

ROUTE NO. FAU 6679	SECTION 09-00066-01-SW	COUNTY PEORIA	TOTAL SHEETS 34	SHEET NO. 1
FEDERAL ROAD DIST NO.		ILLINOIS	CONTRACT NO. 89563	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
PFEIFFER ROAD SIDEWALK IMPROVEMENTS**
AIRPORT ROAD TO RICKETT'S AVE

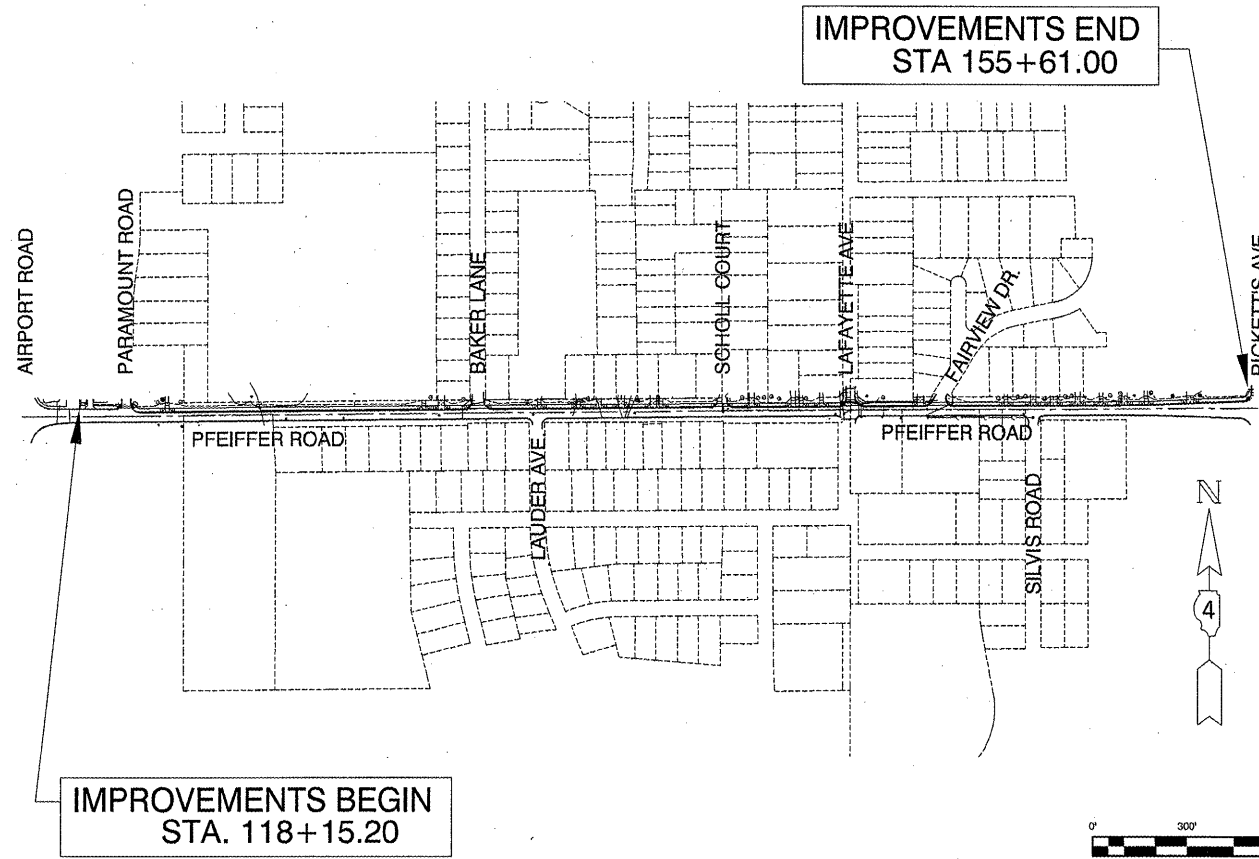
VILLAGE OF BARTONVILLE
LIMESTONE TOWNSHIP
COUNTY OF PEORIA, ILLINOIS
F.A.U. 6679

PROJECT NO. HD-ARA-00D4 (103)
SECTION NO. 09-00066-01-SW
JOB NO. C-94-032-10
CATALOG NO. 034352-00D

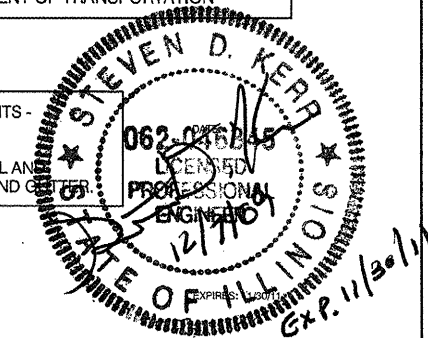


LOCATION OF PROPOSED IMPROVEMENT

AGENCY RESPONSIBLE FOR LETTING	
APPROVED 12/7/09	20 09
<i>Sharon Wolf</i> LOCAL AGENCY REPRESENTATIVE	
PASSED 12-10	20 09
<i>W. C. Orr</i> DISTRICT 4 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW <i>Dec 10</i> , 20 09	
<i>John</i> DEPUTY DIRECTOR OF HIGHWAYS REGION THREE ENGINEER	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	



PFEIFFER ROAD SIDEWALK IMPROVEMENTS -
AIRPORT ROAD TO RICKETT'S AVE.
PAVEMENT, CURB AND GUTTER REMOVAL AND
REPLACEMENT WITH SIDEWALK, CURB AND GUTTER



INDEX OF SHEETS

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- 25-34 04 Details

HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATION AND PATTERNS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 602401-02 MANHOLE TYPE A
- 602406-03 MANHOLE TYPE A 6' DIAMETER
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE
CURB AND GUTTER
- 664001-02 CHAIN LINK FENCE
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR
SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 720006-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POST FOR SIGNS, MARKERS AND
DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A & B METAL
POSTS

VILLAGE OF BARTONVILLE
COUNTY OF PEORIA, ILLINOIS
NET LENGTH OF IMPROVEMENT 3,745.8 FEET OF 0.71 MILES
FUNCTIONAL CLASSIFICATION: URBAN TWO-LANE

CALL JULIE 1-800-892-0123 48 HOURS BEFORE YOU DIG
EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS

CONTRACT NO. 89563

PEORIA COUNTY SECTION NO. 09-00066-01-SW

M MOHR & KERR ENGINEERING & LAND SURVEYING, P.C.
7336 N. University Ave. Office: (309) 692-8500
Peoria, Illinois 61614 Fax: (309) 692-8501
www.mohrandkerr.com Professional Design Firm #184.005091

EARTHWORK SUMMARY

EARTH EXCAVATION 319 C.Y.*
 EMBANKMENT 25 C.Y.**
 294 C.Y.

* EARTH EXCAVATION QUANTITIES FROM CROSS SECTIONS

** INCLUDES 20% SHRINKAGE FACTOR

AGGREGATE BASE COURSE, TYPE B

LT. STA. 119+15.20 TO LT. STA. 155+61.00 3,400 TON*

* AGGREGATE BASE COURSE QUANTITY FROM CROSS SECTIONS
 1660 C.Y. AT 2.05 TON/CY

MAILBOX REMOVAL AND RELOCATION

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 121+18.5	1 EA.
LT. STA. 129+88.0	1
LT. STA. 132+95.5	1
LT. STA. 134+18.0	1
LT. STA. 134+84.0	1
LT. STA. 135+63.0	1
LT. STA. 136+30.0	1
LT. STA. 136+80.6	1
LT. STA. 139+75.9	1
LT. STA. 140+78.6	1
LT. STA. 141+70.0	1
LT. STA. 146+00.5	1
LT. STA. 147+63.8	1
LT. STA. 148+45.6	1
LT. STA. 149+12.4	1
LT. STA. 149+92.2	1
LT. STA. 150+67.7	1
LT. STA. 151+40.6	1
LT. STA. 152+14.7	1
LT. STA. 153+80.1	1
PROJECT TOTAL	20 EA.

STORM SEWER

REMOVING INLETS

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 123+88	1 EACH
LT. STA. 130+34	1
LT. STA. 131+03	1
LT. STA. 143+83	1
LT. STA. 146+05	1
PROJECT TOTAL	5 EACH

STORM SEWER REMOVAL, 15"

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 143+83	10.5 FT
PROJECT TOTAL	10.5 FT

MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 142+43	1 EACH
PROJECT TOTAL	1 EACH

MANHOLE, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 146+04	1 EACH
PROJECT TOTAL	1 EACH

MANHOLE, TYPE A, 6' DIA, TYPE 1 FRAME, CLOSED LID

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 123+88	1 EACH
LT. STA. 130+35	1
PROJECT TOTAL	2 EACH

CONTROLLED LOW STRENGTH MATERIAL

LOCATION	ITEM	CY/LE	CY/DEPTH	LE	DEPTH	CY OF CLSM
LT. 123+88	MANHOLE, 6' DIA.		2.7		11.0	29.7
LT. 123+88	STORM SEWER, 18"	0.3		6	3.5	1.8
LT. 123+91.5	INLET G-1, DOUBLE		3.1		3.5	10.9
LT. 130+35	MANHOLE, 6' DIA.		2.7		3.7	10.0
LT. 130+64	INLET G-1, DOUBLE		3.1		2.2	6.8
LT. 131+00	INLET G-1		1.7		2.3	3.9
LT. 142+43.5	INLET MANHOLE, 5' DIA.		2.3		9.0	20.7
LT. 142+61.5	INLET G-1		1.7		2.5	4.3
LT. 142+52	STORM SEWER, 18"	0.2		14	2.5	2.8
LT. 143+83	INLET G-1, DOUBLE		3.1		2.9	9.0
LT. 143+83	STORM SEWER REMOVAL, 15"	0.4		10.5	3.0	4.2
LT. 145+80	INLET G-1, DOUBLE		3.1		3.6	11.2
LT. 145+84	STORM SEWER, 18"	0.3		18	3.6	5.4
LT. 146+04	MANHOLE, 5' DIA.		2.3		6.7	15.4
PROJECT TOTALS						136.0

INLETS, TYPE G-1

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 142+61.5	1 EACH
PROJECT TOTAL	1 EACH

INLETS, TYPE G-1, SPECIAL

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 131+00	1 EACH
PROJECT TOTAL	1 EACH

INLET-MANHOLE, TYPE G-1, 5' DIA.

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 142+43.5	1 EACH
PROJECT TOTAL	1 EACH

INLETS, TYPE G-1, DOUBLE (SPECIAL)

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 123+91.5	1 EACH
LT. STA. 130+64	1 EACH
LT. STA. 143+83	1 EACH
LT. STA. 145+80	1 EACH
PROJECT TOTAL	4 EACH

STORM SEWER, CLASS A, TYPE 2, 18"

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 123+88	6 FT
LT. STA. 142+52	14 FT
LT. STA. 145+84	18 FT
PROJECT TOTAL	38 FT

DRIVEWAY SCHEDULE

LOCATION	DRIVEWAY PAVEMENT REMOVAL (S.Y.)	P.C.C. DRIVEWAY PAVEMENT, 6" (S.Y.)
PFEIFFER ROAD		
LT. STA. 120+95	22	83
LT. STA. 129+12	19	83
LT. STA. 129+69	46	111
LT. STA. 132+80	24	83
LT. STA. 134+06	0	83
LT. STA. 134+71	34	97
LT. STA. 135+43	21	110
LT. STA. 136+45.86	40	92
LT. STA. 136+70.68	21	68
LT. STA. 139+59.01	0	96
LT. STA. 140+92.21	31	80
LT. STA. 141+19.03	0	71
LT. STA. 141+84.03	24	83
LT. STA. 145+00.31	41	93
LT. STA. 147+76.45	0	82
LT. STA. 148+64.30	0	97
LT. STA. 149+30.00	48	118
LT. STA. 150+06.70	35	94
LT. STA. 150+80.80	22	81
LT. STA. 151+55.90	38	99
LT. STA. 152+25.32	22	80
LT. STA. 153+65.46	31	101
PROJECT TOTALS	519 S.Y.	1985 S.Y.

TEMPORARY EROSION CONTROL ITEMS

INLET PIPE PROTECTION		INLET FILTER	
LOCATION	QUANTITY	LOCATION	QUANTITY
LT. STA. 123+88	1 EA.	LT. STA. 123+88	2 EA.
LT. STA. 130+33	1	LT. STA. 130+63	2
LT. STA. 131+03	1	LT. STA. 131+03	1
LT. STA. 142+43, 25'	1	LT. STA. 142+43, 12'	1
LT. STA. 143+83	1	LT. STA. 142+61.5	1
LT. STA. 146+06	1	LT. STA. 143+83	1
PROJECT TOTAL	6 EA.	LT. STA. 145+80	2
		PROJECT TOTAL	10 EA.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	4
FEDERAL ROAD DIST NO.		ILLINOIS	CONTRACT NO. 69693	

CURB & GUTTER REMOVAL

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 119+36 TO LT. STA. 119+48.3	18
LT. STA. 119+79.3 TO LT. STA. 130+65.6	1109
LT. STA. 131+00.3 TO LT. STA. 138+48.8	771
LT. STA. 138+79.4 TO LT. STA. 142+62.4	414
LT. STA. 142+90.0 TO LT. STA. 145+40.6	269
LT. STA. 145+84.7 TO LT. STA. 155+62.7	1015
PROJECT TOTAL	3596

**COMB. CONCRETE CURB & GUTTER
TYPE B-6.12**

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 119+36 TO LT. STA. 119+48	19
LT. STA. 119+77.9 TO LT. STA. 123+81.9	422
LT. STA. 124+01.9 TO LT. STA. 130+61.2	663
LT. STA. 130+66.4 TO LT. STA. 130+66.4	2
LT. STA. 131+02.7 TO LT. STA. 138+49.10	773
LT. STA. 138+78.4 TO LT. STA. 142+36.9	378
LT. STA. 142+49.8 TO LT. STA. 142+57.0	9
LT. STA. 142+63.1 TO LT. STA. 142+63.9	23
LT. STA. 142+89.9 TO LT. STA. 143+76.4	114
LT. STA. 143+96.4 TO LT. STA. 145+40.6	152
LT. STA. 145+84.7 TO LT. STA. 145+80.1	9
LT. STA. 145+82.9 TO LT. STA. 155+62.7	1010
PROJECT TOTAL	3574

PAVEMENT REMOVAL

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 119+79 TO LT. STA. 130+66	1296 S.Y.
LT. STA. 131+00 TO LT. STA. 138+49	920
LT. STA. 138+78.4 TO LT. STA. 142+63.9	477
LT. STA. 142+90 TO STA. 145+40.6	286
LT. STA. 145+85 TO STA. 155+63	1127
PROJECT TOTAL	4106 S.Y.

P.C.C SIDEWALK, 4"

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 118+15.20 TO LT. STA. 118+35.4	59 S.F.
LT. STA. 118+59.60 TO LT. STA. 119+42.7	798
LT. STA. 119+79.7 TO LT. STA. 120+73.0	1019
LT. STA. 121+17.1 TO LT. STA. 128+89.9	7729
LT. STA. 129+33.9 TO LT. STA. 129+41.1	72
LT. STA. 129+93.5 TO LT. STA. 130+55.0	615
LT. STA. 131+11.4 TO LT. STA. 132+58.0	1462
LT. STA. 133+02.0 TO LT. STA. 133+84.3	823
LT. STA. 134+28.3 TO LT. STA. 134+47.3	190
LT. STA. 134+95.5 TO LT. STA. 135+17.1	216
LT. STA. 135+69.1 TO LT. STA. 136+20.4	513
LT. STA. 136+92.7 TO LT. STA. 138+42.9	322
LT. STA. 138+84.2 TO LT. STA. 139+35.1	505
LT. STA. 139+82.9 TO LT. STA. 140+68.9	860
LT. STA. 141+41.0 TO LT. STA. 141+62.0	210
LT. STA. 142+06.0 TO LT. STA. 142+61.8	747
LT. STA. 142+92.6 TO LT. STA. 144+74.9	2003
LT. STA. 145+15.9 TO LT. STA. 145+28.7	113
LT. STA. 145+87.3 TO LT. STA. 147+54.5	1664
LT. STA. 147+98.5 TO LT. STA. 148+40.0	416
LT. STA. 148+88.6 TO LT. STA. 149+02.5	139
LT. STA. 149+57.6 TO LT. STA. 149+82.7	251
LT. STA. 150+30.7 TO LT. STA. 150+58.8	281
LT. STA. 151+02.8 TO LT. STA. 151+31.1	284
LT. STA. 151+80.7 TO LT. STA. 152+03.3	226
LT. STA. 152+47.0 TO LT. STA. 153+37.0	911
LT. STA. 153+92.2 TO LT. STA. 155+61.0	1796
PROJECT TOTAL	24224 S.F.

SIDEWALK REMOVAL

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 118+15.2 TO LT. STA. 118+35.40	99 S.F.
LT. STA. 118+59.7 TO LT. STA. 119+06	210
LT. STA. 142+36.63 TO LT. STA. 142+63.9	309
LT. STA. 142+92.64 TO LT. STA. 144+90.50	1072
LT. STA. 155+54	43
PROJECT TOTAL	1733 S.F.

PAVEMENT MARKING REMOVAL

LOCATION	QUANTITY
PFEIFFER ROAD	
CL. STA. 143+17	20 S.F.
CL. STA. 143+03 & 143+11	28

PAVEMENT MARKINGS

LOCATION	QUANTITY
THERMOPLASTIC PAVEMENT MARKINGS, LINE 24"	
PFEIFFER ROAD	
LT. STA. 119+64, 37' LT	14 FT
LT. STA. 130+83.5, 30' LT	18
LT. STA. 138+64, 30' LT	15
LT. STA. 142+75.5, 30' LT	15
CL. STA. 143+17	10
LT. STA. 145+56, 30' LT	16
PROJECT TOTAL	88 FT

DETECTABLE WARNINGS

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 119+43.0	15 S.F.
LT. STA. 119+81.5	10
LT. STA. 130+47.0	28
LT. STA. 131+20.0	28
LT. STA. 138+36.5	28
LT. STA. 139+91.0	28
LT. STA. 142+52.0	18
LT. STA. 143+04.0	36
LT. STA. 145+28.0	30
LT. STA. 145+89.0	26
LT. STA. 155+52.0	15
PROJECT TOTAL	262 S.F.

THERMOPLASTIC PAVEMENT MARKINGS, LINE 6"

LOCATION	QUANTITY
PFEIFFER ROAD	
LT. STA. 119+64, 26' & 32' LT	69 FT
LT. STA. 130+83.5, 14' & 24' LT	107
LT. STA. 138+64, 14' & 24' LT	79
LT. STA. 142+75.5, 14' & 24' LT	91
CL. STA. 143+03	31
CL. STA. 143+11	28
LT. STA. 145+56, 14' & 24' LT	112
PROJECT TOTAL	517 FT

SIGN SCHEDULE

LOCATION	SIGN	SIGN CODE	SIGN PANEL - TYPE 1 (SF)	REMOVE SIGN PANEL - TYPE 1 (SF)	RELOCATE SIGN PANEL - TYPE 1 (SF)	METAL POST - TYPE A (EACH)	METAL POST - TYPE B (EACH)
PFEIFFER ROAD							
LT. STA. 119+05	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 119+10 (3 SIGNS)	SCHOOL	S4-3			3		2
	SPEED LIMIT 20	R2-1			5		
	WHEN CHILDREN PRESENT	S4-2			4.5		
LT. STA. 120+11	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 120+62	SIGNAL AHEAD	W3-3			9	2	
LT. STA. 122+32	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 122+94	SCHOOL SPEED ZONE	NA			9		2
LT. STA. 126+52	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 128+82	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 131+82	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 134+56	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 137+73	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 139+24	SPEED LIMIT 35	R2-1	5	5			1
LT. STA. 141+06	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 142+57 (2 SIGNS)	STOP	R1-1	6.3	6.3			1
	4-WAY	R1-3	0.5	0.5			
LT. STA. 143+15 (2 SIGNS)	STOP	R1-1	6.3	6.3			1
	4-WAY	R1-3	0.5	0.5			
LT. STA. 143+62	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 144+00	SCHOOL CROSSWALK	S2-1	6.3	6.3		1	
LT. STA. 144+28	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 143+52	STOP AHEAD	W3-1	6.3	6.3			1
LT. STA. 146+07 (2 SIGNS)	NO U TURN	R3-4	4	4		1	
	NO PARKING	R7-4	1.5	1.5			
LT. STA. 147+20	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 147+99	SCHOOL SPEED LIMIT	S4-1100	8	8		2	
LT. STA. 150+38	CHILDREN PRESENT	S1-1	6.3	6.3			1
LT. STA. 150+93	NO PARKING	R7-4	1.5	1.5		1	
LT. STA. 150+93 (2 SIGNS)	SPEED LIMIT 35	R2-1			3		1
	EMERGENCY CALL 911	NA	2	2			
LT. STA. 154+13	WEIGHT LIMIT 10 TONS	R12-1			5		1
LT. STA. 154+84	NO PARKING	R7-4	1.5	1.5		1	
	TOTAL		74	74	38.5	20	11

SEEDING SCHEDULE

FERTILIZER TO BE APPLIED @ 270 LB. PER ACRE @ 1-1-1 RATIO

LOCATION	FURNISHING AND PLACING TOPSOIL, 6" (S.Y.) *	SEEDING (ACRE)	NITROGEN FERTILIZER (POUND)	PHOSPHORUS FERTILIZER (POUND)	POTASSIUM FERTILIZER (POUND)	MULCH METHOD 2 (ACRE)**
PFEIFFER ROAD						
LT. STA. 118+15.20 TO LT. STA. 155+61.00	3462	0.72	65	65	65	0.72
PROJECT TOTALS	3462 S.Y.	0.72 ACRES	65 LB.	65 LB.	65 LB.	0.72 ACRES

* 3462 S.Y. EQUATES TO 577 C.Y. OF TOPSOIL AT 6" THICK

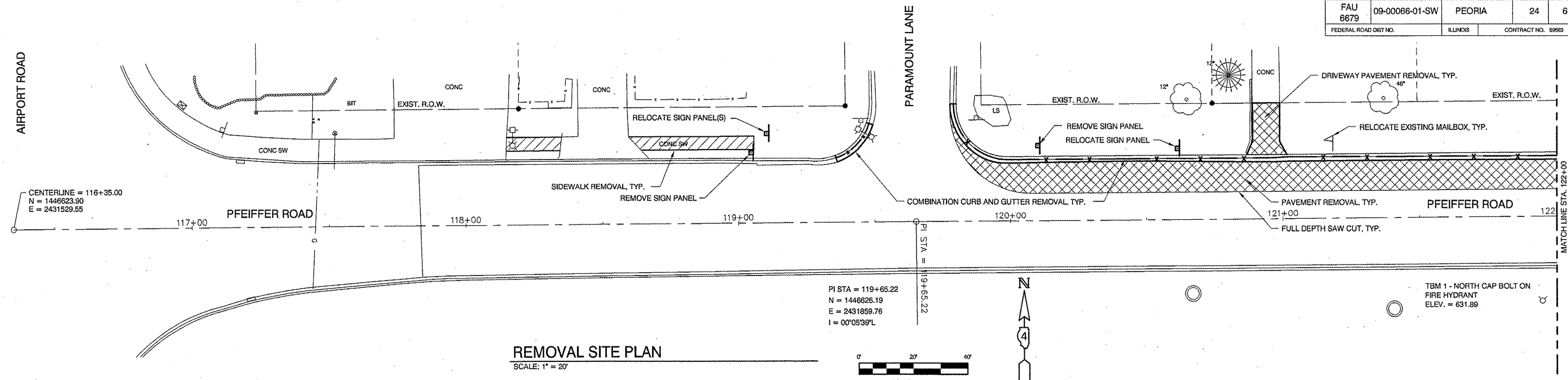
SUMMARY OF QUANTITIES

PAY ITEM #	DESCRIPTION	QUANTITY	UNIT	SP
20200100	EARTH EXCAVATION	319	CU YD	
21101625	TOPSOIL FURNISH AND PLACE, 6"	3462	SQ YD	
25000100	SEEDING, CLASS 1	0.72	ACRE	
25000400	NITROGEN FERTILIZER NUTRIENT	65	POUND	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	65	POUND	
25000600	POTASSIUM FERTILIZER NUTRIENT	65	POUND	
25100115	MULCH, METHOD 2	0.72	ACRE	
28000500	INLET AND PIPE PROTECTION	6	EACH	
28000510	INLET FILTERS	10	EACH	
35101400	AGGREGATE BASE COURSE, TYPE B	3400	TON	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	1985	SQ YD	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	24224	SQ FT	
42400800	DETECTABLE WARNINGS	262	SQ FT	
44000100	PAVEMENT REMOVAL	4106	SQ YD	
44000200	DRIVEWAY PAVEMENT REMOVAL	519	SQ YD	
44000500	COMBINATION CURB AND GUTTER REMOVAL	3596	FOOT	
44000600	SIDEWALK REMOVAL	1733	SQ FT	
50901720	BICYCLE RAILING	100	FOOT	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	38	FOOT	
55100700	STORM SEWER REMOVAL 15"	10.5	FOOT	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	136	CU YD	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	1	EACH	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2	EACH	
60241800	INLETS, TYPE G-1	1	EACH	
60241900	INLETS, TYPE G-1, SPECIAL	1	EACH	*
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	1	EACH	*
60500060	REMOVING INLETS	5	EACH	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	3574	FOOT	
67100100	MOBILIZATION	1	L SUM	
70101700	TRAFFIC CONTROL AND PROTECTION	1	L SUM	*
72000100	SIGN PANEL - TYPE 1	74	SQ FT	
72400310	REMOVE SIGN PANEL - TYPE 1	74	SQ FT	
72400710	RELOCATE SIGN PANEL - TYPE 1	38.5	SQ FT	
72900110	METAL POST - TYPE A	20	EACH	
72900210	METAL POST - TYPE B	11	EACH	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	517	FOOT	**
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	88	FOOT	**
78300100	PAVEMENT MARKING REMOVAL	116	SQ FT	
XX000856	MAILBOX REMOVAL AND RELOCATION	20	EACH	*
XX006499	INLET-MANHOLE, TYPE G-1, 5' DIAMETER	1	EACH	*
X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	4	EACH	*
Z0013798	CONSTRUCTION LAYOUT	1	L SUM	*

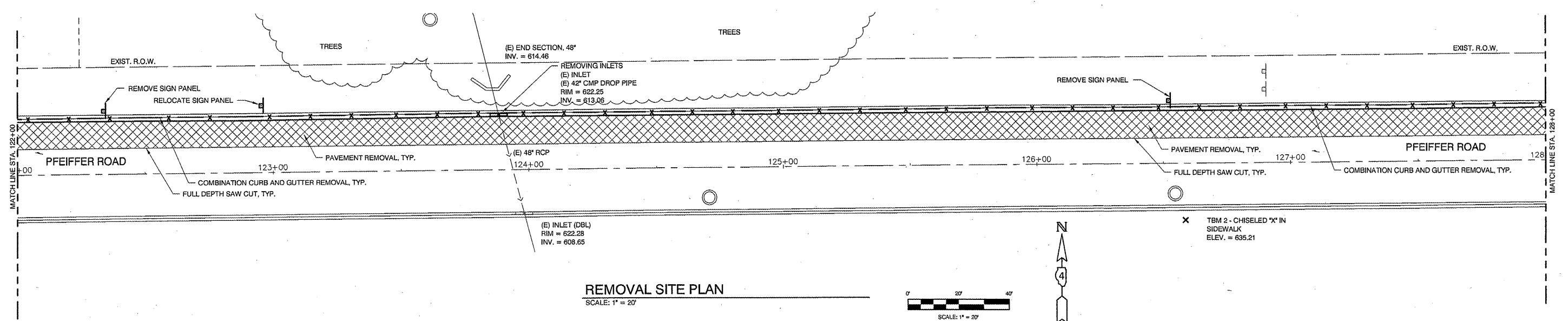
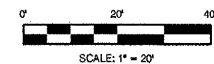
* - SPECIAL PROVISION

** - SPECIALTY ITEM

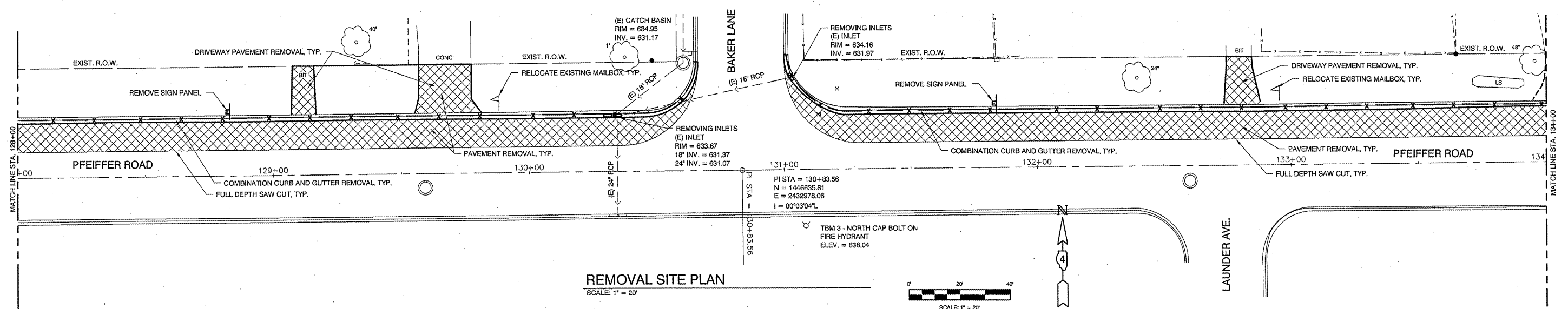
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-0066-01-SW	PEORIA	24	6
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 89953		



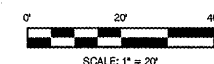
REMOVAL SITE PLAN
SCALE: 1" = 20'



REMOVAL SITE PLAN
SCALE: 1" = 20'



REMOVAL SITE PLAN
SCALE: 1" = 20'



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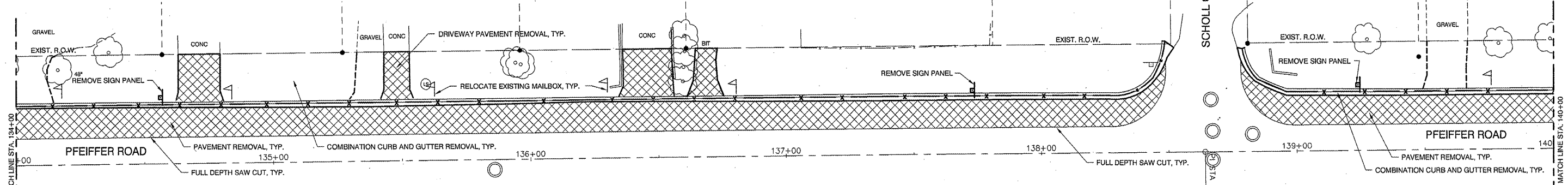
REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

CLIENT: VILLAGE OF BARTONVILLE
PEORIA COUNTY, ILLINOIS

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
REMOVAL SITE PLANS
STA. 116+35 TO STA. 134+00

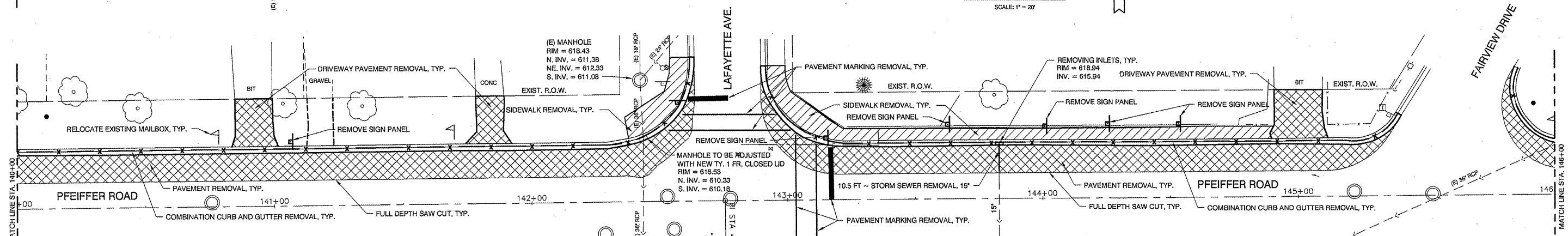
PROJECT NO. 09-122
SHEET 6 OF 24
DRAWING NO. 6

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	7
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 09093		

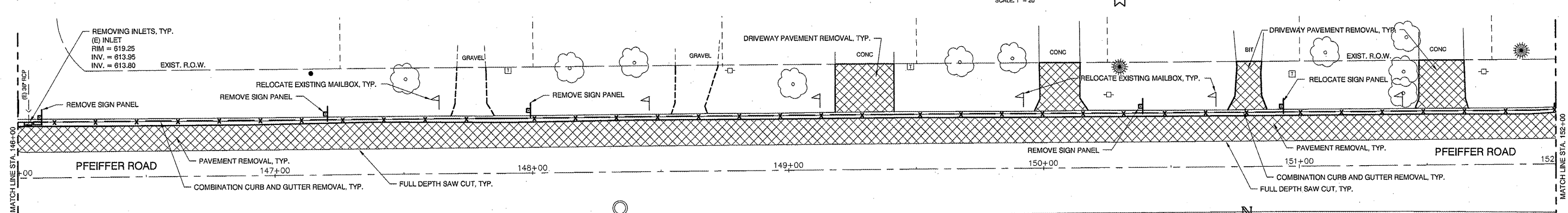


PI STA = 138+64.22
 N = 1446643.22
 E = 2433758.68
 I = 00°02'32"R

REMOVAL SITE PLAN
 SCALE: 1" = 20'



REMOVAL SITE PLAN
 SCALE: 1" = 20'



REMOVAL SITE PLAN
 SCALE: 1" = 20'

TBM 5 - RR SPIKE N. SIDE OF POWER POLE
 ELEV. = 627.95

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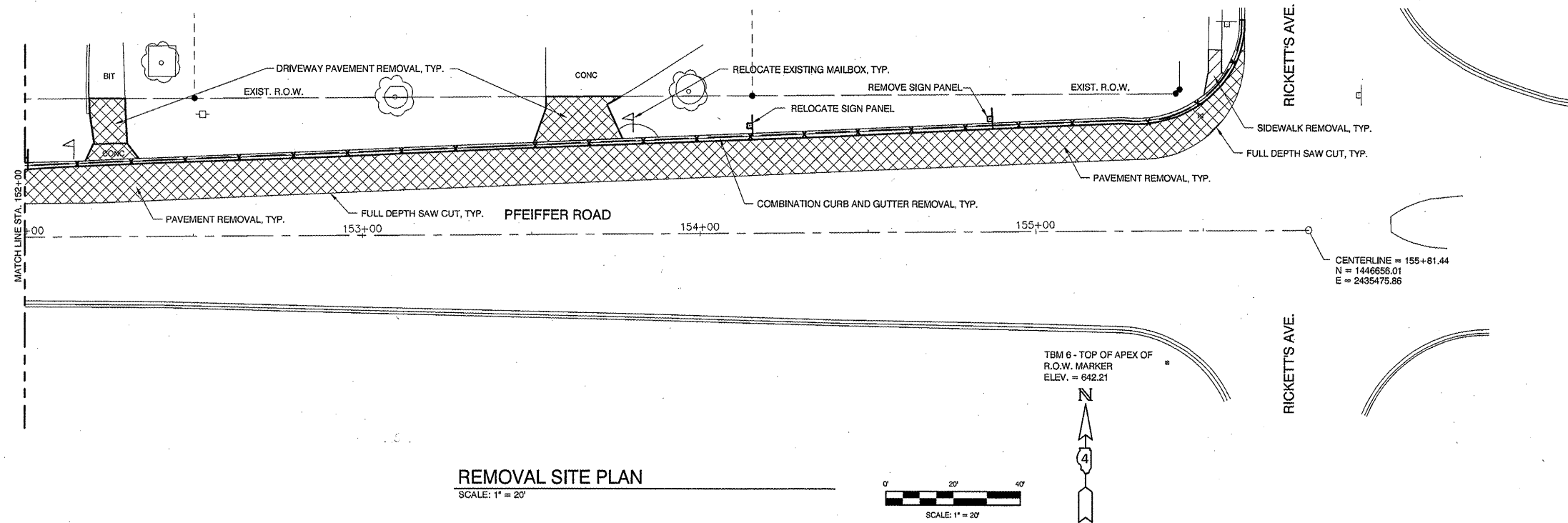
REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

CLIENT: VILLAGE OF BARTONVILLE
 PEORIA COUNTY, ILLINOIS

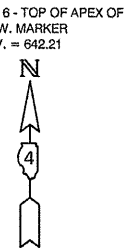
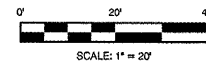
TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 REMOVAL SITE PLANS
 STA. 134+00 TO STA. 152+00

PROJECT NO. 09-122
 SHEET 7 OF 24
 DRAWING NO. 7

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00086-01-SW	PEORIA	24	8
FEDERAL ROAD DIST NO.	ILLINOIS	CONTRACT NO. 69663		



REMOVAL SITE PLAN
SCALE: 1" = 20'



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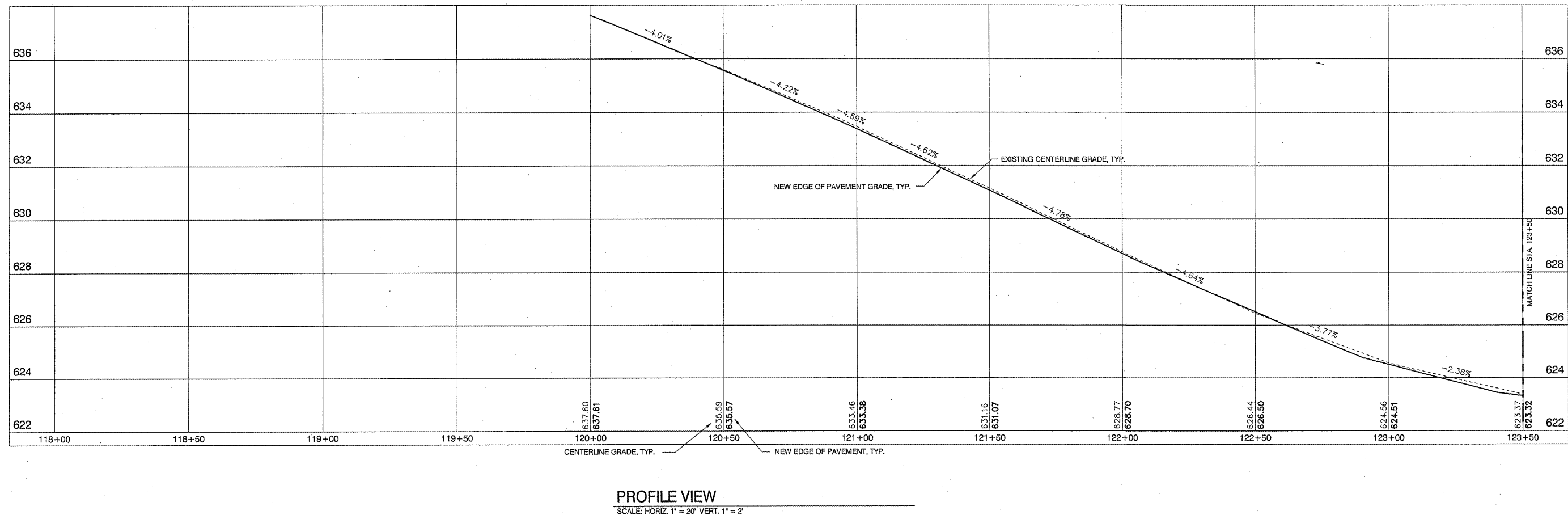
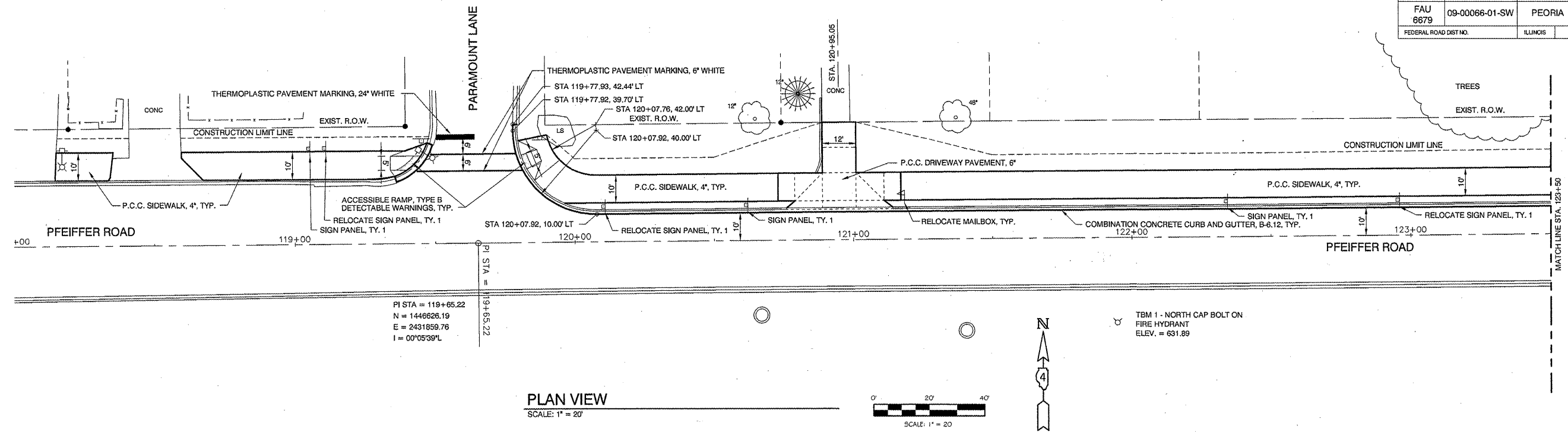
REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
					12-02-09

CLIENT: VILLAGE OF BARTONVILLE
PEORIA COUNTY, ILLINOIS

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
REMOVAL SITE PLANS
STA. 152+00 TO STA. 155+81.35

PROJECT NO. 09-122
SHEET 8 OF 24
DRAWING NO. 8

ROUTE NO. FAU 6679	SECTION 09-00066-01-SW	COUNTY PEORIA	TOTAL SHEETS 24	SHEET NO. 9
FEDERAL ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 69663	



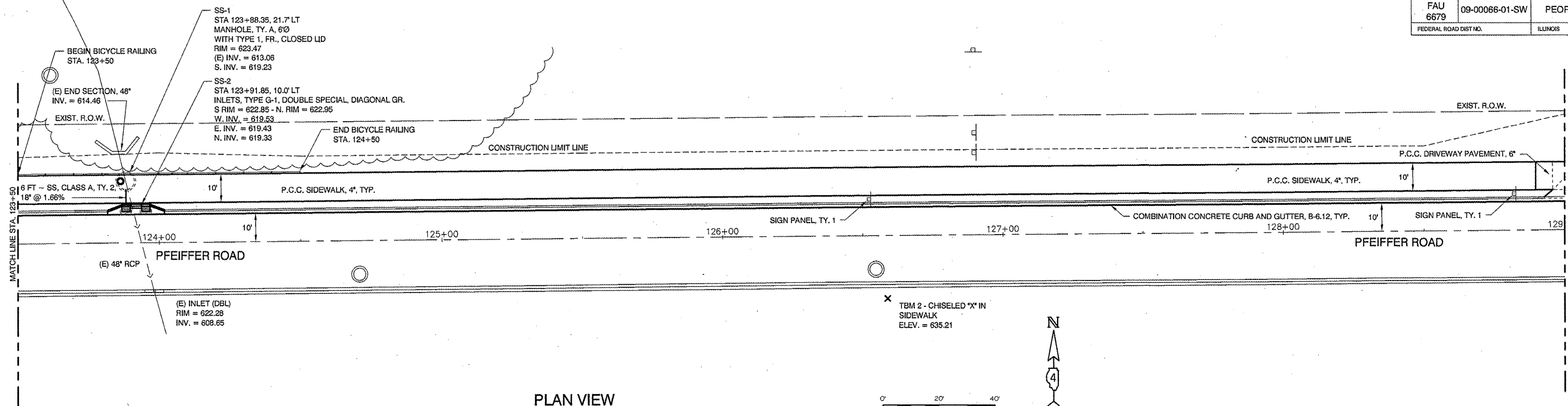
REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

SURVEYED	MDP	CLIENT:
DRAWN	DEH	VILLAGE OF BARTONVILLE
CHECKED	SDK	PEORIA COUNTY, ILLINOIS
DATE	12-02-09	

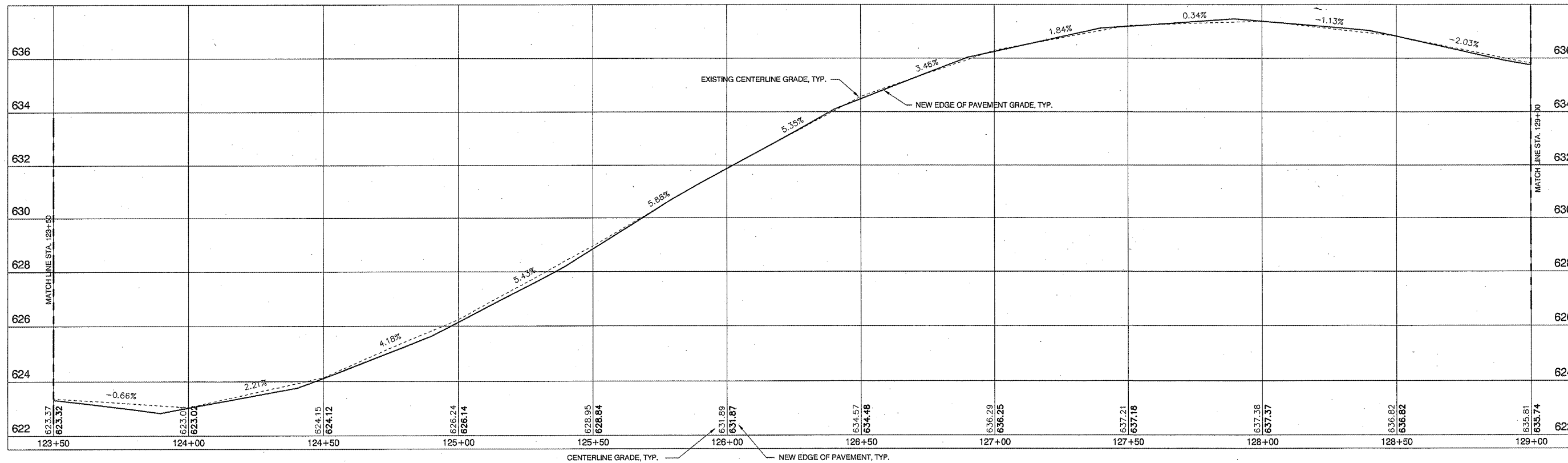
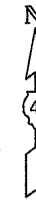
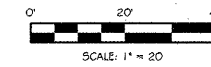
TITLE:	PROJECT NO.
PFEIFFER ROAD SIDEWALK IMPROVEMENTS	09-122
PLAN AND PROFILES	SHEET 9 OF 24
STA. 118+00 TO STA. 123+50	DRAWING NO.
	9

PROJECT NO.	09-122
SHEET	9 OF 24
DRAWING NO.	9

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	10
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 09663		



PLAN VIEW
SCALE: 1" = 20'



PROFILE VIEW
SCALE: HORIZ. 1" = 20' VERT. 1" = 2'

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REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

SURVEYED	MDP
DRAWN	DEH
CHECKED	SDK
SCALE	1" = 20'
DATE	12-02-09

CLIENT:

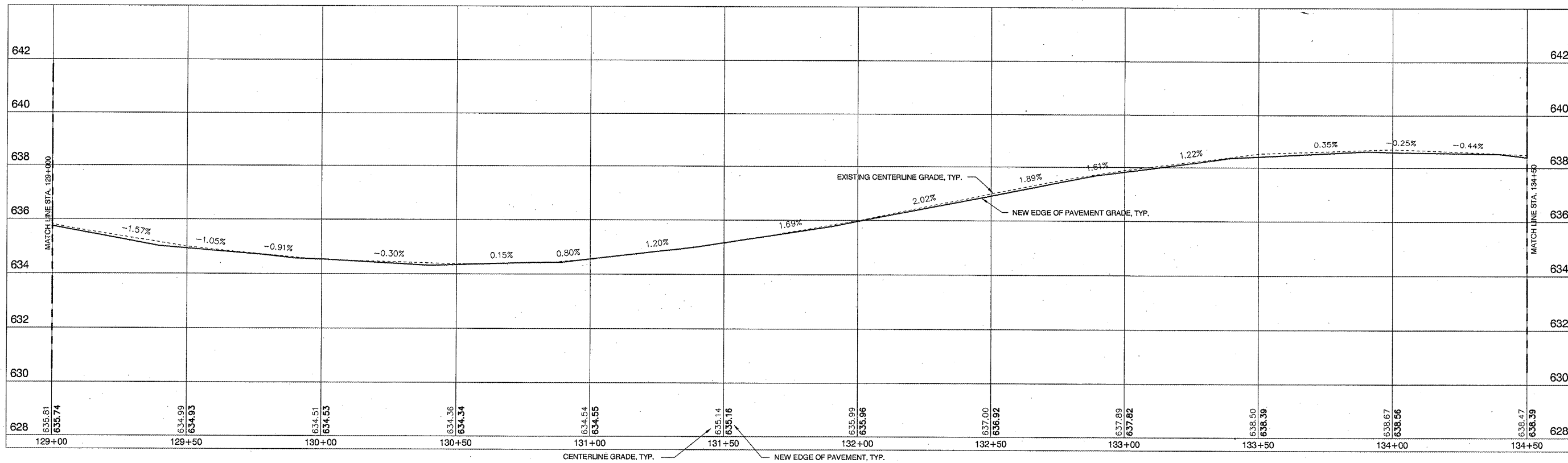
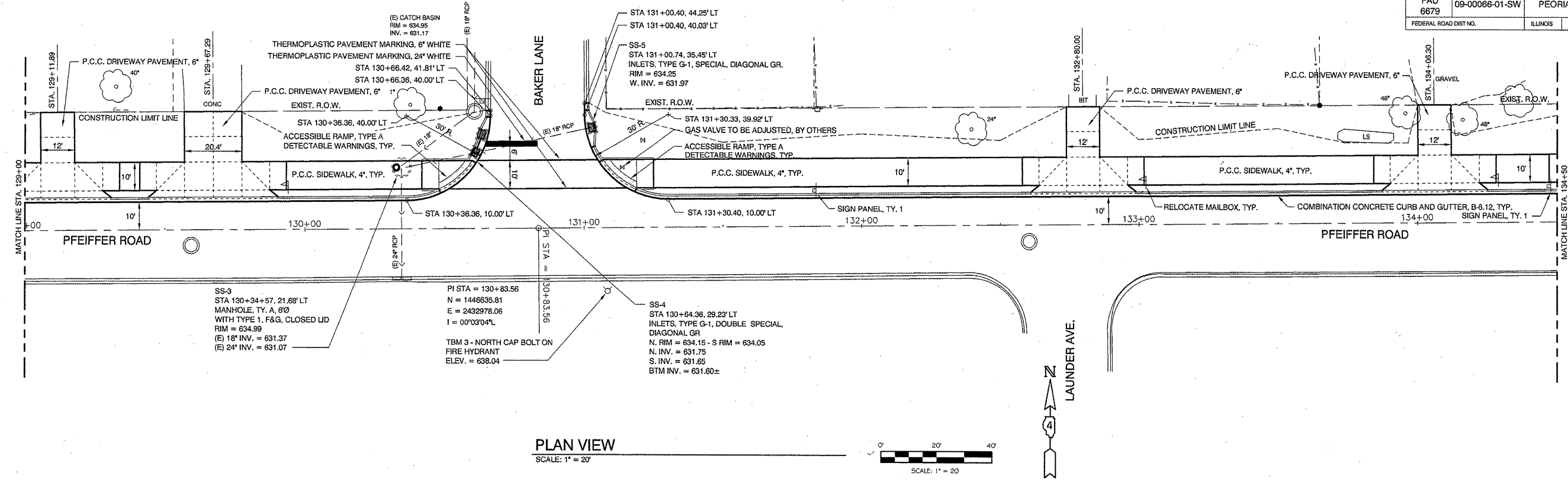
VILLAGE OF BARTONVILLE
PEORIA COUNTY, ILLINOIS

TITLE:

PFEIFFER ROAD SIDEWALK IMPROVEMENTS
PLAN AND PROFILES
STA. 123+50 TO STA. 129+00

PROJECT NO.	09-122
SHEET NO. OF TOTAL	10 OF 24
DRAWING NO.	10

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	11
FEDERAL ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 89663	



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REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

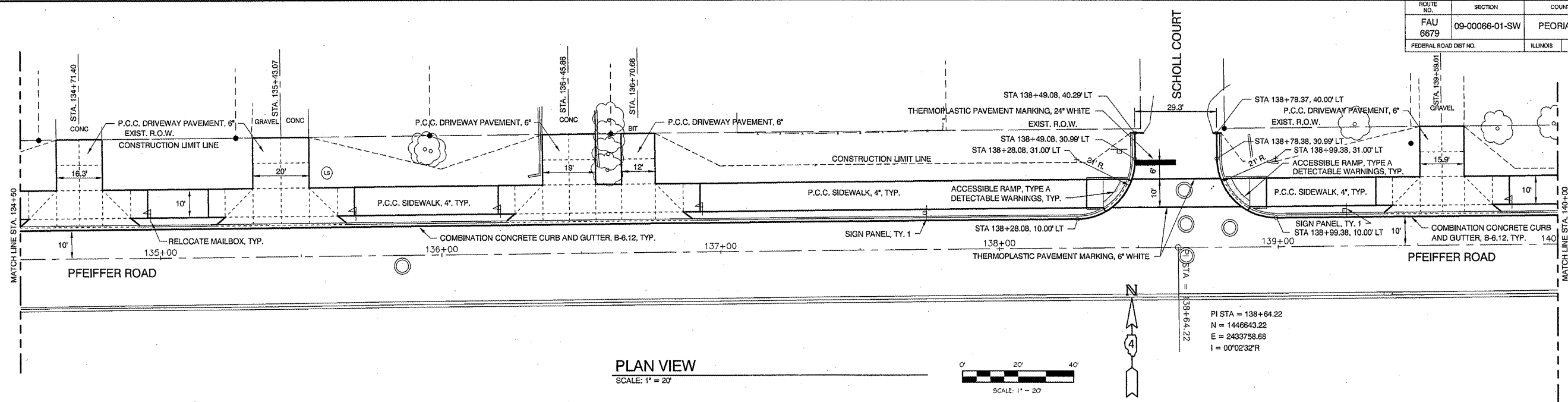
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 DRAWN: DEH
 CHECKED: SDK
 SCALE: 1" = 20'
 DATE: 12-02-09

CLIENT: VILLAGE OF BARTONVILLE
 PEORIA COUNTY, ILLINOIS

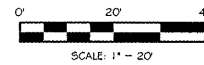
TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 PLAN AND PROFILES
 STA. 129+00 TO STA. 134+50

PROJECT NO. 09-122
 SHEET 11 OF 24
 DRAWING NO. 11

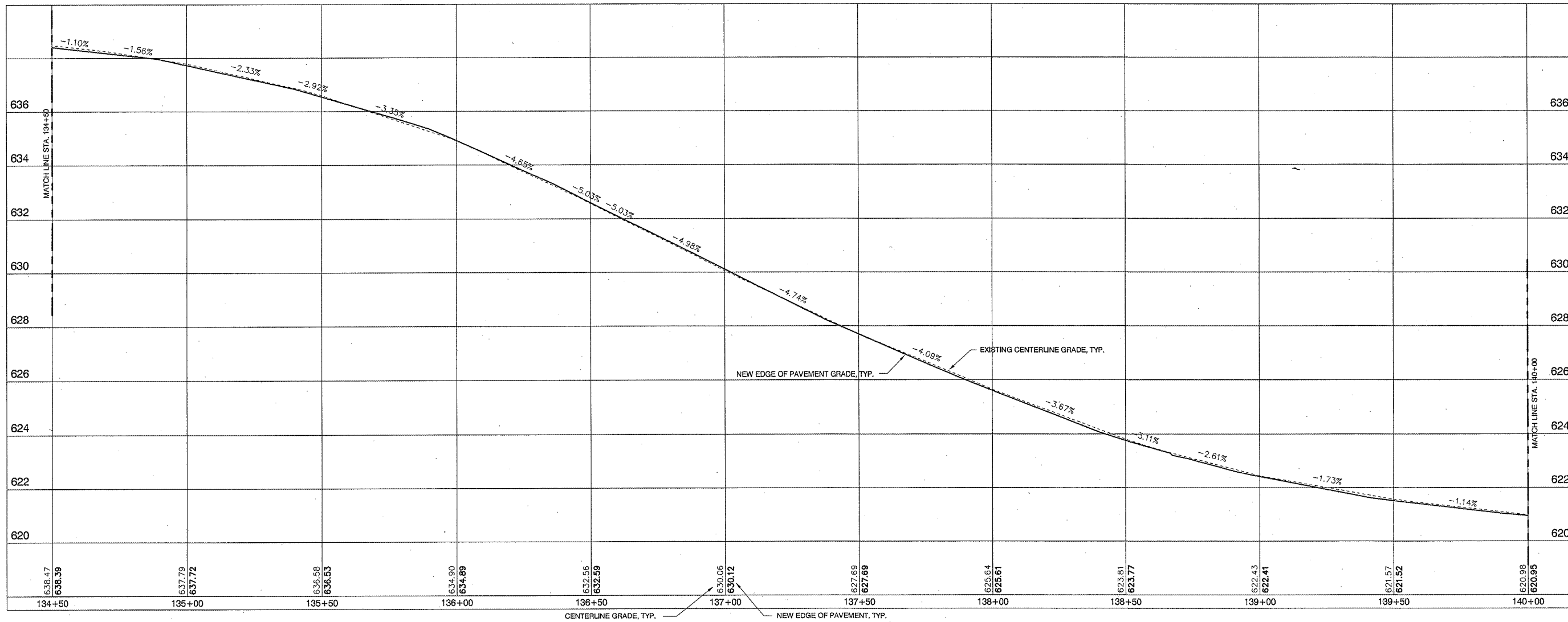
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	12
FEDERAL ROAD DIST NO.		ILLINOIS	CONTRACT NO. 09593	



PLAN VIEW
SCALE: 1" = 20'



PI STA = 138+64.22
N = 1446643.22
E = 2433758.68
I = 0°02'32\"/>



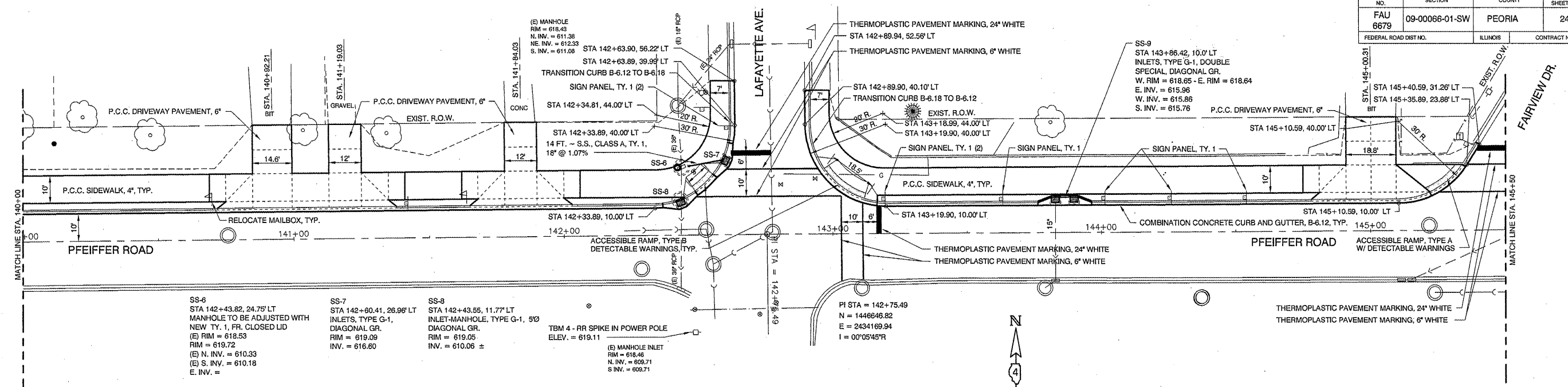
PROFILE VIEW
SCALE: HORIZ. 1" = 20' VERT. 1" = 2'

REV.	DATE	NATURE OF REVISION	CHECKED

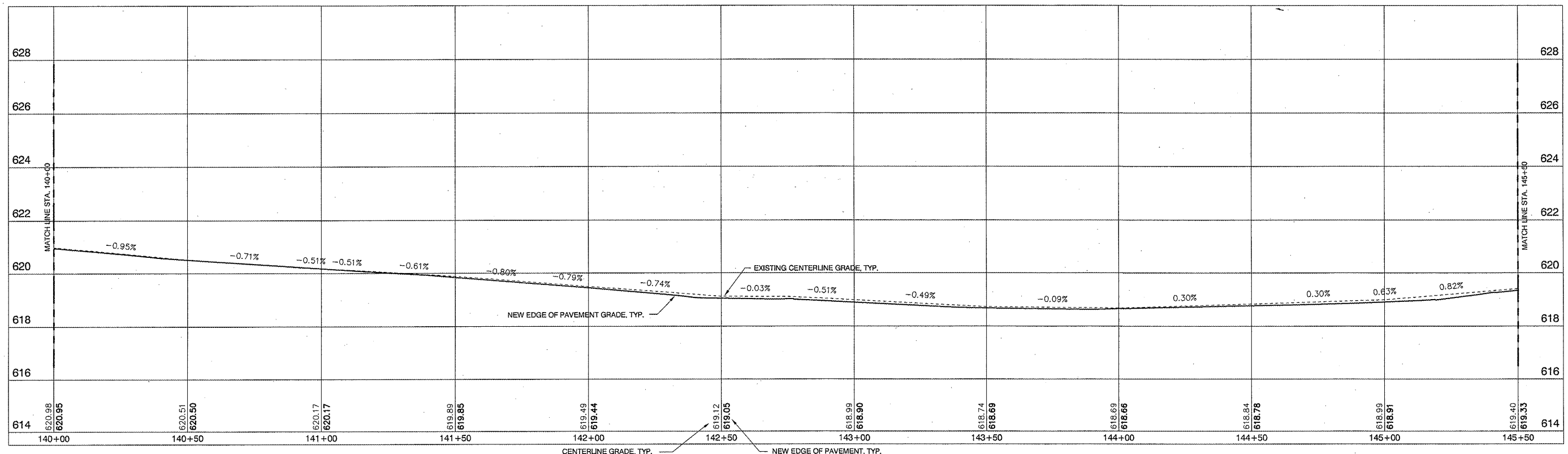
SURVEYED	MDP	CLIENT:	VILLAGE OF BARTONVILLE PEORIA COUNTY, ILLINOIS
DRAWN	DEH	TITLE:	PFEIFFER ROAD SIDEWALK IMPROVEMENTS PLAN AND PROFILES STA. 134+50 TO STA. 140+00
CHECKED	SDK		
SCALE	1" = 20'		
DATE	12-02-09		

PROJECT NO.	09-122
SHEET	12 OF 24
DRAWING NO.	12

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	13
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 8963		



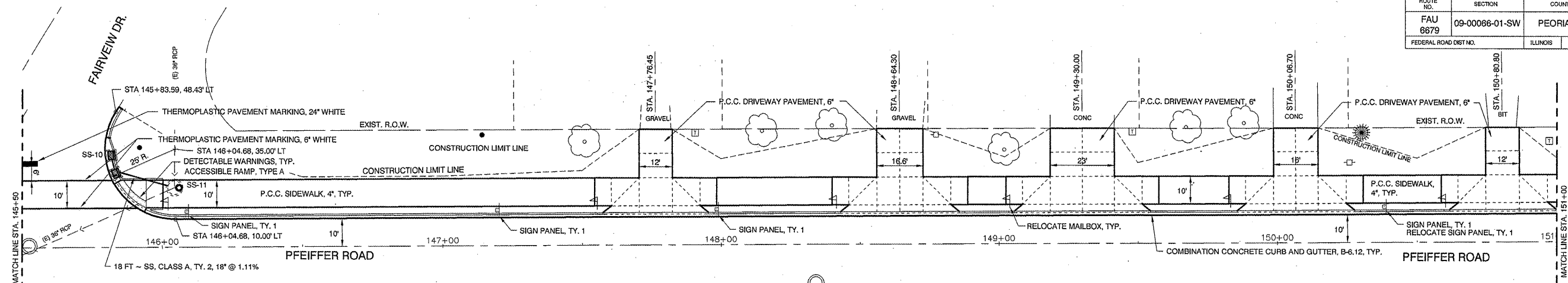
PLAN VIEW
SCALE: 1" = 20'



PROFILE VIEW
SCALE: HORIZ 1" = 20' VERT. 1" = 2'

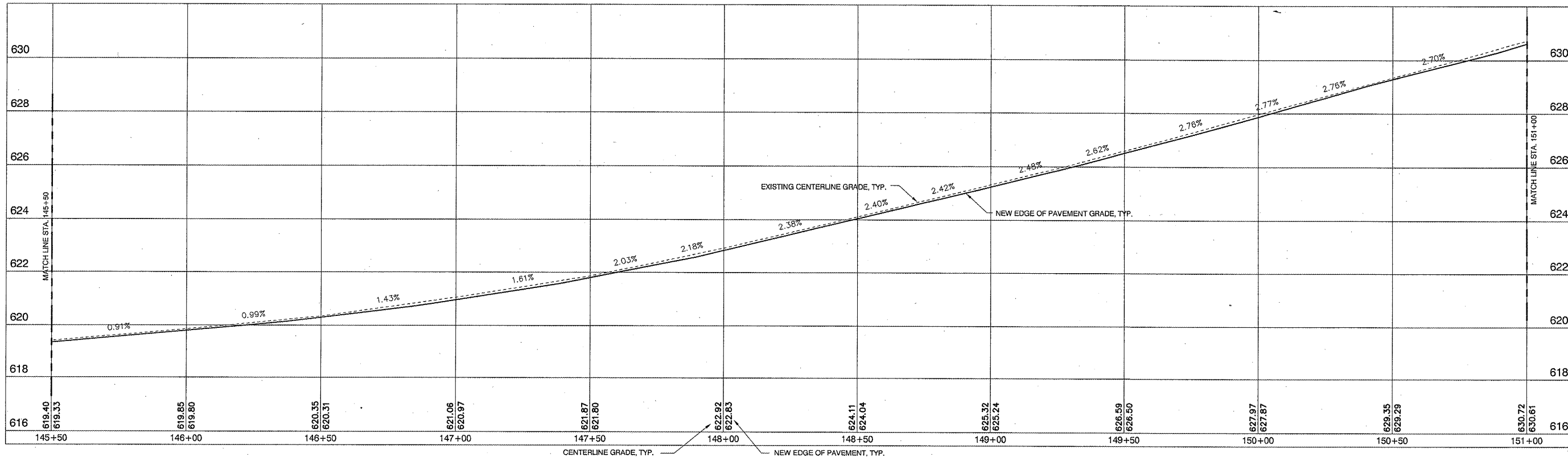
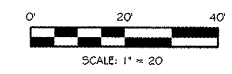
REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

ROUTE NO. FAU 6679	SECTION 09-00066-01-SW	COUNTY PEORIA	TOTAL SHEETS 24	SHEET NO. 14
FEDERAL ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 89693	



SS-10 STA 145+80.39, 29.04' LT INLETS, TYPE G-1 DOUBLE, SPECIAL DIAGONAL GR. N. RIM = 619.57 - S RIM = 619.47 S. INV. = 617.10 N. INV. = 617.00 E. INV. = 616.00	SS-11 STA 146+04.40, 21.25' LT MANHOLE, TY. A, 50" WITH TYPE 1 FR., CLOSED LID RIM = 620.47 (E) 36" INV. = 613.95 (E) 36" INV. = 613.80 W. 18" INV. = 615.70
---	---

PLAN VIEW
SCALE: 1" = 20'



PROFILE VIEW
SCALE: HORIZ. 1" = 20' VERT. 1" = 2'

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REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

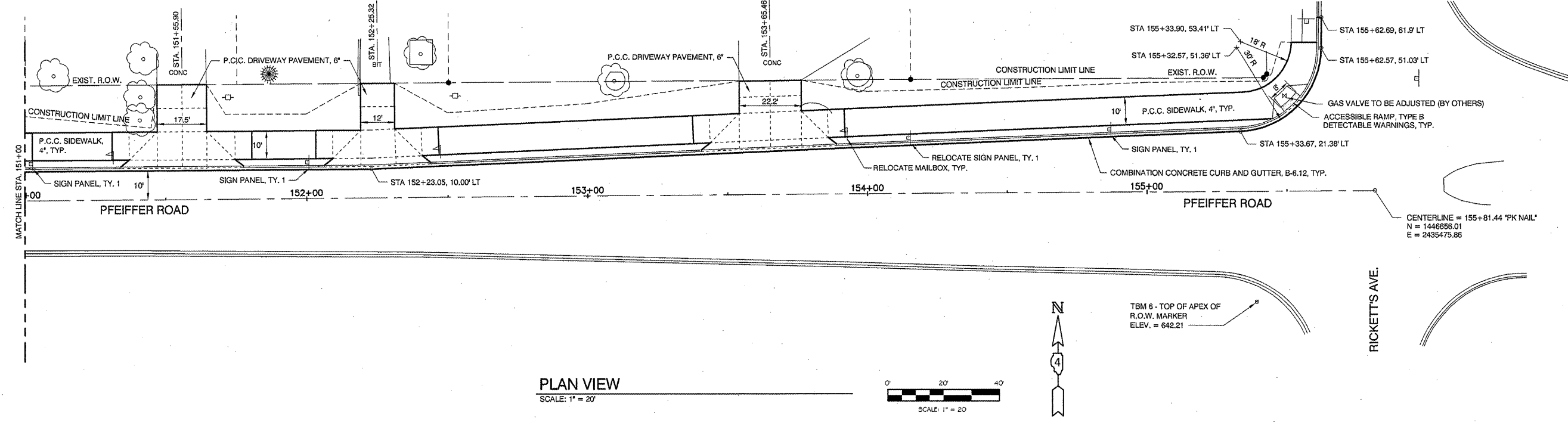
SURVEYED MDP
DRAWN DEH
CHECKED SDK
DATE 12-02-09

CLIENT:
**VILLAGE OF BARTONVILLE
PEORIA COUNTY, ILLINOIS**

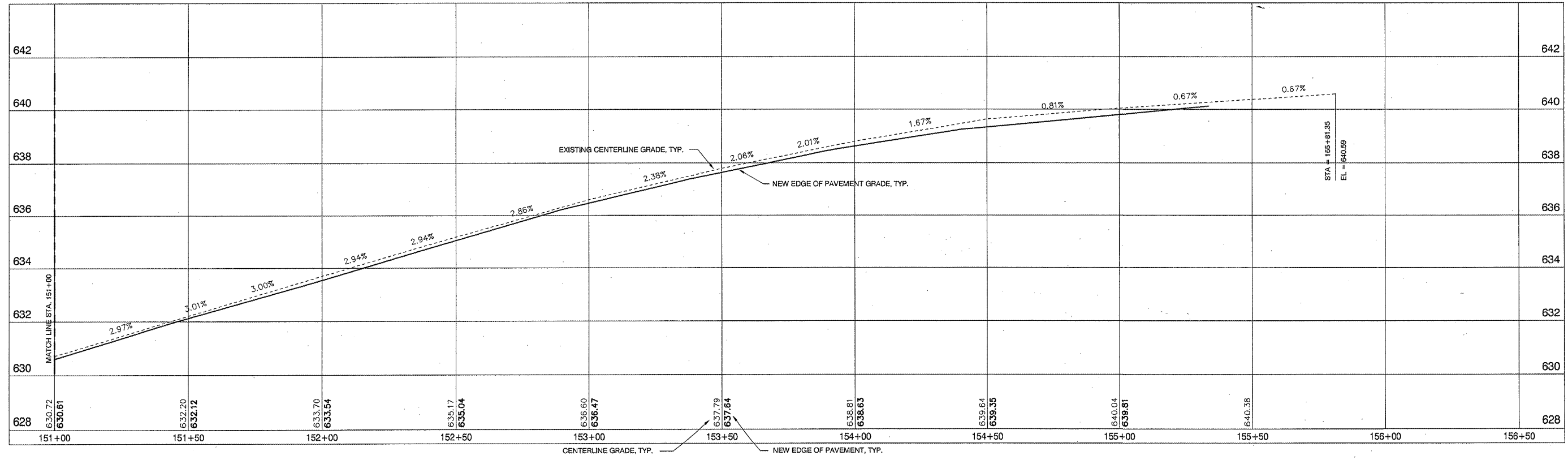
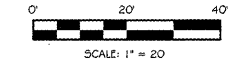
TITLE:
**PFEIFFER ROAD SIDEWALK IMPROVEMENTS
PLAN AND PROFILES
STA. 145+50 TO STA. 151+00**

PROJECT NO.
09-122
SHEET 14 OF 24
DRAWING NO.
14

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00068-01-SW	PEORIA	24	15
FEDERAL ROAD DIST NO.	ILLINOIS	CONTRACT NO. 8863		



PLAN VIEW
SCALE: 1" = 20'



PROFILE VIEW
SCALE: HORIZ 1" = 20' VERT. 1" = 2'

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REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 20'	12-02-09

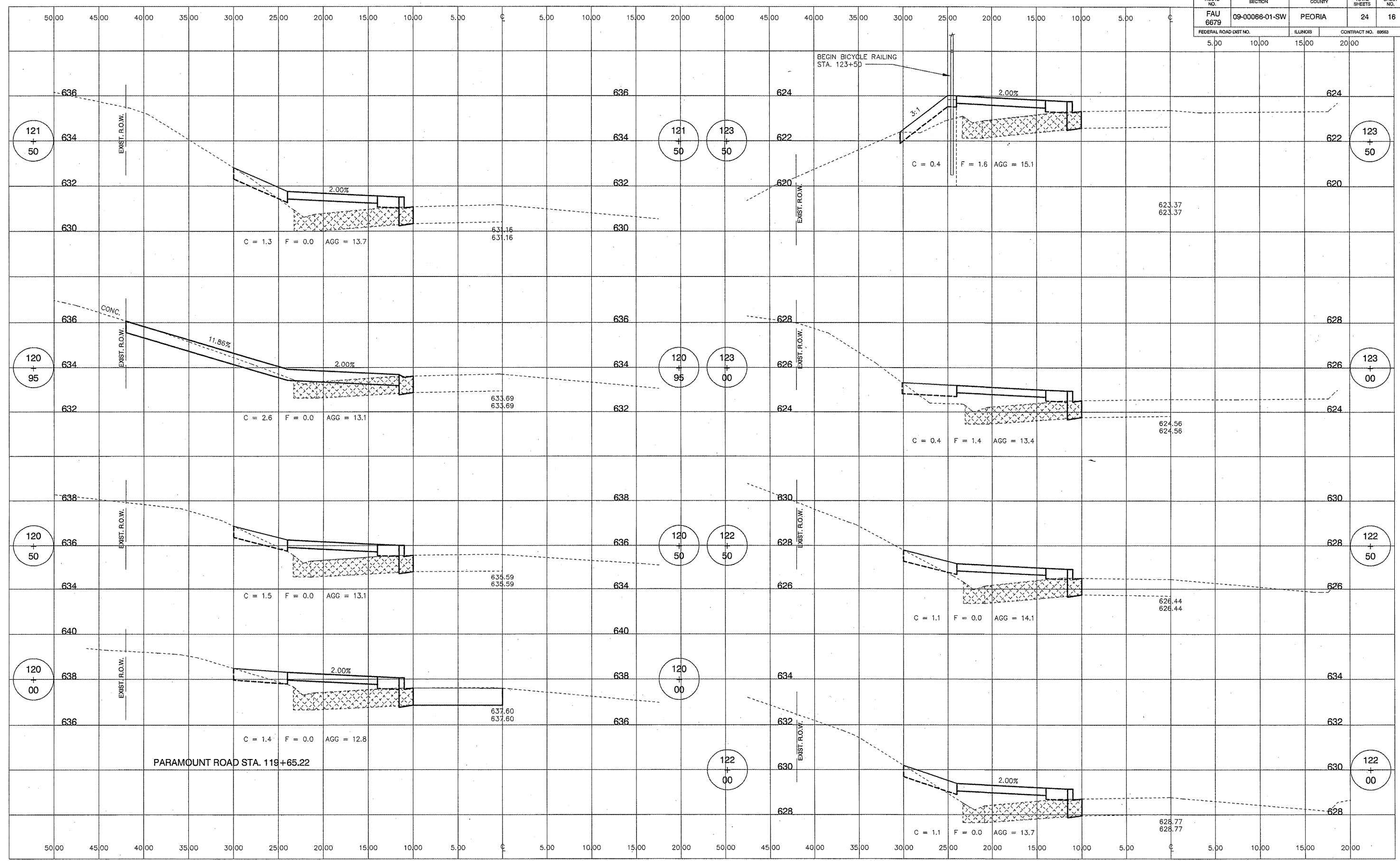
SURVEYED: MDP
DRAWN: DEH
CHECKED: SDK
SCALE: 1" = 20'
DATE: 12-02-09

CLIENT: VILLAGE OF BARTONVILLE
PEORIA COUNTY, ILLINOIS

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
PLAN AND PROFILES
STA. 151+00 TO STA. 156+00

PROJECT NO. 09-122
SHEET 15 OF 24
DRAWING NO. 15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	16
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	6663	
5,00	10,00	15,00	20,00	



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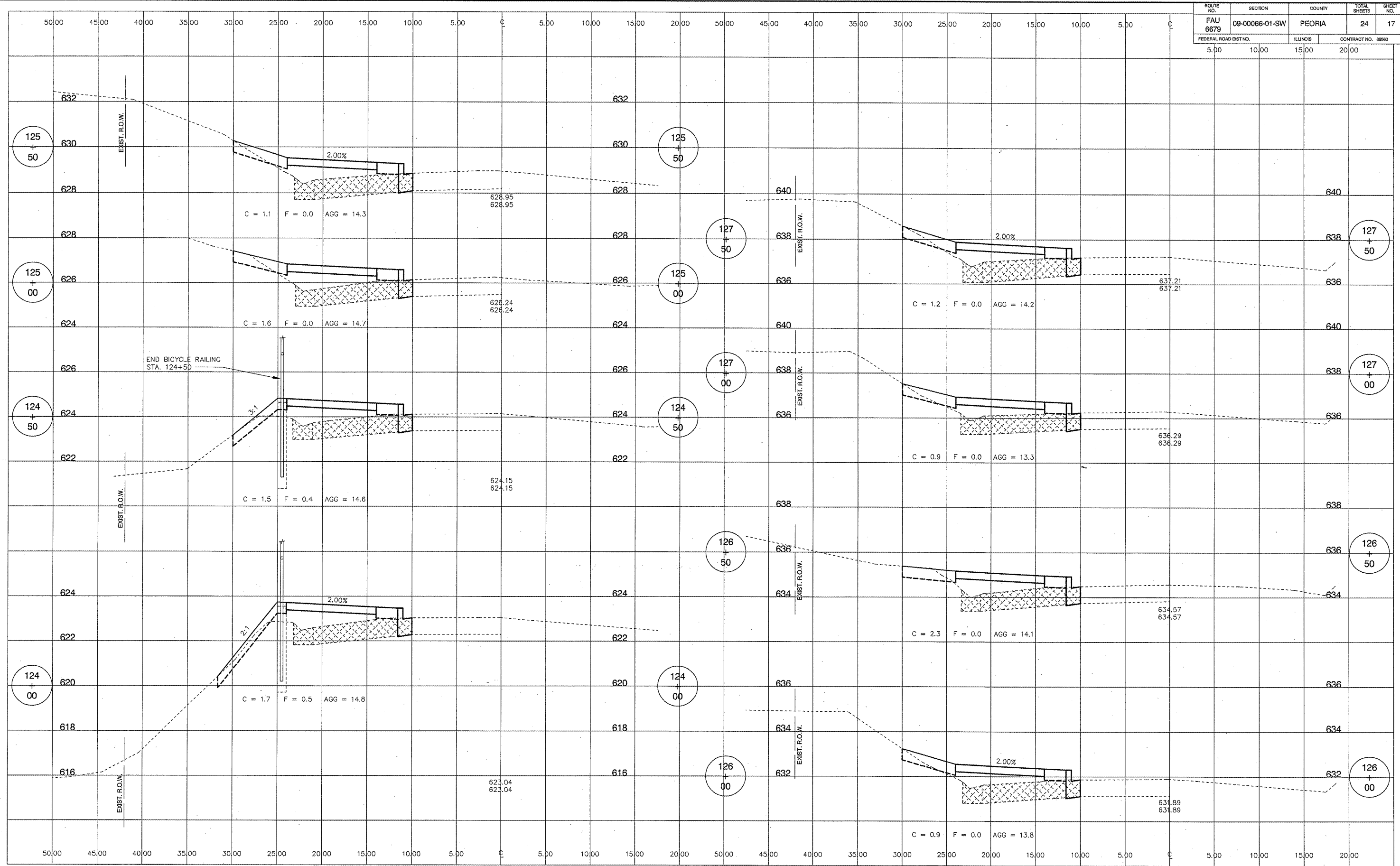
REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 5' H 1" = 2' V	12-02-09

SURVEYED: MDP
 DRAWN: DEH
 CHECKED: SDK
 CLIENT: VILLAGE OF BARTONVILLE
 PEORIA COUNTY, ILLINOIS

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 120+00 TO STA. 123+50

PROJECT NO. 09-122
 SHEET 16 OF 24
 DRAWING NO. 16

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	17
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 89663		
5.00	10.00	15.00	20.00	



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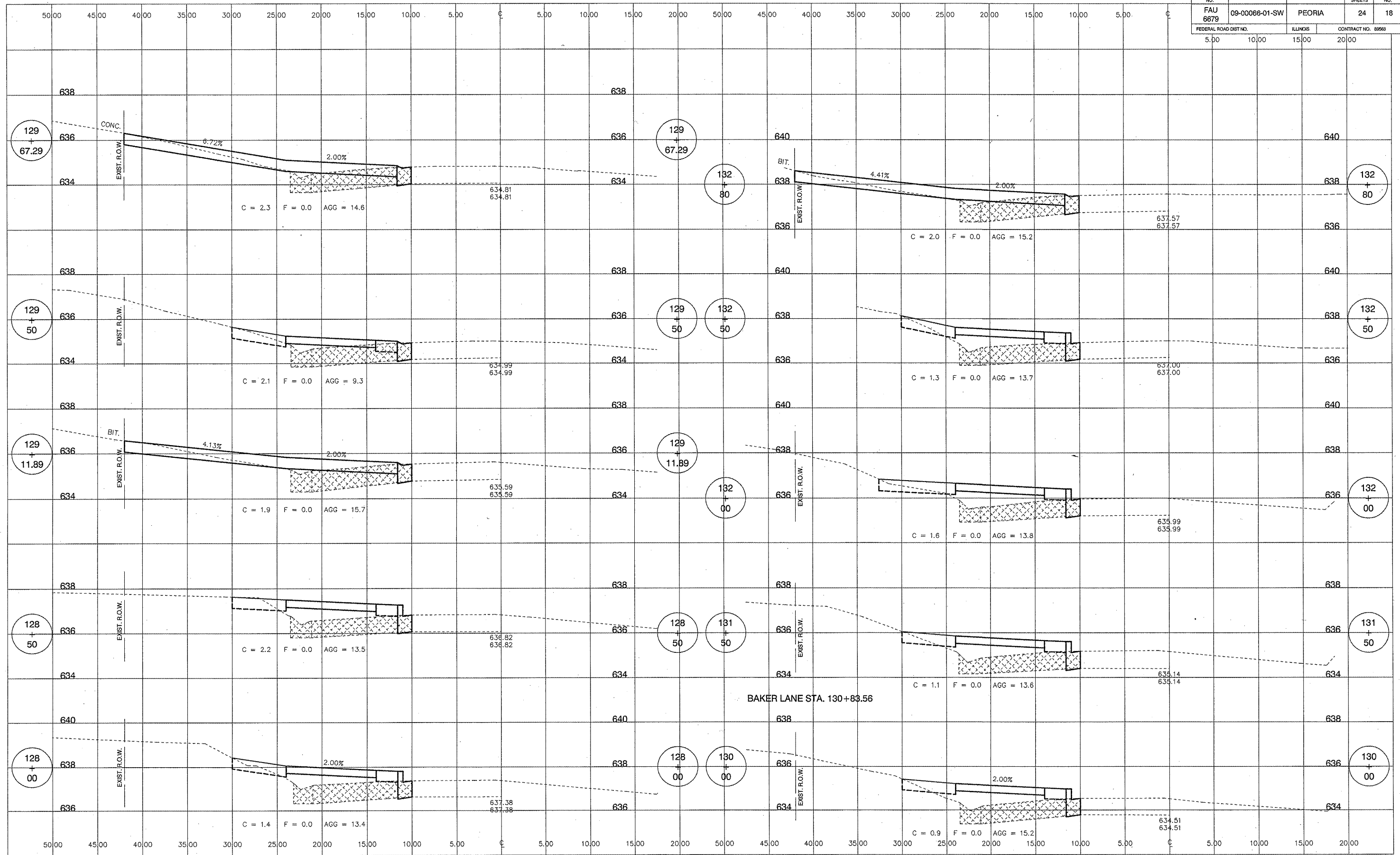
REV.	DATE	NATURE OF REVISION	CHECKED

SURVEYED	MDP	CLIENT:
DRAWN	DEH	VILLAGE OF BARTONVILLE
CHECKED	SDK	PEORIA COUNTY, ILLINOIS
SCALE	1" = 5' H 1" = 2' V	
DATE	12-02-09	

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 124+00 TO STA. 127+50

PROJECT NO. 09-122
 SHEET 17 OF 24
 DRAWING NO. 17

ROUTE NO. FAU 6679	SECTION 09-00066-01-SW	COUNTY PEORIA	TOTAL SHEETS 24	SHEET NO. 18
FEDERAL ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 09569	
5.00	10.00	15.00	20.00	



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REV.	DATE	NATURE OF REVISION	CHECKED

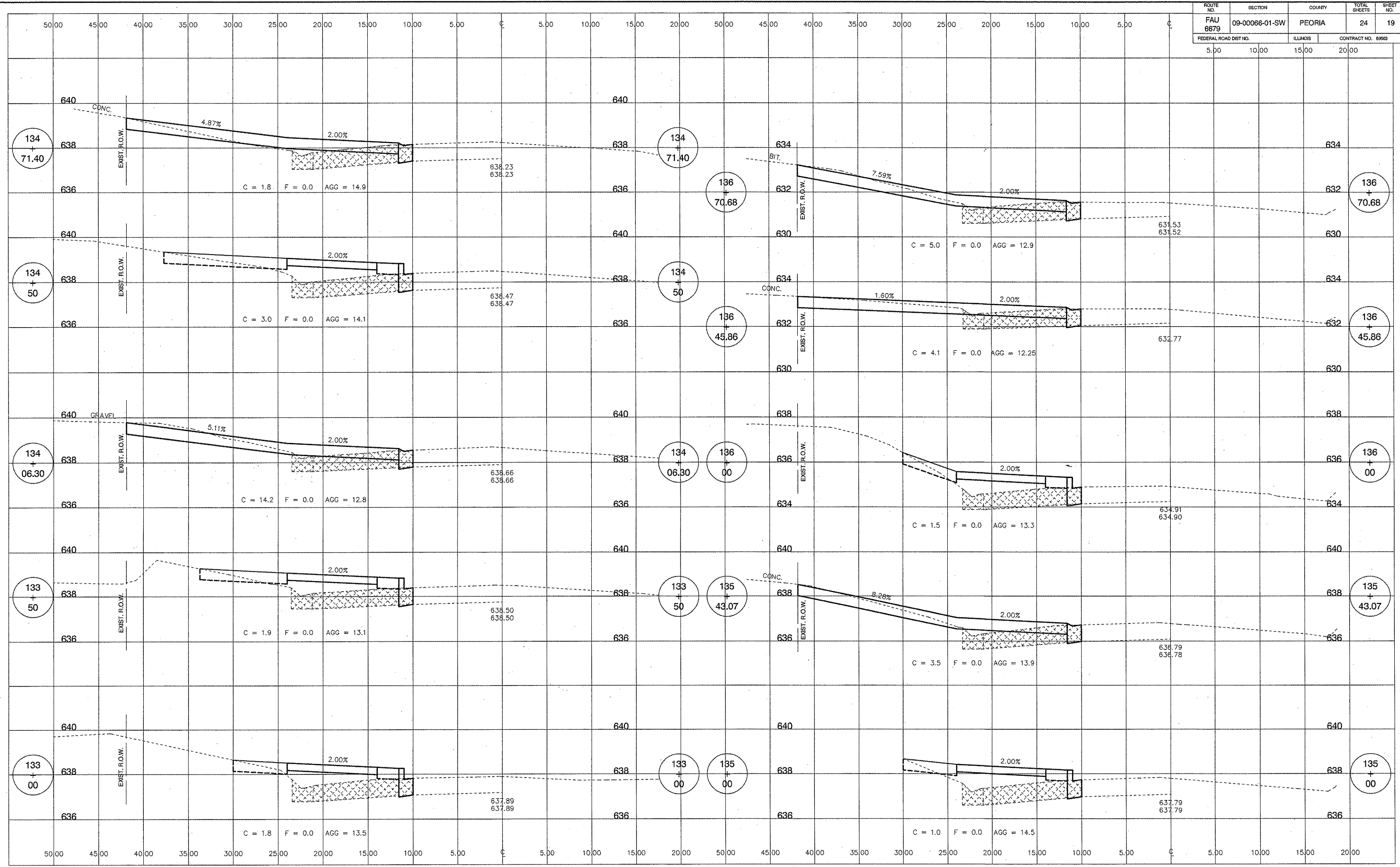
SURVEYED MDP
 DRAWN DEH
 CHECKED SDK
 SCALE 1" = 5' H 1" = 2' V
 DATE 12-02-09

CLIENT:
 VILLAGE OF BARTONVILLE
 PEORIA COUNTY, ILLINOIS

TITLE:
 PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 128+00 TO STA. 132+80

PROJECT NO.
 09-122
 SHEET 18 OF 24
 DRAWING NO.
 18

ROUTE NO. FAU 6679	SECTION 09-00066-01-SW	COUNTY PEORIA	TOTAL SHEETS 24	SHEET NO. 19
FEDERAL ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 8966	
5.00	10.00	15.00	20.00	



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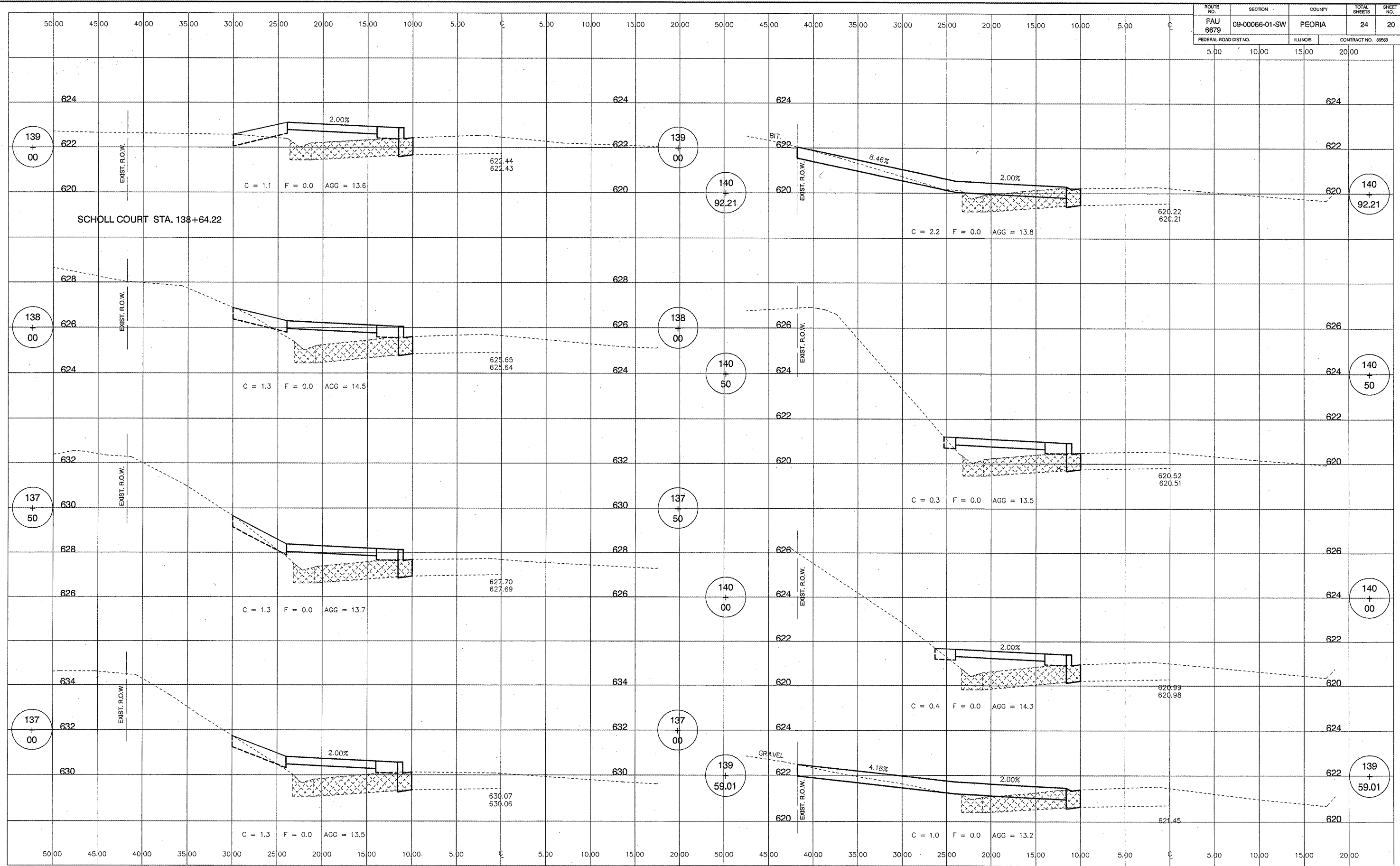
REV.	DATE	NATURE OF REVISION	CHECKED	DATE

SURVEYED	MDP	CLIENT:
DRAWN	DEH	VILLAGE OF BARTONVILLE
CHECKED	SDK	PEORIA COUNTY, ILLINOIS
SCALE	1" = 8' H 1" = 2' V	
DATE	12-02-09	

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 133+00 TO STA. 136+70.68

PROJECT NO.	09-122
SHEET	19 OF 24
DRAWING NO.	19

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-0066-01-SW	PEORIA	24	20
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 89583		
5.00	10.00	15.00	20.00	



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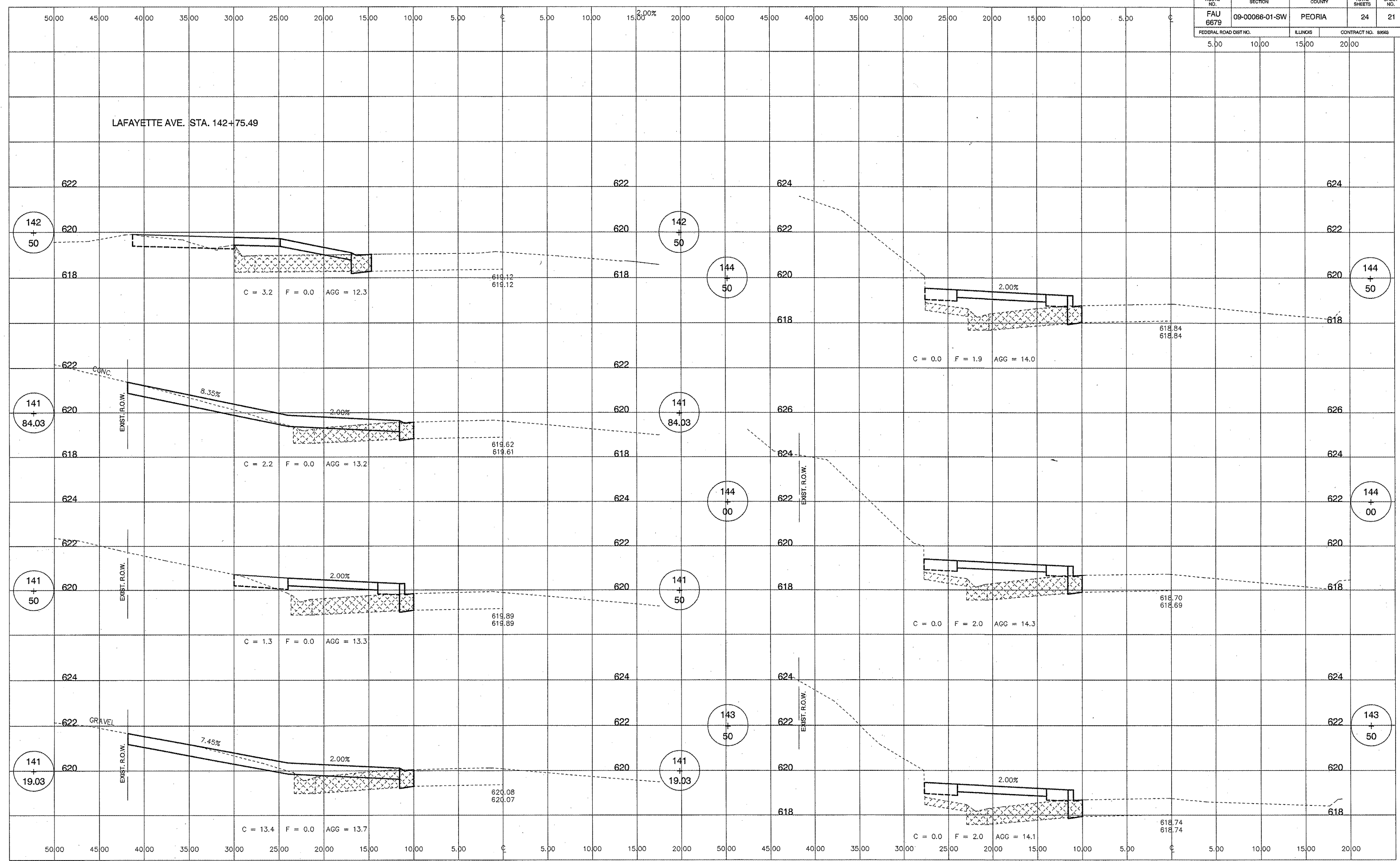
REV.	DATE	NATURE OF REVISION	CHECKED	DATE

SURVEYED	MDP	CLIENT:
DRAWN	DEH	VILLAGE OF BARTONVILLE
CHECKED	SDK	PEORIA COUNTY, ILLINOIS
SCALE	1" = 5' H 1" = 2' V	
DATE	12-02-09	

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 137+00 TO STA. 140+92.21

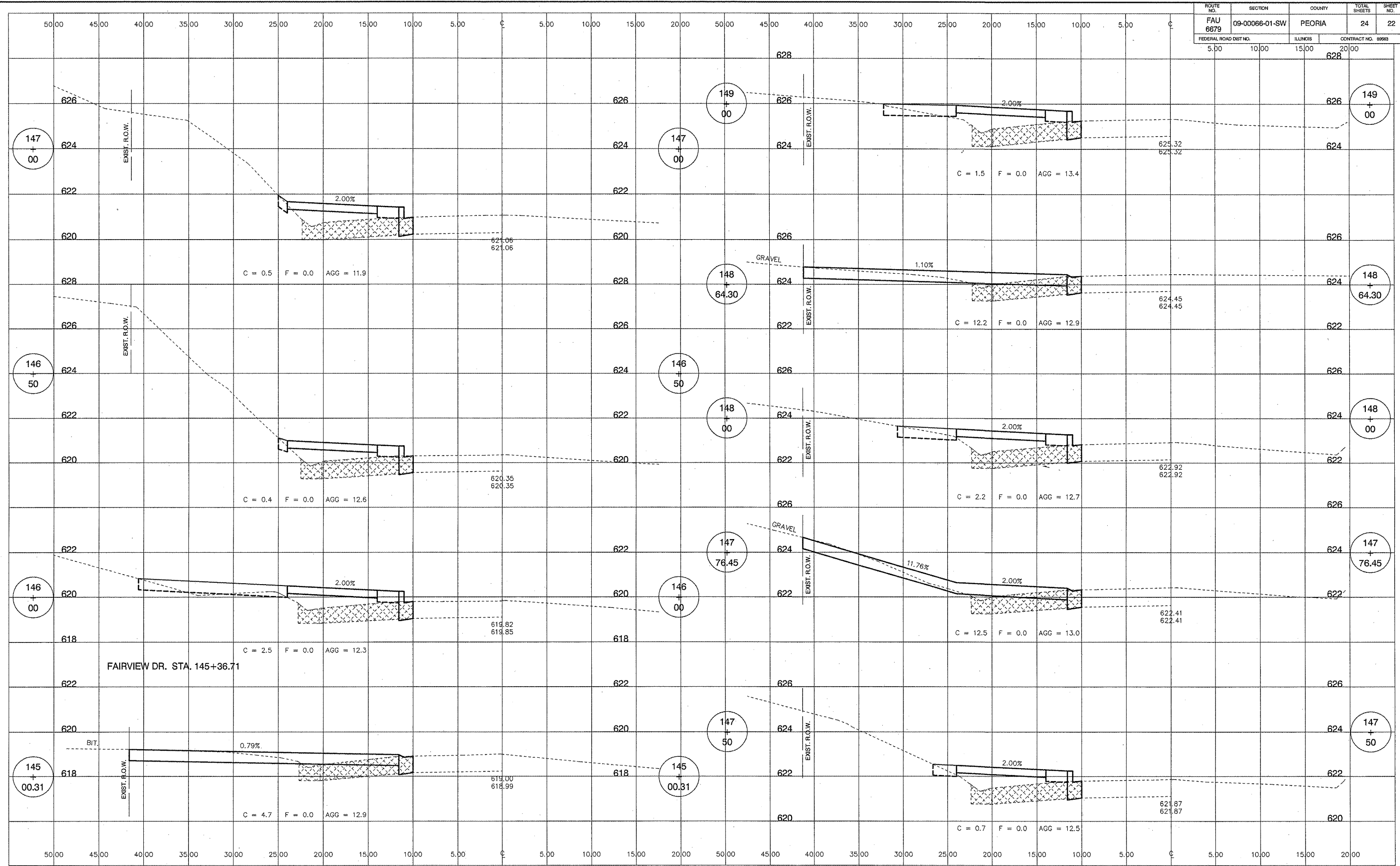
PROJECT NO.	09-122
SHEET	20 OF 24
DRAWING NO.	20

ROUTE NO. FAU 6679	SECTION 09-00068-01-SW	COUNTY PEORIA	TOTAL SHEETS 24	SHEET NO. 21
FEDERAL ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 8869	
5.00	10.00	15.00	20.00	



REV.	DATE	NATURE OF REVISION	CHECKED

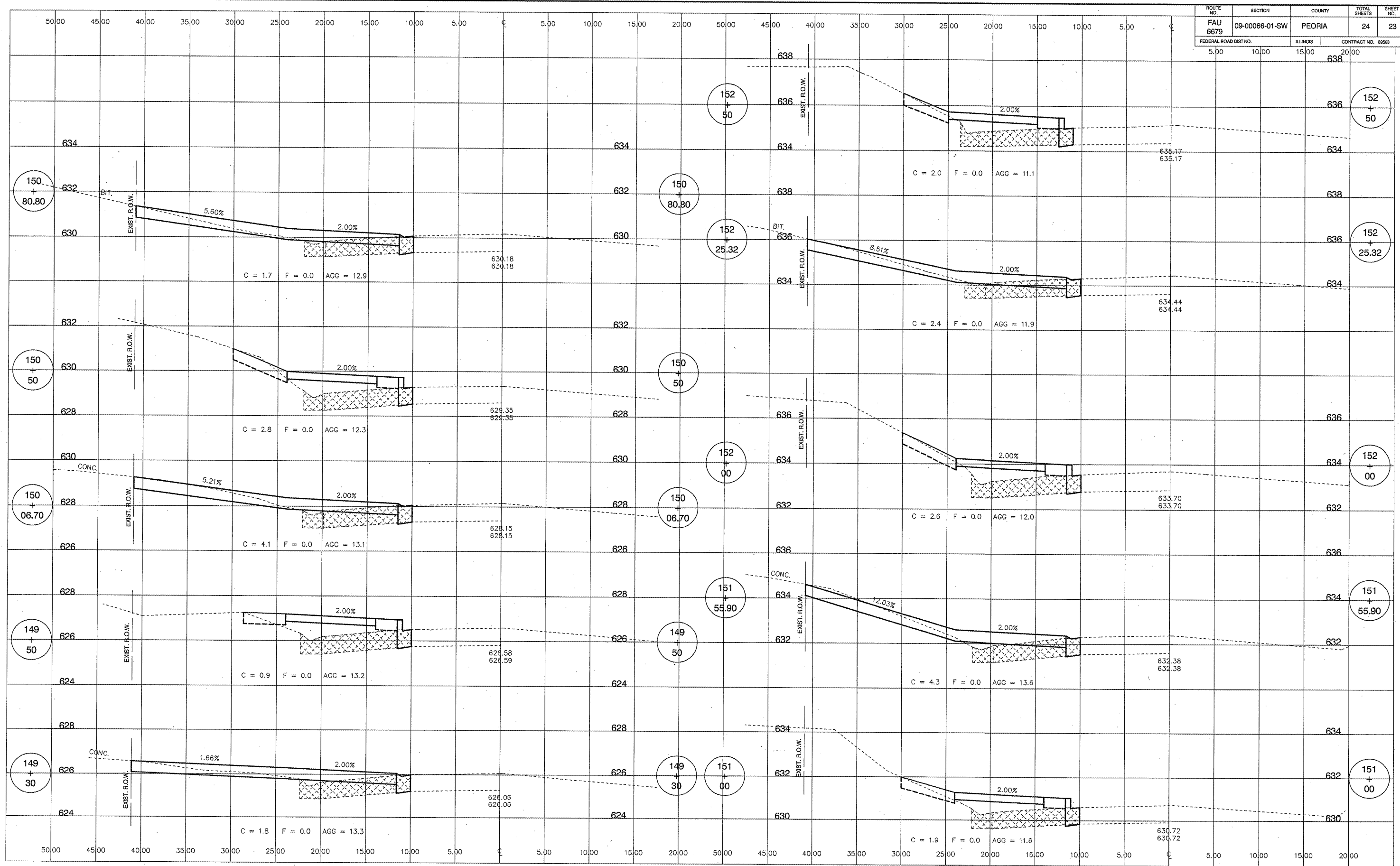
SURVEYED	MDP	CLIENT:
DRAWN	DEH	VILLAGE OF BARTONVILLE
CHECKED	SDK	PEORIA COUNTY, ILLINOIS
SCALE	1" = 5' H 1" = 2' V	
DATE	12-02-09	



REV	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE
				1" = 5' H 1" = 2' V	12-02-09

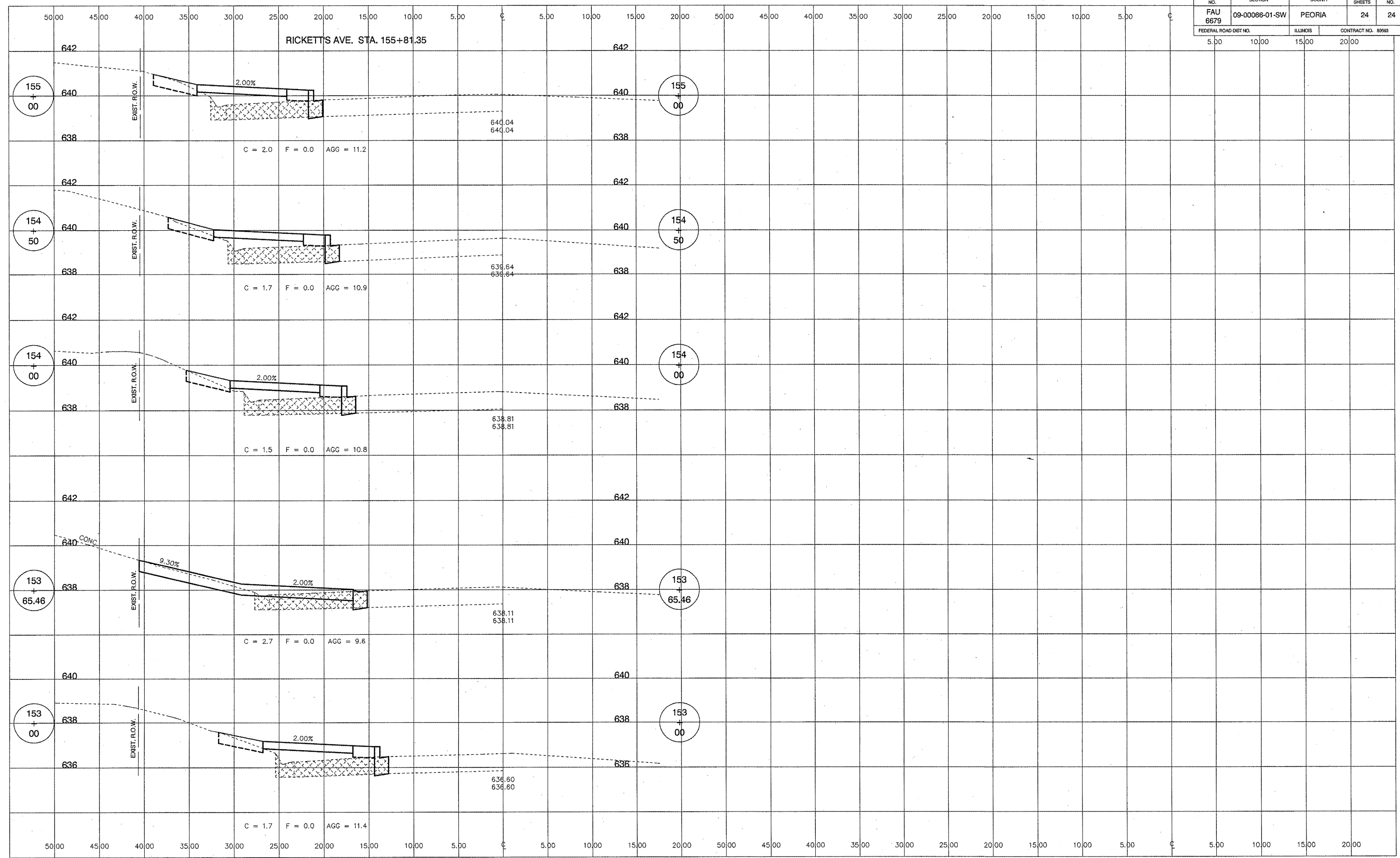
CLIENT: VILLAGE OF BARTONVILLE
 PEORIA COUNTY, ILLINOIS

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 14+00.31 TO STA. 149+00



REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6679	09-00066-01-SW	PEORIA	24	24
FEDERAL ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 89568		
5.00	10.00	15.00	20.00	



M MOHR & KERR ENGINEERING & LAND SURVEYING, P.C.
 7336 N. University Ave. Office: (309) 692-8500
 Peoria, Illinois 61614 Fax: (309) 692-8501
 www.mohrandkerr.com Professional Design Firm #184.005091

REV.	DATE	NATURE OF REVISION	CHECKED	SCALE	DATE

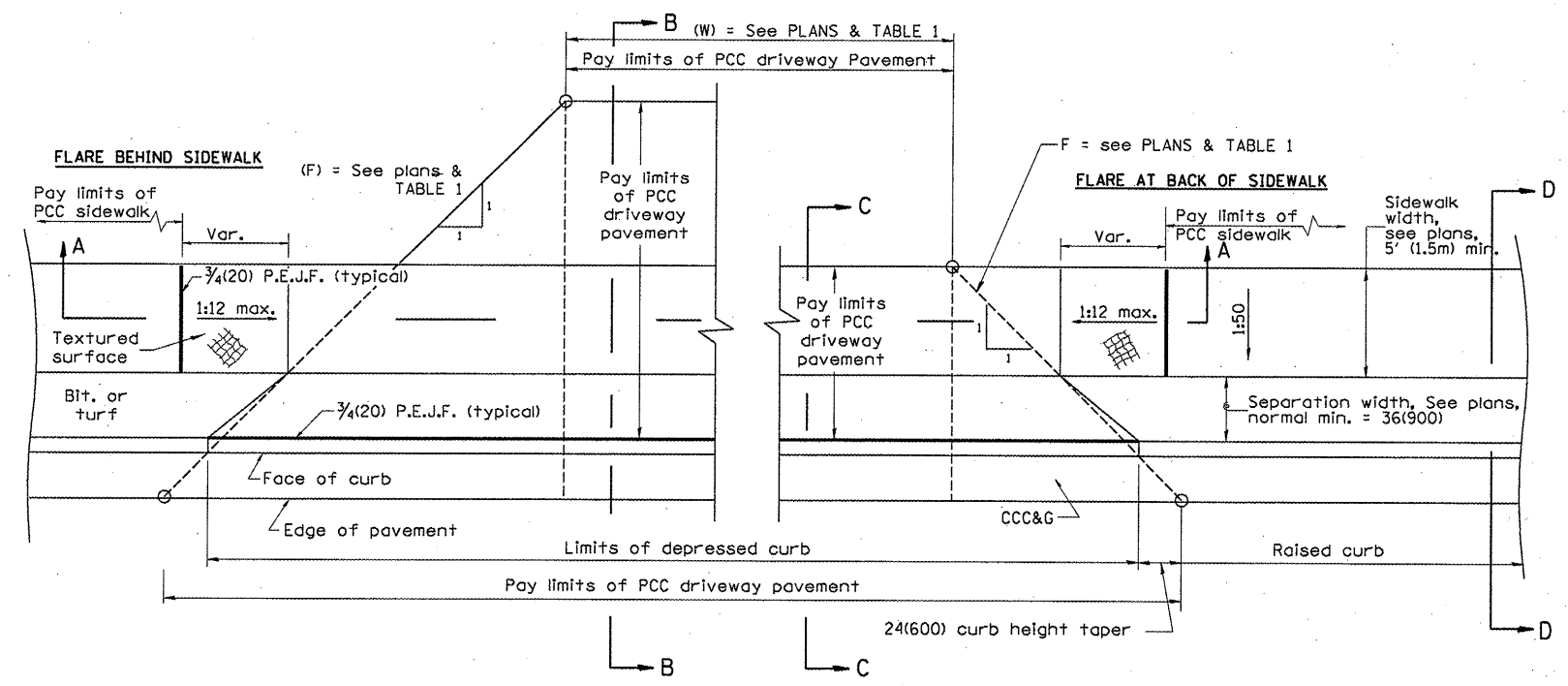
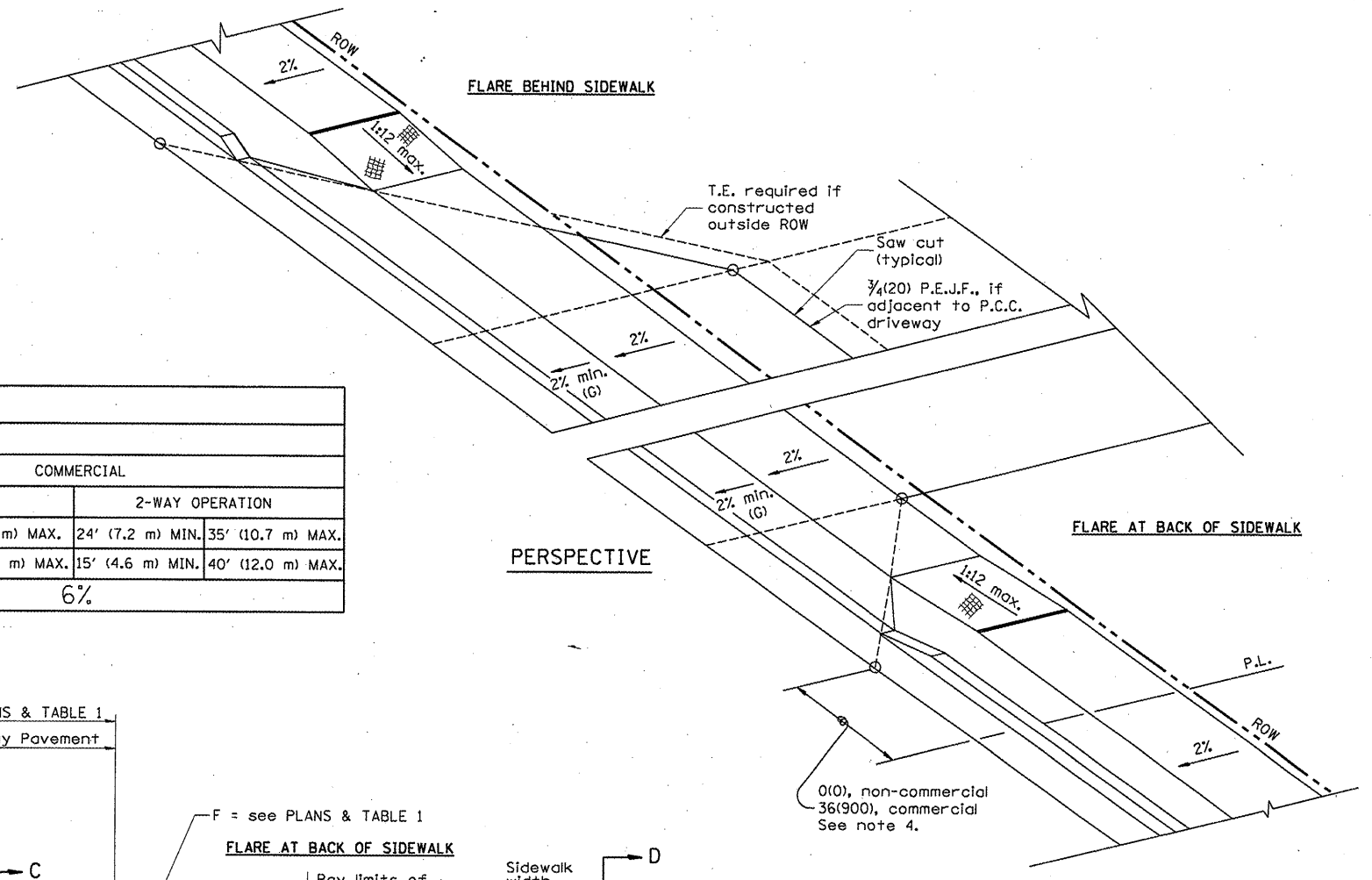
CLIENT: VILLAGE OF BARTONVILLE
 PEORIA COUNTY, ILLINOIS

TITLE: PFEIFFER ROAD SIDEWALK IMPROVEMENTS
 CROSS SECTIONS
 STA. 153+00 TO STA. 155+00

PROJECT NO. 09-122
 SHEET 24 OF 24
 DRAWING NO. 24

DESIGNER NOTES:
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
 1:1 FLARES ARE RECOMMENDED FOR SIDEWALKS WITH NARROW SEPARATIONS.
 2. DESIGNER SHOULD REVIEW BDE CHAPTER 56.
 3. STATE STANDARD 424001 SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING

TABLE 1					
URBAN ENTRANCE DESIGN CONTROLS					
ELEMENT	NON-COMMERCIAL		COMMERCIAL		
			1-WAY OPERATION	2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN. 35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN. 40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%		

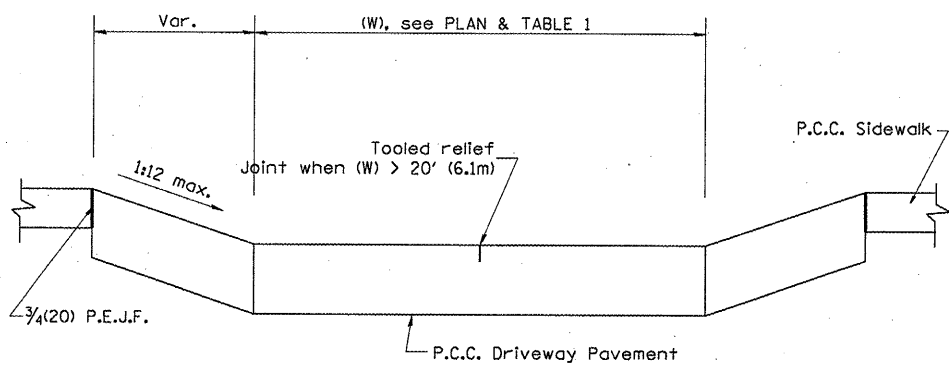


GENERAL NOTES

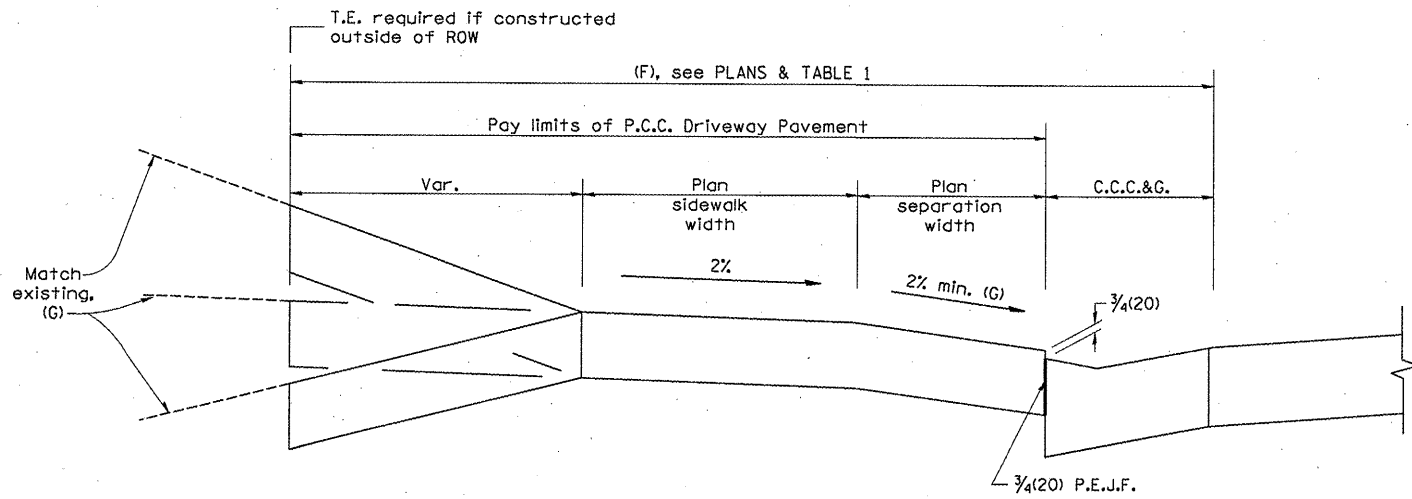
1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

89563

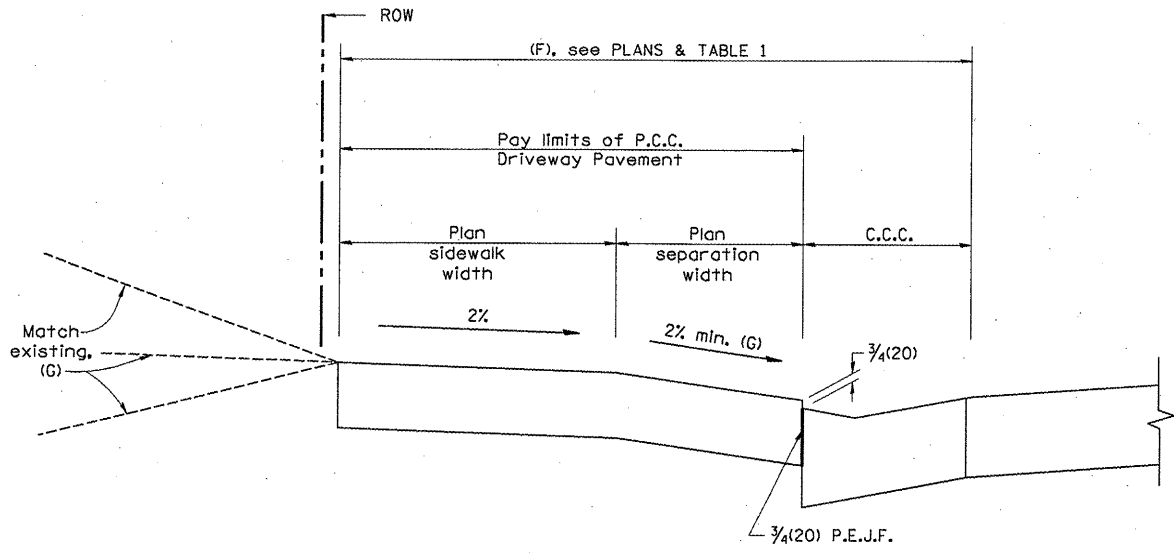
All dimensions are in inches (millimeters) unless otherwise noted.



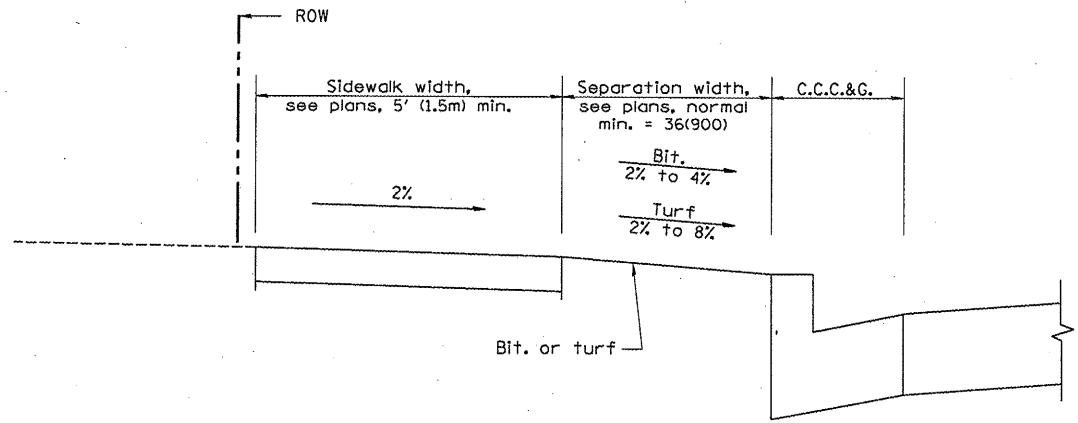
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

89563

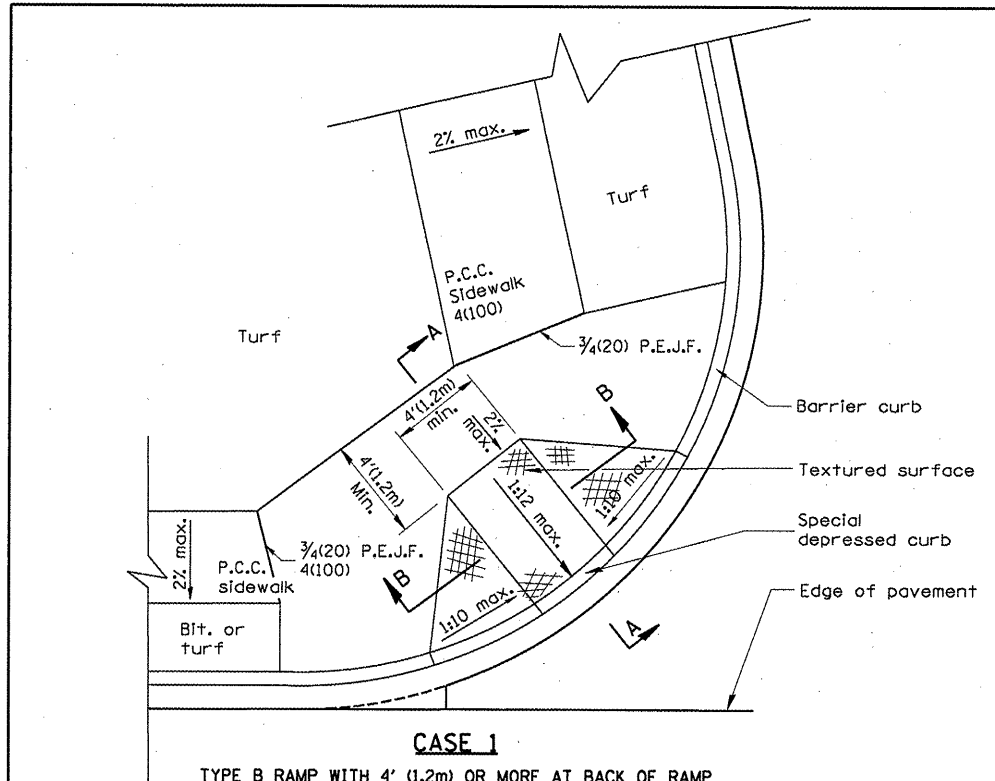
All dimensions are in inches (millimeters) unless otherwise noted.

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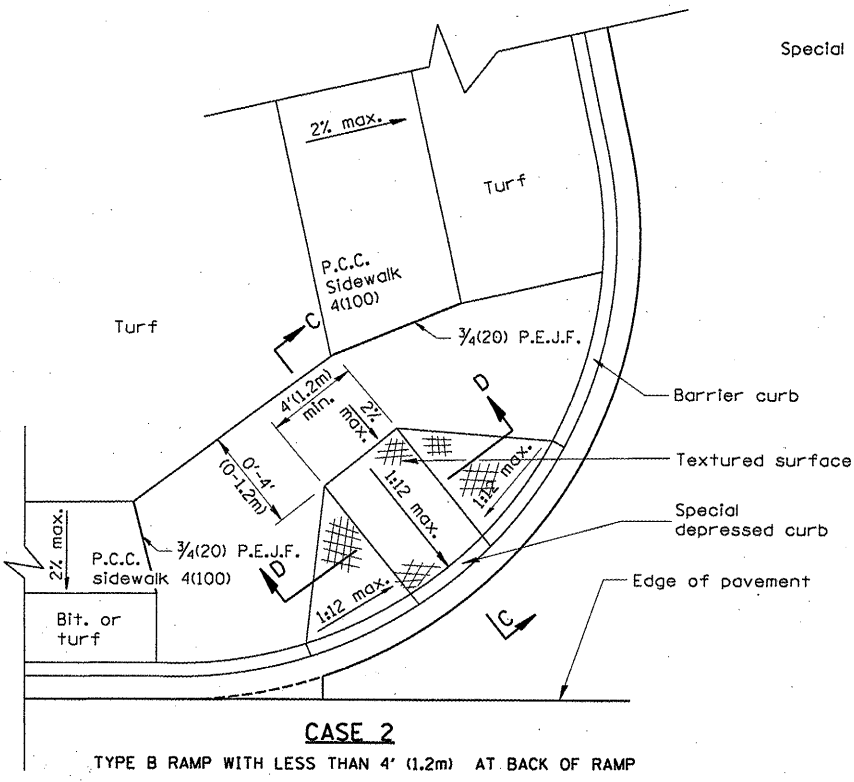
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED,
FOR SEPARATED SIDEWALKS
SHT. 2 OF 2
CADD STD. 423106-D4

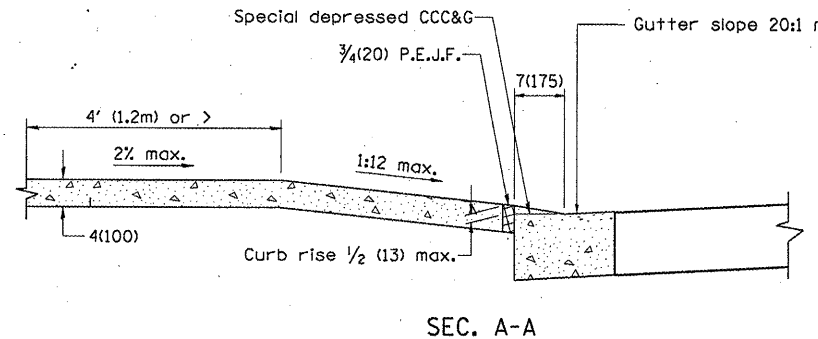
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				26
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



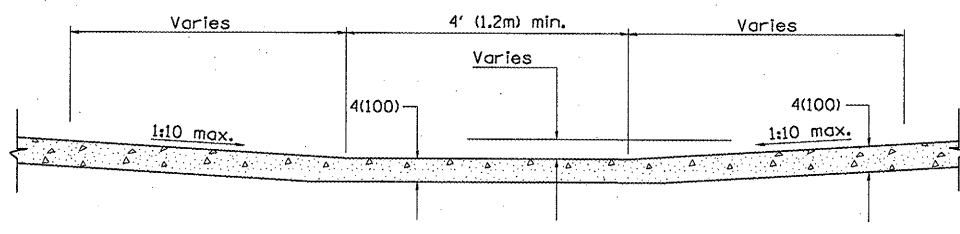
CASE 1
TYPE B RAMP WITH 4' (1.2m) OR MORE AT BACK OF RAMP



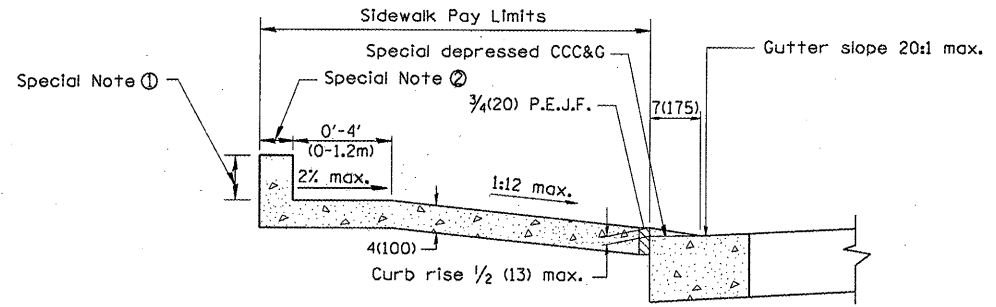
CASE 2
TYPE B RAMP WITH LESS THAN 4' (1.2m) AT BACK OF RAMP



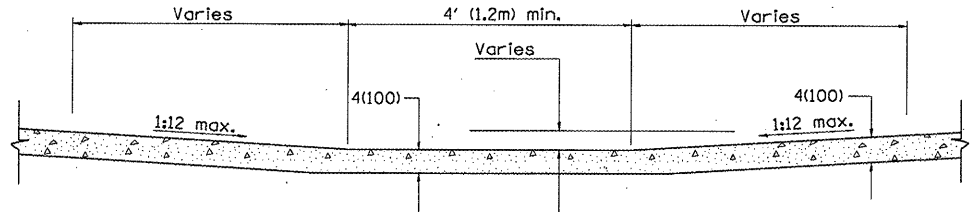
SEC. A-A



SEC. B-B



SEC. C-C



SEC. D-D

GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other design elements.
2. The controls shown on this standard are applicable to Type B Curb and Combination Concrete Curb & Sidewalk construction.
3. The maximum length of texturing shall be 6'(1.8m) unless otherwise shown.

SPECIAL NOTES

- ① Variable height edge treatment as required to match existing conditions. Maximum height = 9(225)
- ② 4(100) wall to be built outside of plan sidewalk width, if ROW allows.

DESIGNER NOTES:
 1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001.
 2. DESIGNER SHOULD REVIEW CHAPTER 58 OF THE BDE FOR ADA REQUIREMENTS.

01-01-97	RENUM. A-5.01. NEW REVISION BOX, REVISED TITLE	T.P.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMPS, ACCESSIBLE TO THE DISABLED

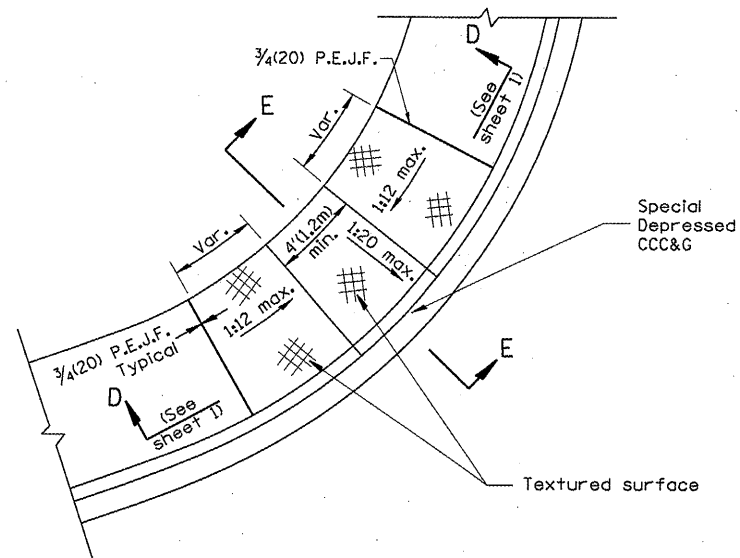
NOT TO SCALE

SHT. 1 OF 2
CADD STD. 424001-D4

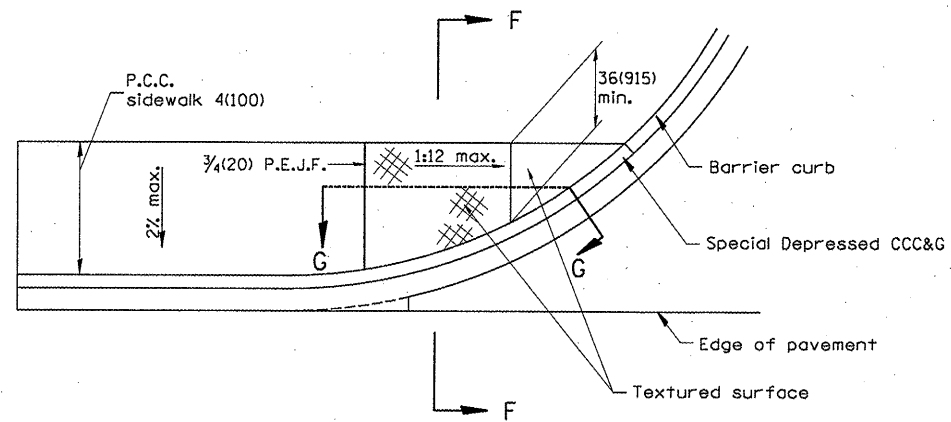
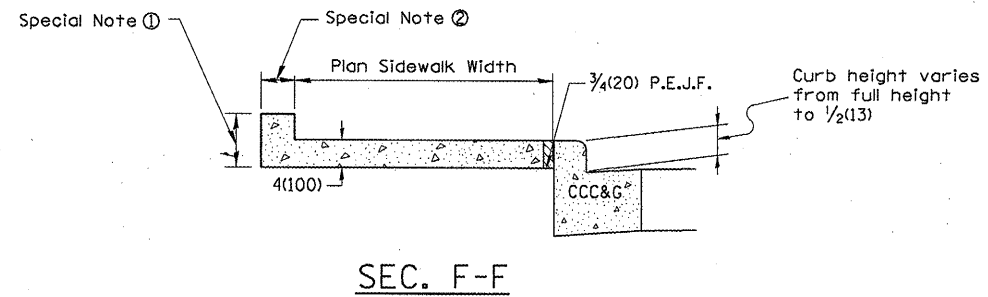
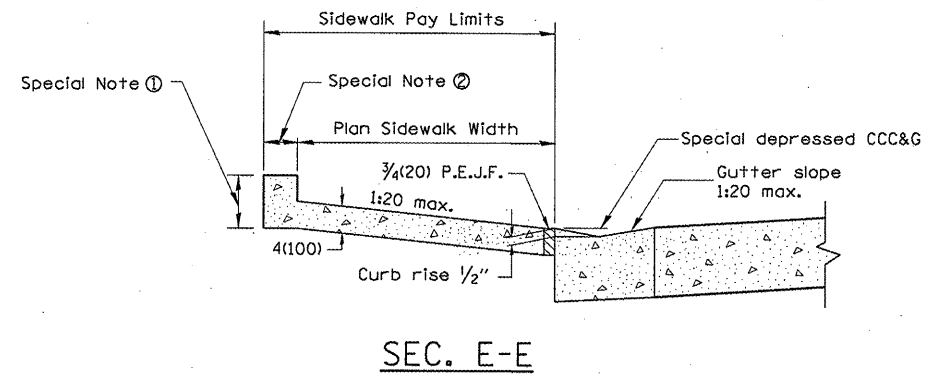
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				27
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

89563

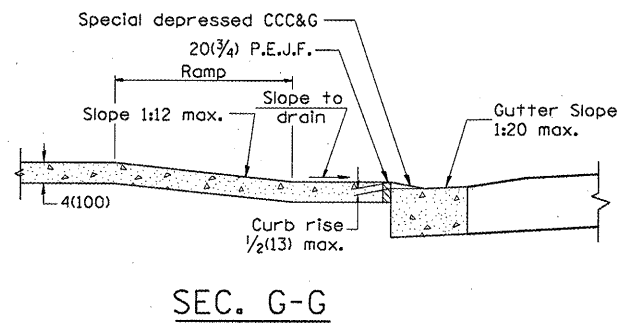
All dimensions are in inches (millimeters) unless otherwise noted.



CASE 3
TYPE B DIAGONAL RAMP WITH CURBLIN SIDEWALK



CASE 4
TYPE B RAMP WITH CURBLIN SIDEWALK

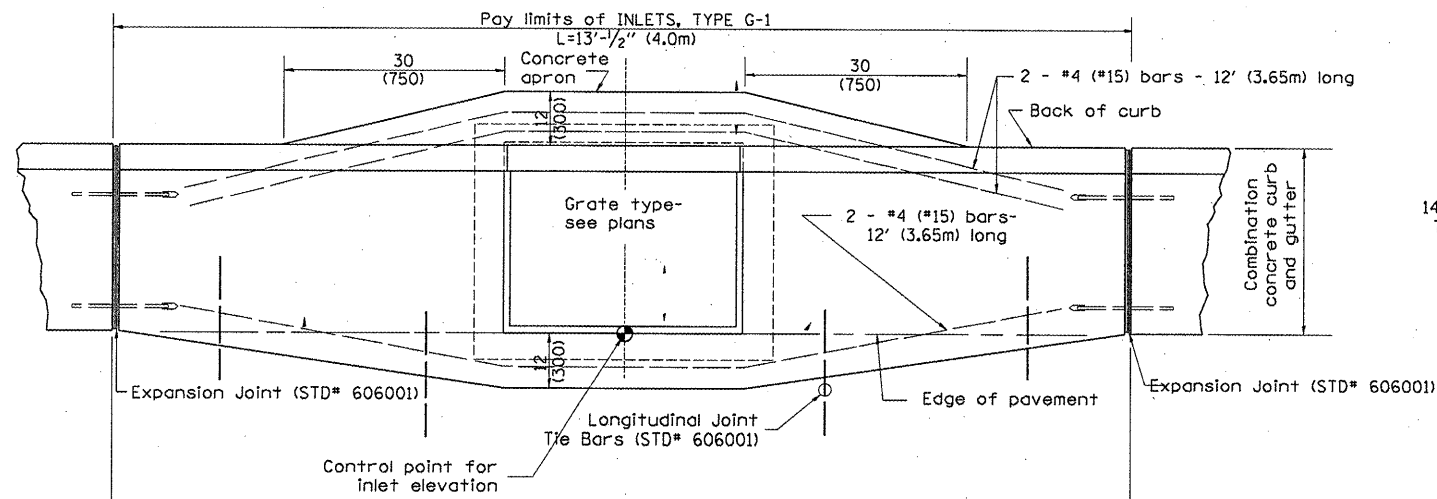


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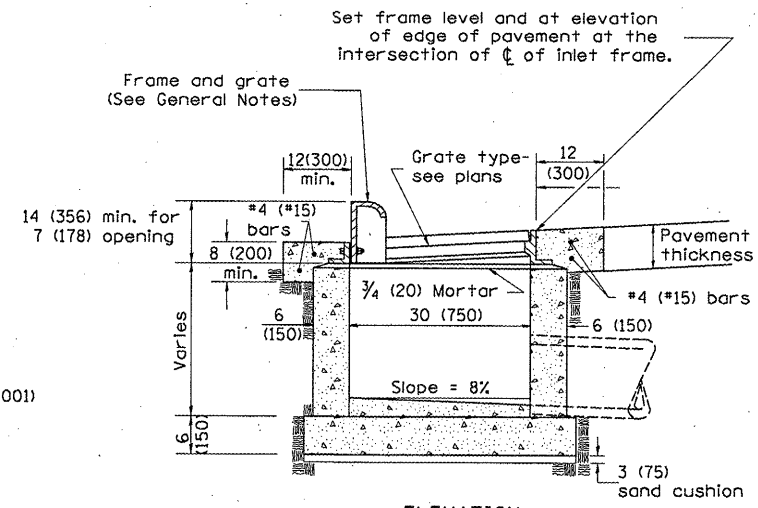
All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SIDEWALK RAMPS, ACCESSIBLE TO THE DISABLED				SHT. 2 OF 2 CADD STD. 424001-04		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 28	
NOT TO SCALE				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO.			

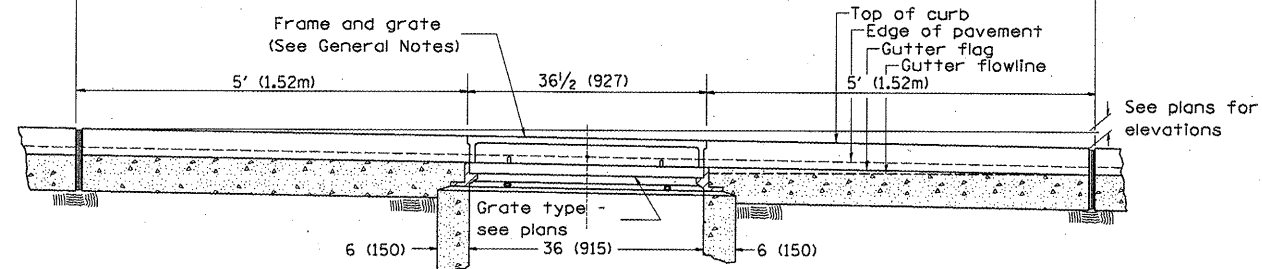
DESIGNER NOTES:
 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates and specify grate type in plans.
 4. Include District Special Provision. Pay item includes transitional c.c.c. & g., inlet and frame and grate.
 5. The designer should include pavement removal quantities when the apron requires pavement removal.



PLAN



ELEVATION SIDE



ELEVATION FRONT

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

89563

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

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
02-00	REVISION TO DESIGNER NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

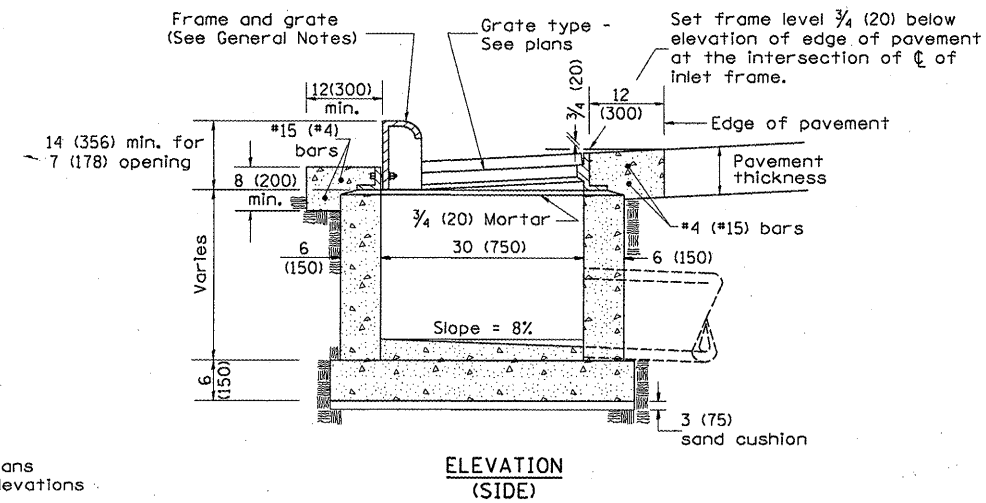
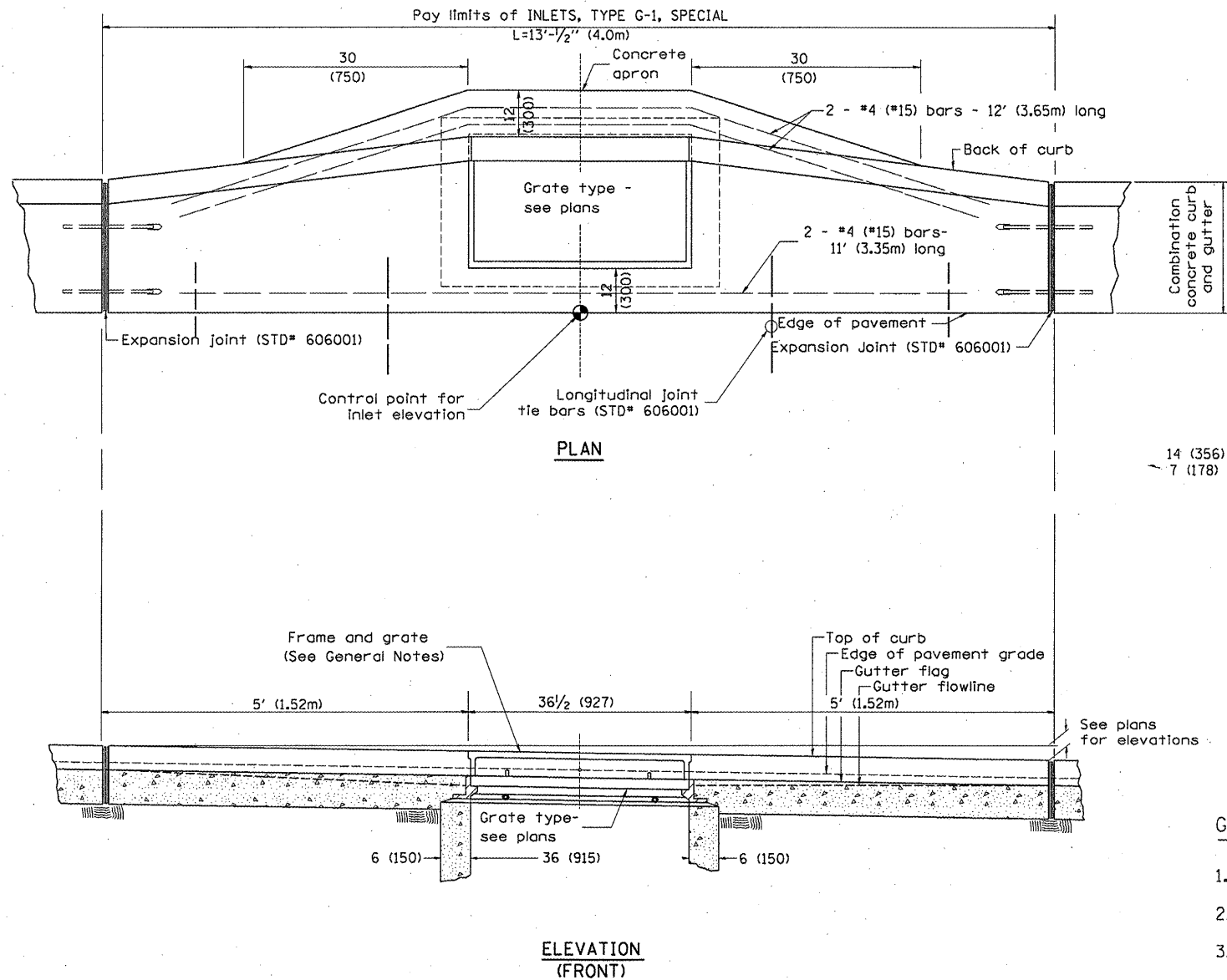
NOT TO SCALE

INLETS, TYPE G-1

CADD STD. 602001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				29
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates.
 4. Include District Special Provision. Pay item includes transitional c.c. & g., inlet and frame and grate. All work within pay limits.
 5. Specify grate type in plans.



GENERAL NOTES

- Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
- Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
- See District CADD Standard 604001-D4 for frame and grates.

89563

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

01-01-97	RENUM. B-4.02, NEW REVISION BOX	
12-01-98	CORRECT E.O.P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

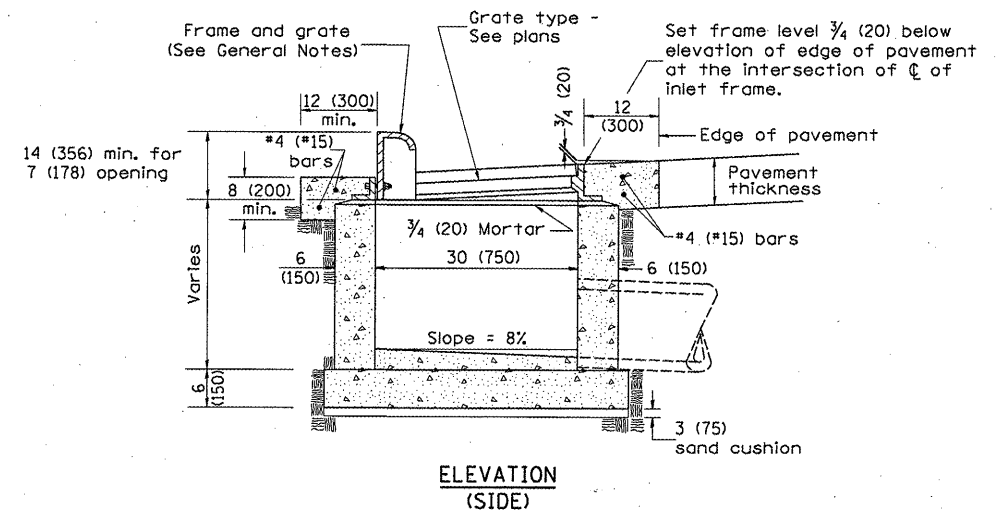
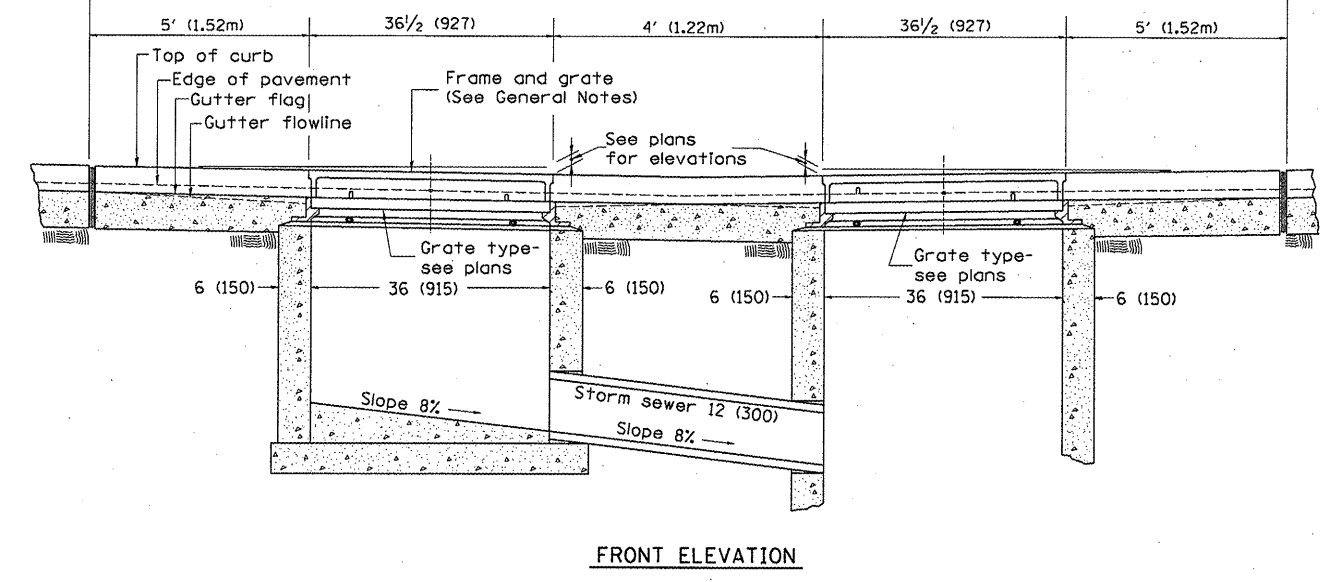
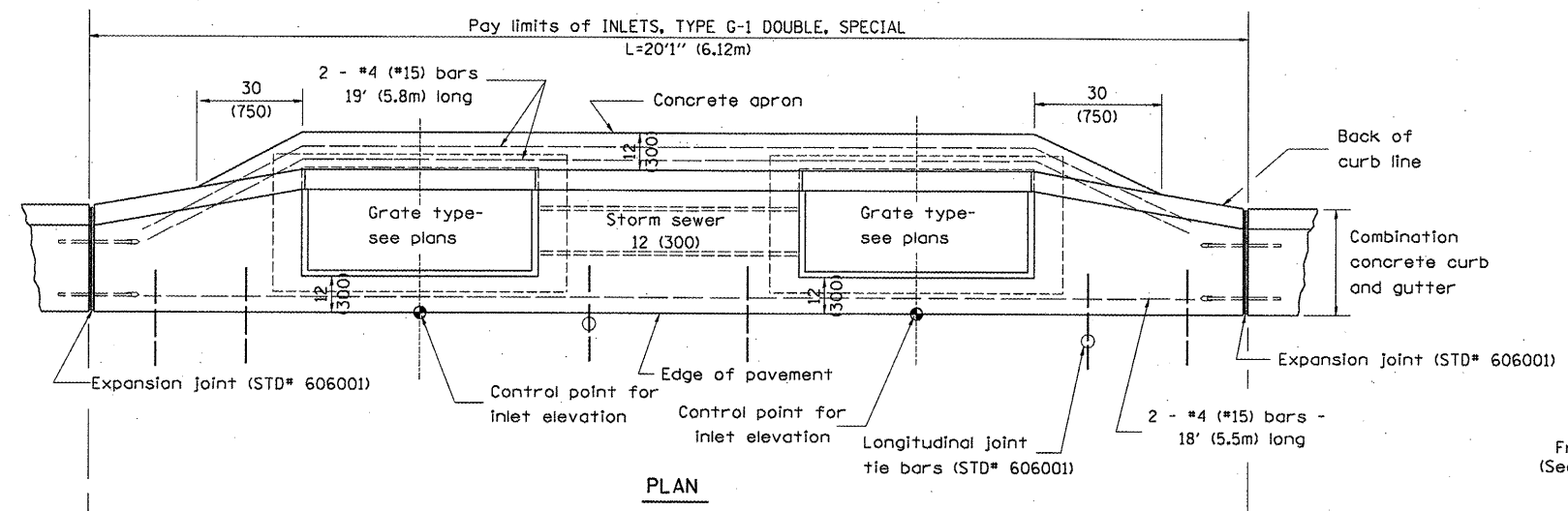
NOT TO SCALE

INLETS, TYPE G-1, SPECIAL

CADD STD. 602006-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				30
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates.
 4. Include District Special Provision. Pay item includes transitional c.c.c. & g., inlet and frame and grate. All work within pay limits.
 5. Specify grate type in plans.



- GENERAL NOTES
1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
 2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
 3. See District CADD Standard 604001-D4 for frame and grates.

89563

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

01-01-97	RENUM. B-4.04, NEW REVISION BOX	T.P.							
04-01-97	CORRECT DIMENSIONS	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

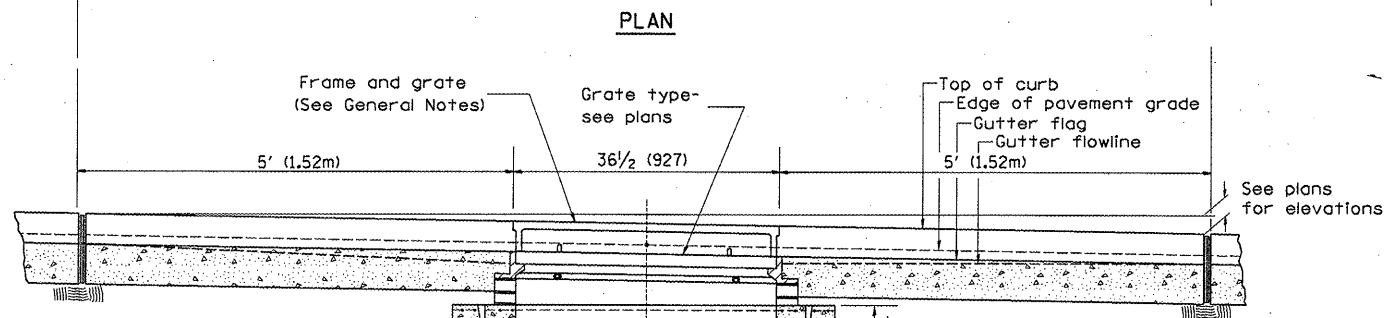
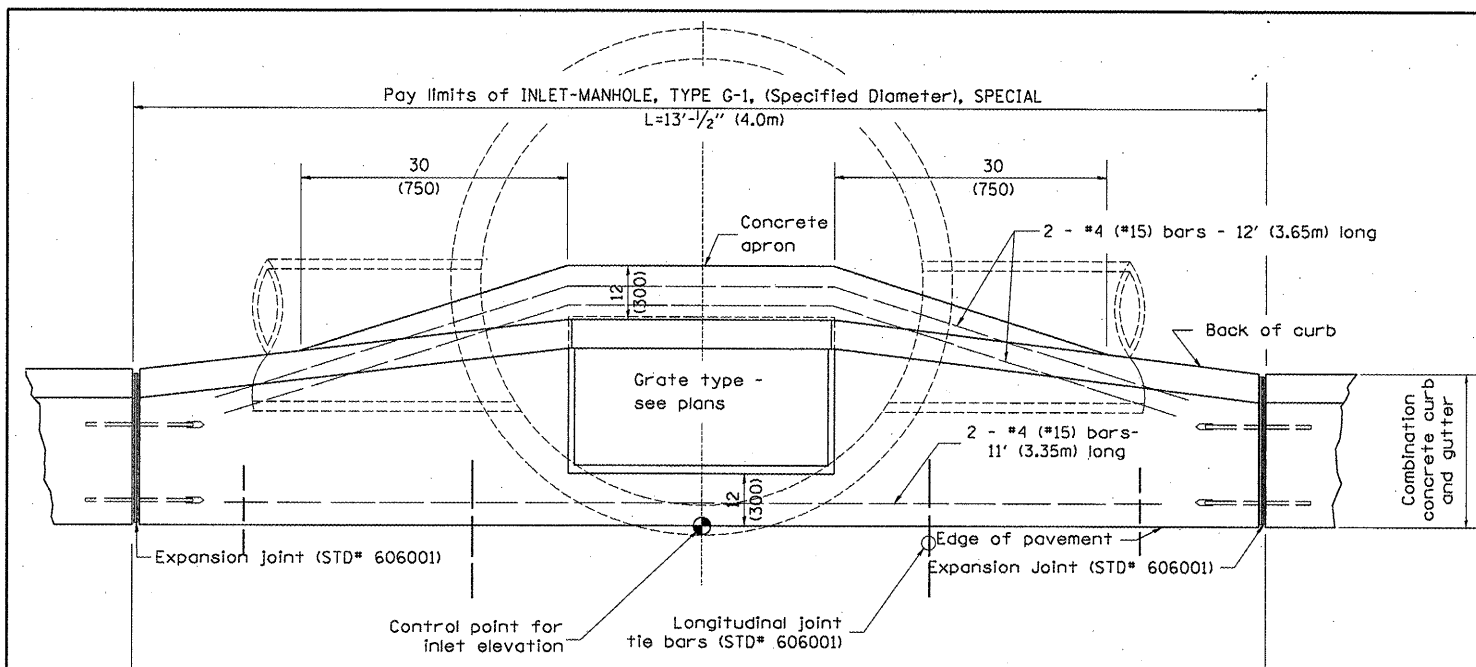
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-1 DOUBLE, SPECIAL

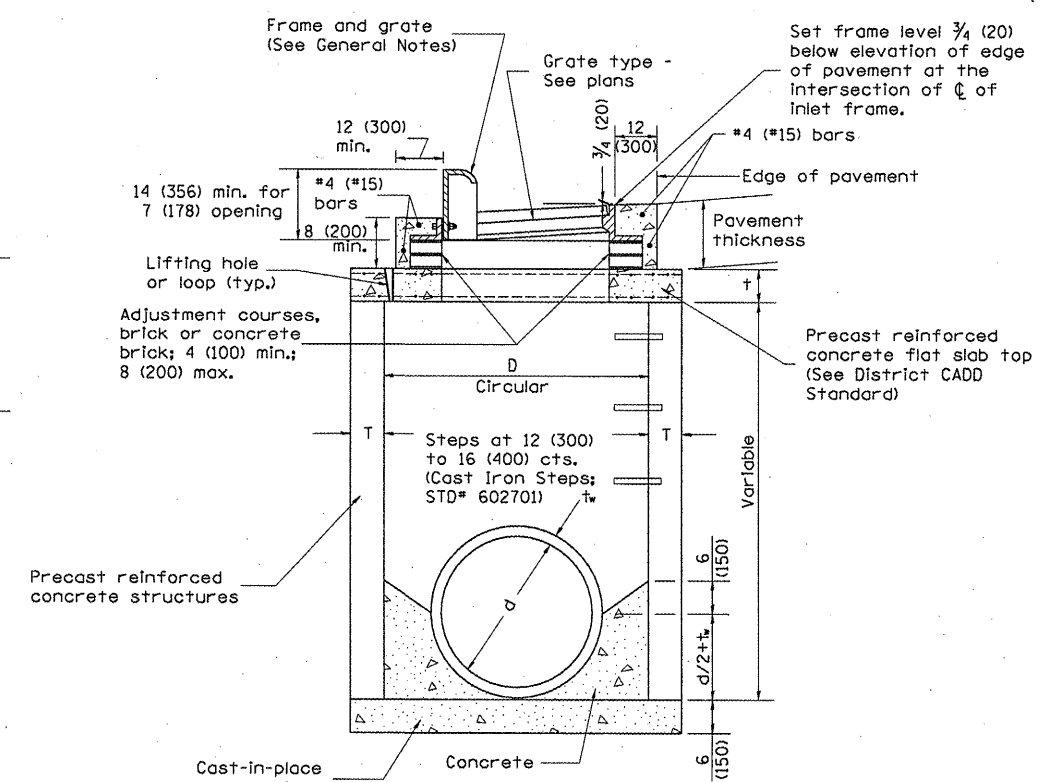
NOT TO SCALE

CADD STD. 602016-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				31
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



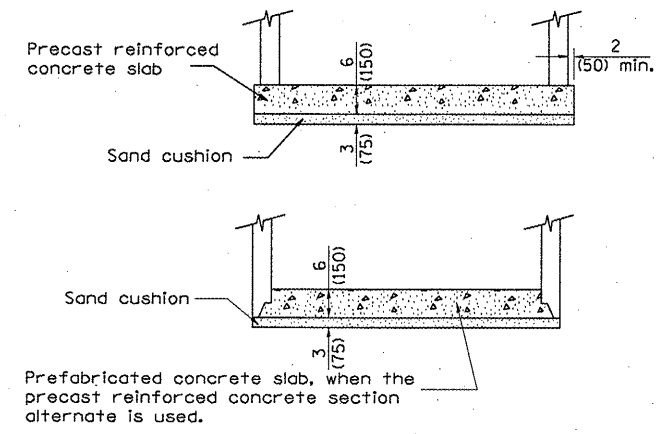
ELEVATION (FRONT)



ELEVATION (SIDE)

TABLE

D	T	t
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7 3/4 (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

89563

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

DESIGNER NOTES:

1. Include State STD# 606001 for combination concrete curb and gutter details.
2. Include State STD# 602701 for pavement joints.
3. Include State STD# 604001 for frames and grates.
4. Include District CADD Standard for precast reinforced concrete flat slab top.
5. Include District CADD Standard for precast reinforced concrete flat slab top.
6. Include District Special Provision. Pay Item includes inlet - manhole, flat slab top, transitional c.c.c.g. and frame and grate. All work within pay limits.
7. Specify diameter of inlet - manhole in plans.
8. Specify grate type in plans.

01-01-97	RENJL B-4.06, NEW REVISION BOX	T.P.
12-01-98	CORRECT E.O.P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

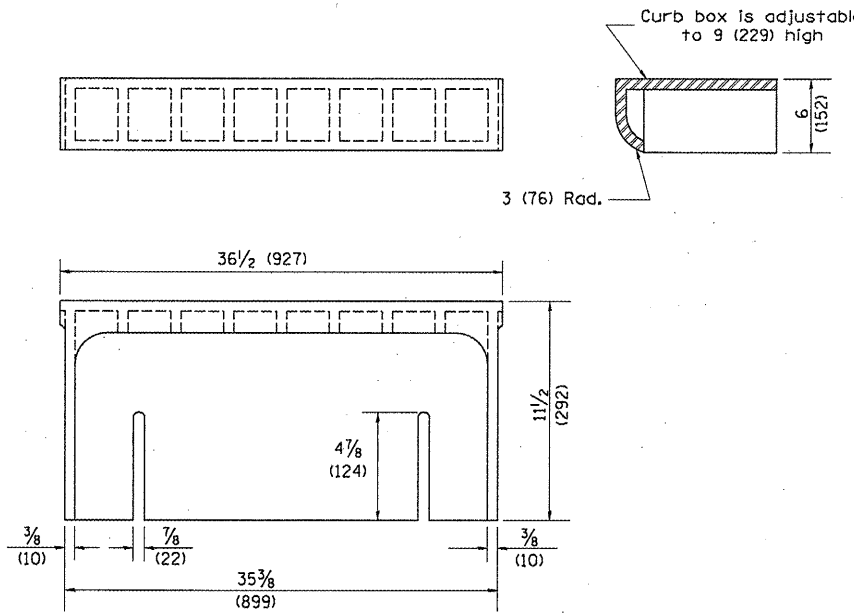
INLET-MANHOLE, TYPE G-1, SPECIAL

NOT TO SCALE

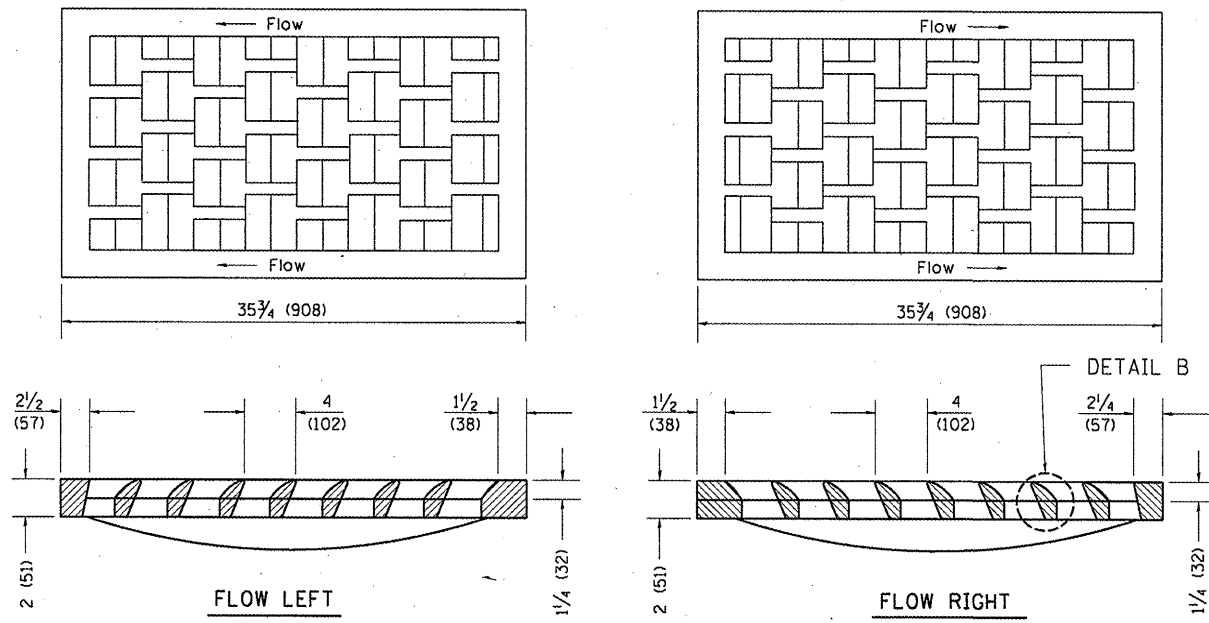
CADD STD. 602026-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				32
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

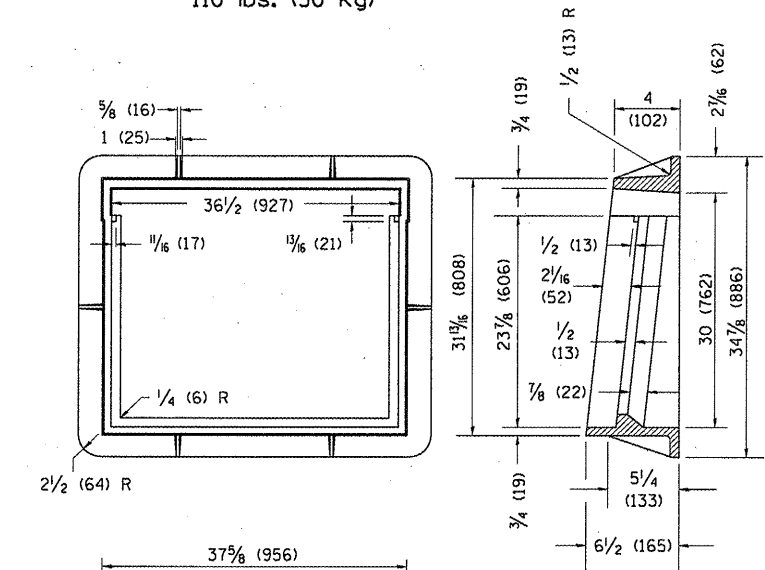
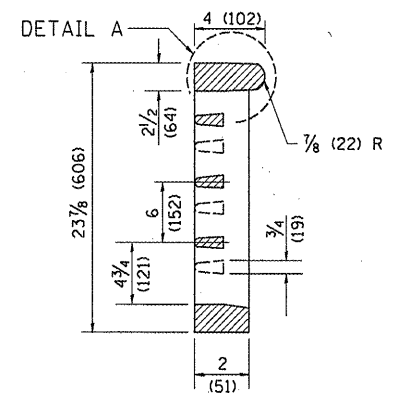
1. Include this standard with all Type G-1 and Type G-1, Special Drainage Structures.
2. Specify grate types and flow directions in plans.
3. These castings are included in the cost of the drainage structures as per District Special Provision. Inlet Frames, R-3246-A, Curb Box, R-3290
4. This drawing based upon "NEENAH" designs as follows: Reversible Diagonal Grate, R-3246-A Vane Grates: R-3246-AL (Flow left) R-3246-AR (Flow right)



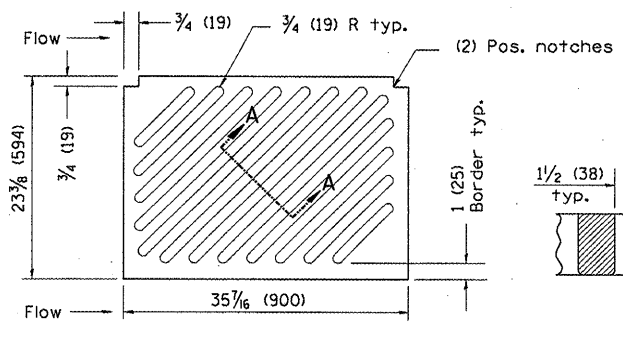
CAST CURB BOX
110 lbs. (50 kg)



CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)



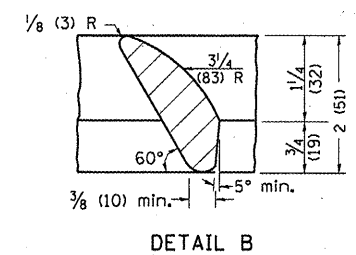
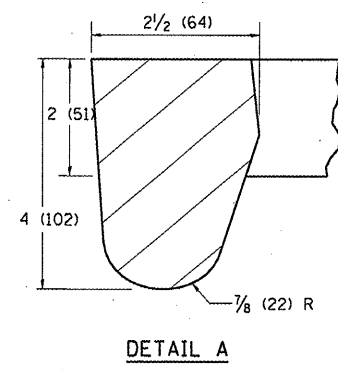
CAST FRAME
271 lbs. (123 kg)



CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)

GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.



89563

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

01-01-97	RENUJA, B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,
SPECIAL DRAINAGE STRUCTURES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				34
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOT TO SCALE

CADD STD. 604001-D4