

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00106-01-PV	MERCER	22	1
		ILLINOIS	CONTRACT NO. 89724	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5-8 SCHEDULE OF QUANTITIES
- 9-15 PLAN AND PROFILE SHEETS
- 16-21 INTERSECTION DETAILS
- 22 MISCELLANEOUS DETAILS

PROPOSED HIGHWAY PLANS

FAS 215
COUNTY HIGHWAY 16
SECTION 16-00106-01-PV
PROJECT RS-0215(103)
MILLING AND ASPHALT SURFACING
MERCER COUNTY

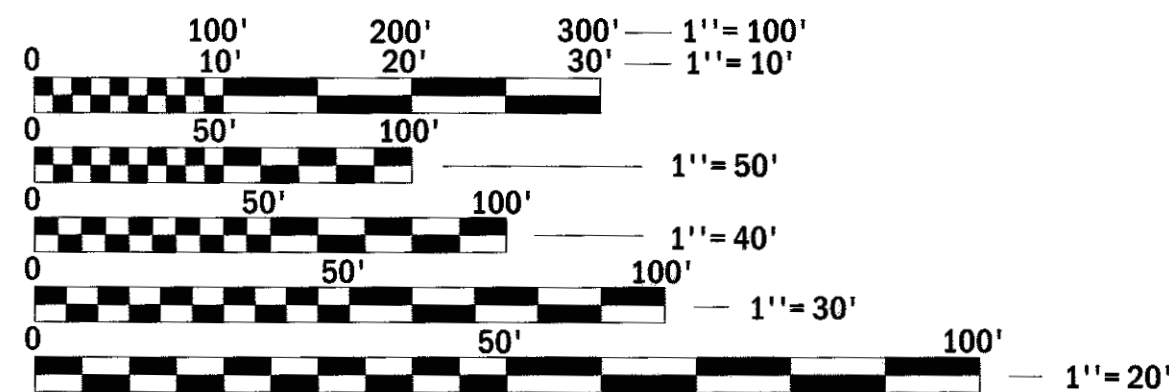
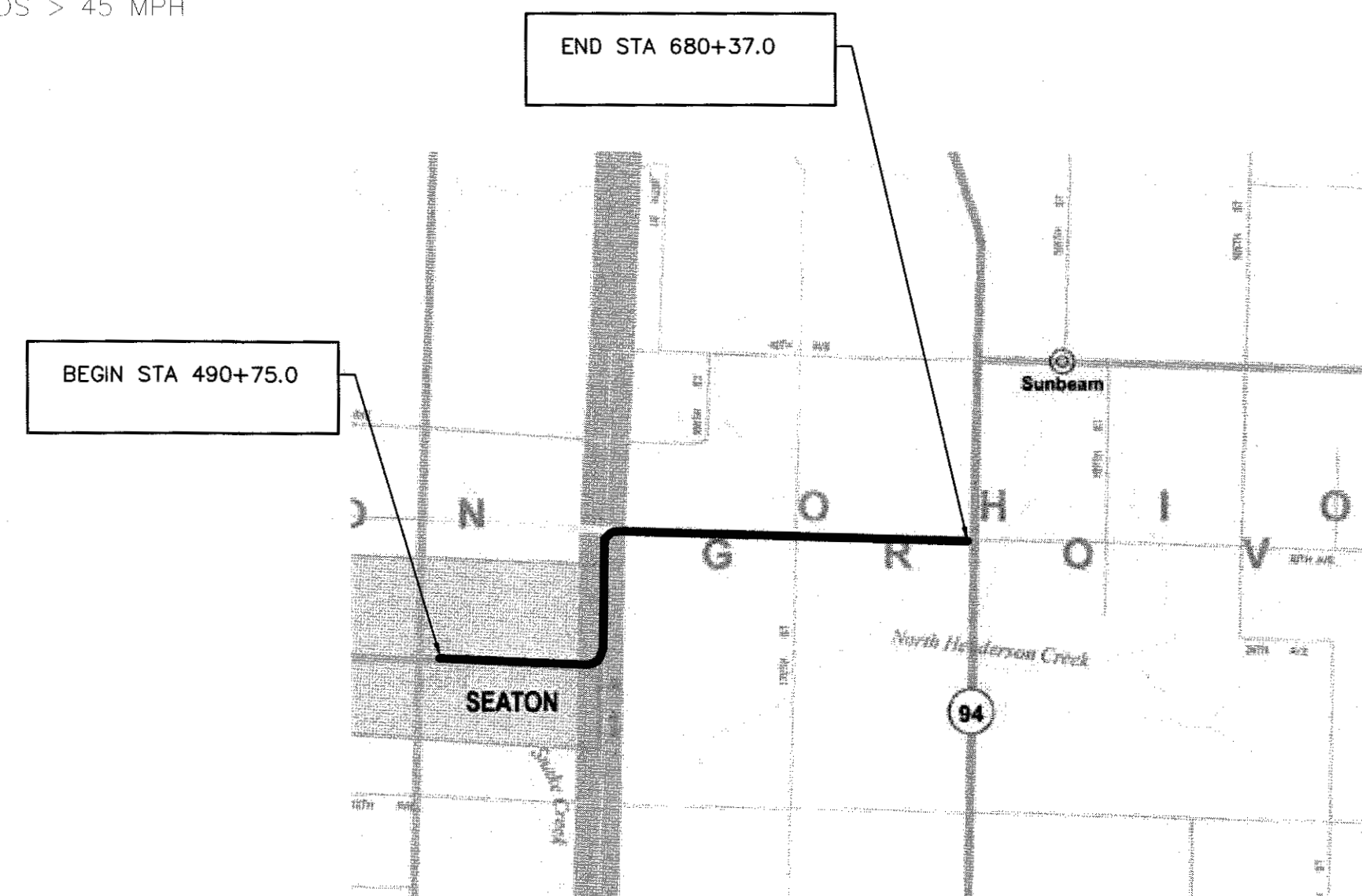
C-94-043-17

ILLINOIS HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
406201-01	MAILBOX TURNOUT
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSING
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' - 24" FROM PVT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS > 45 MPH
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TRAFFIC PAVEMENT MARKINGS



LOCATION OF SECTION INDICATED THUS: - [Black Box] -



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

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

FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR
DESIGN SPEED: 55 MPH
DESIGN TRAFFIC: ADT 600 (2015)

CATALOG NO. 035455-00
CONTRACT NO. 89724

GROSS LENGTH = 18,962.00 FT. = 3.591 MILE
NET LENGTH = 18,962.00 FT. = 3.591 MILE



KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors

Galesburg, Illinois
49 North Prairie Street
309.342.4042

www.klingner.com
Quincy, IL, Burlington, IA
Peña, IA, Hannibal, MO

IL DESIGN FIRM NO.: 1842738

APPROVED June 6, 2017
Neil Walsh
MERCER COUNTY ENGINEER

PASSED June 7, 2017
Tony Lassus, Kit
DISTRICT FOUR ENGINEER OF LOCAL ROADS AND STREETS

Releasing for Bid Based on Limited Plan
June 7, 2017
Kim A. Lutz
REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
2. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION, AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS OR HER OPERATIONS ACCORDINGLY.
3. ADJUSTMENTS OF UTILITY LOCATIONS SHALL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED.
4. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE MOST RECENT EDITION, AS INDICATED BY THE SUB-NUMBER ON THE COVER SHEET.
5. ALL DETAILS IN THESE PLANS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL GOVERN.
6. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
7. PRIOR TO THE CONSTRUCTION COMMENCING, THE CONTRACTOR SHALL NOTIFY LOCAL EMERGENCY SERVICES, AND THE MERCER COUNTY ENGINEER.

RATES OF APPLICATION TABLE

AGGREGATE, TYPE B (SURFACE, BASE, BASE, OR BACKFILL)	2.05 TON/CU YD
EROSION CONTROL SEEDING	100 LBS/ACRE
SURFACE TREATMENT	
BITUMINOUS MATERIALS (TACK COAT) - MILLED AREAS	0.05 LBS/SQ FT
BITUMINOUS MATERIALS (PRIME COAT) - AGGREGATE BASE	0.25 LBS/SQ FT
TACK COAT - BETWEEN LIFTS	0.025 LBS/SQ FT

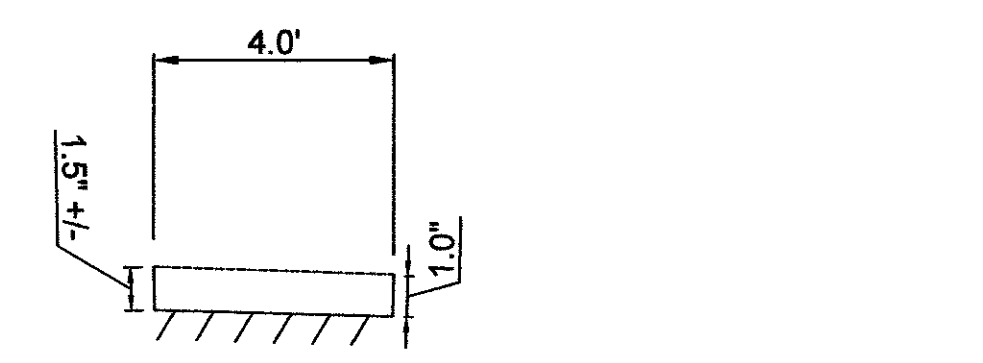
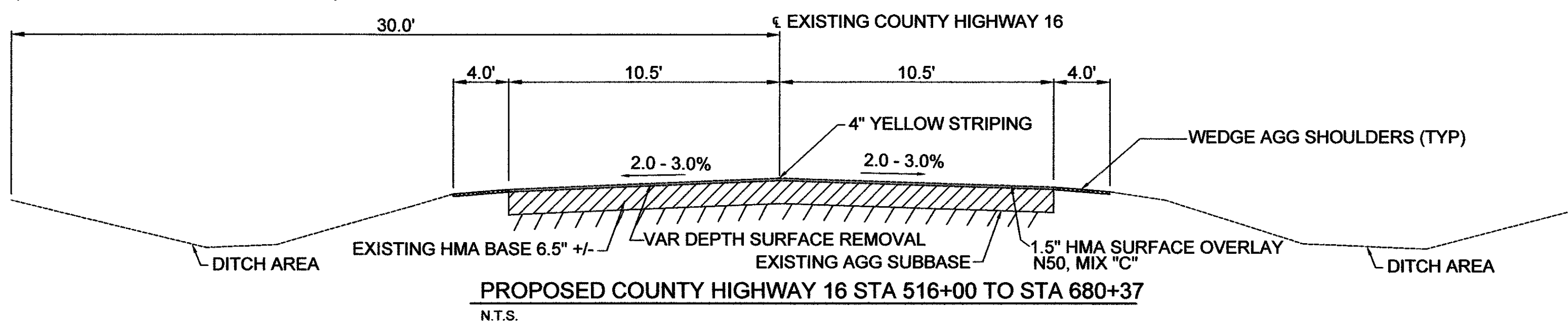
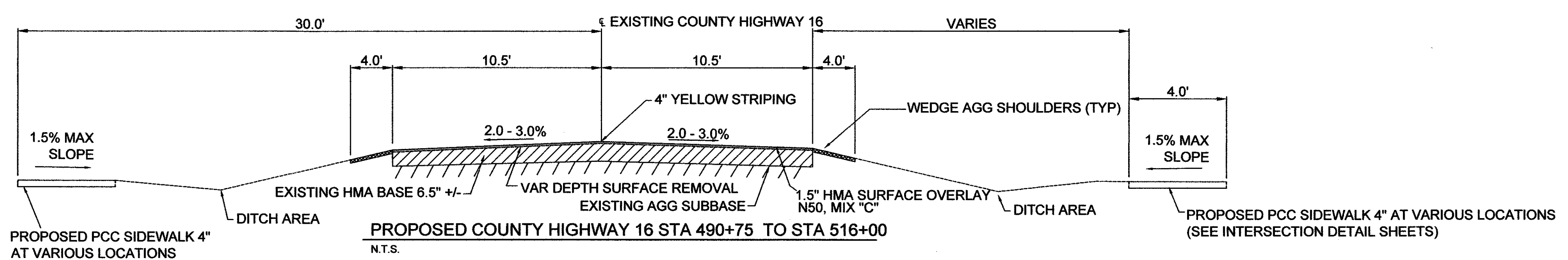
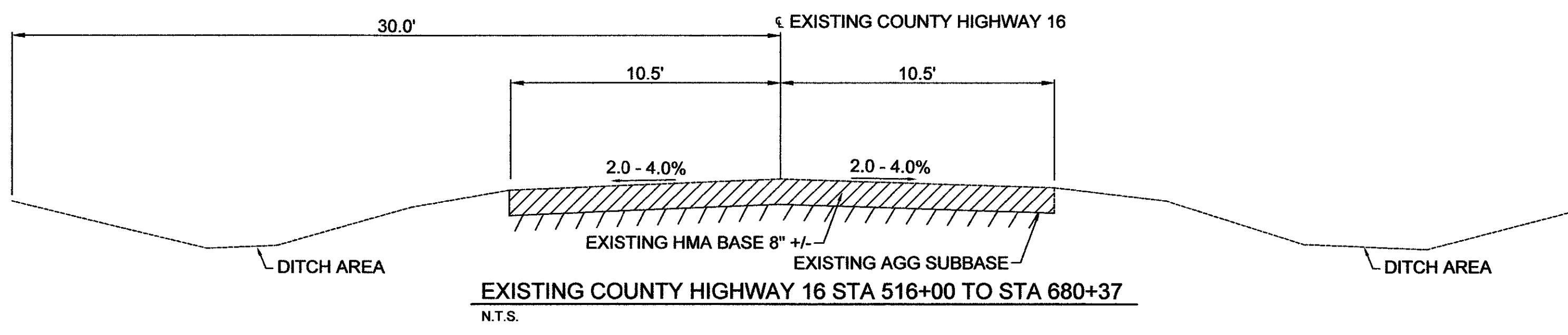
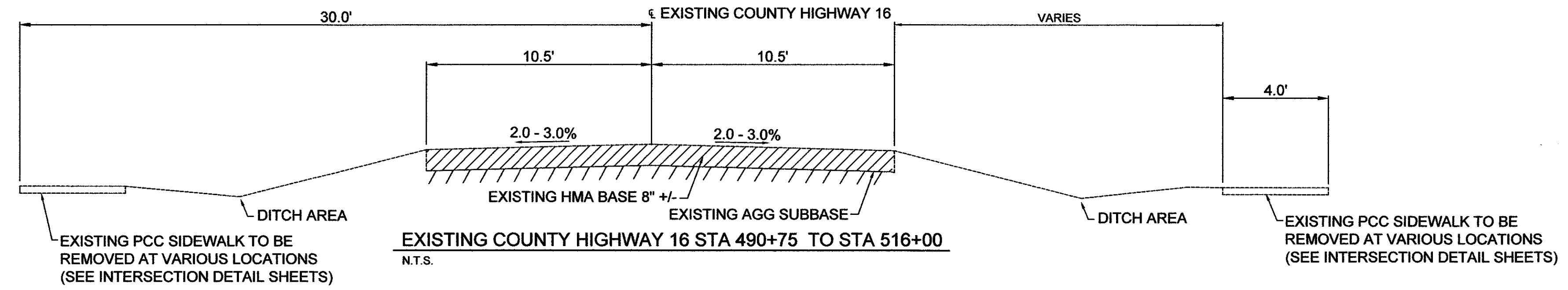
HMA MIXTURE DESIGN REQUIREMENTS

MIXTURE USES:	SURFACE
PG:	64-28
DESIGN AIR VOIDS:	4% AT Ndes 50
MIXTURE COMPOSITION:	IL 9.5
FRICTION AGGREGATE:	MIX C
MIXTURE WEIGHTS:	112 LBS/SY-IN
QUALITY CONTROL PROGRAM:	QC/QA
SUBLOT SIZE:	N/A

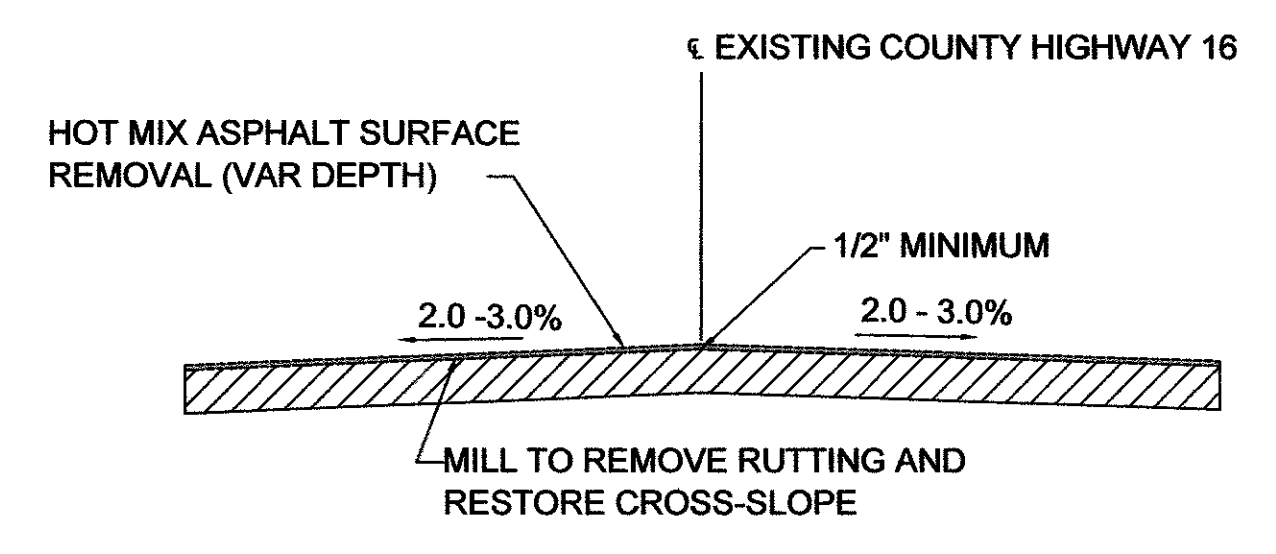
SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	35101400	AGGREGATE BASE COURSE, TYPE B	TON	246.0
	40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	LBS	1,352.0
	40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	LBS	20,324.0
*	40603510	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, "MIX C", N50	TON	3,893.0
*	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	733
	42400800	DETECTABLE WARNINGS	SQ FT	72
*	44000600	SIDEWALK REMOVAL	SQ FT	404
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,209
	67100100	MOBILIZATION	L SUM	1.0
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,000
	72000100	SIGN PANEL - TYPE 1	SQ FT	23
	73000100	WOOD SIGN SUPPORT	FOOT	64
Δ	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	18,275
Δ	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	15
*	X4401198	HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	44,261
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0

Δ SPECIALTY ITEMS

FILE NAME --	USER NAME -- MCL	DESIGNED -- MCL	REVISED --	MERCER COUNTY	COUNTY HIGHWAY 16 SUMMARY OF QUANTITIES	TR	SECTION	COUNTY	TOTAL	SHEET	
		DRAWN -- MCL	REVISED --			RTE.	16-00106-01-PV	MERCER	SHEETS	NO.	
		CHECKED -- EBB	REVISED --			SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	22	3
		DATE --	REVISED --							CONTRACT 89724	
						ILLINOIS LOCAL PROJECT					



PROPOSED WEDGE AGGREGATE SHOULDER DETAIL
N.T.S.



HMA SURFACE REMOVAL (VARIABLE DEPTH) DETAIL
N.T.S.

FILE NAME =	USER NAME = MCL	DESIGNED -- MCL	REVISED --	MERCER COUNTY	COUNTY HIGHWAY 16 TYPICAL SECTIONS			TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -- MCL	REVISED --		SCALE: N/A			16-00106-01-PV	MERCER	22	4	
		CHECKED -- EBB	REVISED --		SHEET NO. 1 OF 1 SHEETS			CONTRACT 89724		ILLINOIS LOCAL PROJECT		
		DATE --	REVISED --		STA. TO STA.							

SIDEWALK REMOVAL SCHEDULE

LOCATION		O/S	WIDTH	SIDEWALK REMOVAL
				44000600
				SQ FT
WALNUT & C.H. 16	NE CORNER	RT	VARIES	11.5
	SE CORNER	LT	VARIES	6.8
CHESTNUT & C.H. 16	SW CORNER	RT	VARIES	33.4
	SE CORNER	RT	VARIES	35.8
POPLAR & C.H. 16	SW CORNER	RT	VARIES	125.6
	SE CORNER	RT	VARIES	92.4
ASH & C.H. 16	SW CORNER	RT	VARIES	18.2
	SE CORNER	RT	VARIES	24.8
OAK & C.H. 16	SW CORNER	RT	VARIES	55.3
TOTALS				403.8
USE				404.0

SIDEWALK SCHEDULE

LOCATION		STATION TO STATION		O/S	RUNNING SLOPE	PCC SIDEWALK	DETECTABLE
						4 INCH	WARNINGS
						42400100	42400800
						SQ FT	SQ FT
WALNUT & C.H. 16	NE CORNER	490+60.7	490+83.9	LT	1.6%	92.1	8.0
	SE CORNER	490+62.1	490+73.8	RT	1.5%	45.7	8.0
CHESTNUT & C.H. 16	SW CORNER	493+23.0	493+32.1	RT	1.1%	36.4	8.0
	SE CORNER	493+46.2	493+58.7	RT	1.8%	49.1	8.0
POPLAR & C.H. 16	SW CORNER	495+81.4	496+21.9	RT	3.2%	160.9	8.0
	SE CORNER	496+33.8	496+61.3	RT	7.5% & 4.8%	109.4	8.0
ASH & C.H. 16	SW CORNER	502+48.5	502+79.8	RT	3.4%	124.7	8.0
	SE CORNER	502+91.1	503+03.5	RT	2.1%	48.8	8.0
OAK & C.H. 16	SW CORNER	508+95.7	509+12.3	RT	3.0%	65.8	8.0
TOTALS						732.9	72.0
USE						733	72.0

PAVING SCHEDULE

ROADWAY	STATION TO STATION		OFFSET	HMA SURFACE REMOVAL (VAR DEPTH)	PHMA SURFACE COURSE, "MIX C", N50	POLY - BIT. MATERIALS (TACK COAT)	WEDGE AGG. SHOULDER, TYPE B
				X4401198	40603510	40600295	48102100
				SQ YD	TON	POUND	TON
C.H. 16	490+75	680+37	CL	44,260.5	3,717.9	19,917.2	
	490+75	680+37	RT & LT				1,208.6
TOTALS				44,260.5	3,717.9	19,917.2	1,208.6
USE				44,261.0	3,718.0	19,918.0	1,209.0

PAVEMENT MARKING SCHEDULE

ROADWAY	STATION TO STATION		OFFSET	DESCRIPTION	PAINT PAVEMENT MARKING LINE - 24"	PAINT PAVEMENT MARKING LINE - 4"
					78001180	78001110
					FOOT	FOOT
C.H. 16	490+74.2	490+76.2	LT	STOP BAR	14.3	
	490+74.2	502+32.1	CL	DOUBLE SOLID		2,315.8
	502+32.1	522+50.0	CL	SINGLE SKIP DASH		1,009.0
	522+50.0	529+50.0	CL	WB SKIP DASH		350.0
	522+50.0	540+50.0	CL	EB SOLID		1,800.0
	529+50.0	551+00.0	CL	WB SOLID		2,150.0
	540+50.0	560+75.0	CL	EB SKIP DASH		1,012.5
	551+00.0	569+00.0	CL	WB SKIP DASH		900.0
	560+75.0	578+00.0	CL	EB SOLID		1,725.0
	569+00.0	588+00.0	CL	WB SOLID		1,900.0
	578+00.0	588+00.0	CL	EB SKIP DASH		500.0
	588+00.0	680+25.2	CL	SINGLE SKIP DASH		4,612.6
TOTAL					14.3	18,274.9
USE					15.0	18,275.0

SIGN SCHEDULE

STA	OFFSET	DESCRIPTION	MUTCD	SIZE (IN)	SIGN PANEL TYPE 1	WOOD SIGN SUPPORT
					72000100	73000100
					SQ FT	FOOT
522+50.0	RT	NO PASSING ZONE	W14-3	48 x 36	5.6	16.0
529+50.0	LT	NO PASSING ZONE	W14-3	48 x 36	5.6	16.0
560+75.0	RT	NO PASSING ZONE	W14-3	48 x 36	5.6	16.0
569+00.0	LT	NO PASSING ZONE	W14-3	48 x 36	5.6	16.0
TOTALS					22.4	64.0
USE					23.0	64.0

MAILBOX TURNOUT SCHEDULE

STA	OFFSET	EXISTING MATERIAL	PHMA SURFACE COURSE, "MIX C", N50	AGGREGATE BASE COURSE, TYPE B	POLY-BIT MATERIALS (PRIME COAT)
			40603510	35101400	40600285
			TON	TON	POUND
** 493+52	RT	HMA	2.6	5.3	35.2
* 494+16	RT	HMA	3.4	7.0	46.0
** 496+00	RT	HMA	3.6	7.3	48.3
* 501+74	RT	HMA	3.4	7.0	46.0
* 503+50	RT	HMA	3.4	7.0	46.0
* 504+60	RT	HMA	3.4	7.0	46.0
* 505+70	RT	HMA	3.4	7.0	46.0
* 509+30	RT	HMA	3.4	7.0	46.0
* 515+90	RT	HMA	3.4	7.0	46.0
* 568+70	RT	HMA	3.4	7.0	46.0
* 640+88	RT	HMA	3.4	7.0	46.0
* 628+90	RT	HMA	3.4	7.0	46.0
TOTALS			40.2	82.6	543.5
USE			41.0	83.0	544.0

* PER STANDARD 406201-01: TYPICAL APPLICATION

** PER STANDARD 406201-01: MAILBOX ON FAR SIDE AND/OR NEAR SIDE

DRIVEWAY AND SIDE ROAD SCHEDULE

STA	OFFSET	EXISTING MATERIAL	DESCRIPTION	AVE. WIDTH	LENGTH	PHMA SURFACE COURSE, "MIX C", N50	AGGREGATE BASE COURSE, TYPE B	POLY-BIT MATERIALS (PRIME COAT)	POLY-BIT MATERIALS (TACK COAT)
						40603510	35101400	40600285	40600295
						TON	TON	POUND	POUND
492+00.0	LT	HMA	DRIVEWAY	15.0	15.5	1.8			9.5
492+15.3	RT	HMA	DRIVEWAY	15.0	17.3	2.0			11.00
493+36.1	LT	HMA	DRIVEWAY	15.0	14.8	1.7			8.9
493+40.0	RT	HMA	RETURN	26.6	18.6	5.7	11.6	76.5	
494+23.4	LT	HMA	DRIVEWAY	15.0	13.5	1.9			10.1
494+66.4	RT	HMA	DRIVEWAY	15.0	16.8	2.4			12.6
495+45.7	LT	HMA	DRIVEWAY	15.0	15.2	2.1			11.4
496+27.2	LT	HMA	RETURN	26.4	15.4	5.1	10.4	68.5	
496+27.2	RT	HMA	RETURN	25.3	18.0	5.6	11.4	75.0	
501+74.4	RT	HMA	DRIVEWAY	15.8	16.6	2.4			13.1
502+84.5	RT	HMA	RETURN	26.5	18.3	5.5	11.1	73.3	
503+04.1	LT	AGG	DRIVEWAY	28.4	7.5	1.9	7.6	50.3	
504+18.5	LT	HMA	DRIVEWAY	17.7	8.6	1.4			7.6
504+59.2	LT	HMA	DRIVEWAY	21.5	10.2	2.0			10.9
504+76.9	RT	HMA	DRIVEWAY	16.9	15.2	2.4			12.8
505+53.5	RT	HMA	DRIVEWAY	15.0	14.5	2.0			10.7
505+94.8	LT	HMA	DRIVEWAY	20.2	11.5	2.2			11.6

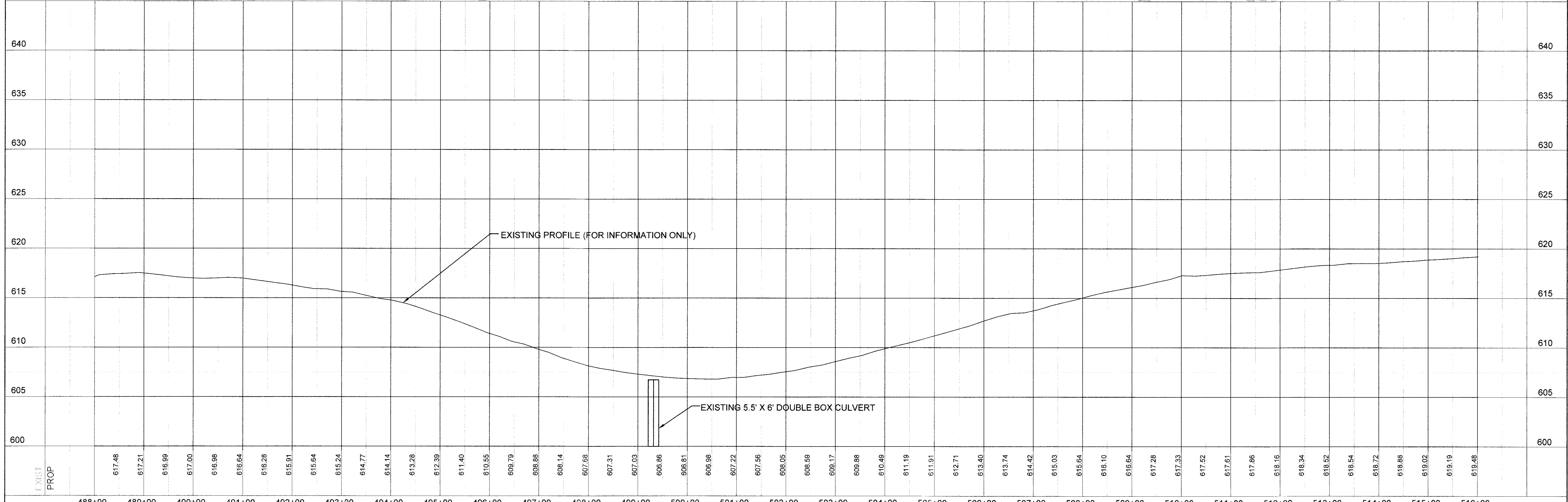
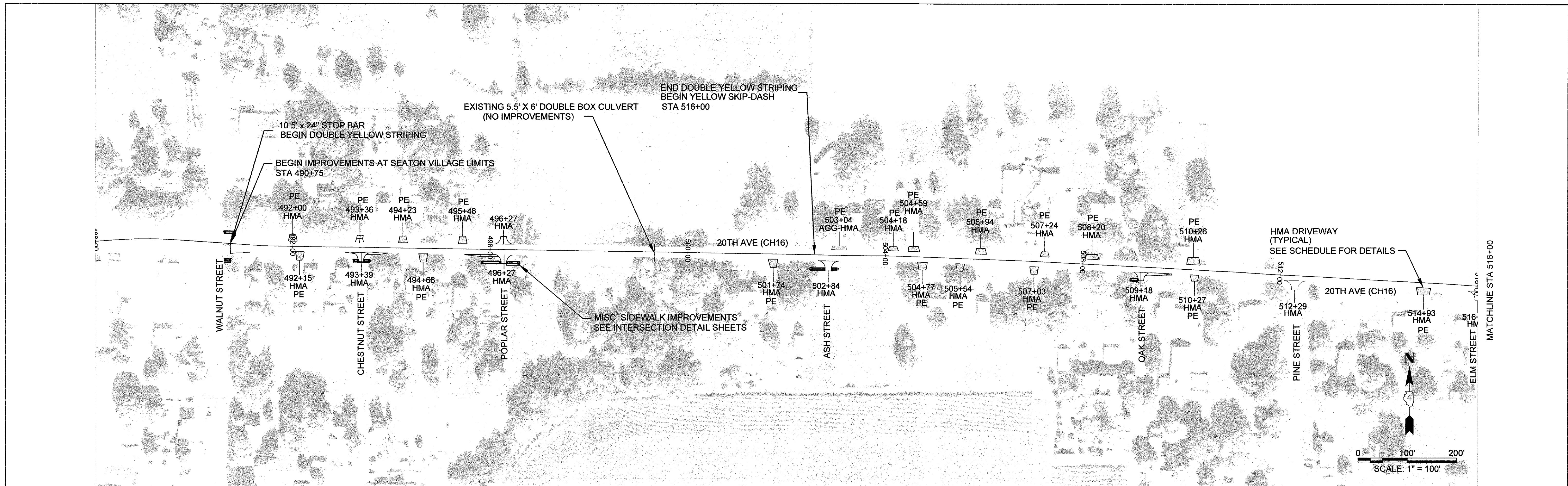
STA	OFFSET	EXISTING MATERIAL	DESCRIPTION	AVE. WIDTH	LENGTH	PHMA SURFACE COURSE, "MIX C", N50	AGGREGATE BASE COURSE, TYPE B	POLY-BIT MATERIALS (PRIME COAT)	POLY-BIT MATERIALS (TACK COAT)
						40603510	35101400	40600285	40600295
						TON	TON	POUND	POUND
507+02.6	RT	HMA	DRIVEWAY	15.0	15.0	2.1			11.2
507+24.2	LT	HMA	DRIVEWAY	16.0	10.1	1.5			8.1
508+20.4	LT	HMA	DRIVEWAY	25.0	9.7	2.3			12.1
509+17.7	RT	HMA	RETURN	25.2	17.2	5.3	10.7	70.8	
510+26.0	LT	HMA	DRIVEWAY	24.8	14.6	3.4			18.0
510+27.4	RT	HMA	DRIVEWAY	15.0	12.3	1.7			9.2
512+29.0	RT	HMA	RETURN	27.1	18.4	6.1	12.4	81.9	
514+92.6	RT	HMA	DRIVEWAY	26.2	14.5	3.5			19.0
516+00.0	RT	HMA	RETURN	27.1	18.4	6.2	12.5	82.5	
522+34.0	LT	AGG	FIELD ENTRANCE	24.0	15.8		7.2		
530+36.0	LT	AGG	FIELD ENTRANCE	23.0	9.8		4.3		
560+47.0	LT	AGG	FIELD ENTRANCE	23.0	12.8		5.6		
566+21.9	RT	HMA	DRIVEWAY	37.0	18.2	6.3			33.7
569+01.8	RT	HMA	DRIVEWAY	37.8	21.7	7.6			40.8
590+60.0	RT	AGG	FIELD ENTRANCE	29.5	11.0		6.2		
601+73.0	LT	HMA	RETURN	28.0	10.1	5.2	10.6	69.7	
614+74.0	RT	AGG	FIELD ENTRANCE	33.5	7.5		4.8		

DRIVEWAY AND SIDE ROAD SCHEDULE (CONT)

STA	OFFSET	EXISTING MATERIAL	DESCRIPTION	AVE. WIDTH	LENGTH	PHMA SURFACE COURSE, "MIX C", N50	AGGREGATE BASE COURSE, TYPE B	POLY-BIT MATERIALS (PRIME COAT)	POLY-BIT MATERIALS (TACK COAT)
						40603510	35101400	40600285	40600295
						TON	TON	POUND	POUND
616+61.5	RT	HMA	DRIVEWAY	15.3	12.3	1.8			9.4
619+81.0	RT	HMA	DRIVEWAY	32.3	17.1	5.1			27.5
620+37.0	RT	HMA	DRIVEWAY	32.3	17.1	5.1			27.5
628+49.4	RT	HMA	RETURN	31.5	11.3	6.6	13.5	89.0	
628+53.2	LT	HMA	RETURN	28.0	10.0	5.2	10.6	69.7	
640+68.9	LT	HMA	DRIVEWAY	15.3	12.9	1.8			9.8
643+17.0	LT	HMA	DRIVEWAY	17.4	10.0	1.6			8.7
651+26.6	RT	HMA	DRIVEWAY	31.5	11.3	3.3			17.8
655+17.0	LT	HMA	DRIVEWAY	19.4	8.5	1.5			8.2
667+90.0	LT	AGG	FIELD ENTRANCE	20.0	15.3		5.8		
667+90.0	RT	AGG	FIELD ENTRANCE	20.0	15.3		5.8		
678+79.2	RT	HMA	DRIVEWAY	28.7	9.7	2.6			13.9
TOTALS						133.9	162.2	807.2	405.1
USE						134.0	163.0	808.0	406.0

BY: [Signature]
 DATE: [Date]
 PROJECT: [Project Name]
 DRAWING NO.: [Drawing No.]

PROJ. LL: [Project Name]
 DATE: [Date]
 DRAWN BY: [Name]
 CHECKED BY: [Name]



EXIST	PROP	617.48	617.21	616.99	617.00	616.98	616.64	616.28	615.91	615.64	615.24	614.77	614.14	613.28	612.39	611.40	610.55	609.79	608.88	608.14	607.68	607.31	607.03	606.86	606.81	606.98	607.22	607.56	608.05	608.69	609.17	609.88	610.48	611.19	611.91	612.71	613.40	613.74	614.42	615.03	615.64	616.10	616.64	617.28	617.93	617.62	617.61	617.86	618.16	618.34	618.52	618.54	618.72	618.88	619.02	619.19	619.48	640	635	630	625	620	615	610	605	600
		488+00	489+00	490+00	491+00	492+00	493+00	494+00	495+00	496+00	497+00	498+00	499+00	500+00	501+00	502+00	503+00	504+00	505+00	506+00	507+00	508+00	509+00	510+00	511+00	512+00	513+00	514+00	515+00	516+00																																				

DESIGNED	MCL	REVISED	
DRAWN	MCL	REVISED	
CHECKED	EBB	REVISED	
DATE		REVISED	

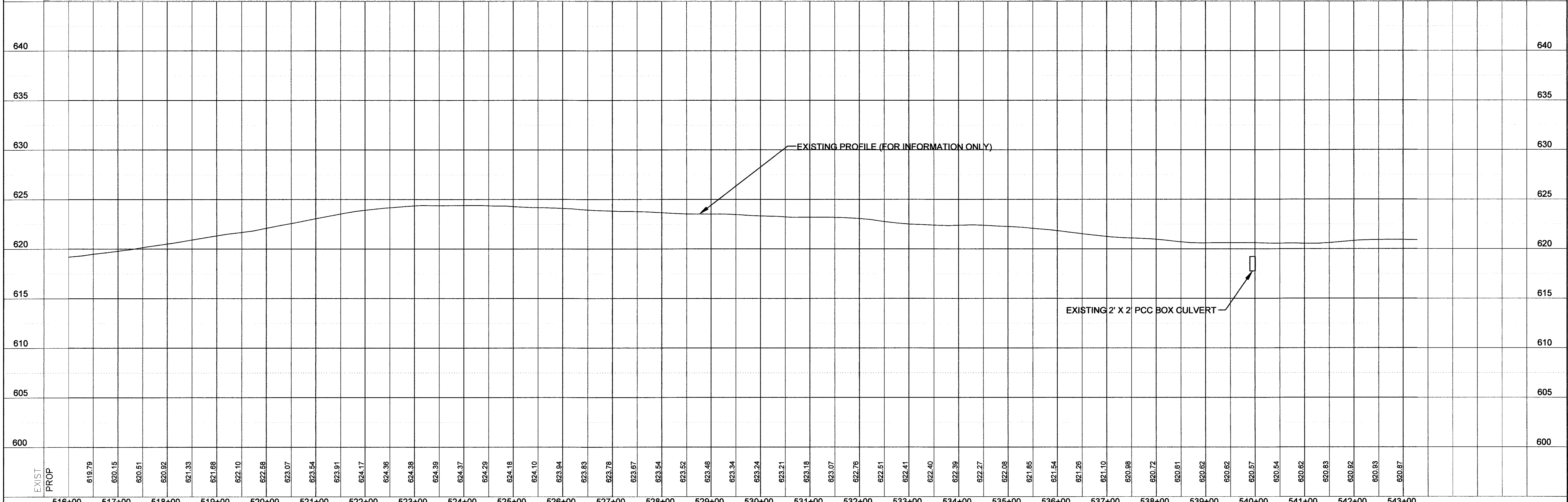
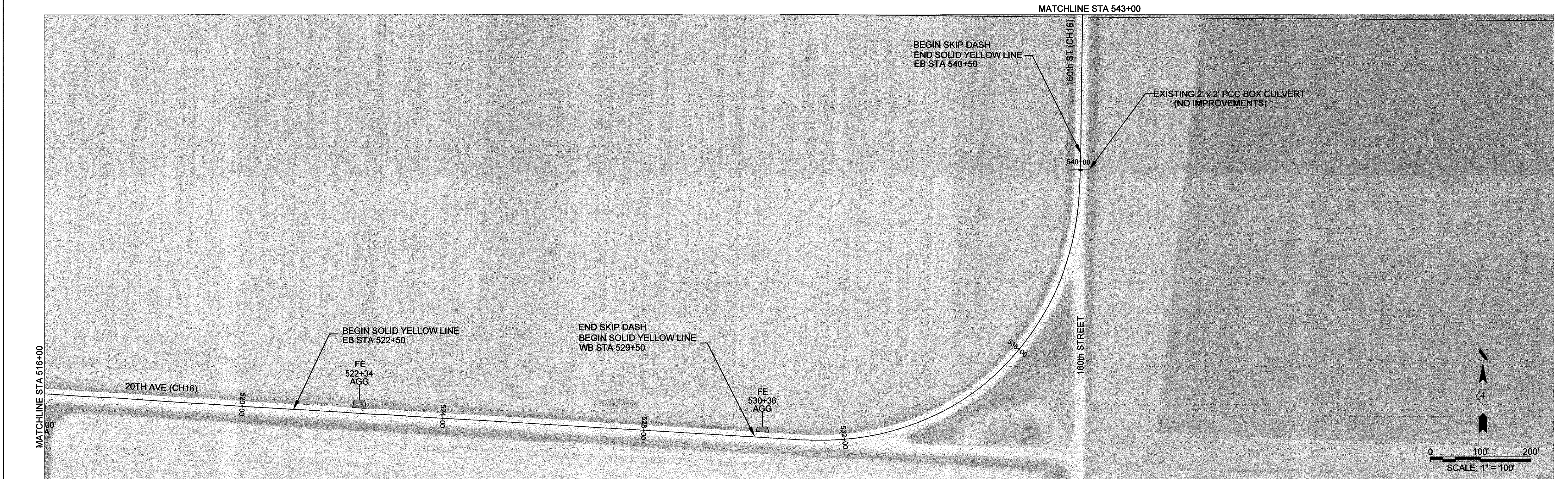
MERCER COUNTY

COUNTY HIGHWAY 16
 PLAN AND PROFILE SHEET
 SCALE: 1" = 100' SHEET NO. 1 OF 7 SHEETS STA. 488+00 TO STA. 516+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00106-01-PV	MERCER	22	9
CONTRACT 89724			
ILLINOIS LOCAL PROJECT			

PLAN	REVISIONS	BY	DATE
NO.	NO.		
	NOTED		
	CHECKED		
	APPROVED		

PROFILE	REVISIONS	BY	DATE
NO.	NO.		
	NOTED		
	CHECKED		
	APPROVED		



USER NAME = MCL	DESIGNED = MCL	REVISED =
	DRAWN = MCL	REVISED =
	CHECKED = EBB	REVISED =
	DATE =	REVISED =

MERCER COUNTY

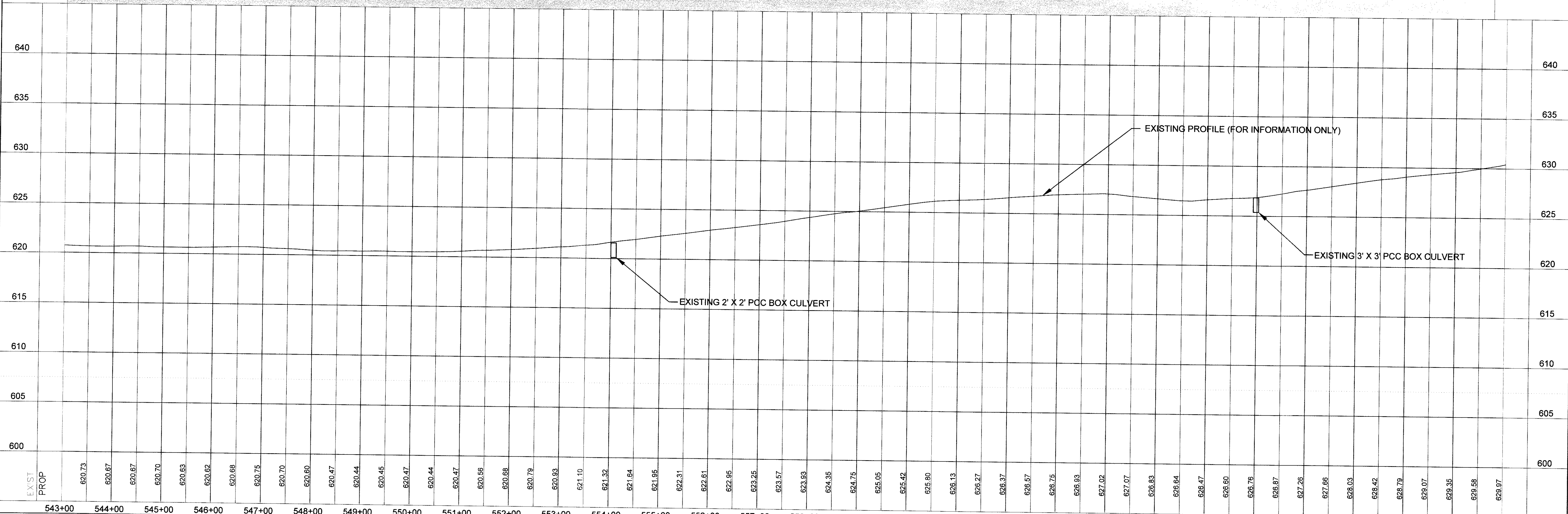
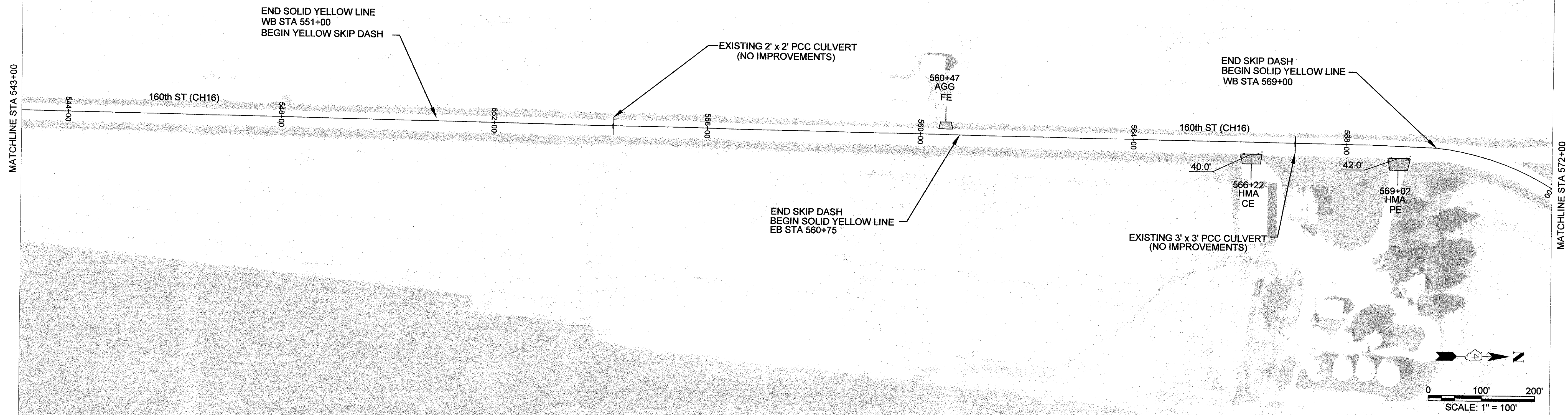
COUNTY HIGHWAY 16
PLAN AND PROFILE SHEET

SCALE: 1" = 100' SHEET NO. 2 OF 7 SHEETS STA. 516+00 TO STA. 543+00

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00106-01-PV		MERCER	22	10
CONTRACT 89724				
ILLINOIS LOCAL PROJECT				

DATE	3/7
BY	
PROJECT	
NO.	
DATE	
BY	
PROJECT	
NO.	

DATE	
BY	
PROJECT	
NO.	
DATE	
BY	
PROJECT	
NO.	



543+00	544+00	545+00	546+00	547+00	548+00	549+00	550+00	551+00	552+00	553+00	554+00	555+00	556+00	557+00	558+00	559+00	560+00	561+00	562+00	563+00	564+00	565+00	566+00	567+00	568+00	569+00	570+00	571+00	572+00																												
620.73	620.67	620.67	620.70	620.63	620.62	620.68	620.75	620.70	620.60	620.47	620.44	620.45	620.47	620.44	620.47	620.56	620.68	620.79	620.93	621.10	621.32	621.64	621.95	622.31	622.61	622.95	623.25	623.57	623.93	624.35	624.75	625.05	625.42	625.80	626.13	626.27	626.37	626.57	626.75	626.93	627.02	627.07	626.93	626.84	626.47	626.60	626.76	626.87	627.26	627.66	628.03	628.42	628.79	629.07	629.35	629.58	629.97

DESIGNED	MCL	REVISED	-
DRAWN	MCL	REVISED	-
CHECKED	EBB	REVISED	-
DATE	-	REVISED	-

USER NAME	MCL
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MERCER COUNTY	
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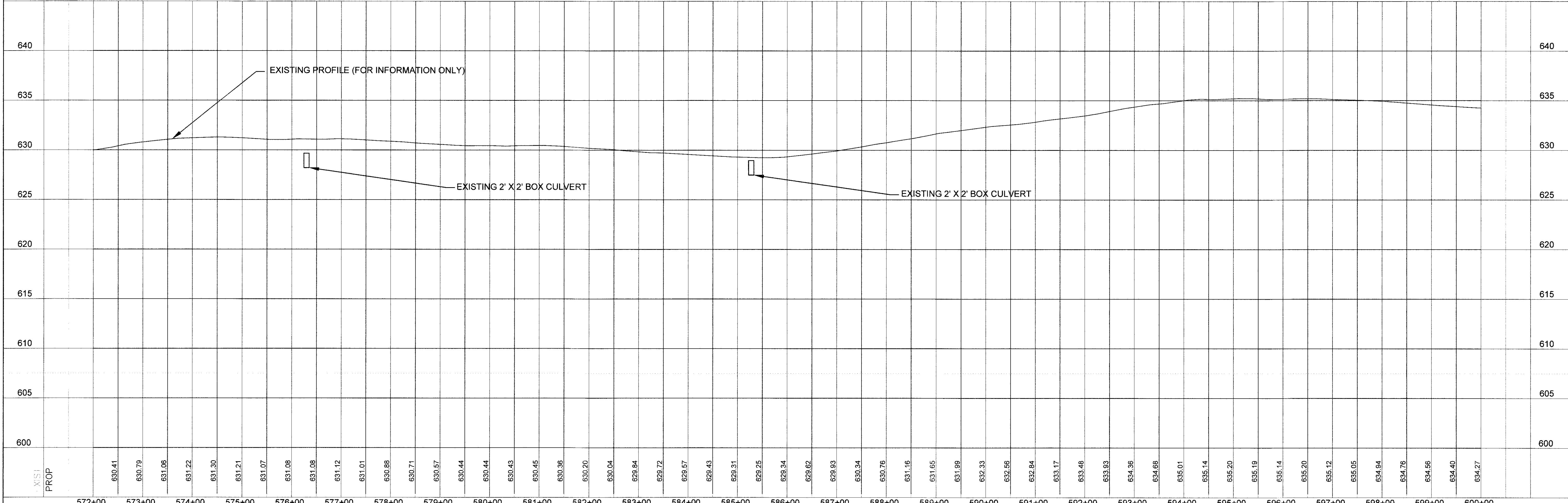
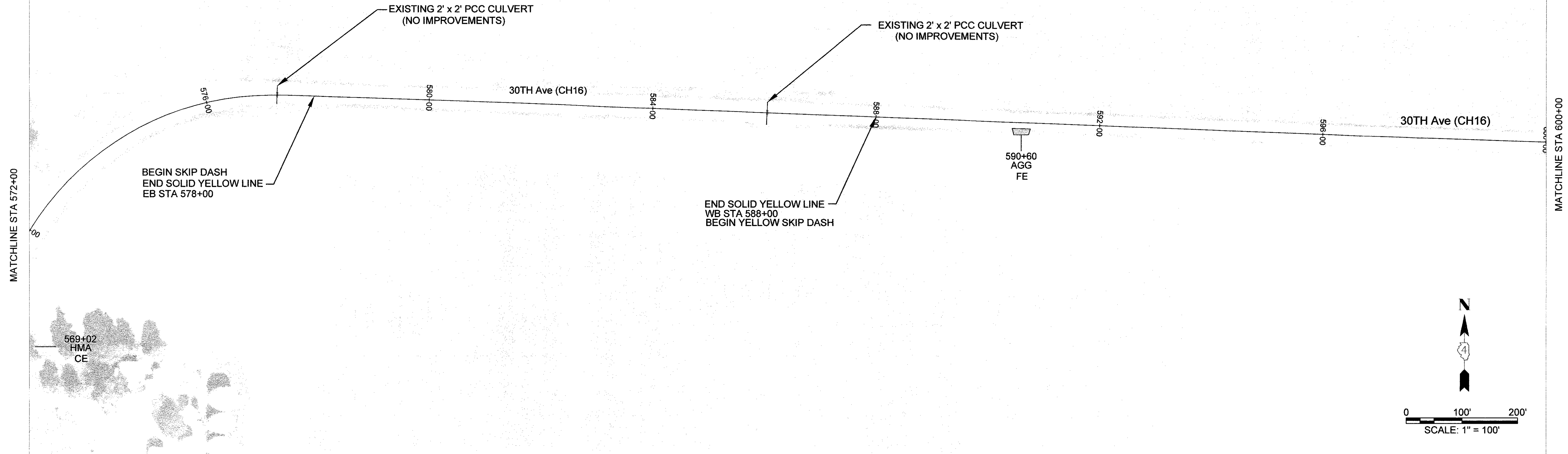
COUNTY HIGHWAY 16	
PLAN AND PROFILE SHEET	

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00106-01-PV	MERCER	22	11

SCALE: 1" = 100'	SHEET NO. 3 OF 7 SHEETS	STA. 543+00 TO STA. 572+00	CONTRACT 89724	ILLINOIS LOCAL PROJECT
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BY: []
 DATE: []
 PROJECT: []
 SHEET: [] OF []
 CONTRACT: []

SURVEYED BY: []
 DATE: []
 PROJECT: []
 SHEET: [] OF []
 CONTRACT: []



DESIGNED	MCL	REVISD	
DRAWN	MCL	REVISD	
CHECKED	EBB	REVISD	
DATE		REVISD	

MERCER COUNTY

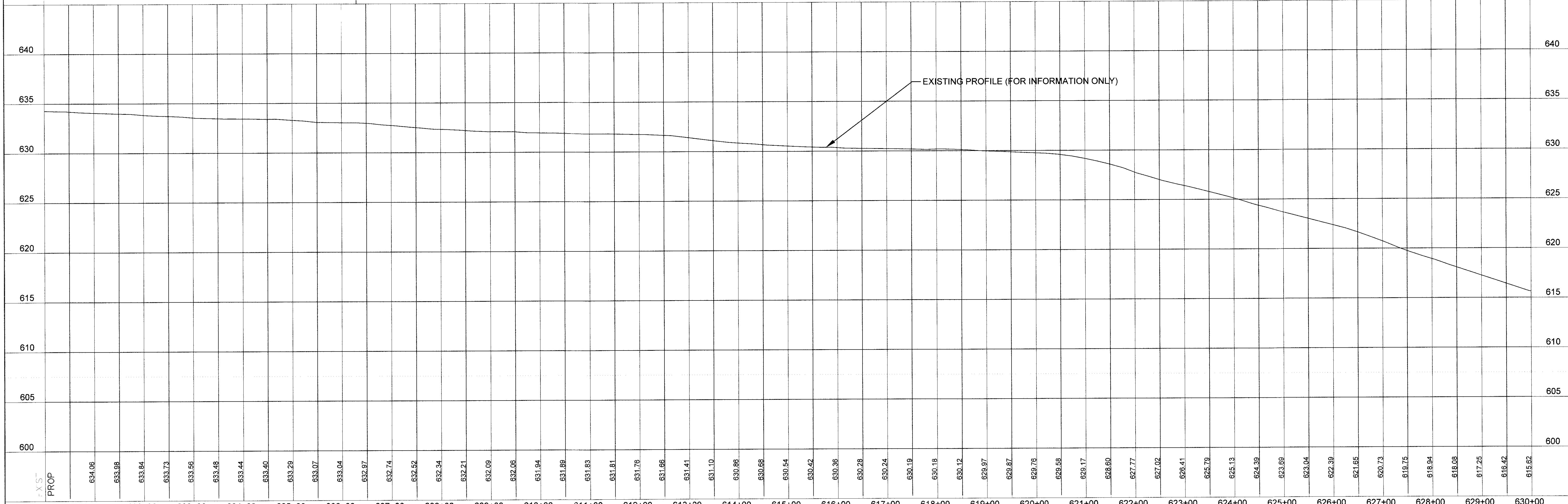
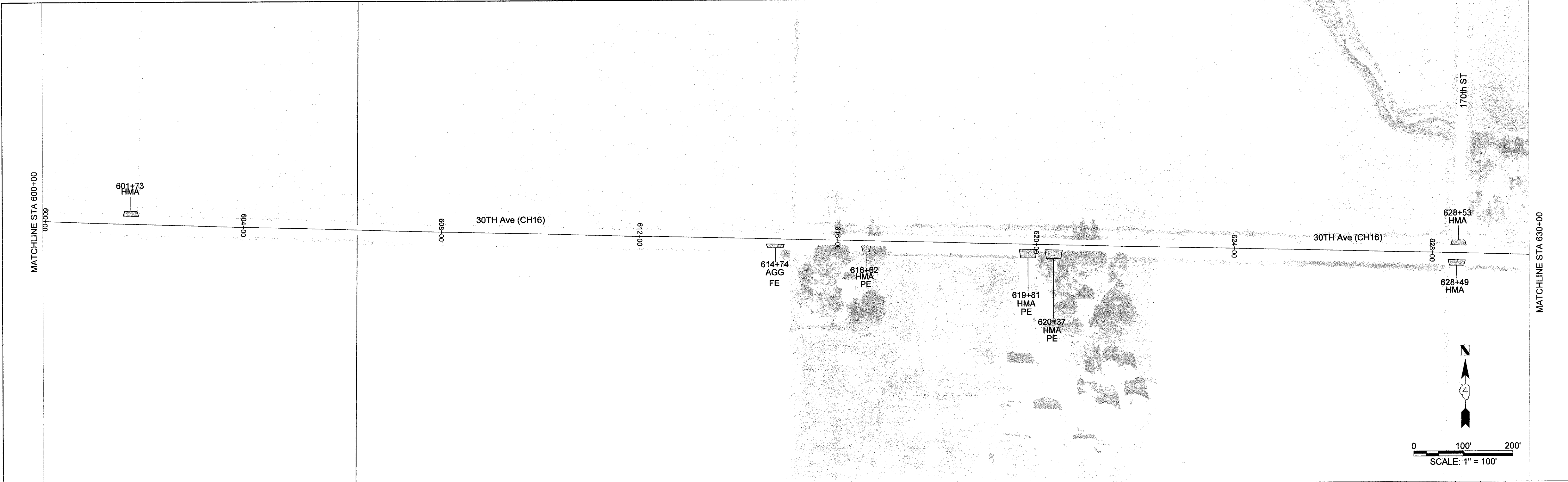
COUNTY HIGHWAY 16
 PLAN AND PROFILE SHEET

SCALE: 1" = 100' SHEET NO. 4 OF 7 SHEETS STA. 572+00 TO STA. 600+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00106-01-PV	MERCER	22	12
		CONTRACT 89724	
ILLINOIS LOCAL PROJECT			

PLAN
 DESIGNED BY: []
 CHECKED BY: []
 DATE: []

PROFILE
 SURVEYED BY: []
 CHECKED BY: []
 DATE: []



600+00	601+00	602+00	603+00	604+00	605+00	606+00	607+00	608+00	609+00	610+00	611+00	612+00	613+00	614+00	615+00	616+00	617+00	618+00	619+00	620+00	621+00	622+00	623+00	624+00	625+00	626+00	627+00	628+00	629+00	630+00																												
634.06	633.98	633.84	633.73	633.56	633.48	633.44	633.40	633.29	633.07	633.04	632.97	632.74	632.52	632.34	632.21	632.09	632.06	631.94	631.89	631.83	631.81	631.76	631.66	631.41	631.10	630.86	630.68	630.54	630.42	630.36	630.28	630.24	630.19	630.18	630.12	629.97	629.87	629.76	629.68	629.47	628.90	627.77	627.02	626.41	625.79	625.13	624.39	623.69	623.04	622.39	621.65	620.73	619.75	618.94	618.08	617.25	616.42	615.62

DESIGNED	MCL	REVISIONS	---
DRAWN	MCL	REVISIONS	---
CHECKED	EBB	REVISIONS	---
DATE	---	REVISIONS	---

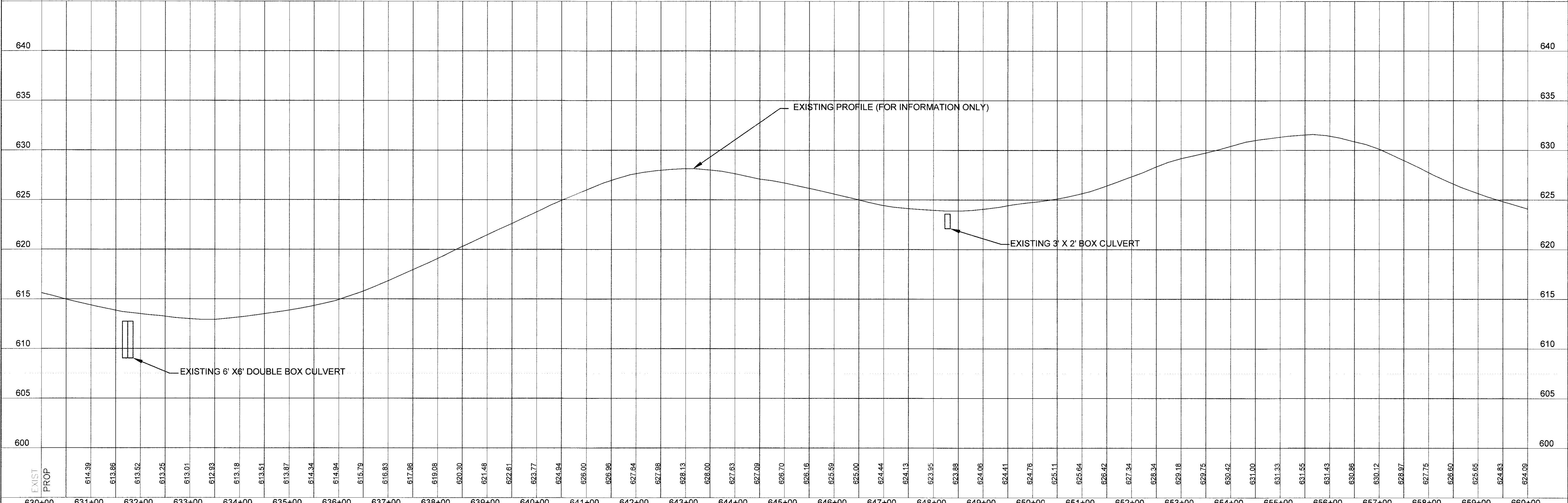
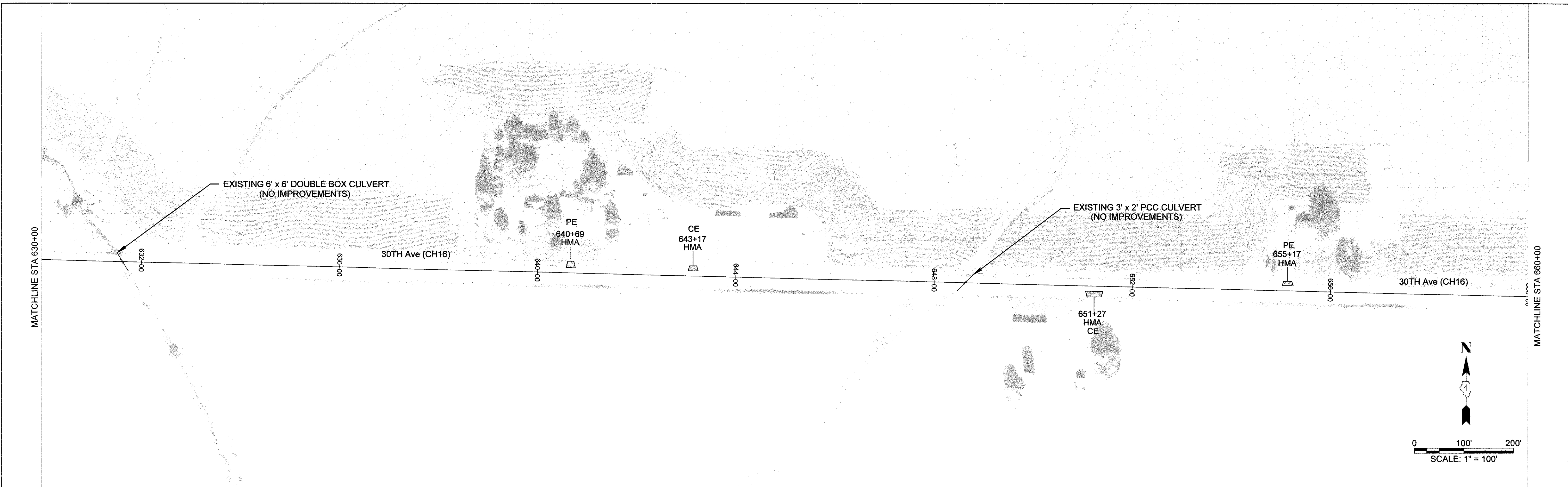
MERCER COUNTY

COUNTY HIGHWAY 16
 PLAN AND PROFILE SHEET
 SCALE: 1" = 100' | SHEET NO. 5 OF 7 SHEETS | STA. 600+00 TO STA. 630+00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00106-01-PV	MERCER	22	13
CONTRACT 89724		ILLINOIS LOCAL PROJECT	

PLAN	REVISION	BY	DATE
NOTED			
NOTED			
NOTED			
NOTED			
NOTED			

PROFILE	REVISION	BY	DATE
NOTED			
NOTED			
NOTED			
NOTED			
NOTED			



EXIST	PROP	630+00	631+00	632+00	633+00	634+00	635+00	636+00	637+00	638+00	639+00	640+00	641+00	642+00	643+00	644+00	645+00	646+00	647+00	648+00	649+00	650+00	651+00	652+00	653+00	654+00	655+00	656+00	657+00	658+00	659+00	660+00																												
		614.39	613.86	613.52	613.25	613.01	612.83	613.18	613.51	613.87	614.34	614.84	615.79	616.83	617.86	619.08	620.30	621.48	622.61	623.77	624.94	626.00	626.96	627.64	627.88	628.13	628.00	627.63	627.09	626.70	626.16	625.59	625.00	624.44	624.13	623.95	623.88	624.06	624.41	624.76	625.11	625.64	626.42	627.34	628.34	629.18	629.75	630.42	631.00	631.33	631.55	631.43	630.86	630.12	628.97	627.75	626.60	625.65	624.83	624.09

DESIGNED	MCL	REVISED	-
DRAWN	MCL	REVISED	-
CHECKED	EBB	REVISED	-
DATE	-	REVISED	-

VERCER COUNTY

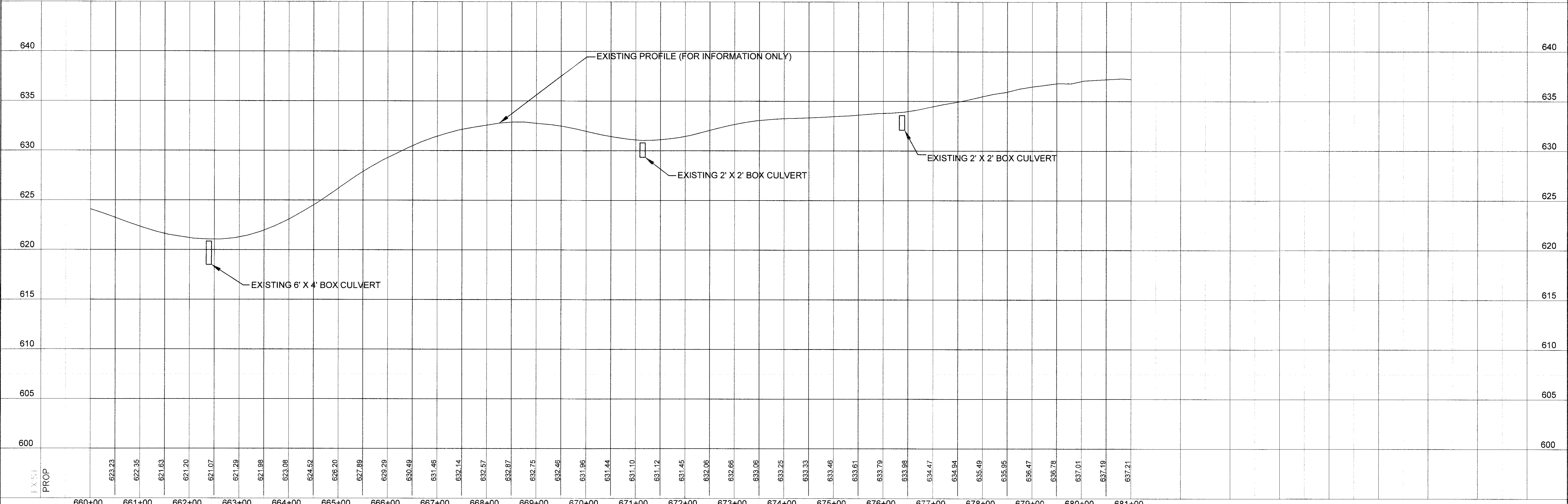
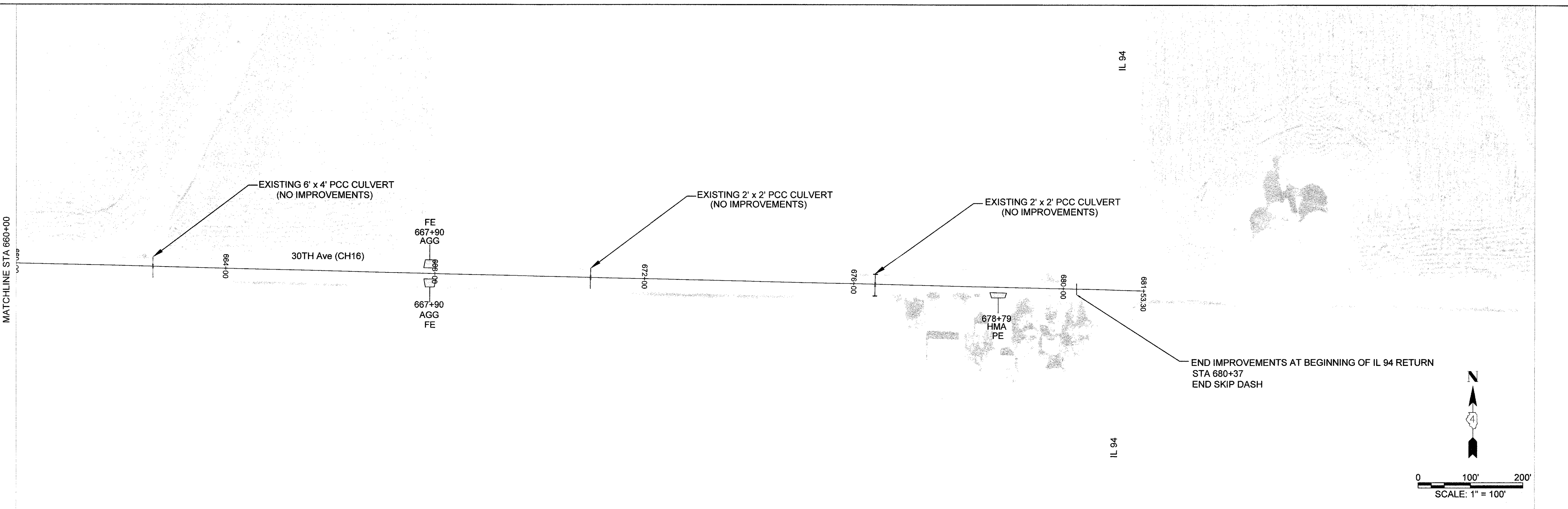
COUNTY HIGHWAY 16
 PLAN AND PROFILE SHEET
 SCALE: 1" = 100' SHEET NO. 6 OF 7 SHEETS STA. 630+00 TO STA. 660+00

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00106-01-PV	MERCER	22	14
CONTRACT 89724			ILLINOIS LOCAL PROJECT	

BY DATE
 PLAN
 NO. 1 BOOK
 NO.

PROJECT NO. 16-00106-01-PV
 CONTRACT NO. 89724
 COUNTY MERCER
 LOCAL PROJECT

MATCHLINE STA 660+00



660+00	661+00	662+00	663+00	664+00	665+00	666+00	667+00	668+00	669+00	670+00	671+00	672+00	673+00	674+00	675+00	676+00	677+00	678+00	679+00	680+00	681+00																				
623.23	622.35	621.63	621.20	621.07	621.29	621.98	623.08	624.52	626.20	627.89	629.29	630.49	631.46	632.14	632.57	632.87	632.75	632.46	631.96	631.44	631.10	631.12	631.45	632.06	632.66	633.06	633.25	633.33	633.46	633.61	633.79	633.98	634.47	634.94	635.49	635.95	636.47	636.78	637.01	637.19	637.21

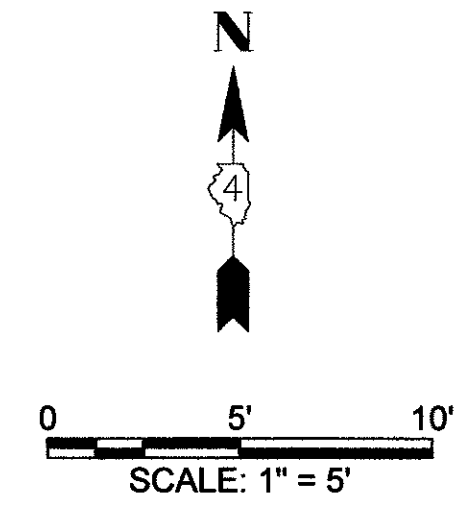
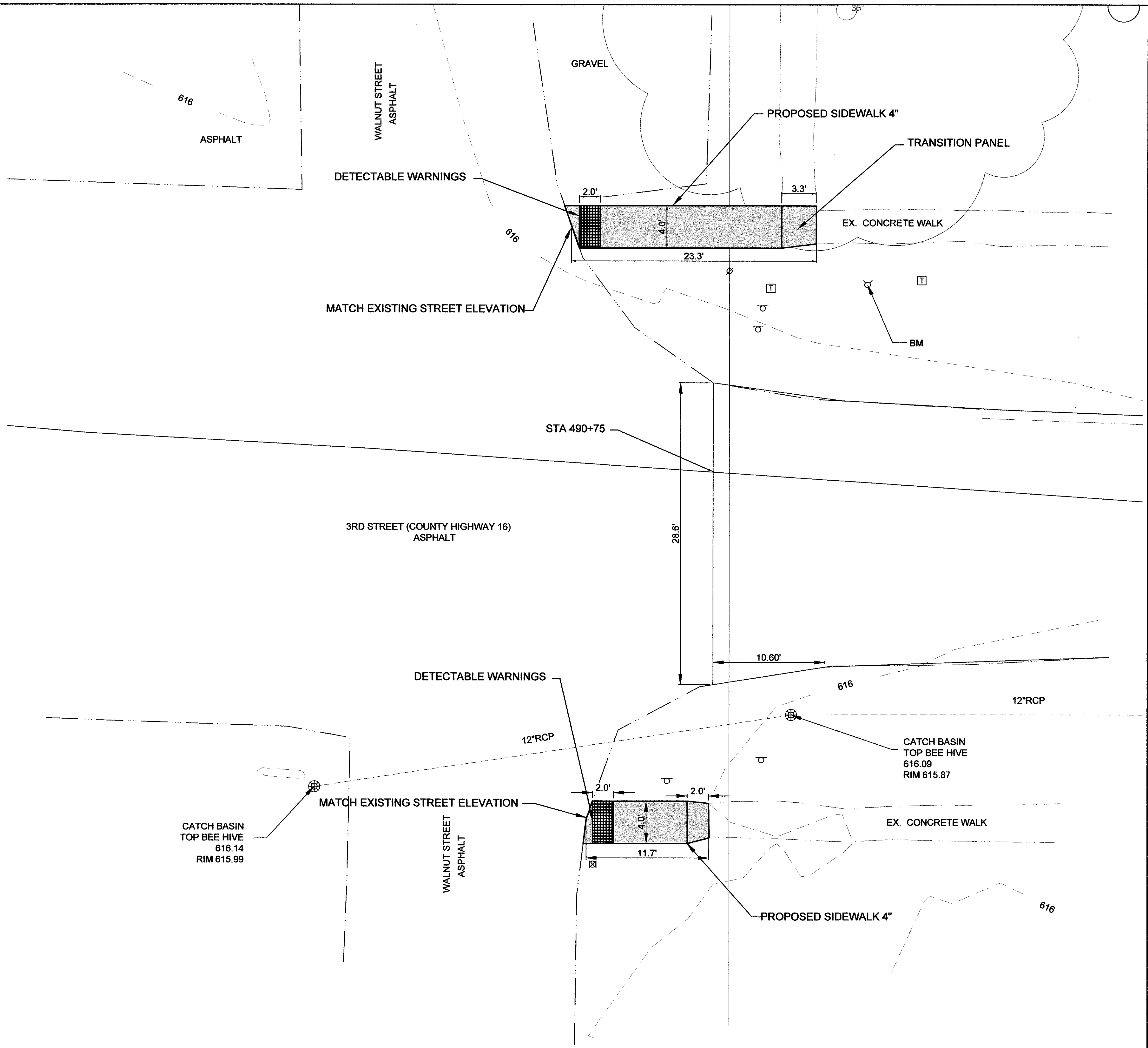
DESIGNED	MCL	REVISED	
DRAWN	MCL	REVISED	
CHECKED	EBB	REVISED	
DATE		REVISED	

MERCER COUNTY

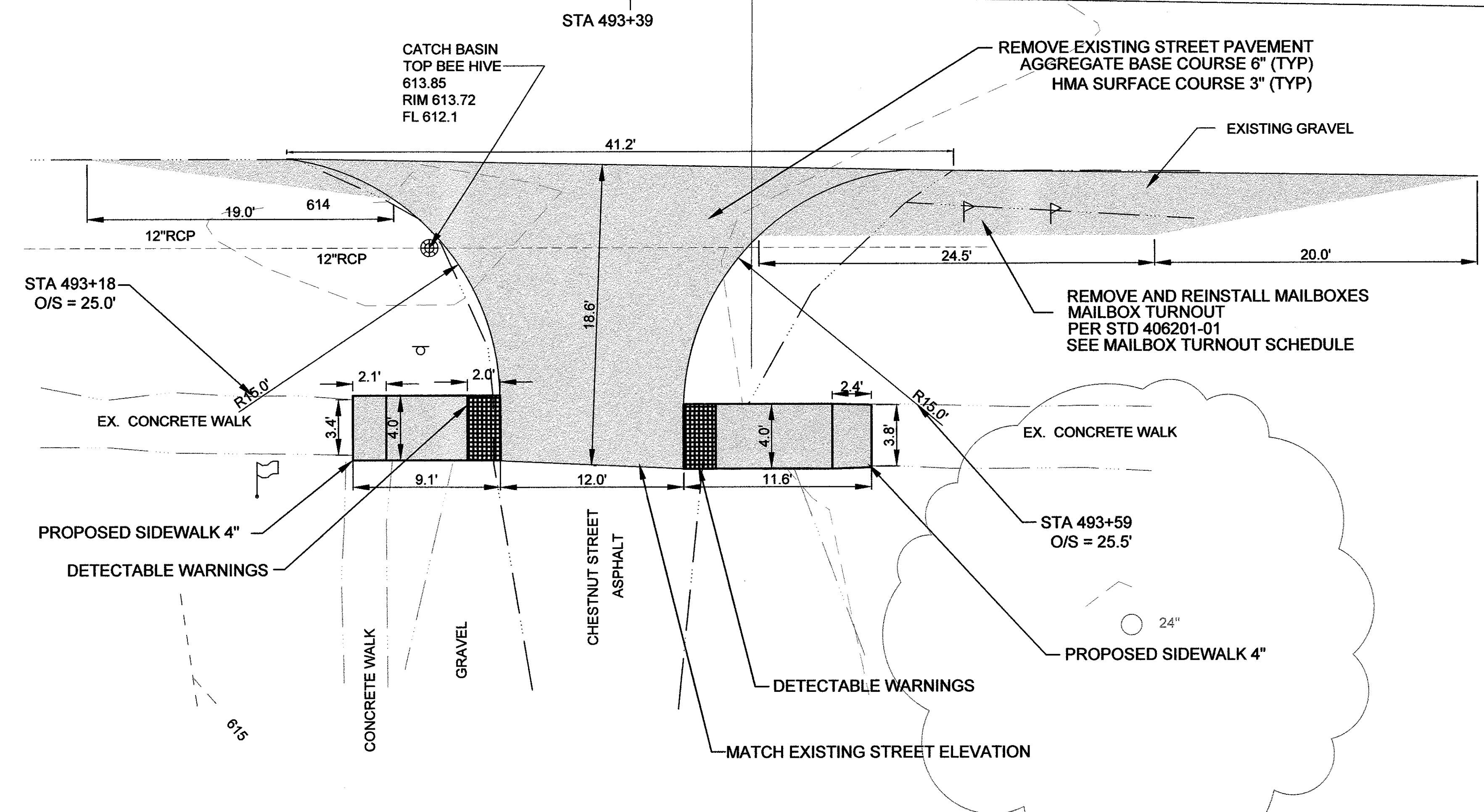
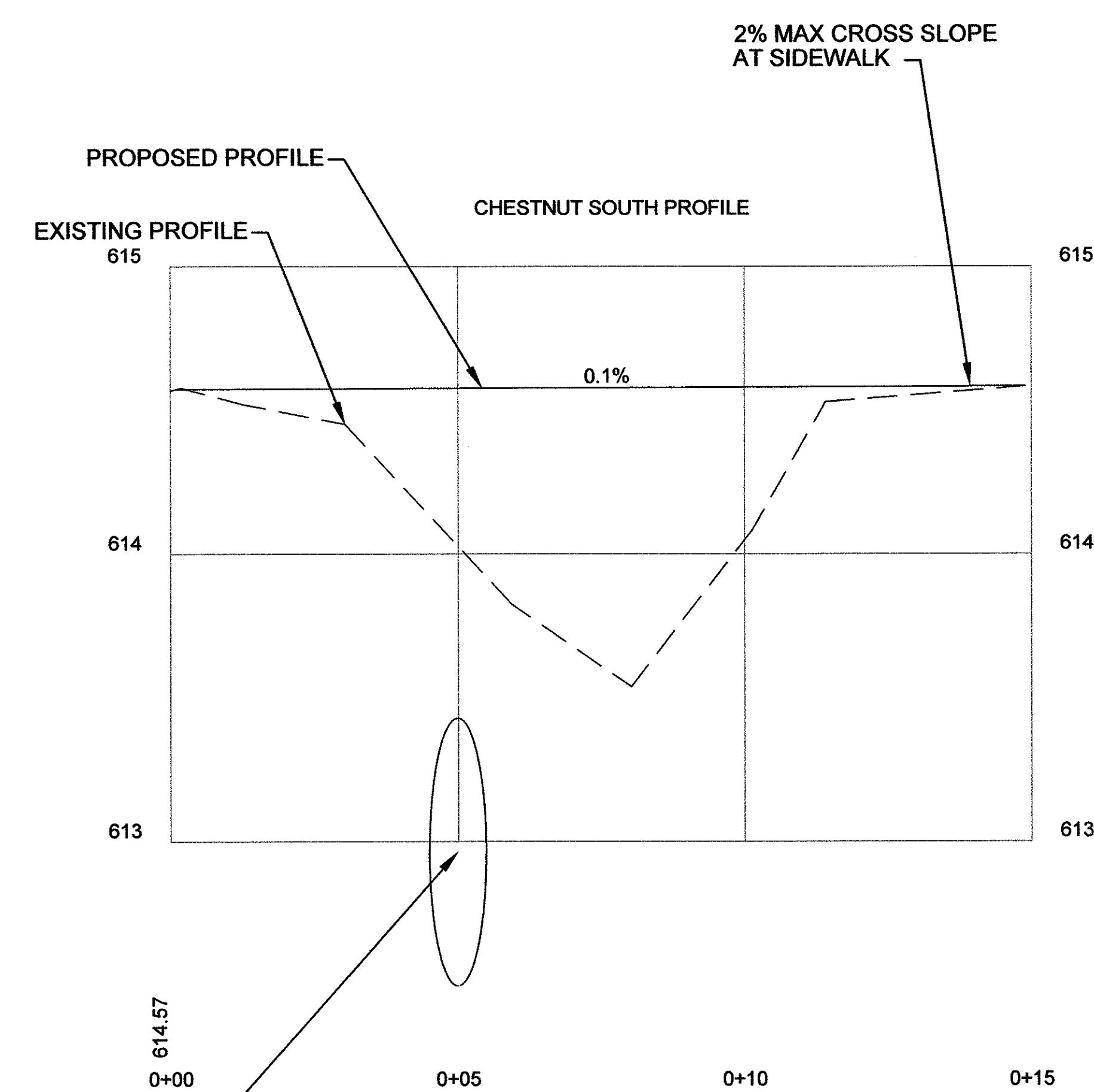
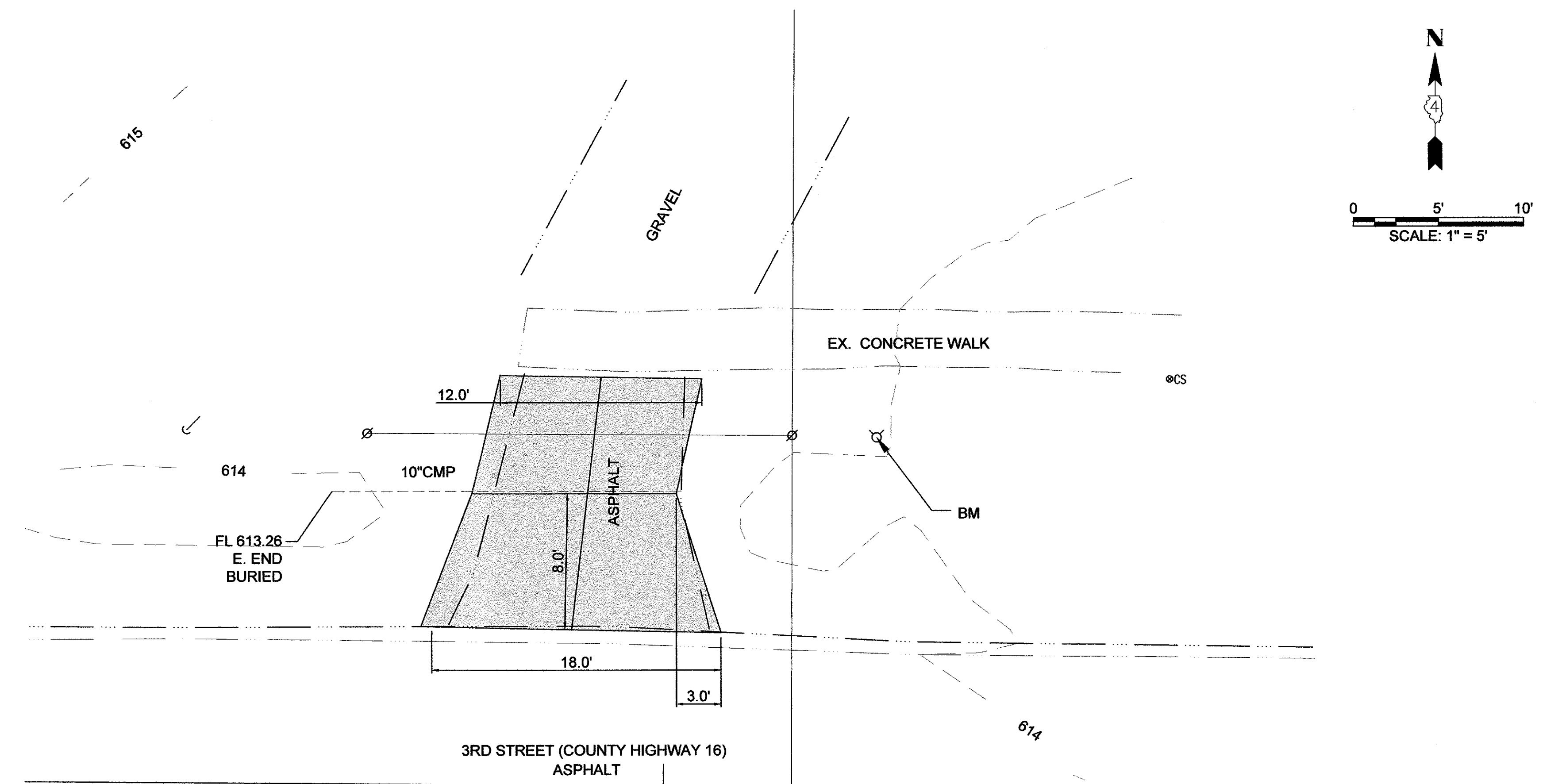
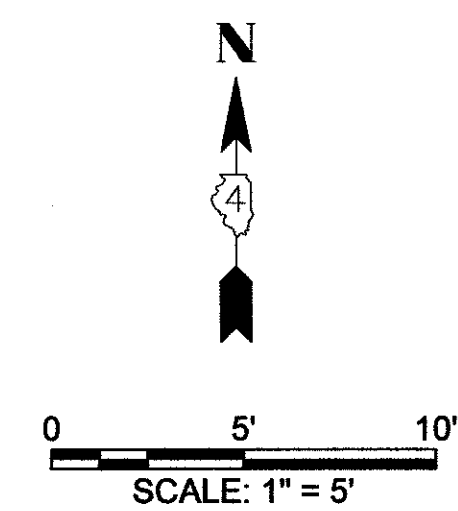
COUNTY - G-WAY '16
 PLAN AND PROFILE SHEET

SCALE: 1" = 100' SHEET NO. 7 OF 7 SHEETS STA. 660+00 TO STA. 681+00

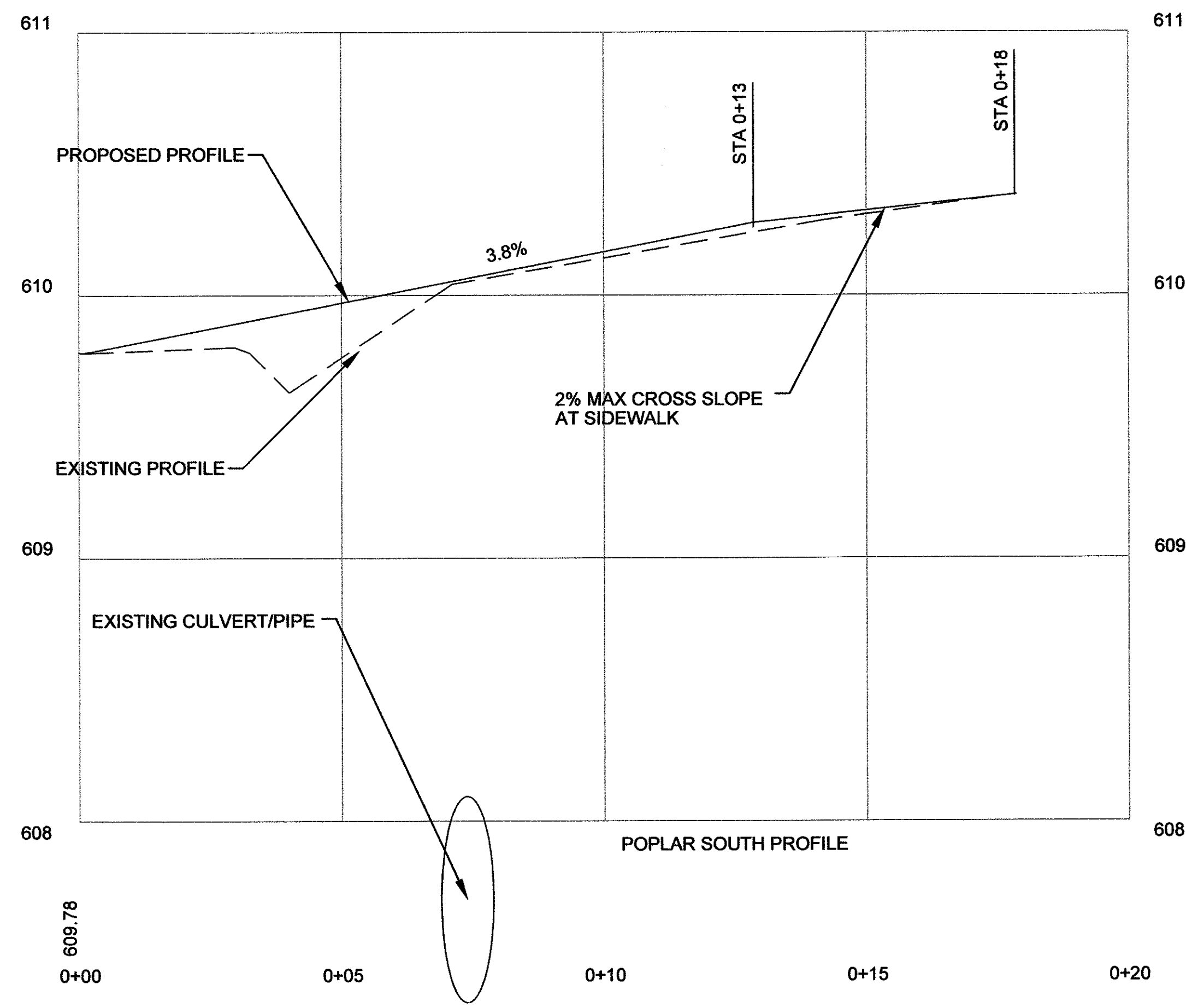
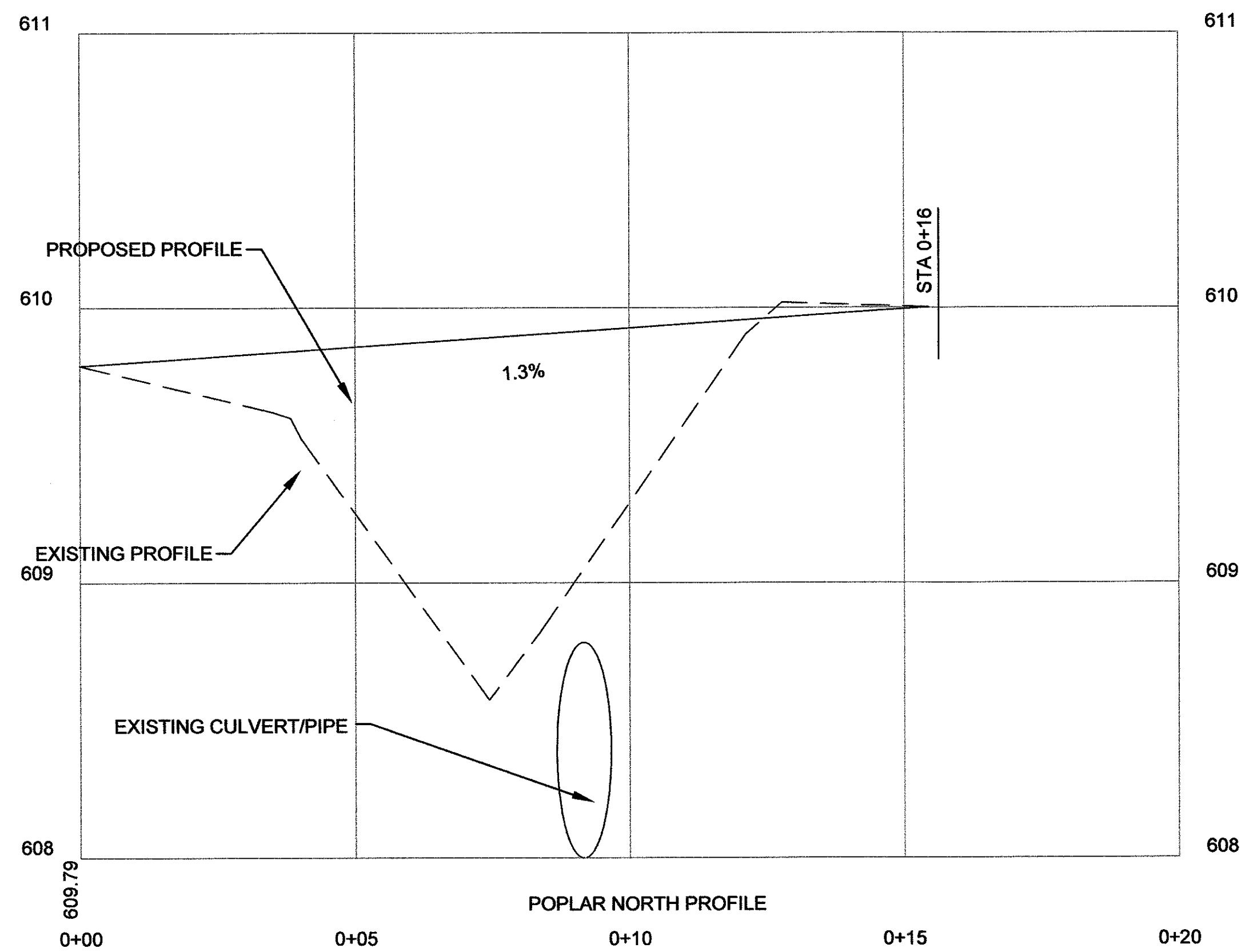
TR. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS, NO.
	16-00106-01-PV	MERCER	22 15
		CONTRACT	89724
		ILLINOIS	LOCAL PROJECT



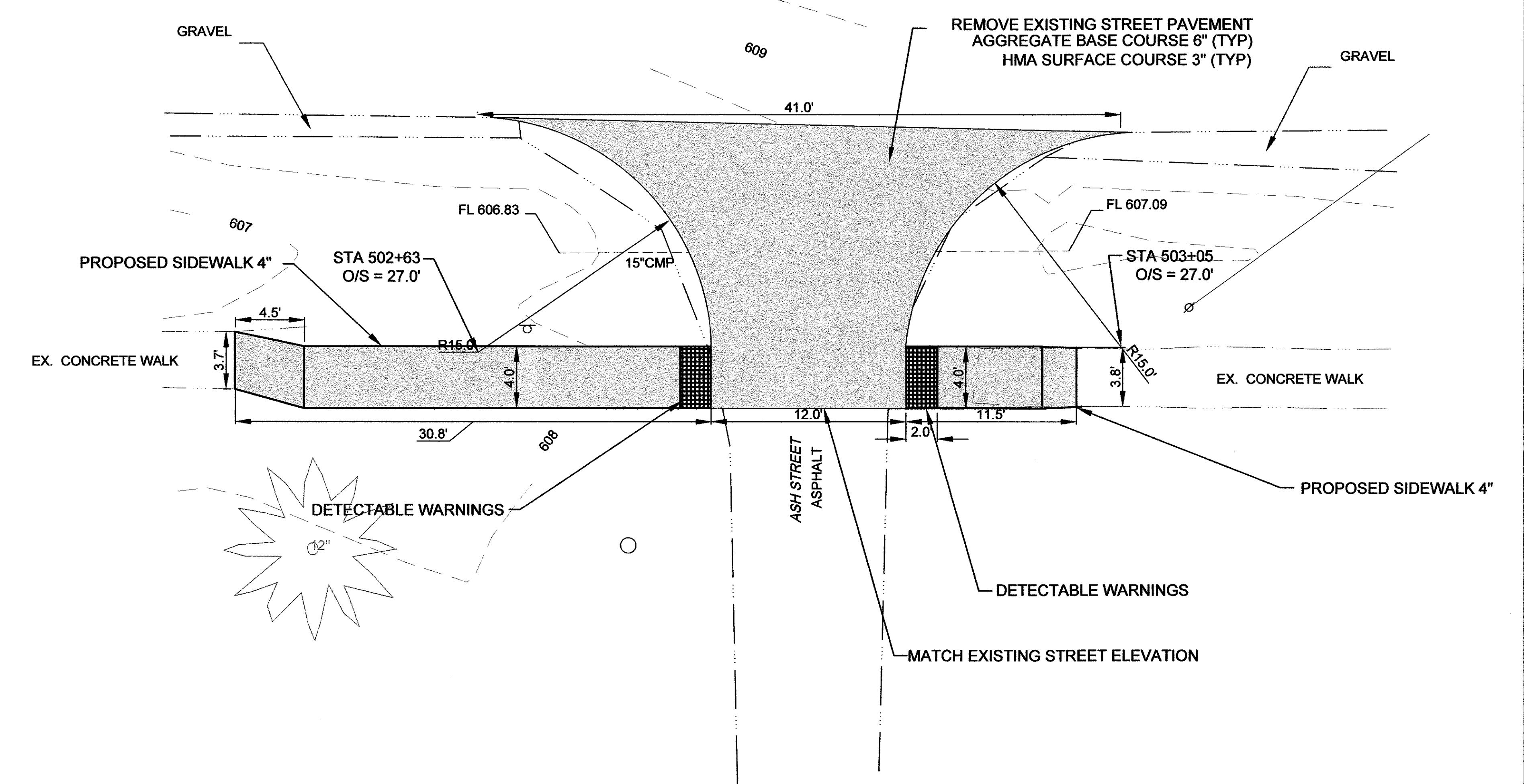
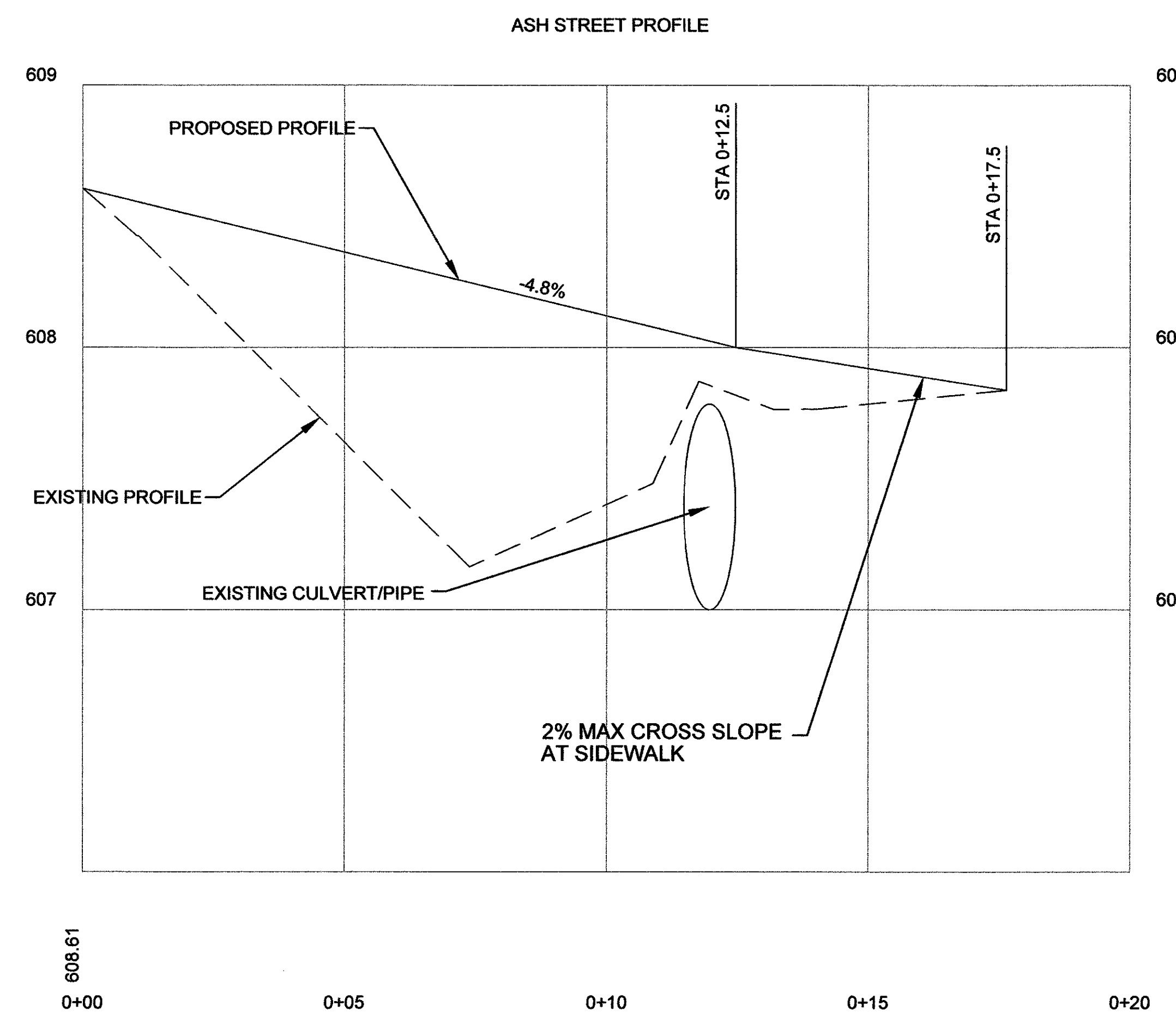
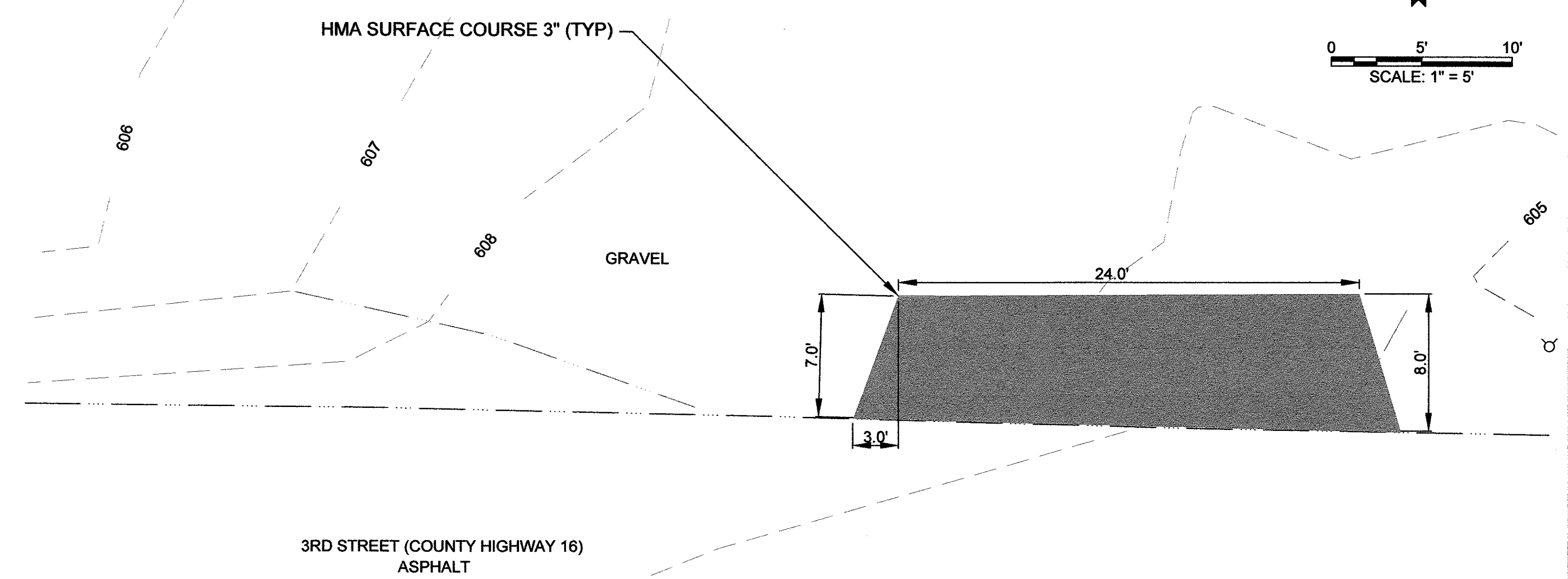
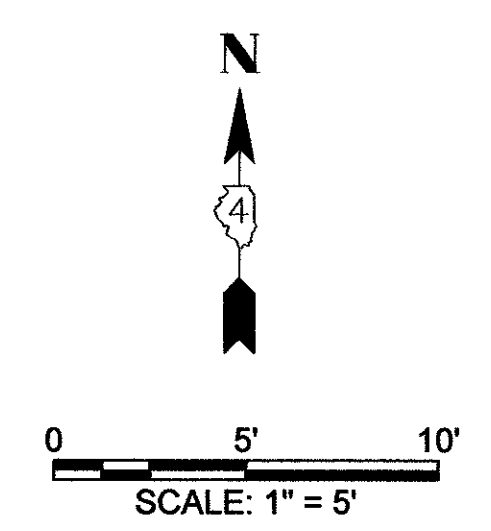
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		DRAWN — MCL	REVISED —		SCALE: 1" = 5'			16-00106-01-PV	MERCER	22	16	
		CHECKED — EBB	REVISED —		SHEET NO. 1 OF 6 SHEETS			CONTRACT 89724				
		DATE —	REVISED —		STA. WALNUT TO STA. WALNUT			ILLINOIS		LOCAL PROJECT		



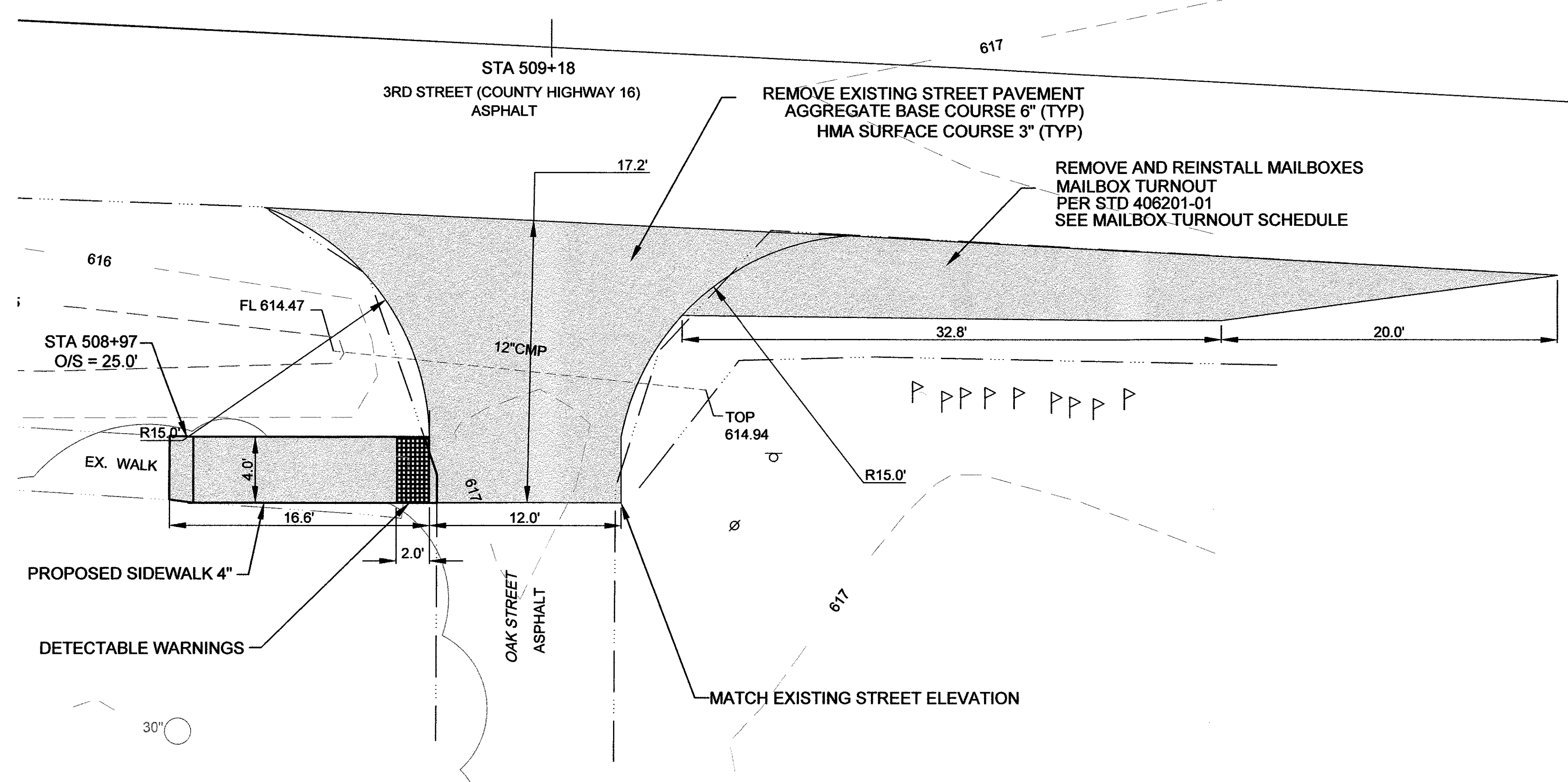
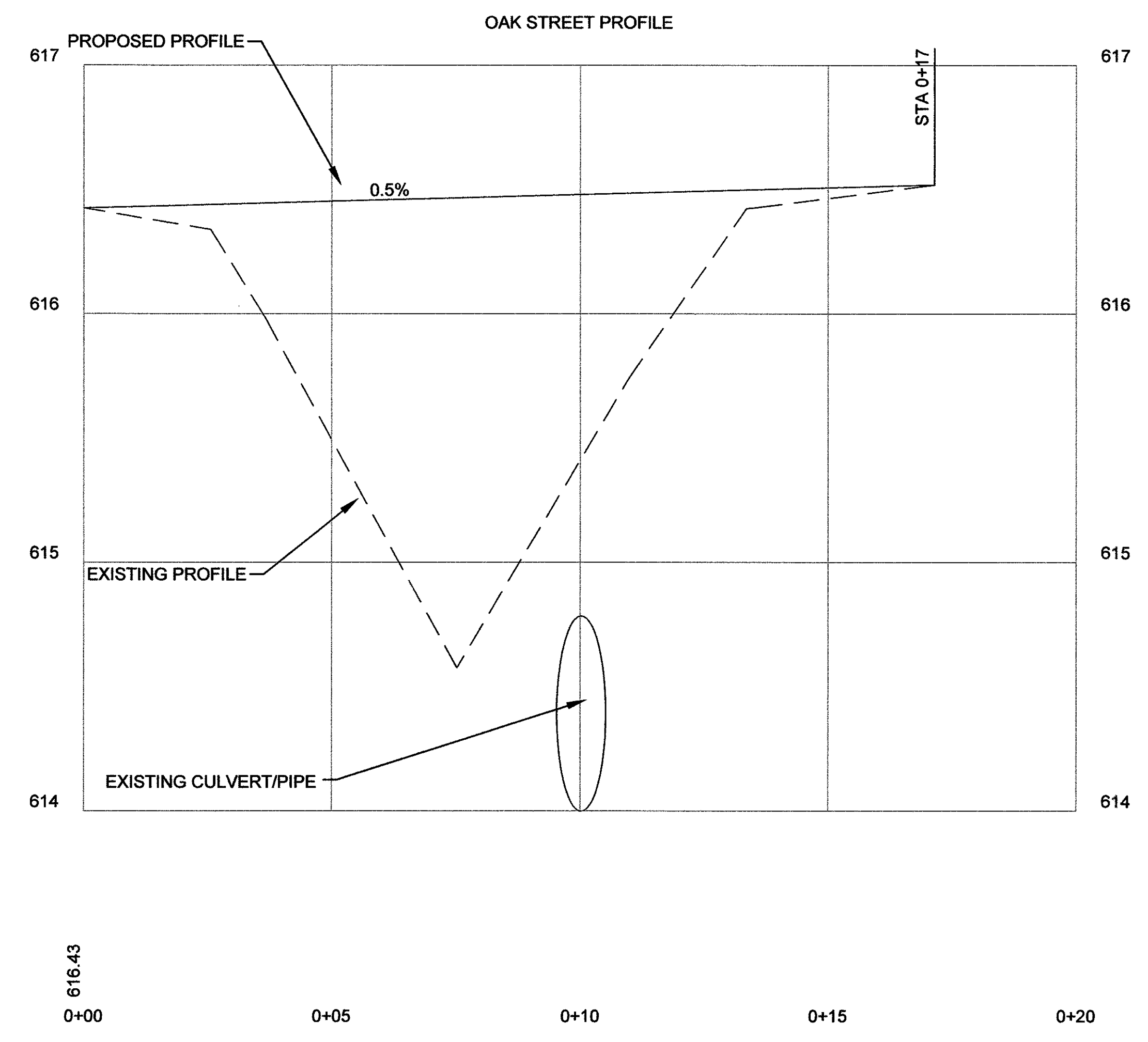
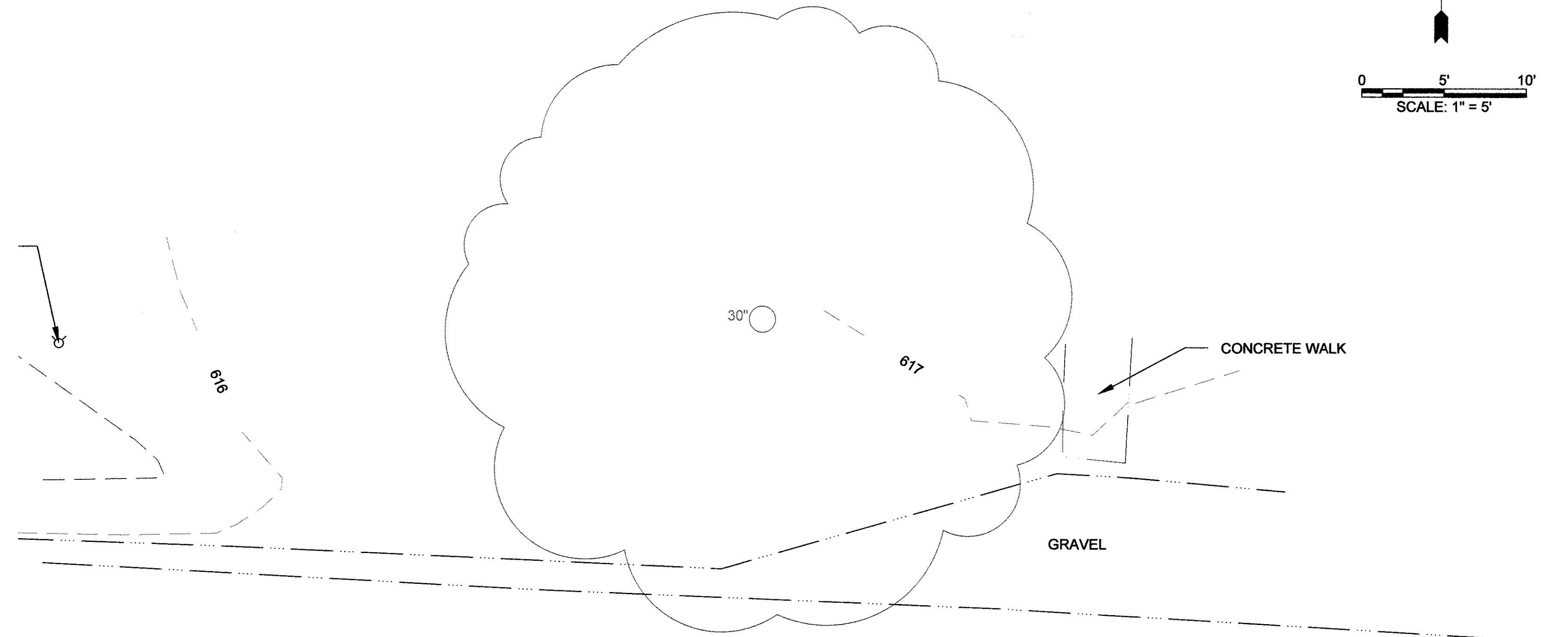
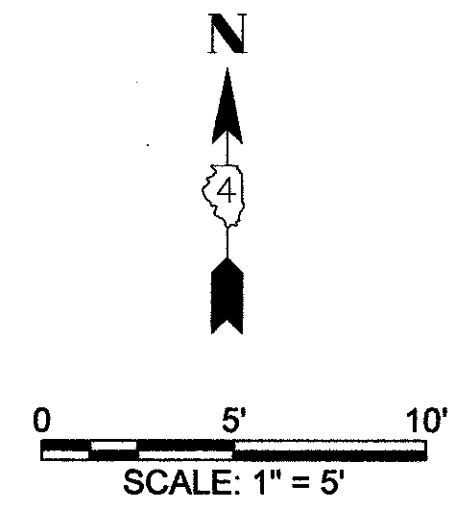
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		DRAWN — MCL	REVISED —		SCALE: 1" = 5'			16-00106-01-PV	MERCER	22	17
		CHECKED — EBB	REVISED —		SHEET NO. 2 OF 6 SHEETS					CONTRACT 89724	
		DATE —	REVISED —		STA. CHESTNUT TO STA. CHESTNUT				ILLINOIS	LOCAL PROJECT	



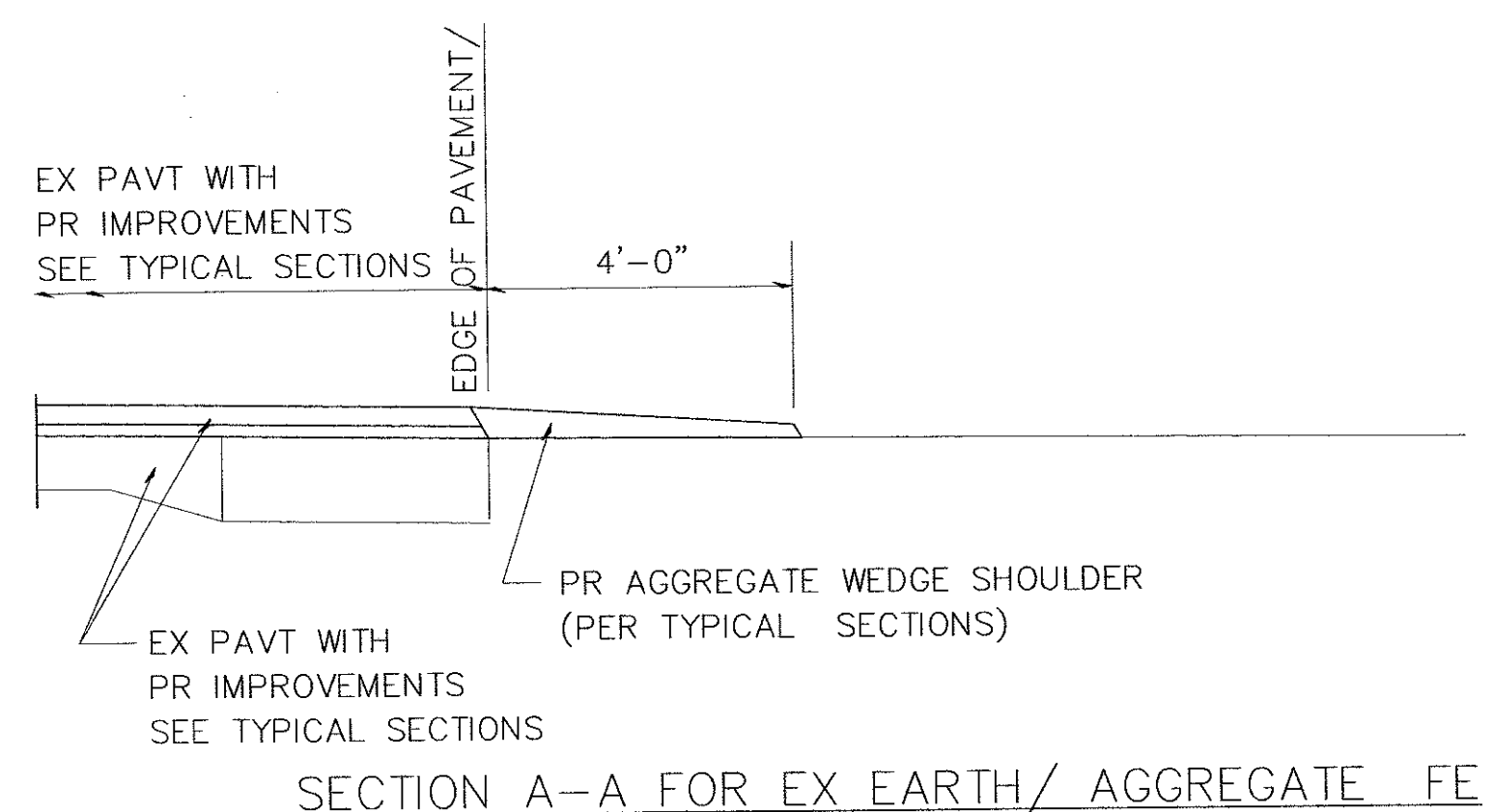
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		CHECKED -- EBB	REVISED --							22	19
		DATE --	REVISED --							CONTRACT 89724	
					SCALE: 1" = 5'	SHEET NO. 4 OF 6 SHEETS	STA. POPLAR TO STA. POPLAR	ILLINOIS		LOCAL PROJECT	



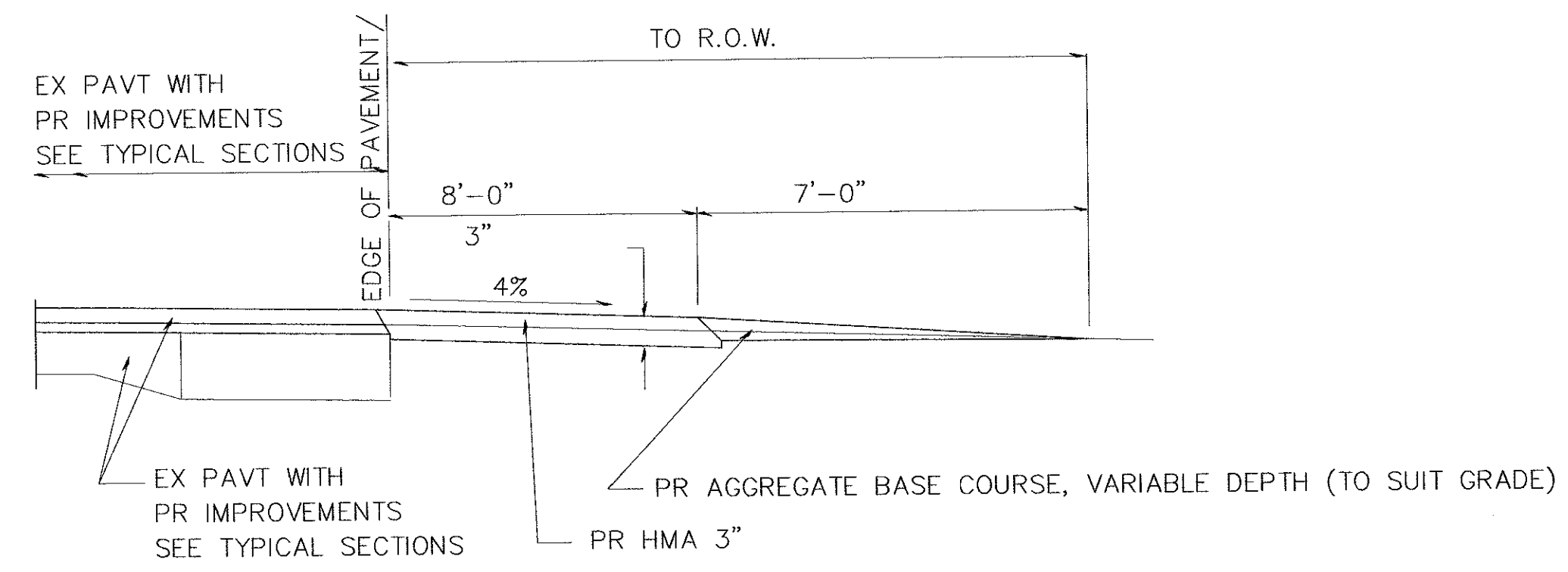
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		DRAWN - MCL	REVISED -		SCALE: 1" = 5"			16-00106-01-PV	MERCER	22	20	
		CHECKED - EBB	REVISED -		SHEET NO. 5 OF 6 SHEETS			CONTRACT 89724				
		DATE -	REVISED -		STA. ASH TO STA. ASH			ILLINOIS LOCAL PROJECT				



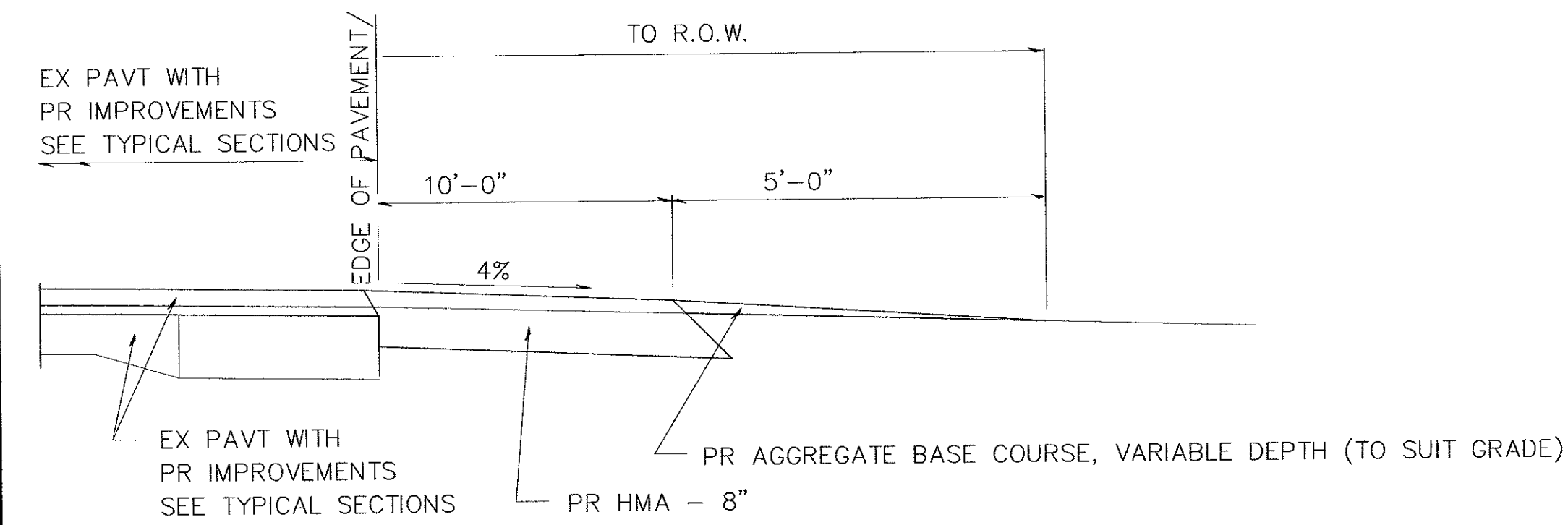
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		DRAWN - MCL	REVISED -		SCALE: 1" = 5' SHEET NO. 6 OF 6 SHEETS STA. OAK TO STA. OAK			16-00106-01-PV	MERCER	22	21	
		CHECKED - EBB	REVISED -					CONTRACT 89724				
		DATE -	REVISED -					ILLINOIS LOCAL PROJECT				



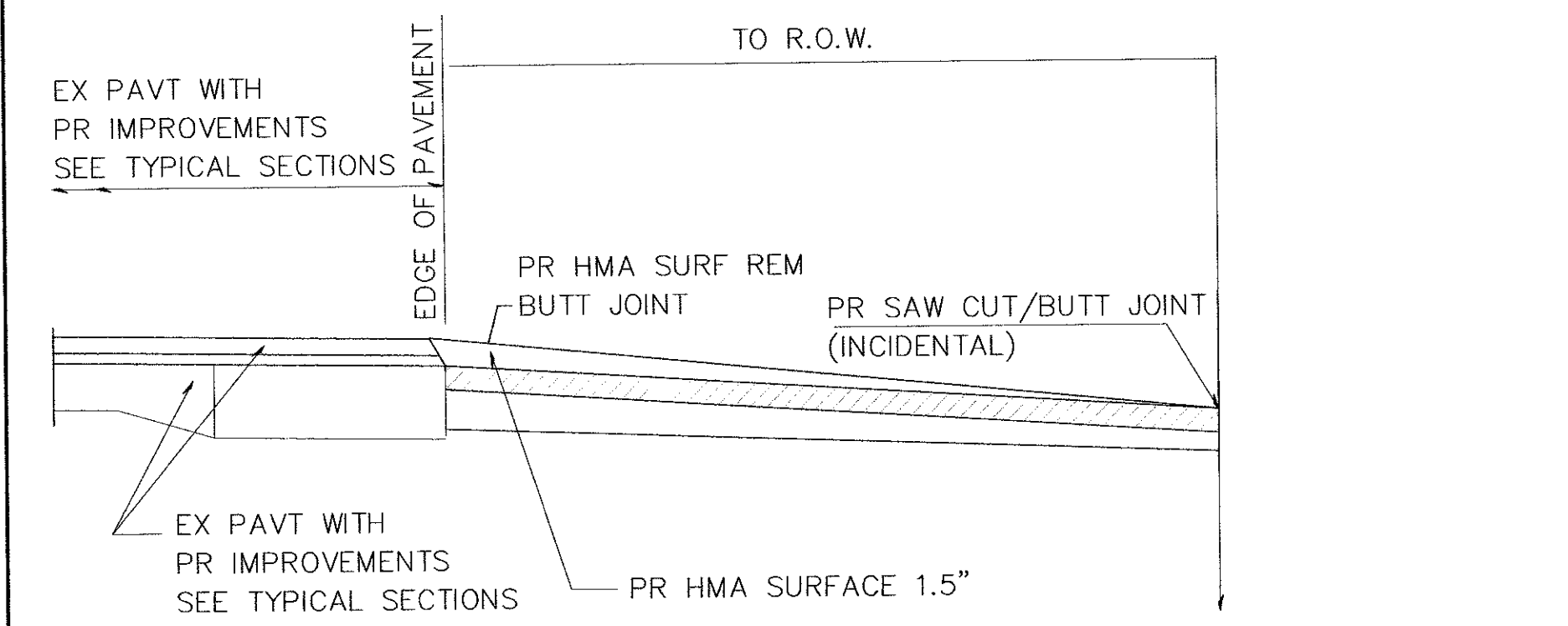
SECTION A-A FOR EX EARTH/ AGGREGATE FE



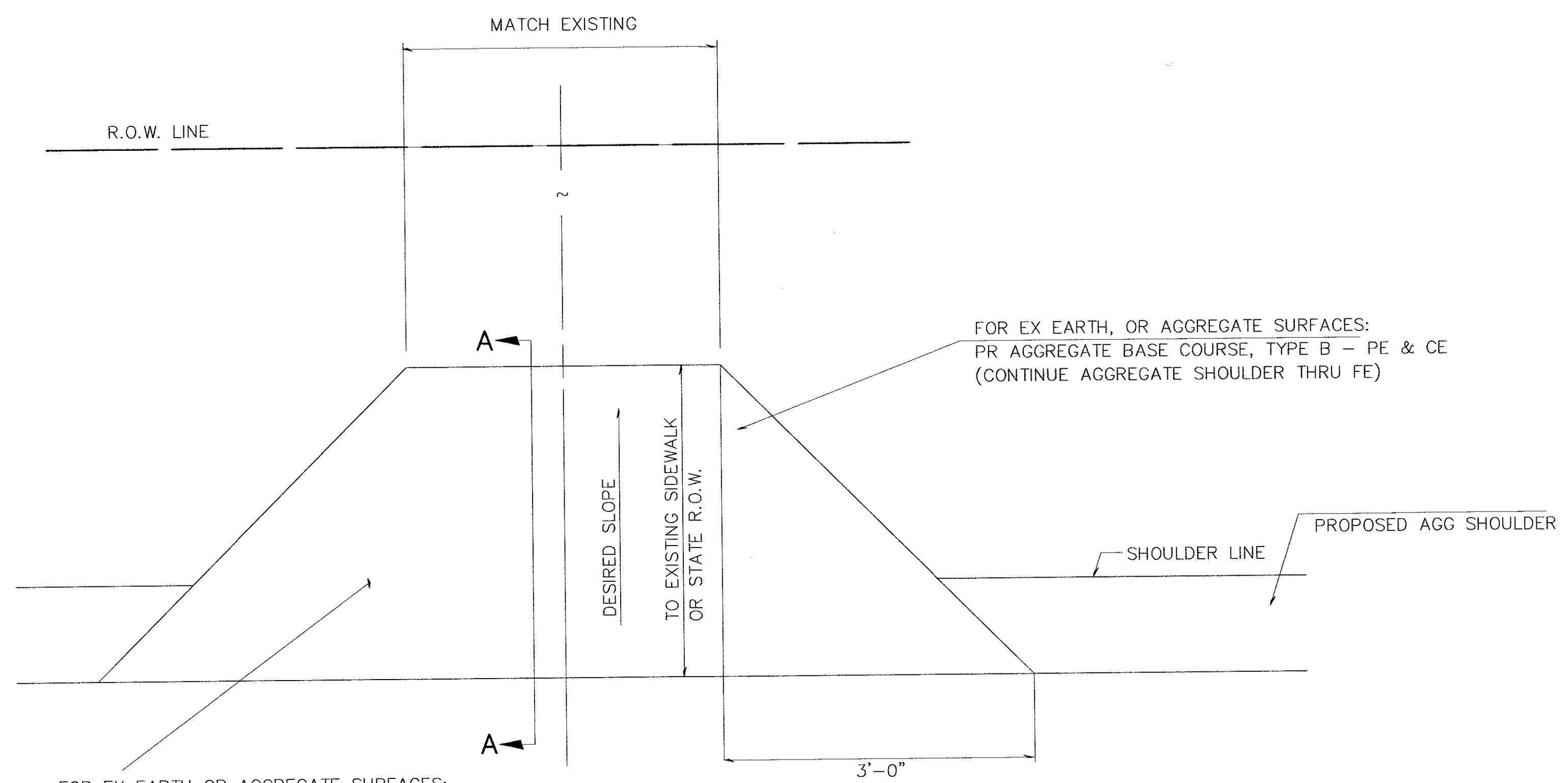
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX HMA/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR HMA CONCRETE 3" - PE
 PR HMA CONCRETE 8" - CE

FOR EX HMA CONCRETE SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT WITH HMA 1.5"

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

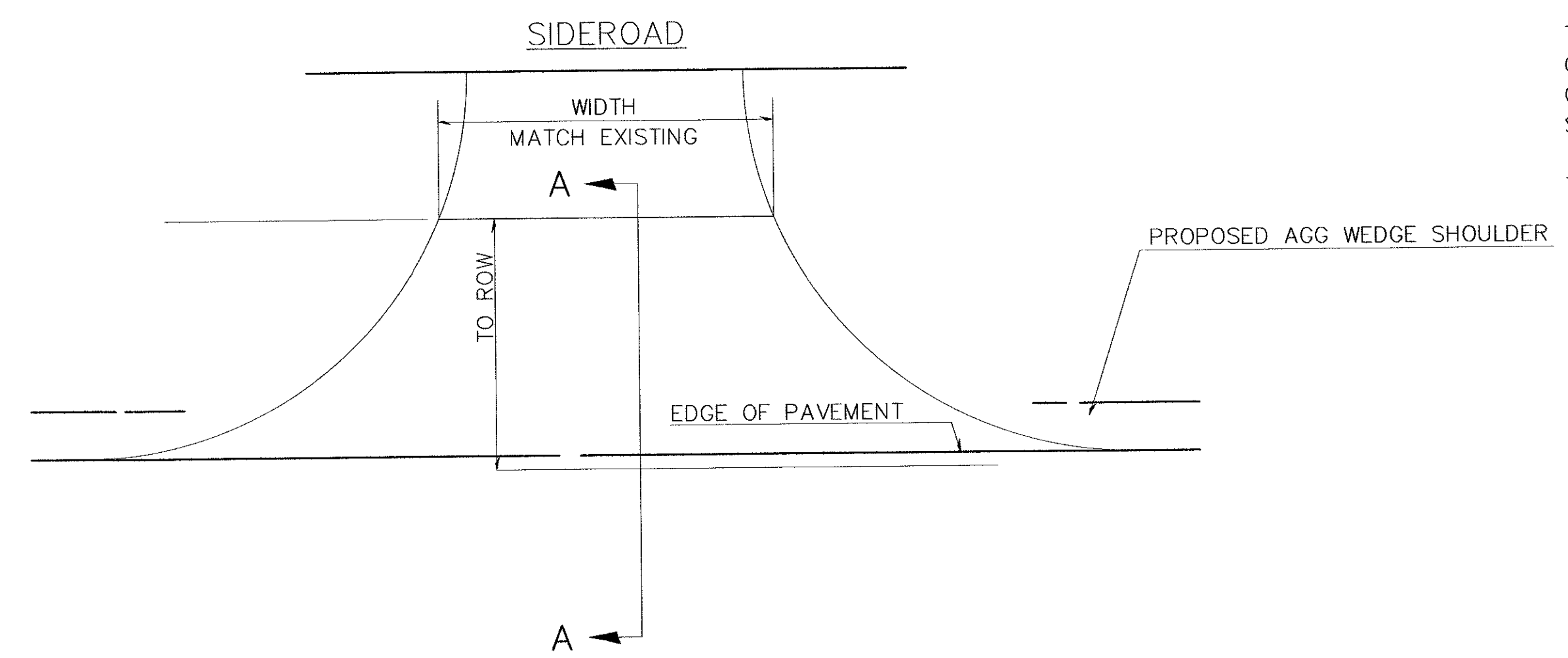
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES, PLACEMENT REQUIRES MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE.

THIS WORK IS PAID FOR AS HMA SURFACE COURSE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



FILE NAME =	USER NAME = MCL	DESIGNED - MCL	REVISED -	MERCER COUNTY	COUNTY HIGHWAY 16 MISCELLANEOUS DETAILS		TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - MCL	REVISED -					16-00106-01-PV	MERCER	22	22
		CHECKED - EBB	REVISED -								
		DATE -	REVISED -				SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS