

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SAFE ROUTES TO SCHOOL

**SECTION 24-00046-01-SW
JOB NO. C-98-069-25
PROJECT NO. 9PVS(886)
CITY OF GREENVILLE
BOND COUNTY, ILLINOIS
CONTRACT 97858**



THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE EMPLOYER REPRESENTS THAT THESE UTILITIES ARE TO BE CONFIRMED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MUST CONTACT J.U.L.I.E. 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

LENGTH OF PROJECT
KILLARNEY DRIVE = 915 FEET (0.17 MILES)
WALNUT DRIVE = 293 FEET (0.06 MILES)
CHESTNUT DRIVE = 534 FEET (0.10 MILES)

TOTAL = 1,742 FEET (0.33 MILES)

[illegible]

APPROVED George Barker 01/16/25
MAYOR, CITY OF GREENVILLE

PASSED Ruby 2/19/25
DISTRICT EIGHT ENGINEER OF
LOCAL ROADS & STREETS

Releasing For
Bid Based on
Limited Review Lora Remy no 2/19/25
REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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Design Firm #184-003108



TITLE SHEET	SAFE ROUTES TO SCHOOL 24-00046-01-SW GREENVILLE, ILLINOIS	
	SHEET # 1 OF 13	
JOB # 23212 BG8		

FINAL
JANUARY 2025

PLANS DATED: JANUARY 16TH, 2025

Lee R. Beckman

Lee R. Beckman
My License Expires 11-30-25

P.E. No. 52890

LEE R. BECKMAN
062-052890
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

ROUTE NO.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.		24-00046 01-SW	BOND	13	2
FED. ROAD DIST. NO. 8		ILLINOIS	CONTRACT #97858		

1

TITLE SHEET

2

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3

TYPICAL DETAIL SHEET

4

SUMMARY OF QUANTITIES

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7

TYPICAL SECTIONS

8

ALIGNMENT, CONTROL AND BENCHMARKS

9

DRIVEWAY SECTIONS

10-13

REMOVAL AND SIDEWALK PLANS, AND DETAILS

000001-08

Standard Symbols, Abbreviations, and Patterns

001001-02

Areas of Reinforcement Bars

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

424016-06

Mid-Block Curb Ramps for Sidewalks

424021-07

Depressed Corner for Sidewalks

424026-04

Entrance/Alley Pedestrian Crossings

606001-08

Concrete Curb Type B and Combination
Concrete Curb and Gutter

701001-02

Off-Road Operations, 2L, 2W, More Than 15'
(4.5 m) Away

701006-05

Off-Road Operations, 2L, 2W, 15' (4.5 m) to 24"
(600 mm) from Pavement Edge

701011-04

Off-Road Moving Operations, 2L, 2W, Day Only

701301-04

Lane Closure, 2L, 2W, Short Term 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

720011-01

Metal Posts for Signs, Markers & Delineators

728001-01

Telescoping Steel Sign Support

COMMITMENTS

1. Trees three inches or greater at breast height shall not be cleared from April 1 Through September 30 of any given year.

GENERAL NOTES

1. Pavement grades shown are at the top of pavement surfaces, unless otherwise noted in the plans.

2. Erosion control measures shall be in accordance with IDOT Specification. Placement shall be directed by the Engineer.

3. All elevations refer to U.S.G.S. mean sea level datum. - NAVD88

4. Any reference to a standard in the plans shall be interpreted to mean the edition as indicated by the sub-number listed on Sheet 2.

5. CURB AND GUTTER, WALKS, SLABS, AND PCC DRIVEWAY PAVEMENT

a. Concrete walks shall be in accordance with IDOT Std. Spec. Unless otherwise shown, locates sidewalk contraction joints at 5 ft on center and expansion joints at 50 ft on center, unless otherwise shown, locate contraction joints in larger slabs at 12 ft intervals in each direction.

b. Concrete walks crossing through entrances shall be constructed in accordance with the section views shown on sheet 9. Monolithically constructed sidewalks will not be allowed if greater than 2% cross slope.

c. Dowel bars shall be used when Portland Cement Concrete Driveways are placed adjacent to any existing concrete. The dowel bars shall be 2 ft in length and shall be placed on 2 ft centers. The dowel bars shall be included in the price of the Portland Cement Concrete Driveway of the type and depth specified.

6. The following rates of application or units were used for calculating plan quantities.

Aggregate Surface Course (Type B), Rock Fill, Aggregate Temporary Access - 2.05 Tons/Cu Yd.

7. All brick and landscaping removal shall be incidental to project.

8. Abbreviations:

Abbreviations are per IDOT's Coded Pay Item Listing found at: idot.illinois.gov (Search: IDOT Coded Pay Items)

Other Common Abbreviations:

BKCB - Back of Curb

BKSW - Back of Sidewalk

FCSW - Face of Sidewalk

EX - Existing

ME - Match Existing Grade

EOP - Edge of Pavement

FL - Flowline

PCC - Portland Concrete Cement

REM - Remove

REL - Relocate

●

○

OG&S

T

E

FL

1.00%

IRON PIN SET

IRON PIN FOUND

TREE (DECIDUOUS)

FIRE HYDRANT

WATER METER

VALVE (GAS OR WATER)

GAS METER

GAS MARKER

TELEPHONE PEDESTAL

POWER POLE

GUY ANCHOR

ELECTRIC PEDESTAL

SIGN

WOOD POST

SANITARY MANHOLE

SANITARY SEWER

STORM SEWER

EXISTING TELE-COMMUNICATIONS LINE

EXISTING FIBER OPTIC LINE

PROPOSED ELEVATION

PROPOSED ELEVATION AT FLOWLINE

EXISTING ELEVATION

MATCH EXISTING ELEVATION

MATCH EXISTING ELEVATION AT FLOWLINE

PROPOSED GRADE
(ARROW DIRECTION TO PATH OF WATER FLOW)

INDEX OF SHEETS, STANDARDS,
AND GENERAL NOTES

SAFE ROUTES TO SCHOOL
24-00046-01-SW
GREENVILLE, ILLINOIS

FIELD BOOK

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SAVE DATE

MILANO & GRUNLOH ENGINEERS, LLC

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Design Firm # 64-003108

SHEET #

2 OF 13

JOB #

23212 BGS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	24-00046 01-SW	BOND	13	4
FED. ROAD DIST. NO. 8		ILLINOIS	CONTRACT #97858	

SUMMARY OF QUANTITIES				
	ITEM No.	ITEM	UNIT	QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	41
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	63
	28000400	PERIMETER EROSION BARRIER	FOOT	1,920
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6 INCH	SQ YD	120
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9,067
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,141
	42400800	DETECTABLE WARNINGS	SQ FT	90
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	261
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	527
	44000600	SIDEWALK REMOVAL	SQ FT	156
*	56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	3
*	56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	4
	60609300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	413
	60609700	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 (VARIABLE FLAG GUTTER WIDTH)	FOOT	76
	67100100	MOBILIZATION	L SUM	1
*	78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	237
*	X1200036	SANITARY SERVICE CLEANOUT	EACH	1
	X2500900	SEEDING, CLASS 1, (SPECIAL)	ACRE	0.75
	X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	3
	X6020182	DRAINAGE STRUCTURE (SPECIAL)	EACH	7
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	2
	XX008958	EARTH EXCAVATION SOIL MANAGEMENT	L SUM	1

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES

SAFE ROUTES TO SCHOOL
24-00046-01-SW
GREENVILLE, ILLINOIS

SHEET #
4 OF 13

JOB #
23212 BG8

PAVEMENT REMOVAL				
STATION	OFFSET	SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL
		SQ FT	SQ YD	LF
109+48.32 - 109+57.67	21.05 - 33.82 LT			37
110+24.83 - 110+47.91	15.80 - 31.72 LT		26	33
111+00.29 - 111+34.93	14.13 - 28.31 LT		34	35
111+34.93 - 111+77.13	15.27 - 15.29 LT			40
111+74.90 - 111+81.31	20.19 - 30.20 LT			10
111+99.00 - 112+05.93	19.21 - 29.22 LT			10
112+53.35 - 112+74.33	14.54 - 22.43 LT		5	21
114+10.17 - 114+27.26	14.39 - 28.58 LT		4	17
114+86.08 - 115+13.82	14.31 - 29.58 LT		17	28
115+62.27 - 115+65.69	16.24 - 25.06 LT	29		
116+33.32 - 116+38.97	21.23 - 30.91 LT			17
116+54.12 - 116+93.52	14.13 - 35.53 LT			46
117+49.47 - 117+53.08	16.10 - 27.01 LT	41		
118+41.09 - 118+44.04	16.10 - 22.22 LT	18		
119+16.64 - 200+04.58	6.05 - 28.58 LT		45	38
200+04.05 - 200+20.14	6.89 - 14.36 LT			18
200+20.32 - 200+60.07	13.65 - 26.44 LT		32	41
312+91.18 - 312+96.12	16.12 - 29.66 LT	68		
313+47.52 - 313+67.12	14.41 - 28.57 LT		12	20
314+06.00 - 314+32.99	14.37 - 28.44 LT		23	27
314+50.38 - 314+77.18	14.28 - 28.37 LT		23	27
316+25.34 - 316+30.57	20.53 - 30.16 LT			11
316+60.74 - 316+65.69	20.39 - 30.16 LT			11
316+80.31 - 317+20.05	13.92 - 27.96 LT		40	40
TOTAL		156	261	527

DETECTABLE WARNINGS			
STATION (START)	STATION (FINISH)	OFFSET	DETECTABLE WARNINGS
			SQ FT
109+51.05	109+57.56	22.68 - 30.56 LT	18
111+73.14	111+75.12	22.18 - 28.19 LT	12
112+05.24	112+07.23	21.21 - 27.21 LT	12
116+32.60	116+34.60	22.79 - 27.79 LT	12
116+68.64	116+70.52	22.84 - 28.84 LT	12
316+24.67	316+26.67	22.03 - 28.03 LT	12
316+64.53	316+66.53	22.03 - 28.03 LT	12
TOTAL			90

TREE REMOVAL			
STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
		UNITS	UNITS
116+11.81	22.51 LT		27
200+81.79	22.31 LT		36
201+08.41	22.17 LT	12	
201+34.05	21.60 LT	15	
314+47.12	21.43 LT	14	
TOTAL		41	63

EROSION AND SEEDING		
STATION	SEEDING, CLASS 1 (SPECIAL)	PERIMETER EROSION BARRIER
	ACRE	FOOT
TOTAL	0.75	1920

UTILITY ADJUSTMENT							
STATION	OFFSET	DOMESTIC METER VAULTS TO BE ADJUSTED	SANITARY SERVICE CLEANOUT	DRAINAGE STRUCTURE (SPECIAL)	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	FIRE HYDRANT AND VALVE TO BE MOVED	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE
		EACH	EACH	EACH	EACH	EACH	EACH
109+55.76	31.46 LT				1		
110+88.56	19.33 LT			1			
112+06.66	22.56 LT					1	
112+47.91	21.45 LT	1					
116+77.96	28.51 LT					1	
117+33.72	19.09 LT			1			
117+71.03	19.08 LT			1			
118+08.02	19.14 LT			1			
118+31.63	19.19 LT			1			
118+79.22	18.63 LT			1			
200+74.55	21.63 LT	1					
201+64.28	20.96 LT	1					
314+02.15	19.67 LT	1					
314+78.04	19.93 LT						1
315+26.45	17.69 LT						1
315+43.00	20.29 LT		1				
316+22.07	25.14 LT					1	
317+18.82	19.13 LT			1			
317+22.99	17.95 LT				1		
317+88.21	22.34 LT				1		
TOTAL		4	1	7	3	3	2

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	24-00046 01-SW	BOND	13	5
FED. ROAD DIST. NO. 8		ILLINOIS	CONTRACT #97958	

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DATE

BY

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SCHEDULE OF QUANTITIES

SAFE ROUTES TO SCHOOL
24-0046-01-SW
GREENVILLE, ILLINOIS

SHEET #

5 OF 13

JOB #

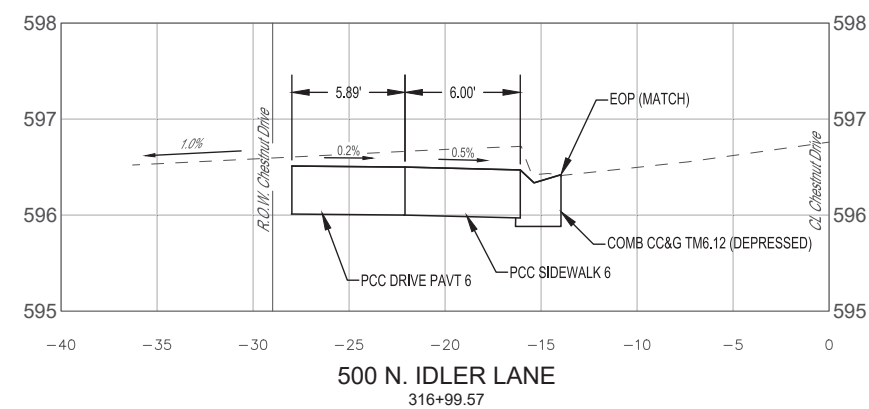
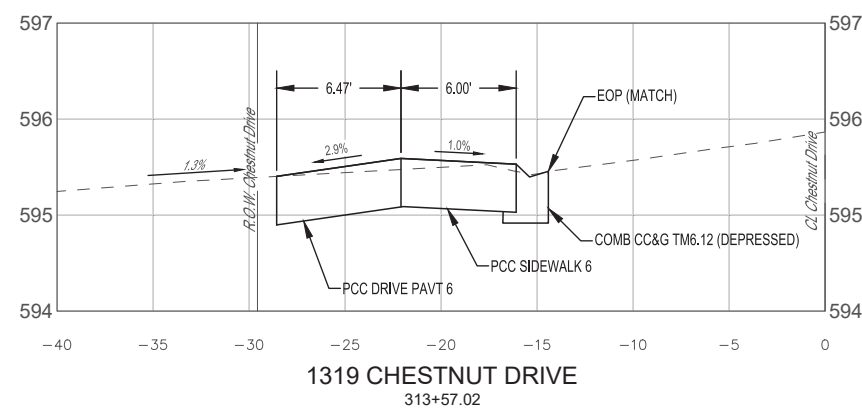
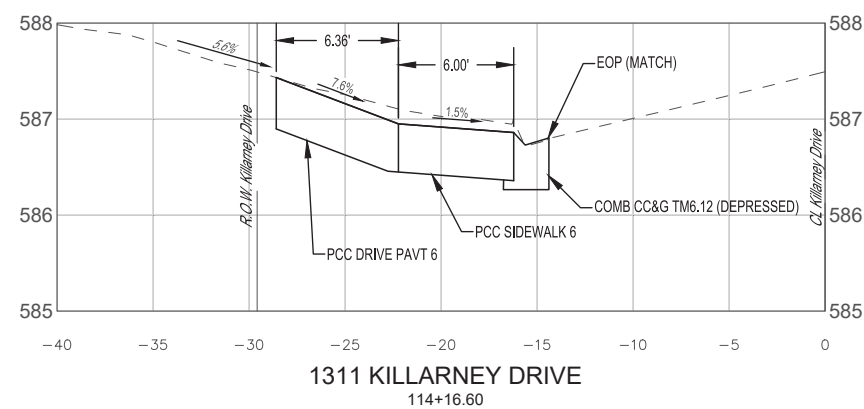
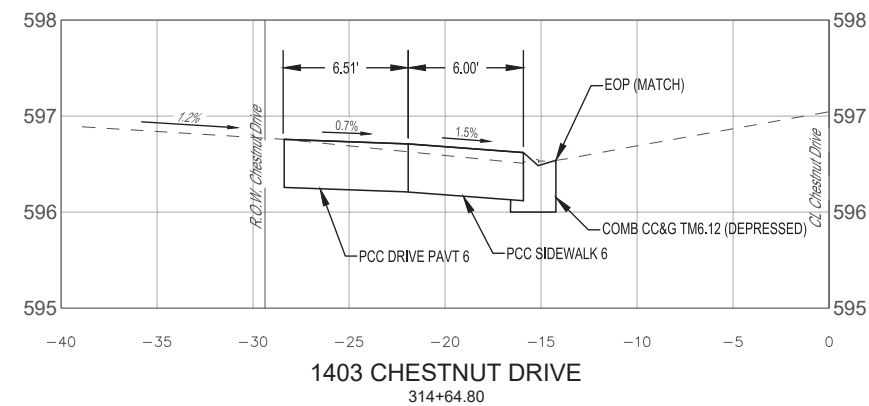
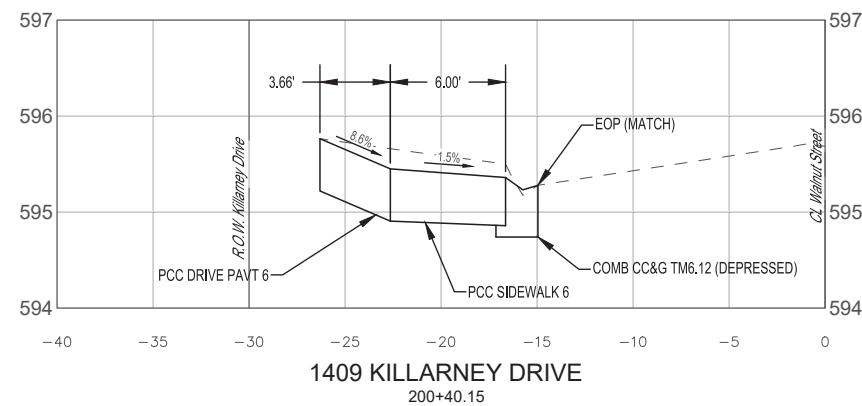
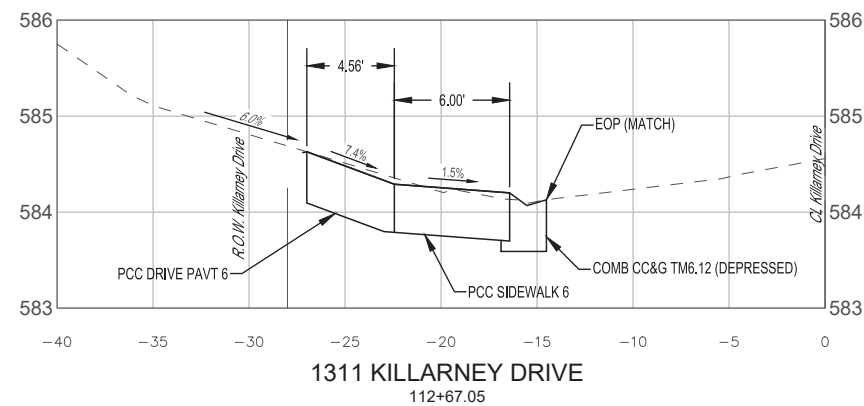
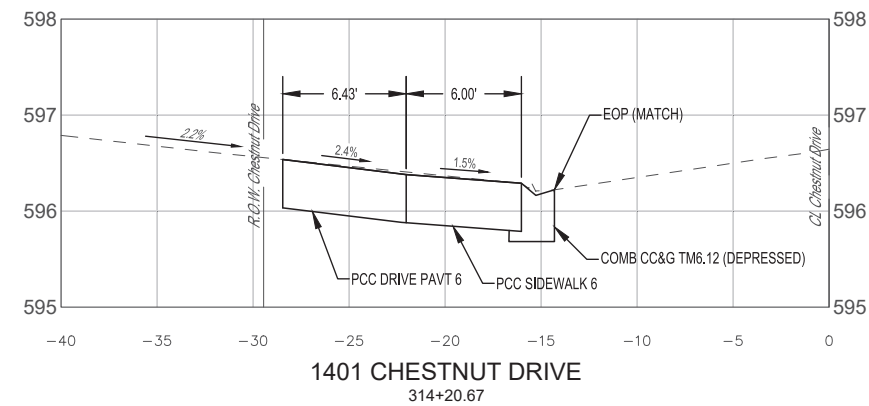
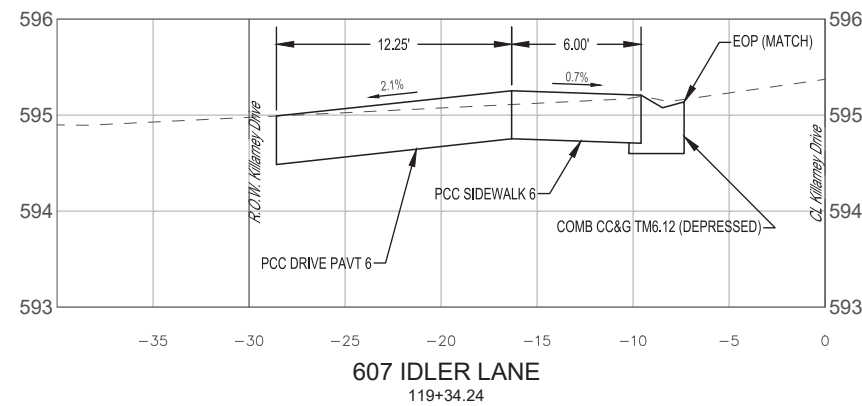
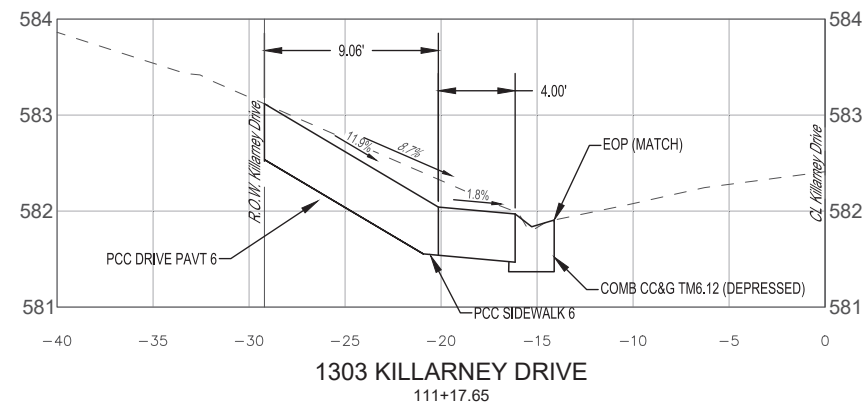
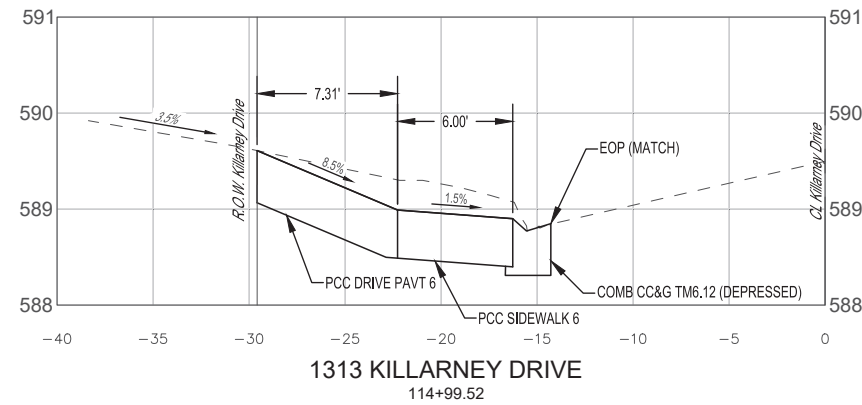
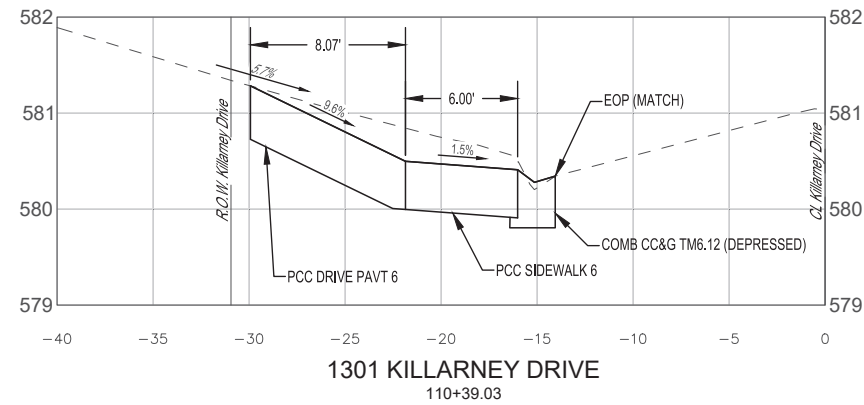
23212 BG8

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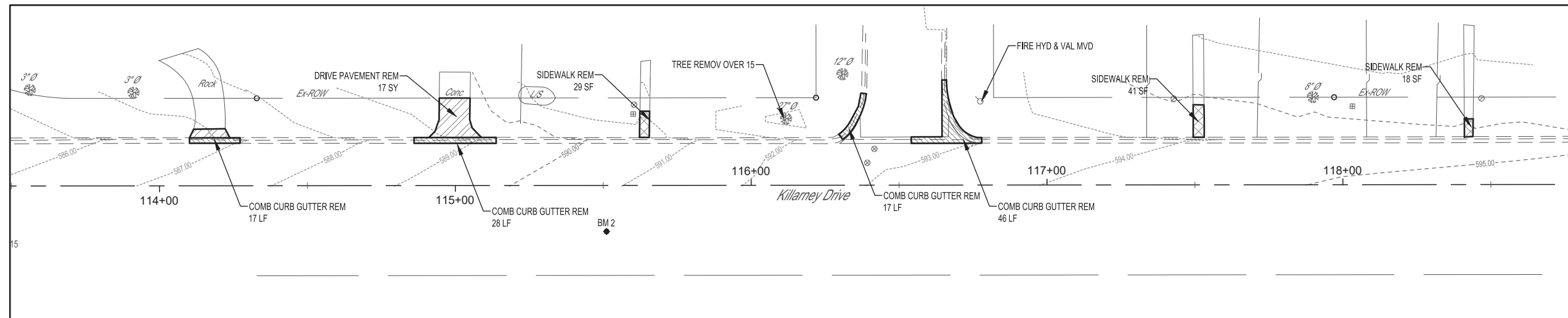
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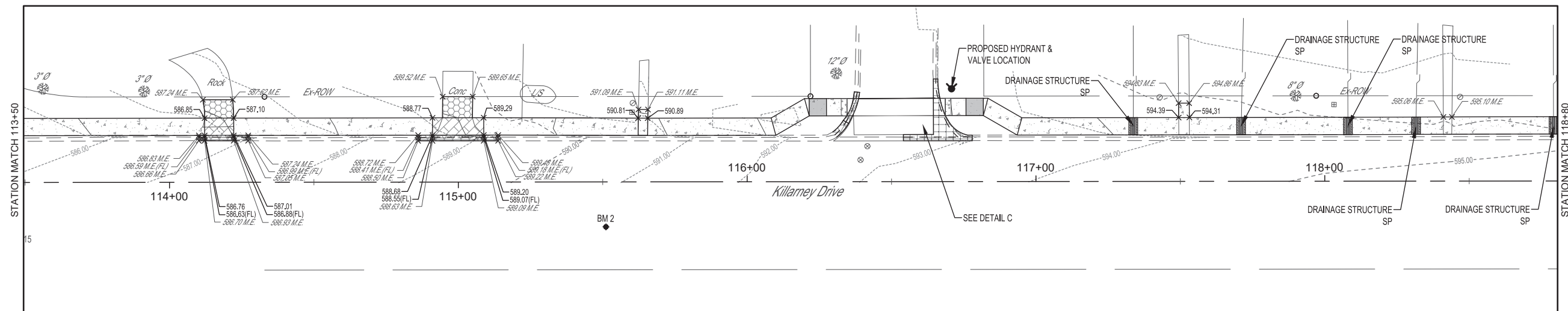


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	24-00046 01-SW	BOND	13	11
FED. ROAD DIST. NO. 8		ILLINOIS	CONTRACT #97858	

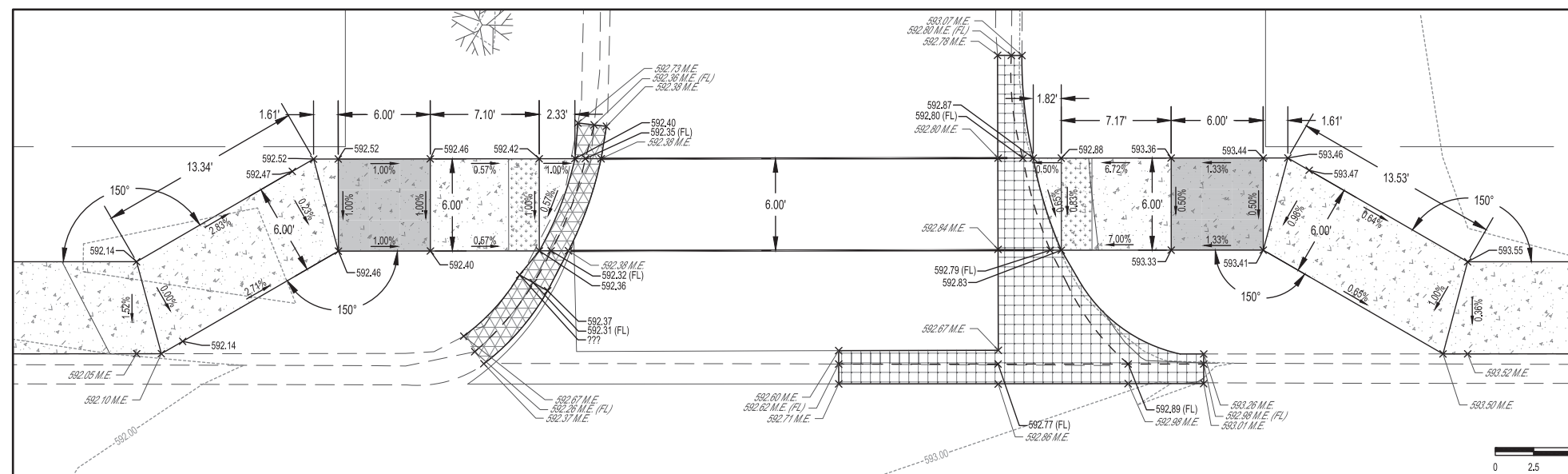
REMOVAL PLAN



SIDEWALK PLAN



DETAIL C



LEGEND

- | | |
|---|-----------------------|
|  | PC CONC SIDEWALK 4 |
|  | PC CONC SIDEWALK 6 |
|  | PCC DRIVEWAY PAVT 6 |
|  | COMB CC&G TM6.12 AEP |
|  | COMB CC&G TM6.12 VWGF |
|  | DETECTABLE WARNING |
|  | SIDEWALK REM |
|  | DRIVE PAVEMENT REM |
|  | COMB CURB GUTTER REM |
|  | LANDING/TURNING SPACE |
|  | PAINT PVT MK LINE 6 |

