

04-24-2020 LETTING ITEM 190

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	1
		ILLINOIS	CONTRACT NO. 97678	

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS, HIGHWAY STANDARDS
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**TRAFFIC DATA**

PEARL STREET  
ADT = 3,900 (2012)  
ADT = 4,059 (2020)  
ADT = 4,485 (2040)

**FUNCTIONAL CLASSIFICATION**  
MAJOR COLLECTOR

**PROPOSED  
HIGHWAY PLANS**

FAU ROUTE 8953 (PEARL STREET)  
SECTION 16-00032-00-RS  
PROJECT TE68(707)  
PAVEMENT RESURFACING  
AND SIDEWALK ADDITION  
VILLAGE OF GODFREY  
MADISON COUNTY

C-98-320-16



PLANS PREPARED BY:



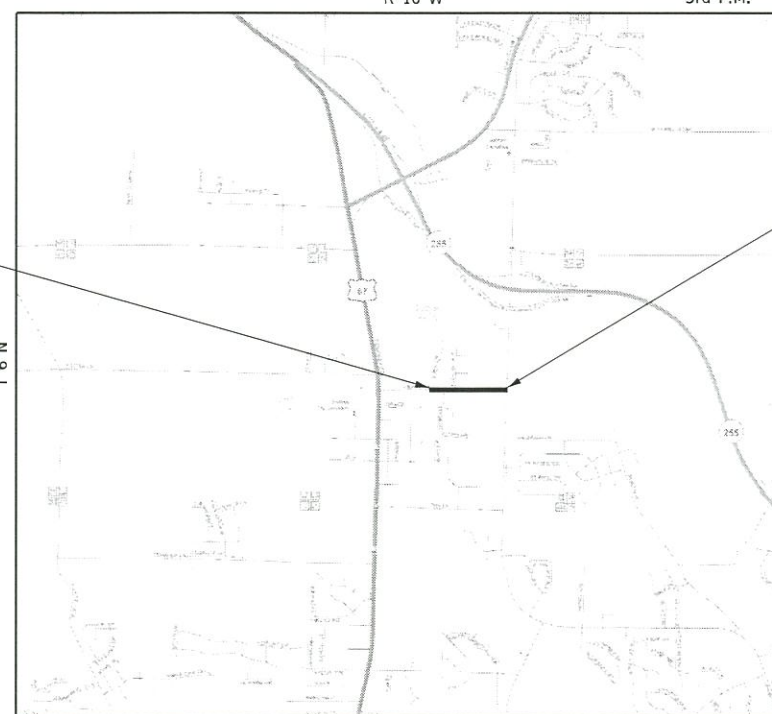
AGENCY RESPONSIBLE FOR LETTING

Approved: *[Signature]*  
2/21/2020  
VILLAGE OF GODFREY, MAYOR

Passed: *[Signature]*  
February 24, 2020  
District 8 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *[Signature]*  
February 24, 2020  
Regional Engineer

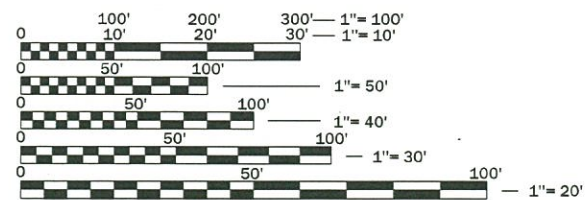
PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



LOCATION MAP

NET LENGTH = 1,523 FT. = 0.288 MILE  
GROSS LENGTH = 1,523 FT. = 0.288 MILE

SIGNED: *[Signature]*  
ILLINOIS PROFESSIONAL ENGINEER NO. 062-066614  
LICENSE EXPIRES: 11/30/2021



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

CONTRACT NO. 97678

FILE NAME: S:\Projects\2017 Projects\0335-001 Godfrey Pearl St Design\CADD Sheets\08-sht-Cover.dgn

**GENERAL NOTES**

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

THE CONTRACTOR SHALL DEVELOP A PLAN TO ACCOMPLISH THIS WORK AND MINIMIZE DISRUPTION OF ACCESS. THIS PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

THE CONTRACTOR SHALL PROTECT ALL TREES FROM DAMAGE DUE TO HIS OPERATIONS.

BENCHMARKS FOR THE PROJECT ARE DESCRIBED IN THE PLANS AND ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL BEARINGS AND COORDINATES REFERENCED IN THE PLAN DRAWINGS AND ALL CONTROL COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS.

THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER. NO EXTRA COMPENSATION SHALL BE ALLOWED TO THE CONTRACTOR FOR THIS WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE ITEMS.

ALL UTILITIES, SCHOOL DISTRICTS, POST OFFICE, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 7 DAYS PRIOR TO THE START OF CONSTRUCTION.

WORK SHALL BE PERFORMED SO THAT ALL DRIVEWAYS SHALL BE ACCESSIBLE OR THAT THE CONTRACTOR PROVIDES RESIDENTS WITH PARKING ACCESS. THIS WORK THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS.

THE CONTRACTOR SHALL PLACE TEMPORARY SIGNING, ROUGH ROAD (W8-8) AND BUMP (W8-1) AT THE START AND END OF THE PROJECT DURING THE MILL AND OVERLAY PHASE.

**HIGHWAY STANDARDS**

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS
424006-04	DIAGONAL CURB RAMPS
424011-04	CORNER PARALLEL CURB RAMPS
424026-03	ENTRANCE ALLEY PEDESTRIAN CROSSING
424031-02	MEDIAN PEDESTRIAN CROSSING
442201-03	CLASS C & D PATCHES
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2 L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS LESS THAN 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS

**MIXTURE REQUIREMENT TABLE**

LOCATION	PEARL STREET	
	SURFACE	INCIDENTAL
MIXTURE USE	PG 70 - 22	PG 64 - 22
AC / PG	PG 70 - 22	PG 64 - 22
DESIGN AIR VOIDS	4.0% @ N=70	4.0% @ N=50
MIXTURE COMPOSITION (GRAD. MIXURE)	IL-9.5	IL-9.5
FRICTION AGG.	MIX D	MIX C
RAP % (MAX.)	*	*

• SEE SPECIAL PROVISIONS

**COMMITMENTS**

NONE

**UTILITIES**

AT&T  
CITY OF BRIGHTON  
CONSOLIDATED COMMUNICATIONS  
AMEREN IP SOUTH GAS  
AMEREN IP SOUTH ELECTRIC  
VILLAGE OF GODFREY  
ILLINOIS AMERICAN WATER  
LEVEL 3 COMMUNICATIONS  
SPRINT  
CHARTER COMMUNICATIONS  
ZAYO/FNA 360 NETWORKS

**PUBLIC SERVICES**

SCHOOL DISTRICT	ALTON SCHOOL DISTRICT 550 LANDMARKS BLVD SUITE A ALTON, IL 62002 618.474.2600
POST OFFICE	UNITED STATES POSTAL SERVICE 400 TOLLE LANE GODFREY, IL 62035 618.466.3121
POLICE DEPARTMENT	MADISON COUNTY SHERIFF 405 RANDLE STREET EDWARDSVILLE, IL 62025 618.692.4433
FIRE DEPARTMENT	GODFREY FIRE PROTECTION DISTRICT 6011 GODFREY ROAD GODFREY, IL 62035 618.466.0131

FILE NAME: S:\Projects\2017 Projects\417-0035-0HY Godfrey Pearl St Design\CADD Sheets\08-ht-gennoto.dgn



USER NAME = tgoetz	DESIGNED TMG	REVISED -
MODEL NAME = Gen-01	DRAWN CJW	REVISED -
PLOT SCALE = 0.0833' / in.	CHECKED TMG	REVISED -
PLOT DATE = 3/12/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, COMMITMENTS, HIGHWAY STANDARDS  
PEARL STREET**

SCALE: SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	2
CONTRACT NO. 97678				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				MADISON	
				URBAN	
				RESURFACING ROADWAY 0005	HUMBERT ROADWAY 0004
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	128	128	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	167	167	0
20101200	TREE ROOT PRUNING	EACH	5	5	0
20101700	SUPPLEMENTAL WATERING	UNIT	3.5	3.5	0.0
20200100	EARTH EXCAVATION	CU YD	440	440	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	23	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23	0
25000210	SEEDING, CLASS 2A	ACRE	0.23	0.23	0.00
28000510	INLET FILTERS	EACH	3	3	0
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SO YD	698	183	515
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SO YD	39	39	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,521.0	1,521.0	0
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	385	385	0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	27.2	27.2	0.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20.3	20.3	0.0

• =SPECIALTY ITEM

FILE NAME: S:\Projects\2017 Projects\417-0035-DHY Godfrey Pearl St\Design\CADD Sheets\06-sht-quantities.dgn



USER NAME = lgoeltz	DESIGNED -	REVISED -
MODEL NAME = QJAN-01	DRAWN -	REVISED -
PLOT SCALE = 42.6667' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
PEARL STREET

SCALE: NTS SHEET 1 OF 4 SHEETS

FAU. RTE. 8953	SECTION 16-00032-00-RS	COUNTY MADISON	TOTAL SHEETS 26	SHEET NO. 3
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\Projects\2017 Projects\417-0035-BNY (Geofrey Pearl) S1\Design\4600 Sheets\05-ht-quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				MADISON URBAN	
				RESURFACING ROADWAY	HUMBERT ROADWAY
				0005	0004
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	109	0	109
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	128	128	0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7,391.0	7,341.0	50.0
42400800	DETECTABLE WARNINGS	SQ FT	75	47	28
44000690	HOT-MIX ASPHALT SURFACE CORRECTION	SQ YD	3,381	3,381	0
44000100	PAVEMENT REMOVAL	SQ YD	11	0	11
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	235	235	0
44000400	GUTTER REMOVAL	FOOT	193	193	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	300	97	203
44200061	PAVEMENT PATCHING, TYPE I, 6 INCH	SQ YD	335	335	0
44200071	PAVEMENT PATCHING, TYPE IV, 6 INCH	SQ YD	50	50	0
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	404.0	404.0	0.0
* 50901760	PIPE HANDRAIL	FOOT	6	6	0
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	542.0	542.0	0.0
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1	0
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	3	3	0

\* = SPECIALTY ITEM



USER NAME = lgoetz  
 MODEL NAME = QUAN-02  
 PLOT SCALE = 42.6667' / in.  
 PLOT DATE = 3/12/2020

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 PEARL STREET

SCALE: NTS SHEET 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	4
CONTRACT NO. 97678			ILLINOIS FED. AID PROJECT	



FILE NAME: S:\Projects\2017 Projects\17-0035-00Y Geofrag Pearl St\Design\CADD Sheets\09-sht-quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				MADISON URBAN	
				RESURFACING ROADWAY	HUMBERT ROADWAY
				0005	0004
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	0
60261540	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1	0
60600605	CONCRETE CURB, TYPE B	FOOT	10.0	10.0	0.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	283.0	50.0	233.0
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	4	0	4
67100100	MOBILIZATION	L SUM	1	1	0
* 72000100	SIGN PANEL - TYPE 1	SO FT	5.0	5.0	0.0
72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	3.0	3.0	0.0
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	9.0	9.0	0.0
* 72900100	METAL POST - TYPE A	FOOT	11.5	11.5	0.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	100	100	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,962	5,675	287
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	60	0	60
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	240	75	165
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	44	44	0
* 78200020	CURB REFLECTORS	EACH	12	0	12

\* = SPECIALTY ITEM



USER NAME = lgoetz  
 MODEL NAME = QUAN-03  
 PLOT SCALE = 42.6667' / in.  
 PLOT DATE = 3/12/2020

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 PEARL STREET

SCALE: NTS SHEET 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	5
CONTRACT NO. 97678			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE	
MADISON	
URBAN	
RESURFACING ROADWAY	HUMBERT ROADWAY
0005	0004

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RESURFACING ROADWAY 0005	HUMBERT ROADWAY 0004
x0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	470	75	395
X0327301	RELOCATE EXISTING MAILBOX	EACH	14	14	0
X4402800	ISLAND PAVEMENT REMOVAL	SQ YD	32	0	32
X6061055	CONCRETE ISLAND (SPECIAL)	SQ FT	328	0	328
X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	143.0	143.0	0.0
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	1	0	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0
Z0012450	CONCRETE STEPS	CU YD	0.5	0.5	0.0
Z0012455	CONCRETE STEP REMOVAL	EACH	5	5	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0
Z0036200	PAINT CURB	FOOT	50	50	0

• =SPECIALTY ITEM

FILE NAME: S:\Projects\2017 Projects\417-0035-BHY Godfrey Peer1 S1\Design\CA00 Sheets\0P-ht-quanttbl.dgn



USER NAME = lgoetz  
 MODEL NAME = QUAN-04  
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 PLOT DATE = 3/12/2020

DESIGNED -  
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 CHECKED -  
 DATE -

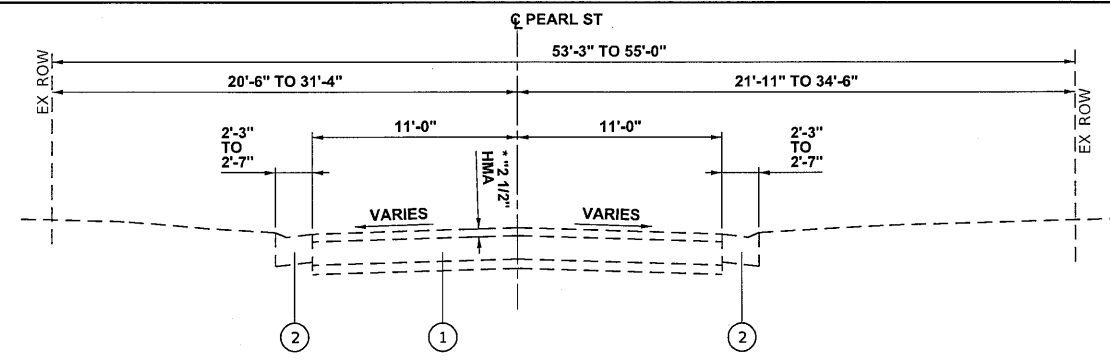
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

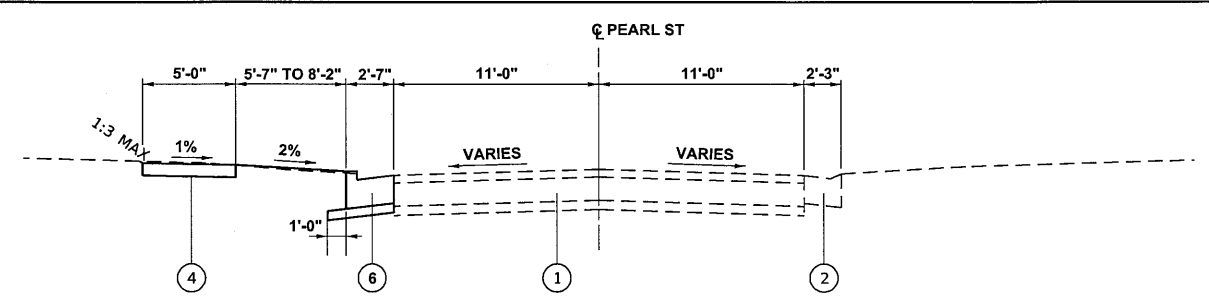
SUMMARY OF QUANTITIES  
 PEARL STREET

SCALE: NTS SHEET 4 OF 4 SHEETS

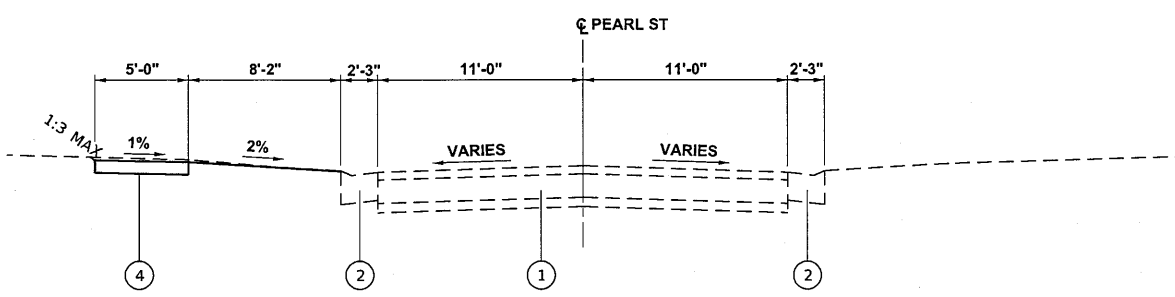
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	6
CONTRACT NO. 97678				
ILLINOIS FED AID PROJECT				



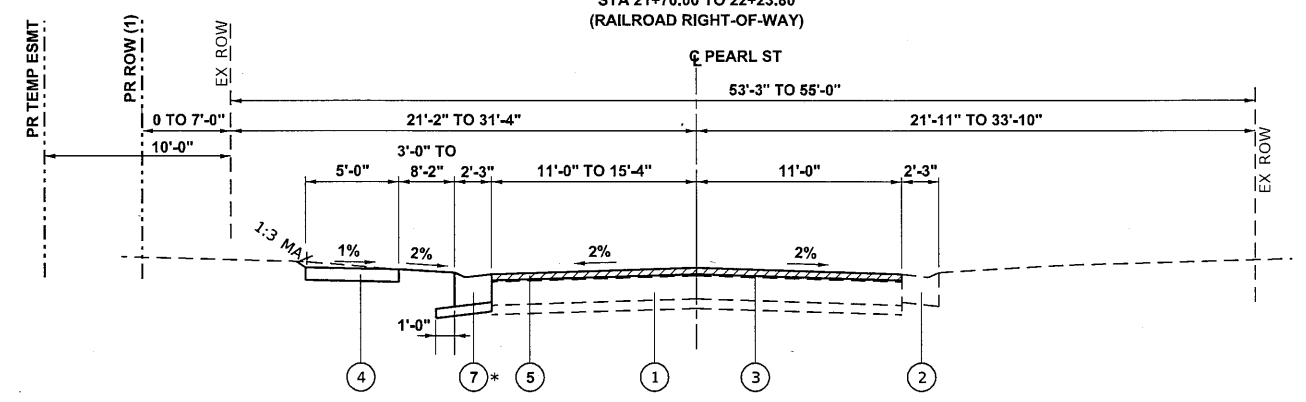
**EXISTING TYPICAL SECTION**  
 STA 21+70.00 TO STA 38+53.00  
 (\*8" PCCP FROM STA 36+83.00 TO STA 38+53.00)



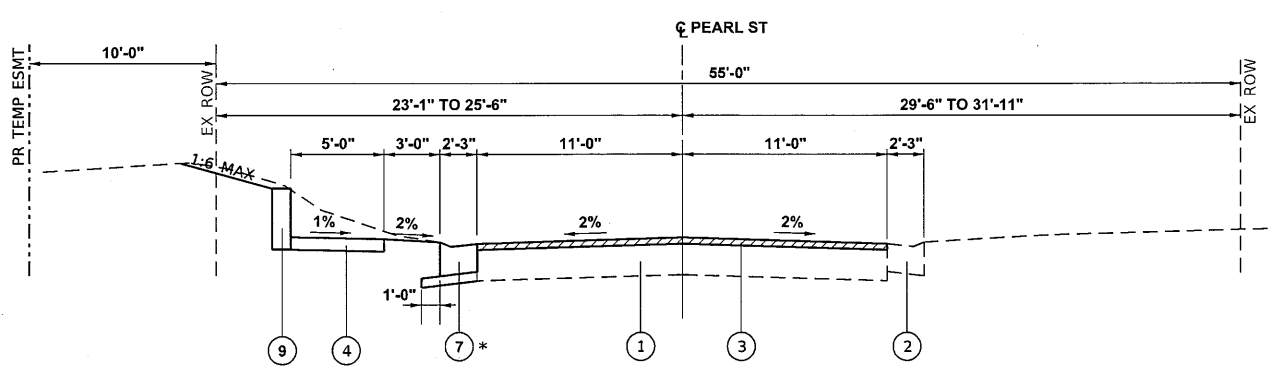
**PROPOSED TYPICAL SECTION**  
 STA 21+70.00 TO 22+23.80  
 (RAILROAD RIGHT-OF-WAY)



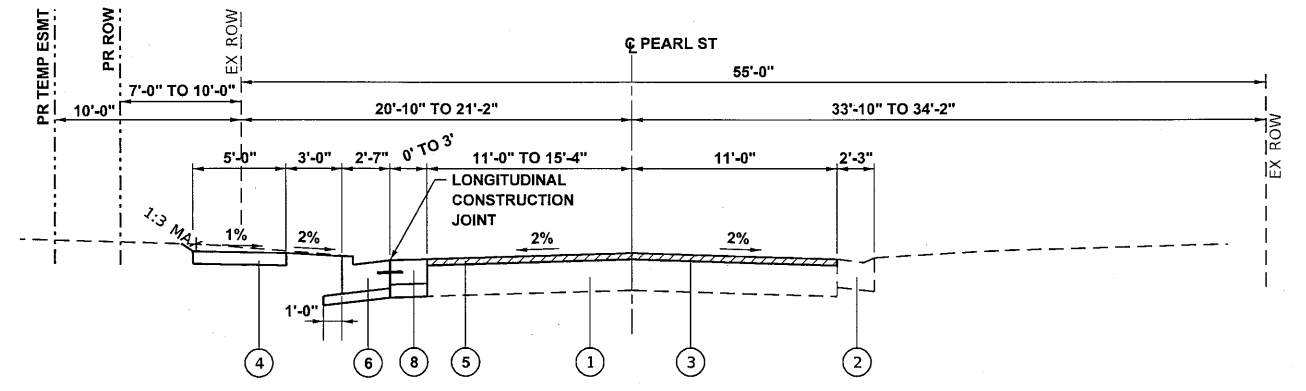
**PROPOSED TYPICAL SECTION**  
 STA 22+23.80 TO 23+30.00  
 (RAILROAD RIGHT-OF-WAY)



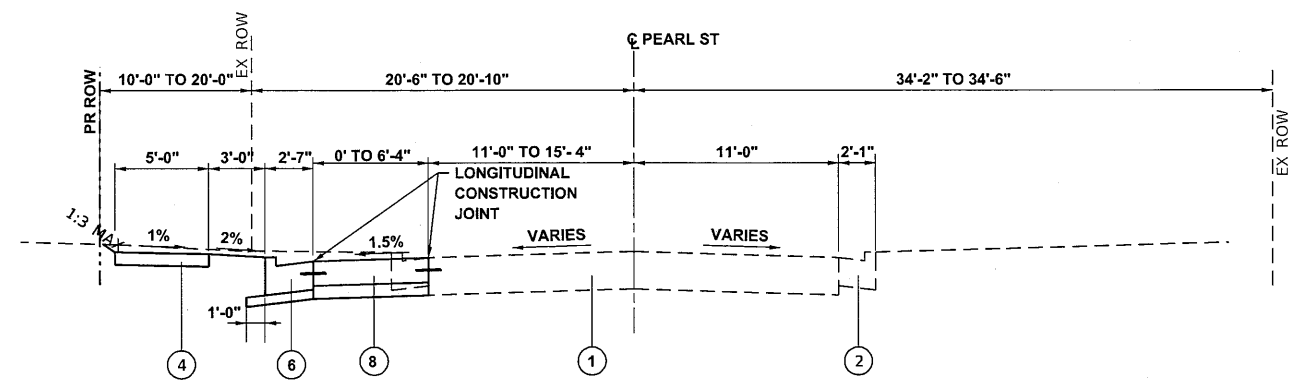
**PROPOSED TYPICAL SECTION**  
 STA 23+30.00 TO STA 31+00.00  
 STA 34+15.00 TO STA 36+40.00 (1)  
 (1) PR ROW THESE STA ONLY



**PROPOSED TYPICAL SECTION**  
 STA 31+00.00 TO STA 34+15.00



**PROPOSED TYPICAL SECTION**  
 STA 36+40.00 TO STA 36+83.00



**PROPOSED TYPICAL SECTION**  
 STA 36+83.00 TO STA 38+53.00

- LEGEND**
- ① EXISTING HMA/CONCRETE PAVEMENT
  - ② EXISTING CONCRETE GUTTER/CURB & GUTTER
  - ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70, 2"
  - ④ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
  - ⑤ PROPOSED AREA REFLECTIVE CRACK CONTROL
  - ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, OR DEPRESSED CURB (SEE PLAN SHEET)  
 PROPOSED AGGREGATE BASE COURSE, TY A 4"
  - \* ⑦ PROPOSED CONCRETE GUTTER, (SPECIAL)  
 PROPOSED AGGREGATE BASE COURSE, TY A 4"
  - ⑧ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8"  
 PROPOSED AGGREGATE BASE COURSE, TY A 4"
  - ⑨ SEGMENTAL CONCRETE BLOCK WALL
  - ▨ HOT-MIX ASPHALT SURFACE REMOVAL, 2"

\* CONCRETE GUTTER SHALL BE REPLACED IN LOCATIONS WHERE THE ENGINEER DEEMS NECESSARY

FILE NAME: S:\Projects\2817-Projects\417-0035-01\Geofrey\_Pearl\_S\Design\CADD\_Sheets\08-shr-Typical.sgn

	USER NAME = cwilcox	DESIGNED TMG	REVISED -
	MODEL NAME = Typ-01	DRAWN CJW	REVISED -
	PLOT SCALE = 5.0000' / in.	CHECKED TMG	REVISED -
	PLOT DATE = 2/21/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS PEARL STREET</b>		
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	7
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				

PEARL RESURFACING - 0005

TREE REMOVAL & MISCELLANEOUS							
		20100110	20100210	20101200	Z0012455	44000400	44000500
START STA	END STA	TREE REMOVAL (6 TO 15)	TREE REMOVAL (OVER 15)	TREE ROOT PRUNING	CONCRETE STEP REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL
		UNIT	UNIT	EACH	EACH	FOOT	FOOT
23+20	28+00			1		110	
28+00	34+00	128	131	2	5	60	
34+00	39+00		36	2		23	97
<b>TOTAL</b>		<b>128</b>	<b>167</b>	<b>5</b>	<b>5</b>	<b>193</b>	<b>97</b>

EARTHWORK		
LOCATION		20200100
START STA	END STA	EARTH EXCAVATION CU YD
23+30	23+50	1.2
23+50	24+00	3.1
24+00	24+50	3.2
24+50	25+00	3.0
25+00	25+21	1.5
25+21	25+50	2.6
25+50	25+95	5.3
25+95	26+00	0.6
26+00	26+50	6.4
26+50	27+00	5.4
27+00	27+50	6.0
27+50	27+83	5.7
27+83	28+00	3.8
28+00	28+45	9.1
28+45	28+50	0.7
28+50	29+00	9.0
29+00	29+14	4.6
29+14	29+50	10.6
29+50	29+71	5.9
29+71	30+00	8.1
30+00	30+50	6.3
30+50	30+51	0.1
30+51	31+00	13.4
31+00	31+50	20.2
31+50	32+00	24.5
32+00	32+50	33.9
32+50	33+00	40.7
33+00	33+50	41.4
33+50	34+00	35.4
34+00	34+50	31.3
34+50	34+59	25.1
34+59	35+00	12.0
35+00	35+50	1.2
35+50	36+00	4.7
36+00	36+50	5.1
36+50	37+00	11.1
37+00	37+50	24.7
37+50	37+87.50	12.6
<b>TOTAL</b>		<b>440</b>

PAVEMENTS - MAINLINE							
		40600290	40604062	44000690	44200061	44200071	44300100
START STA	END STA	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HOT-MIX ASPHALT SURFACE CORRECTION	PAVEMENT PATCHING, TYPE I, 6 INCH	PAVEMENT PATCHING, TYPE IV, 6 INCH	AREA REFLECTIVE CRACK CONTROL TREATMENT
		POUND	TON	SQ YD	SQ YD	SQ YD	SQ YD
23+20	28+00	542.0	137	1205	116	50	140.0
28+00	34+00	663.2	166	1474	148		178.0
34+00	39+00	315.8	82	702	71		86.0
<b>TOTAL</b>		<b>1521.0</b>	<b>385</b>	<b>3381</b>	<b>335</b>	<b>50</b>	<b>404.0</b>

SIGNAGE										
STATION	PROPOSED OFFSET TO SIGN EDGE (FOOT)	SIDE (LT/RT)	SIGN PANEL DESCRIPTION	CODE	SIGN PANEL DIMENSIONS (INCHES)		72400310	72400500	72000100	72900100
					WIDTH	HEIGHT	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL TYPE 1	METAL POST TYPE A
							SQ FT	EACH	SQ FT	FOOT
23+30	22	LT	"END SIDEWALK"	CUSTOM	24	12	-	-	2	11.5
24+85	14.0	LT	NO PARKING	R8-3a	-	-	-	1	-	-
26+85	27.0	LT	STOP	R1-1	-	-	-	1	-	-
27+15	24.0	LT	PEARL ST / FLORIDA AVE	CUSTOM	-	-	-	1	-	-
27+24	14.0	LT	RAILROAD CROSSING	W10-1	-	-	-	1	-	-
29+40	14.0	LT	NO PARKING	R8-3a	-	-	-	1	-	-
35+15	14.0	LT	CRIME WATCH	CUSTOM	18	24	3.0	1	3.0	-
36+10	14.0	LT	NO PARKING	R8-3a	-	-	-	1	-	-
36+80	18.0	LT	SPEED LIMIT 30	R2-1	-	-	-	1	-	-
37+46.50	35.0	LT	PEARL ST / HUMBERT RD	CUSTOM	-	-	-	1	-	-
<b>TOTAL</b>							<b>3.0</b>	<b>9</b>	<b>5.0</b>	<b>11.5</b>

DRAINAGE AND UTILITIES							
		56109210	56500600	60255500	60261540	X0327301	28000510
START STA	END STA	WATER VALVES TO BE ADJUSTED	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	INLET TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	RELOCATE EXISTING MAILBOX	INLET FILTERS
		EACH	EACH	EACH	EACH	EACH	EACH
23+20	28+00	1	1	2		8	2
28+00	34+00		1			5	
34+00	39+00		1		1	1	1
<b>TOTAL</b>		<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>14</b>	<b>3</b>

FILE NAME: S:\Projects\2017-0035-001Y\001\Drawings\PEARL ST\Design\CADD\_Sheets\08-shr-schedule.dgn

	USER NAME = TGoetz	DESIGNED TMG	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b> <b>PEARL STREET</b>			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME = SCHEDULE-01	DRAWN CJW	REVISED -					8953	16-00032-00-RS	MADISON	26	8
	PLOT SCALE = 42.6667' / in.	CHECKED TMG	REVISED -					CONTRACT NO. 97678				
	PLOT DATE = 2/24/2020	DATE	REVISED -					ILLINOIS FED AID PROJECT				



PEARL RESURFACING - 0005

PAVEMENTS - MEDIAN, ENTRANCES & SIDEWALK											
START STA	END STA	40200700	42300200	42400100	42400800	44000200	60605000	60600605	X6062400	40800050	40800029
		AGGREGATE SURFACE COURSE, TYPE A 8"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE CURB, TYPE B	CONCRETE GUTTER (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACING	BITUMINOUS MATERIALS (TACK COAT)
		SQ YD	SQ YD	SQ FT	SQ FT	SQ YD	FOOT	FOOT	FOOT	TON	POUND
23+20	28+00		49	1954.0	20	86		10.0	60.0	6.7	9.0
28+00	34+00	39	64	2784.0		108			60.0	9.6	12.9
34+00	39+00		15	2603.0	27	41	50.0		23.0	4.0	5.3
TOTAL		39	128	7341.0	47	235	50.0	10.0	143.0	20.3	27.2

PAVEMENT MARKINGS									
START STA	END STA	78000100	78000200		78000600	78000650	78300100	Z0036200	COMMENTS
		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	PAVEMENT MARKING REMOVAL	PAINT CURB	
		SQ FT	WHITE	YELLOW	FOOT	FOOT	SQ FT	FOOT	
23+20	28+00	100	940	940		44			RAILROAD CROSSING L&S = 100 SF
28+00	34+00		1200	1200					
34+00	39+00		518	877	75		75	50	
TOTAL		100	2658	3017	75	44	75	50	
			5675						

AGGREGATE BASE COURSE			
ASSOCIATED ITEMS			35100300
ITEM NO.	DESCRIPTION		AGGREGATE BASE COURSE, TYPE A 4"
			SQ YD
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"		128
60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24		17
X6062400	CONCRETE GUTTER (SPECIAL)		38
TOTAL			183

LUMP SUM SCHEDULE			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LUMP SUM	1
Z0013798	CONSTRUCTION LAYOUT	LUMP SUM	1

EROSION AND SEDIMENT CONTROL						
START STA	END STA	250000210	25000400	25000500	25000600	20101700
		SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SUPPLEMENTAL WATERING
		ACRE	POUND	POUND	POUND	UNIT
23+20	28+00	0.06	6	6	6	1.0
28+00	34+00	0.09	9	9	9	1.5
34+00	39+00	0.08	8	8	8	1.0
TOTAL		0.23	23	23	23	3.5

STRUCTURES				
START STA	END STA	52200800	Z0012450	50901760
		SEGMENTAL CONCRETE BLOCK WALL	CONCRETE STEPS	PIPE HANDRAIL
		SQ FT	CU YD	FOOT
23+20	28+00			
28+00	34+00	542	0.5	6
34+00	39+00			
TOTAL		542	0.5	6

FILE NAME: S:\Projects\2017 Projects\17-0005-RHY Godfrey Pearl St\Design\CADD Sheets\08-shr-schedule.dgn



USER NAME = TGoetz  
 MODEL NAME = SCHEDULE-02  
 PLOT SCALE = 42.6667' / in.  
 PLOT DATE = 2/24/2020

DESIGNED TMG  
 DRAWN CJW  
 CHECKED TMG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 PEARL STREET

SCALE: NONE SHEET 2 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	9
CONTRACT NO. 97678			ILLINOIS FED. AID PROJECT	

HUMBERT ROAD - 0004

REMOVAL SCHEDULE						
START STA	END STA	44000100 PAVEMENT REMOVAL SQ YD	44000500 COMBINATION CURB AND GUTTER REMOVAL FOOT	78200020 PAVEMENT MARKING REMOVAL SQ FT	X4402800 ISLAND PAVEMENT REMOVAL SQ YD	X6660410 REMOVE RIGHT-OF-WAY MARKERS EACH
34+00	39+00	11	203	395	32	1
TOTAL		11	203	395	32	1

ROADWAY SCHEDULE							
START STA	END STA	42000300 PORTLAND CEMENT CONCRETE PAVEMENT 8" SQ YD	42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH SQ FT	42400800 DETECTABLE WARNINGS SQ FT	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT	66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS EACH	X6061055 CONCRETE ISLAND SPECIAL SQ FT
34+00	39+00	109	50.0	28	233.0	4	328
TOTAL		109	50.0	28	233.0	4	328

AGGREGATE BASE COURSE		
ASSOCIATED ITEMS		35100300 AGGREGATE BASE COURSE, TYPE A 4" SQ YD
ITEM NO.	DESCRIPTION	
42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	109
60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	78
X6061055	CONCRETE ISLAND (SPECIAL)	328
TOTAL		515

PAVEMENT MARKINGS - TRAFFIC CONTROL					
START STA	END STA	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE FOOT	78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8" FOOT	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" FOOT	78200020 CURB REFLECTORS EACH
34+00	39+00	287	60	165	12
TOTAL		287	60	165	12

FILE NAME: S:\Projects\2017 Projects\17-0035-00Y\Goffrey Pearl S\Design\CADD Sheets\08-shr-schedule.dgn



USER NAME = TGotz  
 MODEL NAME = SCHEDULE-03  
 PLOT SCALE = 42.6667' / in.  
 PLOT DATE = 2/24/2020

DESIGNED TMG  
 DRAWN CJW  
 CHECKED TMG  
 DATE -

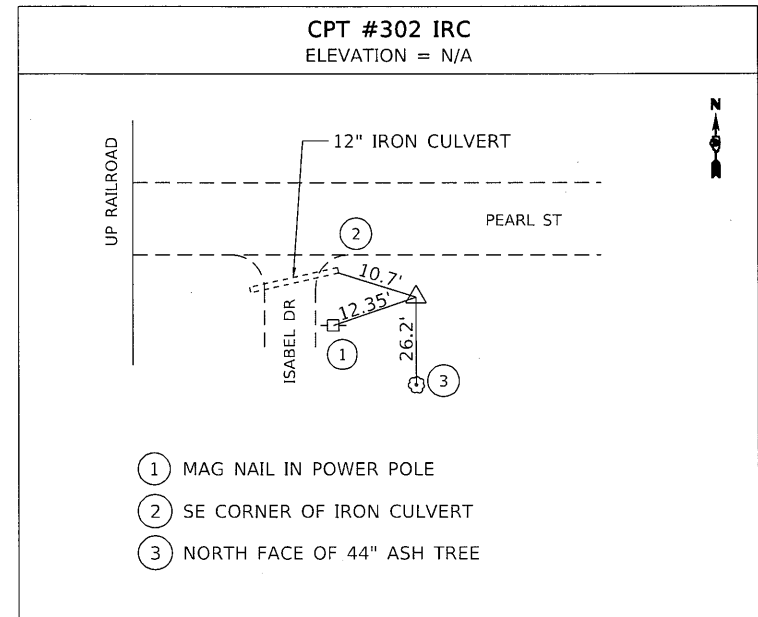
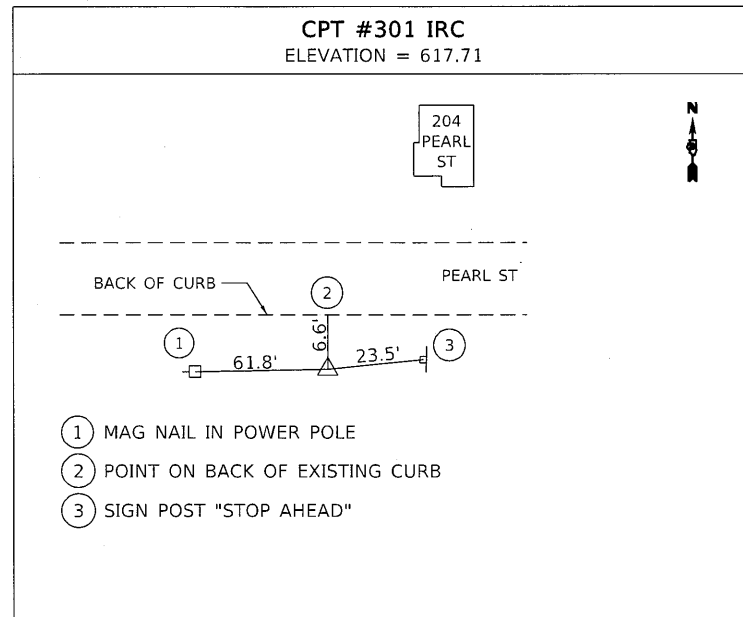
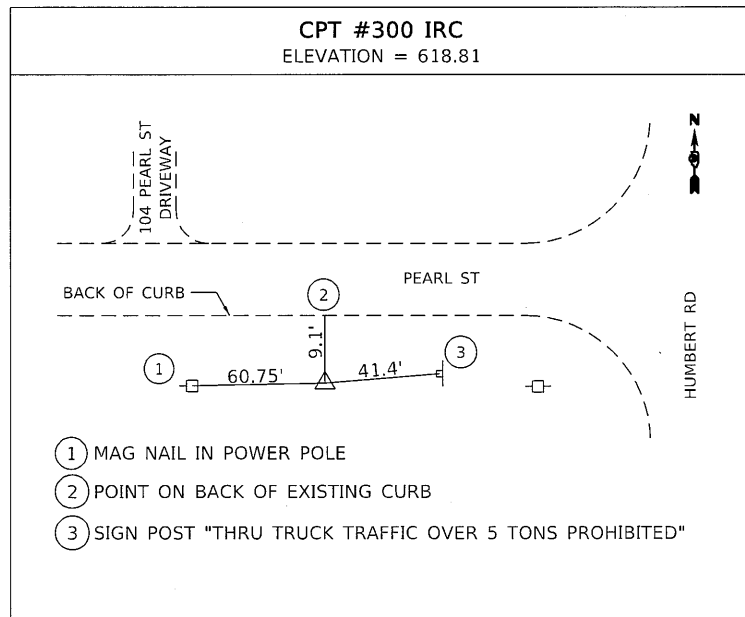
REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 PEARL STREET

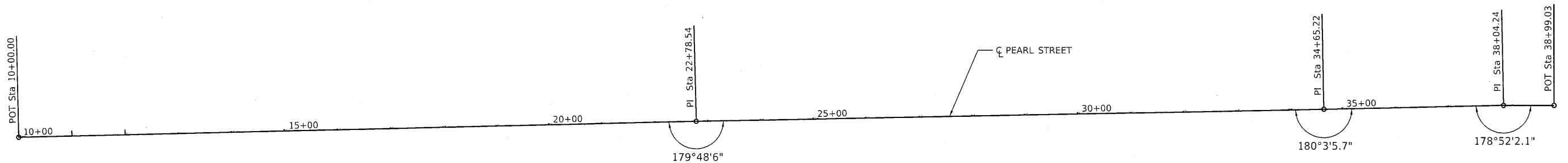
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	10
CONTRACT NO. 97678			ILLINOIS FED. AID PROJECT	



BENCHMARKS		
MONUMENT	ELEVATION	DESCRIPTION
BM 1	621.57'	SET RAILROAD SPIKE IN THE NORTH FACE OF THE 4TH POWER POLE WEST OF HUMBERT ROAD ON THE SOUTH SIDE OF PEARL STREET. POLE TAG #8048021

PR PEARL STREET			
POINT	STATION	NORTHING	EASTING
POT	10+00.00	834,264.1622	2,289,689.0120
PI	22+78.54	834,292.7115	2,290,967.2318
PI	34+65.22	834,315.1030	2,292,153.6970
PI	38+04.24	834,321.8052	2,292,492.6523
PI	38+99.03	834,321.8052	2,292,587.4416



FILE NAME: S:\Projects\2017 Projects\17-0835-RHY\_Goofrey\_Pearl\_St\Design\CADD Sheets\08-sht-ATB.dgn



USER NAME = cwilcox	DESIGNED TMG	REVISED -
MODEL NAME = ATB-01	DRAWN CJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED TMG	REVISED -
PLOT DATE = 2/21/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS  
PEARL STREET

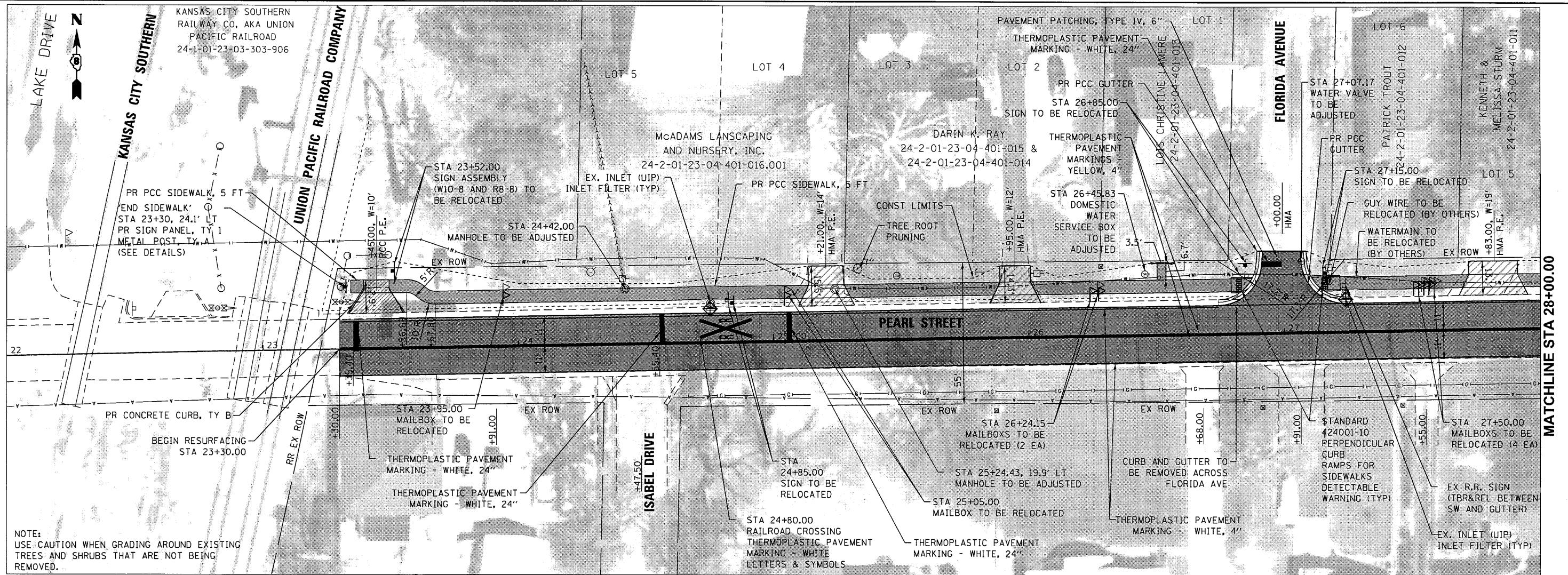
SCALE: N.T.S. SHEET 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	11
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
NOTED	
NO.	

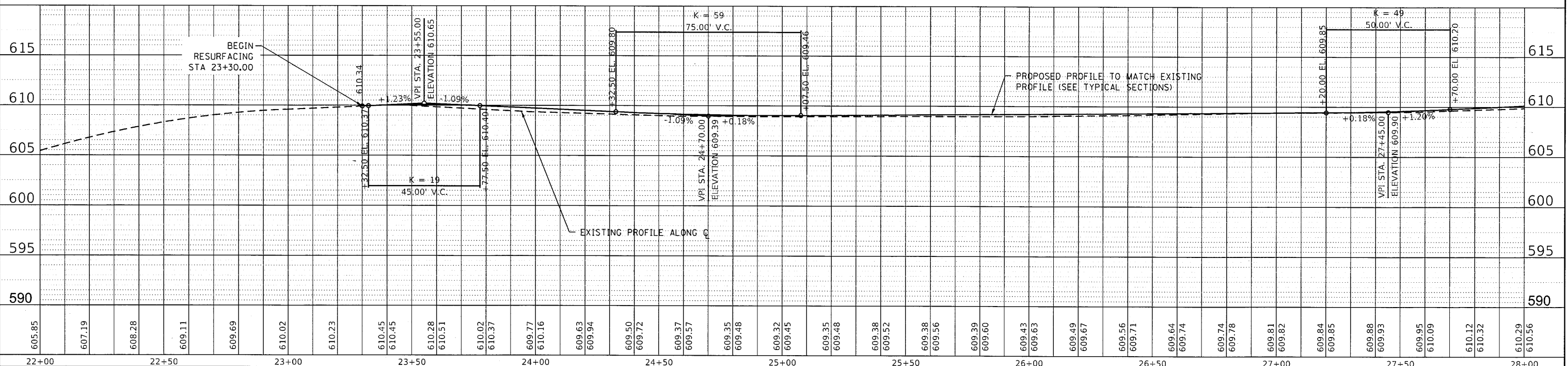
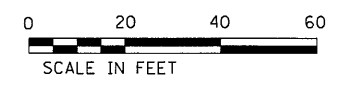
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BY	
SURVEYED	
PLOTTED	
NOTED	
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FILE NAME: S:\Projects\2017 Projects\417-9025-2HY Goff\Proj Pearl St\Design\CADD Sheets\08-11-17\Prj\_Pearl1.dgn



NOTE:  
USE CAUTION WHEN GRADING AROUND EXISTING TREES AND SHRUBS THAT ARE NOT BEING REMOVED.

HMA SURFACE REMOVAL, 2" HMA SURFACE COURSE, MIX D, N70  
PCC PAVEMENT, 8"  
ENTRANCE



USER NAME = TGoetz	DESIGNED - TMG	REVISED -
MODEL NAME = PP-01	DRAWN - TMG	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - LWJ	REVISED -
PLOT DATE = 2/24/2020	DATE	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PEARL STREET  
PLAN & PROFILE SHEETS

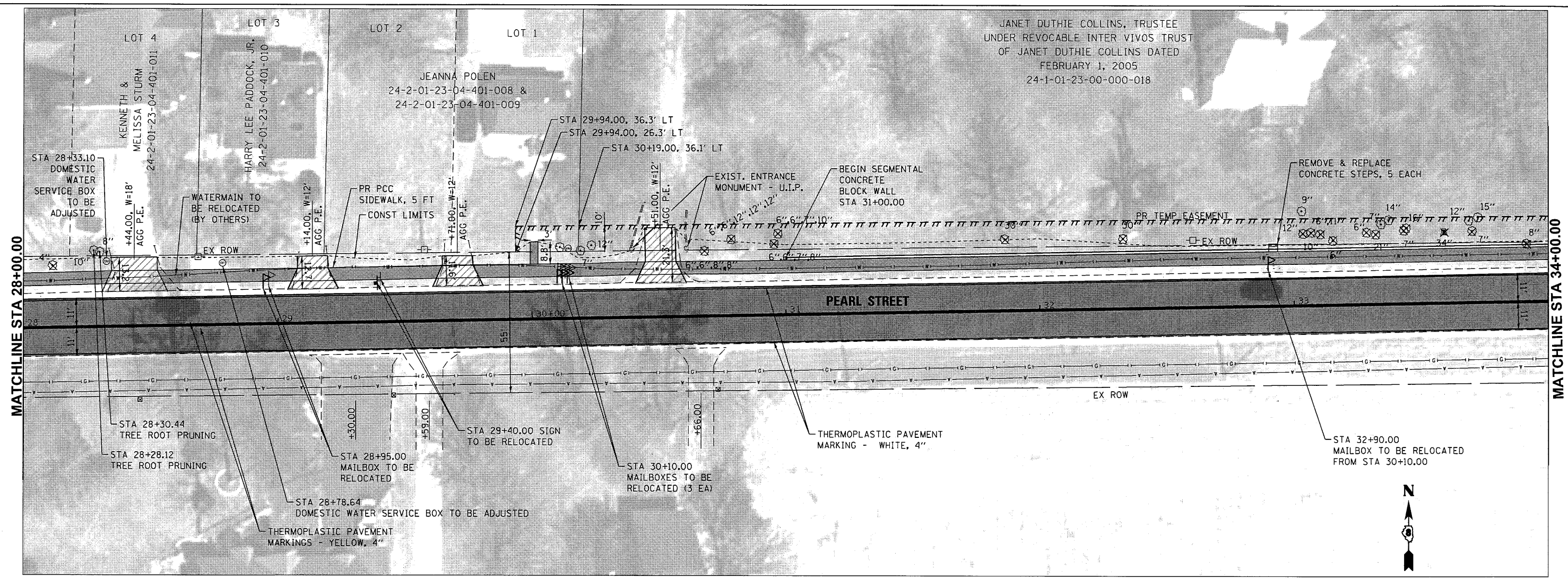
F.A.U. RTE. 8953	SECTION 16-00032-00-RS	COUNTY MADISON	TOTAL SHEETS 26	SHEET NO. 12
SCALE: 1:20				CONTRACT NO. 97678



JANET DUTHIE COLLINS, TRUSTEE  
 UNDER REVOCABLE INTER VIVOS TRUST  
 OF JANET DUTHIE COLLINS DATED  
 FEBRUARY 1, 2005  
 24-1-01-23-00-000-018

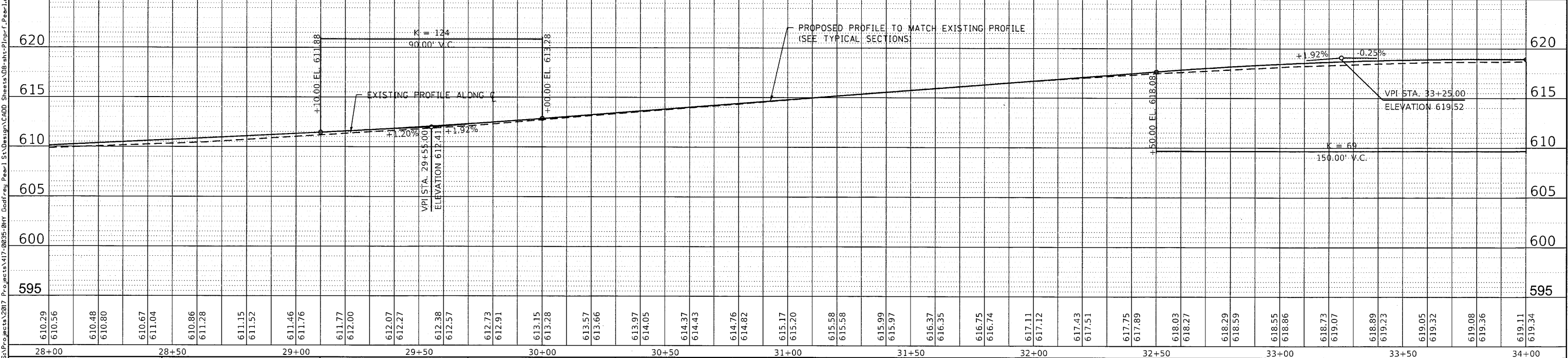
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PLOTTED	
ALIGNMENT CHECKED	
CONSTRUCTION CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	



NOTE:  
 USE CAUTION WHEN GRADING AROUND EXISTING TREES  
 AND SHRUBS THAT ARE NOT BEING REMOVED.

HMA SURFACE REMOVAL, 2"  
 HMA SURFACE COURSE, MIX D, N70  
 PCC PAVEMENT, 8"  
 ENTRANCE



	USER NAME = TGoeltz MODEL NAME = PP-02 PLOT SCALE = 40.0000' / in. PLOT DATE = 2/24/2020	DESIGNED - TMG DRAWN - TMG CHECKED - LWJ DATE	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PEARL STREET          PLAN &amp; PROFILE SHEETS</b>	F.A.U. RTE. 8953 SECTION 16-00032-00-RS COUNTY MADISON TOTAL SHEETS 26 SHEET NO. 13	CONTRACT NO. 97678 ILLINOIS FED. AID PROJECT
				SCALE: 1:20	SHEET 2 OF 3 SHEETS	STA 28+00.00 TO STA 34+00.00	

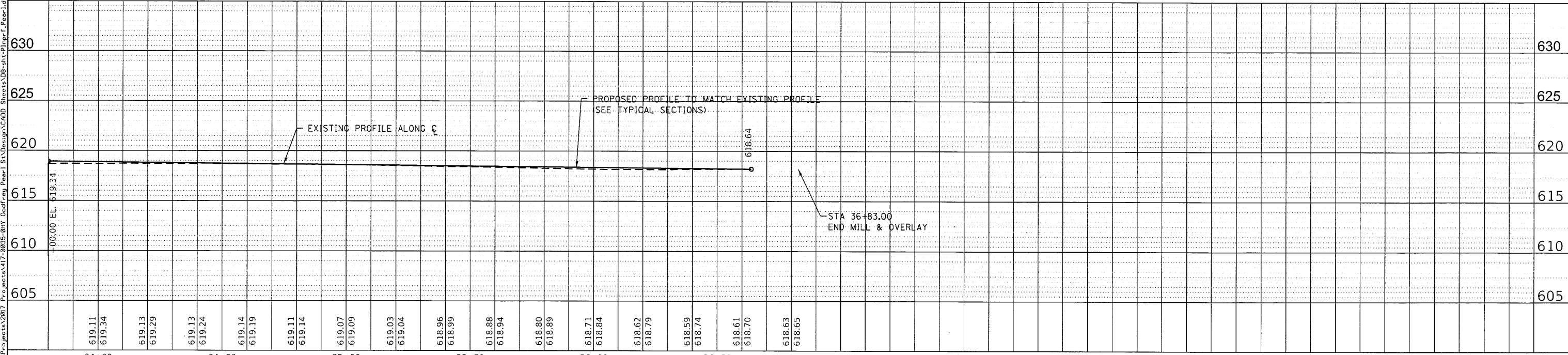
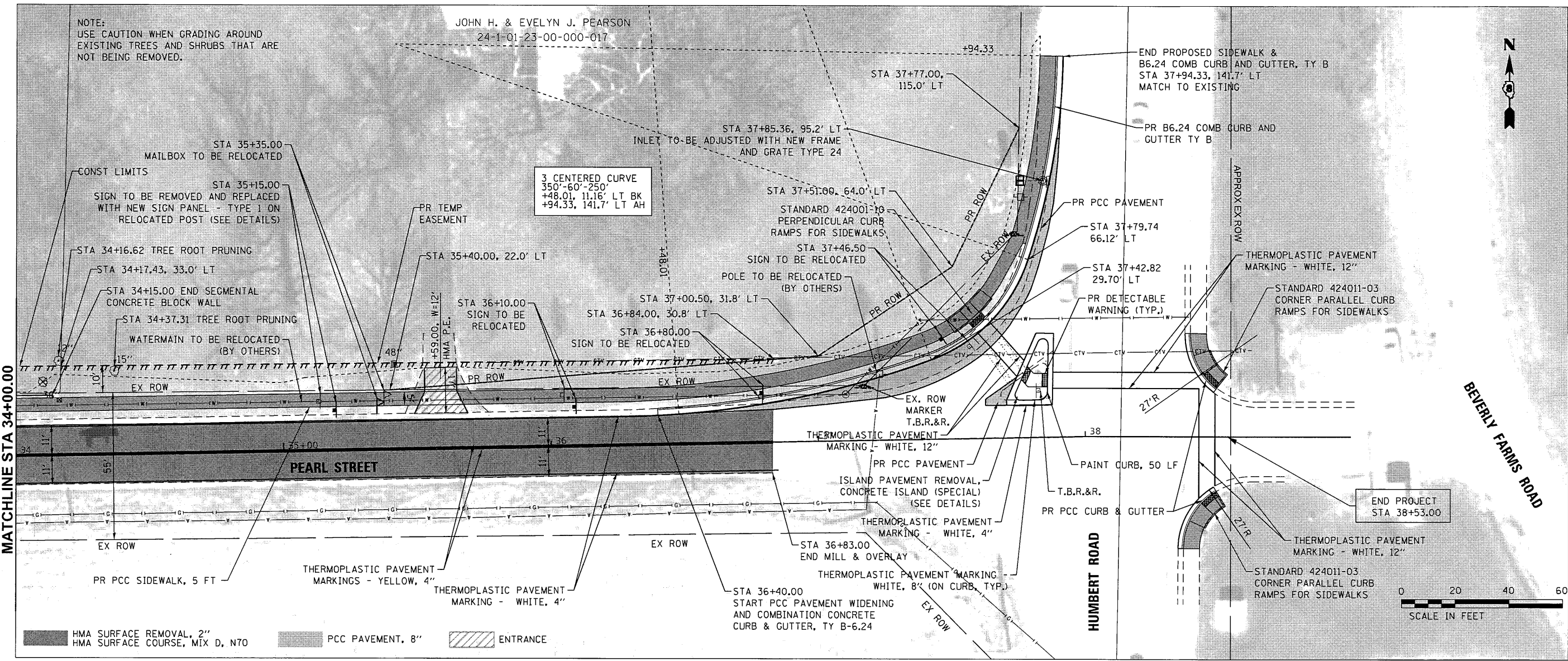
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DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
STRUCTURE NOTATION CHECKED	
NOTE BOOK NO.	
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FILE NAME: S:\Projects\2017 Projects\17-0025-00Y Coorway Pearl St\Design\CADD Sheets\08-sht-Plan-Pearl St.dgn



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MODEL NAME = PP-03	DRAWN - TMG	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - LWJ	REVISED -
PLOT DATE = 2/24/2020	DATE -	REVISED -

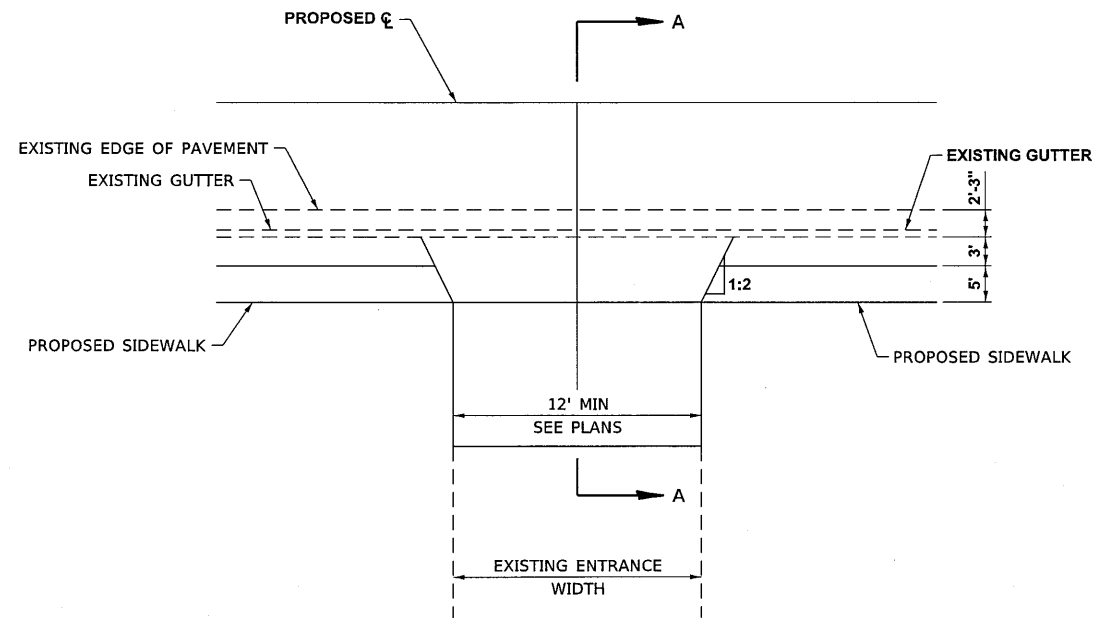
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PEARL STREET  
PLAN & PROFILE SHEETS**

SCALE: 1:20 SHEET 3 OF 3 SHEETS STA 34+00 TO STA 38+53

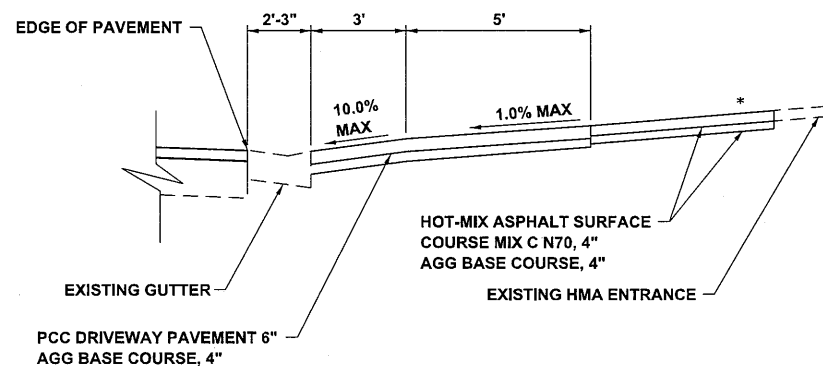
F.A.U. RTE. 8953	SECTION 16-00032-00-RS	COUNTY MADISON	TOTAL SHEETS 26	SHEET NO. 14
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				





**PE DETAIL A**

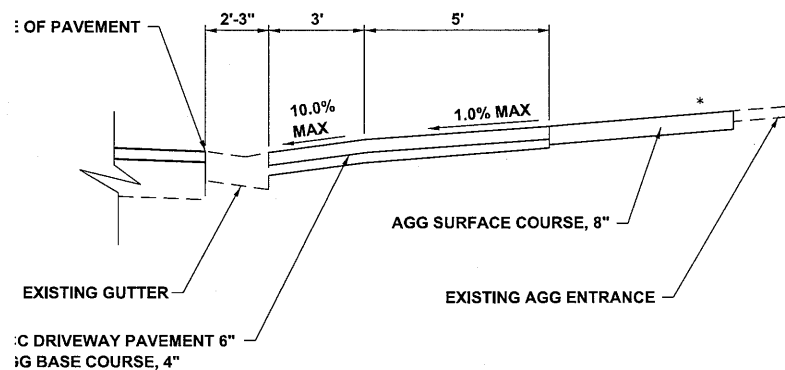
PRIVATE AGGREGATE OR HOT-MIX ASPHALT ENTRANCE  
ADJACENT TO CONCRETE GUTTER SPECIAL



**SECTION A-A**

EXISTING HMA DRIVEWAY

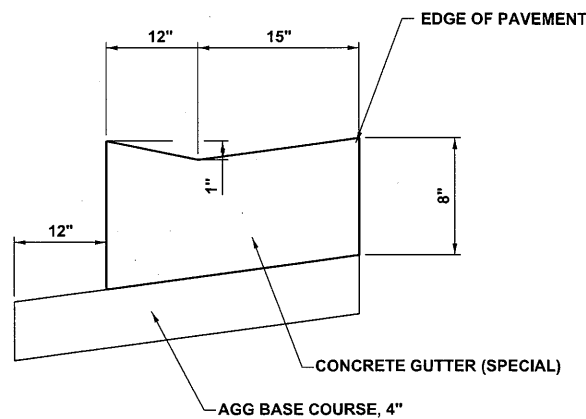
\* SEE CROSS SECTION FOR SLOPES



**SECTION A-A**

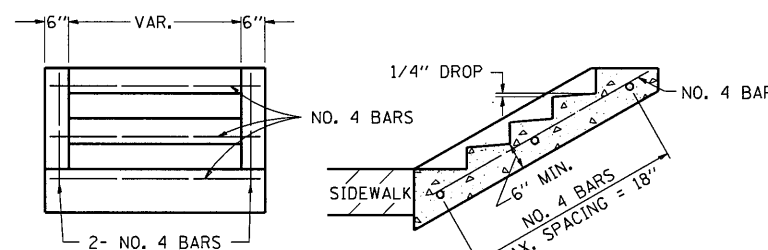
EXISTING AGG DRIVEWAY

\* SEE CROSS SECTION FOR SLOPES



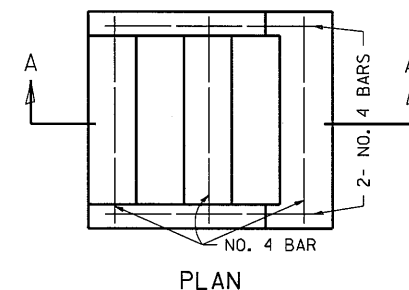
**CONCRETE GUTTER (SPECIAL)**

**DETAIL OF CONCRETE STEPS**



END ELEVATION

SECTION A-A



PLAN

REVISED - 8-27-13  
REVISED - 10-03-11

**TABLE OF TREADS & RISERS**

SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

**EXAMPLE:**

FOR A 1:4 SLOPE USE  $y = \text{RISER HEIGHT}$   $4y^2 = 75"$ .  
SOLVING  $y^2 = \frac{75}{4}$ ,  $y = 4.3"$  (USE 4 1/4" FOR CONVENIENCE.)  
TREAD WOULD THEN BE  $4 \frac{1}{4} \times 4 = 17"$

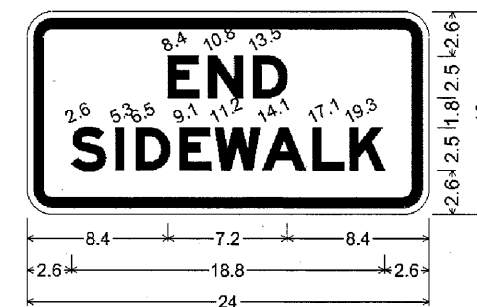
COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS FOR REINFORCEMENT BARS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STEPS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

**DETAIL OF CONCRETE STEPS**

**71.4**



Identifier:  
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;  
"END" E Mod 2K; "SIDEWALK" E Mod 2K;

END SIDEWALK SIGN (STA 23+30)



CRIME WATCH SIGN (STA 35+15)

**CUSTOM SIGN DETAILS**

FILE NAME: S:\Projects\2017 Projects\17-0035-00Y Godfrey Pear1 St\Design\CADD Sheets\08-shr-Details.dgn



USER NAME = TGoetz	DESIGNED TMG	REVISED -
MODEL NAME = DETAIL-01	DRAWN CJW	REVISED -
PLOT SCALE = 10.0000" / in.	CHECKED TMG	REVISED -
PLOT DATE = 2/24/2020	DATE	REVISED -

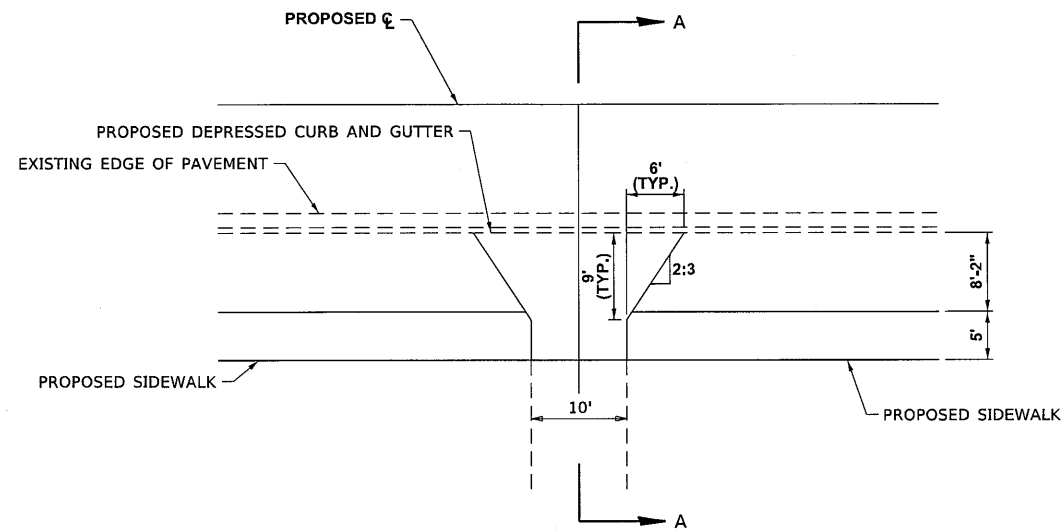
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS  
PEARL STREET

SCALE: N.T.S. SHEET 1 OF 6 SHEETS

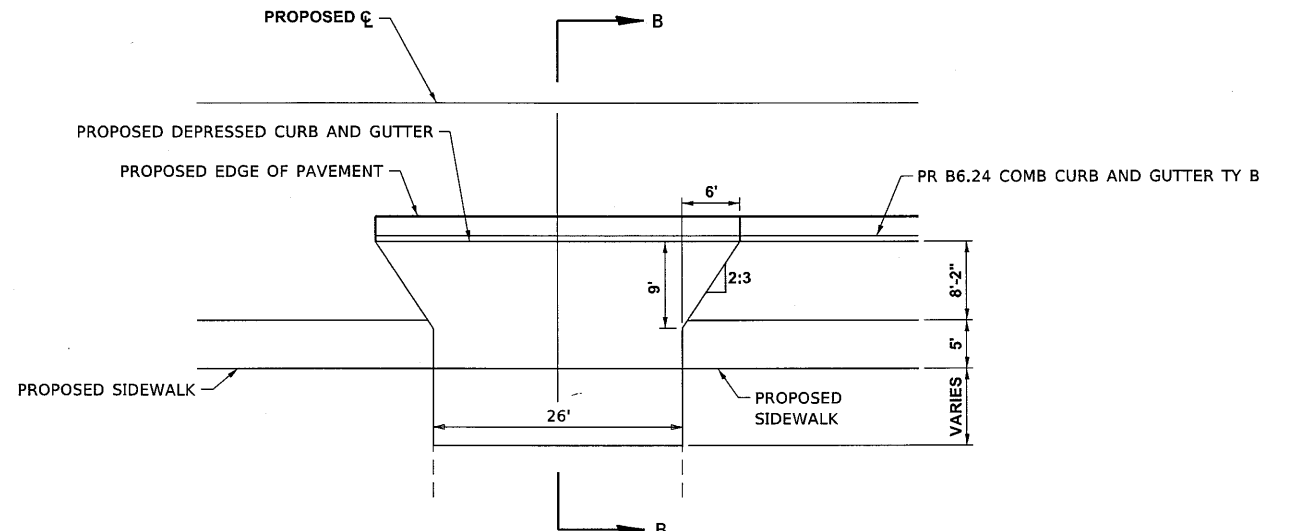
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CONTRACT NO. 97678				

ILLINOIS FED. AID PROJECT

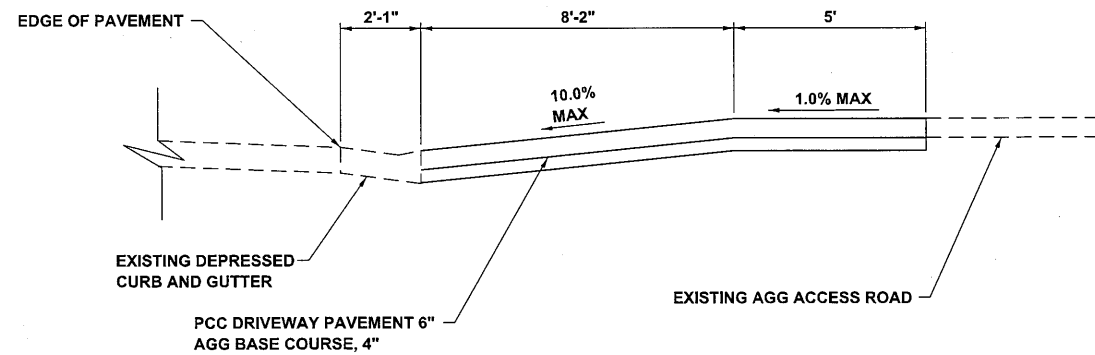


**PE DETAIL B**

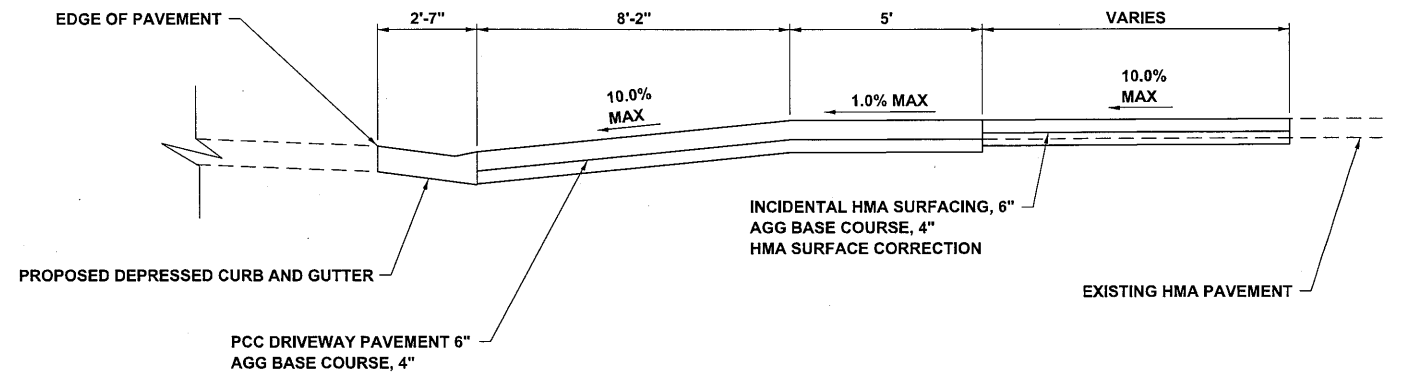
ENTRANCES AT STA 22+68.00 AND STA 23+45.00



**LAKE DRIVE DETAIL**



**SECTION A-A**



**SECTION B-B**

FILE NAME: S:\Projects\2017 Projects\17-0035-01Y Godfrey Pear1 St\Design\CADD Sheets\08-sht-Details.dgn



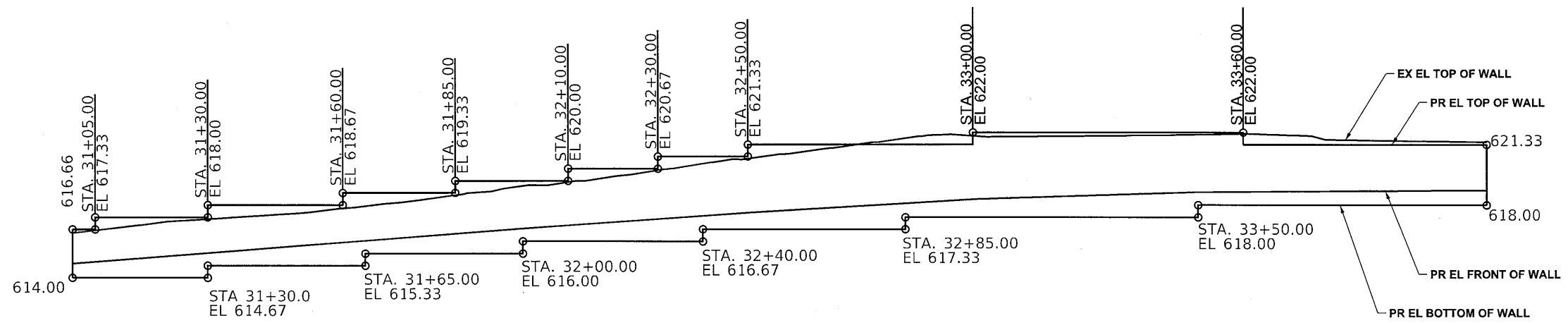
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MODEL NAME = DETAIL-02	DRAWN CJW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED TMG	REVISED -
PLOT DATE = 2/24/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

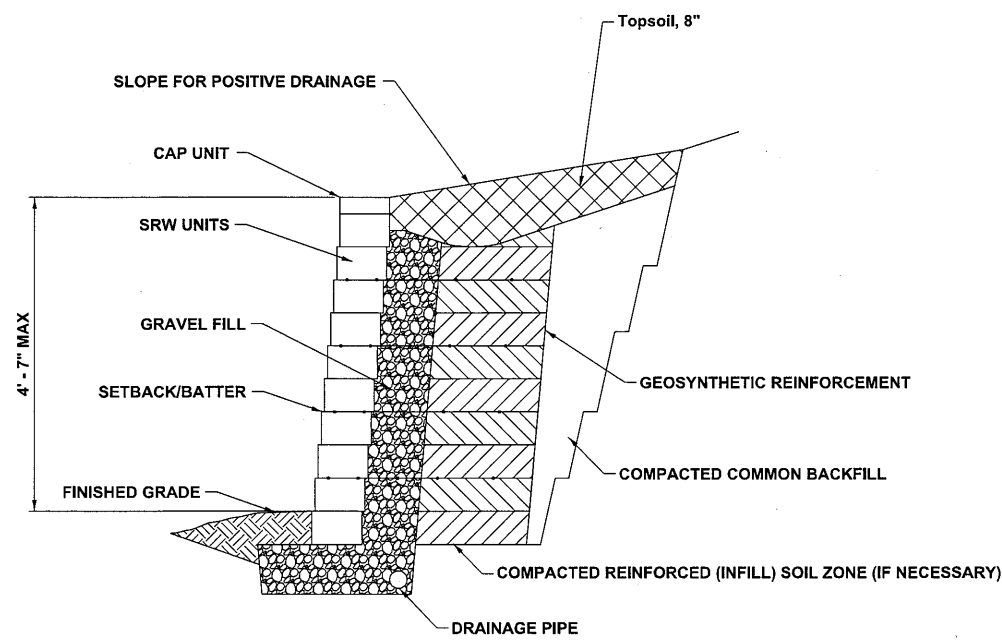
DETAILS  
PEARL STREET

SCALE: NTS SHEET 2 OF 6 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	16
CONTRACT NO. 97678			ILLINOIS FED. AID PROJECT	



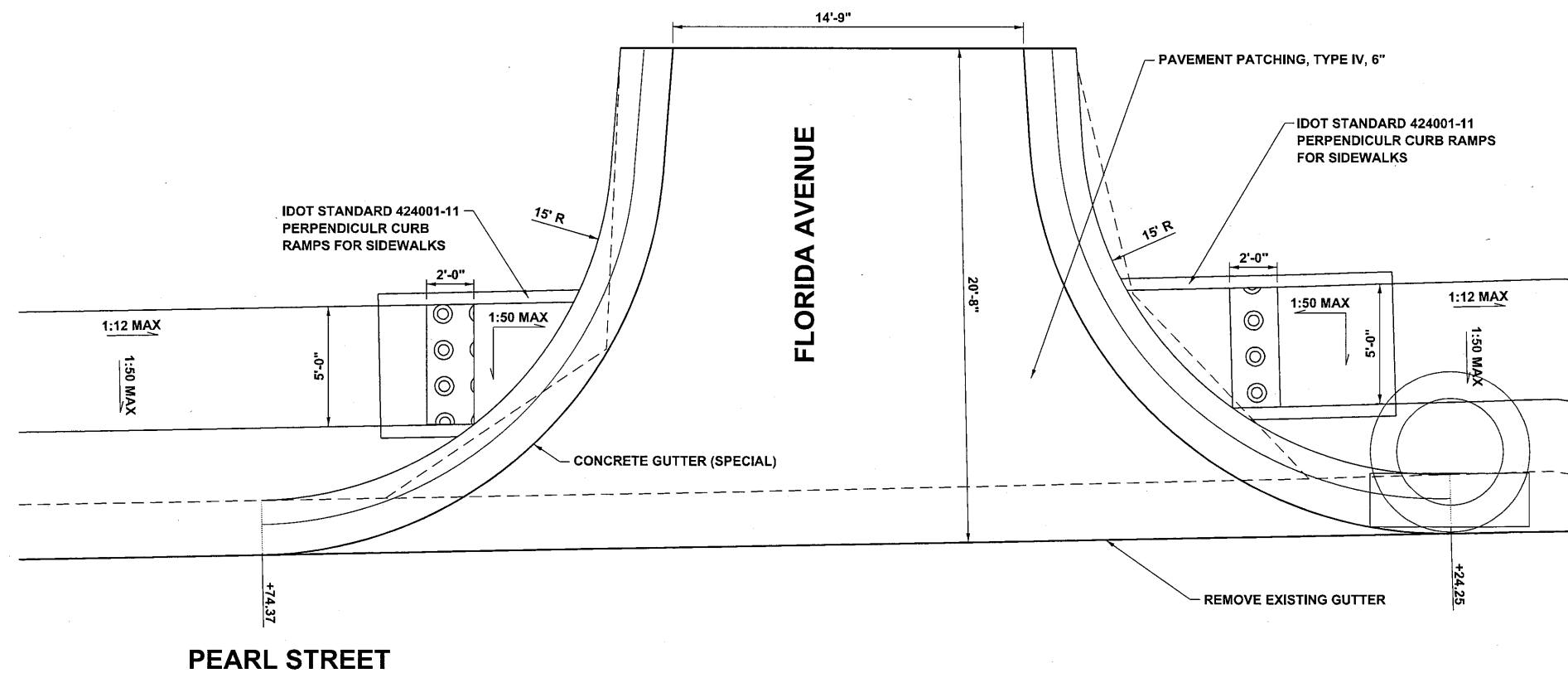
**SEGMENTAL CONCRETE BLOCK WALL**



**SEGMENTAL CONCRETE BLOCK WALL CROSS SECTION**

**NOTES:**

- BLOCKS SHALL BE SPLIT FACE STYLE, GRAY IN COLOR.
- WALL SHALL BE DESIGNED FOR ALLOWABLE SOIL BEARING PRESSURE OF 2400 PCF.
- SEE PROJECT SPECIFICATIONS FOR SUBSURFACE EXPLORATION REPORT.



**FLORIDA AVENUE INTERSECTION**

FILE NAME: S:\Projects\2017 Projects\17-0035-0HY Godfrey\_Pearl St.\Design\CADD Sheets\DB-sh-t-Detail.dgn



USER NAME = TGoetz	DESIGNED TMG	REVISED -
MODEL NAME = DETAIL-03	DRAWN CJW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED TMG	REVISED -
PLOT DATE = 2/24/2020	DATE -	REVISED -

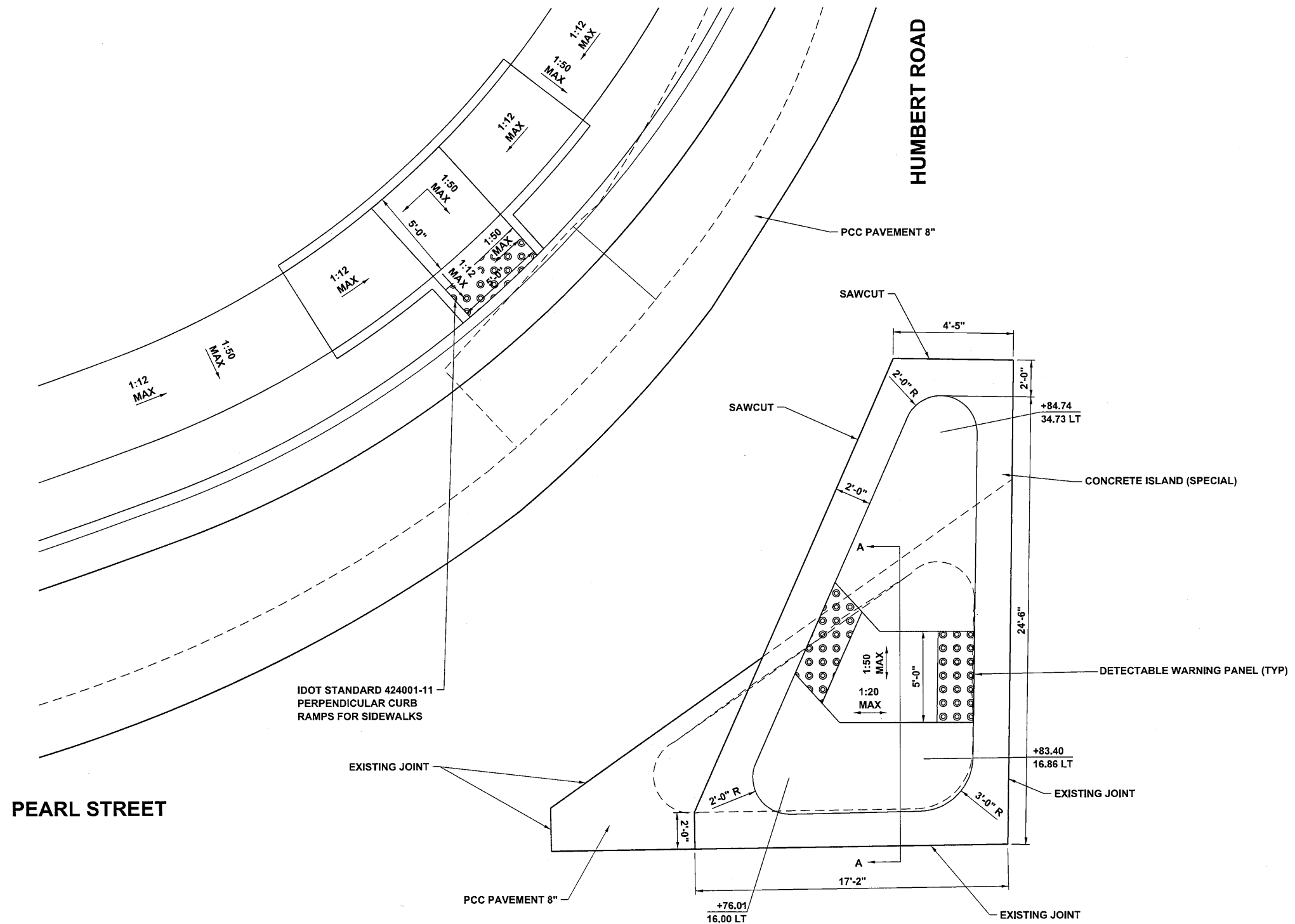
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NTS SHEET 3 OF 6 SHEETS

DETAILS  
PEARL STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	17
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				

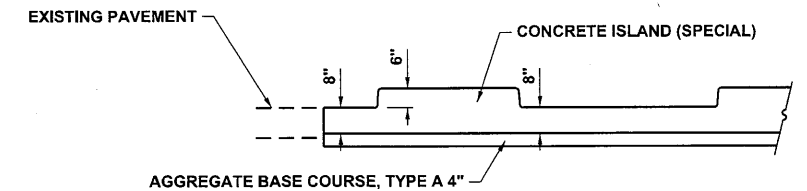
FILE NAME: S:\Projects\2017 Projects\417-0035-01\Godfrey Pearl St\Design\CADD Sheets\DB-sht-Details.dgn



PEARL STREET

HUMBERT ROAD

**PEARL STREET HUMBERT ROAD  
NORTHWEST SIDEWALK**



**SECTION A-A**



USER NAME = TGoetz	DESIGNED TMG	REVISED -
MODEL NAME = DETAIL-04	DRAWN CJW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED TMG	REVISED -
PLOT DATE = 2/24/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

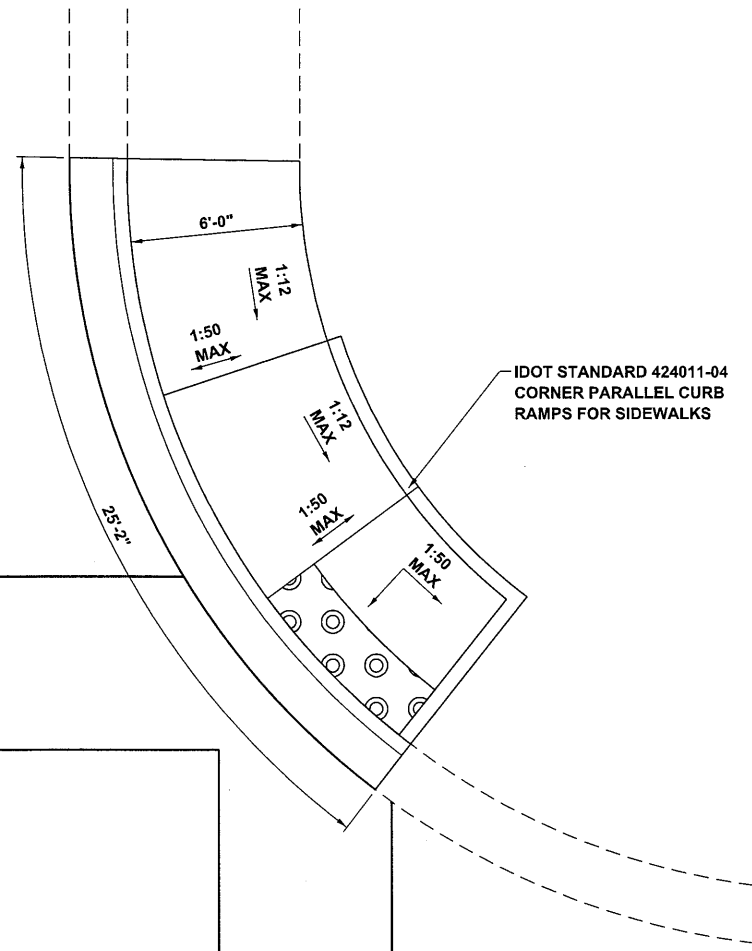
DETAILS  
PEARL STREET

SCALE: NTS SHEET 4 OF 6 SHEETS

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	18

CONTRACT NO. 97678  
ILLINOIS FED. AID PROJECT

HUMBERT ROAD



IDOT STANDARD 424011-04  
CORNER PARALLEL CURB  
RAMPS FOR SIDEWALKS

PEARL STREET

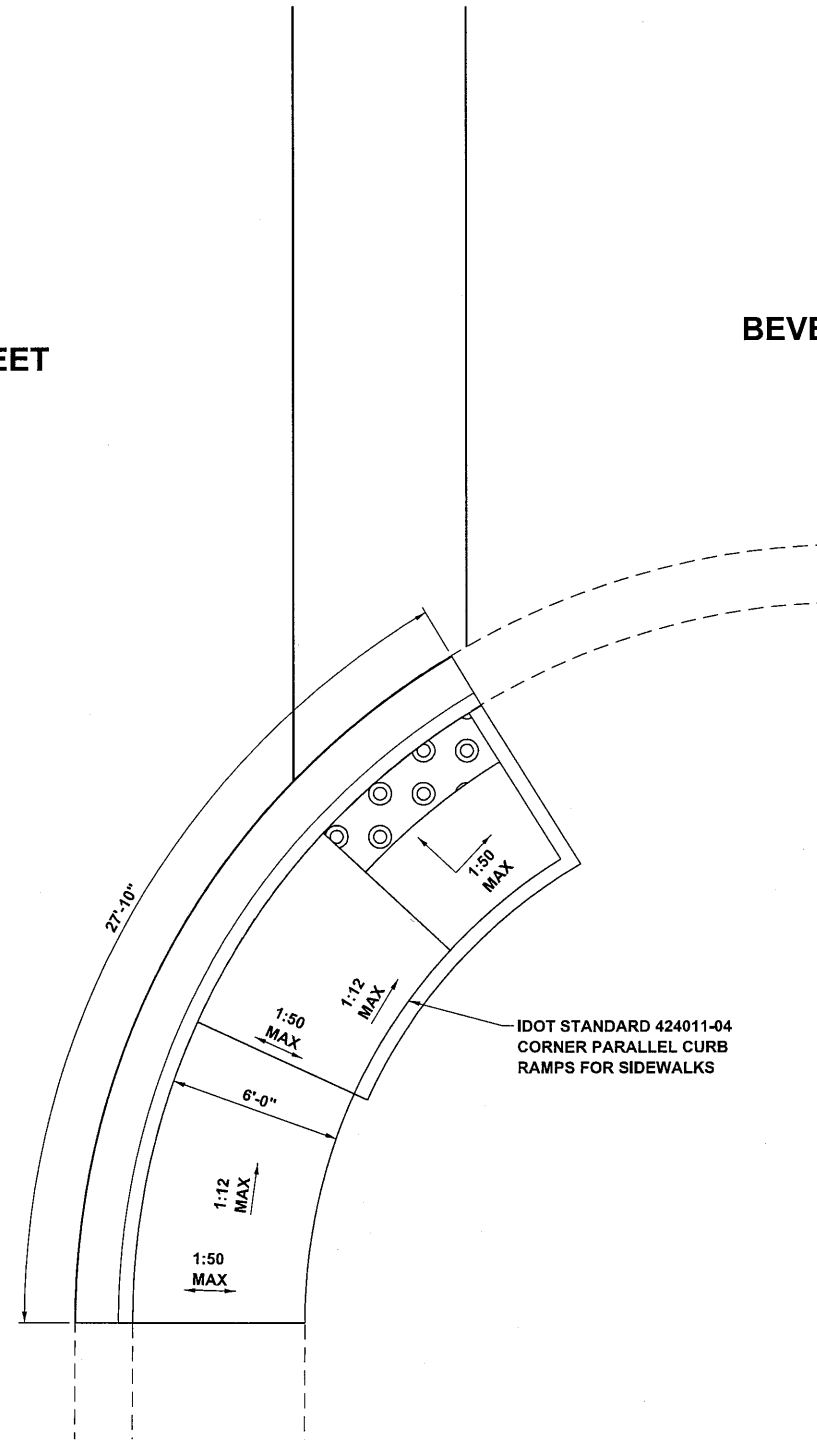
BEVERLY FARMS ROAD

**PEARL STREET HUMBERT ROAD  
NORTHEAST SIDEWALK**

PEARL STREET

BEVERLY FARM ROAD

HUMBERT ROAD



IDOT STANDARD 424011-04  
CORNER PARALLEL CURB  
RAMPS FOR SIDEWALKS

**PEARL STREET HUMBERT ROAD  
SOUTHEAST SIDEWALK**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS  
PEARL STREET

SCALE: NTS SHEET 5 OF 6 SHEETS

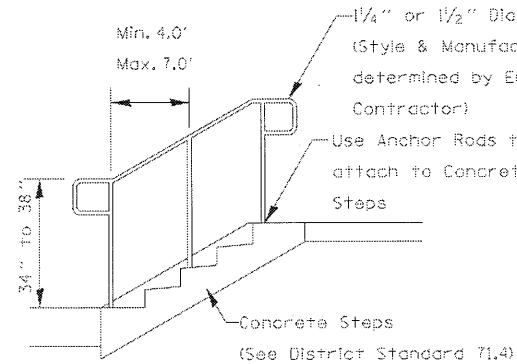
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8953	16-00032-00-RS	MADISON	26	19
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				

FILE NAME: S:\Projects\2017 Projects\17-0035-0HY Coor\reg Pearl St\Design\CADD Sheets\DB-shr-Detail.sgn

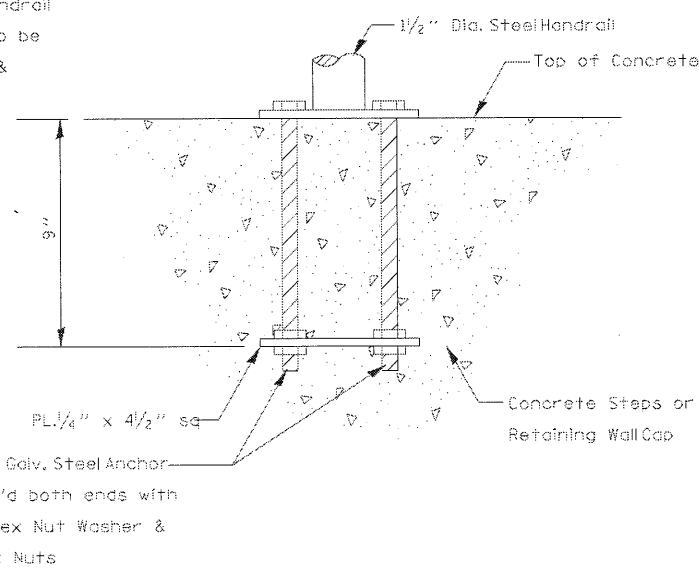


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MODEL NAME = DETAIL-05	DRAWN CJW	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED TMG	REVISED -
PLOT DATE = 2/24/2020	DATE -	REVISED -

# PIPE HANDRAILS FOR STEPS



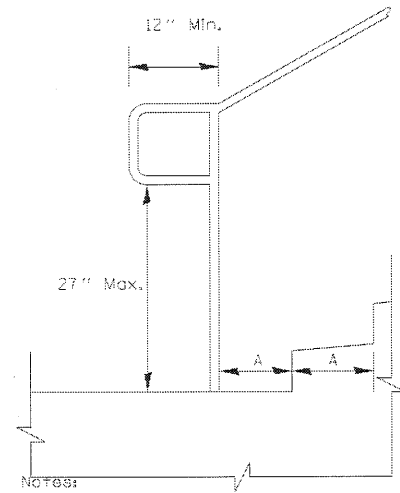
HANDRAIL FOR CONCRETE STEPS



3/4" Dia. Galv. Steel Anchor Rod Thd'd both ends with Heavy Hex Nut Washer & two Hex Nuts

ANCHOR ROD DETAIL

(Included in the cost of Hand or Safety Roll)



Notes:

Extension at Bottom of Run Detail

Stairways shall have continuous handrails both sides of all stairs.

The inside handrail on switchback or dogleg stairs shall always be continuous.

Gripping surfaces shall be uninterrupted by newelposts, other construction elements, or obstructions.

Ends of handrail shall be either rounded or returned smoothly to floor, wall, or post.

Hand & safety rails shall not rotate within their fittings.

The clear space between handrails and any wall shall be 1/2 inch.

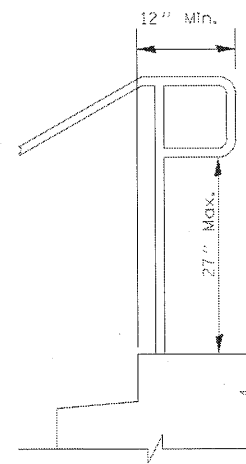
Handrail shall conform to Section 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.30, or 1006.34.

The diameter of the gripping surface of the handrail shall be 1-1/4 inch to 1-1/2 inch.

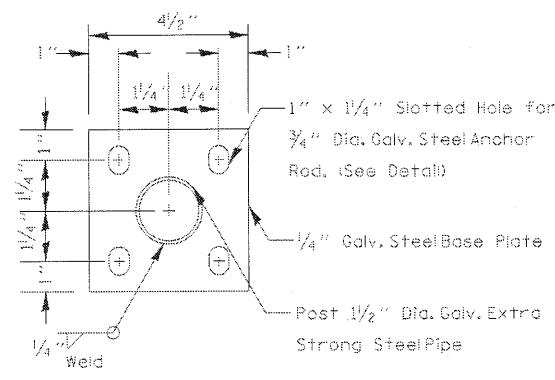
This work shall be paid for at the contract unit price per FOOT for PIPE HANDRAIL.

ANCHOR ROD DETAIL

(Included in the cost of Hand or Safety Roll)



Extension at Top of Run Detail



POST BASE PLATE DETAIL

(Included in the cost of Hand or Safety Roll)

FILE NAME: S:\Projects\2017 Projects\417-0035-01Y\Garfrey Pearl SA\Design\CADD Sheets\08-shr-Details.dgn



USER NAME = TGoetz  
 MODEL NAME = DETAIL-06  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 2/24/2020

DESIGNED TMG  
 DRAWN CJW  
 CHECKED TMG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETAILS  
 PEARL STREET

SCALE: NTS SHEET 6 OF 6 SHEETS

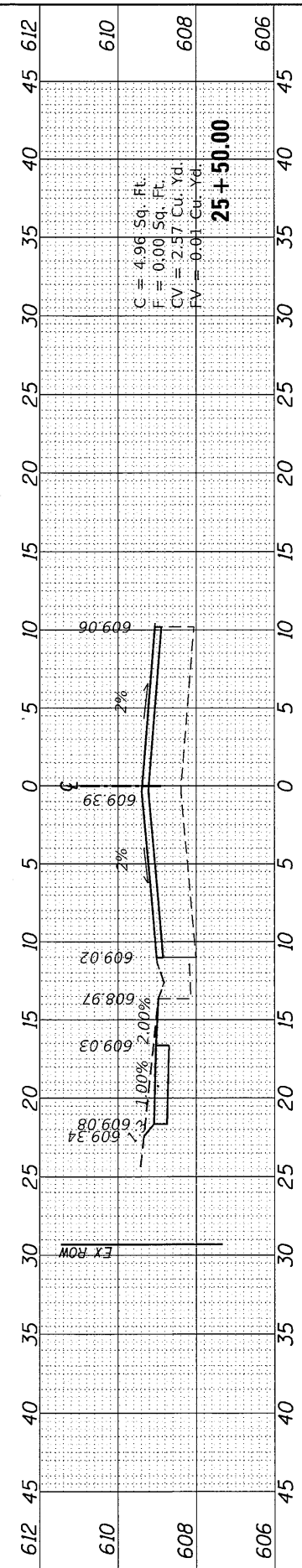
FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8953	16-00032-00-RS	MADISON	26	20
CONTRACT NO. 97678				
ILLINOIS FED. AID PROJECT				



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

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

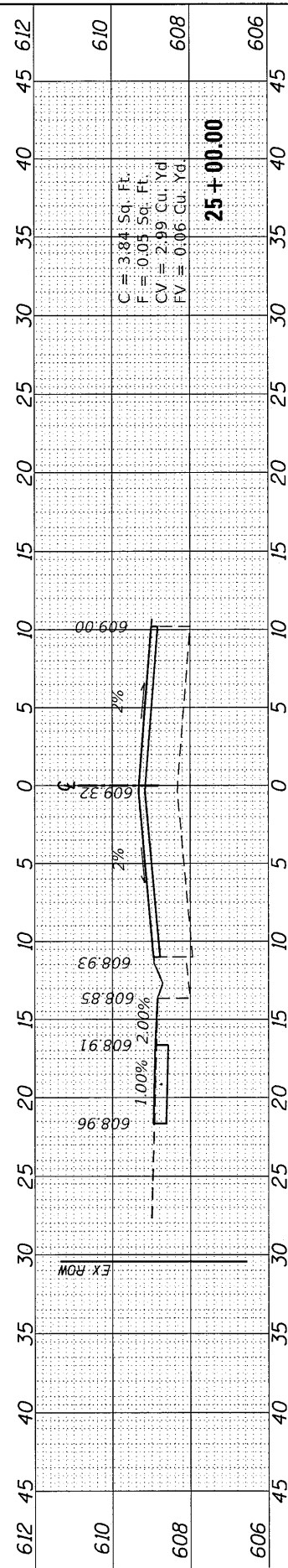
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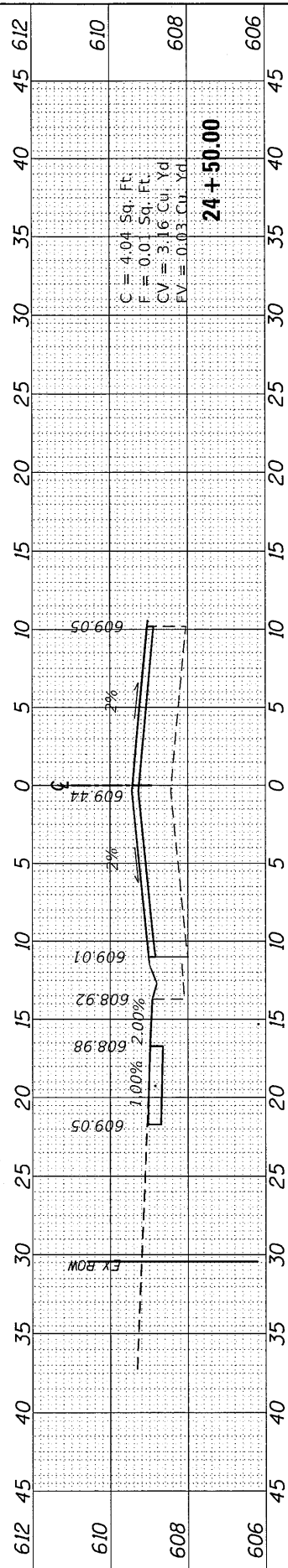
C = 4.96 Sq. Ft.  
 F = 0.00 Sq. Ft.  
 CV = 2.57 Cu. Yd.  
 FV = 0.01 Cu. Yd.  
**25 + 50.00**



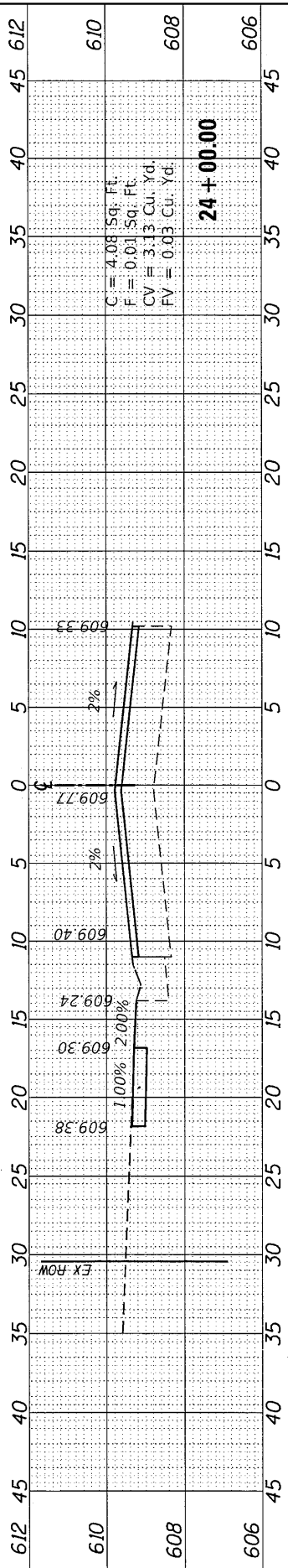
C = 12.47 Sq. Ft.  
 F = 0.03 Sq. Ft.  
 CV = 1.45 Cu. Yd.  
 FV = 0.03 Cu. Yd.  
**25 + 21.00**  
**ENTRANCE**



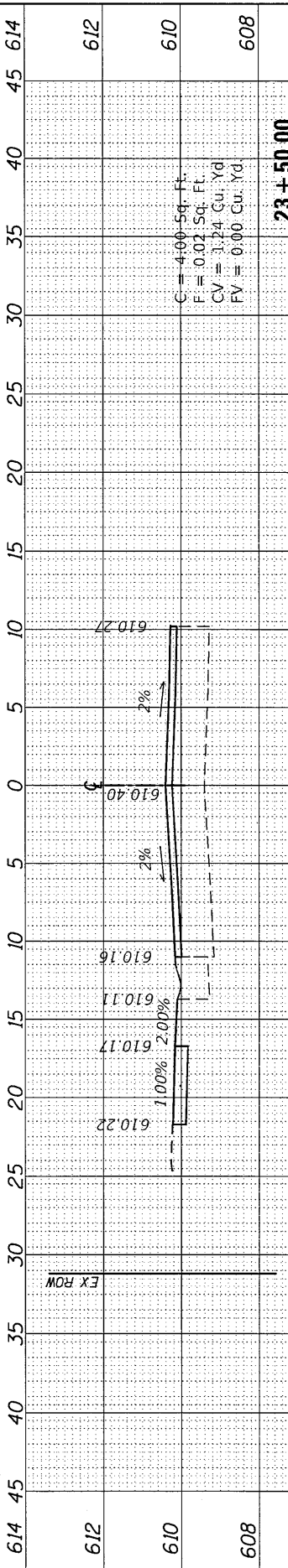
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 F = 0.03 Sq. Ft.  
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 FV = 0.06 Cu. Yd.  
**25 + 00.00**



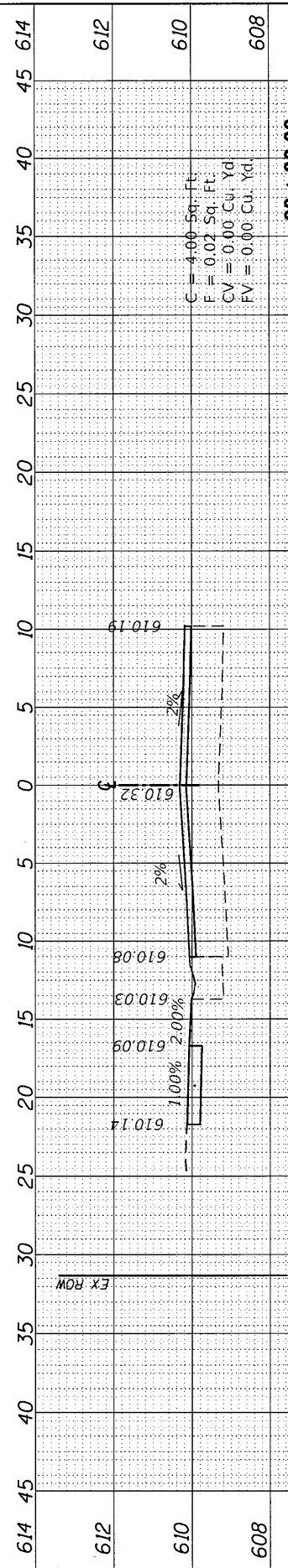
C = 4.04 Sq. Ft.  
 F = 0.01 Sq. Ft.  
 CV = 3.16 Cu. Yd.  
 FV = 0.03 Cu. Yd.  
**24 + 50.00**



C = 4.08 Sq. Ft.  
 F = 0.01 Sq. Ft.  
 CV = 3.13 Cu. Yd.  
 FV = 0.03 Cu. Yd.  
**24 + 00.00**



C = 4.00 Sq. Ft.  
 F = 0.02 Sq. Ft.  
 CV = 3.24 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**23 + 50.00**



C = 4.00 Sq. Ft.  
 F = 0.02 Sq. Ft.  
 CV = 0.00 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**23 + 30.00**

USER NAME = cvlcox
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA. 25+30.00 TO STA. 25+50.00
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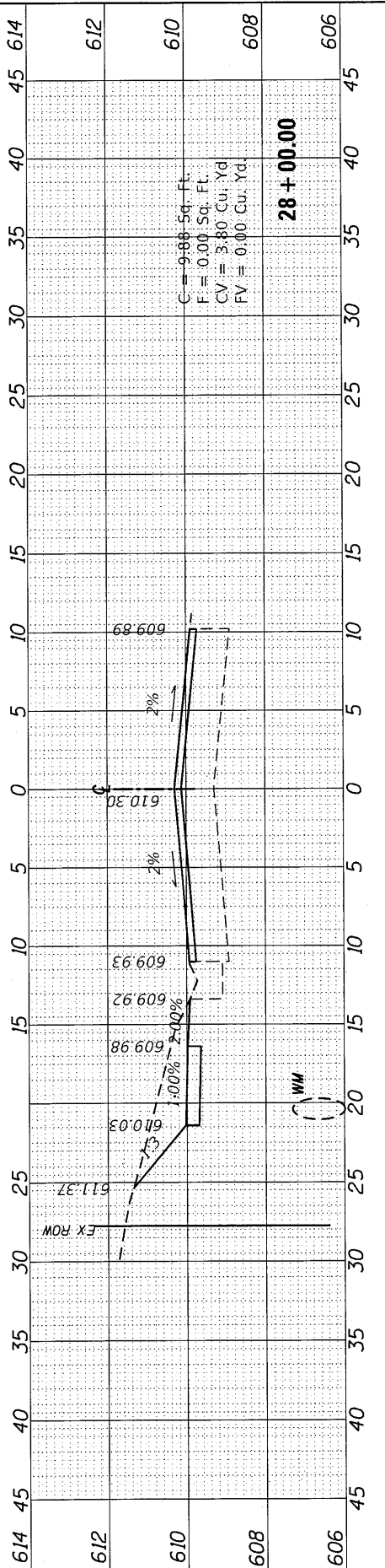
CROSS SECTIONS  
 PEARL STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00032-00-R5	MADISON	26	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97678	

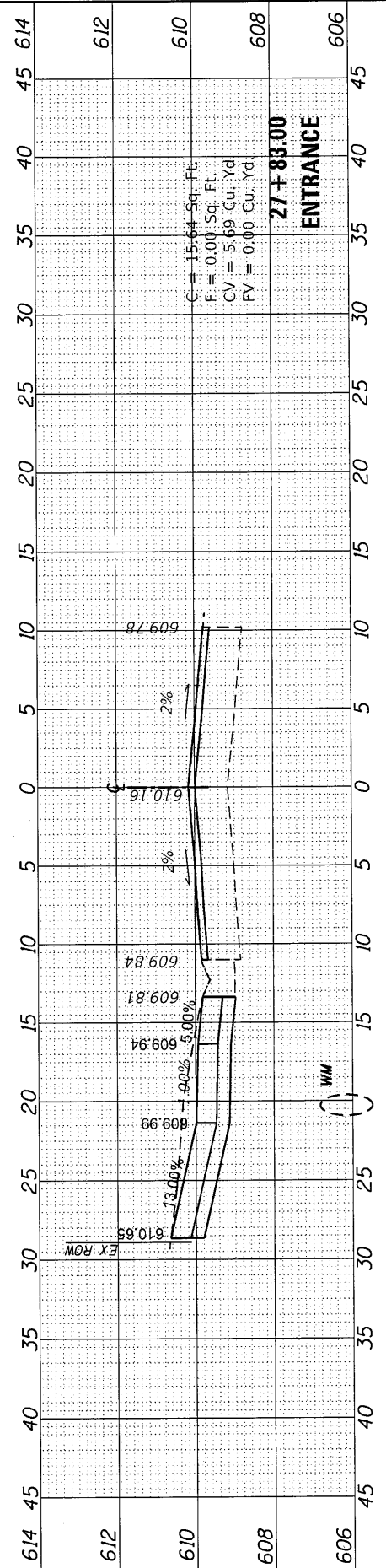
FINAL SURVEY	DATE
SHRIMPED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SHRIMPED	
NOTE BOOK	
AREAS CHECKED	

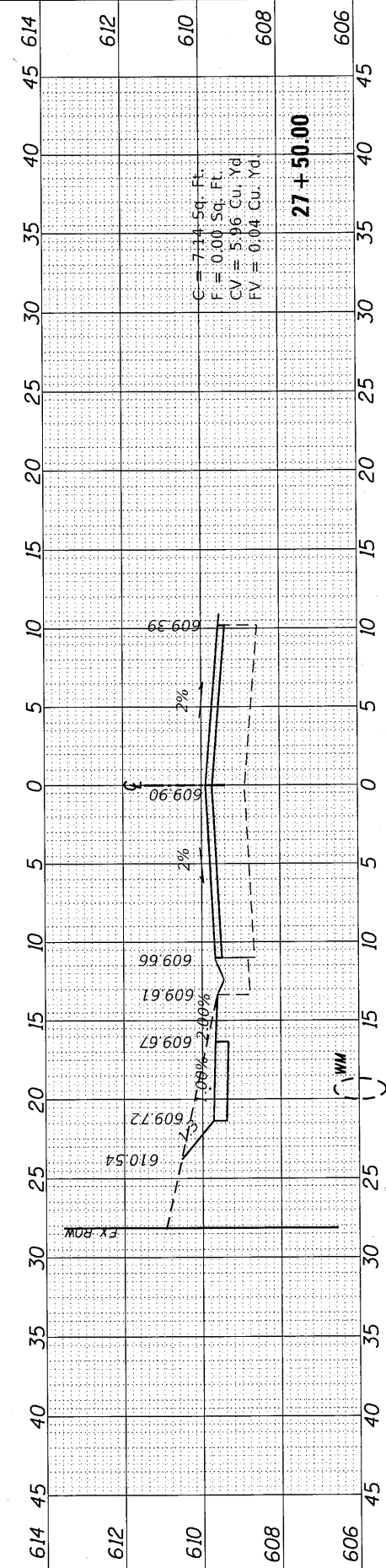
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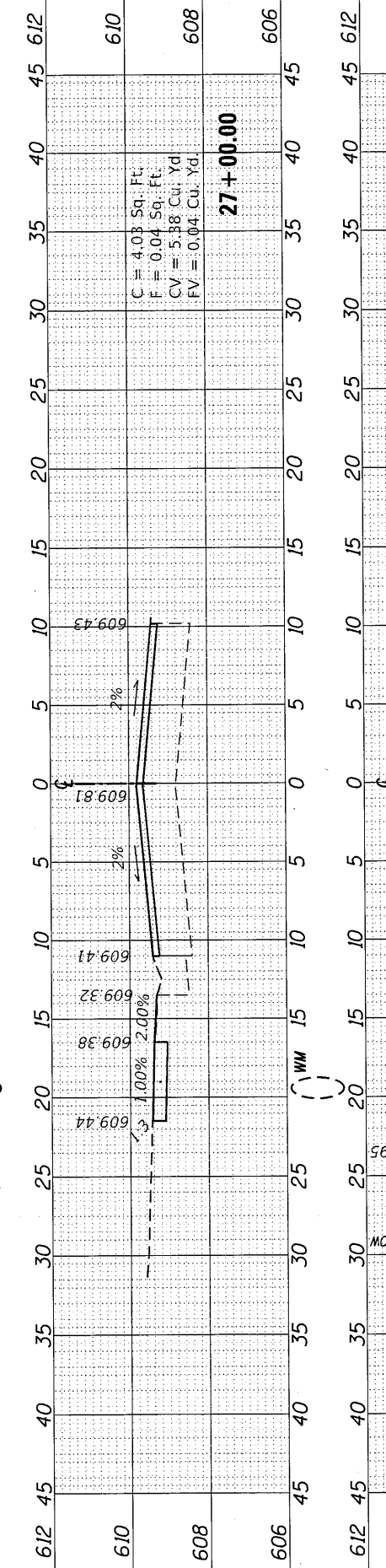
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 CV = 3.80 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**28 + 00.00**



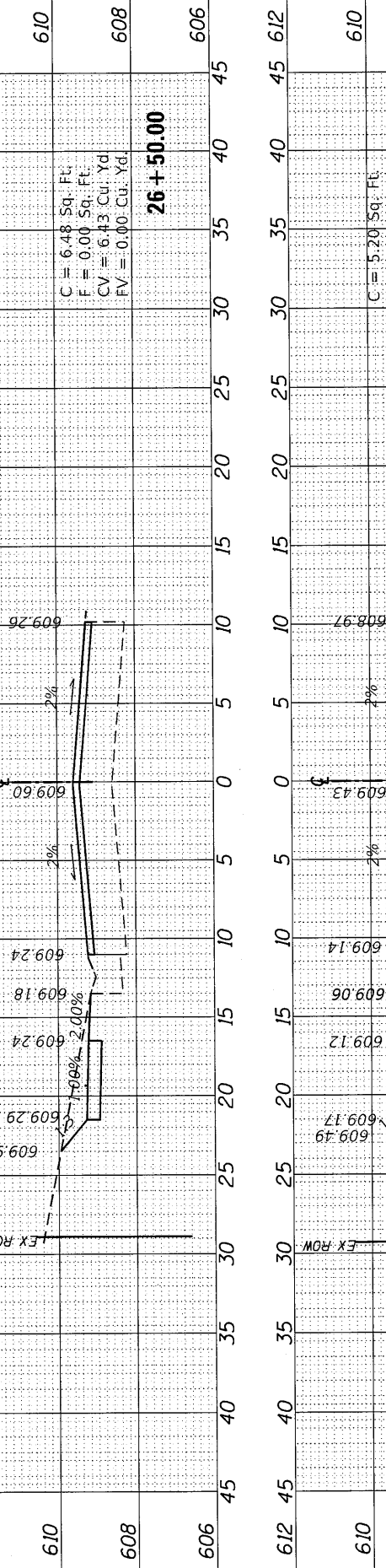
C = 15.64 Sq. Ft.  
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 CV = 5.69 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**27 + 83.00**  
**ENTRANCE**



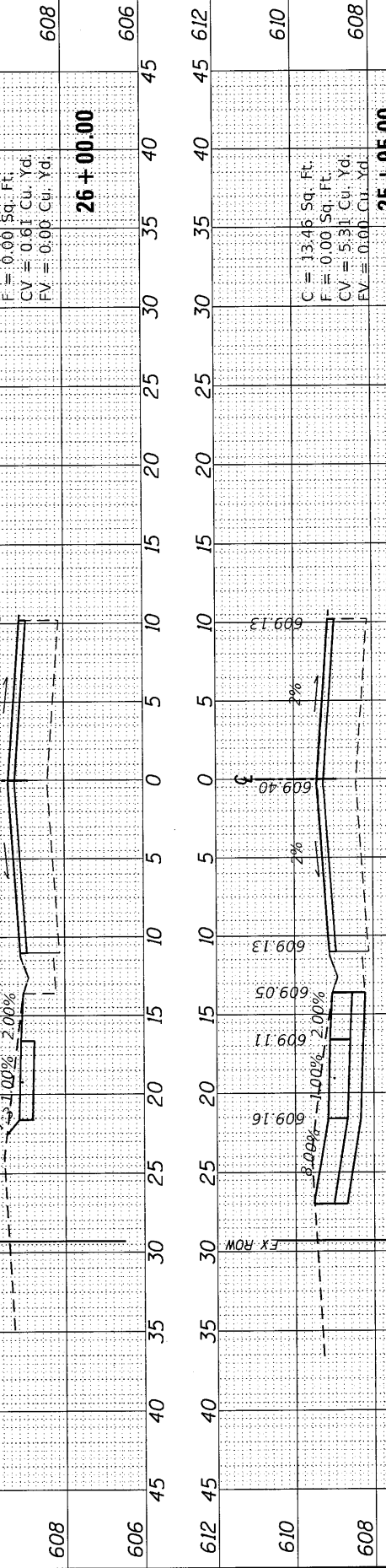
C = 7.14 Sq. Ft.  
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 CV = 5.36 Cu. Yd.  
 FV = 0.04 Cu. Yd.  
**27 + 50.00**



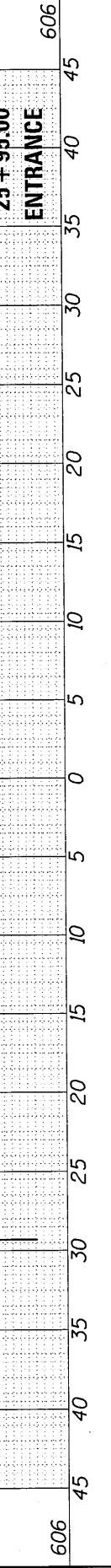
C = 4.03 Sq. Ft.  
 F = 0.04 Sq. Ft.  
 CV = 5.88 Cu. Yd.  
 FV = 0.04 Cu. Yd.  
**27 + 00.00**



C = 6.48 Sq. Ft.  
 F = 0.00 Sq. Ft.  
 CV = 6.43 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**26 + 50.00**



C = 5.20 Sq. Ft.  
 F = 0.00 Sq. Ft.  
 CV = 0.81 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**26 + 00.00**



C = 13.46 Sq. Ft.  
 F = 0.00 Sq. Ft.  
 CV = 5.31 Cu. Yd.  
 FV = 0.00 Cu. Yd.  
**25 + 95.00**  
**ENTRANCE**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

USER NAME = cwilcox	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/20/2020	CHECKED -	REVISED -
	DATE -	REVISED -

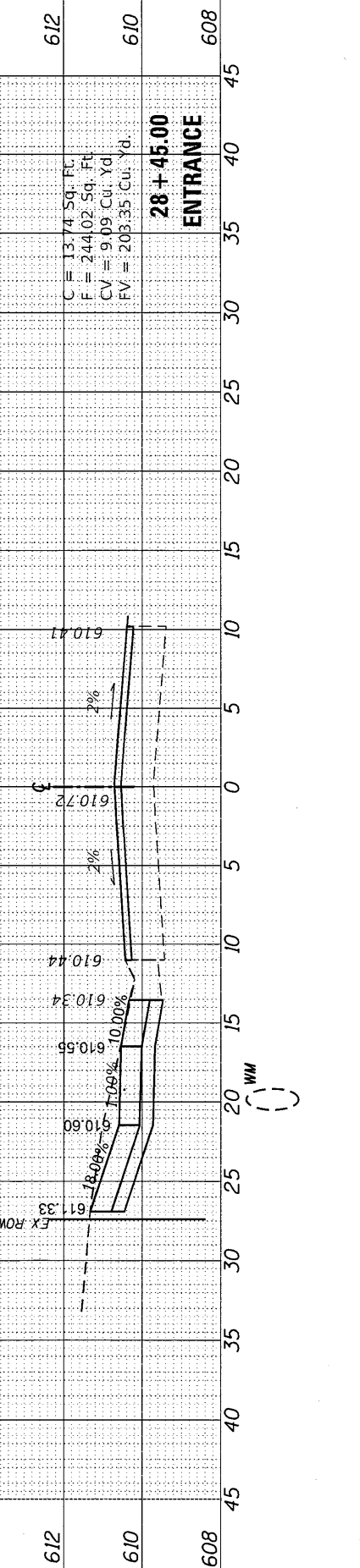
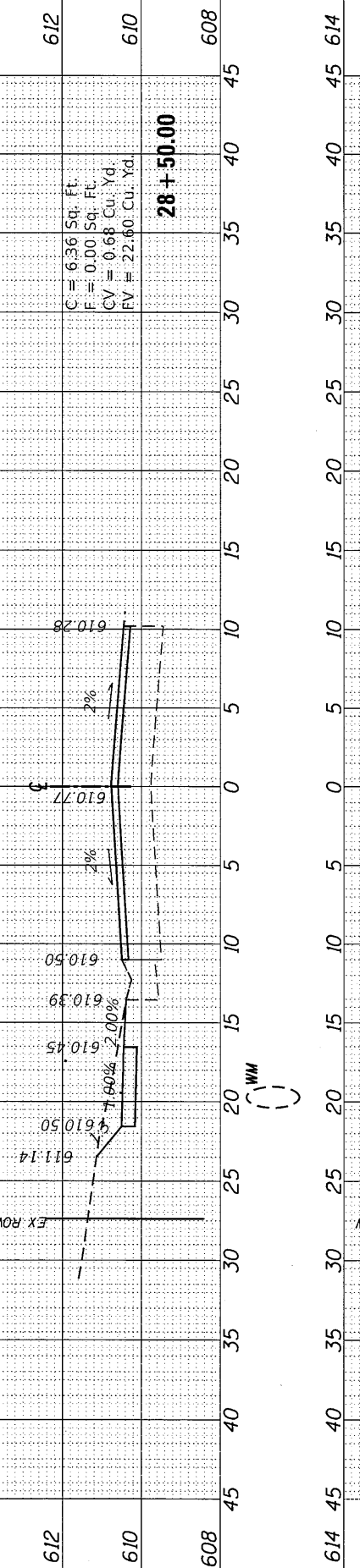
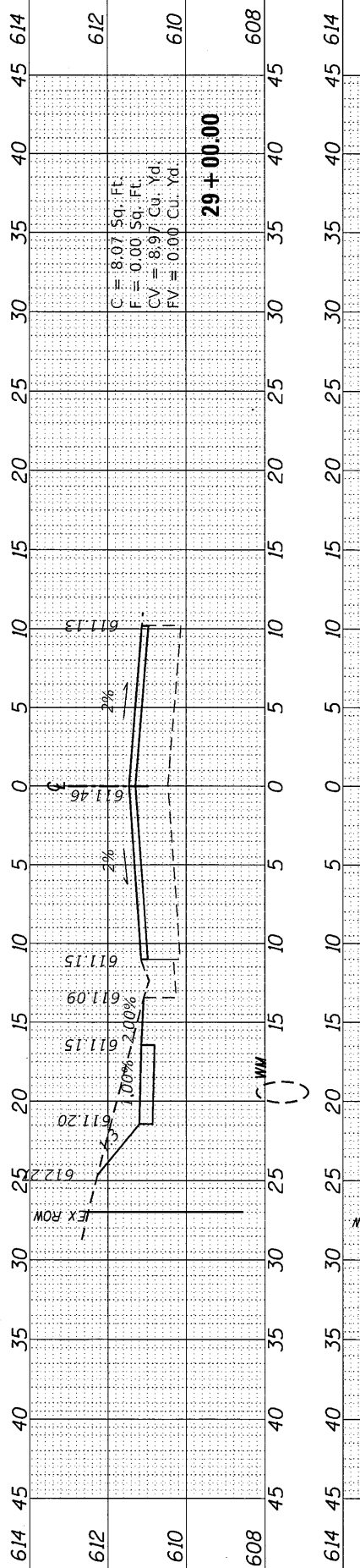
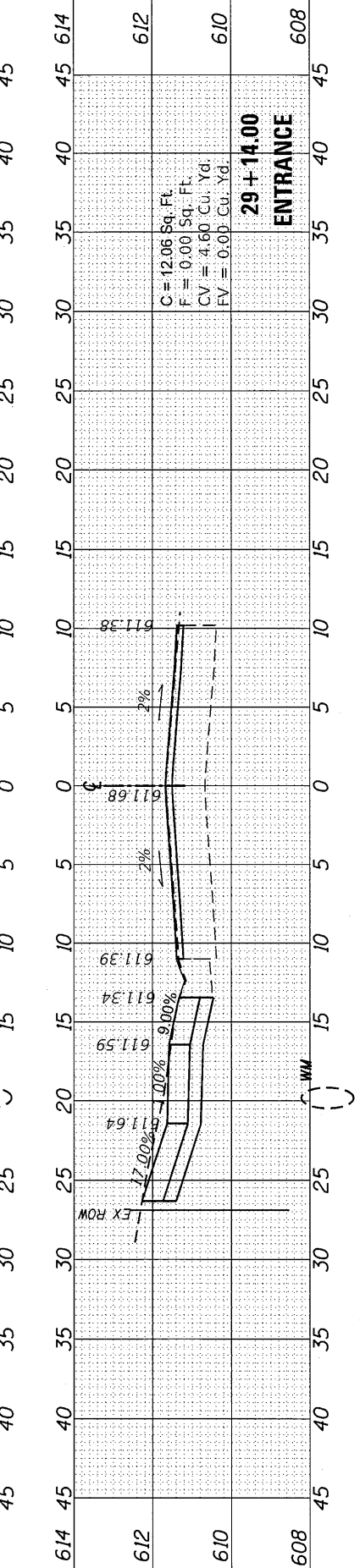
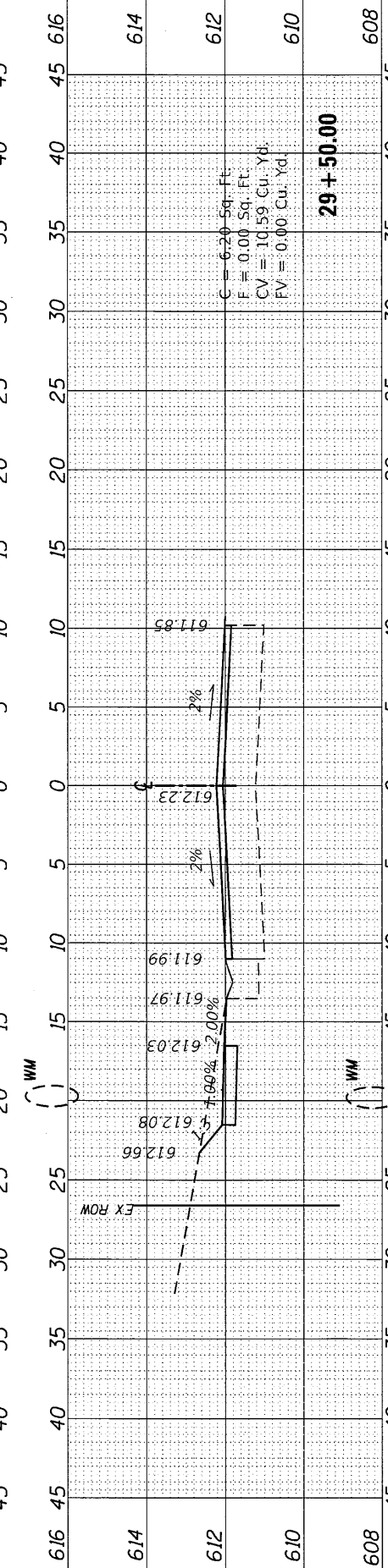
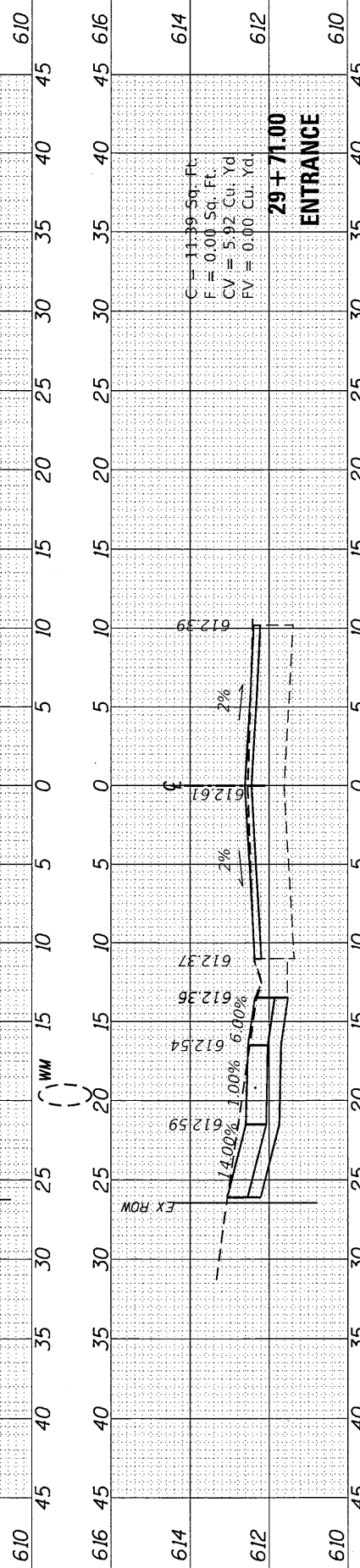
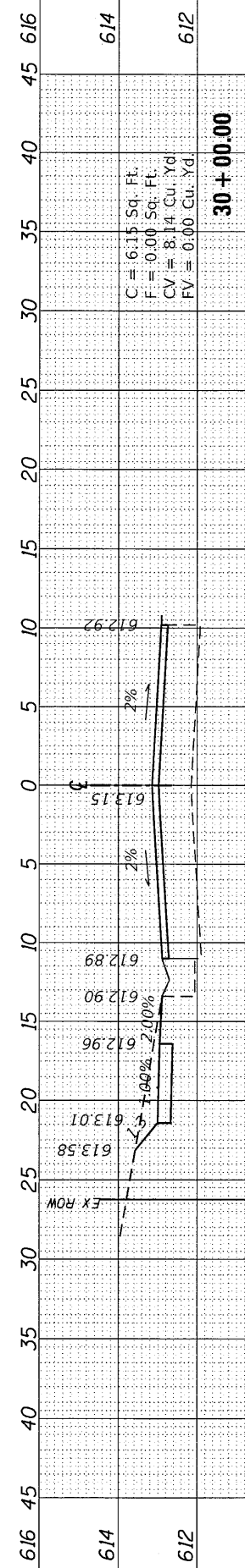
CROSS SECTIONS	TOTAL SHEETS	SHEET NO.
PEARL STREET	26	22
SCALE:	SHEET OF SHEETS STA. 25+95.00 TO STA. 28+45.00	

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
	16-00032-00-RS	MADISON	97678
	ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	BY
PROBABLE	
REVISIONS	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PROBABLE	
REVISIONS	
NOTE BOOK	
AREAS CHECKED	

MODEL: P:\P\A\1  
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USER NAME = cvilcox	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/20/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 PEARL STREET

SCALE: SHEET OF SHEETS STA. 28+45.00 TO STA. 30+00.00

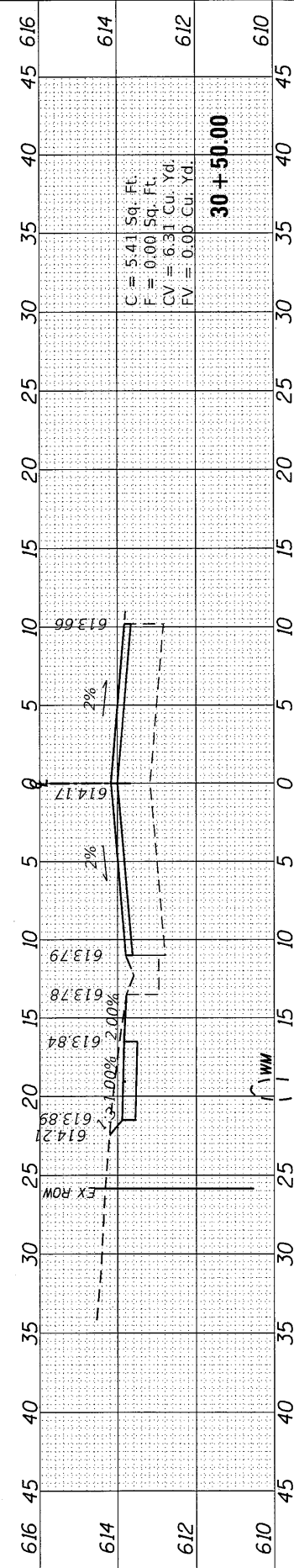
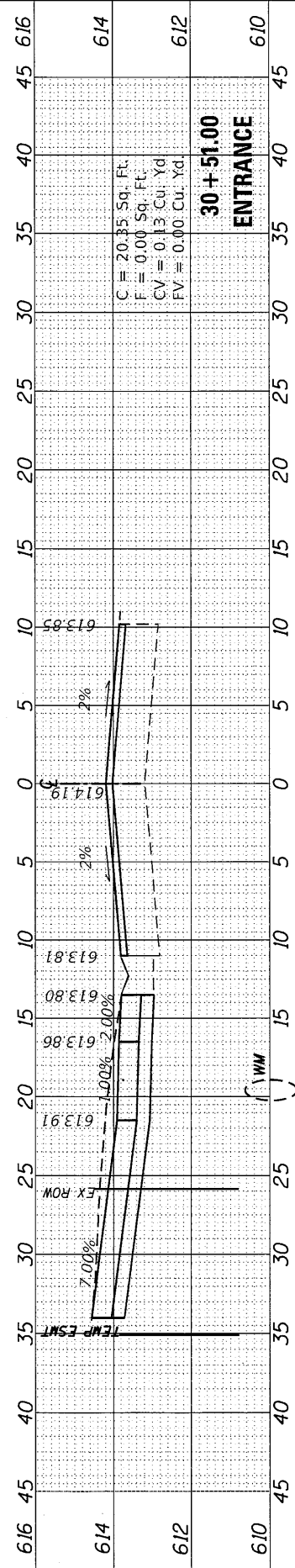
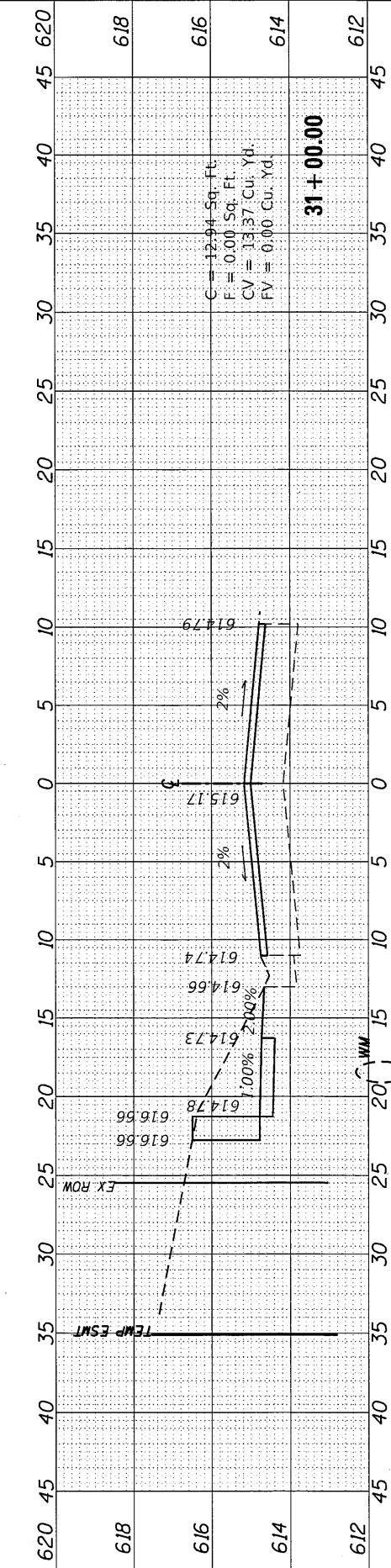
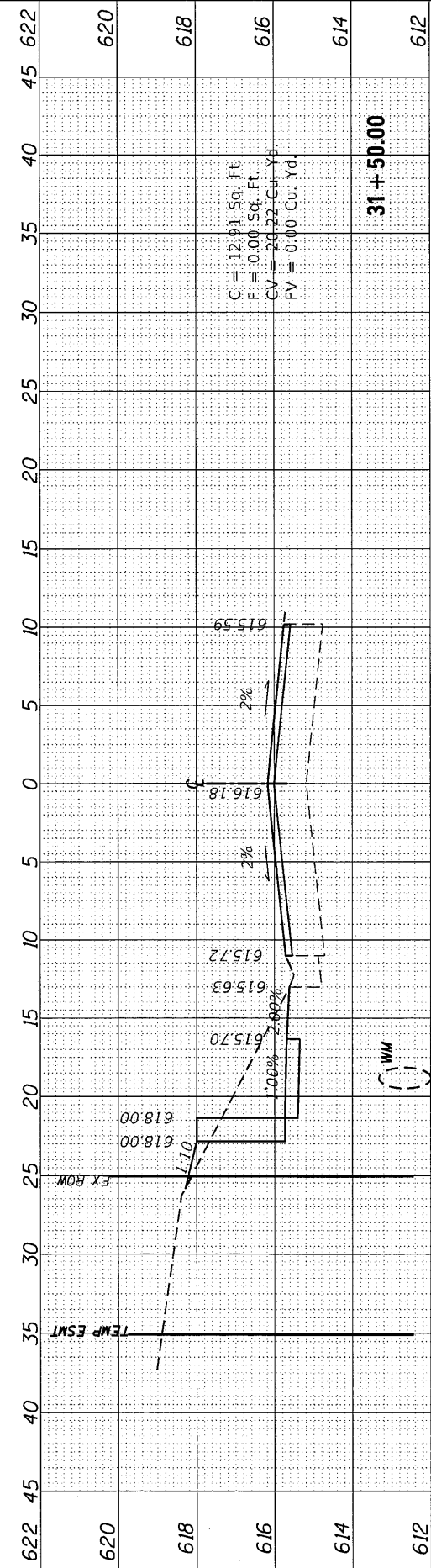
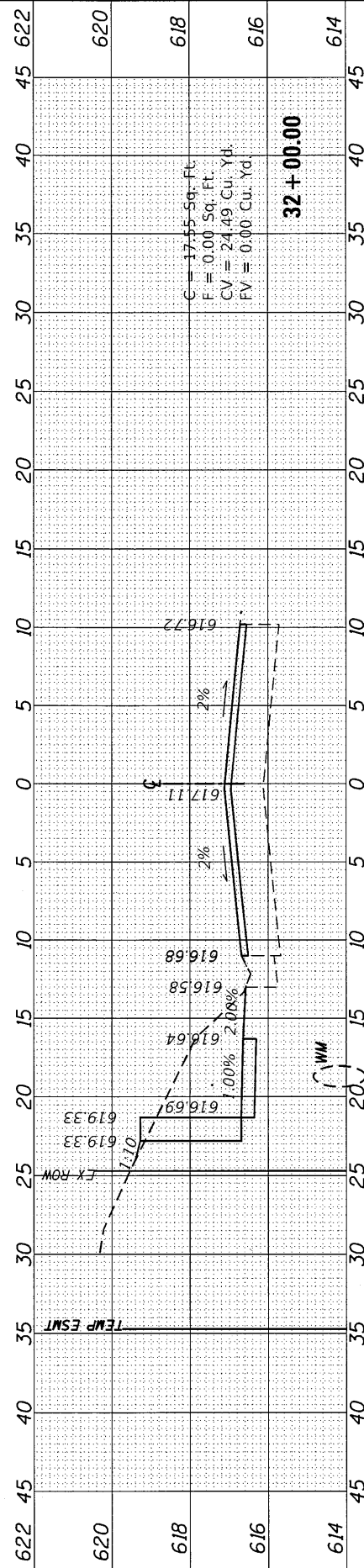
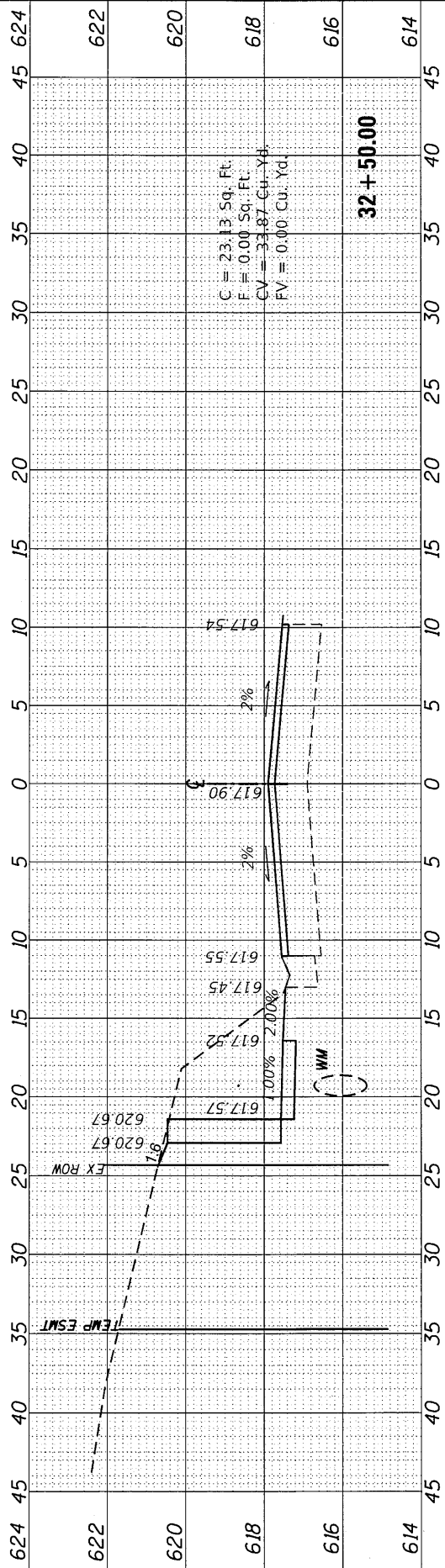
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00032-00-RS	MADISON	26	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97678	



FINAL SURVEY	BY	DATE
NO. _____	_____	_____
REVISIONS		
DATE		
BY		
NO.		

ORIGINAL SURVEY	BY	DATE
NO. _____	_____	_____
REVISIONS		
DATE		
BY		
NO.		

MODEL: PPR\PART 1  
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USER NAME = cvlcox
PLOT SCALE = 10,000' / in.
PLOT DATE = 2/20/2020

DESIGNED -	REVISIONS -
DRAWN -	REVISIONS -
CHECKED -	REVISIONS -
DATE -	REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
PEARL STREET

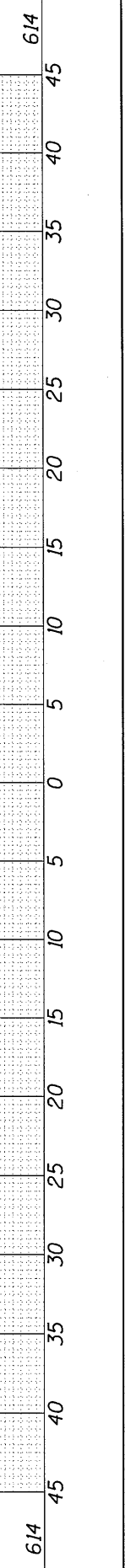
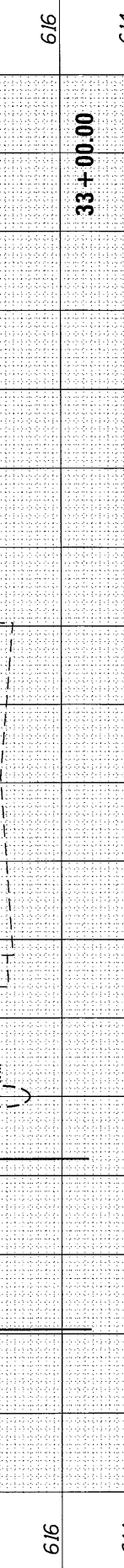
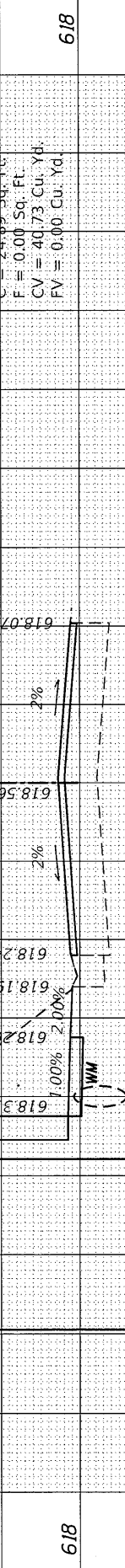
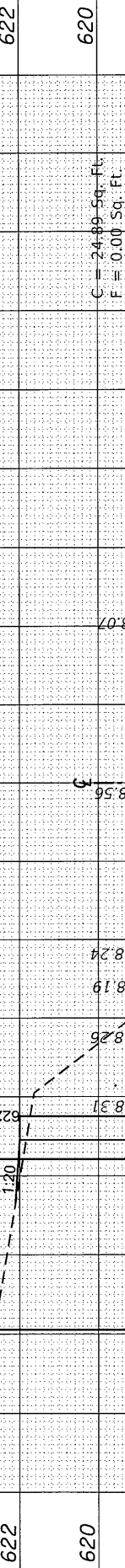
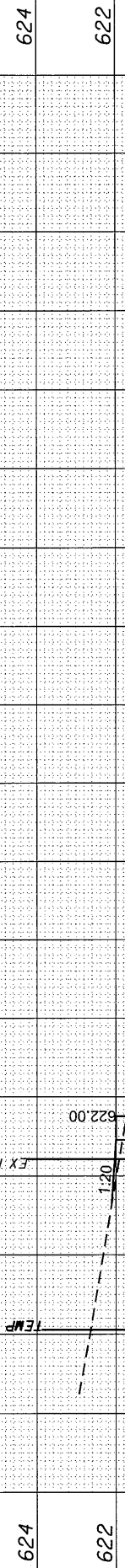
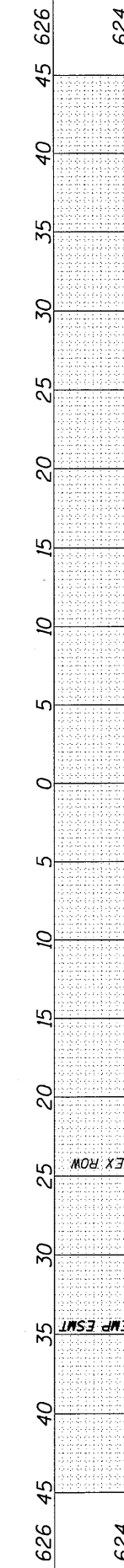
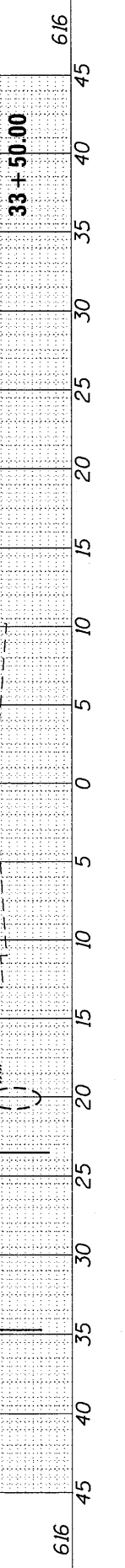
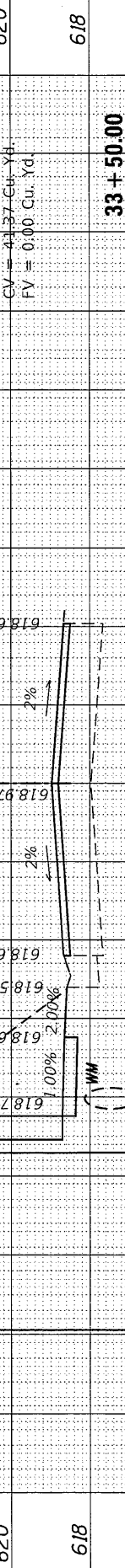
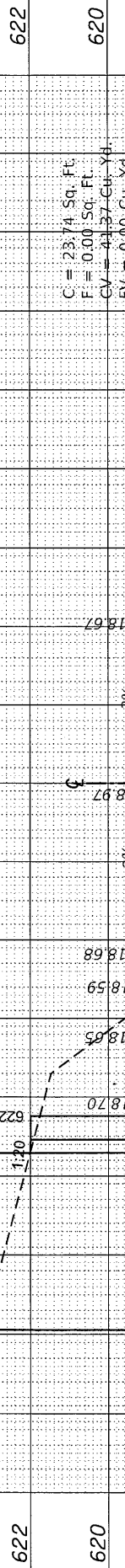
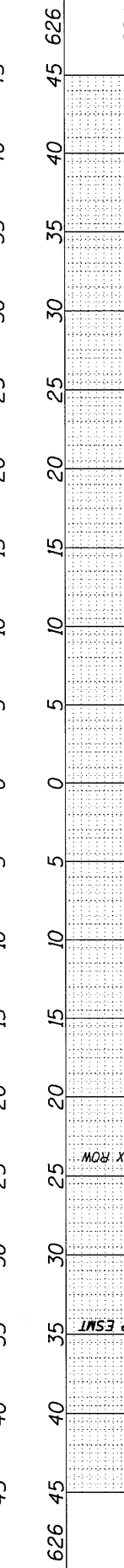
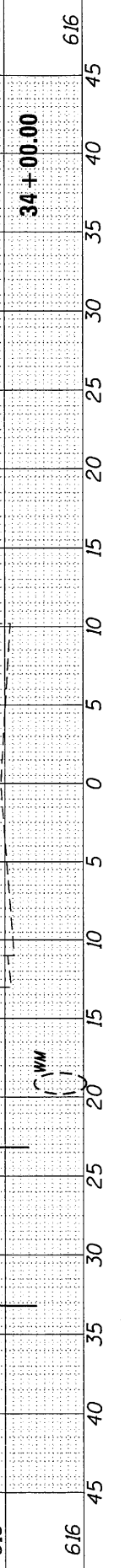
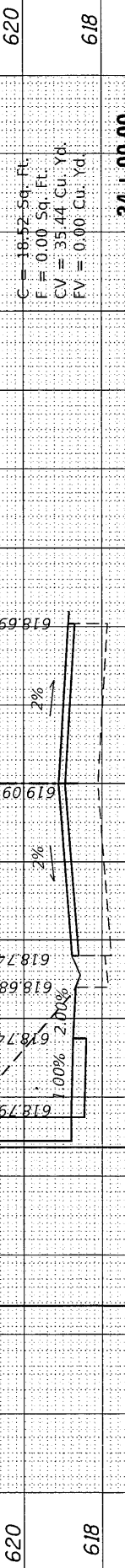
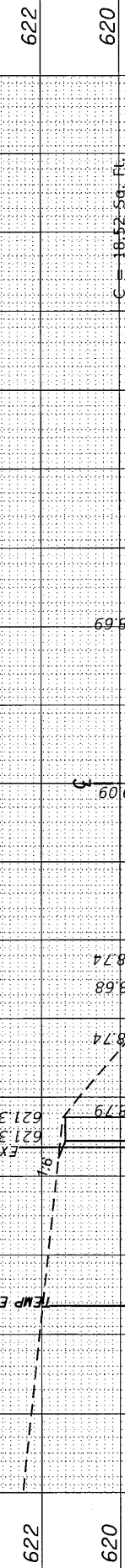
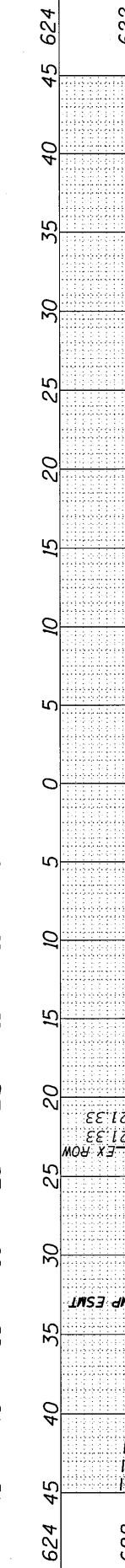
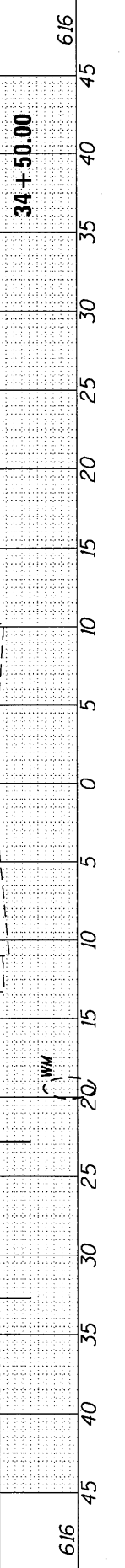
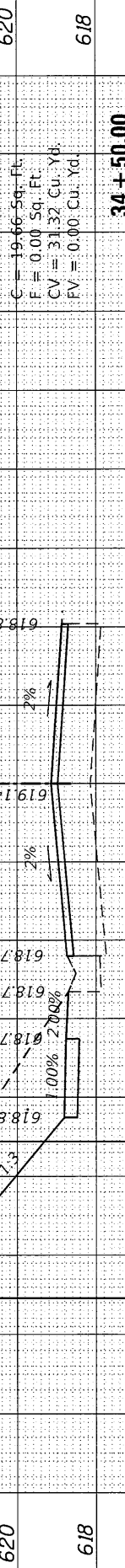
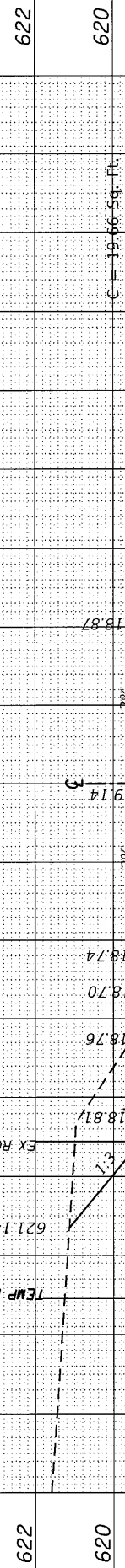
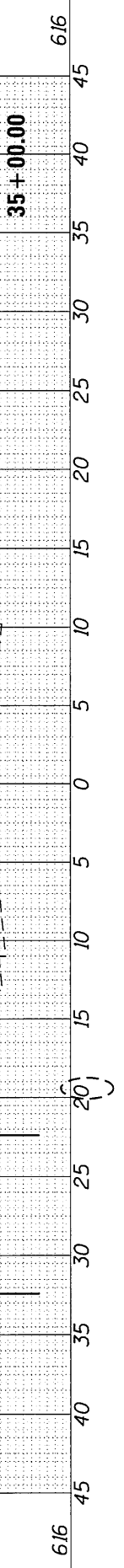
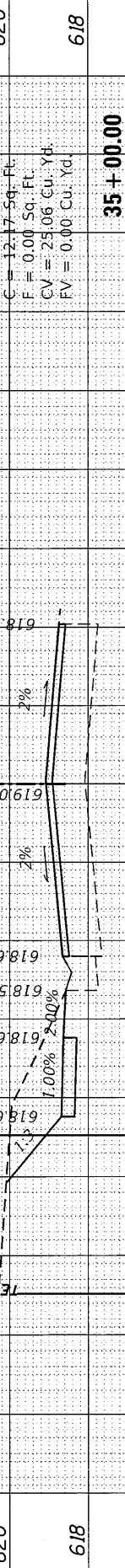
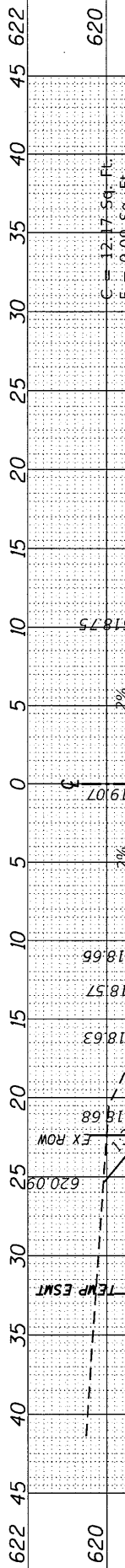
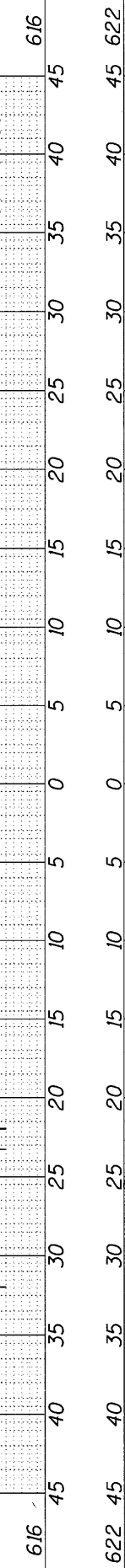
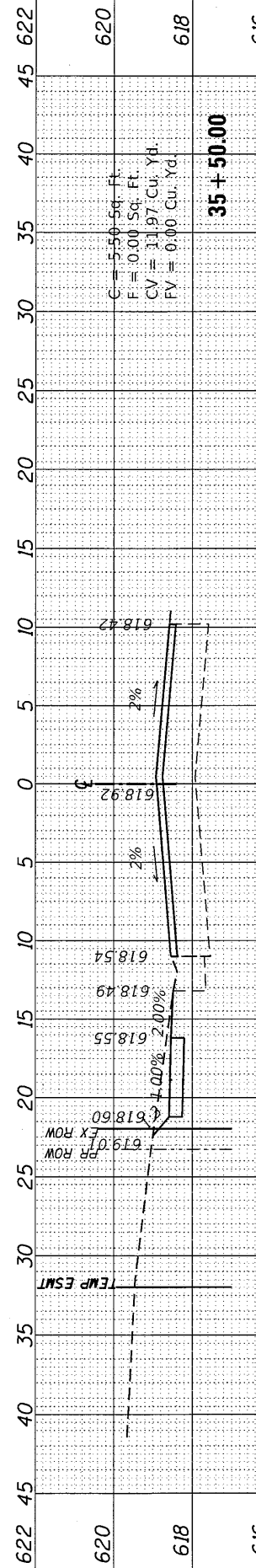
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00032-00-RS	MADISON	26	24
CONTRACT NO. 97678			ILLINOIS FED. AID PROJECT	

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

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

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DRAWN	-
CHECKED	-
DATE	= 2/20/2020

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 PEARL STREET

SCALE: SHEET OF SHEETS STA. 33+00.00 TO STA. 35+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00032-00-RS	MADISON	26	25
				CONTRACT NO. 97678
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
BY	
SURVEYED FROM DATE	
NOTE BOOK NO.	
AREAS CHECKED	
AREAS CHECKED	

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

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 PEARL STREET**

SCALE: SHEET OF SHEETS STA. 35+59.00 TO STA. 37+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16-00032-00-R5	MADISON	26	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97678	

