILLAGE OF SWANSEA AT LEAST SEVENTY TWO (72) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

ANY REFERENCE TO AN IDOT HIGHWAY STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

TREE REMOVAL

TREES WILL BE REMOVED WITHIN THE LIMITS OF CONSTRUCTION AS STATED IN THE SPECIAL PROVISIONS. ANY TREES TO BE REMOVED ARE MARKED WITH A "X" IN THE PLANS. ALL TREES BEYOND THE CONSTRUCTION LIMITS ARE TO BE SAVED.

STREET SIGNS

ALL STREET SIGNS TO BE RELOCATED SHALL BE PROVIDED TEMPORARY LOCATIONS WHEN REQUIRED AT NO EXTRA COST TO THE PROJECT. FINAL RELOCATED LOCATIONS SHALL BE SPECIFIED DURING CONSTRUCTION PER THE FIELD ENGINEER.

ANY SIGNS DAMAGED DURING REMOVAL, STORAGE, OR RE-ERECTION SHALL BE REPLACED AS PART OF THIS CONTRACT.

SEEDING AND MULCH

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS DIRECTED BY THE ENGINEER SHALL BE SEEDED AND MULCHED.

EROSION CONTROL

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE PLAN SHEETS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

SIGNS

ALL CONSTRUCTION WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE.

UTILITIES

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

~AMEREN IL

~AT&T

~CHARTER COMMUNICATIONS

~ILLINOIS AMERICAN WATER

~VERIZON

~VILLAGE OF SWANSEA

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY ~

NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

THE ENGINEER AND OWNER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL/ADJUSTMENTS AND ADJUST HIS OPERATIONS IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THE PROJECT MAY PROGRESS IN A REASONABLE MANNER.

PROPERTY OWNERS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.

PRIOR TO CONSTRUCTING ANY ENTRANCE, THE PROPERTY OWNER WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.

HOT-MX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	*	*
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5FG
FRICTION AGG	MIXTURE "C"	MIXTURE "C"

* SEE SPEC BOOK SECTION 1031

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602416-09	PRECAST MANHOLE TYPE A 8' DIAMETER
602601-06	PRECAST REINFORCED CONRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604006-05	FRAME AND GRATE TYPE 3
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
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
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
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)
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

REMOVAL ITEMS

ALL MATERIALS, SUCH AS PAVEMENT REMOVAL, CURB & GUTTER, ETC. SCHEDULED FOR REMOVAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER EXPENSE.

COMBINATION CURB AND GUTTER REMOVAL SHALL INCLUDE REMOVAL OF DIFFERENT KINDS OF CURB AND GUTTER NO MATTER THE TYPE OR SIZE.

THE CONTRACTOR SHALL USE CARE IN PROTECTING EXISTING MANHOLES, INLETS, AND WATER VALVES DURING THE REMOVAL OPERATION. ANY NECESSARY ADJUSTMENTS TO THE EXISTING MANHOLES AND WATER VALVES WILL BE PERFORMED BY THE CONTRACTOR.

COMMITMENTS

NONE.

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE CONTRACT QUANTITIES:

AGGREGATES (SURFACE, BASE, BACKFILL)	2.10 TON/CY
BITUMINOUS MATERIALS - TACK COAT (EX. HMA, MILLED SURFACE, CONCRETE, MILLED/TINED CONCRETE)	0.05 LB/SF
BITUMINOUS MATERIALS - TACK COAT (BETWEEN HMA LIFTS, IL 4.75, BRICK)	0.025 LB/SF
HOT-MIX ASPHALT SURFACE/BINDER/BASE	0.056 TON/SY/INCH
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60
20200100	EARTH EXCAVATION	CU YD	270
20400800	FURNISHED EXCAVATION	CU YD	100
20800150	TRENCH BACKFILL	CU YD	120
25000110	SEEDING, CLASS 1A	ACRE	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	36
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36
25100115	MULCH, METHOD 2	ACRE	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	79
28000400	PERIMETER EROSION BARRIER	FOOT	497
28000500	INLET AND PIPE PROTECTION	EACH	27
35100100	AGGREGATE BASE COURSE, TYPE A	TON	314
35301400	PORTLAND CEMENT CONCRETE BASE COURSE (VARIABLE DEPTH)	SQ YD	175
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4376

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	425
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	649
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	582
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	11236
42400800	DETECTABLE WARNINGS	SQ FT	133
44000100	PAVEMENT REMOVAL	SQ YD	75
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5199
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	394
44000400	GUTTER REMOVAL	FOOT	508
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	376
44000600	SIDEWALK REMOVAL	SQ FT	430
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	95
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	78
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	354
50105220	PIPE CULVERT REMOVAL	FOOT	367

* SPECIALTY ITEM

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	340
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	97
	56109210	WATER VALVES TO BE ADJUSTED	EACH	3
	60224454	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	19
	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4
	60255500	MANHOLES TO BE ADJUSTED	EACH	1
	60260100	INLETS TO BE ADJUSTED	EACH	1
	60500060	REMOVING INLETS	EACH	3
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	342
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1636
	67100100	MOBILIZATION	L SUM	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	68
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	207

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	22
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	397
	X1700066	POTHOLING	EACH	40
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	378
	X5220102	RETAINING WALL REMOVAL	FOOT	14
	X6024242	INLETS, SPECIAL, NO. 1	EACH	1
	X6060044	CURB AND GUTTER (SPECIAL)	FOOT	398
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	X7240505	RELOCATE SIGN PANEL AND POST	EACH	7
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	698
#	Z0076600	TRAINEES	HOUR	500
#	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500

* SPECIALTY ITEM # 0042

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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC. WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

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	DRAWN - BAB	REVISED -	
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PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1978

VILLAGE OF SWANSEA IMPROVEMENTS

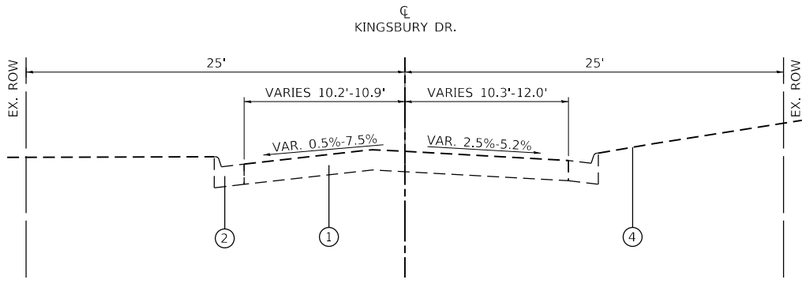
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	4
		CONTRACT NO. 97855		
		ILLINOIS FED. AID PROJECT		

LEGEND

1. EXISTING HMA PAVEMENT
2. EXISTING CURB AND GUTTER
3. EXISTING GUTTER
4. EXISTING GROUND
5. EXISTING SWALE



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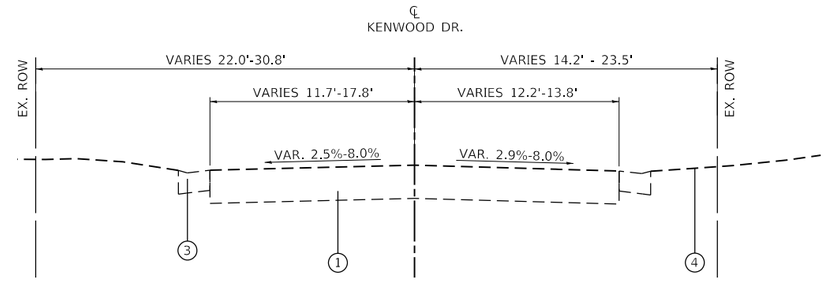

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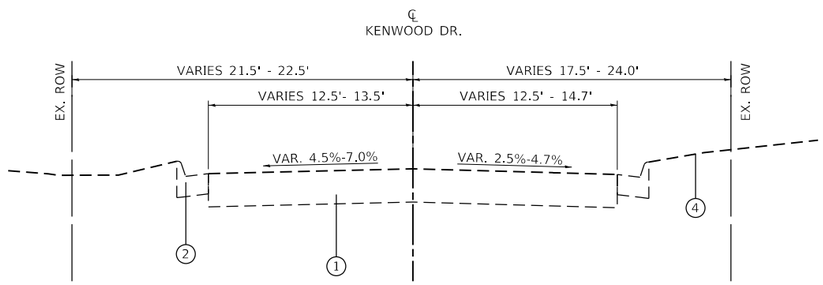

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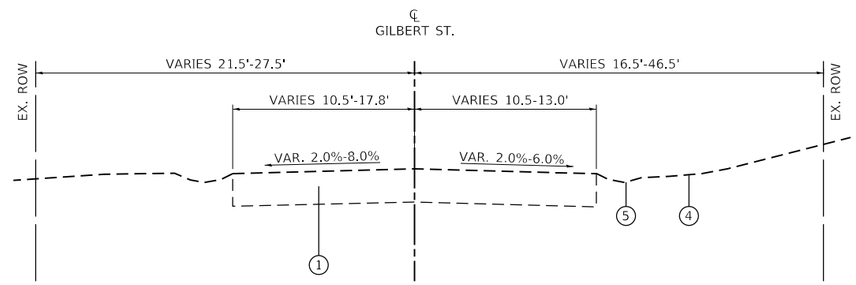

EXISTING TYPICAL SECTION

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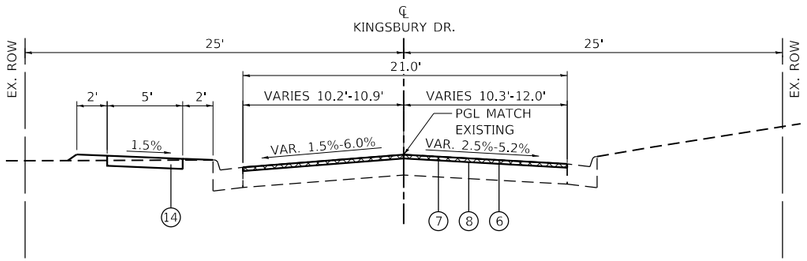
TWM ENGINEERING & GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	The Village of SWANSEA Est. 1896	VILLAGE OF SWANSEA IMPROVEMENTS	EXISTING TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
			DRAWN - BAB	REVISED -				9264	21-00039-00-RS	ST. CLAIR	44 / 5
		PLOT SCALE = 10.0000 ' / in.	CHECKED - SJK	REVISED -						CONTRACT NO. 97855	
		PLOT DATE = 12/6/2024	DATE -	REVISED -			SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

LEGEND

1. EXISTING HMA PAVEMENT
2. EXISTING CURB AND GUTTER
3. EXISTING GUTTER
4. EXISTING GROUND
5. EXISTING SWALE
6. PR. HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1½"
7. PR. HOT-MIX ASPHALT SURFACE REMOVAL, 1½"
8. PR. BITUMINOUS MATERIALS (TACK COAT)
9. PR. HMA BINDER COURSE, IL-9.5FG, N50, VAR. DEPTH
10. PR. B-6.18 CURB AND GUTTER
11. PR. B-6.24 CURB AND GUTTER
12. PR. AGGREGATE BASE COURSE, TYPE A, 4"
13. PR. PCC BASE COURSE (VARIABLE DEPTH)
14. PROPOSED PCC SIDEWALK
15. PROPOSED SAW CUT



PROPOSED TYPICAL SECTION

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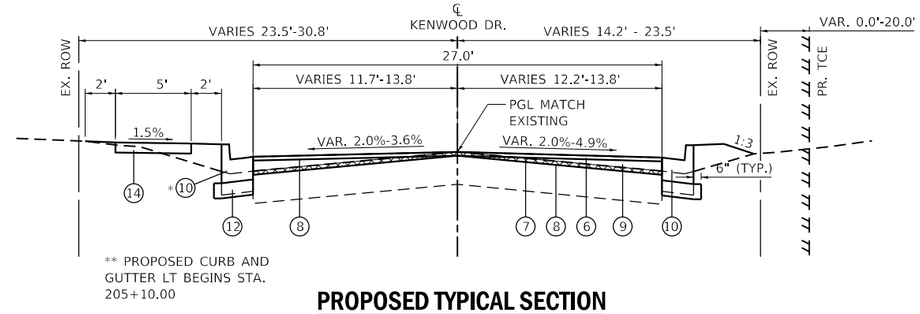

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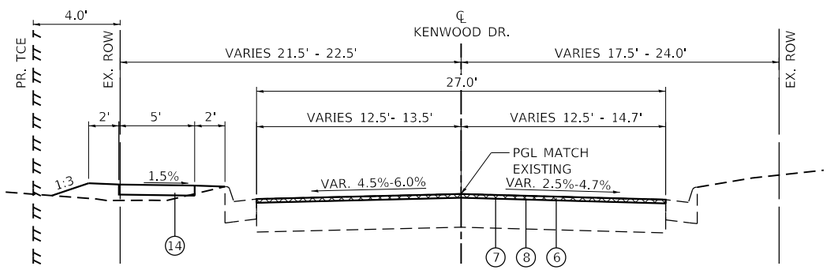

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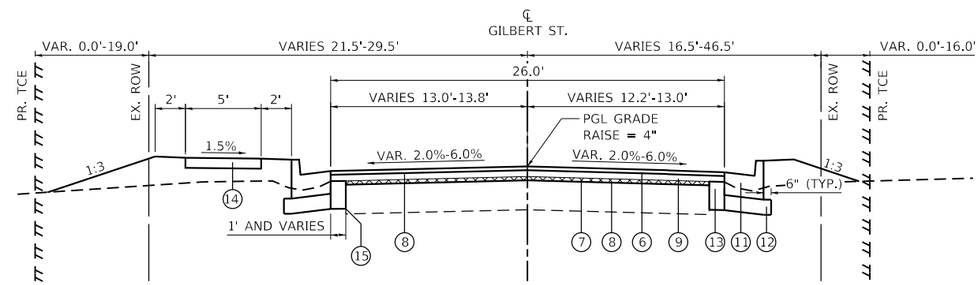

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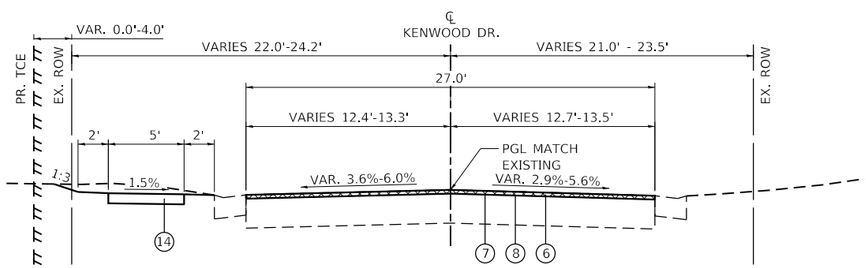
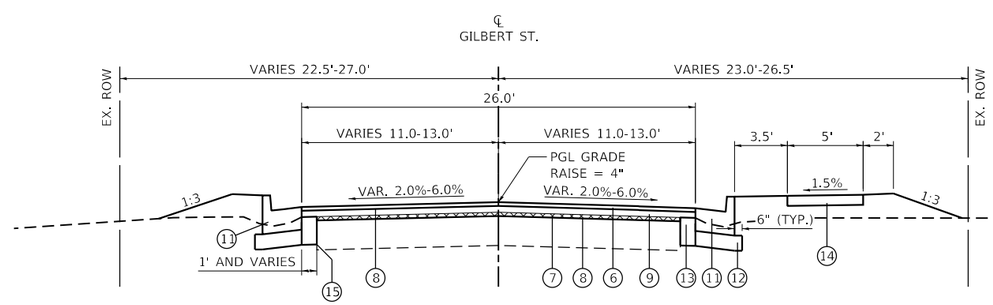


PROPOSED TYPICAL SECTION

STA. 202+00.00 TO STA. 204+90.00



PROPOSED TYPICAL SECTION

STA. 210+92.96 TO STA. 214+64.44

MODEL: Default
FILE NAME: P:\2020\201329A\4 CADD - DWG\4.7 Train\CADD Sheets\201329A-sht-typicals.dgn

TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	The Village of SWANSEA Est. 1895	VILLAGE OF SWANSEA IMPROVEMENTS	PROPOSED TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
			DRAWN - BAB	REVISED -				9264	21-00039-00-RS	ST. CLAIR	44 / 6
		PLOT SCALE = 10.0000 ' / in.	CHECKED - SJK	REVISED -						CONTRACT NO. 97855	
		PLOT DATE = 12/6/2024	DATE -	REVISED -			SCALE: 1"=5' / SHEET 1 OF 1 SHEETS / STA. TO STA.			ILLINOIS / FED. AID PROJECT	

CURB AND GUTTER SCHEDULE

LOCATION				AGGREGATE BASE COURSE, TYPE A *	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CURB AND GUTTER (SPECIAL)
STATION	TO	STATION	LT/RT	TON	FOOT	FOOT	FOOT
KINGSBURY DRIVE							
100+22.67	TO	100+47.39	LT	2.4	35.5		
100+22.08	TO	100+48.39	RT	2.0	37.6		
102+77.01	TO	102+96.28	LT	1.3			19.0
104+78.31	TO	105+10.29	LT	1.7			40.9
105+41.43	TO	105+67.16	LT	1.6			35.8
106+35.13	TO	106+90.79	LT	3.8			57.0
107+74.48	TO	108+01.84	LT	1.9			28.0
108+73.88	TO	108+93.54	LT	1.4			20.1
109+47.93	TO	109+79.33	LT	2.1			32.0
110+60.44	TO	110+92.26	LT	2.1			31.8
111+53.66	TO	111+90.00	LT	2.4			36.4
111+79.16	TO	111+90.00	RT	0.7			10.8
GILBERT STREET							
201+81.24	TO	202+05.77	LT	1.6			24.0
202+80.92	TO	203+17.71	LT	2.4			36.0
203+90.53	TO	204+16.63	LT	1.8			26.1
204+90.00	TO	206+33.78	RT	10.5	157		
205+10.00	TO	206+33.78	LT	7.5	111.6		
206+33.78	TO	211+09.58	RT	39.1		488.5	
206+33.78	TO	211+08.83	LT	38.2		477.4	
211+35.61	TO	214+62.61	RT	27.6		344.7	
211+33.22	TO	212+89.61	LT	13.3		165.7	
213+06.77	TO	214+58.34	LT	12.8		159.6	
			TOTAL	178	342	1636	398

* SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

EROSION CONTROL SCHEDULE

LOCATION				PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
STATION	TO	STATION	LT/RT	FOOT	EACH
KINGSBURY DRIVE					
100+19.02	TO	106+00.00	LT/RT		2
GILBERT STREET					
200+10.79	TO	205+50.00	LT/RT		4
204+90.00	TO	206+09.08	RT	136.2	
205+50.00	TO	210+50.00	LT/RT		12
206+23.27	TO	207+81.10	RT	172.9	
206+97.09	TO	207+66.02	LT	69	
207+82.08	TO	208+20.50	LT	45	
208+33.02	TO	209+00.00	LT	72.7	
210+50.00	TO	214+64.44	LT/RT		9
			TOTAL:	497	27

HOT-MIX ASPHALT PAVING SCHEDULE

LOCATION				HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 *	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	PORTLAND CEMENT CONCRETE BASE COURSE (VARIABLE DEPTH)	BITUMINOUS MATERIALS (TACK COAT) *
STATION	TO	STATION	LT/RT	TON	TON	SQ YD	POUND
KINGSBURY DRIVE							
100+19.02	TO	111+90.00	LT/RT	253.2	5.0		1396.7
GILBERT STREET							
200+10.79	TO	214+64.44	LT/RT	365.7	420.0		2938.5
206+94.20	TO	211+11.70	RT			58.3	
209+03.57	TO	210+99.41	LT			28.1	
211+39.52	TO	214+56.91	RT			56.9	
211+73.90	TO	214+53.81	LT			31.7	
			TOTAL:	619	425	175	4335

* SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITIES

DRAINAGE SCHEDULE

LOCATION			INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 3 FRAME AND GRATE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	INLETS, SPECIAL, NO. 1
STATION	OFFSET	LT/RT	EACH	EACH	EACH	EACH	EACH
KINGSBURY DRIVE							
100+42.58	19.79	LT					1
GILBERT STREET							
204+95.00	14.67	RT	1				
205+50.00	14.61	RT	1				
205+15.00	13.88	LT	1				
205+50.00	13.85	LT		1			
206+00.00	14.00	RT	1				
206+00.00	14.36	LT		1			
206+62.41	15.39	LT		1			
206+69.32	15.29	LT		1			
207+17.41	14.93	LT			1		
206+62.54	14.61	RT	1				
206+68.93	14.7	RT	1				
207+13.15	15.06	RT			1		
208+05.00	15.00	LT	1				
208+05.00	15.00	RT	1				
209+08.87	15.00	LT	1				
209+08.97	15.00	RT	1				
210+87.05	15.00	LT	1				
210+87.05	15.00	RT	1				
211+51.50	15.00	LT	1				
211+51.50	15.00	RT	1				
212+75.33	15.00	LT	1				
212+75.33	15.00	RT	1				
214+41.93	15.00	RT	1				
214+41.93	15.00	LT	1				
214+50.00	15.78	LT	1				
215+05.00	15.55	RT				1	
215+05.64	12.75	LT				1	
		TOTAL:	19	4	2	2	1

PAVEMENT PATCHING SCHEDULE

LOCATION				CLASS D PATCHES, TYPE II, 8 INCH	CLASS D PATCHES, TYPE III, 8 INCH	CLASS D PATCHES, TYPE IV, 8 INCH
STATION	TO	STATION	LT/RT	SQ YD	SQ YD	SQ YD
GILBERT STREET						
201+50.00	TO	203+50.00	LT			220.5
204+50.00	TO	205+06.77	LT			41.7
204+92.72	TO	205+17.38	LT/RT		17.5	
205+07.84	TO	205+47.51	LT			28.3
205+47.51	TO	205+52.51	LT/RT	14.1		
205+52.51	TO	205+97.49	LT			33.9
205+97.49	TO	206+02.49	LT/RT	14.1		
206+02.49	TO	206+41.47	LT			29.4
208+02.50	TO	208+07.50	LT/RT	14.1		
209+06.37	TO	209+11.37	LT/RT	13.3		
210+84.55	TO	210+89.55	LT/RT	13.2		
210+99.41	TO	211+49.00	LT		17.5	
211+49.00	TO	211+54.00	LT/RT	13.4		
212+72.83	TO	212+77.83	LT/RT	12.9		
214+47.55	TO	215+04.52	LT		24.3	
214+56.91	TO	214+99.77	RT		19.0	
			TOTAL:	95	78	354

PAVEMENT MARKING SCHEDULE

LOCATION					PAINT PAVEMENT MARKING	
					LINE 12"	LINE 24"
					WHITE	WHITE
STATION	TO	STATION	LOCATION	TYPE	FOOT	FOOT
KINGSBURY DRIVE						
100+19.02	TO	100+25.07	Crosswalk Line	Single White Line	10.5	
100+19.02	TO	100+25.07	Crosswalk Line	Single White Line	11.5	
100+25.27	TO	100+32.27	Crosswalk Line	Single White Line		56.0
100+36.27	TO	100+38.27	Stop Bar	Single White Line		13.9
104+93.60	TO	105+55.58	Crosswalk Line	Single White Line		101.3
105+06.34	TO	105+25.76	Stop Bar	Single White Line		19.4
105+25.60	TO	105+39.45	Stop Bar	Single White Line		13.9
110+99.00	TO	111+01.00	Stop Bar	Single White Line		10.5
111+81.63	TO	111+88.63	Crosswalk Line	Single White Line		35.0
111+92.63	TO	111+95.63	Stop Bar	Single White Line		10.5
GILBERT STREET						
200+27.81	TO	200+29.81	Stop Bar	Single White Line		12.9
210+89.35	TO	210+96.35	Crosswalk Line	Single White Line		42.0
211+07.84	TO	211+37.35	Crosswalk Line	Single White Line		47.0
211+10.29	TO	211+21.05	Stop Bar	Single White Line		10.8
211+22.60	TO	211+33.29	Stop Bar	Single White Line		10.7
214+53.30	TO	214+56.30	Stop Bar	Single White Line		13.0
TOTAL:					22	397

DRAINAGE REMOVAL SCHEDULE

LOCATION				PIPE CULVERT REMOVAL	REMOVING INLETS
STATION	TO	STATION	NOTES	FOOT	EACH
KINGSBURY DRIVE					
100+41.59			LT		1
GILBERT STREET					
207+11.68	TO	207+13.28	RT	9.5	
207+17.19	TO	207+18.89	LT	9.5	
207+40.97	TO	207+54.27	LT	21.5	
207+54.27			LT		1
207+54.27	TO	207+84.22	LT	30.2	
207+78.09	TO	207+98.04	RT	20.0	
208+11.33	TO	208+35.52	LT	24.2	
208+82.70	TO	209+02.88	RT	20.2	
209+35.51	TO	209+67.90	LT	32.6	
209+85.31	TO	210+05.19	RT	19.9	
210+25.79	TO	210+41.95	LT	16.2	
210+35.21	TO	210+51.55	RT	16.4	
212+41.19	TO	212+53.53	RT	12.3	
212+44.59	TO	212+64.72	LT	20.1	
213+17.08	TO	213+29.46	LT	12.4	
213+70.88	TO	213+79.58	LT	8.7	
214+52.20	TO		LT		1
214+52.20	TO	215+05.64	LT	53.5	
214+56.91	TO	214+97.15	RT	40.2	
			TOTAL:	367	3

SIGNAGE SCHEDULE

LOCATION			DESCRIPTION					SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STATION			SIGN	SHAPE	SIZE			SQ FT	FOOT
GILBERT STREET									
204+35.00	17.00	RT	W1-1L	REC	30	X	30	6.25	21.7
204+35.00	17.00	RT	W13-1P	REC	18	X	18	2.25	
205+20.00	17.00	RT	W1-8R	REC	18	X	24	3.00	18.7
205+60.00	17.00	RT	W1-8L	REC	18	X	24	3.00	18.7
205+60.00	17.00	RT	W1-8R	REC	18	X	24	3.00	
206+00.00	17.00	RT	W1-8L	REC	18	X	24	3.00	18.7
206+00.00	17.00	RT	W1-8R	REC	18	X	24	3.00	
206+40.00	17.00	RT	W1-8L	REC	18	X	24	3.00	18.7
207+50.00	16.60	LT	W1-1L	REC	30	X	30	6.25	21.7
207+50.00	16.60	LT	W13-1P	REC	18	X	18	2.25	
208+35.57	17.75	RT	W11-2	REC	30	X	30	6.25	22.2
208+35.57	17.75	RT	W16-9P	REC	24	X	12	2.00	
210+85.57	17.75	RT	W11-2	REC	30	X	30	6.25	22.2
210+85.57	17.75	RT	W16-7P	REC	24	X	12	2.00	
210+98.56	18.62	LT	W11-2	REC	30	X	30	6.25	22.2
210+98.56	18.62	LT	W16-7P	REC	24	X	12	2.00	
213+48.56	18.62	LT	W11-2	REC	30	X	30	6.25	22.2
213+48.56	18.62	LT	W16-9P	REC	24	X	12	2.00	
							TOTAL:	68	207

REMOVAL SCHEDULE

LOCATION				HOT-MIX APSHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	RETAINING WALL REMOVAL
STATION	TO	STATION	NOTES	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	SQ FT	FOOT
KINGSBURY DRIVE											
100+19.02	TO	111+90.00	LT/RT	3014.2							
100+22.08	TO	100+48.39	RT						37.9		
100+22.67	TO	100+47.39	LT						36.4		
100+24.75	TO	100+44.16	RT							131.1	
100+24.91	TO	100+44.56	LT							141.9	
101+02.96	TO	101+05.31	LT							23.7	
102+77.01	TO	102+96.28	LT						19.0		
102+79.35	TO	102+93.79	LT				13.8				
104+13.35	TO	104+17.25	LT							39.2	
104+78.31	TO	105+10.29	LT						41.3		
105+40.99	TO	105+67.16	LT						36.2		
106+35.13	TO	106+90.79	LT						57.0		
106+38.69	TO	106+89.84	LT				60.7				
107+74.48	TO	108+01.84	LT						28.0		
107+76.87	TO	107+98.98	LT				27.4				
108+73.88	TO	108+93.54	LT						20.1		
108+77.89	TO	108+89.44	LT				12.9				
109+47.93	TO	109+79.33	LT						32.0		
109+49.29	TO	109+66.25	LT				18.7				
110+60.44	TO	110+92.26	LT						31.8		
110+62.52	TO	110+79.31	LT				13.3				
111+53.66	TO	111+90.00	LT						36.4		
111+57.15	TO	111+77.85	LT				21.8				
GILBERT STREET											
200+10.79	TO	201+50.00	LT/RT	431.3							
202+50.00	TO	205+01.67	RT	365.8							
204+00.00	TO	204+50.00	LT	70.5							
204+98.70	TO	206+41.47	RT	192.0							
205+13.15	TO	206+41.47	LT	71.7							
206+41.47	TO	209+00.00	LT	364.5							
207+10.00	TO	209+00.00	RT	180.6							
209+00.00	TO	210+50.00	RT	185.6							
211+00.00	TO	211+50.00	LT/RT	215.9							
211+87.56	TO	212+72.83	RT	106.6							
201+50.00	TO	202+50.00	RT		147.5						
201+50.00	TO	204+00.00	LT		137.3						
204+50.00	TO	205+00.00	LT		31.5						
208+50.00	TO	209+00.00	LT		61.7						
201+81.24	TO	202+05.77	LT					24.0			
201+83.45	TO	202+05.18	LT				17.6				
202+80.92	TO	203+17.71	LT					36.0			
202+84.55	TO	203+14.88	LT				41.3				
203+90.53	TO	204+16.63	LT					26.1			
203+95.00	TO	204+14.80	LT				19.3				
204+90.00	TO	206+92.30	RT					219.4			
205+10.00	TO	207+17.22	RT					202.8			
205+53.97	TO	205+85.57	LT							40.1	
205+83.68	TO	206+94.70	RT			10.6					
206+03.73	TO	206+32.62	RT				40.7				
206+56.13	TO	209+03.57	LT			64.0					
206+74.77	TO	207+03.89	LT				34.0				
208+81.58	TO	209+03.17	RT				47.8				
212+82.26	TO	213+05.52	RT				25.2				
214+21.30	TO	214+29.98	RT							53.9	
209+34.79	TO	209+35.46	LT								8.7
209+66.85	TO	209+67.21	LT								4.8
			TOTAL:	5,199	378	75	394	508	376	430	14

SIDEWALK SCHEDULE

LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS
STATION	TO	STATION	LT/RT	SQ FT	SQ FT
KINGSBURY DRIVE					
100+24.75	TO	100+40.65	RT	152.7	
100+26.76	TO	104+96.67	LT	2347.4	
100+27.06	TO	100+32.05	LT		10.0
100+27.17	TO	100+32.21	RT		10.0
104+83.38	TO	104+95.84	LT		22.0
105+51.27	TO	111+88.29	LT	2562.2	
105+51.99	TO	105+62.78	LT		20.8
111+82.71	TO	111+87.71	LT		10.0
111+82.71	TO	111+87.71	RT		10.0
GILBERT STREET					
200+12.74	TO	210+95.93	LT	4593.6	
210+89.76	TO	211+08.55	RT	124.3	
210+90.35	TO	210+95.35	LT		10.0
210+90.35	TO	210+95.35	RT		10.0
211+03.23	TO	211+05.23	RT		10.0
211+36.65	TO	214+61.81	RT	1455.7	
211+39.97	TO	211+41.97	RT		10.0
214+57.45	TO	214+59.45	RT		10.0
			TOTAL:	11236	133

ADJUSTMENT SCHEDULE

LOCATION			WATER VALVES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED
STATION	OFFSET	LT/RT	EACH	EACH	EACH
KINGSBURY DRIVE					
100+41.39	15.27	RT			1
111+73.12	15.63	RT	1		
GILBERT STREET					
200+21.14	15.09	RT	1		
210+23.65	17.81	LT	1		
211+68.85	8.10	RT		1	
		TOTAL:	3	1	1

MODEL: Default
FILE NAME: P:\2020\201329A\4 CADD - DWG\4.7 TranCADD Sheets\201329A-Sh-Sched.dgn

TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

VILLAGE OF SWANSEA IMPROVEMENTS

SCHEDULE OF QUANTITIES

SCALE: | SHEET 3 OF 5 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	9
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	

STORM SEWER SCHEDULE

LOCATION										STORM SEWER, CLASS A, TYPE 1		STORM SEWER (WATER MAIN REQUIREMENTS)	TRENCH BACKFILL
										12 INCH	15 INCH	12 INCH	
PIPE	STR.	STATION	OFFSET	LT/RT	TO	STR.	STATION	OFFSET	LT/RT	FOOT	FOOT	FOOT	CU YD
GILBERT STREET													
P-1-1	P-1-1	204+95.00	14.67	RT	TO	P-1-3	205+15.00	13.88	LT			32.1	4.2
P-1-2	P-1-2	205+50.00	14.61	RT	TO	P-1-4	205+50.00	13.85	LT			25.6	3.4
P-1-3	P-1-3	205+15.00	13.88	LT	TO	P-1-4	205+50.00	13.85	LT			30.3	4.0
P-1-4	P-1-4	205+50.00	13.85	LT	TO	P-1-6	206+00.00	14.36	LT	41.0			5.8
P-1-5	P-1-5	206+00.00	14.00	RT	TO	P-1-6	206+00.00	14.36	LT			25.5	3.4
P-1-6	P-1-6	206+00.00	14.36	LT	TO	P-1-7	206+62.41	15.39	LT		53.1		7.0
P-1-7	P-1-7	206+62.41	15.39	LT	TO	P-1-8	206+69.32	15.29	LT		3.6		0.5
P-1-8	P-1-8	206+69.32	15.29	LT	TO	P-1-9	207+17.41	14.93	LT		40.7		8.2
P-1-10	P-1-10	206+62.54	14.61	RT	TO	P-1-11	206+68.93	14.70	RT	4.7			0.6
P-1-11	P-1-11	206+68.93	14.70	RT	TO	P-1-12	207+13.15	15.06	RT	40.9			6.2
P-1-13	P-1-13	208+05.00	15.00	LT	TO	P-1-9	207+17.41	14.93	LT	80.5			13.9
P-1-14	P-1-14	208+05.00	15.00	RT	TO	P-1-13	208+05.00	15.00	LT			27.1	3.6
P-1-15	P-1-15	208+05.00	21.50	RT	TO	P-1-14	208+05.00	15.00	RT			5.9	0.8
P-1-16	P-1-16	209+08.87	15.00	LT	TO	P-1-13	208+05.00	15.00	LT			101.9	13.5
P-1-17	P-1-17	209+08.97	15.00	RT	TO	P-1-16	209+08.87	15.00	LT			27.1	3.6
P-1-18	P-1-18	210+87.05	15.00	LT	TO	P-1-16	209+08.87	15.00	LT			176.2	23.3
P-1-19	P-1-19	210+87.05	15.00	RT	TO	P-1-18	210+87.05	15.00	LT			27.1	3.6
P-1-20	P-1-20	211+51.50	15.00	LT	TO	P-1-18	210+87.05	15.00	LT	62.5			8.3
P-1-21	P-1-21	211+51.50	15.00	RT	TO	P-1-20	211+51.50	15.00	LT			27.1	3.6
P-2-1	P-2-1	212+75.33	15.00	LT	TO	P-2-2	212+75.33	15.00	RT			27.1	3.6
P-2-2	P-2-2	212+75.33	15.00	RT	TO	P-2-3	214+41.93	15.00	RT			164.6	21.7
P-2-3	P-2-3	214+41.93	15.00	RT	TO	P-2OUT	215+05.00	15.55	RT	56			7.4
P-3-1	P-3-1	214+41.93	15.00	LT	TO	P-3-2	214+50.00	15.78	LT	6.3			0.8
P-3-2	P-3-2	214+50.00	15.78	LT	TO	P-3OUT	215+05.64	12.75	LT	48.5			6.4
										340	97	698	120

TREE REMOVAL SCHEDULE

LOCATION			TREE REMOVAL (OVER 15 UNITS DIAMETER)
STATION	OFFSET	LT/RT	EACH
GILBERT STREET			
205+23.84	22.55	LT	30
205+69.04	23.86	LT	30
		TOTAL:	60

SEEDING SCHEDULE

LOCATION				SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING (POUND) (2 APPL.)
STATION	TO	STATION	LT/RT	ACRE	POUND	POUND	POUND	ACRE	POUND
KINGSBURY DRIVE									
100+22.59	TO	100+46.66	RT	0.003	0.3	0.3	0.3	0.003	0.6
100+23.40	TO	105+00.62	LT	0.045	4.1	4.1	4.1	0.045	9.0
105+47.81	TO	111+91.78	LT	0.058	5.2	5.2	5.2	0.058	11.6
GILBERT STREET									
200+12.20	TO	211+08.25	LT	0.128	11.5	11.5	11.5	0.128	25.6
204+90.00	TO	211+09.00	RT	0.077	6.9	6.9	6.9	0.077	15.4
211+33.78	TO	214+57.77	LT	0.030	2.7	2.7	2.7	0.030	6.0
211+36.19	TO	214+66.92	RT	0.054	4.9	4.9	4.9	0.054	10.8
			TOTAL:	0.40	35.60	35.60	35.60	0.40	79.00
			PAY TOTAL:	0.50	36	36	36	0.50	79

EARTHWORK SCHEDULE

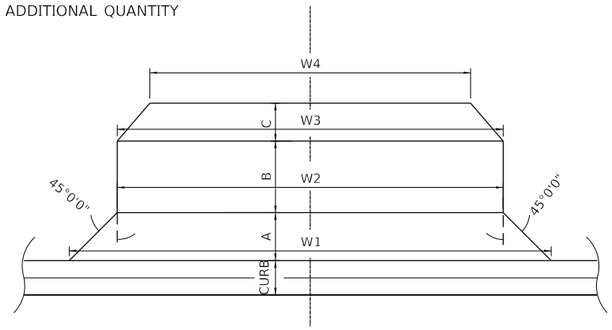
			EARTH EXCAVATION	FOR INFORMATION ONLY			FURNISHED EXCAVATION
				EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)	
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD
KINGSBURY DRIVE							
100+19.02	TO	111+90.00	83	62.3	3	59	-59
GILBERT STREET							
200+10.79	TO	214+64.44	188	141.0	299	-158	158
		PAY TOTAL:	270	203	302	-99	100

ENTRANCE SCHEDULE

LOCATION			DIMENSIONS							PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	AGGREGATE BASE COURSE, TYPE A *	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 **	BITUMINOUS MATERIALS (TACK COAT) **	NOTES
			LENGTH "A"	LENGTH "B"	LENGTH "C"	WIDTH "W1"	WIDTH "W2"	WIDTH "W3"	WIDTH "W4"					
STATION	LT/RT	TYPE	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ YD	TON	TON	POUND	
KINGSBURY DRIVE														
102+86.66	LT	PE	2.0	5.0	4.0	15.9	12.0	12.0	9.9	14.6	3.4			Depressed Curb
106+60.52	LT	PE	SEE PLANS							57.1	13.3			Depressed Curb
107+88.63	LT	PE	2.0	5.0	5.0	24.0	20.0	20.0	19.0	16.0	3.7	3.7	5.0	Depressed Curb
108+83.38	LT	PE	2.0	5.0	4.5	16.0	12.0	12.0	8.7	14.9	3.5			Depressed Curb
109+63.92	LT	PE	2.0	5.0	5.0	28.0	24.0	24.0	21.9	19.1	4.5	4.3	5.7	Depressed Curb
110+76.32	LT	PE	2.0	5.0	3.0	27.9	24.0	24.0	22.7	26.7	6.2			Depressed Curb
111+66.30	LT	PE	2.0	5.0	5.0	19.0	15.0	15.0	15.0	20.3	4.7			Depressed Curb
GILBERT STREET														
201+93.68	LT	PE	2.0	5.0	2.0	20.4	16.5	16.5	13.4	13.2	3.1	1.1	1.5	Depressed Curb
202+99.35	LT	PE	2.0	5.0	8.0	32.0	28.0	28.0	23.0	22.5	5.3	7.6	10.2	Depressed Curb
204+03.57	LT	PE	2.0	5.0	2.0	20.7	16.5	16.5	16.5	17.2	4.0			Depressed Curb
206+17.61	RT	PE	SEE PLANS							26.1	6.1	3.1	4.2	Depressed Curb
206+90.24	LT	PE	SEE PLANS							44.4	10.4			Depressed Curb
207+72.08	LT	PE	2.0	5.0	16.5	28.0	24.0	24.0	16.0	55.6	13.0			Depressed Curb
207+87.05	RT	PE	2.0	5.3	NA	18.0	14.0	12.5	NA	11.4	2.7			Depressed Curb
208+24.79	LT	PE	2.0	5.0	15.7	26.0	22.0	22.0	12.5	47.7	11.1			Depressed Curb
208+91.53	RT	PE	2.0	5.0	17.5	18.0	14.0	14.0	14.0	11.3	2.6	9.2	12.3	Depressed Curb
209+51.40	LT	PE	2.0	5.0	3.0	35.0	31.0	31.0	30.5	35.1	8.2			Depressed Curb
209+96.76	RT	PE	2.0	2.0	NA	19.0	15.0	14.4	NA	7.0	1.6			Depressed Curb
210+42.55	RT	PE	2.0	3.9	NA	16.0	12.0	10.8	NA	8.0	1.9			Depressed Curb
211+94.50	RT	PE	3.5	5.0	3.0	13.9	12.0	12.0	9.4	15.3	3.6			Depressed Curb
212+03.53	LT	PE	2.0	5.0	NA	45.0	41.0	41.0	NA	32.0	7.5			Depressed Curb
212+47.57	RT	PE	3.5	5.0	3.0	19.0	12.0	12.0	8.8	16.2	3.8			Depressed Curb
212+52.76	LT	PE	2.0	5.0	NA	21.0	17.0	17.0	NA	13.5	3.2			Depressed Curb
212+94.31	RT	PE	3.5	5.0	3.0	22.0	15.0	12.0	9.5	14.7	3.4	1.2	1.6	Depressed Curb
213+44.10	RT	PE	3.5	5.0	7.5	19.0	12.0	12.0	10.5	22.1	5.2			Depressed Curb
							TOTAL:			582	136	30	41	

* SEE CURB AND GUTTER SCHEDULE FOR ADDITIONAL QUANTITY

** SEE HMA PAVING SCHEDULE FOR ADDITIONAL QUANTITY



PLAN VIEW

* TYP. ANGLE IS 45°
TO CALCULATE EXACT ANGLE
USE DIMENSIONS IN PLAN VIEW

RELOCATE SIGN PANEL AND POST SCHEDULE

LOCATION			RELOCATE SIGN PANEL AND POST
STATION	TO	STATION	EACH
KINGSBURY DRIVE			
100+19.02	TO	111+90.00	3
KENWOOD DRIVE/ GILBERT STREET			
200+10.79	TO	214+64.44	4
		TOTAL:	7

DRIVEWAY DETAIL

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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

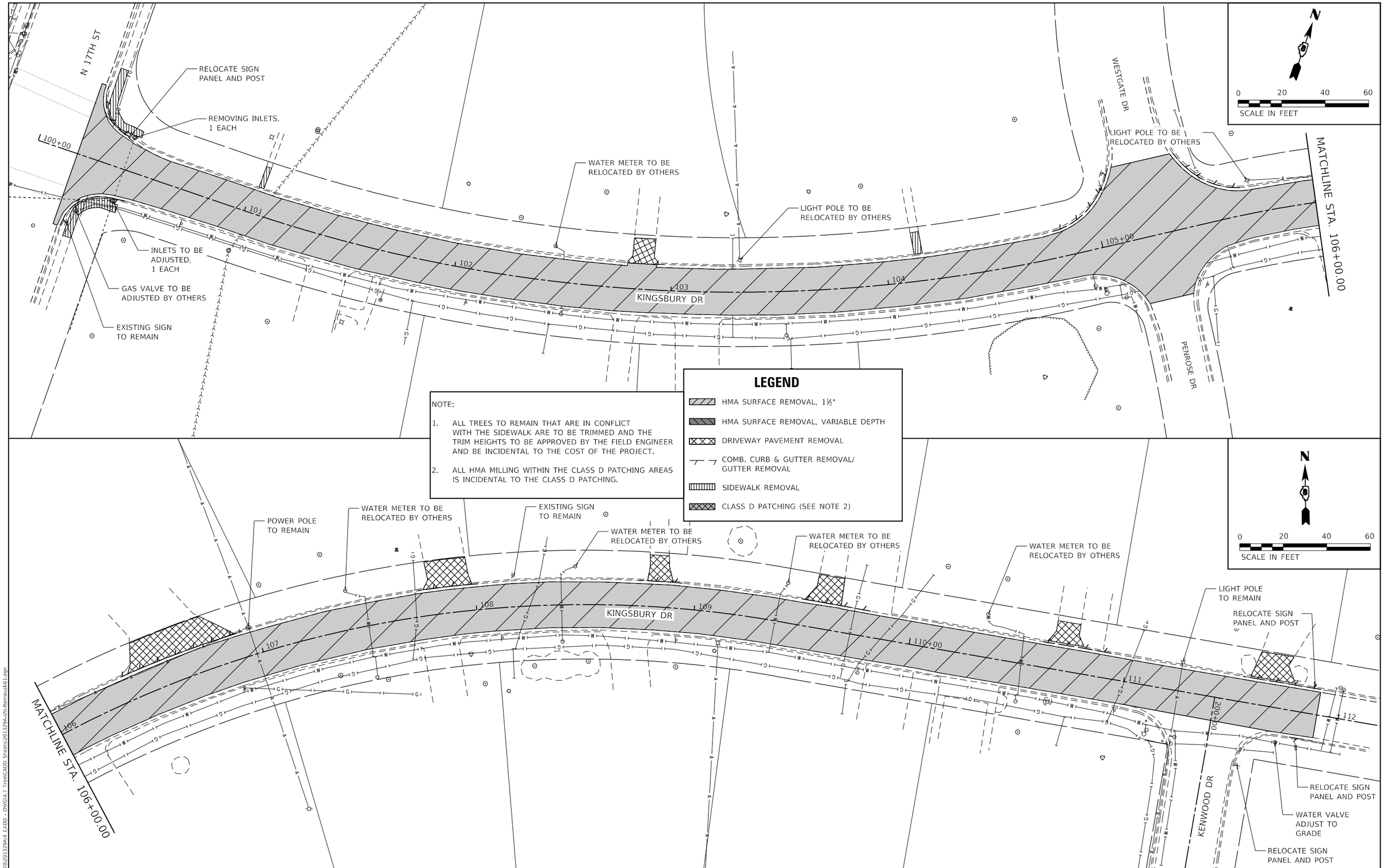
The Village of SWANSEA Est. 1898

VILLAGE OF SWANSEA IMPROVEMENTS

SCHEDULE OF QUANTITIES

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	11
		CONTRACT NO. 97855		
		ILLINOIS FED. AID PROJECT		



NOTE:

1. ALL TREES TO REMAIN THAT ARE IN CONFLICT WITH THE SIDEWALK ARE TO BE TRIMMED AND THE TRIM HEIGHTS TO BE APPROVED BY THE FIELD ENGINEER AND BE INCIDENTAL TO THE COST OF THE PROJECT.

2. ALL HMA MILLING WITHIN THE CLASS D PATCHING AREAS IS INCIDENTAL TO THE CLASS D PATCHING.

LEGEND

- HMA SURFACE REMOVAL, 1½"
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- COMB. CURB & GUTTER REMOVAL/ GUTTER REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHING (SEE NOTE 2)

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TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	IL DESIGN FIRM LICENSE NO: 184-001220		DRAWN - BAB	REVISED -	
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -	
		PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1998

VILLAGE OF SWANSEA IMPROVEMENTS

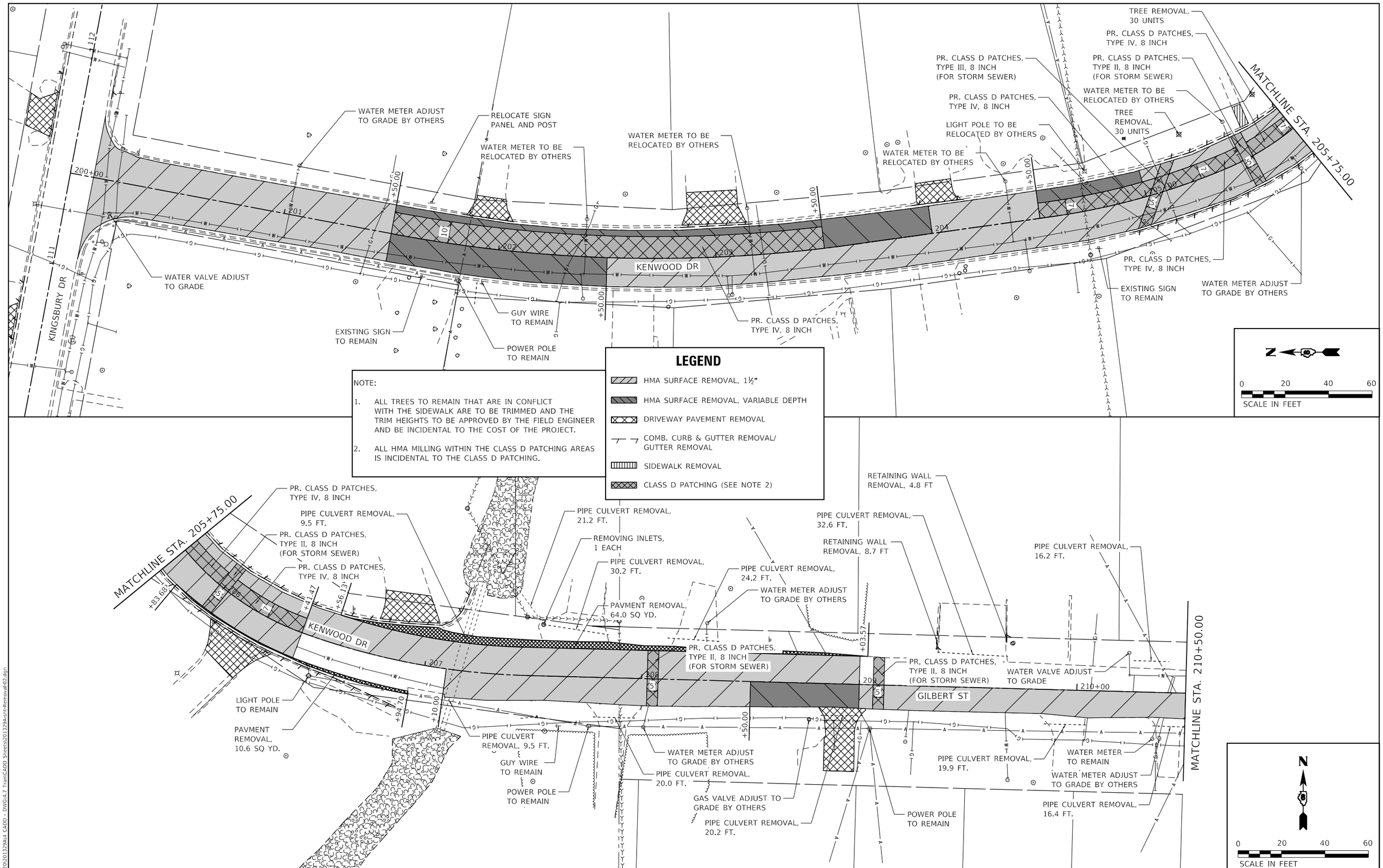
REMOVAL PLAN
KINGSBURY DRIVE

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 100+19.02 TO STA. 111+90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	12

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT



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	IL DESIGN FIRM LICENSE NO: 184-001220		DRAWN - BAB	REVISED -	
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -	
		PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1998

VILLAGE OF SWANSEA IMPROVEMENTS

REMOVAL PLAN
KENWOOD DRIVE/GILBERT STREET

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 200+10.79 TO STA. 210+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	13

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT

LEGEND

- HMA SURFACE REMOVAL, 1½"
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- COMB. CURB & GUTTER REMOVAL/ GUTTER REMOVAL
- SIDEWALK REMOVAL
- CLASS D PATCHING (SEE NOTE 2)

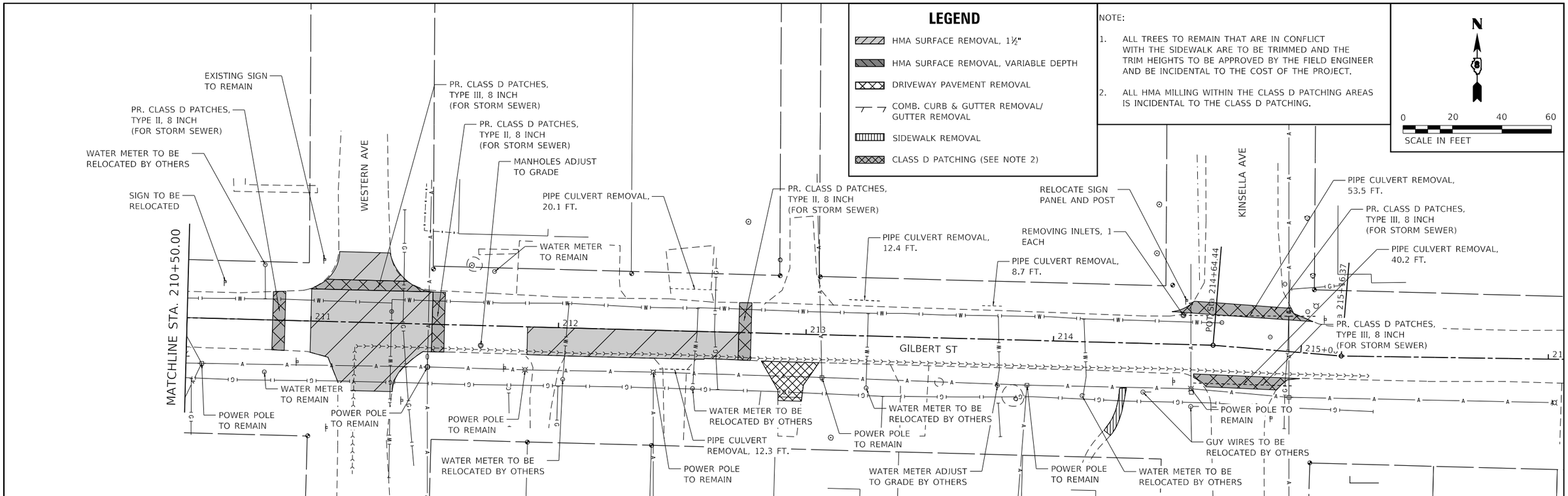
NOTE:

1. ALL TREES TO REMAIN THAT ARE IN CONFLICT WITH THE SIDEWALK ARE TO BE TRIMMED AND THE TRIM HEIGHTS TO BE APPROVED BY THE FIELD ENGINEER AND BE INCIDENTAL TO THE COST OF THE PROJECT.
2. ALL HMA MILLING WITHIN THE CLASS D PATCHING AREAS IS INCIDENTAL TO THE CLASS D PATCHING.

N

0 20 40 60

SCALE IN FEET



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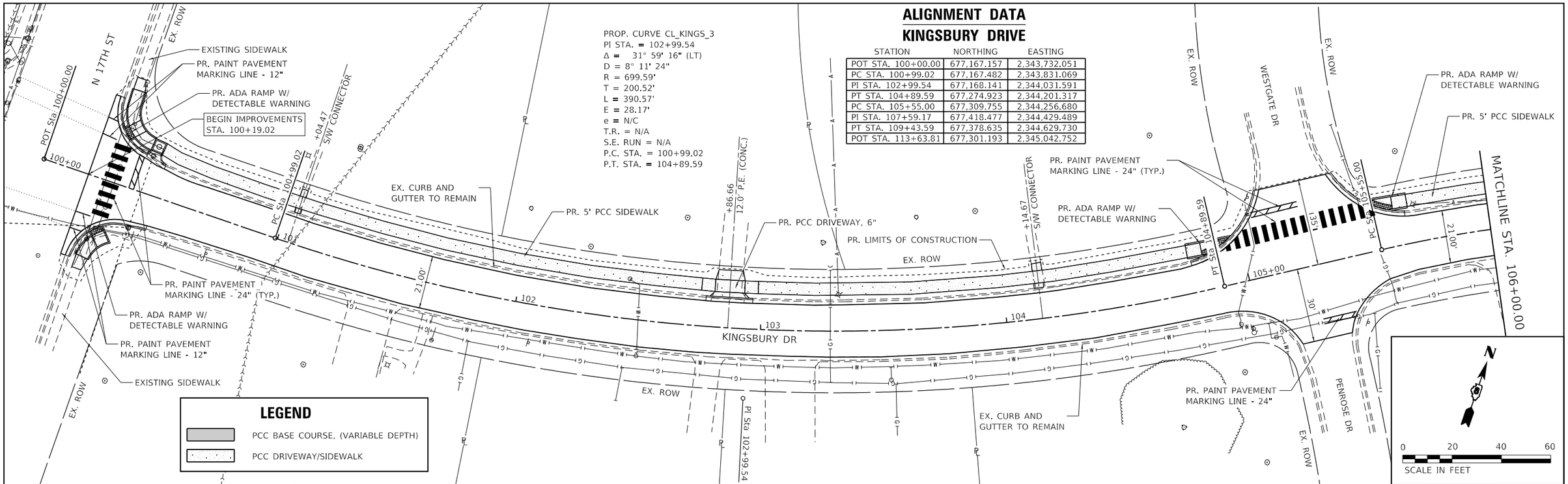
TWM ENGINEERING & GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	The Village of SWANSEA Est. 1998	VILLAGE OF SWANSEA IMPROVEMENTS	REMOVAL PLAN GILBERT STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
			DRAWN - BAB	REVISED -				9264	21-00039-00-RS	ST. CLAIR	44 / 14
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -						CONTRACT NO. 97855	
		PLOT DATE = 12/6/2024	DATE -	REVISED -			SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 210+50.00 TO STA. 214+64.44			ILLINOIS FED. AID PROJECT	

ALIGNMENT DATA
KINGSBURY DRIVE

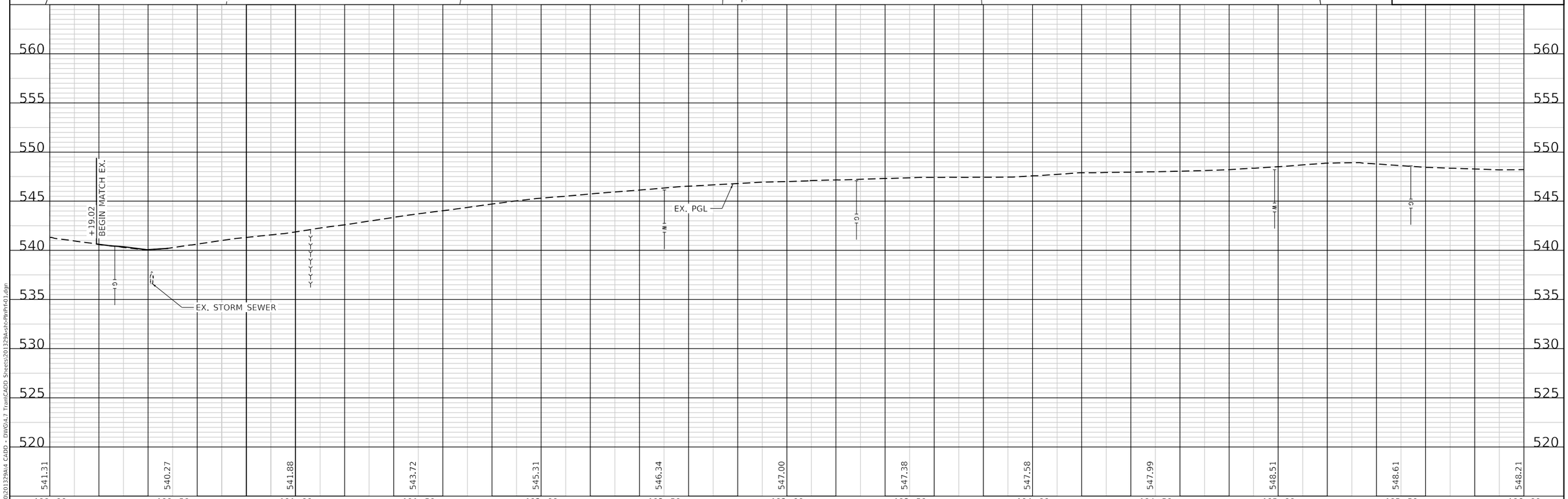
STATION	NORTHING	EASTING
POT STA. 100+00.00	677,167.157	2,343,732.051
PC STA. 100+99.02	677,167.482	2,343,831.069
PI STA. 102+99.54	677,168.141	2,344,031.591
PT STA. 104+89.59	677,274.923	2,344,201.317
PC STA. 105+55.00	677,309.755	2,344,256.680
PI STA. 107+59.17	677,418.477	2,344,429.489
PT STA. 109+43.59	677,378.635	2,344,629.730
POT STA. 113+63.81	677,301.193	2,345,042.752

PROP. CURVE CL_KINGS_3
PI STA. = 102+99.54
Δ = 31° 59' 16" (LT)
D = 8° 11' 24"
R = 699.59'
T = 200.52'
L = 390.57'
E = 28.17'
e = N/C
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 100+99.02
P.T. STA. = 104+89.59



LEGEND

- PCC BASE COURSE, (VARIABLE DEPTH)
- PCC DRIVEWAY/SIDEWALK



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

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TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -
			DRAWN - BAB	REVISED -
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -
		PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1988

VILLAGE OF SWANSEA

PLAN AND PROFILE
KINGSBURY DR

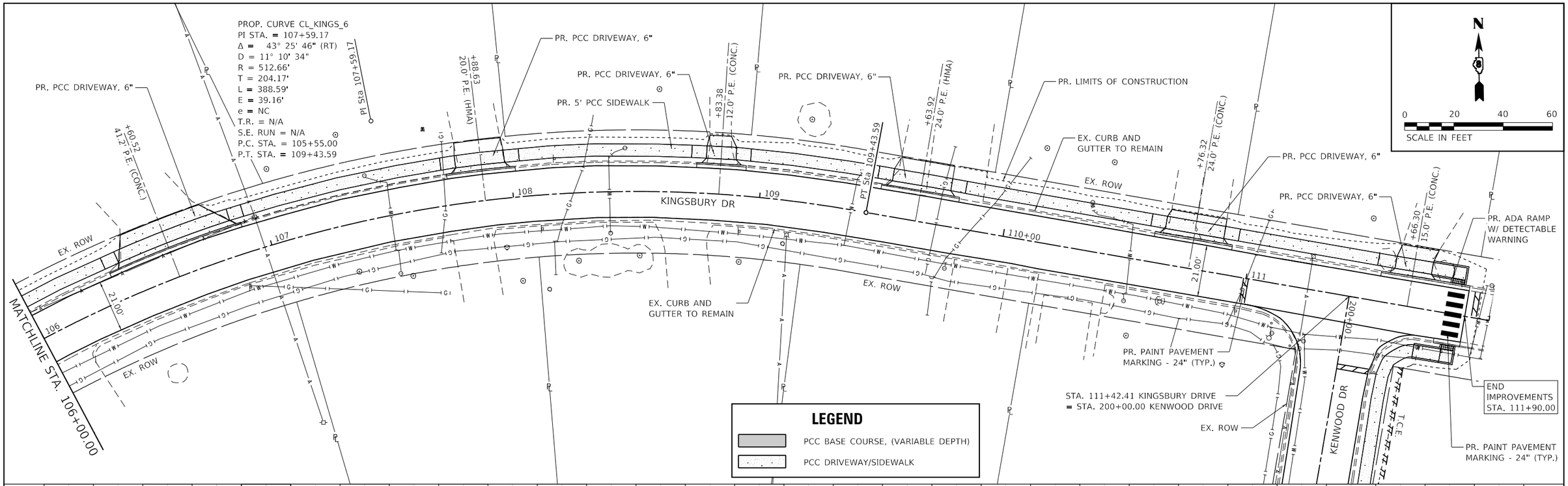
SCALE: 1"=20' | SHEET 1 OF 5 SHEETS | STA. 100+18.74 TO STA. 106+00.00

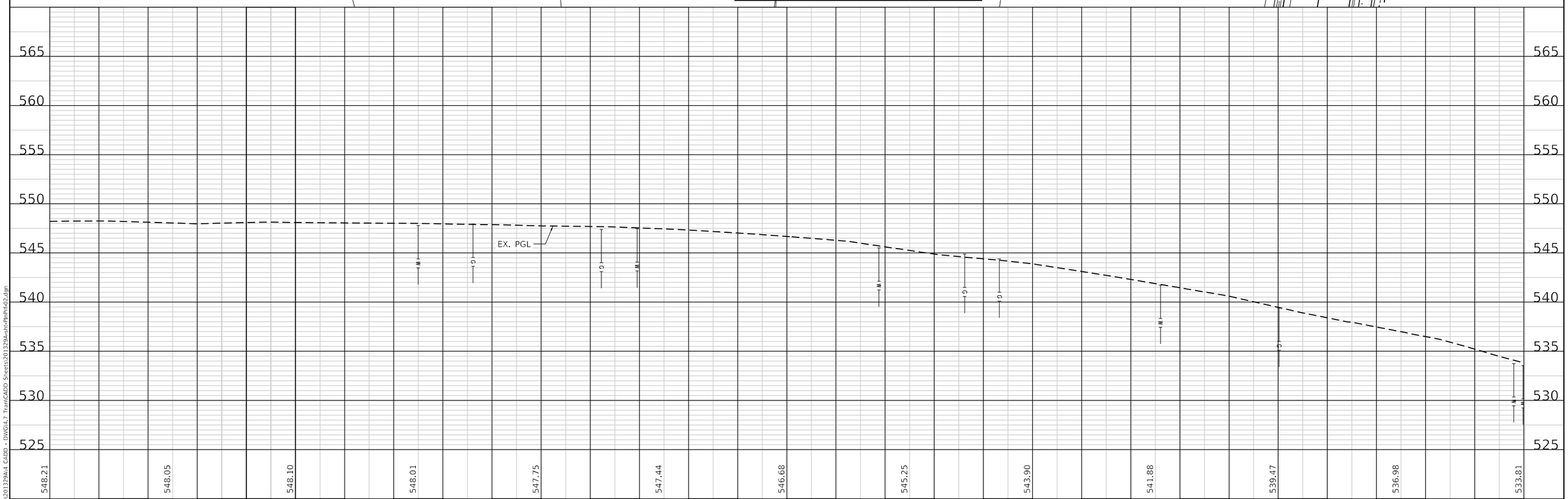
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	15

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT

PROP. CURVE CL_KINGS_6
PI STA. = 107+59.17
Δ = 43° 25' 46" (RT)
D = 11° 10' 34"
R = 512.66'
T = 204.17'
L = 388.59'
E = 39.16'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 105+55.00
P.T. STA. = 109+43.59





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

PROFILE	BY	DATE
SURVEYED		
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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

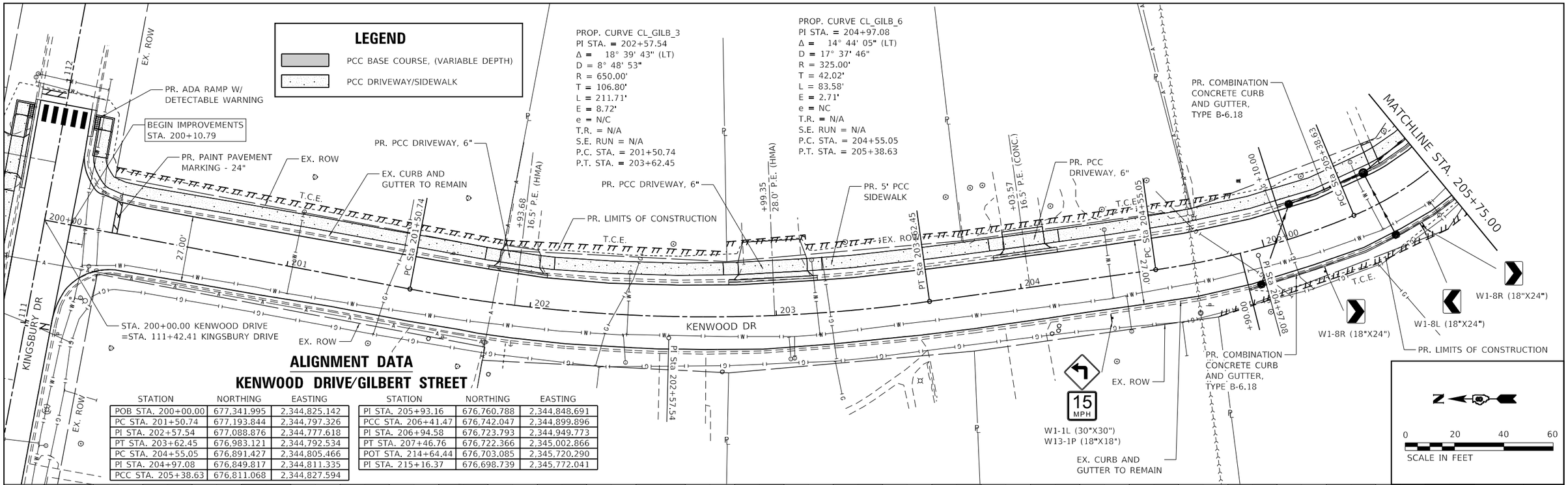
VILLAGE OF SWANSEA

PLAN AND PROFILE
KINGSBURY DR

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 106+00.00 TO STA. 111+70.91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	16

CONTRACT NO. 97855
ILLINOIS | FED. AID PROJECT



ALIGNMENT DATA
KENWOOD DRIVE/GILBERT STREET

STATION	NORTHING	EASTING
POB STA. 200+00.00	677,341.995	2,344,825.142
PC STA. 201+50.74	677,193.844	2,344,797.326
PI STA. 202+57.54	677,088.876	2,344,777.618
PT STA. 203+62.45	676,983.121	2,344,792.534
PC STA. 204+55.05	676,891.427	2,344,805.466
PI STA. 204+97.08	676,849.817	2,344,811.335
PCC STA. 205+38.63	676,811.068	2,344,827.594

STATION	NORTHING	EASTING
PI STA. 205+93.16	676,760.788	2,344,848.691
PCC STA. 206+41.47	676,742.047	2,344,899.896
PI STA. 206+94.58	676,723.793	2,344,949.773
PT STA. 207+46.76	676,722.366	2,345,002.866
POT STA. 214+64.44	676,703.085	2,345,720.290
PI STA. 215+16.37	676,698.739	2,345,772.041

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

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CHK'D — NOTE BOOK NO. — BY — DATE

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TWM ENGINEERING GEOSPATIAL SERVICES — TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -
		DRAWN - BAB	REVISED -
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	PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1986

VILLAGE OF SWANSEA

PLAN AND PROFILE
KENWOOD DR

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 200+10.79 TO STA. 205+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	17

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT

PROP. CURVE CL_GILB_7
PI STA. = 205+93.16
Δ = 47° 08' 06" (LT)
D = 45° 50' 12"
R = 125.00'
T = 54.53'
L = 102.83'
E = 11.38'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 205+38.63
P.T. STA. = 206+41.47

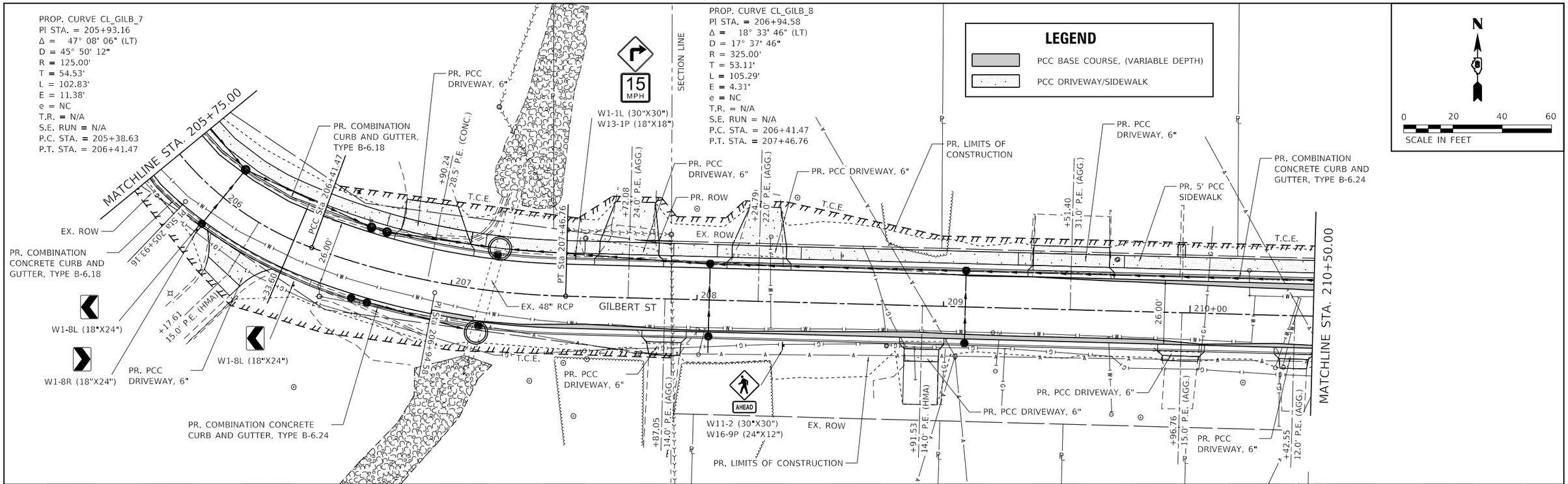
PROP. CURVE CL_GILB_8
PI STA. = 206+94.58
Δ = 18° 33' 46" (LT)
D = 17° 37' 46"
R = 325.00'
T = 53.11'
L = 105.29'
E = 4.31'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 206+41.47
P.T. STA. = 207+46.76

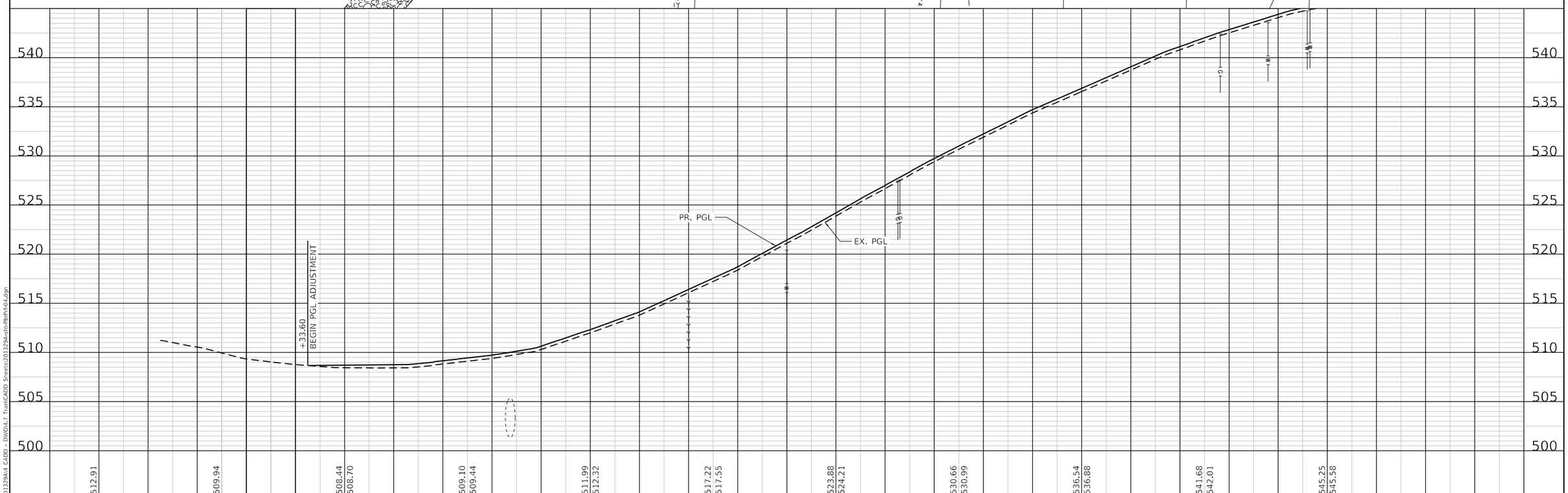
LEGEND

- PCC BASE COURSE, (VARIABLE DEPTH)
- PCC DRIVEWAY/SIDEWALK

N

0 20 40 60
SCALE IN FEET





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

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BM. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1895

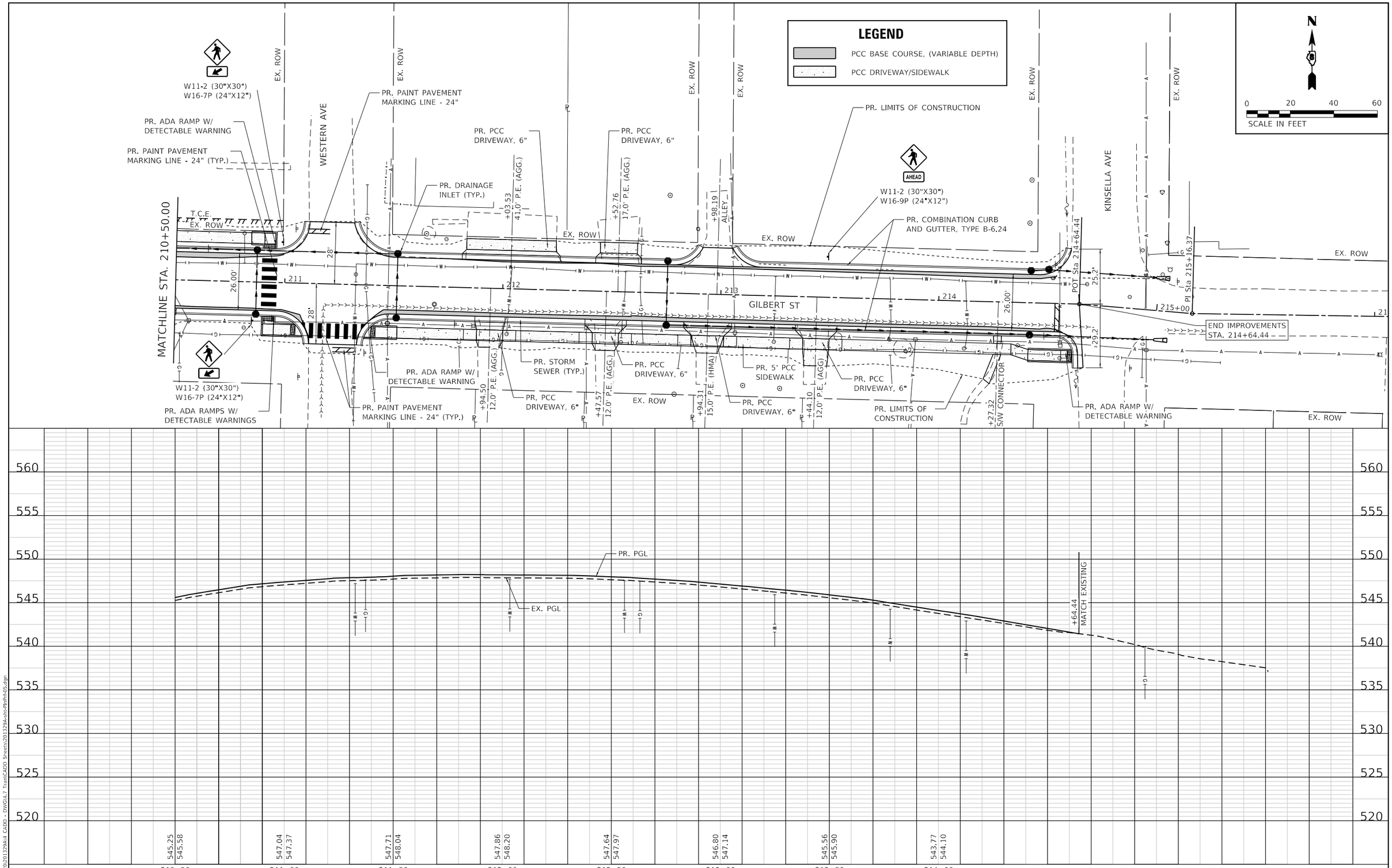
VILLAGE OF SWANSEA

PLAN AND PROFILE
KENWOOD DR / GILBERT ST

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. 205+50.00 TO STA. 210+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	18

CONTRACT NO. 97855
ILLINOIS | FED. AID PROJECT



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

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

MODEL: Default
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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

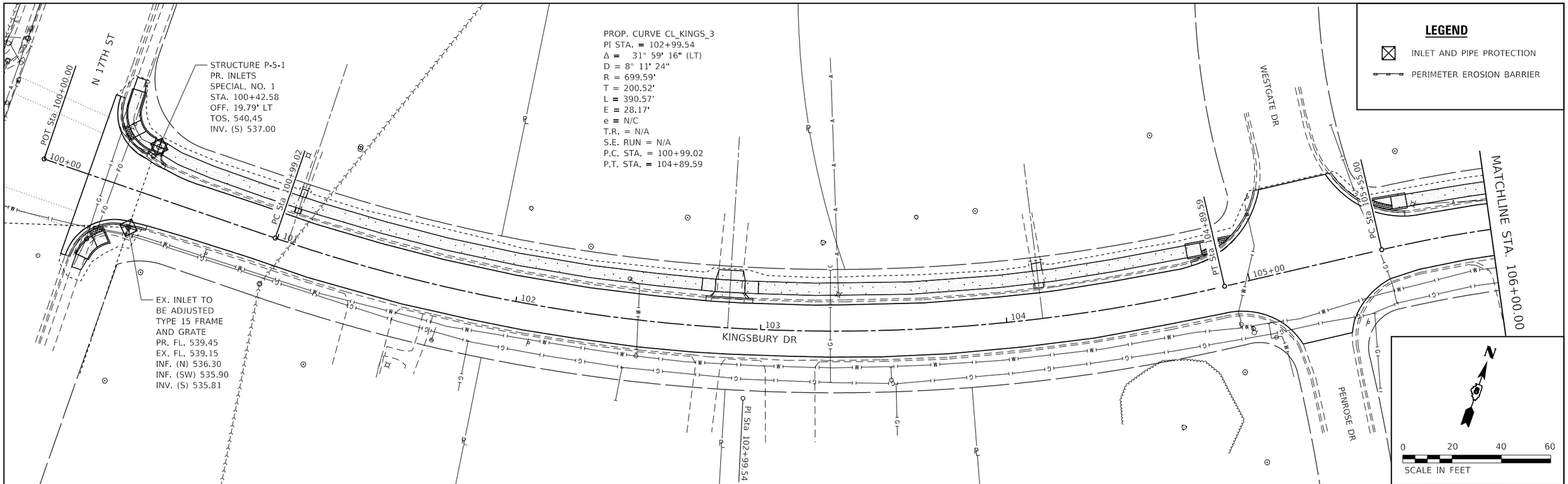
The Village of SWANSEA Est. 1986

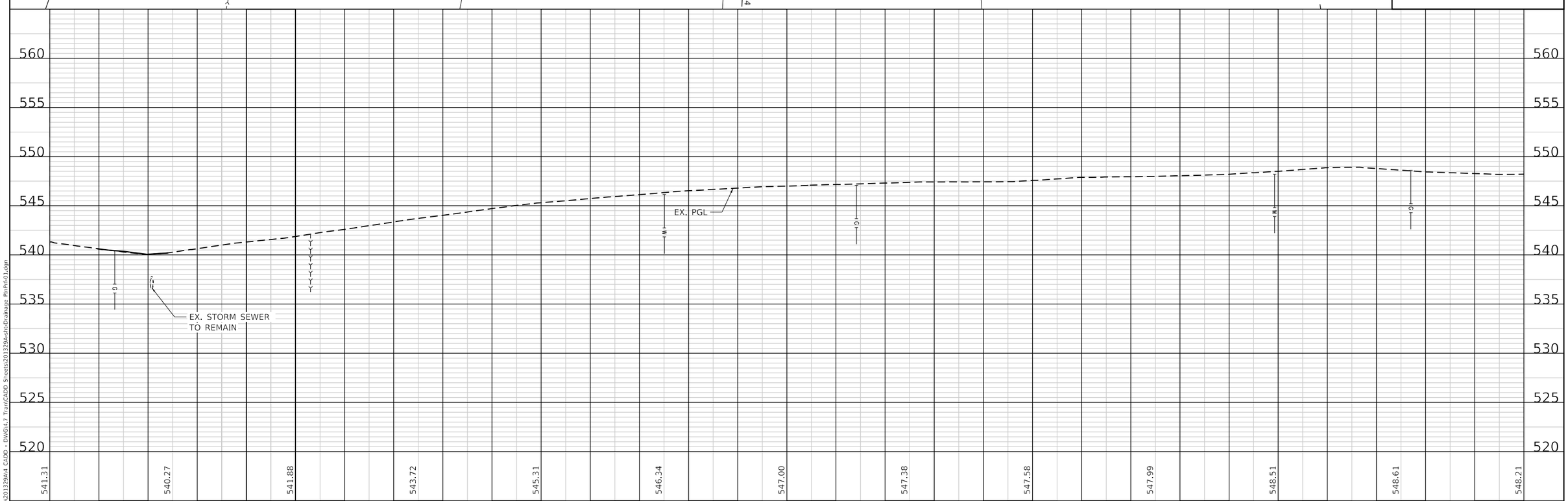
VILLAGE OF SWANSEA

PLAN AND PROFILE
GILBERT ST

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. 210+50.00 TO STA. 214+64.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	19
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	





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

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

MODEL: Default
FILE NAME: P:\2020\201329A\4 CADD - DWG\4.7 Tran\CADD Sheets\201329A-sht-Drainage PlnPrf-01.dgn

TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	The Village of SWANSEA Est. 1908	VILLAGE OF SWANSEA	DRAINAGE AND EROSION CONTROL KINGSBURY DR	F.A.U. RTE. 9264	SECTION 21-00039-00-RS
		PLOT SCALE = 40.0000 ' / in.	DRAWN - BAB	REVISED -				COUNTY ST. CLAIR	TOTAL SHEETS 44 / SHEET NO. 20
		PLOT DATE = 12/6/2024	CHECKED - SJK	REVISED -			SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 100+19.02 TO STA. 106+00.00	CONTRACT NO. 97855	
			DATE -	REVISED -				ILLINOIS FED. AID PROJECT	

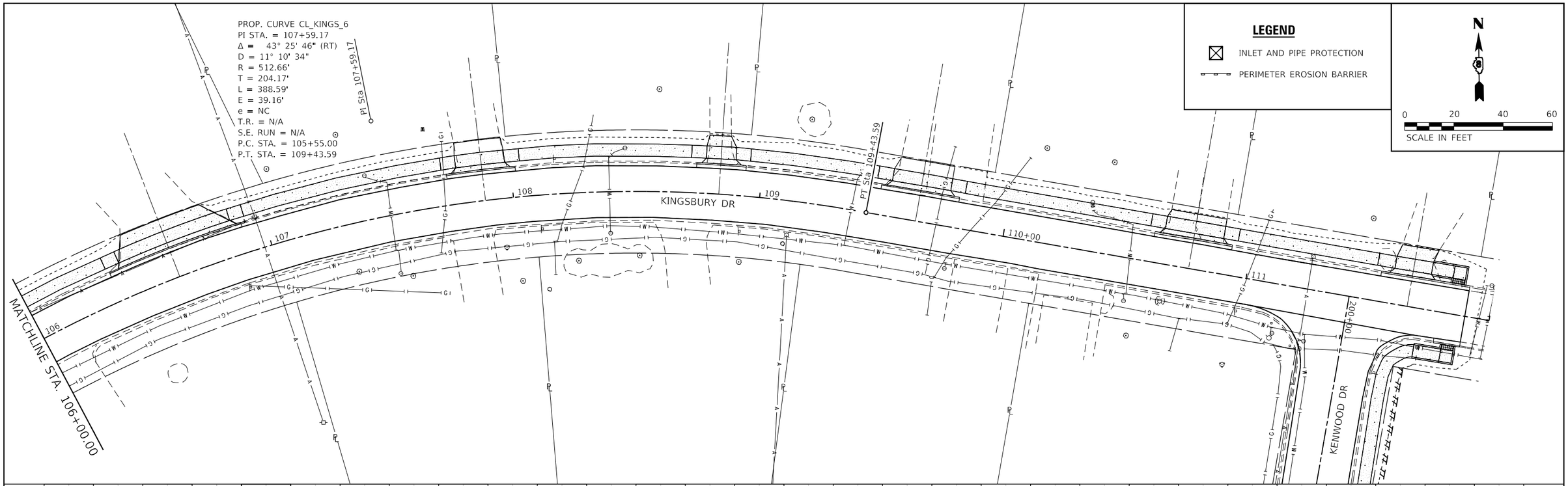
PROP. CURVE CL_KINGS_6
PI STA. = 107+59.17
Δ = 43° 25' 46" (RT)
D = 11° 10' 34"
R = 512.66'
T = 204.17'
L = 388.59'
E = 39.16'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 105+55.00
P.T. STA. = 109+43.59

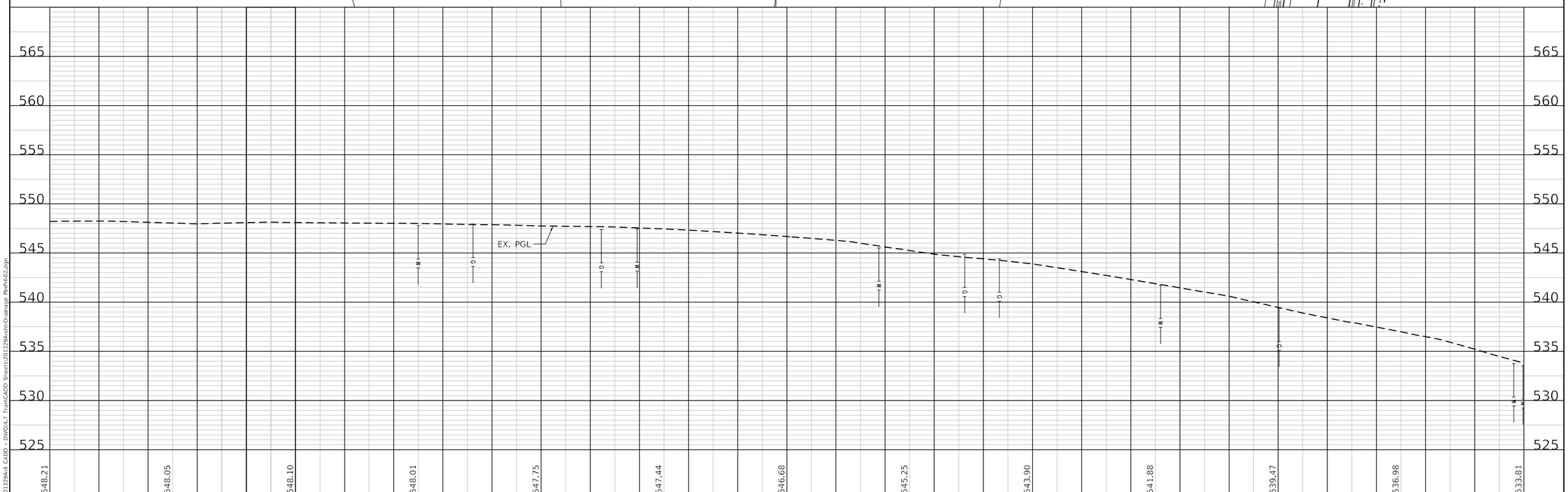
LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER

N

0 20 40 60
SCALE IN FEET





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

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTAT'NS CHKD			
NOTE BOOK NO.			

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FILE NAME: P:\2020\201339A4 CADD - DWG\4.7 Tran\CADD Sheets\201339A-Int-Drainage PlnPrf-02.dgn

TWM, INC.
WWW.TWM-INC.COM
ENGINEERING
GEOSPATIAL SERVICES
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

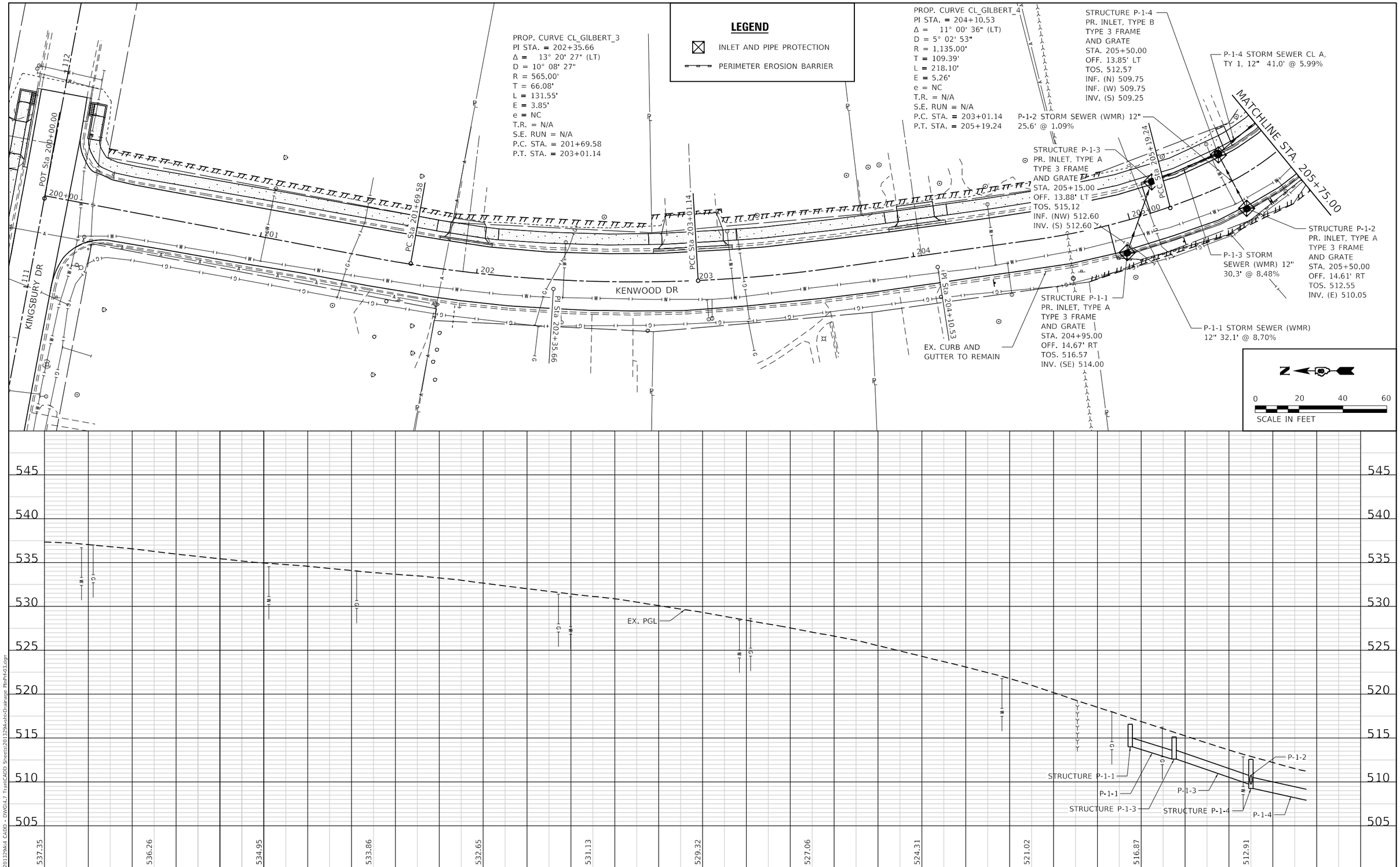
The Village of SWANSEA Est. 1895

VILLAGE OF SWANSEA

DRAINAGE AND EROSION CONTROL
KINGSBURY DR

SCALE: 1"=20' | SHEET 2 OF 5 SHEETS | STA. 106+00.00 TO STA. 111+70.91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	21
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1986

VILLAGE OF SWANSEA

DRAINAGE PLAN AND PROFILE
KENWOOD DR

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 200+10.79 TO STA. 205+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	22
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	

PROP. CURVE CL_GILBERT_6
PI STA. = 206+88.90
Δ = 21° 46' 06" (LT)
D = 19° 05' 55"
R = 300.00'
T = 57.69'
L = 113.98'
E = 5.50'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 206+31.21
P.T. STA. = 207+45.19

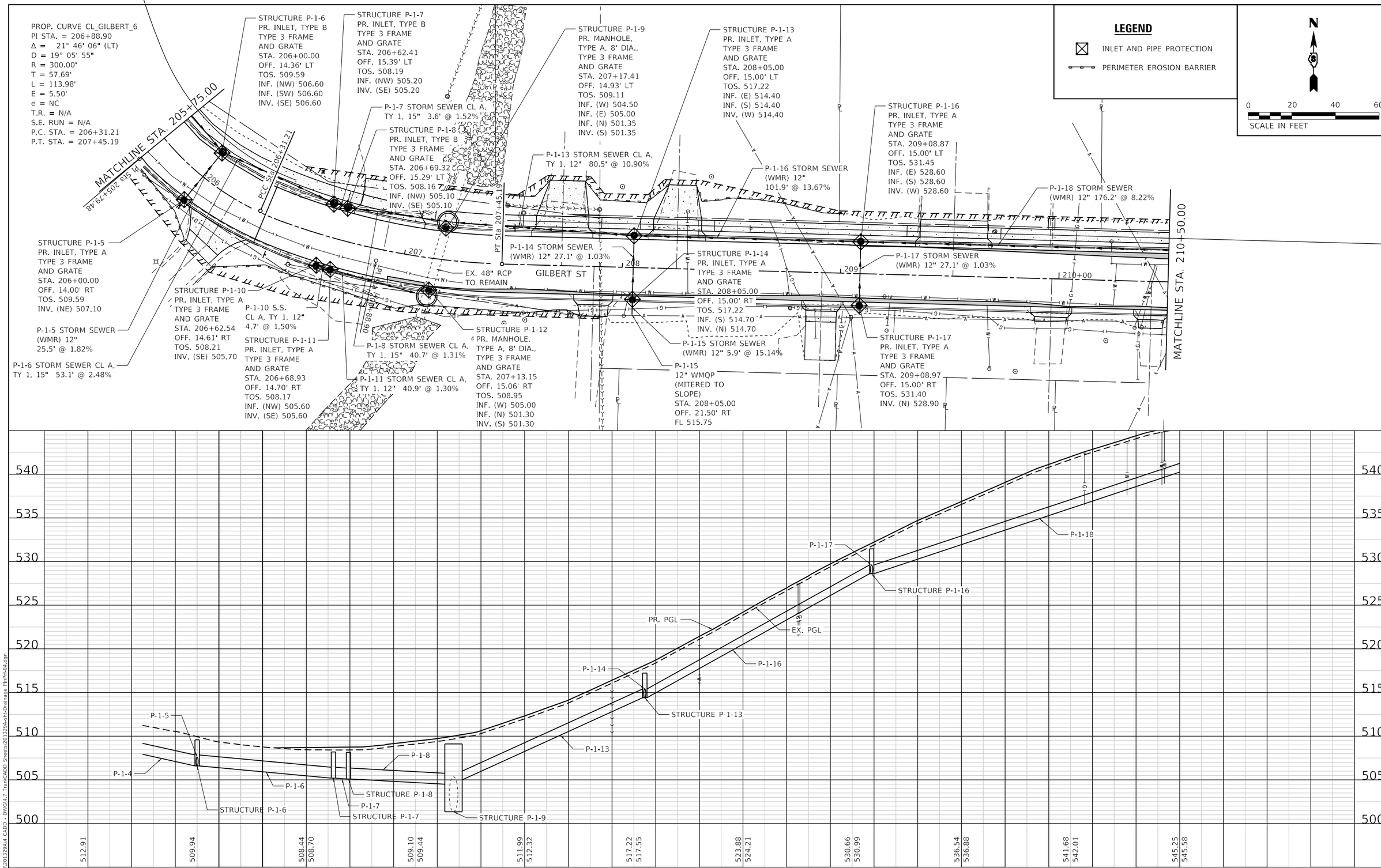
LEGEND

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

N

0 20 40 60
SCALE IN FEET



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

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

MODEL: Default
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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

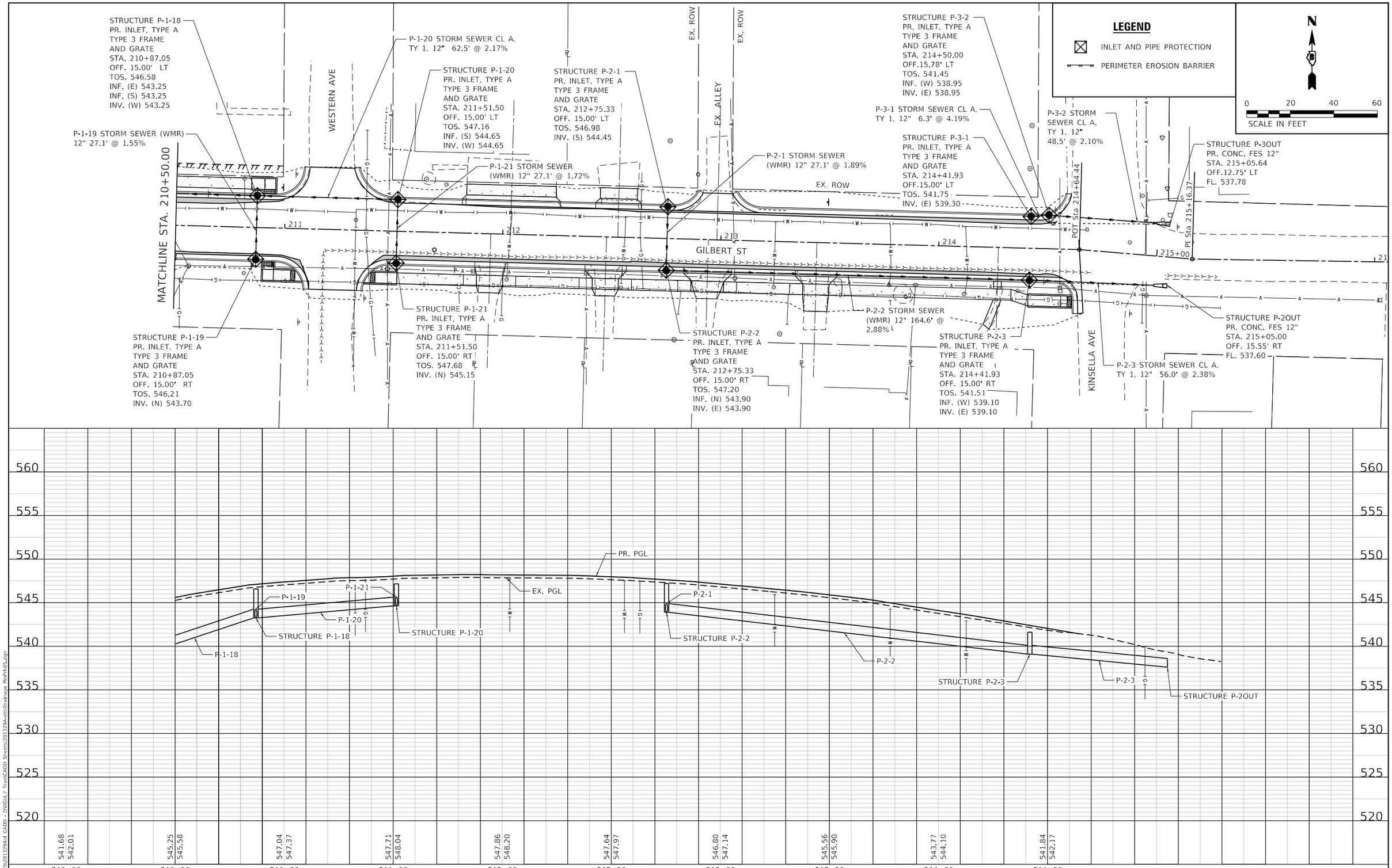
The Village of SWANSEA Est. 1986

VILLAGE OF SWANSEA

DRAINAGE PLAN AND PROFILE
KENWOOD DR / GILBERT ST

SCALE: 1"=20' | SHEET 4 OF 5 SHEETS | STA. 205+50.00 TO STA. 210+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	23
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

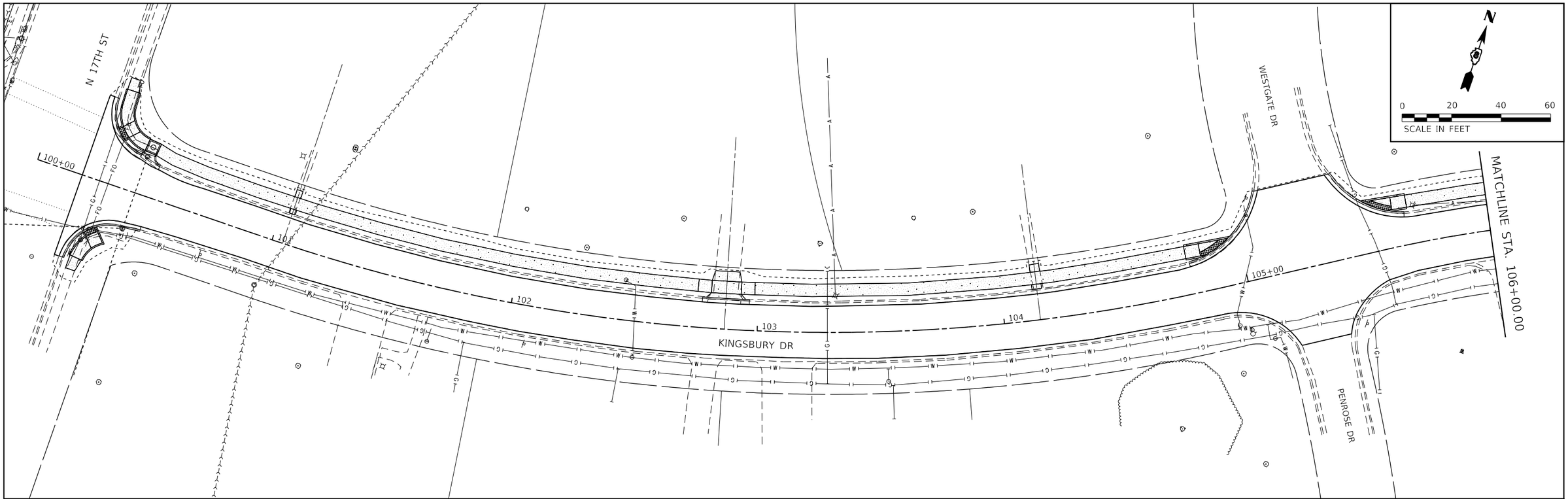
The Village of SWANSEA Est. 1996

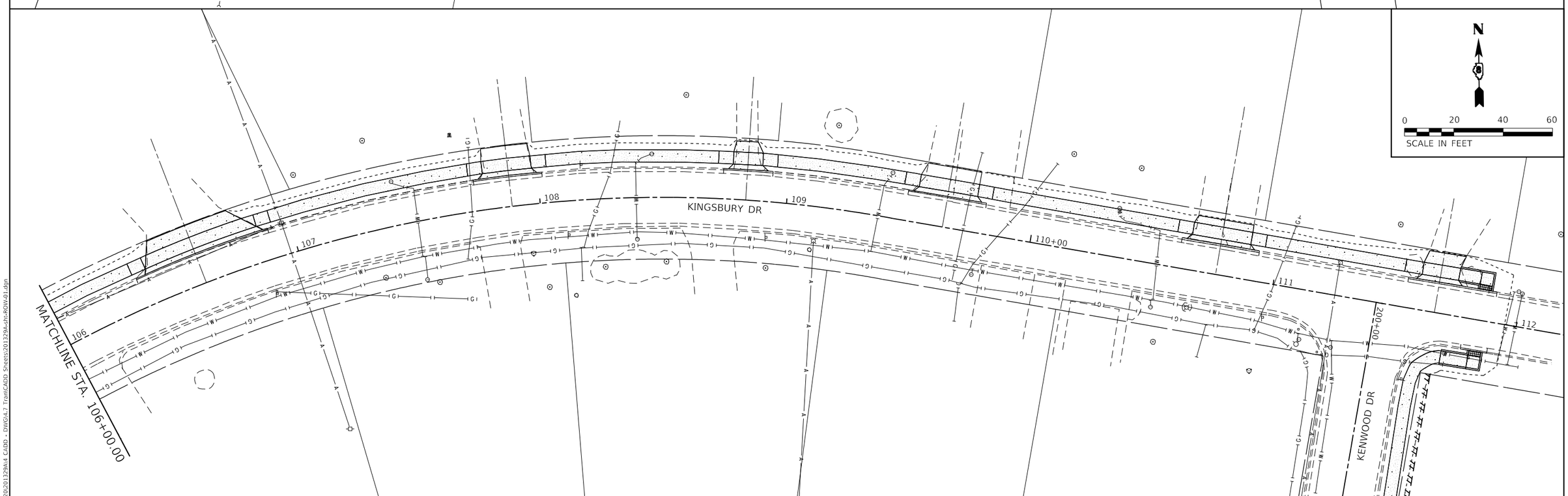
VILLAGE OF SWANSEA

DRAINAGE PLAN AND PROFILE
GILBERT ST

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. 210+50.00 TO STA. 214+64.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	24
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	





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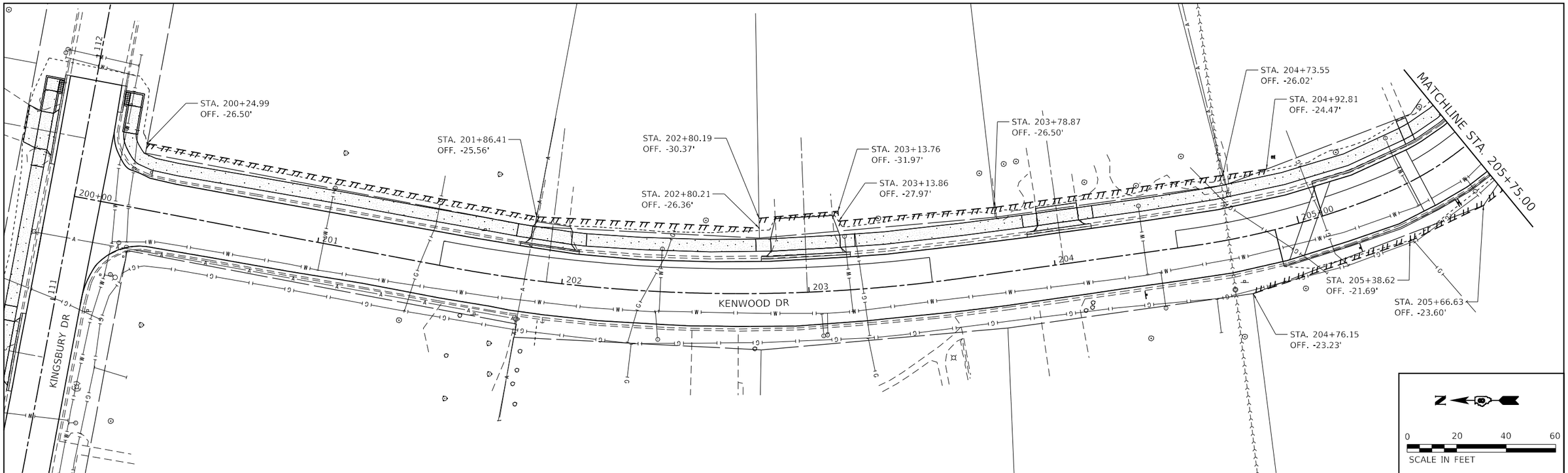
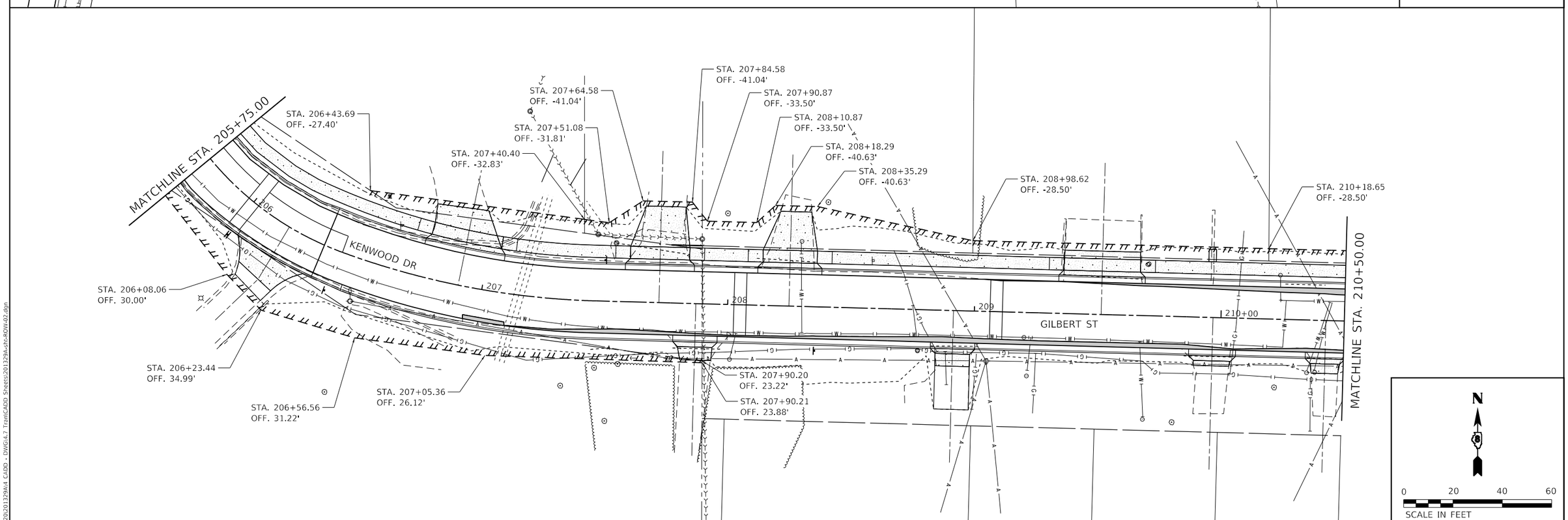
TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM	USER NAME = kostermiller	DESIGNED - KMO	REVISED -		ROW PLAN KINGSBURY DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	IL DESIGN FIRM LICENSE NO: 184-001220		DRAWN - BAB	REVISED -	VILLAGE OF SWANSEA IMPROVEMENTS				9264	21-00039-00-RS	ST. CLAIR	44	25
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -							CONTRACT NO. 97855		
		PLOT DATE = 12/6/2024	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. 100+19.02 TO STA. 111+90.00			ILLINOIS	FED. AID PROJECT	





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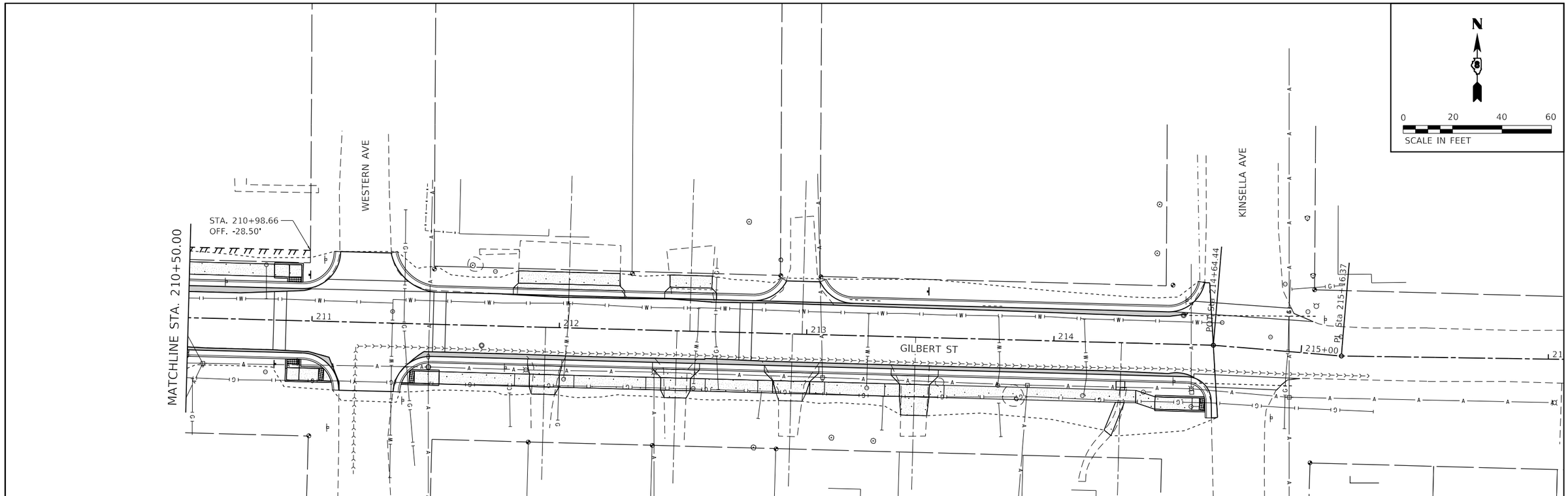
TWM ENGINEERING & GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -		VILLAGE OF SWANSEA IMPROVEMENTS	ROW PLAN KENWOOD DRIVE/GILBERT STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
			DRAWN - BAB	REVISED -				9264	21-00039-00-RS	ST. CLAIR	44 / 26
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -						CONTRACT NO. 97855	
		PLOT DATE = 12/6/2024	DATE -	REVISED -			SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 200+10.79 TO STA. 210+50.00			ILLINOIS FED. AID PROJECT	



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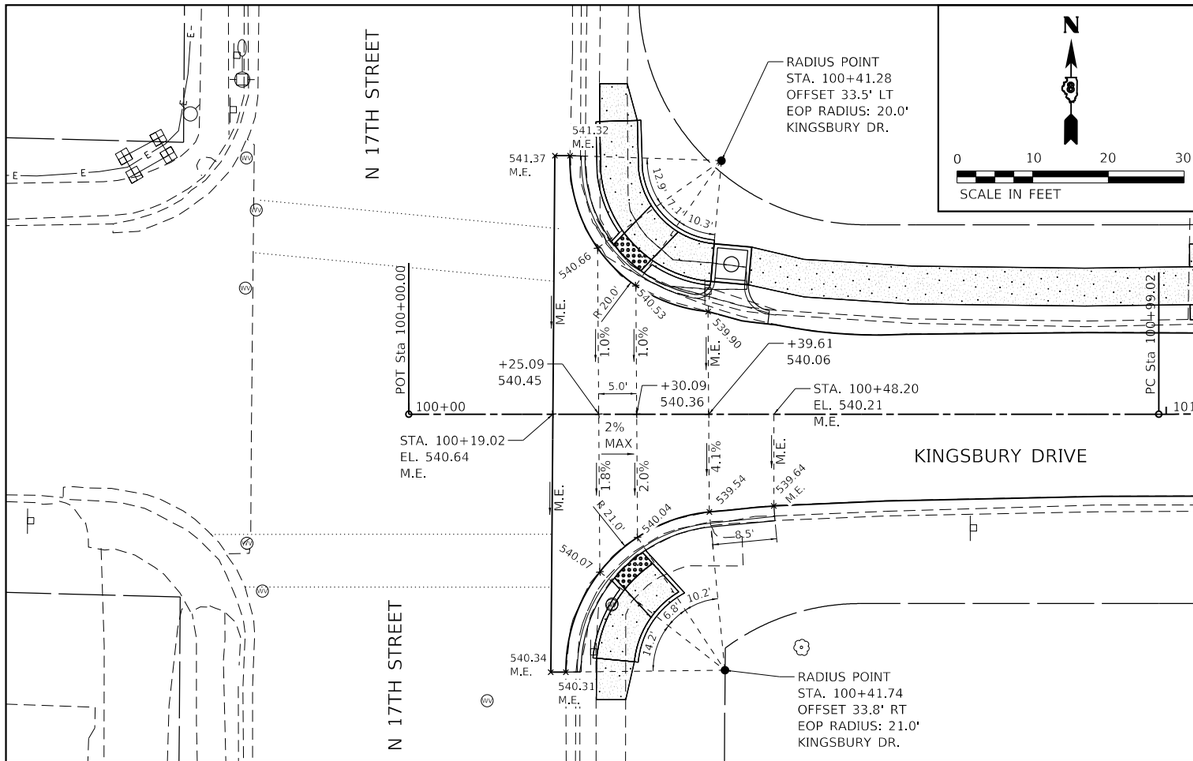
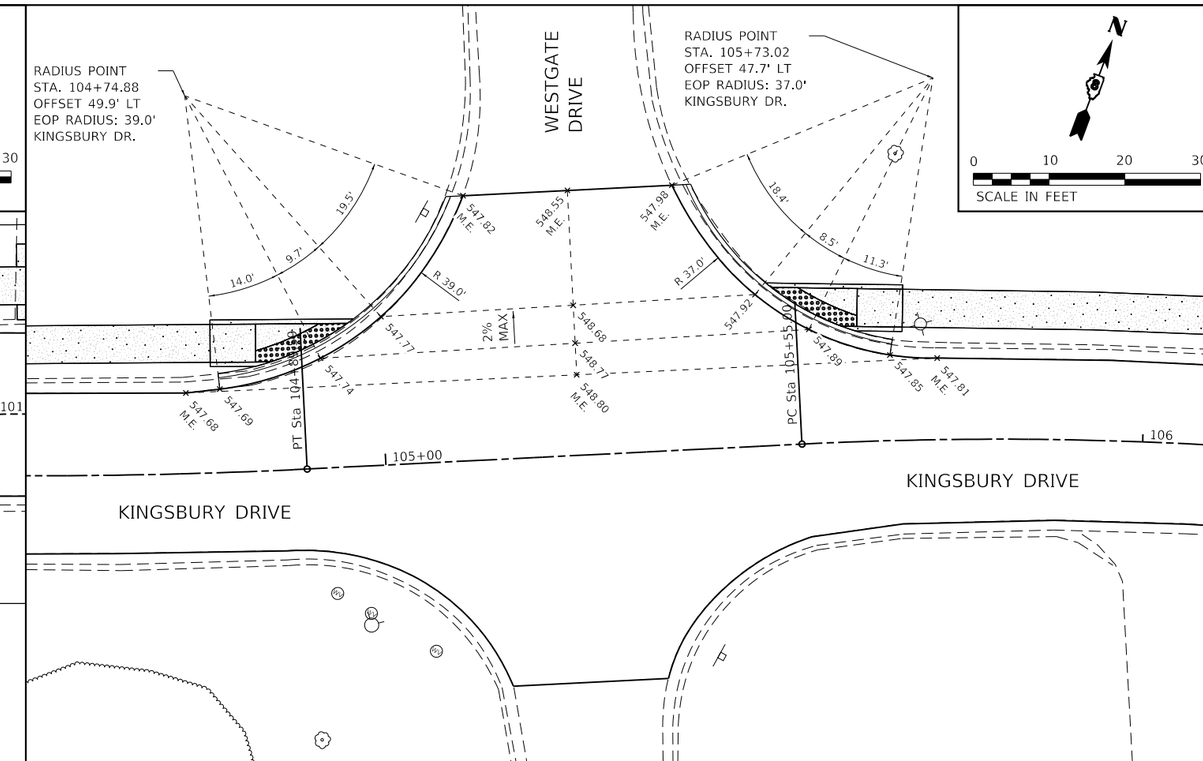
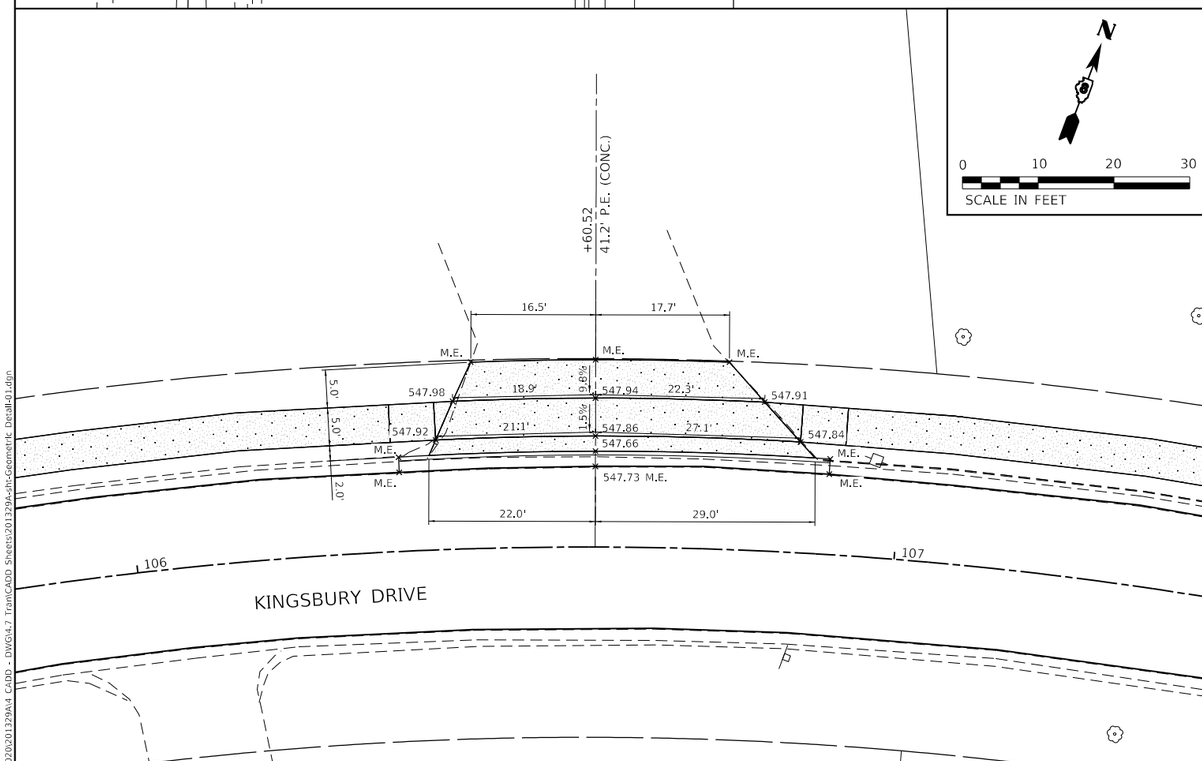
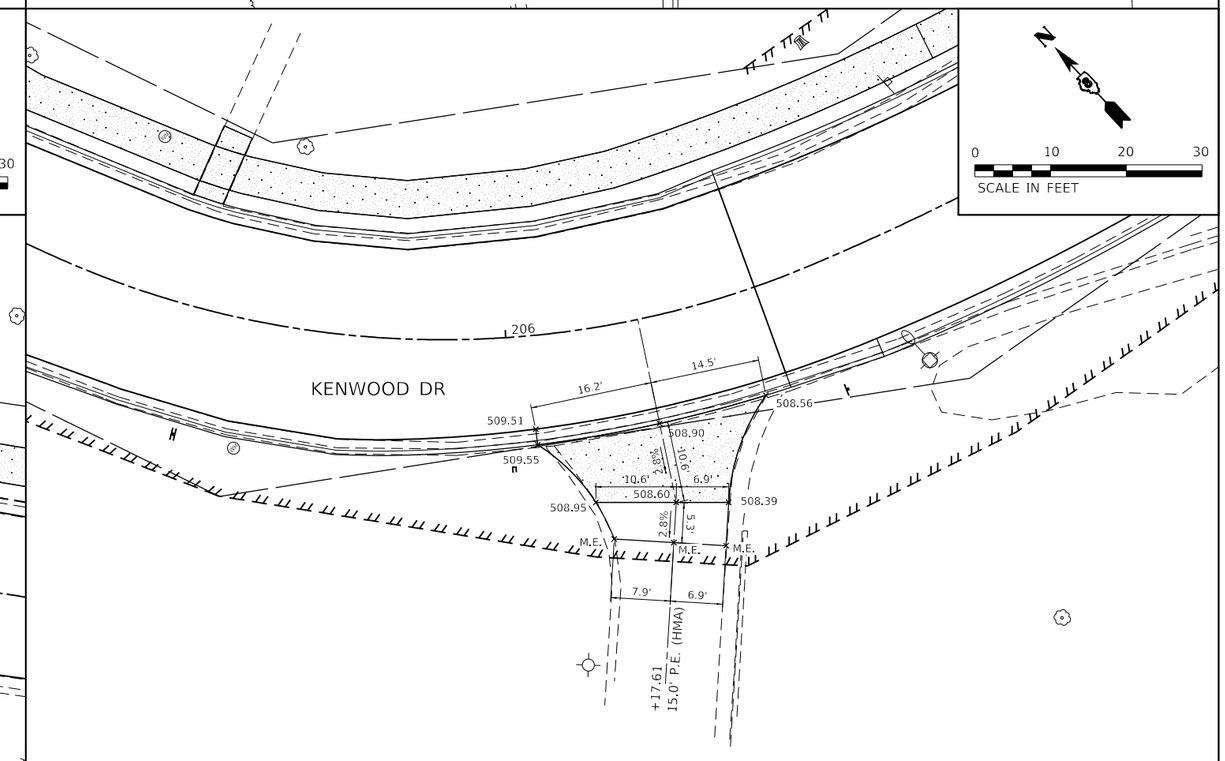
TWM ENGINEERING & GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	The Village of SWANSEA Est. 1895	VILLAGE OF SWANSEA IMPROVEMENTS	ROW PLAN GILBERT STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
			DRAWN - BAB	REVISED -				9264	21-00039-00-RS	ST. CLAIR	44 / 27
		PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -						CONTRACT NO. 97855	
		PLOT DATE = 12/6/2024	DATE -	REVISED -			SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 210+50.00 TO STA. 214+64.44			ILLINOIS FED. AID PROJECT	









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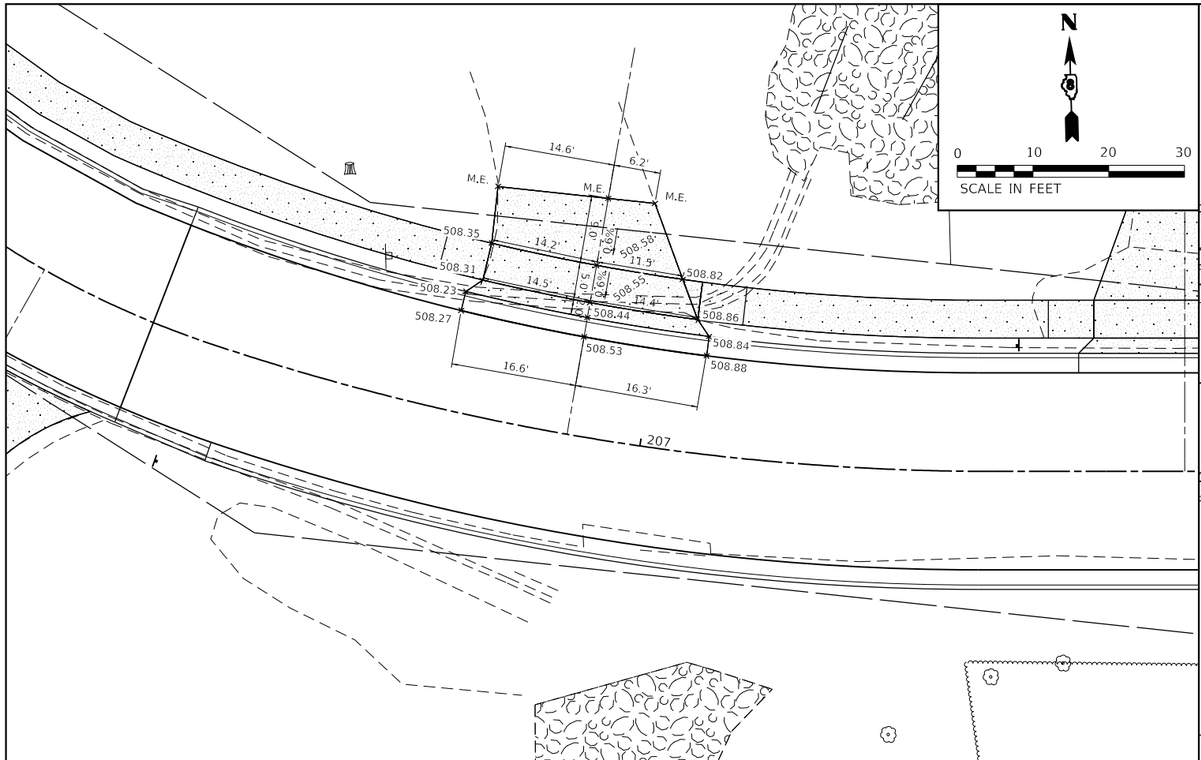
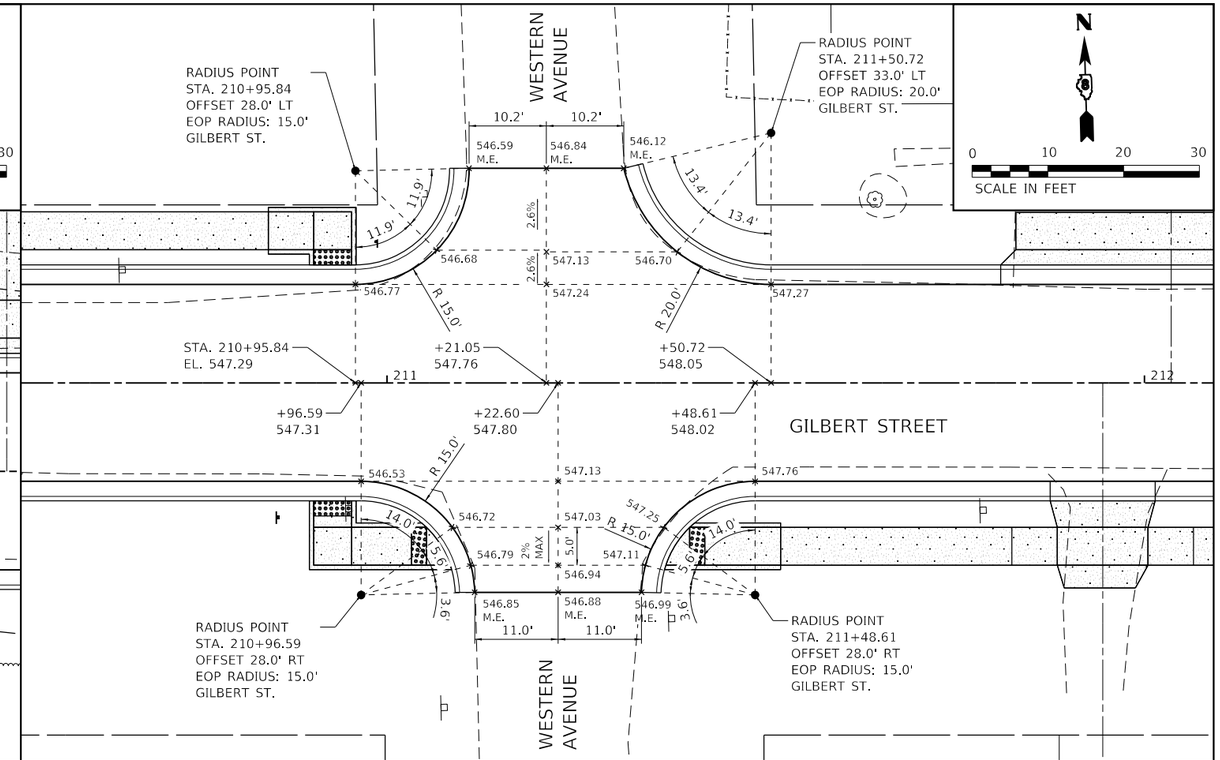
TWM ENGINEERING & GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	VILLAGE OF SWANSEA IMPROVEMENTS
			DRAWN - BAB	REVISED -	
		PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -	
		PLOT DATE = 12/6/2024	DATE -	REVISED -	

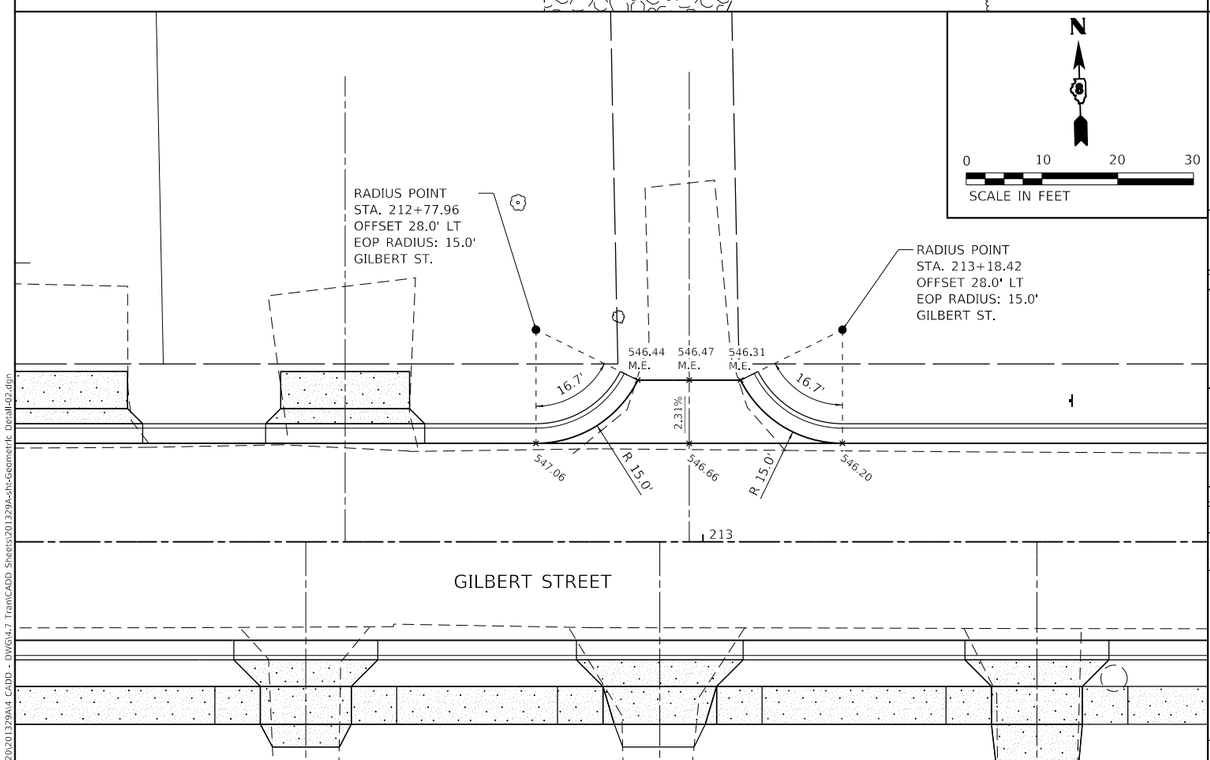
GEOMETRIC DETAILS
KINGSBURY DRIVE/KENWOOD DRIVE

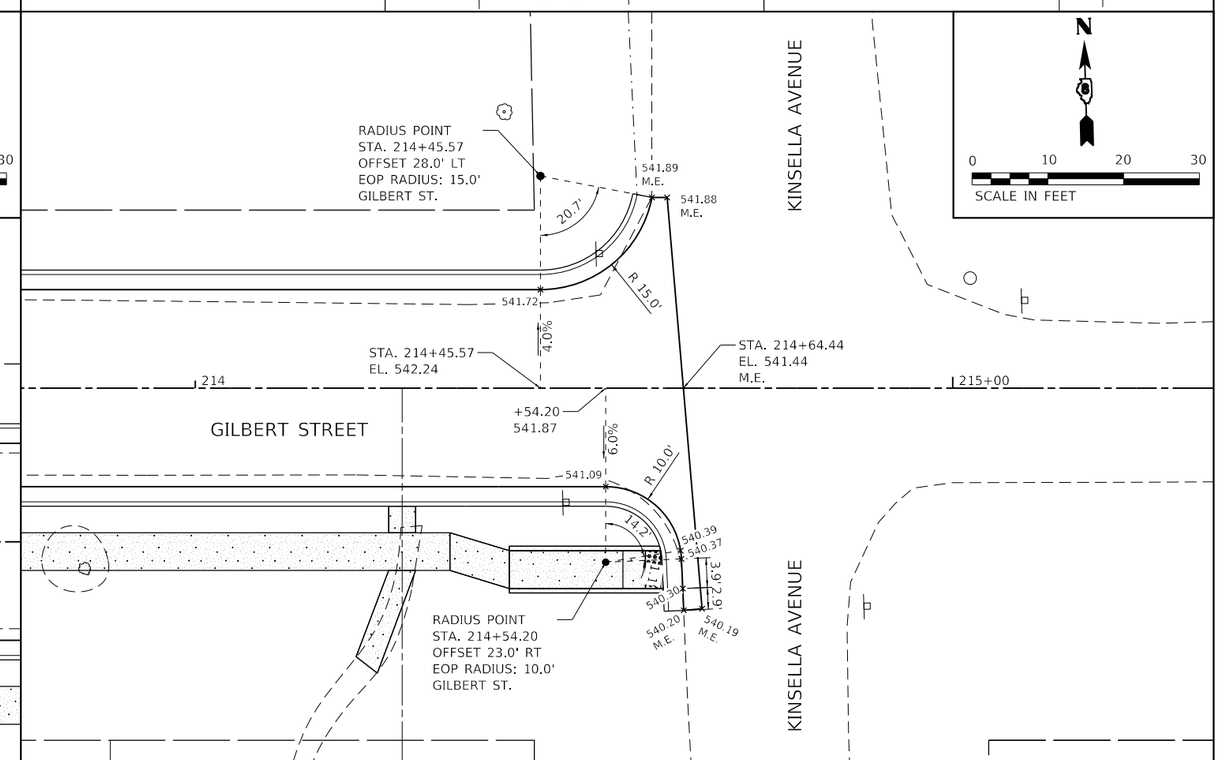
SCALE: 1"=10' | SHEET 1 OF 2 SHEETS | STA. 106+00.00 TO STA. 207+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	28
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	









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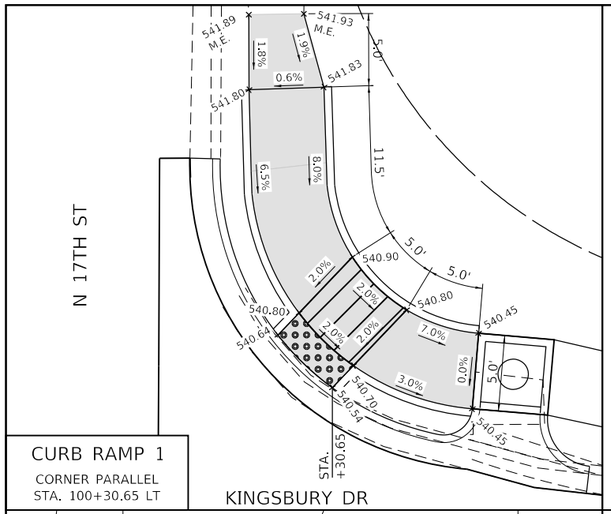
TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	VILLAGE OF SWANSEA IMPROVEMENTS
			DRAWN - BAB	REVISED -	
		PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -	
		PLOT DATE = 12/6/2024	DATE -	REVISED -	

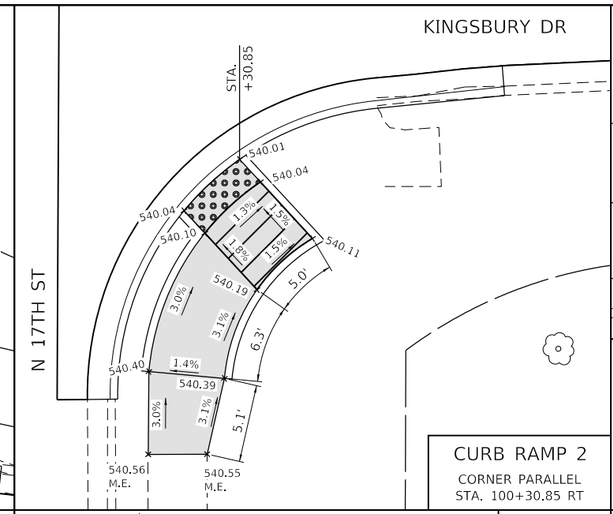
GEOMETRIC DETAILS
GILBERT STREET

SCALE: 1"=10' | SHEET 2 OF 2 SHEETS | STA. 211+00.00 TO STA. 214+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	29
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



CURB RAMP 1
CORNER PARALLEL
STA. 100+30.65 LT



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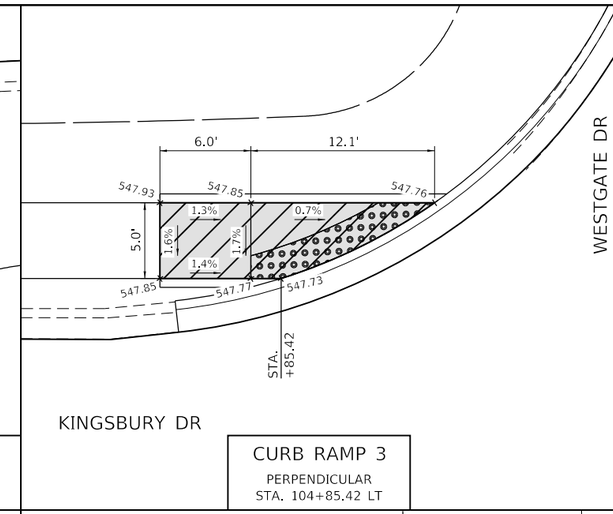
CORNER PARALLEL
STA. 100+30.85 RT



CURB RAMP 3
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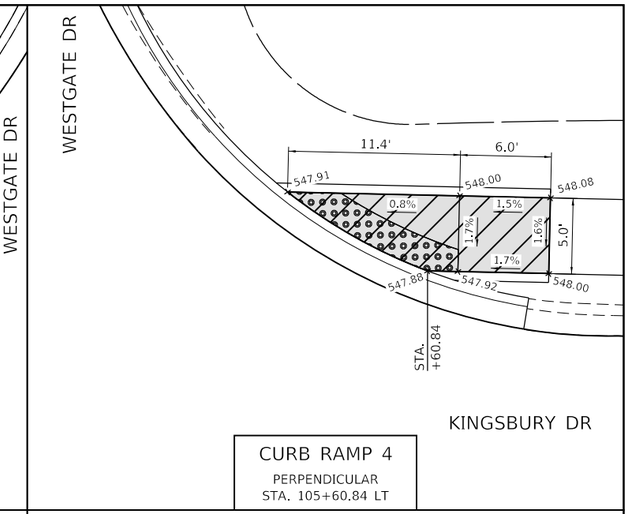
STA. 104+85.42 LT



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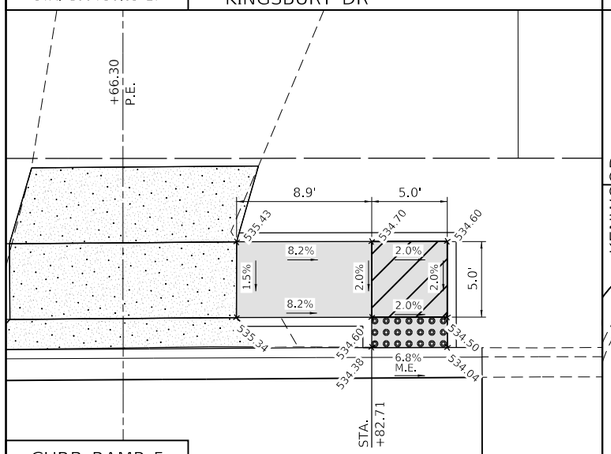
STA. 105+60.84 LT



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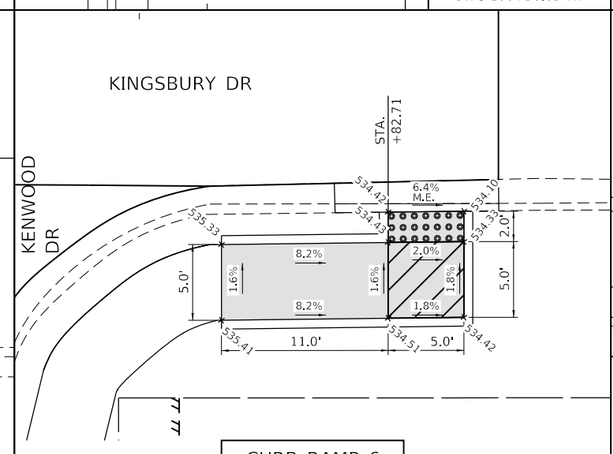
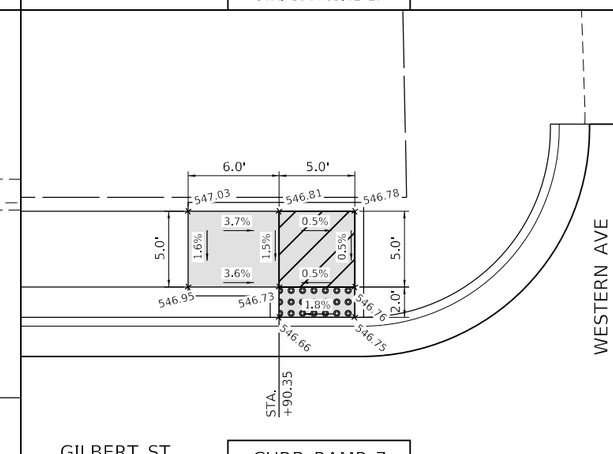
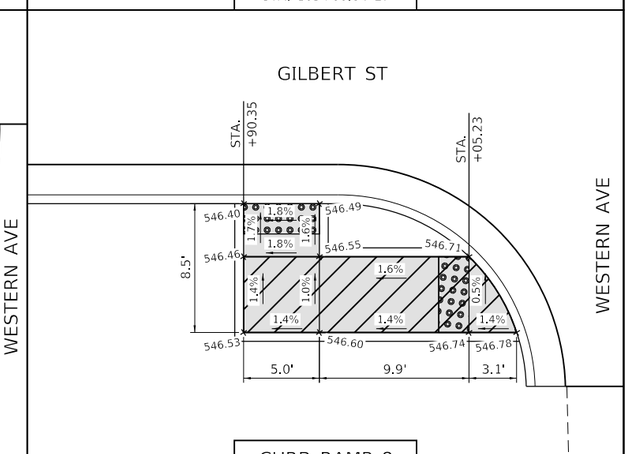
STA. 111+82.71 LT



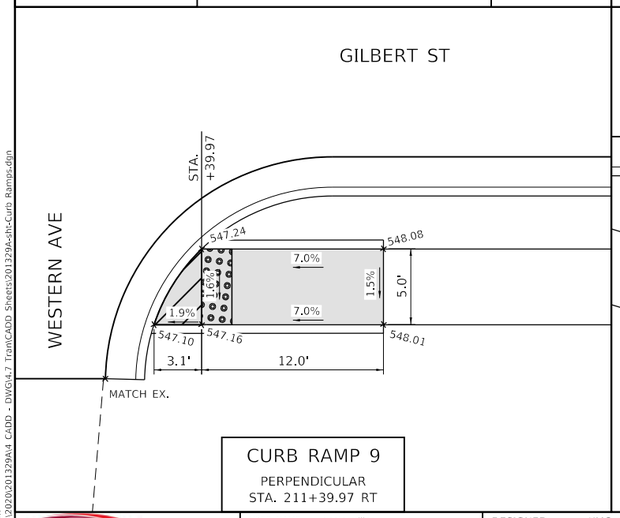
CURB RAMP 6
PERPENDICULAR
STA. 111+82.71 RT



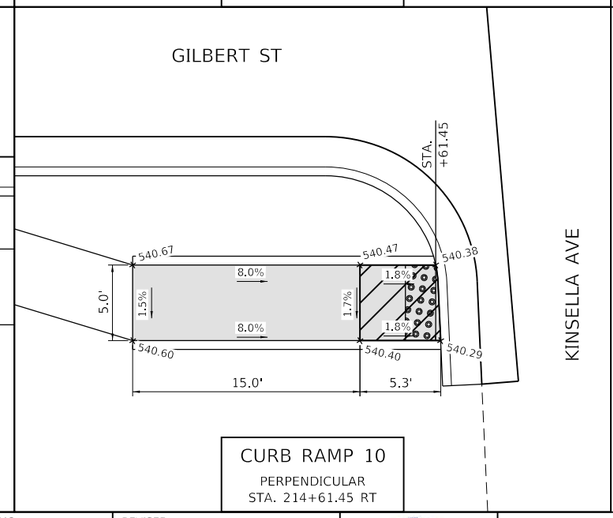
CURB RAMP 7
PERPENDICULAR
STA. 210+90.35 LT



CURB RAMP 8
PERPENDICULAR
STA. 210+90.35 RT



CURB RAMP 9
PERPENDICULAR
STA. 211+39.97 RT



CURB RAMP 10
PERPENDICULAR
STA. 214+61.45 RT

NOTES:
1. SEE IDOT STANDARD DRAWINGS SECTION 424 FOR MORE INFORMATION REGARDING CURB RAMPS.

LEGEND

- DETECTABLE WARNING SURFACE
- CURB RAMP (1:12 MAX LONGITUDINAL SLOPE)
- PROPOSED LANDING 2.0% MAX SLOPE (ALL DIRECTIONS)
- RAMP DIRECTION

N

0 5 10 15
SCALE IN FEET

MODEL: Default
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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

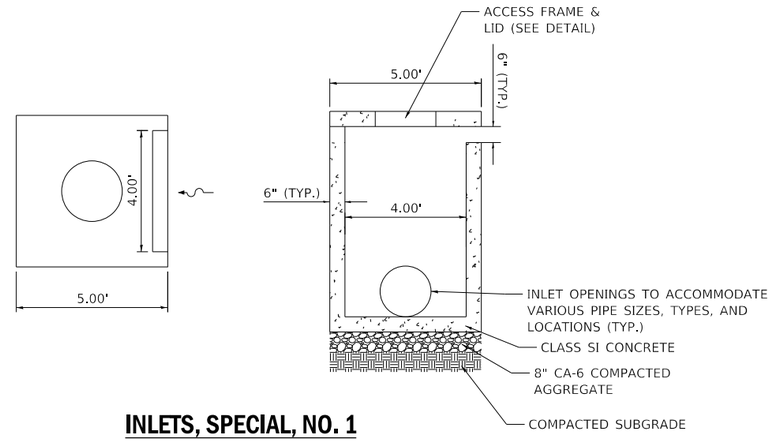
USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

VILLAGE OF SWANSEA IMPROVEMENTS

CURB RAMP DETAILS

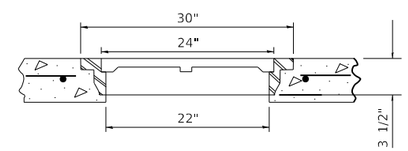
SCALE: 1"=5' | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST. CLAIR	44	30
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



INLETS, SPECIAL, NO. 1

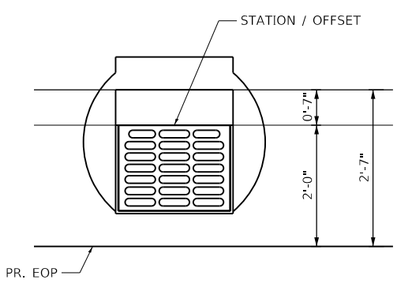
OPEN THROAT INLET WITH 1 OPENING



ACCESS FRAME AND LID

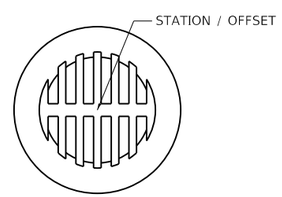
NOTES:

1. WHEN SIDEWALK IS ADJACENT TO INLETS, SPECIAL, THE CONTRACTOR SHALL PLACE AND COMPACT ADDITIONAL AGGREGATE AROUND INLET TO PREVENT DIFFERENTIAL SETTLEMENT.



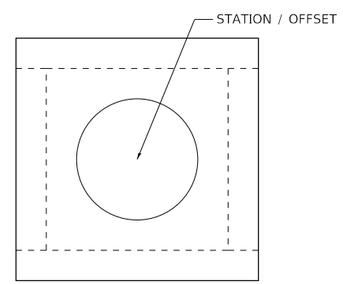
TYPE 3 FRAME AND GRATE

TOS = AT GUTTER FLOW LINE



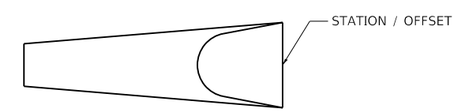
TYPE 8 GRATE

TOS = AT GRATE FLOW LINE



INLETS, SPECIAL

TOS = AT CENTER OF LID



PRECAST REINFORCED CONCRETE FLARED END SECTION

DRAINAGE CALLOUTS

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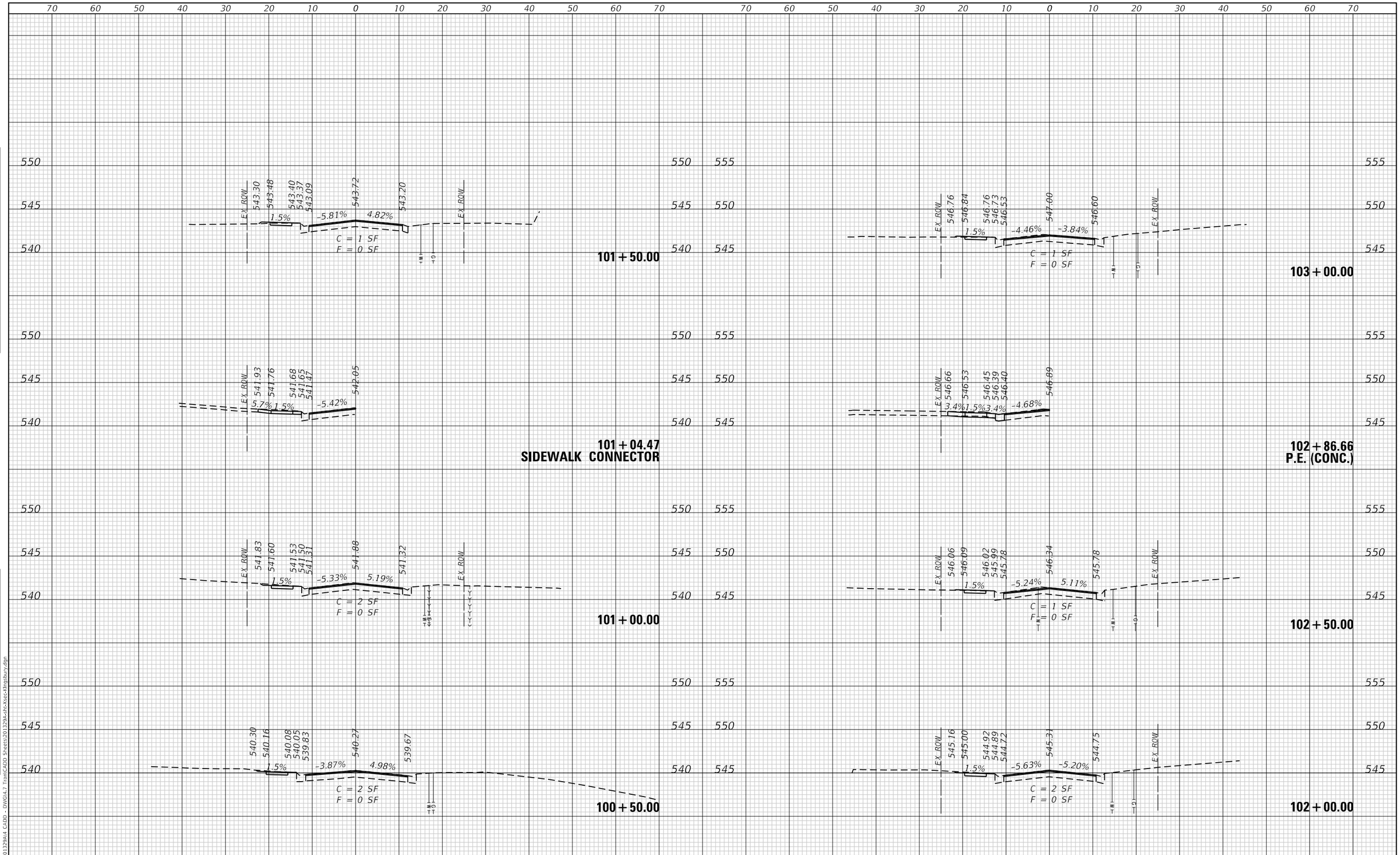
TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM	USER NAME = kostermiller	DESIGNED - KMO	REVISED -		VILLAGE OF SWANSEA IMPROVEMENTS	MISCELLANEOUS DETAILS INLETS, SPECIAL AND DRAINAGE CALLOUTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - BAB	REVISED -					9264	21-00039-00-RS	ST. CLAIR	44	31
	IL DESIGN FIRM LICENSE NO: 184-001220	PLOT SCALE = 40.0000 ' / in.	CHECKED - SJK	REVISED -							CONTRACT NO. 97855		
		PLOT DATE = 12/5/2024	DATE -	REVISED -			SCALE: N.T.S.	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		



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

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

MODEL: Default
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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1895

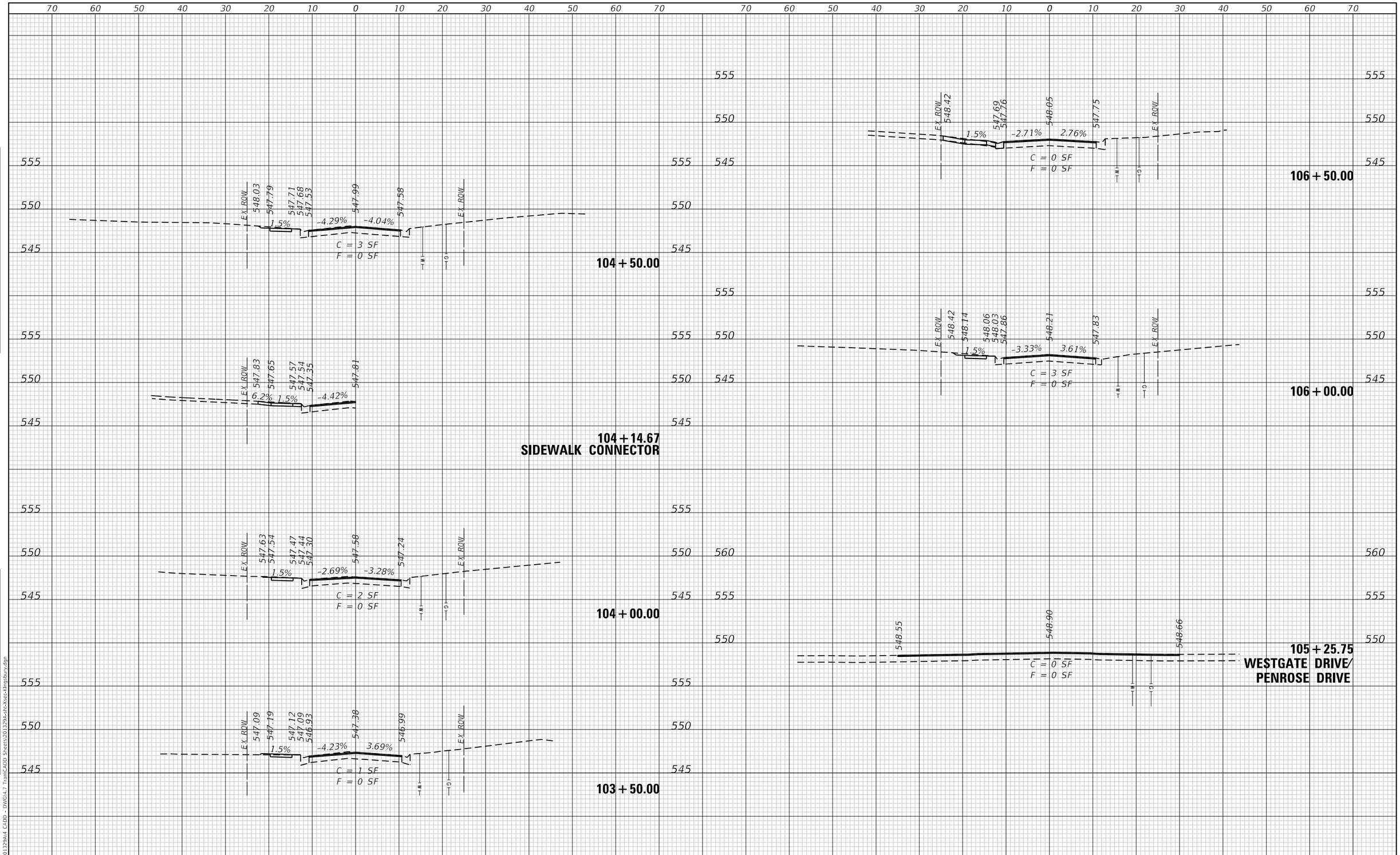
CROSS SECTIONS
KINGSBURY DRIVE

SCALE: 1"=5' | SHEET 1 OF 5 SHEETS | STA. 100+50.00 TO STA. 103+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	32

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT



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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

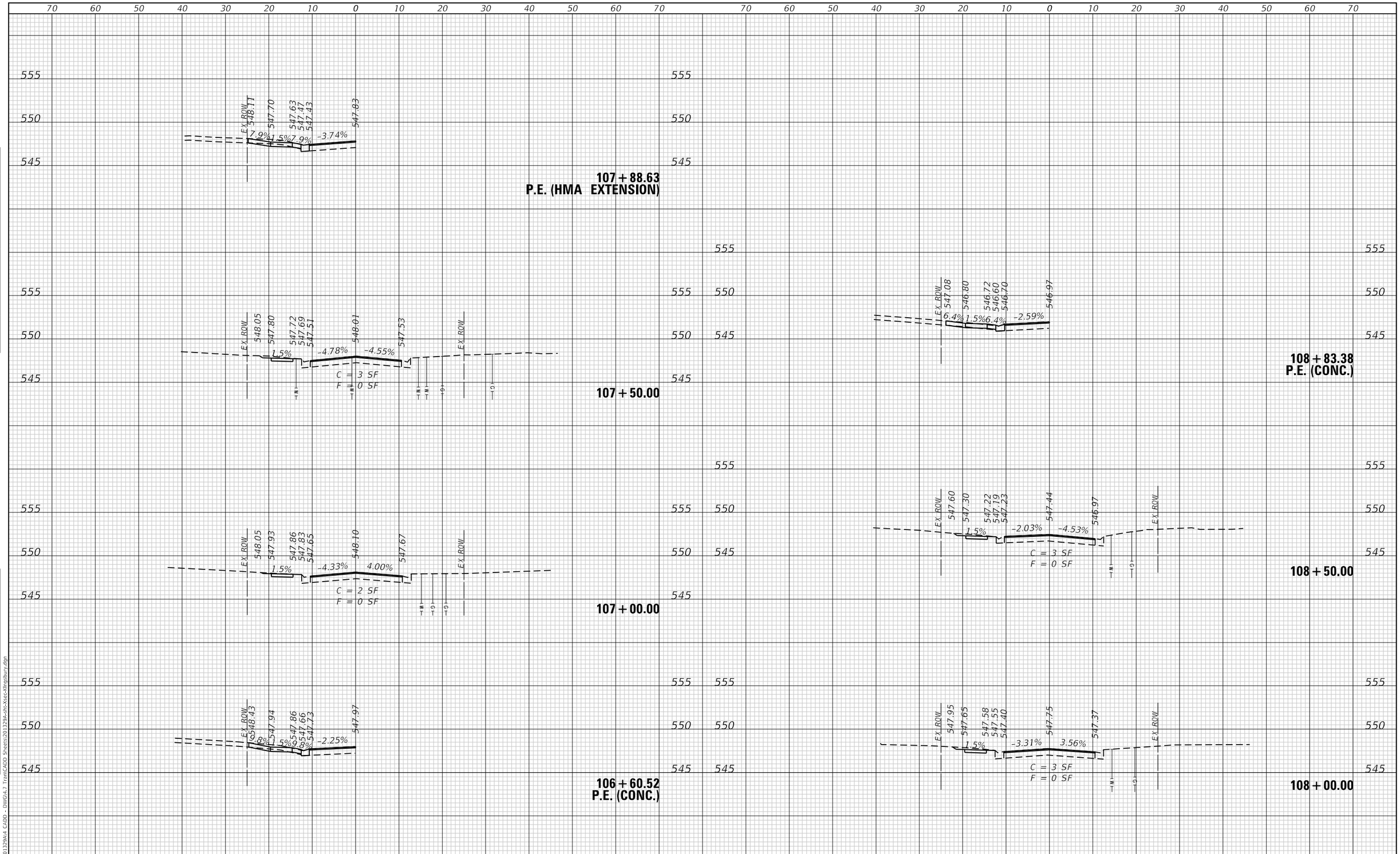
USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KINGSBURY DRIVE

SCALE: 1"=5' | SHEET 2 OF 5 SHEETS | STA. 103+50.00 TO STA. 106+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	33
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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PLOTTED		
TEMPLATE		
AREAS		
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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

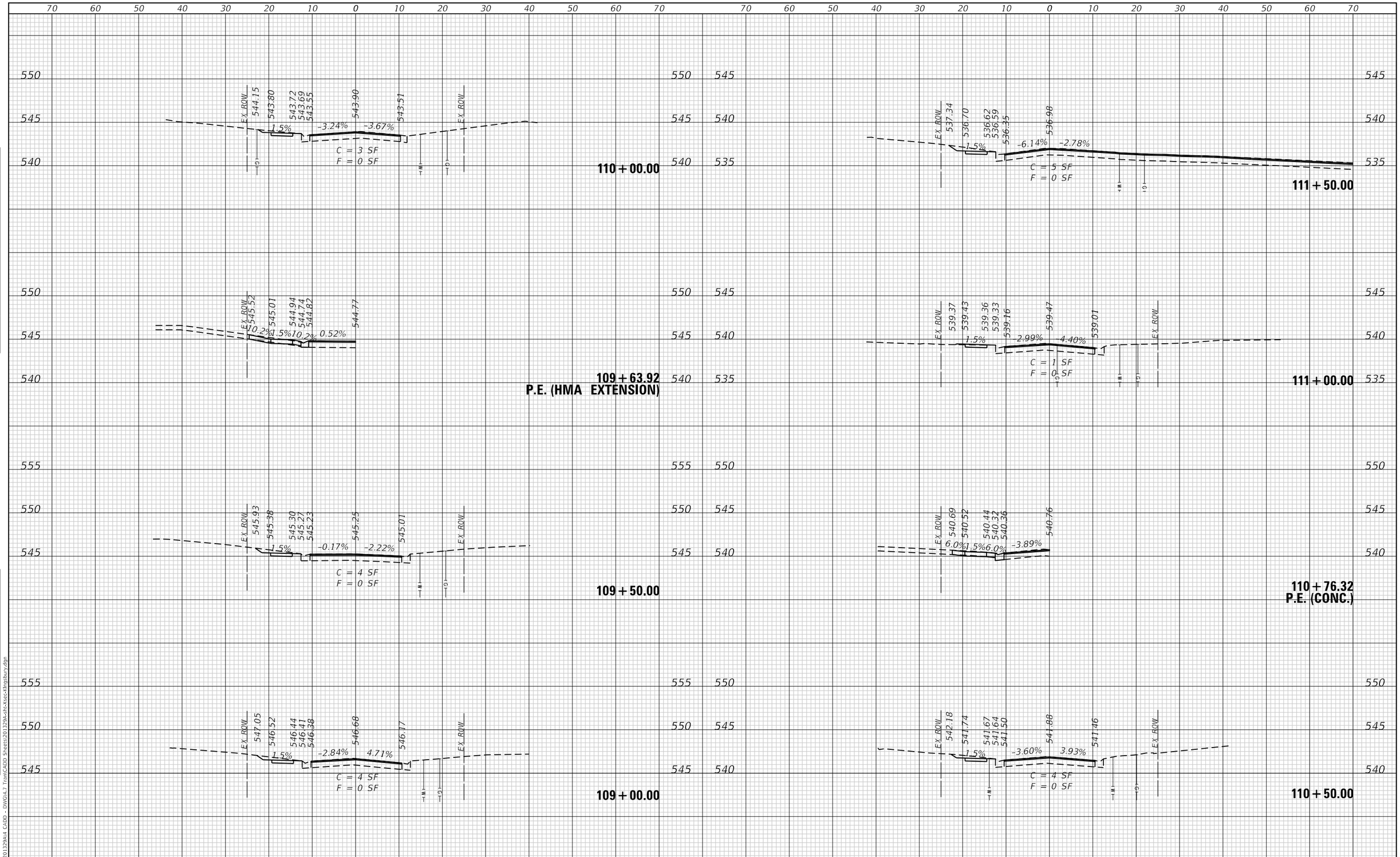
USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1885

CROSS SECTIONS
KINGSBURY DRIVE

SCALE: 1"=5' | SHEET 3 OF 5 SHEETS | STA. 106+60.52 TO STA. 108+83.38

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	34
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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TWM ENGINEERING GEOSPATIAL SERVICES
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KINGSBURY DRIVE

SCALE: 1"=5' | SHEET 4 OF 5 SHEETS | STA. 109+00.00 TO STA. 111+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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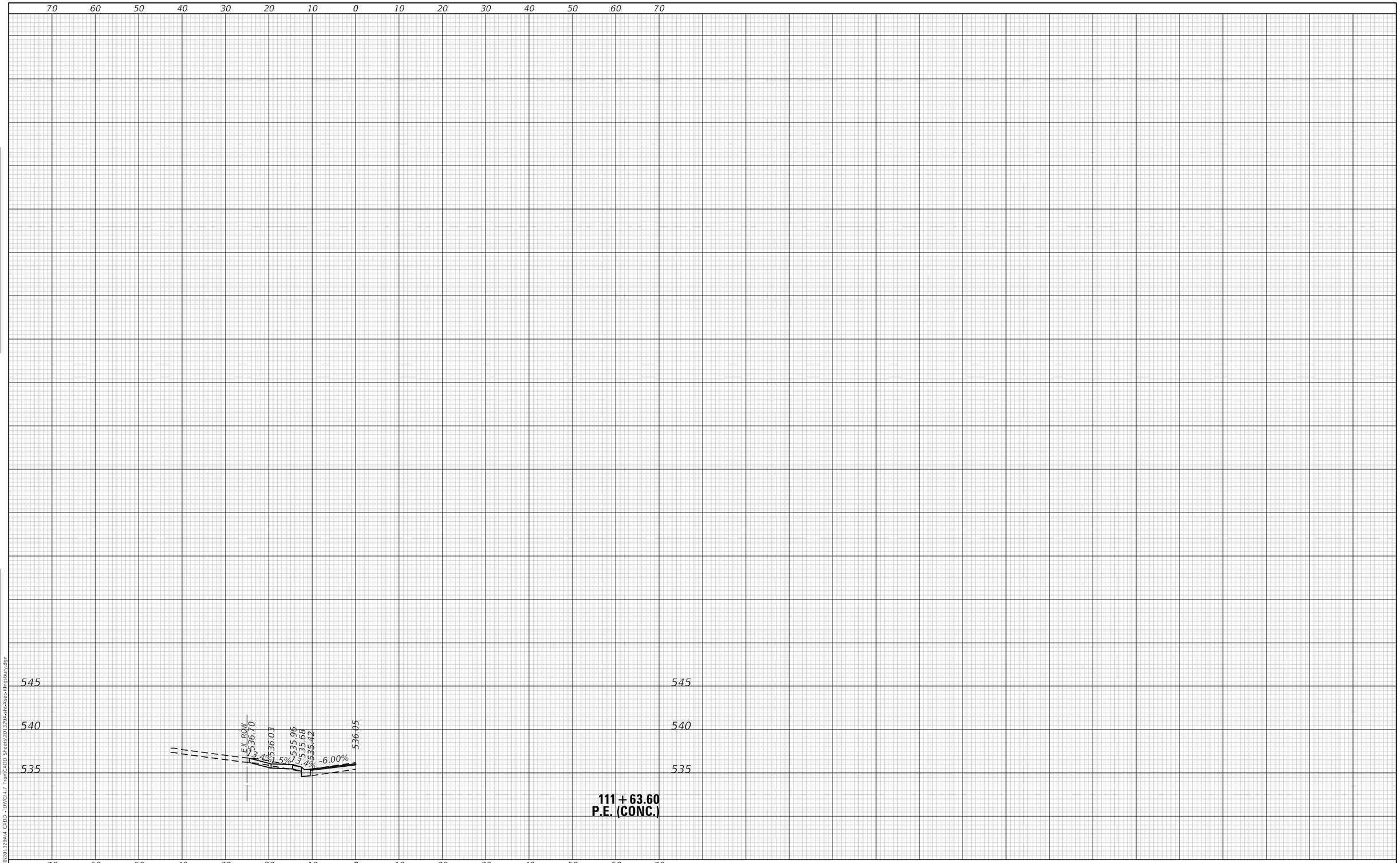
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

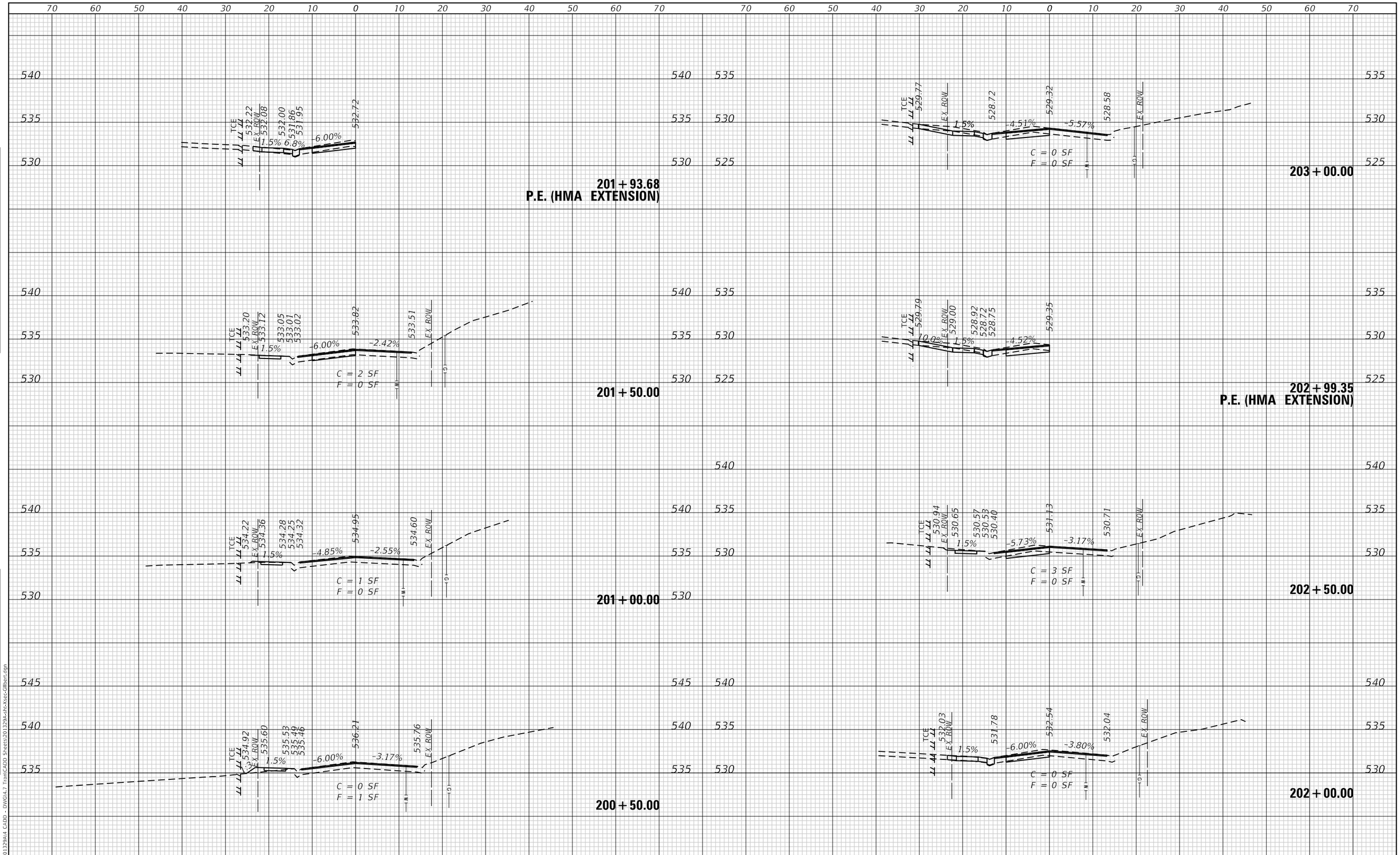
USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1885

CROSS SECTIONS
KINGSBURY DRIVE

SCALE: 1"=5' | SHEET 5 OF 5 SHEETS | STA. 111+66.30 TO STA. 111+66.30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	36
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

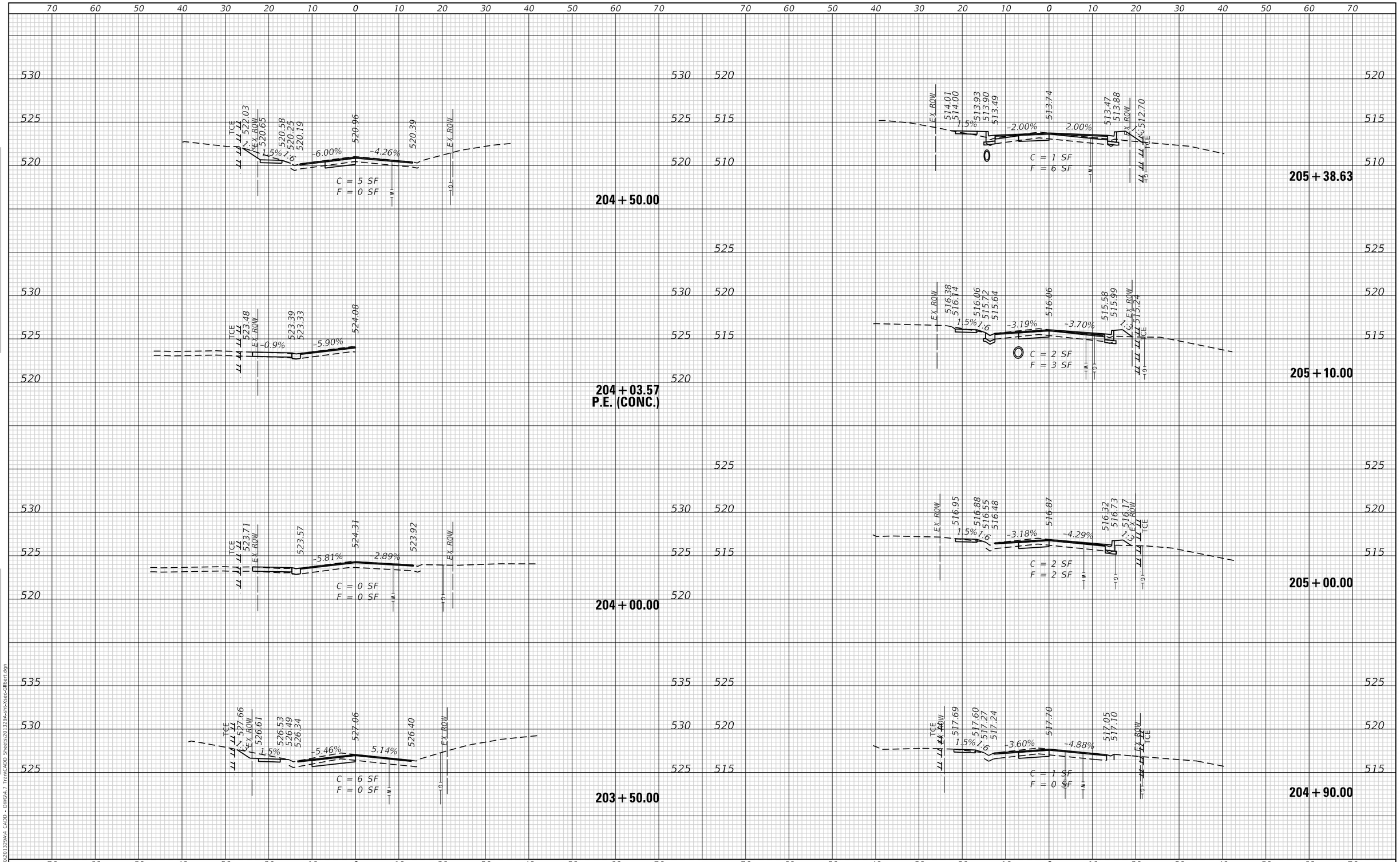
USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 1 OF 8 SHEETS | STA. 200+50.00 TO STA. 203+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	37
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

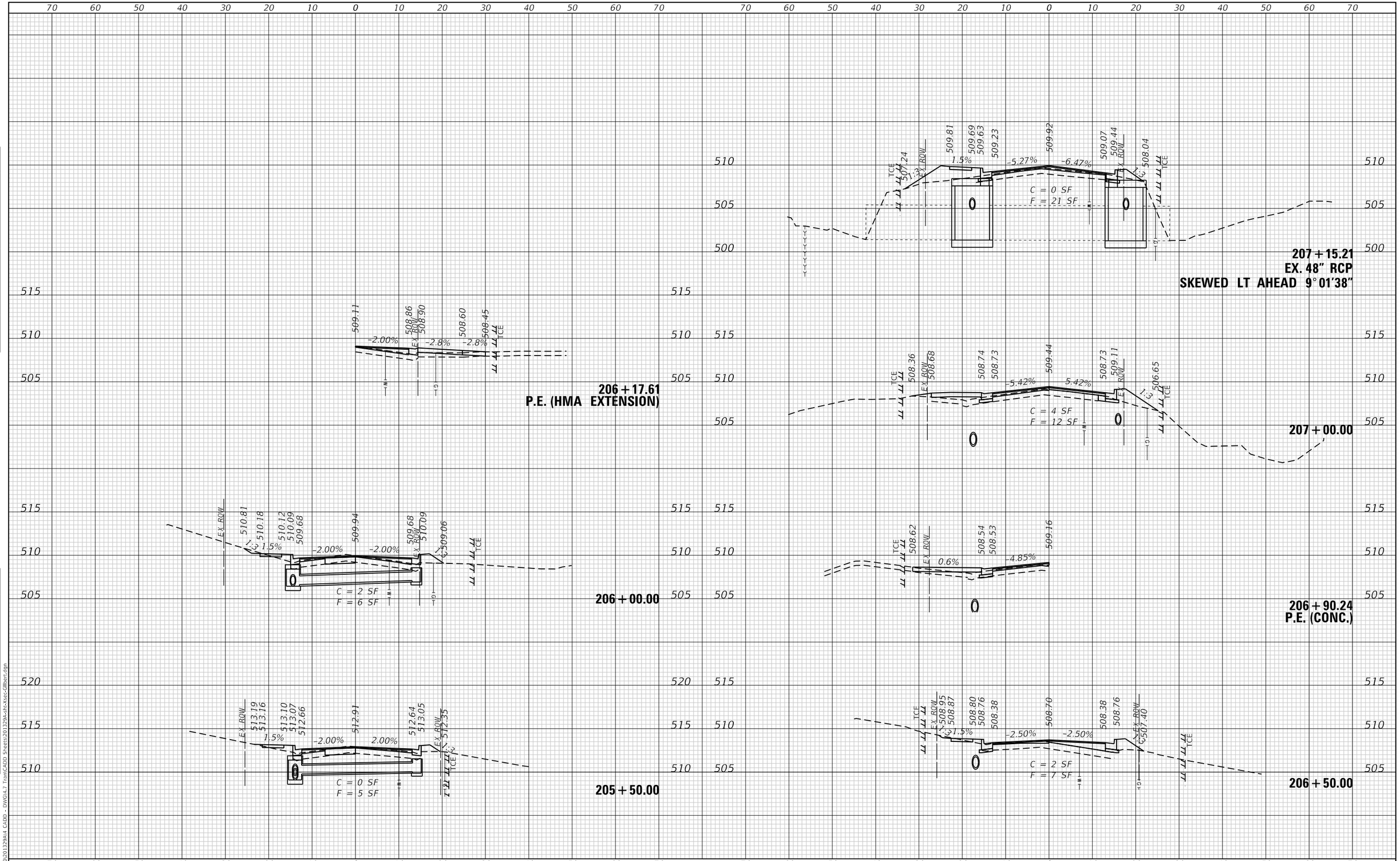
USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 2 OF 8 SHEETS | STA. 203+50.00 TO STA. 205+38.63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	38
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
			DRAWN - BAB	REVISED -	
		PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -	
		PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1908

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 3 OF 8 SHEETS | STA. 205+50.00 TO STA. 207+10.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	39

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT

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

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

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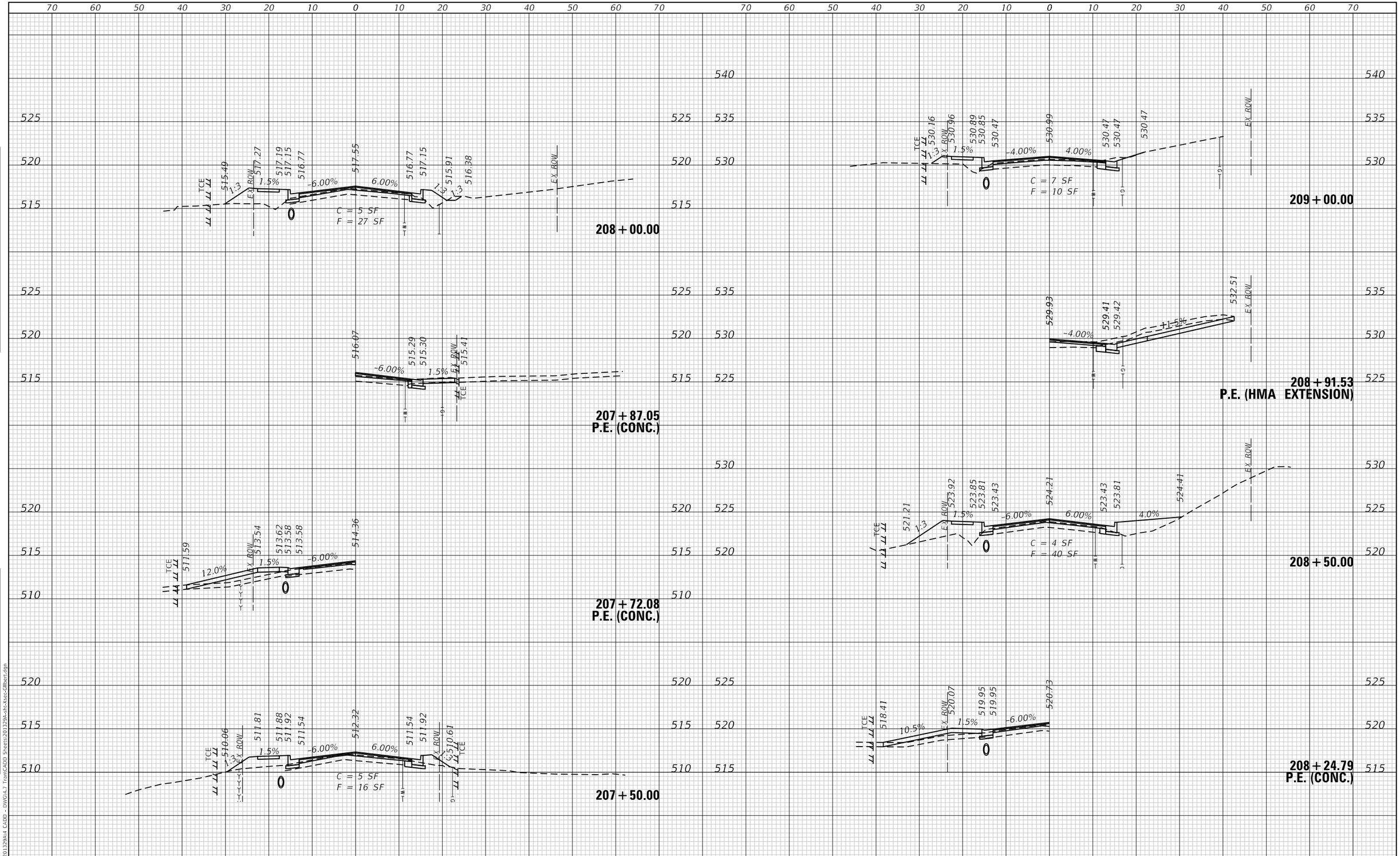

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM LICENSE NO: 184-001220

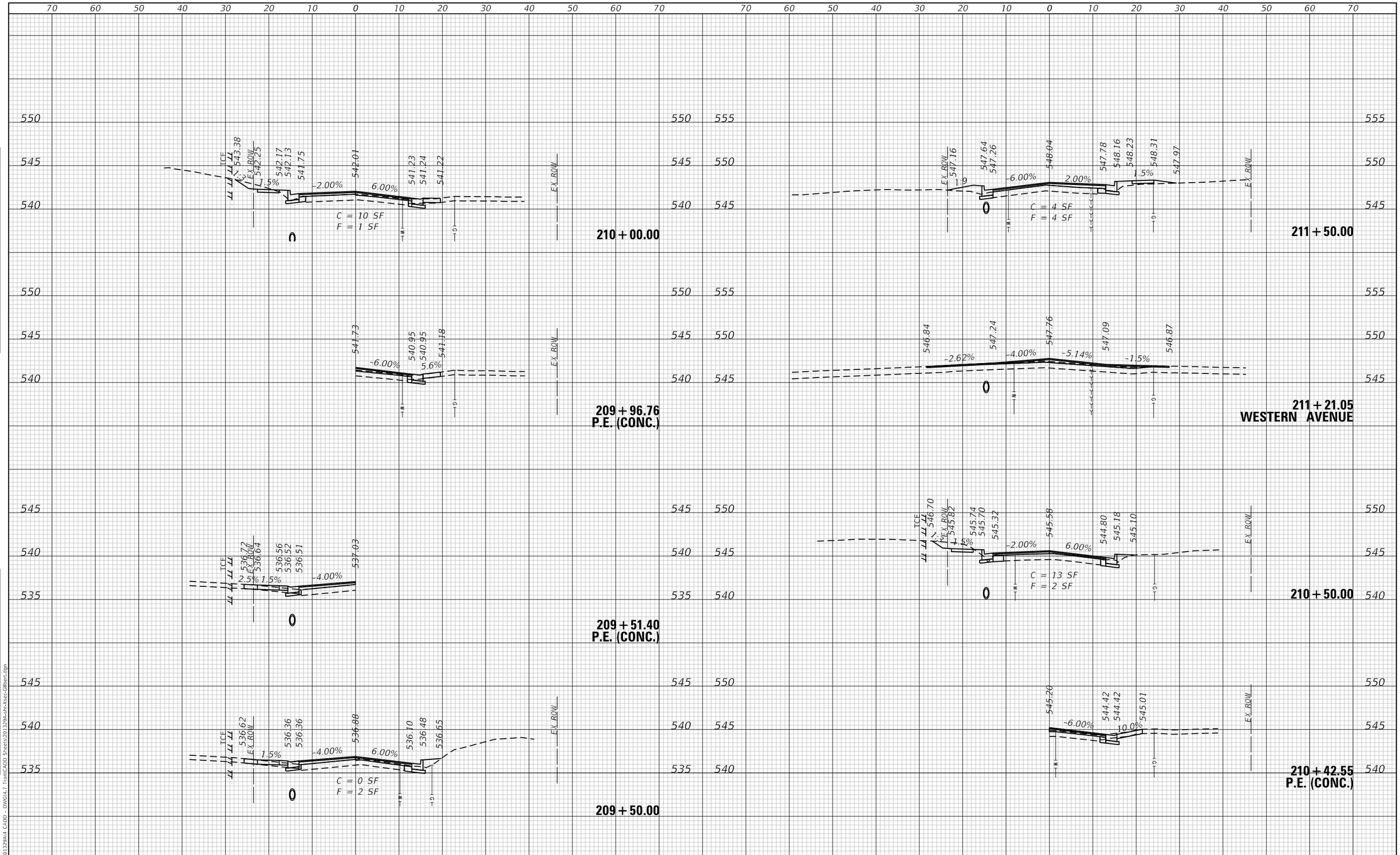
USER NAME = kostermiller	DESIGNED - KMO	REVISED -	
	DRAWN - BAB	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -	
PLOT DATE = 12/6/2024	DATE -	REVISED -	

The Village of SWANSEA Est. 1988

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 4 OF 8 SHEETS | STA. 207+50.00 TO STA. 209+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	40
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

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FILE NAME: P:\2020\2013299\A4 CADD - DWG\4.7 Tran\CADD Sheets\2013299-sht-Xsec-Gilbert.dgn

TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

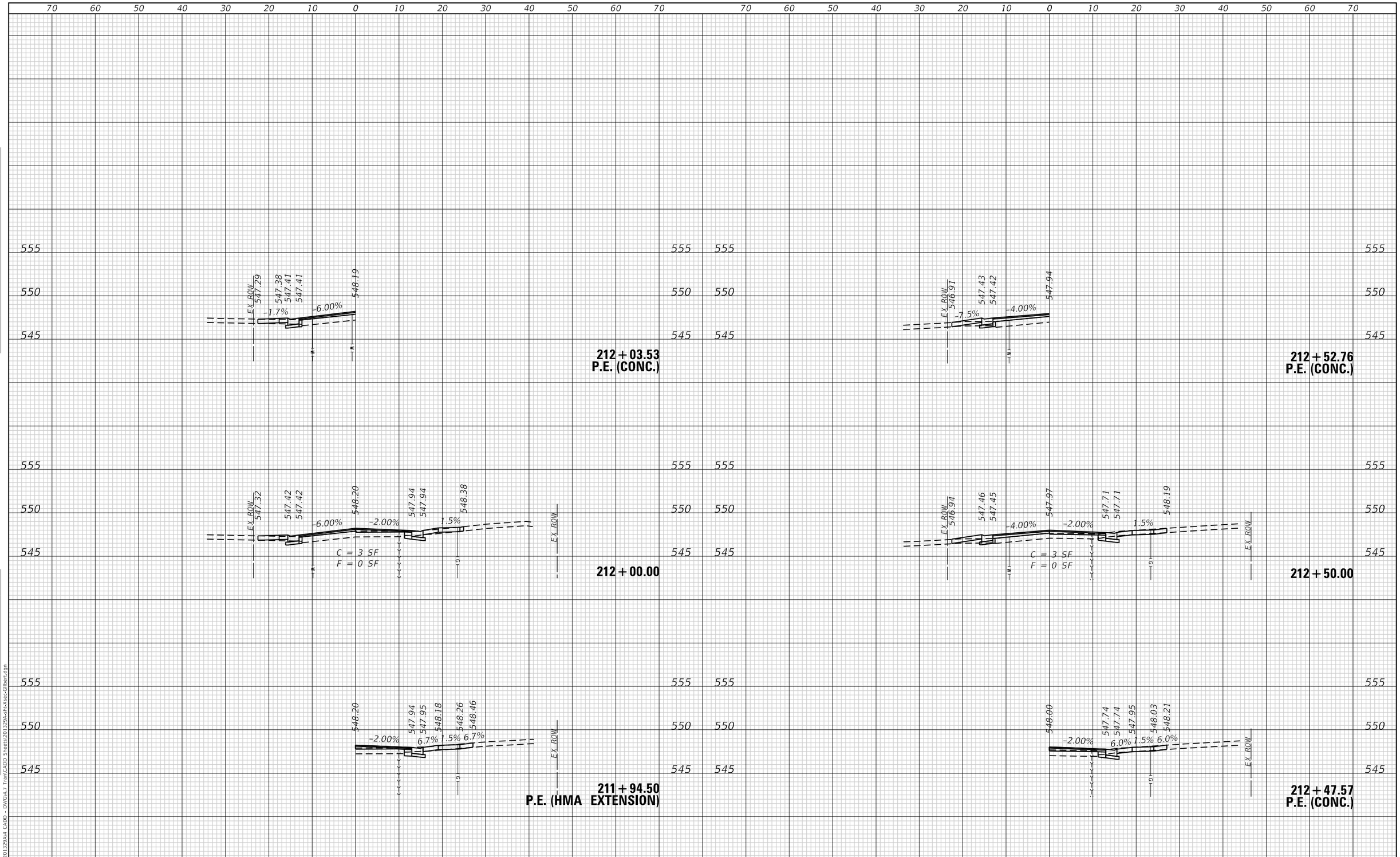
USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 5 OF 8 SHEETS | STA. 209+50.00 TO STA. 211+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	41
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: P:\2020\2013299\A4 CADD - DWG\4.7 Tran\CADD Sheets\2013299-sht-Xsec-Gilbert.dgn

TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

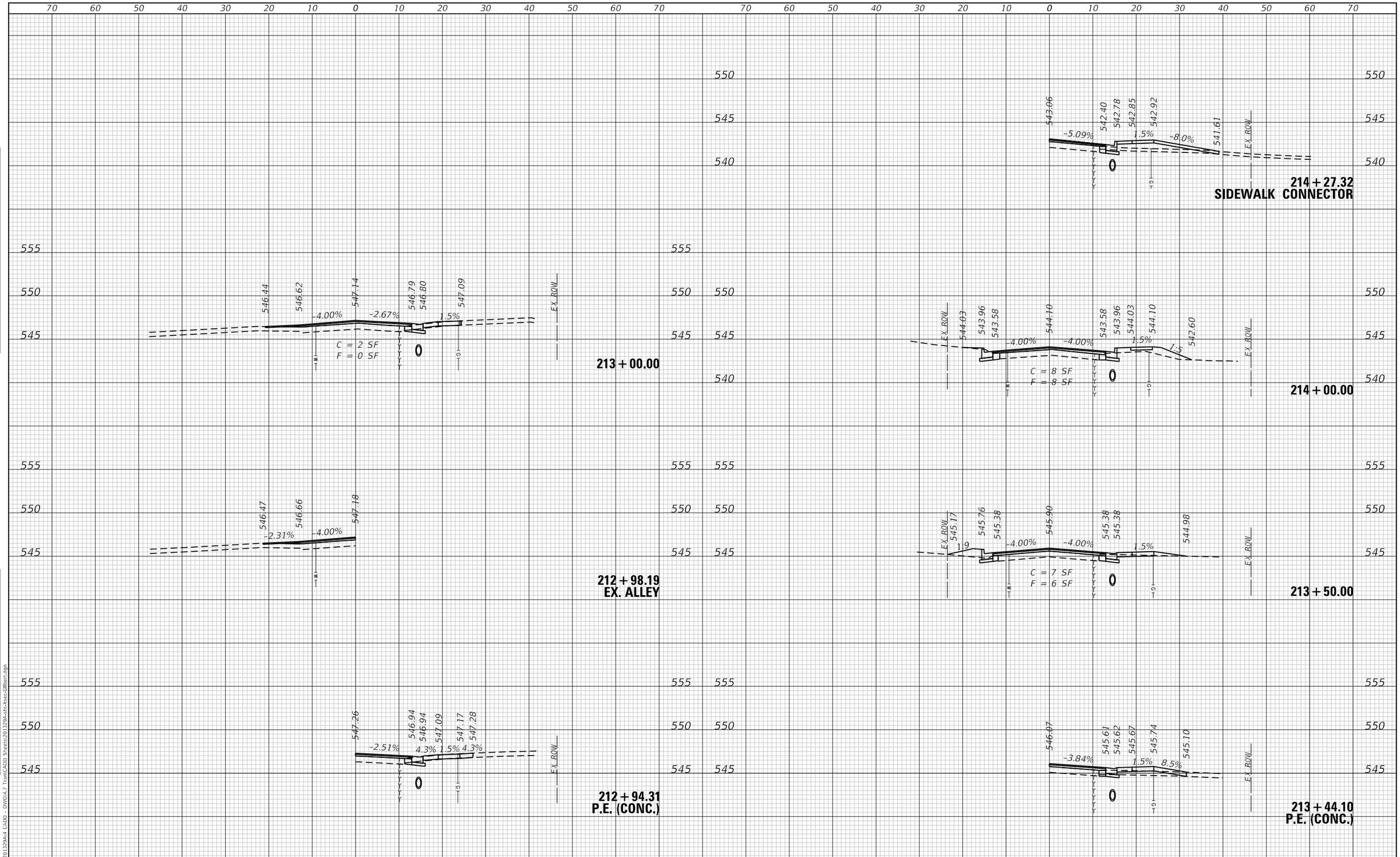
USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 6 OF 8 SHEETS | STA. 211+94.50 TO STA. 212+52.76

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	42
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	



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

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

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TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1888

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 7 OF 8 SHEETS | STA. 212+94.31 TO STA. 214+27.32

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	43
		CONTRACT NO. 97855		
		ILLINOIS	FED. AID PROJECT	

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

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

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FILE NAME: P:\2020\2013329\A4 CADD - DWG\4.7 Trans\CADD Sheets\2013329-sht-Xsec-Gilbert.dgn

TWM ENGINEERING GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = kostermiller	DESIGNED - KMO	REVISED -
	DRAWN - BAB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - SJK	REVISED -
PLOT DATE = 12/6/2024	DATE -	REVISED -

The Village of SWANSEA Est. 1885

CROSS SECTIONS
KENWOOD DRIVE /GILBERT STREET

SCALE: 1"=5' | SHEET 8 OF 8 SHEETS | STA. 214+50.00 TO STA. 214+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9264	21-00039-00-RS	ST CLAIR	44	44

CONTRACT NO. 97855

ILLINOIS | FED. AID PROJECT