

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	1
FED. ROAD DIST. NO.		ILLINOIS		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
SURFACE TRANSPORTATION /RURAL PROGRAM**

TR 199A, TR 92, FAS 566(CH 10)

SECTION 05-00113-00-WR

LOGAN COUNTY

PROJECT RS-0566 (106)

JOB NUMBER C-96-224-09

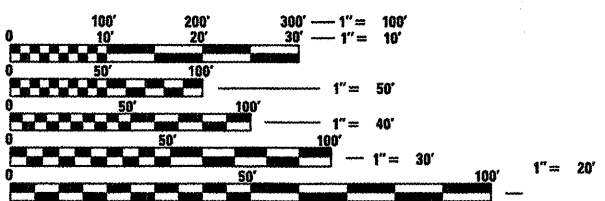
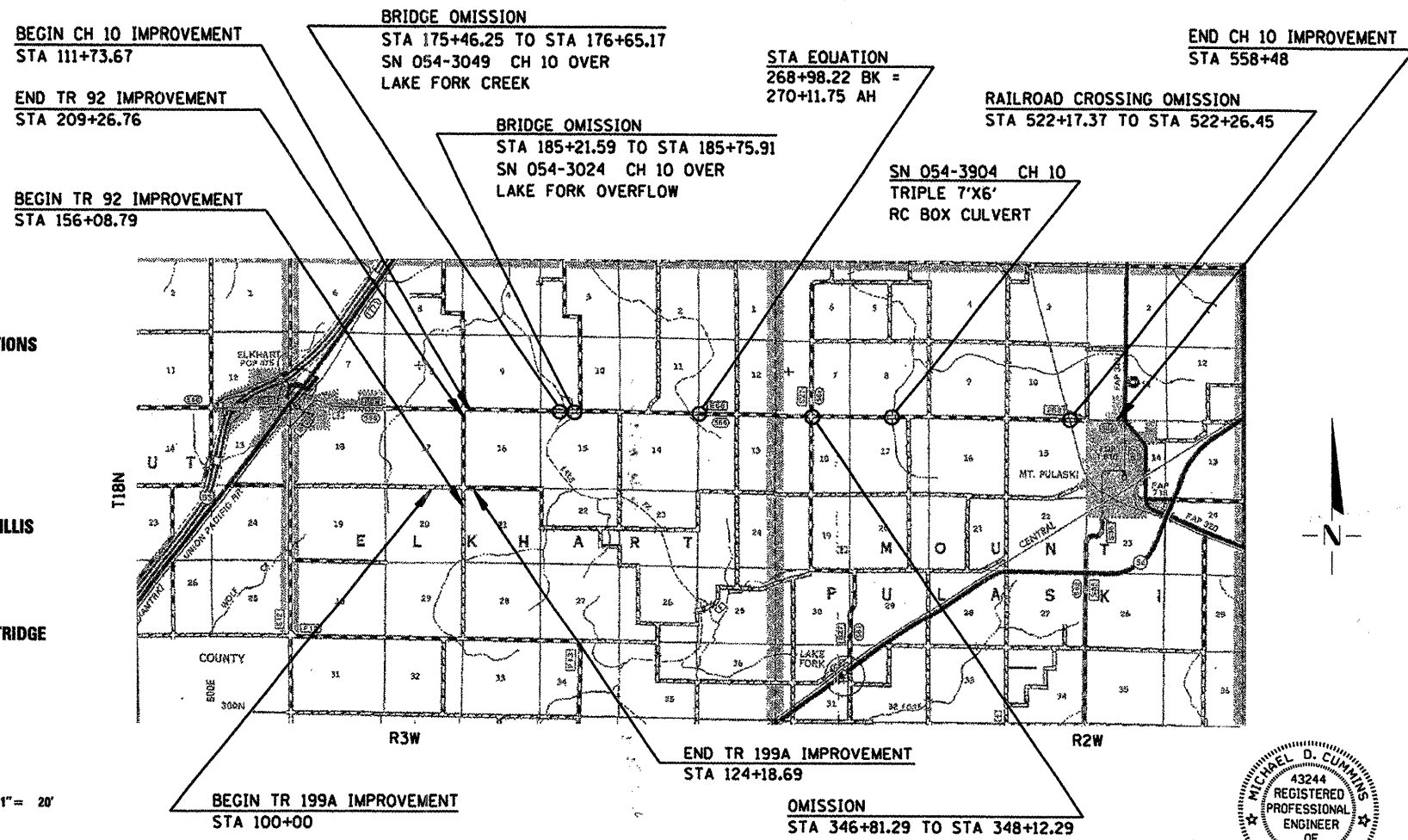
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UTILITY CONTACTS:

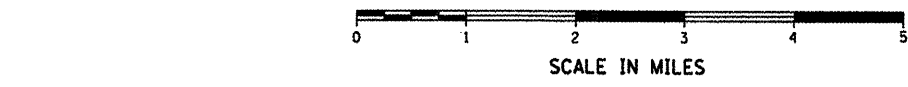
UTILITY TYPE:	UTILITY TYPE:
OVERHEAD ELECTRIC MENARD ELECTRIC. (217) 632-7746 ATTN: JAMES RECHNER	CABLE INSIGHT COMMUNICATIONS (217) 424-4232 ATTN: ROBERT DAVIS
UTILITY TYPE: TELEPHONE FRONTIER COMMUNICATIONS (402) 250-1095 ATTN: BILL DANIEL	UTILITY TYPE: TELEPHONE VERIZON NORTH (309) 827-1617 ATTN: MARY RUTH WILLIS
UTILITY TYPE: AMEREN CILCO (309) 693-4839 ATTN: KENT KOWALSKA	UTILITY TYPE: CITY OF MT. PULASKI (217) 792-3956 ATTN: MICHAEL R. PATRIDGE



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. **93482**
CUMMINS ENGINEERING CORPORATION SPRINGFIELD, ILLINOIS



GROSS LENGTH OF SECTION	52,297.46 FEET	9.905 MILES
NET LENGTH OF SECTION	51,960.14 FEET	9.841 MILES

TR 199A (600th ST): MAJOR COLLECTOR DESIGN SPEED: 40 MPH ADT: <400 (3R)	TR 92 (800th AVE): MAJOR COLLECTOR DESIGN SPEED: 50 MPH ADT: 400-750 (NEW CONST.)	CH 10 (700th ST): MAJOR COLLECTOR DESIGN SPEED: 50 MPH ADT: 1,000-3,000 (3R)
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Michael D. Cummins (1/24/2009)
ILLINOIS PROFESSIONAL NO. 43244
(Expires 11/30/09)

APPROVED JAN 20 2009
[Signature]
COUNTY ENGINEER

PASSED FEB 11 2009
[Signature]
DISTRICT SIX ENGINEER OF LOCAL ROADS AND STREETS

PASSED February 5 2009
[Signature]
DISTRICT ENGINEER OF CONSTRUCTION

RELEASED FOR BID BASED ON LIMITED REVIEW FEB 11 2009
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS,
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**LIST OF ILLINOIS
DOT HIGHWAY STANDARDS**

280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERT
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL TYPE 2
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-03	OFF ROAD OPERATIONS 2L, 2W 15 FT FROM EOP
701011-02	OFF ROAD MOVING OPERATIONS 2L, 2W DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATION, DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATION OF RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 26-1	STEEL PLATE GUARDRAIL 27 1/2" HEIGHT
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A

GENERAL NOTES

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE ANY SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.
SEEDING CLASS 2 (SPECIAL) = 5.75 ACRES
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.
- MIXTURE REQUIREMENTS:
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION(S):	CH 10	TR 92	TR 199A, TR 92
MIXTURE USE(S):	CLASS D PATCHING	HMA BASE COURSE	HMA BINDER
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 19.0
FRICITION AGGREGATE:	N/A	N/A	N/A

LOCATION(S):	TR 199A, TR 92	CH 10
MIXTURE USE(S):	HMA SURFACE	HMA SHOULDER
PG:	PG 64-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70	2.0% @ N DESIGN = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	BAM
FRICITION AGGREGATE:	MIX "C"	N/A

SUMMARY OF QUANTITIES				TR 199A (600TH ST)	TR 92 (800TH AVE)	FAS 566 (CH 10)
CODE	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				I000	I000	J000
20200100	EARTH EXCAVATION	CU YD	4,760		4,610	150
• 20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	890			890
20400800	FURNISHED EXCAVATION	CU YD	3,735		905	2,830
• 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	5.75		3.62	2.13
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,575		362	2,213
28000300	TEMPORARY DITCH CHECKS	EACH	94		52	42
28000500	INLET AND PIPE PROTECTION	EACH	6		6	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	3,615		1,175	2,440
• 35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	1,833			1,833
• 35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	322		322	
• 35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	17		17	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	296	3	32	261
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200		50	150
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,323	663	1,457	203
40600300	AGGREGATE (PRIME COAT)	TON	42	13	29	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,750	304	80	1,366
40600990	TEMPORARY RAMP	SQ YD	54	36	18	
• 40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3,398	920	2,469	9
• 40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,899	545	1,351	3
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	339	34		305
42001300	PROTECTIVE COAT	SQ YD	117,952			117,952
44000100	PAVEMENT REMOVAL	SQ YD	1,692			1,692
• 44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4 "	SQ YD	116,284			116,284
• 44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	6,450	6,450		
• 44004402	PAVEMENT REMOVAL (SPECIAL)	CU YD	93		93	
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	56			56
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	75			75
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	1,360			1,360
44213200	SAW CUTS	FOOT	3,722			3,722
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5,084	238	1,068	3,778
• 48101800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	23,494			23,494
• 48203100	HOT-MIX ASPHALT SHOULDERS	TON	54			54
50105220	PIPE CULVERT REMOVAL	FOOT	152		152	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2		2	
60255500	MANHOLES TO BE ADJUSTED	EACH	2			2
•▲63000002	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6.75 FOOT Posts	FOOT	2,287.5			2,287.5
•▲63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	137.5			137.5
•▲63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	25.0			25.0
▲63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1
▲63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	8			8
▲63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	21			21
63200310	GUARDRAIL REMOVAL	FOOT	1,798			1,798
67100100	MOBILIZATION	L SUM	1		0.5	0.5
• 70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			1
• 70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
• 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		1	
• 70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1			1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,972	976	556	4,440
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	126,277	5,091	11,908	109,278
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,743	82	178	1,483
▲78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	126,277	5,091	11,908	109,278
▲78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	373			373
▲78200405	GUARDRAIL MARKERS	EACH	60			60
▲78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	21			21
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	36		36	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	176		176	
• XX007777	PORTLAND CEMENT CONCRETE OVERLAY 5 1/4 "	SQ YD	117,952			117,952
• XX007371	PORTLAND CEMENT CONCRETE PAVEMENT, FURNISHED	CU YD	17,274			17,274
• XX006856	BITUMINOUS MATERIALS (COLD-IN-PLACE RECYCLING)	GALLON	60,325			60,325
• Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1
•XX007947	FULL-DEPTH RECYCLING OF FLEXIBLE PAVEMENT, 8"	SQ YD	15,082			15,082
•XX007781	PLACEMENT OF SALVAGED BASE MATERIAL	SQ YD	349		349	

* SEE SPECIAL PROVISIONS

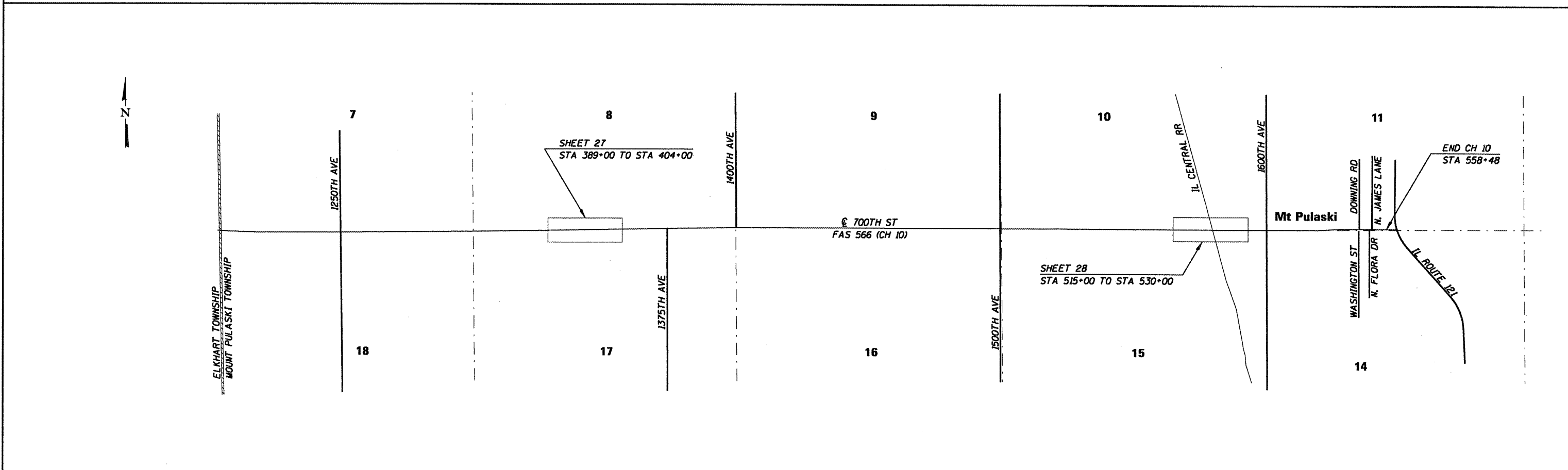
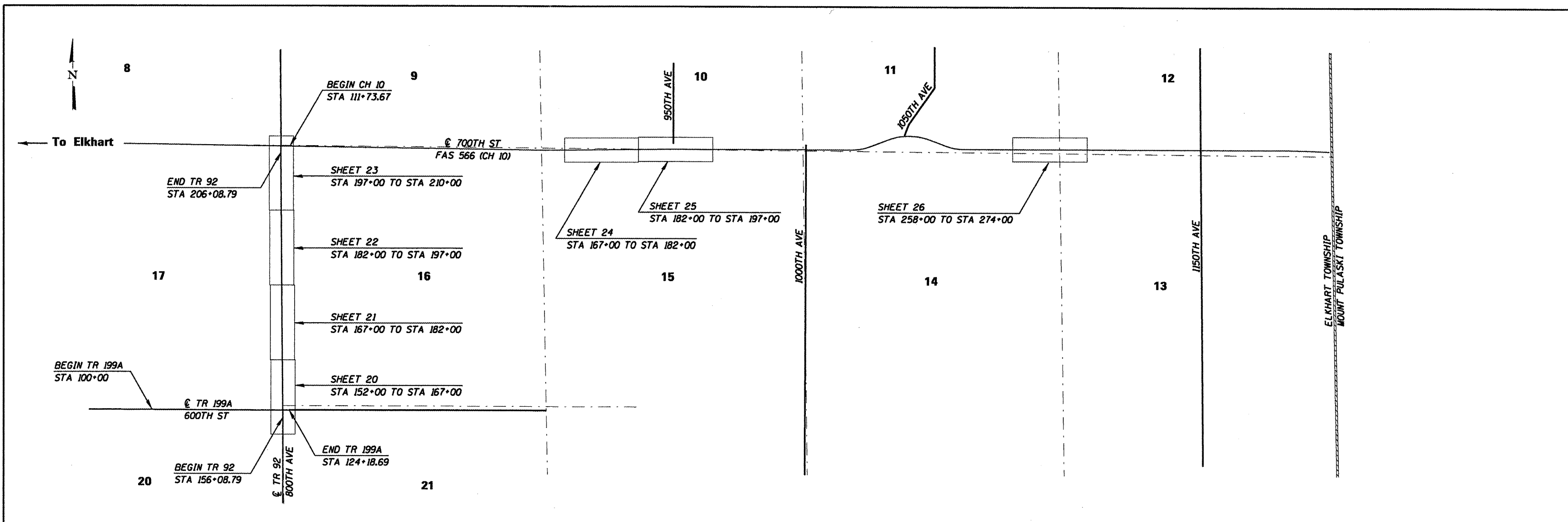
▲ SPECIAL ITEMS

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**LOGAN COUNTY
CH 10, 600TH ST, 800TH AVE IMPROVEMENTS**

STANDARDS, SUMMARY OF QUANTITIES, GENERAL NOTES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	2
CH 10, TR 199A, TR 92		CONTRACT NO. 9348		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

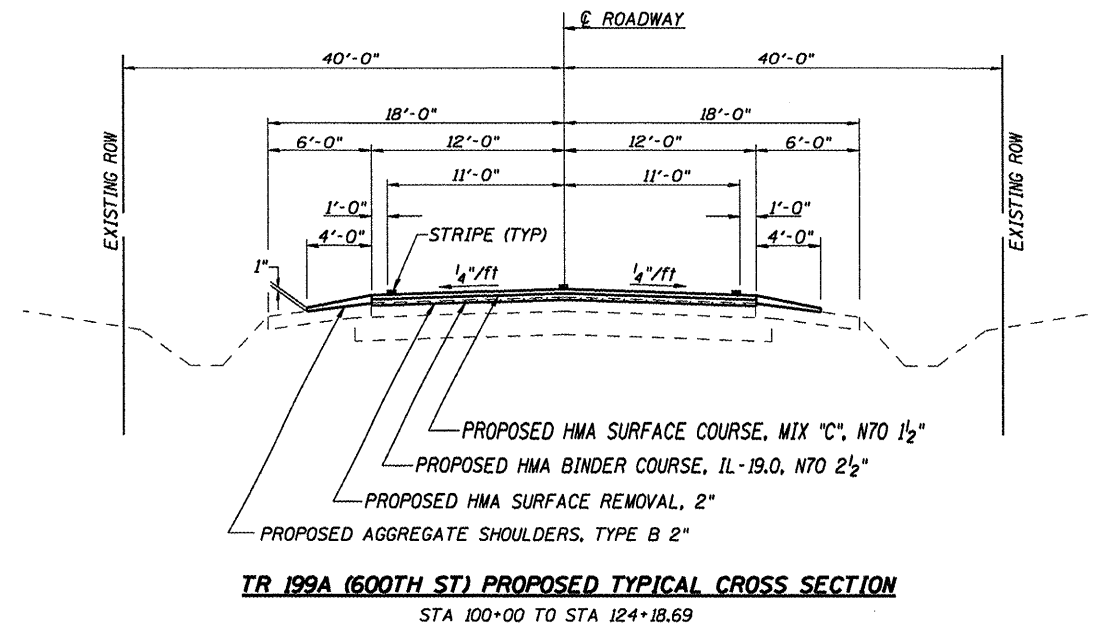
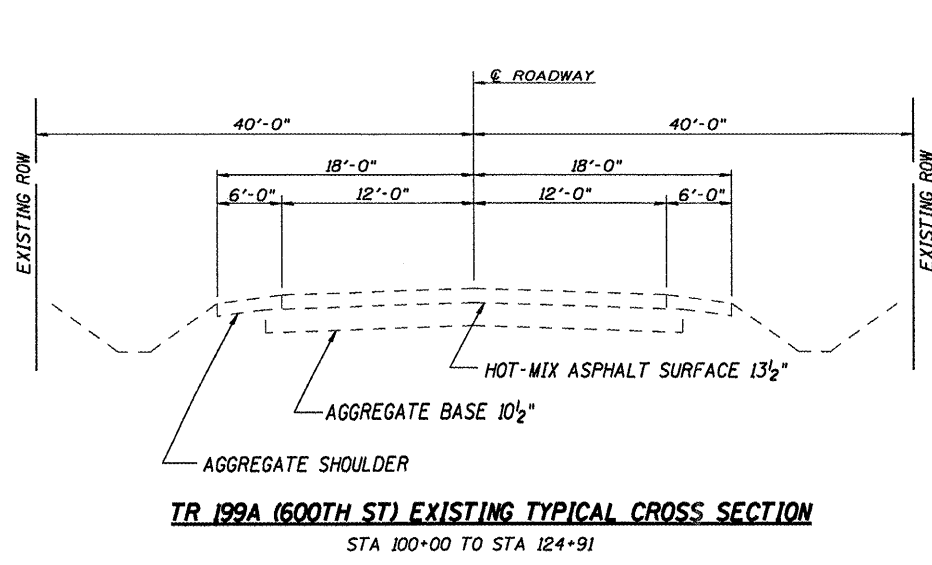


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LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

KEY MAP

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	3
CH 10, TR199A, TR92		CONTRACT NO.	13482	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT DESIGN
 600TH ST STA 100+00 TO STA 124+18.69
 STRUCTURAL DESIGN TRAFFIC YEAR: 2019
 PV = 105 SU = 8 MU = 7
 IBV = 3.0 TRAFFIC FACTOR = 0.036
 PERCENT OF SDT FOR TWO LANES
 PV = 88% SU = 7.0% MU = 5.0%
 HEAVY TRUCKS = 75 TRAFFIC FACTOR = 0.768
 DESIGN TRAFFIC FACTOR = 0.804
 STRUCTURAL NUMBER = 4.05

PAVEMENT COMPOSITION
 EXISTING
 1 1/2" HMA A₁ = 0.23
 10 1/2" AGGREGATE A₂ = 0.08
 PROPOSED
 4" HMA A₁ = 0.36

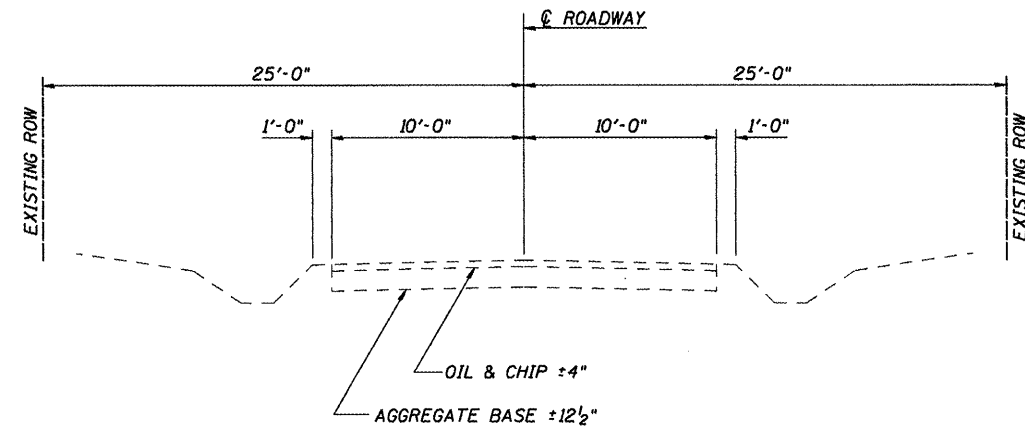
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LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

TYPICAL CROSS SECTIONS

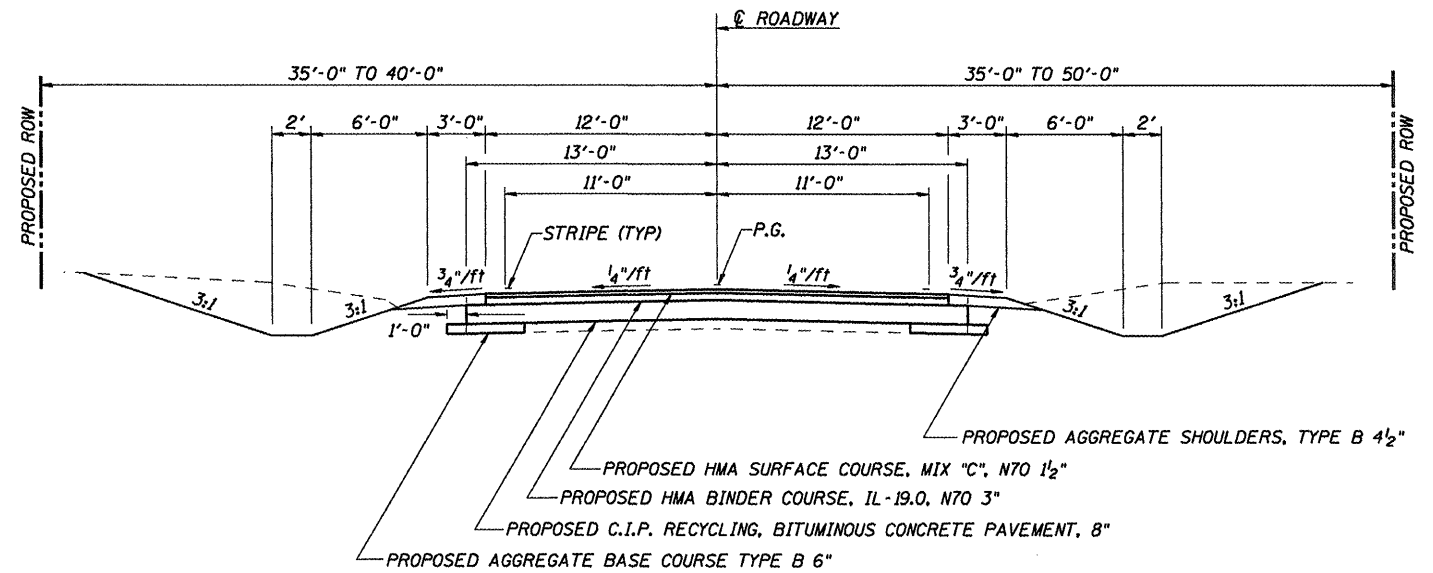
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566	05-00113-00-WR	LOGAN	63	4
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482



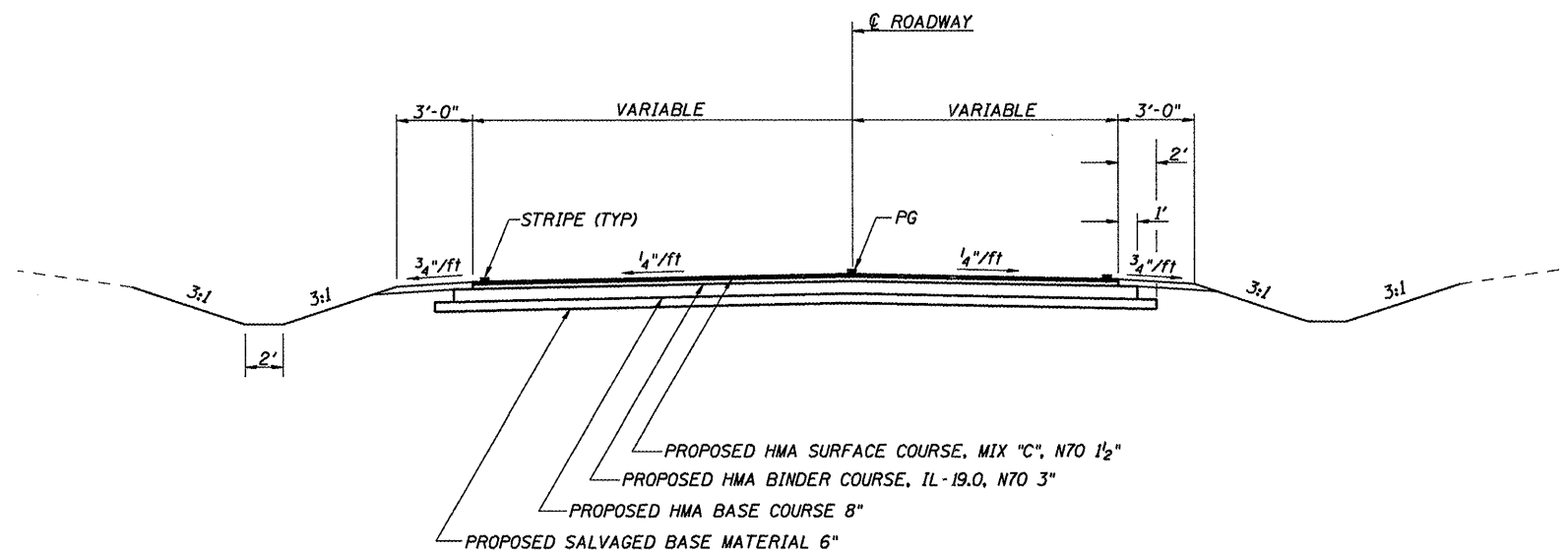
800TH AVE EXISTING TYPICAL CROSS SECTION

STA 157+06.37 TO STA 209+26.76



800TH AVE PROPOSED TYPICAL CROSS SECTION

STA 157+66.61 TO STA 209+26.76



800TH AVE PROPOSED TYPICAL CROSS SECTION

STA 157+06.37 TO STA 157+66.61

PAVEMENT DESIGN
 800TH AVE STA 157+66.61 TO STA 209+26.76
 STRUCTURAL DESIGN TRAFFIC YEAR: 2019
 PV = 405 SU = 32 MU = 23
 IBV = 3.0 TRAFFIC FACTOR = 0.123
 PERCENT OF SDT FOR TWO LANES
 PV = 88% SU = 7.0% MU = 5.0%
 HEAVY TRUCKS = 75 TRAFFIC FACTOR = 0.768
 DESIGN TRAFFIC FACTOR = 0.891
 STRUCTURAL NUMBER = 4.10

PAVEMENT COMPOSITION
 4.5" HMA A₁ = 0.40
 8" FULL-DEPTH RECYCLING OF FLEXIBLE PAVEMENT A₂ = 0.22
 6.4" EXISTING GRANULAR BASE A₃ = 0.08

**CUMMINS
 ENGINEERING
 CORPORATION**

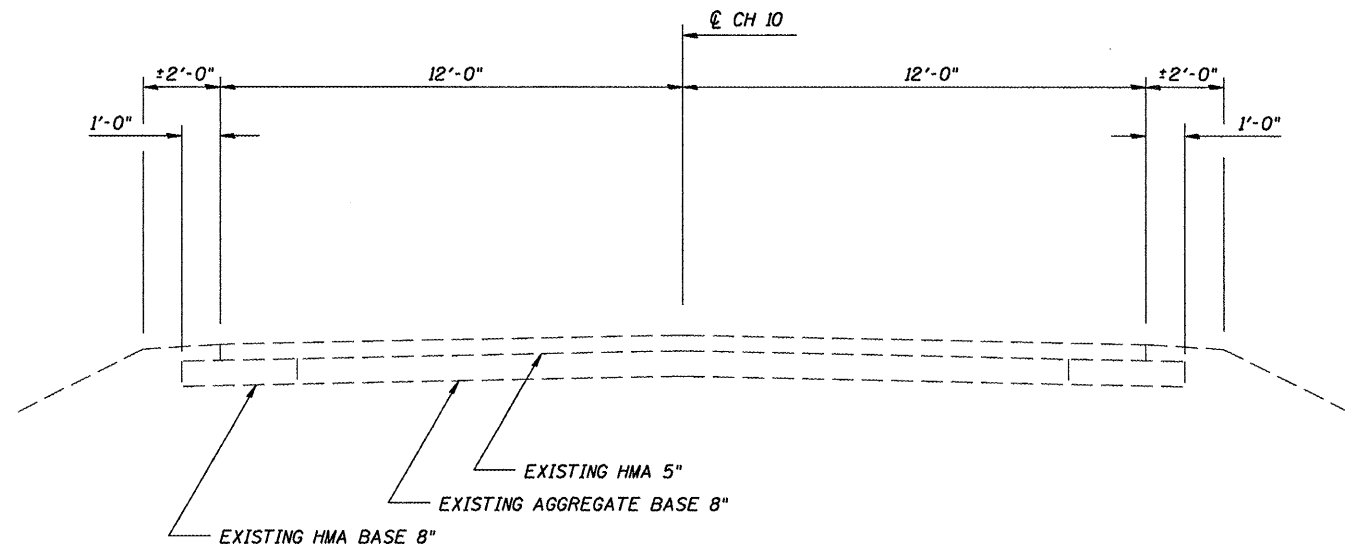
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**LOGAN COUNTY
 CH 10, TR 199A, TR 92 IMPROVEMENTS**

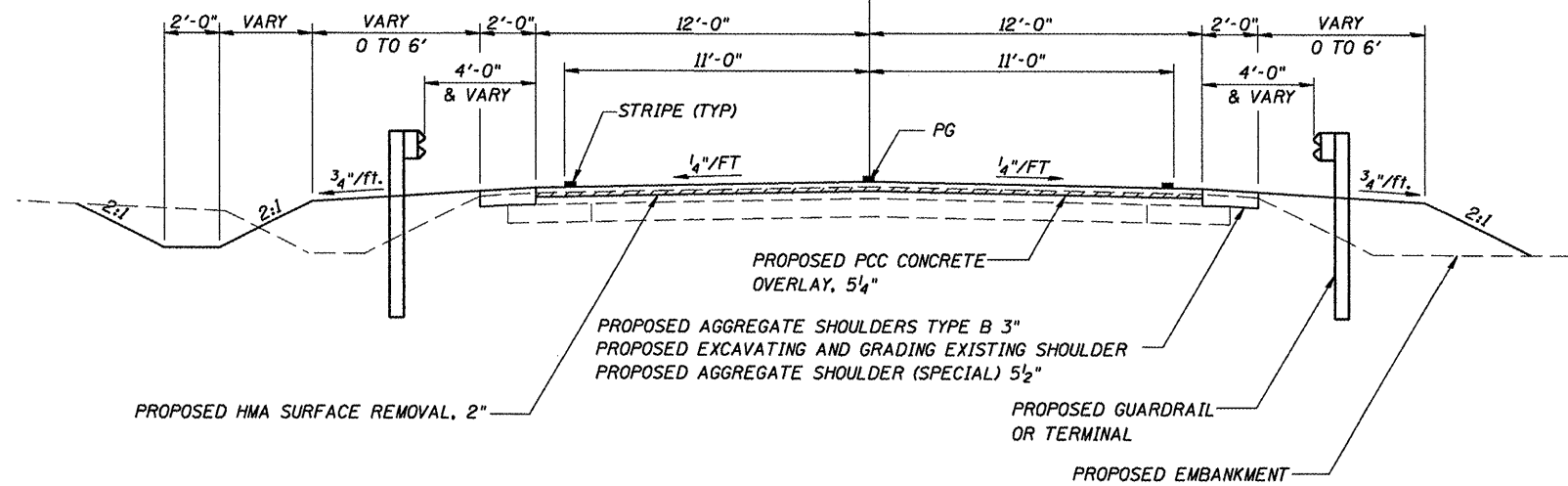
TYPICAL CROSS SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	5
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT NO.	

93482



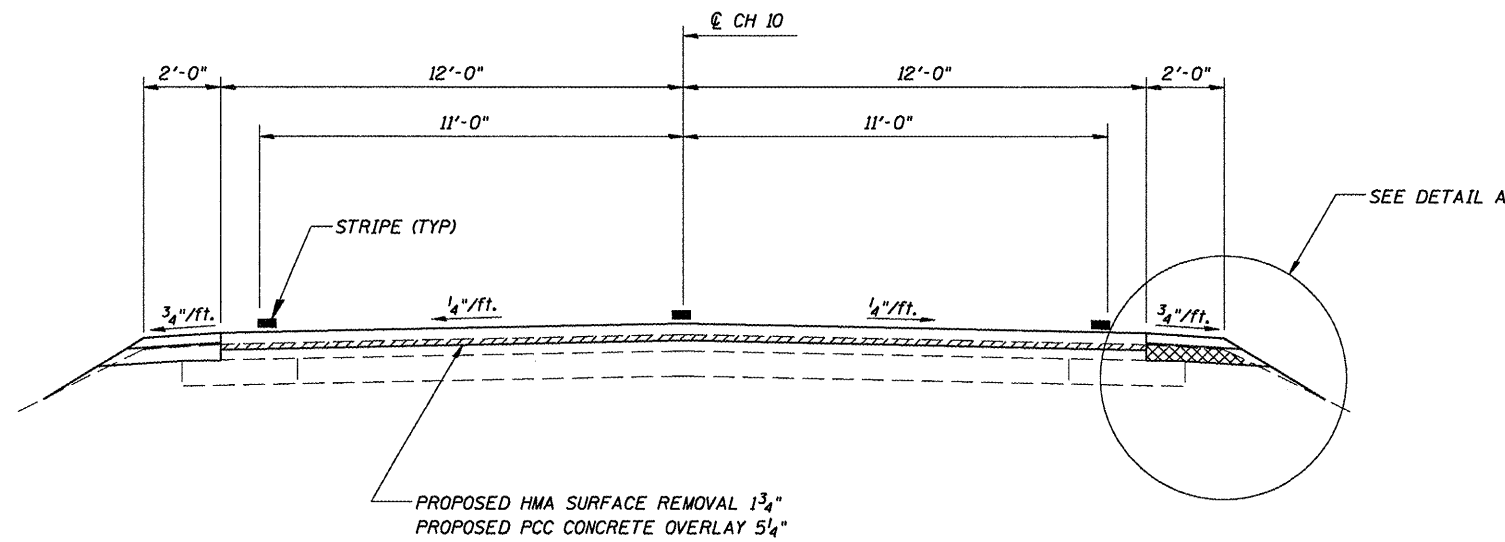
CH 10 EXISTING TYPICAL CROSS SECTION
STA 111+50 TO STA 558+48



CH 10 TYPICAL PROPOSED ROADWAY CROSS SECTION AT EXISTING STRUCTURES WITH GUARDRAIL

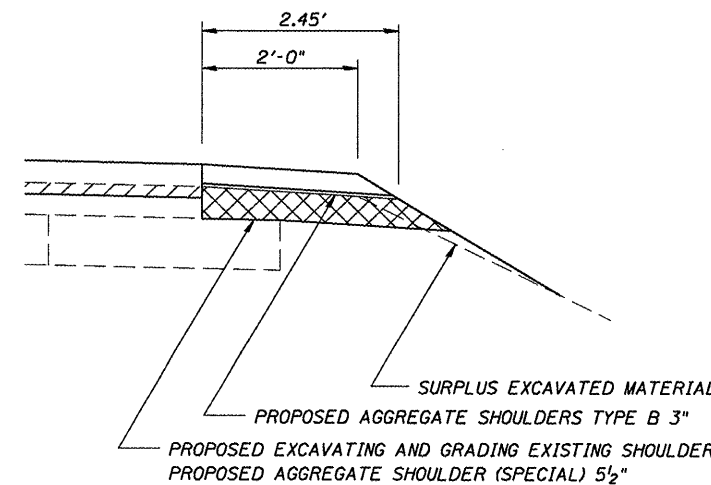
STA 173+00 TO STA 175+46.25
 STA 176+65.17 TO STA 185+21.59
 STA 185+75.91 TO STA 188+91
 STA 190+00 TO STA 195+50
 STA 260+50 TO STA 266+50
 STA 392+00 TO STA 398+00

BRIDGE OMISSIONS
 STA 175+46.25 TO STA 176+65.17
 STA 185+21.59 TO STA 185+75.91
PAVING OMISSION
 STA 346+81.29 TO STA 348+12.12



CH 10 PROPOSED TYPICAL CROSS SECTION

STA 111+73.67 TO STA. 173+00
 STA 188+91 TO STA 190+00
 STA 195+50 TO STA 260+50
 STA 266+50 TO STA 268+98.22 (BK)
 STA 270+11.75 (AH) TO STA 346+81.29
 STA 348+12.29 TO STA 392+00
 STA 398+00 TO STA 552+17.37
 STA 552+26.45 TO STA 558+48



DETAIL A

PAVEMENT DESIGN
 CH 10 STA 111+73.67 TO STA 558+48
 STRUCTURAL DESIGN TRAFFIC YEAR: 2019
 PV = 1452 SU = 115 MU = 83
 IBV = TRAFFIC FACTOR = 0.447
 PERCENT OF SDT FOR TWO LANES
 PV = 88% SU = 7.0% MU = 5.0%
 HEAVY TRUCKS = 75 TRAFFIC FACTOR = 0.768
 DESIGN TRAFFIC FACTOR = 1.215
 THICKNESS OF CONCRETE / h_c = 5.25 INCHES

PAVEMENT COMPOSITION
 5 1/4" PCC OVERLAY
 3" EXISTING HMA
 8" EXISTING GRANULAR BASE

CUMMINS
 ENGINEERING
 CORPORATION

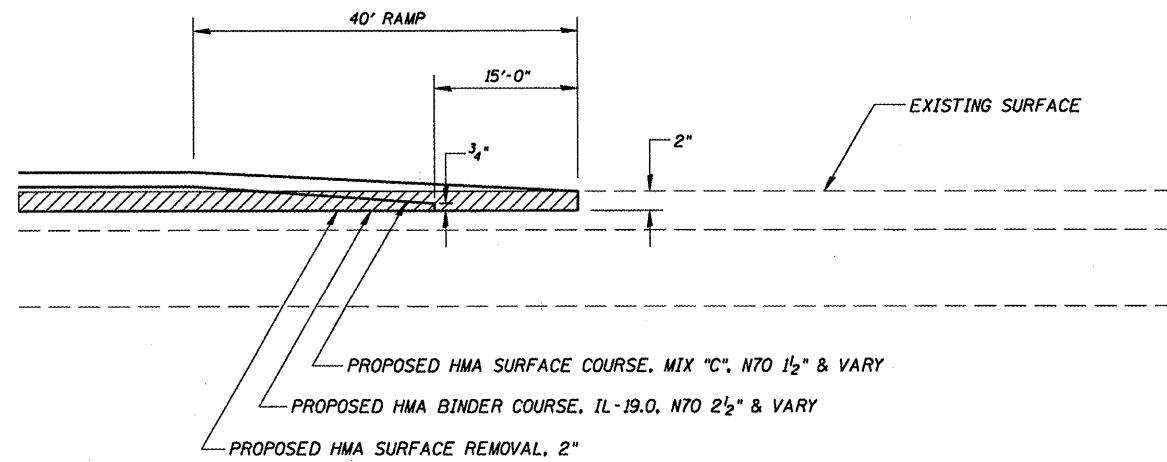
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PLOT DATE = 1/20/2009	DATE - 11/12/2008	REVISED -

LOGAN COUNTY
 CH 10, TR 199A, TR 92 IMPROVEMENTS

TYPICAL CROSS SECTIONS

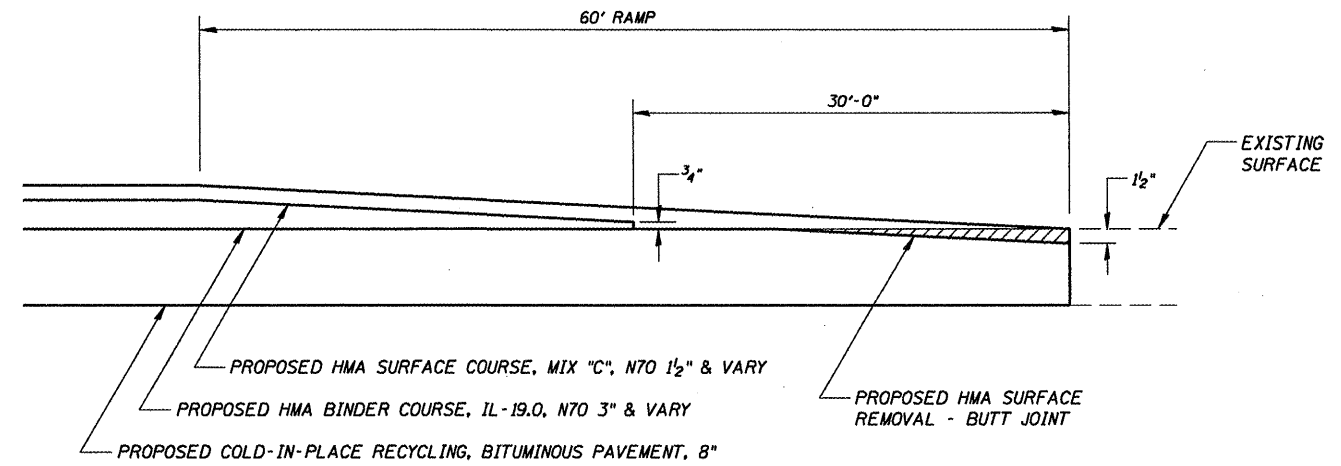
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	6
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

3482



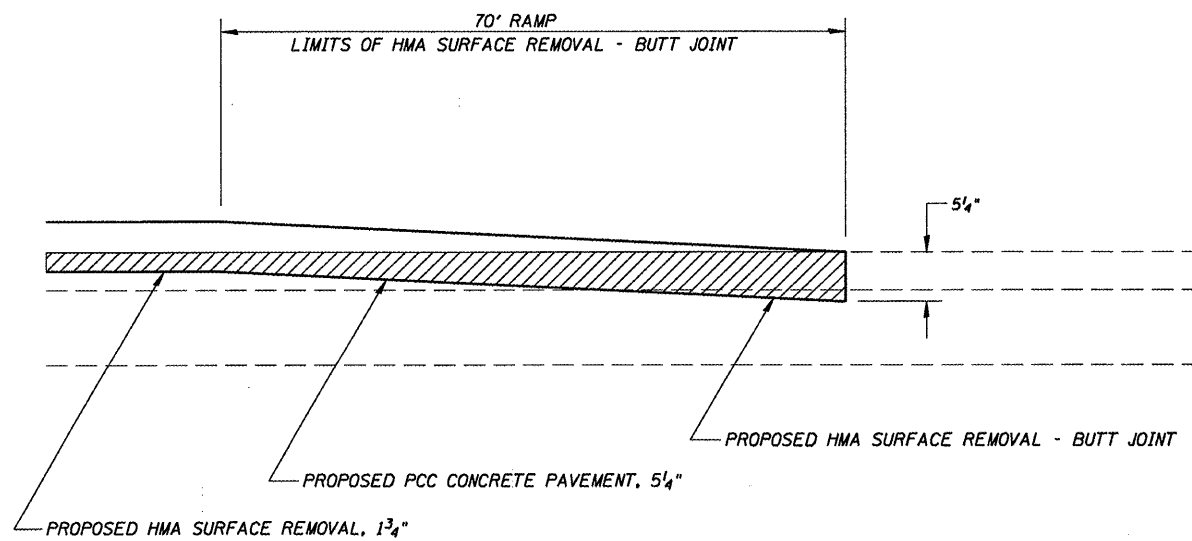
BUTT JOINT DETAIL - 600TH ST

STA 100+00 TO STA 100+40
STA 123+78.69 TO STA 124+18.69



BUTT JOINT DETAIL - 800TH AVE

STA 156+08.79 TO STA 156+68.79
STA 208+66.76 TO STA 209+26.76



BUTT JOINT DETAIL - CH 10

STA 111+73.67 TO STA 112+43.67
STA 346+11.29 TO STA 346+81.29
STA 348+12.29 TO STA 348+82.29
STA 557+78.00 TO STA 558+48.00

BUTT JOINTS

		RAMP LENGTH FOOT	HMA SURFACE REMOVAL LENGTH FOOT	TAPER THICKNESS INCH	WIDTH FOOT	REMOVAL DEPTH AT BUTT JOINT INCH	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	TEMPORARY RAMP SQ YD
600TH ST								
STA 100+00.00	TO STA 100+40.00	40	40	2	24	2	106.67	17.8
STA 123+78.69	TO STA 124+18.69	40	40	2	24	2	106.67	17.8
ENTRANCES							91.11	
							304.45	35.6
800TH AVE								
STA 156+08.79	TO STA 156+68.79	60	30	2	24	1.5	80.00	17.8
STA 208+66.76	TO STA 209+26.76	60	30	1.5	24	1.5	*	**
							80.00	17.80
CH 10								
STA 111+73.67	TO STA 112+43.67	70	70	3.5	32	5.25	248.89	**
STA 346+11.29	TO STA 346+81.29	70	70	3.5	32	5.25	248.89	**
STA 348+12.29	TO STA 348+82.29	70	70	3.5	32	5.25	248.89	**
ENTRANCES & SIDE ROADS							619.41	
TOTAL							1366.08	

* CONSTRUCTION OF BUTT JOINT INCLUDED IN FULL DEPTH RECYCLING OF FLEXIBLE PAVEMENT
** CONSTRUCT WITH ROAD CLOSED TO TRAFFIC

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 2217details.dgn
PLOT SCALE = 40.0000 / IN.
PLOT DATE = 2/6/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/03/2008

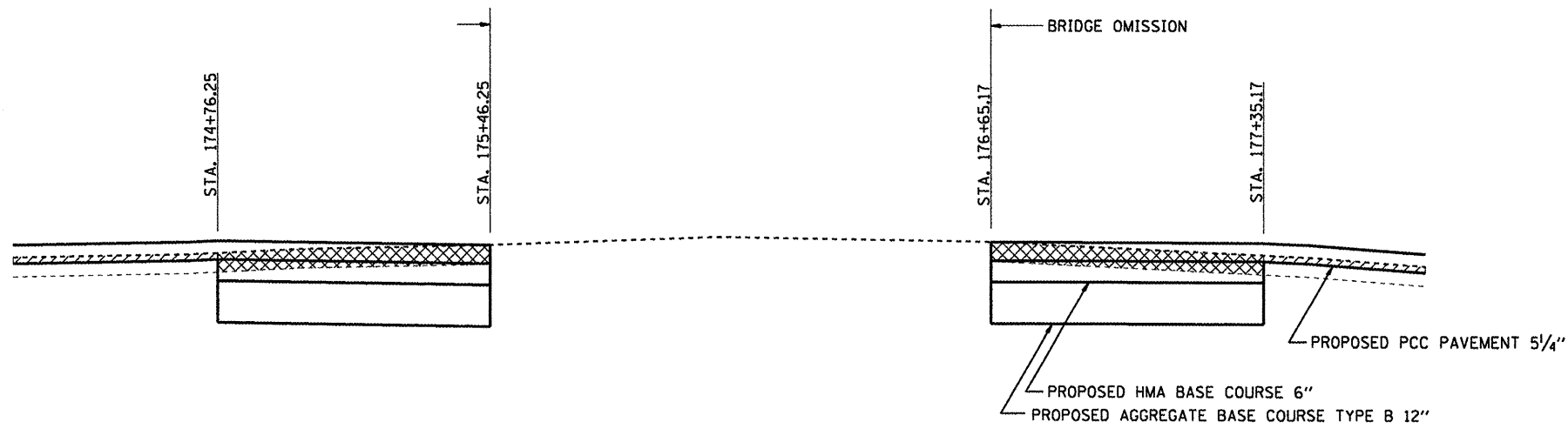
REVISED -
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REVISED -
REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

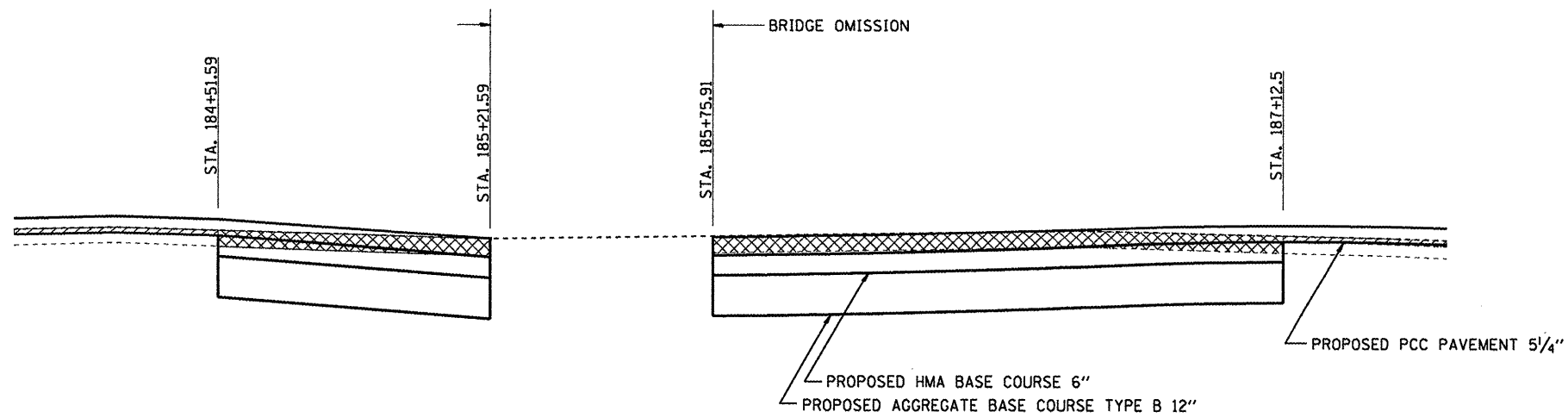
BUTT JOINT DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	7
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482

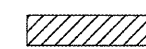



BUTT JOINT DETAIL - CH 10



BUTT JOINT DETAIL - CH 10

SEE SHEET 9 FOR
SCHEDULE OF QUANTITIES

-  HOT-MIX ASPHALT SURFACE
REMOVAL 1 3/4"
-  PAVEMENT REMOVAL (SPECIAL)

**CUMMINS
ENGINEERING
CORPORATION**

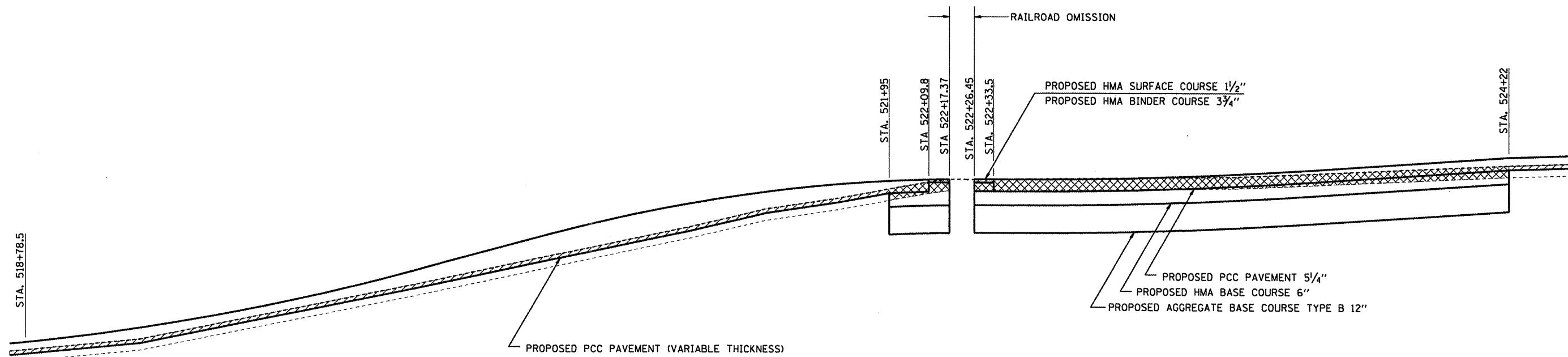
JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217details.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/28/2009	DATE - 10/30/2008	REVISED -

**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

BUTT JOINT DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	8
CH 10, TR199A, TR92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482

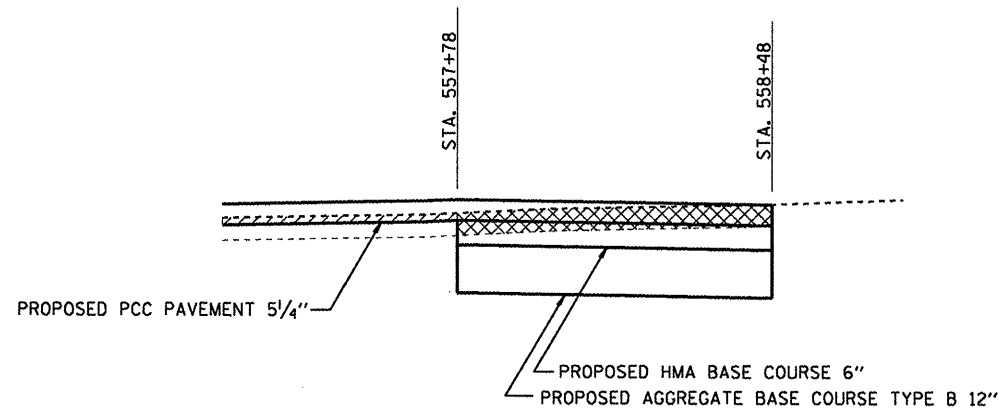


**PORTLAND CEMENT CONCRETE
PAVEMENT - VARIABLE DEPTH**

STA	THEORETICAL THICKNESS AT CENTERLINE		CONTRACTION JOINT DEPTH
	FOOT	INCH	
521+95.00	0.44	1 5/16	
521+75.00	0.67	2	
521+50.00	0.77	2 1/2	
521+25.00	0.98	2 5/8	
521+00.00	1.03	3 1/16	
520+75.00	0.97	2 7/8	
520+50.00	0.83	2 1/2	
520+25.00	0.68	2	
520+00.00	0.55	1 5/8	
519+75.00	0.47	1 3/8	
519+50.00	0.48	1 1/16	
519+25.00	0.56	1 1/16	
519+00.00	0.48	1 1/16	
518+78.50	0.44	1 5/16	

ACTUAL THICKNESS TO BE DETERMINED BY THE ENGINEER AFTER THE PAVEMENT HAS BEEN MILLED

**DETAIL - CH 10
VARIABLE THICKNESS PCC PAVEMENT
BUTT JOINT**



BUTT JOINT DETAIL - CH 10

BUTT JOINTS

LOCATION	RAMP LENGTH FOOT	PAVEMENT REMOVAL SQ YD	HMA BASE COURSE 6" SQ YD	AGGREGATE BASE COURSE TYPE B 12" TON
CH 10				
STA 174+76.25 TO STA 175+46.25	70	186.67	202.22	148.81
STA 176+65.17 TO STA 177+35.17	70	186.67	202.22	148.81
STA 184+51.59 TO STA 185+21.59	70	186.67	202.22	148.81
STA 185+75.91 TO STA 187+12.50	136.59	364.24	394.59	290.38
STA 521+95.00 TO STA 522+17.37	22.37	59.65	64.62	47.56
STA 522+26.45 TO STA 524+22.00	195.55	521.47	564.92	415.72
STA 557+78.00 TO STA 558+48.00	70	186.67	202.22	148.81
		1,692.04	1,833.01	1,348.90

CONSTRUCT HMA BASE COURSE 26 FEET WIDE
CONSTRUCT AGGREGATE BASE COURSE 28 FEET WIDE

- HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"
- PAVEMENT REMOVAL (SPECIAL)

**CUMMINS
ENGINEERING
CORPORATION**

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217details.dgn	DRAWN - TSH	REVISED -
PLOT SCALE = 40.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/28/2009	DATE - 10/30/2008	REVISED -

**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

BUTT JOINT DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	9
CH 10, TR199A, TR92		CONTRACT NO. 85482		
FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		

EARTHWORK

LOCATION	EARTH EXCAVATION			EARTHWORK	
	EARTH EXCAVATION	ADJUSTED FOR SHRINKAGE	EMBANKMENT	BALANCE	WASTE (+) SHORTAGE (-)
800TH AVE					
STA 157+06 TO STA 167+00	1160	870	720	150	
STA 167+00 TO STA 182+00	2050	1535	1145	390	
STA 182+00 TO STA 197+00	725	540	1280	-740	
STA 197+00 TO STA 209+27	675	505	1210	-705	
CH 10					
LT STA 173+00 TO STA 188+90	0	0	860	-860	
RT STA 173+00 TO STA 188+50	15	10	880	-870	
LT STA 190+50 TO STA 195+50	15	10	180	-170	
RT STA 190+00 TO STA 195+50	10	5	235	-230	
LT STA 261+50 TO STA 266+50	30	20	185	-165	
RT STA 260+50 TO STA 265+50	40	30	90	-60	
LT STA 393+00 TO STA 398+00	15	10	275	-265	
RT STA 392+50 TO STA 398+00	25	15	225	-210	
TOTAL	4,760	3,550	7,285	-3,735	

AGGREGATE BASE COURSE TYPE B

LOCATION	WIDTH FOOT	THICKNESS INCH	QTY TONS
800TH AVE			
LT STA 157+66.61 TO STA 209+26.76	6	6	587.68
RT STA 157+66.61 TO STA 209+26.76	6	6	587.68
MAILBOX TURNOUTS	6	6	44.40
BUTT JOINTS	28	6	1,348.90
PAVEMENT PATCHING		12	1,019.00
TOTAL			3,587.66

* 4' & VARIABLE

PLACEMENT OF SALVAGED BASE MATERIAL

LOCATION	THICKNESS INCH	QTY SQ YD
800TH AVE		
STA 157+06.37 TO STA 157+66.61		349
TOTAL		349

HOT-MIX ASPHALT BASE COURSE 8"

LOCATION	QTY SQ YD
800TH AVE	
STA 157+06.37 TO STA 157+66.61	322
TOTAL	322

HOT-MIX ASPHALT BASE COURSE WIDENING 8"

LOCATION	QTY SQ YD
800TH AVE	
STA 157+06.37 TO STA 157+12.37	12
STA 157+06.37 TO STA 157+12.37	5
TOTAL	17

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	WIDTH FOOT	QUANTITY GALLON
600TH ST		
STA 100+00.00 TO STA 124+18.69	24.67	663
800TH AVE		
STA 156+08.79 TO STA 156+82.37	24.75	21
STA 157+06.37 TO STA 209+26.76	24.75	1,436

ENTRANCES & SIDE ROADS

TOTAL	199
TOTAL	2,319

AGGREGATE (PRIME COAT)

LOCATION	WIDTH FOOT	QUANTITY TON
600TH ST		
STA 100+00.00 TO STA 124+18.69	24	13
800TH AVE		
STA 156+08.79 TO STA 156+82.37	24	1
STA 157+06.37 TO STA 209+26.76	24	28
TOTAL		42

PAVEMENT PATCHING

LOCATION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD	PAVEMENT PATCHING CLASS D				AGGREGATE BASE COURSE TYPE B TON
				TYPE 2, 6" SQ YD	TYPE 3, 6" SQ YD	TYPE 4, 6" SQ YD	SAW CUTS FOOT	
EASTBOUND LANE								
STA 217+31	50	4	22.2		22.2		108	15.19
STA 219+96	20	6	13.3	13.3			52	9.11
STA 233+04	183	12	244.0			244.0	390	166.73
STA 234+50	80	12	106.7			106.7	184	72.89
STA 237+59	100	7	77.8			77.8	214	53.15
STA 239+12	225	12	300.0			300.0	474	205.00
STA 240+61	39	7	30.3			30.3	92	20.73
STA 242+17	130	7	101.1			101.1	274	69.09
STA 248+92	200	5	111.1			111.1	410	75.93
STA 295+29	11	6	7.3	7.3			34	5.01
STA 363+60	15	7	11.7	11.7			44	7.97
STA 393+19	9	12	12.0	12.0			42	8.20
STA 460+87	12	12	16.0		16.0		48	10.93
STA 465+49	62	7	48.2			48.2	138	32.95
STA 523+92	24	8	21.3			21.3	64	14.58
WESTBOUND LANE								
STA 216+92	20	7	15.6		15.6		54	10.63
STA 217+51	55	6	36.7			36.7	122	25.06
STA 219+30	95	6	63.3			63.3	202	43.28
STA 219+96	95	6	63.3			63.3	202	43.28
STA 220+95	70	6	46.7			46.7	152	31.89
STA 221+74	30	12	40.0			40.0	84	27.33
STA 242+17	75	6	50.0			50.0	162	34.17
STA 243+09	61	6	40.7			40.7	134	27.79
STA 393+19	9	12	12.0	12.0			42	8.20
TOTAL				56	75	1,360	3,722	1,019

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

LOCATION	WIDTH FOOT	THICKNESS INCH	QUANTITY TON
600TH ST			
STA 100+00.00 TO STA 124+18.69	24.46	2.5	920.29
800TH AVE			
STA 156+08.79 TO STA 156+82.37	VARY	0.5	54
STA 157+06.37 TO STA 157+66.61	VARY	3.0	55.65
STA 157+66.61 TO STA 209+26.76	24.5	3.0	2,359.91
CH 10			
STA 522+09.87 TO STA 522+17.37	24.5	4.0	4.58
STA 522+26.45 TO STA 522+33.51	24.5	4.0	4.31
TOTAL			3,399

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70

LOCATION	WIDTH FOOT	THICKNESS INCH	QUANTITY TON
600TH ST			
STA 100+00.00 TO STA 124+18.69	24.13	1.5	544.73
800TH AVE			
STA 156+08.79 TO STA 156+82.37	VARY	1.5	161
STA 157+06.37 TO STA 157+66.61	VARY	1.5	27.58
STA 157+66.61 TO STA 209+26.76	24.13	1.5	1,162.14
TOTAL			1,899
CH 10			
STA 522+09.87 TO STA 522+17.37	24.13	1.5	1.69
STA 522+26.45 TO STA 522+33.51	24.13	1.5	1.60
TOTAL			1,899

FULL-DEPTH RECYCLING OF FLEXIBLE PAVEMENT

LOCATION	WIDTH FOOT	QUANTITY SQ YD
800TH AVE		
STA 157+06.37 TO STA 209+26.76	26	15,082
TOTAL		15,082

BITUMINOUS MATERIALS (COLD-IN-PLACE RECYCLING)

LOCATION	WIDTH FOOT	QUANTITY GALLON
800TH AVE		
STA 157+06.37 TO STA 209+26.76	26	60,325
TOTAL		60,325

PORTLAND CEMENT CONCRETE PAVEMENT 5 1/4 INCH PLACEMENT

LOCATION	WIDTH FOOT	QUANTITY SQ YD
CH 10		
STA 111+73.67 TO STA 175+46.25	24	16,993.55
STA 176+65.17 TO STA 185+21.59	24	2,283.79
STA 185+75.91 TO STA 268+98.22	24	22,192.83
STA 270+11.75 TO STA 346+81.29	24	20,452.11
STA 348+12.91 TO STA 518+78.50	24	45,508.24
STA 518+78.50 TO STA 521+95.00	24	844.00
STA 521+95.00 TO STA 522+09.87	24	39.65
STA 522+33.95 TO STA 558+48.00	24	9,637.47
TOTAL		117,951.64

PORTLAND CEMENT CONCRETE PAVEMENT, 5 1/4" FURNISHED

LOCATION	WIDTH FOOT	THICKNESS INCH	QUANTITY CU YD
CH 10			
STA 111+73.67 TO STA 175+46.25	24	5.25	2,478.23
STA 176+65.17 TO STA 185+21.59	24	5.25	333.05
STA 185+75.91 TO STA 268+98.22	24	5.25	3,236.45
STA 270+11.75 TO STA 346+81.29	24	5.25	2,982.60
STA 348+12.91 TO STA 518+78.50	24	5.25	6,636.62
STA 518+78.50 TO STA 521+95.00	24	VARY	195.54
STA 521+95.00 TO STA 522+09.87	24	VARY	5.82
STA 522+33.95 TO STA 558+48.00	24	5.25	1,405.46
TOTAL			17,273.77

PROTECTIVE COAT

LOCATION	WIDTH FOOT	QUANTITY SQ YD
CH 10		
STA 111+73.67 TO STA 175+46.25	24	16,993.55
STA 176+65.17 TO STA 185+21.59	24	2,283.79
STA 185+75.91 TO STA 268+98.22	24	22,192.83
STA 270+11.75 TO STA 346+81.29	24	20,452.11
STA 348+12.91 TO STA 518+78.50	24	45,508.24
STA 518+78.50 TO STA 521+95.00	24	844.00
STA 521+95.00 TO STA 522+09.87	24	39.65
STA 522+33.95 TO STA 558+48.00	24	9,637.47
TOTAL		117,951.64

PCC PAVEMENT SHALL BE WITH TYPE B FINAL FINISH

CUMMINS ENGINEERING CORPORATION

JOB # 2217
 FILE NAME = 2217schedules.dgn
 PLOT SCALE = 100.0000 s/f / IN.
 PLOT DATE = 2/5/2009

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 1/15/2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

SCHEDULE OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 03182	

AGGREGATE SHOULDERS

LOCATION	TYPE B			SPECIAL		
	WIDTH FOOT	THICKNESS INCH	QTY TON	WIDTH FOOT	THICKNESS INCH	QTY SQ YD
600TH ST						
LT STA 100+00.00 TO STA 102+09.00	4	2	11.24			
LT STA 102+43.00 TO STA 122+16.49	4	2	106.14			
LT STA 123+78.46 TO STA 124+18.69	4	2	2.16			
RT STA 100+00.00 TO STA 100+62.00	4	2	3.33			
RT STA 101+02.00 TO STA 102+61.00	4	2	8.55			
RT STA 103+01.00 TO STA 104+61.00	4	2	8.6			
RT STA 105+09.00 TO STA 122+93.71	4	2	95.98			
RT STA 123+78.29 TO STA 124+18.69	4	2	2.17			
SUBTOTAL			238.17			
800TH AVE						
LT STA 156+08.79 TO STA 156+48.80	3	4.5	4.06			
LT STA 157+06.37 TO STA 157+66.60	3	4.5	6.11			
LT STA 157+66.60 TO STA 209+26.76	3	4.5	523.41			
RT STA 156+08.79 TO STA 156+52.94	3	4.5	4.48			
RT STA 157+06.37 TO STA 157+66.60	3	4.5	6.11			
RT STA 157+66.60 TO STA 209+26.76	3	4.5	523.41			
SUBTOTAL			1067.58			
CH 10						
LT STA 112+45.67 TO STA 159+20.00	2	3	197.86	2.43	5.5	1,272.46
LT STA 159+62.00 TO STA 175+46.25	2	3	67.66	2.43	5.5	431.27
LT STA 176+65.17 TO STA 185+21.59	2	3	36.58	2.43	5.5	233.14
LT STA 185+75.91 TO STA 188+81.50	2	3	13.05	2.43	5.5	83.19
LT STA 189+38.50 TO STA 220+70.00	2	3	133.74	2.43	5.5	852.46
LT STA 221+00.00 TO STA 235+80.00	2	3	63.21	2.43	5.5	402.89
LT STA 236+50.00 TO STA 268+98.22	2	3	138.73	2.43	5.5	884.24
LT STA 270+11.75 TO STA 296+50.50	2	3	112.7	2.43	5.5	718.33
LT STA 297+09.50 TO STA 312+08.00	2	3	64	2.43	5.5	407.93
LT STA 312+42.00 TO STA 336+26.00	2	3	101.82	2.43	5.5	648.98
LT STA 336+66.00 TO STA 346+19.29	2	3	40.71	2.43	5.5	259.51
LT STA 348+73.29 TO STA 372+67.00	2	3	102.23	2.43	5.5	651.62
LT STA 373+11.00 TO STA 384+19.00	2	3	47.32	2.43	5.5	301.62
LT STA 384+55.00 TO STA 426+80.50	2	3	180.46	2.43	5.5	1,150.28
LT STA 427+39.50 TO STA 446+75.00	2	3	82.66	2.43	5.5	526.89
LT STA 447+20.00 TO STA 449+11.00	2	3	8.16	2.43	5.5	51.99
LT STA 449+41.00 TO STA 449+83.00	2	3	1.79	2.43	5.5	11.43
LT STA 450+13.00 TO STA 479+93.50	2	3	127.29	2.43	5.5	811.36
LT STA 480+52.50 TO STA 486+21.50	2	3	24.3	2.43	5.5	154.89
LT STA 486+60.50 TO STA 488+00.00	2	3	5.96	2.43	5.5	37.98
LT STA 488+32.00 TO STA 488+96.00	2	3	2.73	2.43	5.5	17.42
LT STA 489+28.00 TO STA 519+84.00	2	3	130.52	2.43	5.5	831.91
LT STA 520+16.00 TO STA 522+17.37	2	3	8.6	2.43	5.5	54.82
LT STA 522+26.45 TO STA 550+10.00	2	3	118.88	2.43	5.5	757.74
LT STA 550+60.00 TO STA 551+70.00	2	3	4.7	2.43	5.5	29.94
LT STA 552+30.00 TO STA 557+91.50	2	3	23.98	2.43	5.5	152.85
LT STA 558+30.50 TO STA 558+48.00	2	3	0.75	2.43	5.5	4.76
RT STA 112+45.67 TO STA 119+82.00	2		31.45	2.43	5.5	200.45
RT STA 120+26.00 TO STA 146+76.50	2		113.2	2.43	5.5	721.53
RT STA 147+13.50 TO STA 154+96.50	2		33.44	2.43	5.5	213.15
RT STA 155+58.50 TO STA 175+46.25	2		84.89	2.43	5.5	541.11
RT STA 176+65.17 TO STA 185+21.59	2		36.58	2.43	5.5	233.14
RT STA 185+75.91 TO STA 188+99.00	2		13.8	2.43	5.5	87.95
RT STA 188+67.00 TO STA 200+16.75	2		49.1	2.43	5.5	312.99
RT STA 199+54.25 TO STA 215+69.00	2		68.96	2.43	5.5	439.57
RT STA 215+11.00 TO STA 227+72.50	2		53.88	2.43	5.5	343.41
RT STA 227+27.50 TO STA 234+51.00	2		30.9	2.43	5.5	196.95
RT STA 234+19.00 TO STA 243+81.00	2		41.09	2.43	5.5	261.88
RT STA 243+49.00 TO STA 268+38.00	2		106.3	2.43	5.5	677.56
RT STA 268+02.00 TO STA 269+05.50	2		4.42	2.43	5.5	28.18
RT STA 268+72.50 TO STA 268+98.22	2		1.1	2.43	5.5	7.00
RT STA 270+11.75 TO STA 271+30.00	2		5.05	2.43	5.5	32.19
RT STA 271+74.00 TO STA 272+23.00	2		2.09	2.43	5.5	13.34
RT STA 272+57.00 TO STA 296+51.50	2		102.27	2.43	5.5	651.84
RT STA 297+08.50 TO STA 312+05.00	2		63.91	2.43	5.5	407.38
RT STA 312+50.00 TO STA 346+19.29	2		143.9	2.43	5.5	917.20
RT STA 348+73.29 TO STA 372+81.00	2		102.83	2.43	5.5	655.43
RT STA 373+26.00 TO STA 384+00.00	2		45.87	2.43	5.5	292.37
RT STA 384+45.00 TO STA 412+62.50	2		120.33	2.43	5.5	766.99
RT STA 413+57.50 TO STA 446+82.00	2		141.98	2.43	5.5	905.00

AGGREGATE SHOULDERS (CONTINUED)

LOCATION	TYPE B			SPECIAL		
	WIDTH FOOT	THICKNESS INCH	QTY TON	WIDTH FOOT	THICKNESS INCH	QTY SQ YD
RT STA 447+18.00	2	3	139.89	2.43	5.5	891.66
RT STA 480+52.50	2	3	35.34	2.43	5.5	225.26
RT STA 489+25.00	2	3	131.11	2.43	5.5	835.72
RT STA 520+40.00	2	3	7.58	2.43	5.5	48.28
RT STA 522+26.45	2	3	8.52	2.43	5.5	54.32
RT STA 524+64.00	2	3	4.14	2.43	5.5	26.41
RT STA 526+19.00	2	3	0.21	2.43	5.5	1.36
RT STA 526+74.00	2	3	26.74	2.43	5.5	170.41
RT STA 533+62.00	2	3	42.07	2.43	5.5	268.14
RT STA 543+87.00	2	3	22.17	2.43	5.5	141.28
RT STA 549+38.00	2	3	4.25	2.43	5.5	27.09
RT STA 550+68.50	2	3	3.82	2.43	5.5	24.36
RT STA 552+10.00	2	3	7	2.43	5.5	44.64
RT STA 554+32.00	2	3	5.3	2.43	5.5	33.76
RT STA 555+94.00	2	3	2.01	2.43	5.5	12.79
RT STA 556+71.00	2	3	6.28	2.43	5.5	40.02
SIDE ROADS						
800th AVE (NORTH)	3	4.5	22.82			
800th AVE (SOUTH)	4	2	6.66			
950TH AVE	2	5.25	4.32			
1000TH AVE	2	5.25	4.32			
1050TH AVE	2	5.25	4.32			
1150TH AVE (NORTH)	2	5.25	4.32			
1150TH AVE (SOUTH)	2	5.25	4.32			
1250TH AVE (NORTH)	2	5.25	4.32			
1250TH AVE (SOUTH)	2	5.25	4.32			
1375TH AVE	2	5.25	4.32			
1400TH AVE	2	5.25	4.32			
1500TH AVE (NORTH)	2	5.25	4.32			
1500TH AVE (SOUTH)	2	5.25	4.32			
1600TH AVE (NORTH)	2	5.25	4.32			
1600TH AVE (SOUTH)	2	5.25	4.32			
DOWNING RD	2	5.25	4.32			
WASHINGTON ST	2	5.25	4.32			
SUBTOTAL			3,778			23,494
TOTAL			5,084			23,494

EXCAVATING AND GRADING EXISTING SHOULDER

LOCATION	QTY UNIT
CH 10	
LT STA 112+45.67 TO STA 268+98.22	156.53
LT STA 270+11.75 TO STA 522+17.37	252.06
LT STA 522+26.45 TO STA 558+48.00	36.22
RT STA 112+45.67 TO STA 268+98.22	156.53
RT STA 270+11.75 TO STA 522+17.37	252.06
RT STA 522+26.45 TO STA 558+48.00	36.22
TOTAL	890

HOT-MIX ASPHALT SHOULDERS

LOCATION	WIDTH FOOT	THICKNESS INCH	QTY TONS
CH 10			
LT STA 111+73.67 TO STA 112+45.67	4	5.5	10.02
RT STA 111+73.67 TO STA 112+45.67	4	5.5	10.02
LT STA 346+19.29 TO STA 346+81.29	4	5.5	8.63
RT STA 346+19.29 TO STA 346+81.29	4	5.5	8.63
LT STA 348+12.12 TO STA 348+73.29	4	5.5	8.51
RT STA 348+12.12 TO STA 348+73.29	4	5.5	8.51
TOTAL			54.32

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217schedules.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 100.0000 = 1" / 100'	CHECKED - NAK	REVISED -
PLOT DATE = 1/28/2009	DATE - 1/15/2009	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

SCHEDULE OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	11
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

MANHOLES TO BE ADJUSTED

LOCATION	EACH
CH 10	
19' RT STA 526+54.00	1
20' RT STA 554+03.00	1
TOTAL	2

PIPE CULVERTS

LOCATION	CLASS A, TYPE 1, 18" FOOT	CLASS D, TYPE 1, 18" FOOT	PRC FLARED END SECTION 18" EACH	PIPE CULVERT REMOVAL FOOT
STA 166+15	36		2	36
RT STA 170+16		40		28
LT STA 173+02		34		22
LT STA 173+60		34		24
LT STA 183+39		34		22
LT STA 196+14		34		20
TOTAL	36	176	2	152

HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

LOCATION	WIDTH FOOT	THICKNESS INCH	QUANTITY SQ YD
CH 10			
STA 112+43.67 TO STA 174+76.25	24	1 3/4	16,620.22
STA 177+35.17 TO STA 184+51.59	24	1 3/4	1,910.46
STA 187+12.50 TO STA 268+98.22	24	1 3/4	21,828.59
STA 270+11.75 TO STA 346+11.29	24	1 3/4	20,265.44
STA 348+82.29 TO STA 522+09.87	24	1 3/4	46,206.88
STA 522+33.51 TO STA 557+78.00	24	1 3/4	9,451.98
TOTAL			116,283.57

HOT-MIX ASPHALT SURFACE REMOVAL, 2"

LOCATION	WIDTH FOOT	THICKNESS INCH	QUANTITY SQ YD
600TH ST			
STA 100+00.00 TO STA 124+18.69	24	2	6,449.84
TOTAL			6,449.84

PAVEMENT REMOVAL (SPECIAL)

LOCATION	QUANTITY CU YD
800TH AVE	
STA 157+06.37 TO STA 157+66.61	93
TOTAL	93

PAINT PAVEMENT MARKING - LINE 4"

LOCATION	SOLID WHITE EDGE LINE FOOT	YELLOW SKIP DASH FOOT	SOLID YELLOW NO PASSING FOOT
600TH ST			
LT STA 100+00.00 TO STA 122+17.00	2,217.00		
RT STA 100+00.00 TO STA 122+94.00	2,294.00		
STA 100+00.00 TO STA 122+94.00		580	
800TH AVE			
LT STA 156+06.37 TO STA 157+67.00	170.25		
LT STA 157+67.00 TO STA 209+26.76	5,159.76		
LT STA 156+06.37 TO STA 157+36.00	47.12		
RT STA 157+36.00 TO STA 209+26.76	5,190.76		
LT STA 156+06.37 TO STA 209+26.76		1,340	
CH 10			
RT STA 111+73.67 TO STA 188+92.00	7,718.33		
LT STA 189+24.70 TO STA 220+71.00	3,146.30		
LT STA 221+00.00 TO STA 235+96.00	1,496.00		
LT STA 236+39.00 TO STA 268+98.22	3,259.22		
LT STA 270+11.75 TO STA 296+55.00	2,643.25		
LT STA 297+05.00 TO STA 346+89.00	4,984.00		
LT STA 347+97.00 TO STA 426+83.00	7,886.00		
LT STA 427+39.00 TO STA 479+98.00	5,259.00		
LT STA 480+50.00 TO STA 522+17.00	4,167.00		
LT STA 522+27.00 TO STA 551+76.00	2,949.00		
LT STA 552+27.00 TO STA 558+48.00	621.00		
RT STA 111+73.67 TO STA 215+10.00	10,336.33		
RT STA 215+63.00 TO STA 268+98.22	5,335.22		
LT STA 270+11.75 TO STA 296+55.00	2,643.25		
RT STA 297+05.00 TO STA 346+89.00	4,984.00		
RT STA 348+01.00 TO STA 412+79.00	6,478.00		
RT STA 413+40.00 TO STA 479+96.00	6,656.00		
RT STA 480+58.00 TO STA 522+17.00	4,159.00		
LT STA 522+27.00 TO STA 533+00.00	1,073.00		
RT STA 533+60.00 TO STA 551+55.00	1,795.00		
RT STA 552+11.00 TO STA 553+78.00	167.00		
RT STA 554+26.00 TO STA 558+48.00	422.00		
STA 111+73.67 TO STA 216+06.00		2,610	
RT STA 216+06.00 TO STA 249+30.00			3,324.00
LT STA 216+06.00 TO STA 223+86.00		200	
LT STA 223+86.00 TO STA 257+50.00			3,364.00
RT STA 249+30.00 TO STA 257+50.00		210	
STA 257+50.00 TO STA 268+98.22		290	
STA 270+11.75 TO STA 329+03.00		1,480	
RT STA 329+03.00 TO STA 335+50.00			647.00
LT STA 329+03.00 TO STA 338+03.00		230	
LT STA 338+03.00 TO STA 344+88.00			685.00
RT STA 335+50.00 TO STA 344+88.00		240	
STA 344+88.00 TO STA 514+30.00		4,240	
RT STA 514+30.00 TO STA 522+55.00			825.00
RT STA 522+55.00 TO STA 530+85.00		210	
LT STA 514+30.00 TO STA 521+80.00		190	
LT STA 521+80.00 TO STA 530+85.00			905.00
STA 530+85.00 TO STA 588+48.00		1,450	
TOTAL	103,257	13,270	9,750

SHORT TERM PAVEMENT MARKINGS

LOCATION	APPLICATIONS	SHORT-TERM PAVEMENT MARKING FOOT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
600TH ST			
STA 100+00.00 TO STA 124+18.69	4	976	82
800TH AVE			
STA 156+08.79 TO STA 156+82.37	4	32	3
STA 157+06.37 TO STA 209+26.76	1	524	175
CH 10			
STA 111+73.67 TO STA 175+46.25	1	640	214
STA 176+65.17 TO STA 185+21.59	1	88	30
STA 185+75.91 TO STA 268+98.22	1	836	279
STA 270+11.75 TO STA 346+81.29	1	768	256
STA 348+12.29 TO STA 552+17.37	1	2,044	682
STA 552+26.45 TO STA 558+48.00	1	64	22
TOTAL		5,972	1,743

RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION	QTY EACH
CH 10	
STA 111+73.67 TO STA 268+98.22	132
STA 270+11.75 TO STA 558+48.00	241
TOTAL	373

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ON 120 FOOT CENTERS

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217schedule.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 100.0000 sf / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 1/15/2009	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

SCHEDULE OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	12
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

93482

ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS

LOCATION	TYPE	WIDTH	LENGTH	AGGREGATE SURFACE COURSE TON	AGGREGATE BASE COURSE TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	INCIDENTAL HMA SURFACING TON
600TH ST								
LT STA 102+26	CE HMA	14	28	-	-	15.56	5.47	6.13
LT STA 115+22	FE TURF	20	28	3.26	-	-	-	-
RT STA 100+82	CE HMA	20	28	-	-	22.22	7.33	8.21
RT STA 102+81	CE HMA	20	28	-	-	22.22	7.33	8.21
RT STA 104+85	CE HMA	28	28	-	-	31.11	9.82	11.00
SUBTOTAL				3.26	0.00	91.11	29.95	33.55
800TH AVE								
LT STA 173+02	FE TURF	18	23	5.82	-	-	-	-
LT STA 173+59	FE TURF	20	23	6.39	-	-	-	-
LT STA 183+38	FE TURF	18	23	5.82	-	-	-	-
LT STA 196+12	FE TURF	18	23	5.82	-	-	-	-
RT STA 170+16	FE TURF	22	26	7.90	-	-	-	-
SUBTOTAL				31.75	0.00	0.00	0.00	0.00

ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS

LOCATION	TYPE	WIDTH	LENGTH	AGGREGATE SURFACE COURSE TON	AGGREGATE BASE COURSE TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	INCIDENTAL HMA SURFACING TON
CH 10								
LT STA 116+86	FE TURF	24	18	7.44	-	-	-	8.10
LT STA 137+27	FE TURF	20	18	6.38	-	-	-	-
LT STA 149+51	FE TURF	20	18	6.38	-	-	-	4.41
LT STA 159+41	PE OIL & CHIP	22	18	-	-	24.44	5.51	7.11
LT STA 177+10	FE AGG	16	38	10.63	-	-	-	-
LT STA 189+10	SR HMA	17	22	-	-	18.89	3.00	4.57
LT STA 220+85	CE HMA	12	28	-	-	13.33	4.84	-
LT STA 224+00	FE TURF	16	28	7.97	-	-	-	7.22
LT STA 236+15	SR OIL & CHIP	18	20	-	-	20.00	3.11	-
LT STA 238+90	FE TURF	12	34	7.44	-	-	-	-
LT STA 243+15	FE TURF	18	28	8.84	-	-	-	7.22
LT STA 261+78	FE TURF	22	17	6.54	-	-	-	5.98
LT STA 270+30	FE HMA/AGG	16&18	18	16.00	-	-	-	-
LT STA 296+80	SR OIL & CHIP	19	18	-	-	21.11	4.91	4.90
LT STA 312+25	PE HMA	14	19	-	-	15.56	4.07	8.69
LT STA 335+30	FE TURF	20	17	7.29	-	-	-	4.25
LT STA 336+46	CE HMA/AGG	24	17	-	-	-	3.33	-
LT STA 372+89	PE HMA	16	18	-	-	26.67	5.91	-
LT STA 384+37	PE AGG	26	18	-	-	-	2.89	-
LT STA 392+69	FE TURF	16	18	7.97	-	-	-	-
LT STA 400+34	FE TURF	25	23	6.64	-	-	-	9.39
LT STA 403+20	FE TURF	20	18	7.71	-	-	-	4.25
LT STA 413+82	FE TURF	19	19	6.71	-	-	-	-
LT STA 427+10	SR OIL & CHIP	25	-	-	-	21.11	6.39	5.35
LT STA 447+00	MB	20	-	-	7.40	-	2.17	7.47
LT STA 448+53	FE AGG	12	19	6.71	-	-	-	-
LT STA 449+26	PE HMA	12	19	-	-	13.33	3.64	7.22
LT STA 449+98	PE/MB HMA	16	19	-	-	13.33	5.08	7.22
LT STA 453+61	FE TURF	19	19	5.58	-	-	-	5.16
LT STA 480+23	PE OIL & CHIP	19	18	-	-	21.11	4.91	4.97
LT STA 486+41	CE HMA	12	18	-	-	21.11	4.91	-
LT STA 488+16	PE HMA	12	18	-	-	13.33	3.51	-
LT STA 489+12	PE HMA	16	17	-	-	13.33	3.38	4.97
LT STA 493+61	FE AGG	20	17	5.05	-	-	-	-
LT STA 510+21	FE TURF	12	17	6.05	-	-	-	-
LT STA 520+00	PE HMA	16	17	-	-	13.33	3.38	9.97
LT STA 533+15	FE AGG	58	18	5.31	-	-	-	7.19
LT STA 544+20	FE TURF	30	14	12.62	-	-	-	-
LT STA 550+35	SR CONC	16	17	-	-	-	6.78	7.22
LT STA 552+00	SR OIL & CHIP	16	17	-	-	22.22	4.89	5.56
LT STA 556+22	FE TURF	19	18	5.31	-	-	-	4.41
LT STA 558+11	PE HMA	24	18	-	-	21.11	4.91	7.56
RT STA 120+04	CE AGG	13	18	-	-	-	3.78	3.59
RT STA 146+95	CE AGG	12	18	-	-	-	3.00	7.92
RT STA 155+42	PE/MB AGG	13.5	18	-	-	-	5.14	-
RT STA 188+83	PE AGG	20	19	-	-	-	2.44	6.92
RT STA 200+00	PE/MB HMA	18	19	-	-	15.00	5.39	-
RT STA 209+08	FE TURF	18	18	6.38	-	-	-	-
RT STA 215+40	SR OIL & CHIP	18	-	-	-	20.00	4.71	-

ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS (CONTINUED)

LOCATION	TYPE	WIDTH	LENGTH	AGGREGATE SURFACE COURSE TON	AGGREGATE BASE COURSE TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	INCIDENTAL HMA SURFACING TON
RT STA 227+50	PE HMA/AGG	25	28	-	-	-	-	3.89
RT STA 232+50	PE/MB (NOTE 1) HMA/AGG	16	27	-	27.33	-	-	5.06
RT STA 234+35	PE/MB (NOTE 2) HMA	12	27	-	-	-	-	-
RT STA 237+75	FE AGG	16	27	7.71	-	-	-	2.89
RT STA 243+65	PE HMA	12	28	-	-	13.33	-	4.84
RT STA 253+13	FE TURF	22	19	7.27	-	-	-	-
RT STA 268+20	CE AGG	16	18	-	-	-	-	2.89
RT STA 268+89	CE AGG	13	18	-	-	-	-	2.56
RT STA 271+52	CE HMA	24	18	-	-	26.67	-	3.78
RT STA 272+40	PE HMA	14	18	-	-	15.56	-	3.91
RT STA 283+05	FE TURF	16	18	5.31	-	-	-	-
RT STA 296+80	SR OIL & CHIP	17	18	-	-	18.89	-	4.51
RT STA 312+25	MB	-	-	-	7.40	-	-	2.17
RT STA 323+48	DBL FE TURF	16	18	5.31	-	-	-	-
RT STA 335+30	FE TURF	25	19	8.12	-	-	-	-
RT STA 373+01	MB	-	-	-	7.40	-	-	2.17
RT STA 374+03	FE TURF	19	18	6.11	-	-	-	-
RT STA 384+20	MB	-	-	-	7.40	-	-	2.17
RT STA 389+31	FE HMA	20	18	-	-	22.22	-	-
RT STA 400+51	DBL FE TURF	16	23	6.64	-	-	-	-
RT STA 413+10	SR OIL & CHIP	24	17	-	-	26.67	-	5.64
RT STA 427+15	FE TURF	19	16	5.48	-	-	-	-
RT STA 447+00	PE AGG	16	17	-	-	-	-	2.89
RT STA 453+75	FE TURF	16	17	5.05	-	-	-	-
RT STA 467+17	FE TURF	18	18	5.85	-	-	-	-
RT STA 480+23	SR OIL & CHIP	19	18	-	-	21.11	-	4.91
RT STA 488+00	FE TURF	21	19	6.99	-	-	-	-
RT STA 489+00	MB	-	-	-	7.40	-	-	2.17
RT STA 491+00	FE TURF	20	19	6.71	-	-	-	-
RT STA 506+59	FE TURF	16	19	5.58	-	-	-	-
RT STA 512+96	FE TURF	18	19	6.15	-	-	-	-
RT STA 520+15	MB	-	-	-	7.40	-	-	2.17
RT STA 524+45	CE HMA	18	19	-	-	20.00	-	4.91
RT STA 525+90	CE AGG	38	19	-	-	-	-	5.33
RT STA 526+49	CE AGG	30	19	-	-	-	-	4.44
RT STA 528+95	FE TURF	16	19	5.58	-	-	-	-
RT STA 533+31	SR OIL & CHIP	22	18	-	-	24.44	-	-
RT STA 543+67	CE OIL & CHIP	20	22	-	-	22.22	-	6.00
RT STA 548+22	CE OIL & CHIP	12	19	-	-	13.33	-	3.64
RT STA 550+53	CE OIL & CHIP	12	19	-	-	13.33	-	3.64
RT STA 551+84	SR OIL & CHIP	12	19	-	-	13.33	-	-
RT STA 554+03	SR OIL & CHIP	18	18	-	-	20.00	-	-
RT STA 555+75	PE HMA	18	18	-	-	20.00	-	4.71
RT STA 556+56	PE HMA	12	18	-	-	13.33	-	3.51
RT STA 558+33	PE HMA	12	18	-	-	13.33	-	3.51
SUBTOTAL				260.81	71.73	619.41	202.56	305.22
TOTAL				295.82	71.73	710.52	232.51	338.77

REMOVAL OF OIL AND CHIP SURFACE MATERIAL FOR BUTT JOINTS TO BE PAID AS HMA SURFACE REMOVAL - BUTT JOINT

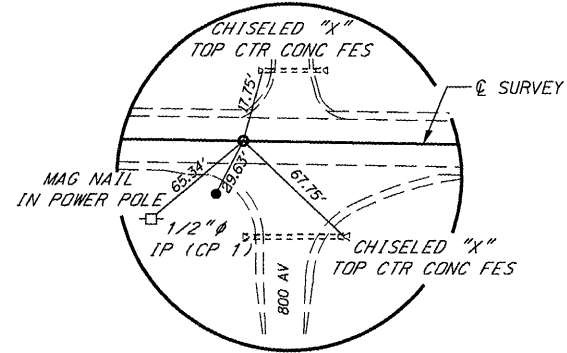
CUMMINS ENGINEERING CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217schedule.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 100.0000 s f / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/28/2009	DATE - 1/15/2009	REVISED -

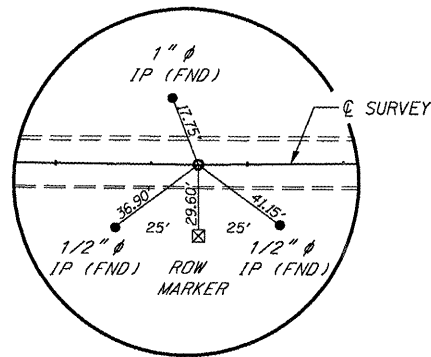
LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

SCHEDULE OF QUANTITIES

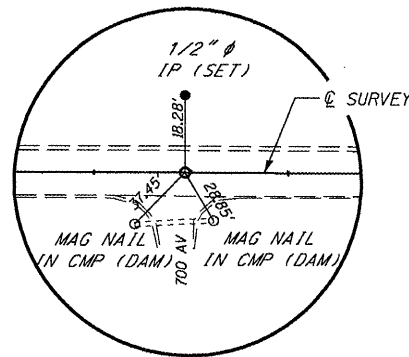
F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93482	



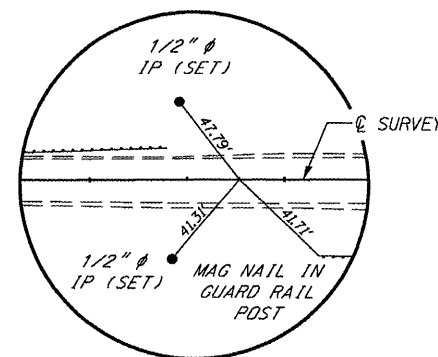
P.I. STA 109+95.70
MAG NAIL (SET)



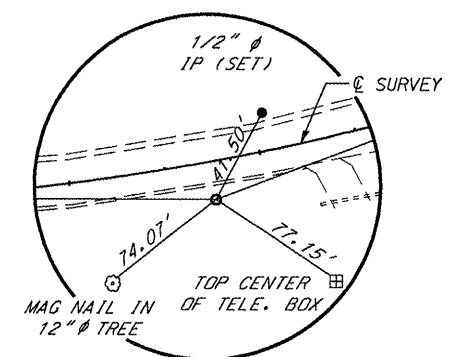
P.I. STA 162+74.58
IRON PIN (FOUND)



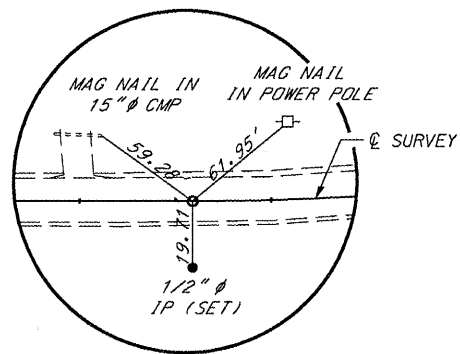
P.O.T. STA 215+46.86
MAG NAIL (SET)



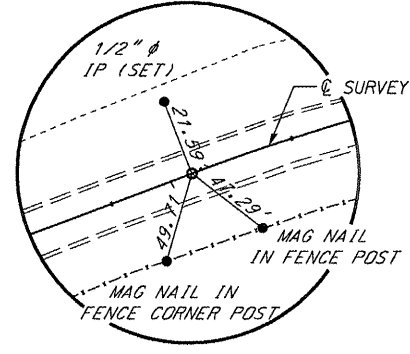
P.I. STA 187+76.87
MAG NAIL (SET)



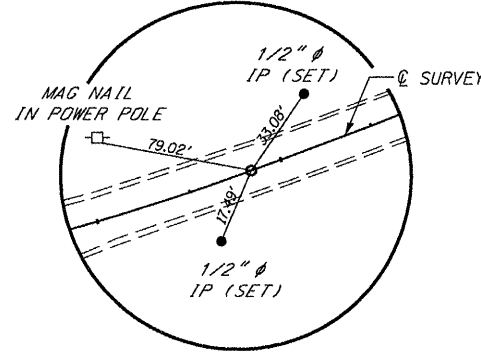
P.I. STA 226+71.37
1/2" IRON PIN (SET)



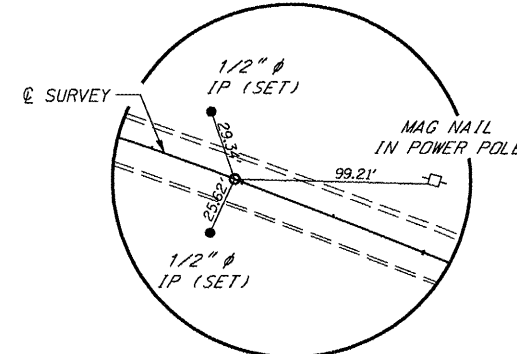
P.C. STA 224+58.96
MAG NAIL (SET)



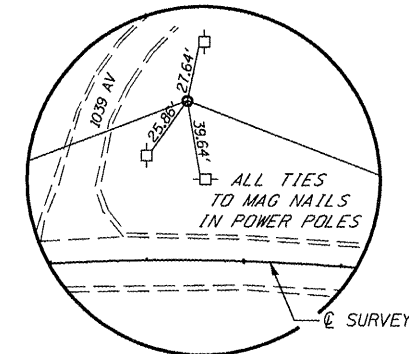
P.C. STA 232+44.81
MAG NAIL (SET)



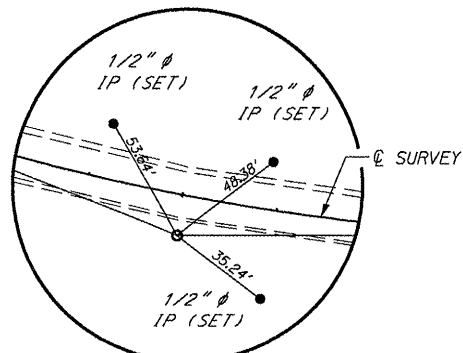
P.T. STA 228+83.78
MAG NAIL (SET)



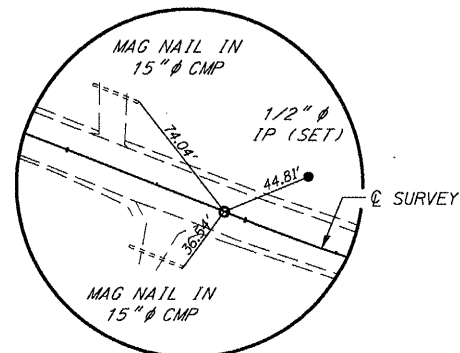
P.T. STA 240+96.43
MAG NAIL (SET)



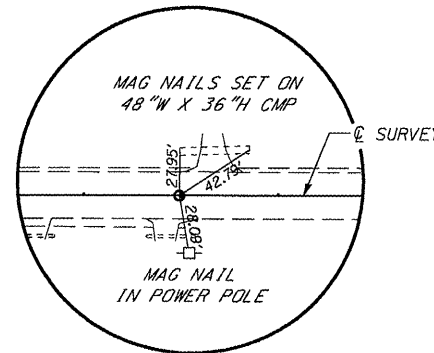
P.I. STA 236+70.62
IRON PIN (FOUND)



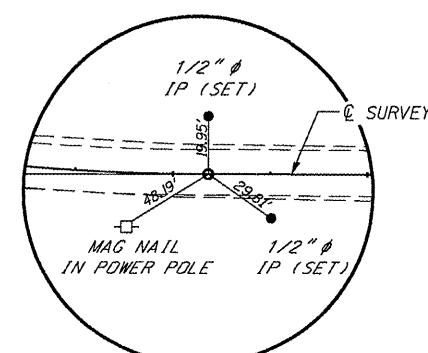
P.I. STA 246+04.45
IRON PIN (SET)



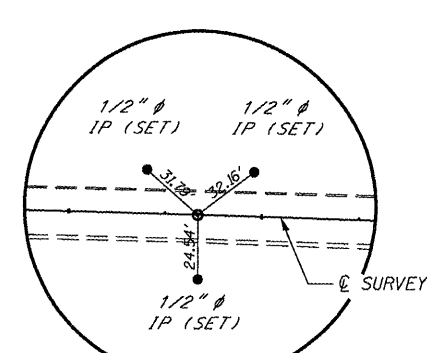
P.C. STA 243+89.63
MAG NAIL (SET)



P.O.T. STA 270+11.75
RR SPIKE (FOUND)



P.T. STA 248+19.27
MAG NAIL (SET)



P.I. STA 317+66.95
MAG NAIL (SET)

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 2217cross.ties.dgn
PLOT SCALE = 100.0000 sf / IN.
PLOT DATE = 1/28/2009

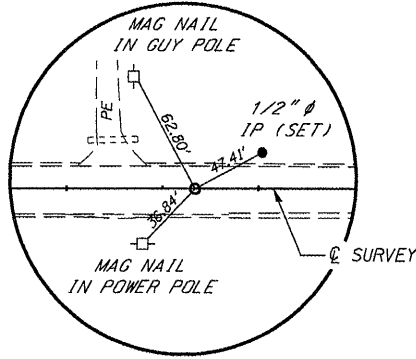
DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/21/2008

REVISED -
REVISED -
REVISED -
REVISED -

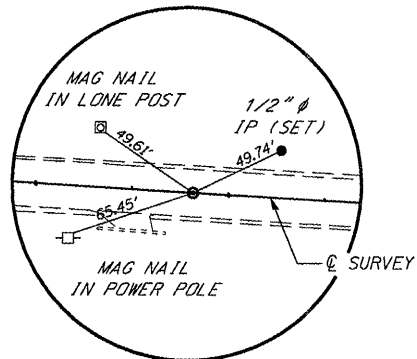
LOGAN COUNTY
CH 10, TR 199A, TR 92

CROSS TIES

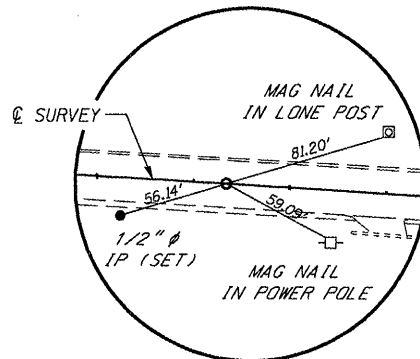
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	14
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



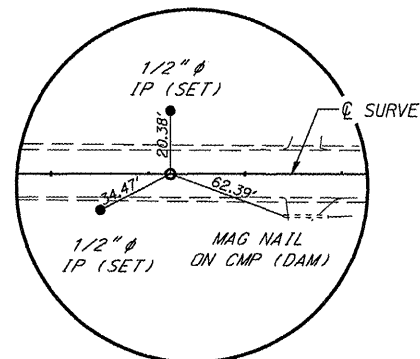
P.C. STA 312+66.96
MAG NAIL (SET)



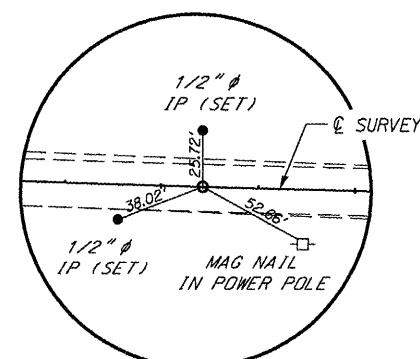
P.C. STA 323+81.51
MAG NAIL (SET)



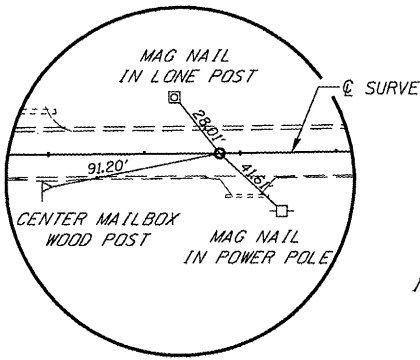
P.T. STA 322+66.94
MAG NAIL (SET)



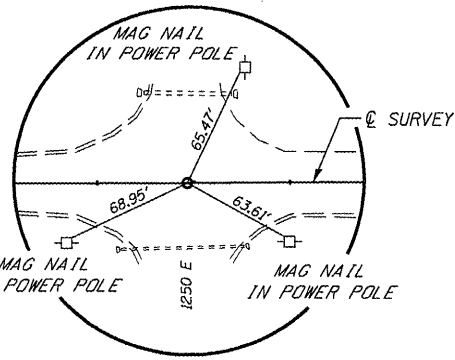
P.T. STA 334+61.50
MAG NAIL (SET)



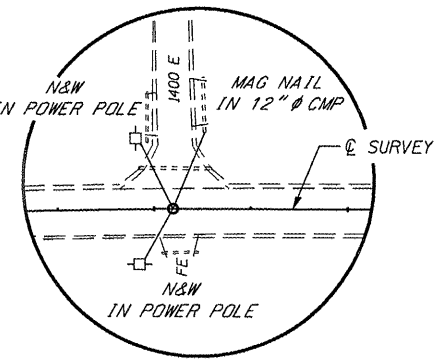
P.I. STA 329+21.50
MAG NAIL (SET)



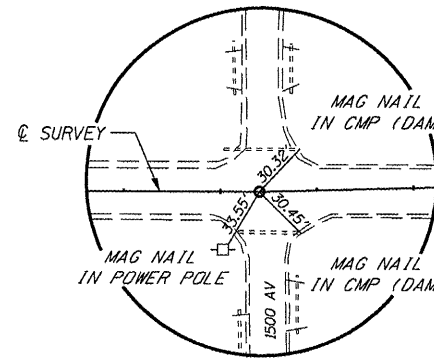
P.I. STA 373+89.34
BOLT (FOUND)



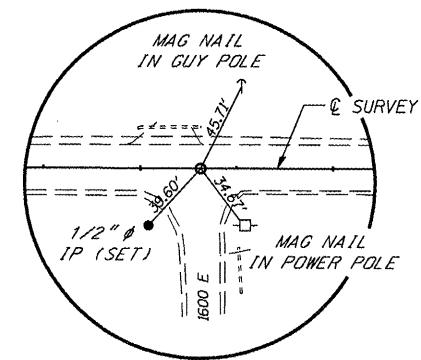
P.I. STA 347+46.33
MAG NAIL (FOUND)



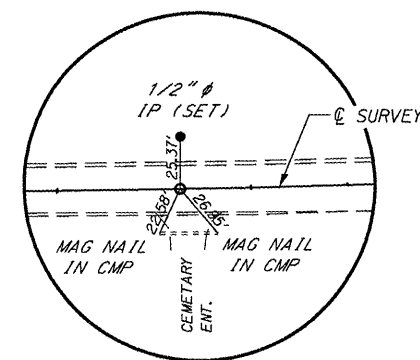
P.I. STA 427+09.83
MAG NAIL (SET)



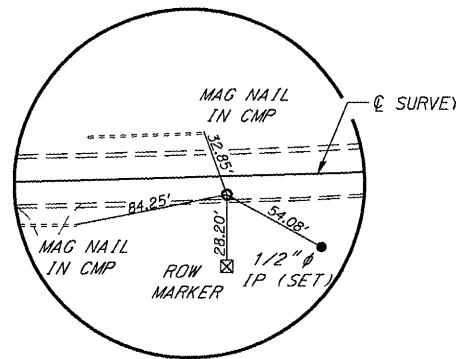
P.I. STA 480+20.38
MAG NAIL (FOUND)



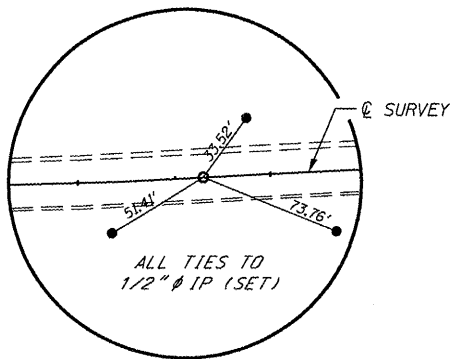
P.I. STA 533+31.34
RR SPIKE (FOUND)



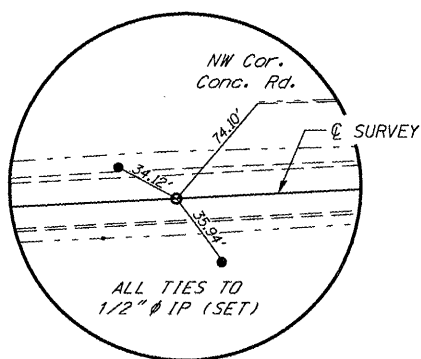
P.C. STA 543+63.51
MAG NAIL (SET)



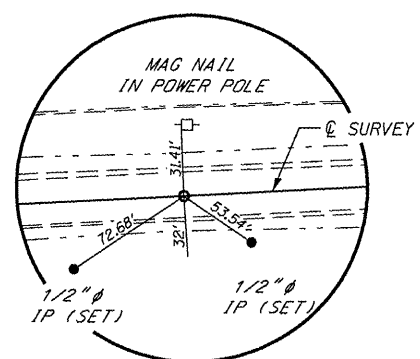
P.I. STA 544+64.18



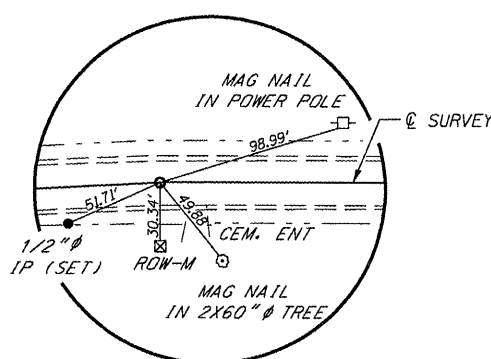
P.T. STA 545+64.84
MAG NAIL (SET)



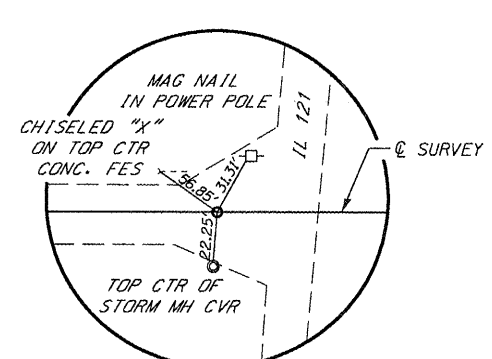
P.C. STA 546+06.64
MAG NAIL (SET)



P.I. STA 547+04.96
MAG NAIL (SET)



P.T. STA 548+03.29
MAG NAIL (SET)



P.O.T. STA 559+13.28
DRILL HOLE (SET)

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 2217cross.ties.dgn
PLOT SCALE = 100.0000 sf / IN.
PLOT DATE = 1/20/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/21/2008

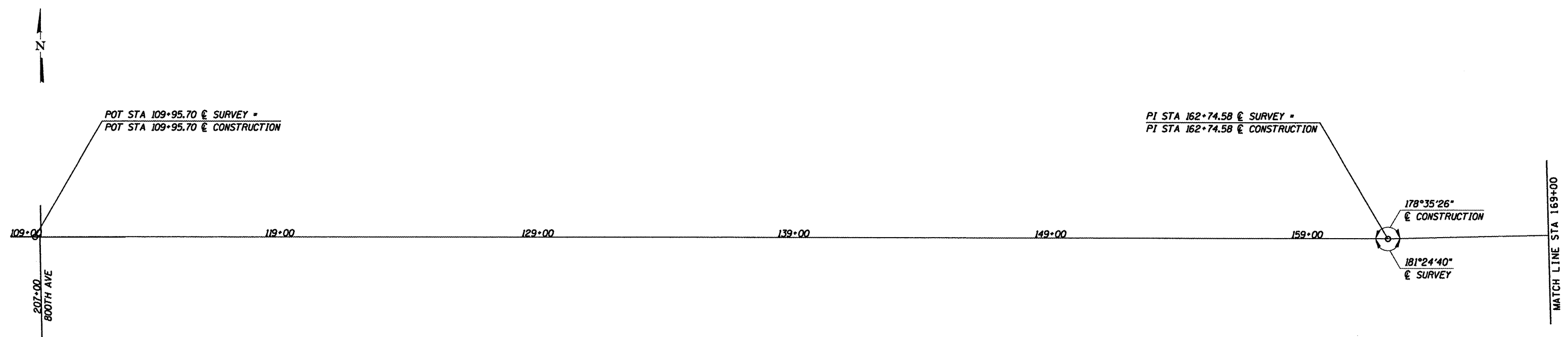
REVISED -
REVISED -
REVISED -
REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92

CROSS TIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO.	

93482

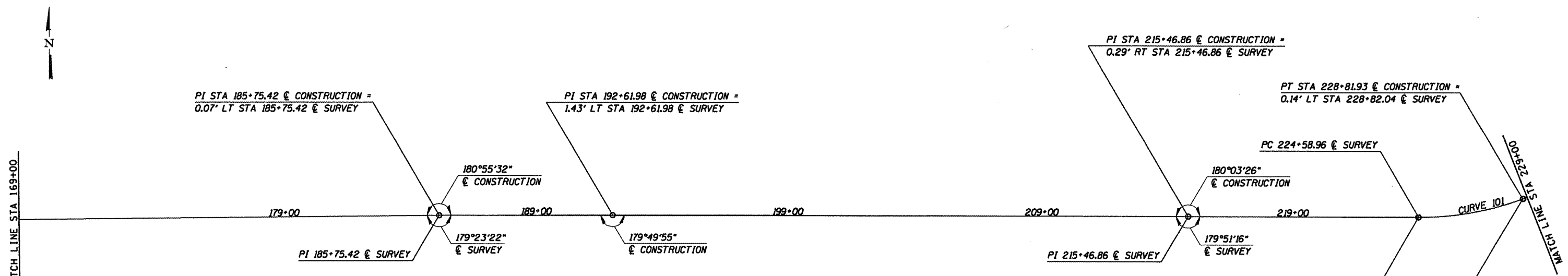


COORDINATE DATA: CENTERLINE CONSTRUCTION

P. O. T.	STA. 109+95.70	NORTH	1,221,978.85
		EAST	2,499,476.93
P. I.	STA. 162+74.58	NORTH	1,221,904.86
		EAST	2,504,755.29

COORDINATE DATA: CENTERLINE SURVEY

P. O. T.	STA. 109+95.70	NORTH	1,221,978.85
		EAST	2,499,476.93
P. I.	STA. 162+74.58	NORTH	1,221,904.86
		EAST	2,504,755.29



COORDINATE DATA: CENTERLINE CONSTRUCTION

P. I.	STA. 185+75.42	NORTH	1,221,929.21
		EAST	2,507,056.00
P. I.	STA. 192+61.98	NORTH	1,221,930.68
		EAST	2,507,742.55
P. I.	STA. 215+46.86	NORTH	1,221,928.86
		EAST	2,510,027.44
P. C.	STA. 224+60.71	NORTH	1,221,927.22
		EAST	2,510,941.28
P. I.	STA. 226+73.73	NORTH	1,221,926.84
		EAST	2,511,154.30
P. T.	STA. 228+81.93	NORTH	1,222,003.07
		EAST	2,511,353.21

COORDINATE DATA: CENTERLINE SURVEY

P. I.	STA. 185+75.42	NORTH	1,221,929.28
		EAST	2,507,056.00
P. I.	STA. 215+46.86	NORTH	1,221,929.15
		EAST	2,510,027.44
P. C.	STA. 224+58.96	NORTH	1,221,926.79
		EAST	2,510,939.54
P. I.	STA. 226+73.84	NORTH	1,221,926.24
		EAST	2,511,154.41
P. T.	STA. 228+83.78	NORTH	1,222,003.57
		EAST	2,511,354.89

⊕ SURVEY	⊕ CONSTRUCTION
CURVE 101	CURVE 101
Δ 21°14'28"	Δ 21°04'20"
D 5°00'00"	D 5°00'09"
T 214.88	T 213.02
R 1145.92	R 1145.32
L 424.82	L 421.23
C 422.39	C 418.86
E 19.97	E 19.64
PC 224+58.96	PC 224+60.71
PI 226+73.84	PI 226+73.73
PT 228+83.78	PT 228+81.93

SE 8.0%
 ATTAIN SE STA 228+94.21 TO STA 225+16.21
 REMOVE SE STA 228+26.43 TO STA 230+48.43



COORDINATE DATA: CENTERLINE CONSTRUCTION

P. C.	STA. 232+46.96	NORTH	1,222,133.70
		EAST	2,511,694.07
P. I.	STA. 236+88.42	NORTH	1,222,291.69
		EAST	2,512,106.29
P. T.	STA. 240+89.66	NORTH	1,222,132.05
		EAST	2,512,517.87
P. C.	STA. 243+94.29	NORTH	1,222,021.89
		EAST	2,512,801.89
P. I.	STA. 246+08.53	NORTH	1,221,944.42
		EAST	2,513,001.63
P. T.	STA. 248+17.87	NORTH	1,221,944.40
		EAST	2,513,215.87
P. I.	STA. 263+46.56	NORTH	1,221,944.26
		EAST	2,514,744.55
P. I.	STA. 270+11.75	NORTH	1,221,943.59
		EAST	2,515,296.22

COORDINATE DATA: CENTERLINE SURVEY

P. C.	STA. 232+44.81	NORTH	1,222,133.49
		EAST	2,511,691.73
P. I.	STA. 236+91.36	NORTH	1,222,294.20
		EAST	2,512,108.36
P. T.	STA. 240+96.43	NORTH	1,222,130.63
		EAST	2,512,523.88
P. C.	STA. 243+89.63	NORTH	1,222,023.22
		EAST	2,512,796.70
P. I.	STA. 246+07.00	NORTH	1,221,943.60
		EAST	2,512,998.97
P. T.	STA. 248+19.27	NORTH	1,221,943.57
		EAST	2,513,216.34
P. I.	STA. 270+11.75	NORTH	1,221,943.35
		EAST	2,515,296.22

© SURVEY
CURVE 102

Δ	42°34'52"
D	5°00'00"
T	446.56
R	1145.91
L	851.62
C	832.16
E	83.94
PC	232+44.81
PI	236+91.37
PT	240+96.43

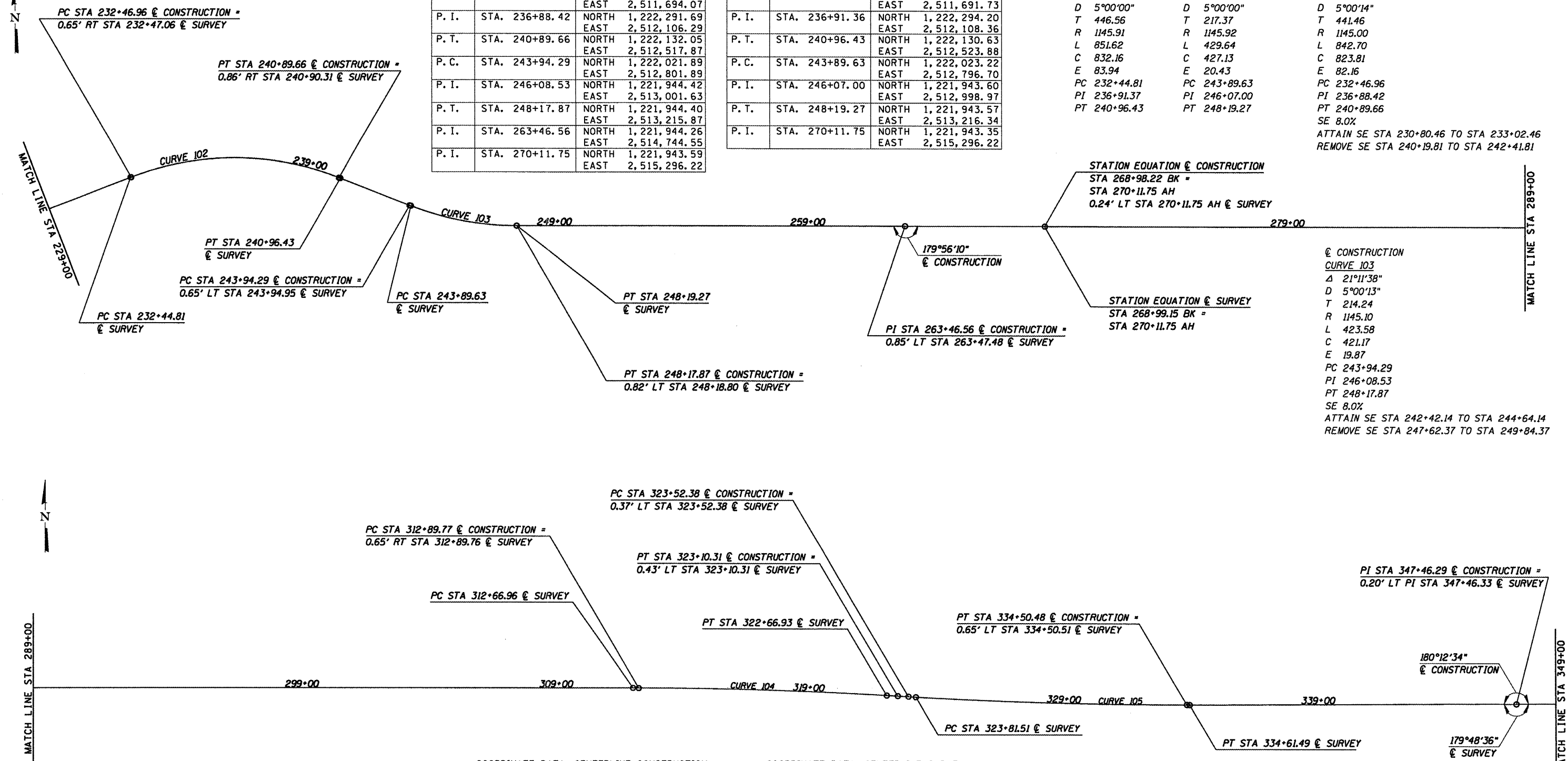
© SURVEY
CURVE 103

Δ	21°28'55"
D	5°00'00"
T	217.37
R	1145.92
L	429.64
C	427.13
E	20.43
PC	243+89.63
PI	246+07.00
PT	248+19.27

© CONSTRUCTION
CURVE 102

Δ	42°10'07"
D	5°00'14"
T	441.46
R	1145.00
L	842.70
C	823.81
E	82.16
PC	232+46.96
PI	236+88.42
PT	240+89.66
SE	8.0%

ATTAIN SE STA 230+80.46 TO STA 233+02.46
REMOVE SE STA 240+19.81 TO STA 242+41.81



COORDINATE DATA: CENTERLINE CONSTRUCTION

P. C.	STA. 312+89.77	NORTH	1,221,942.59
		EAST	2,519,574.23
P. I.	STA. 318+00.19	NORTH	1,221,942.47
		EAST	2,520,084.65
P. T.	STA. 323+10.31	NORTH	1,221,912.07
		EAST	2,520,594.17
P. C.	STA. 323+52.38	NORTH	1,221,909.56
		EAST	2,520,636.16
P. I.	STA. 329+01.61	NORTH	1,221,876.84
		EAST	2,521,184.42
P. T.	STA. 334+50.48	NORTH	1,221,878.99
		EAST	2,521,733.65
P. I.	STA. 347+46.29	NORTH	1,221,884.06
		EAST	2,523,029.46

COORDINATE DATA: CENTERLINE SURVEY

P. C.	STA. 312+66.96	NORTH	1,221,943.26
		EAST	2,519,551.43
P. I.	STA. 317+67.09	NORTH	1,221,943.25
		EAST	2,520,051.56
P. T.	STA. 322+66.93	NORTH	1,221,914.16
		EAST	2,520,550.84
P. C.	STA. 323+81.51	NORTH	1,221,907.49
		EAST	2,520,665.22
P. I.	STA. 329+21.68	NORTH	1,221,876.07
		EAST	2,521,204.47
P. T.	STA. 334+61.49	NORTH	1,221,878.38
		EAST	2,521,744.63
P. I.	STA. 347+46.33	NORTH	1,221,883.86
		EAST	2,523,029.46

© SURVEY
CURVE 104

Δ	3°20'00"
D	0°20'00"
T	500.13
R	17188.80
L	999.97
C	999.83
E	7.27
PC	312+66.96
PI	317+67.09
PT	322+66.93

© SURVEY
CURVE 105

Δ	3°44'45"
D	0°19'53"
T	540.17
R	17288.74
L	1079.98
C	1079.80
E	8.44
PC	323+81.51
PI	329+21.68
PT	334+61.49

© CONSTRUCTION
CURVE 104

Δ	3°24'07"
D	0°20'00"
T	510.42
R	17188.13
L	1020.54
C	1020.39
E	7.58
PC	312+89.77
PI	318+00.19
PT	323+10.31
NORMAL CROWN	

© CONSTRUCTION
CURVE 105

Δ	3°38'22"
D	0°19'53"
T	549.24
R	17287.64
L	1098.10
C	1097.92
E	8.72
PC	323+52.38
PI	329+01.61
PT	334+50.48
NORMAL CROWN	

CUMMINS ENGINEERING CORPORATION

JOB =	2217
FILE NAME =	2217align.dgn
PLOT SCALE =	1/8" = 100.000' / IN.
PLOT DATE =	1/29/2009
DESIGNED -	NAK
DRAWN -	AJH
CHECKED -	NAK
DATE -	11/03/2008
REVISED -	
REVISED -	
REVISED -	
REVISED -	

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

ALIGNMENT

STA. 229+00 TO STA. 349+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	17
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

93482



MATCH LINE STA 349+00

MATCH LINE STA 409+00

COORDINATE DATA: CENTERLINE CONSTRUCTION

P. I.	STA. 373+89.30	NORTH	1,221,904.06
		EAST	2,525,672.39
P. I.	STA. 381+11.00	NORTH	1,221,915.70
		EAST	2,526,394.00
P. I.	STA. 395+19.94	NORTH	1,221,940.45
		EAST	2,527,802.71

COORDINATE DATA: CENTERLINE SURVEY

P. I.	STA. 373+89.33	NORTH	1,221,903.91
		EAST	2,525,672.39

PI STA 373+89.30 @ CONSTRUCTION = 0.15' LT PI STA 373+89.33 @ SURVEY

PI STA 395+19.94 @ CONSTRUCTION = 0.05' LT PI STA 395+19.97 @ SURVEY

179°30'34" @ CONSTRUCTION

180°32'48" @ SURVEY

179°55'04" @ CONSTRUCTION

179°56'42" @ CONSTRUCTION

PI STA 381+11.00 @ CONSTRUCTION = 0.57' RT PI STA 381+11.04 @ SURVEY

PI STA 427+09.79 @ CONSTRUCTION = 1.60' RT PI STA 427+09.86 @ SURVEY

PI STA 456+63.10 @ CONSTRUCTION = 0.35' RT PI STA 456+63.16 @ SURVEY

181°00'26" @ CONSTRUCTION

178°56'19" @ SURVEY

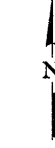
179°59'15" @ CONSTRUCTION

COORDINATE DATA: CENTERLINE CONSTRUCTION

P. I.	STA. 427+09.79	NORTH	1,221,993.42
		EAST	2,530,992.13
P. I.	STA. 456+63.10	NORTH	1,221,990.54
		EAST	2,533,945.43

COORDINATE DATA: CENTERLINE SURVEY

P. I.	STA. 427+09.83	NORTH	1,221,995.02
		EAST	2,530,992.10



MATCH LINE STA 409+00

MATCH LINE STA 469+00

CUMMINS ENGINEERING CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217align.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 100.003' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -

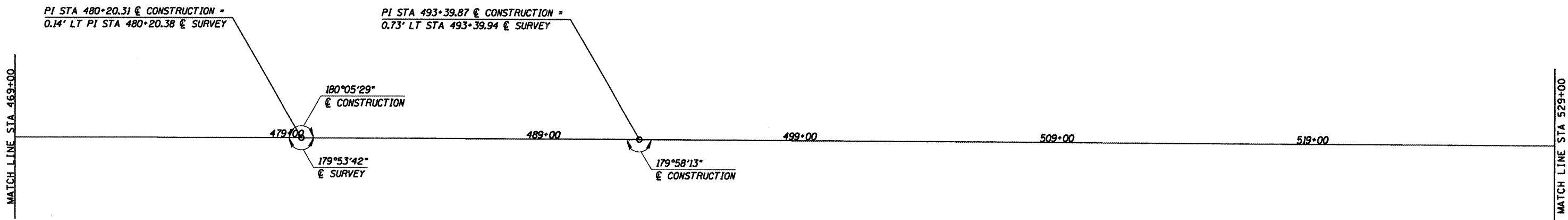
DESIGNED - NAK	REVISED -
DRAWN - AJH	REVISED -
CHECKED - NAK	REVISED -
DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

ALIGNMENT

STA. 349+00 TO STA. 469+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	18
CH 10, TR 199A, TR 92			CONTRACT NO. 03482	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

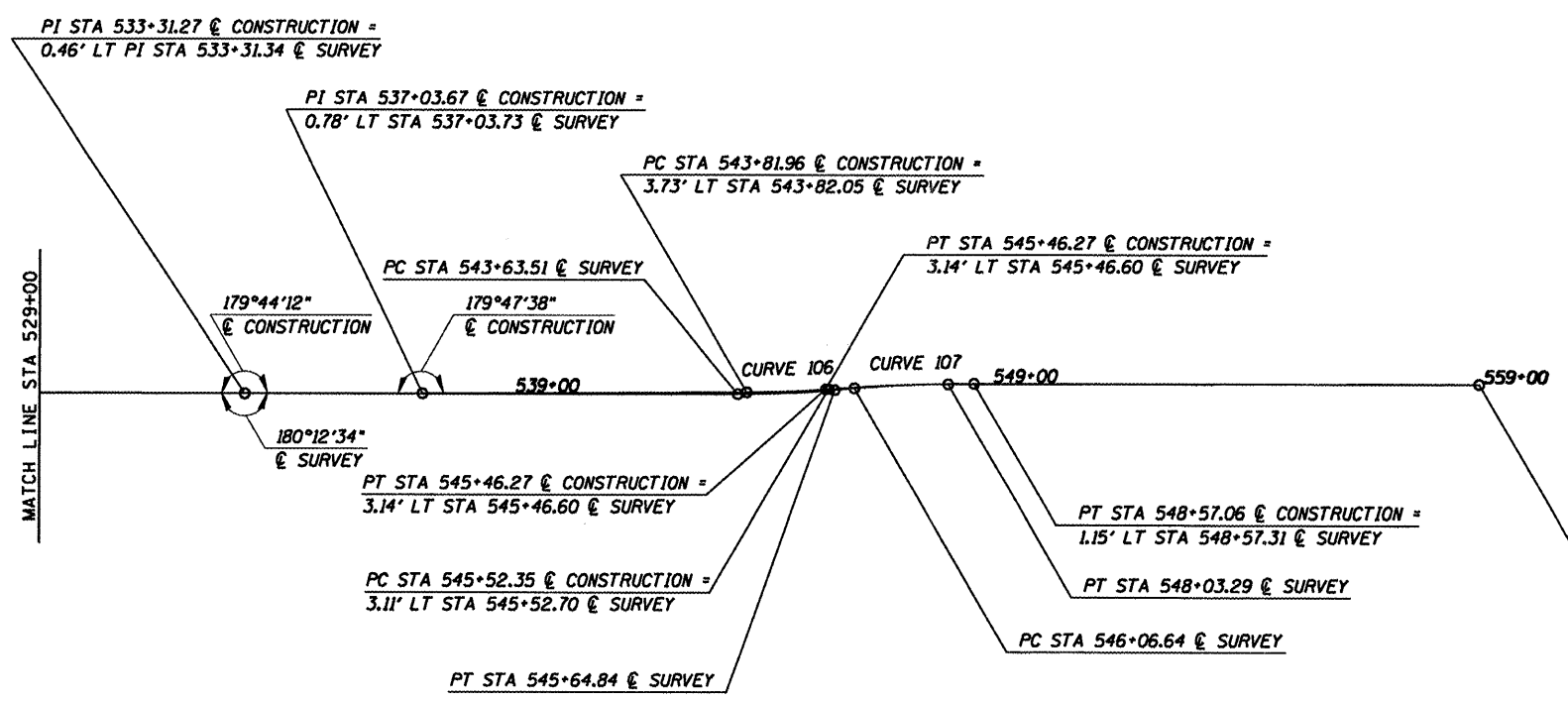
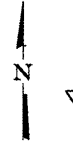


COORDINATE DATA: CENTERLINE CONSTRUCTION

P. I.	STA. 480+20.31	NORTH	1,221,987.74
		EAST	2,536,302.65
P. I.	STA. 493+39.87	NORTH	1,221,984.06
		EAST	2,537,622.20

COORDINATE DATA: CENTERLINE CONSTRUCTION

P. I.	STA. 480+20.38	NORTH	1,221,987.60
		EAST	2,536,302.65



COORDINATE DATA: CENTERLINE CONSTRUCTION

P. I.	STA. 533+31.27	NORTH	1,221,970.89
		EAST	2,541,613.58
P. I.	STA. 537+03.67	NORTH	1,221,971.37
		EAST	2,541,985.97
P. C.	STA. 543+81.96	NORTH	1,221,974.69
		EAST	2,542,664.26
P. I.	STA. 544+64.15	NORTH	1,221,975.09
		EAST	2,542,746.45
P. T.	STA. 545+46.27	NORTH	1,221,981.39
		EAST	2,542,828.40
P. C.	STA. 545+52.35	NORTH	1,221,981.85
		EAST	2,542,834.46
P. I.	STA. 547+04.78	NORTH	1,221,993.53
		EAST	2,542,986.44
P. T.	STA. 548+57.06	NORTH	1,221,993.60
		EAST	2,543,138.86
P. O. T.	STA. 559+13.03	NORTH	1,221,994.12
		EAST	2,544,194.84

COORDINATE DATA: CENTERLINE SURVEY

P. I.	STA. 533+31.34	NORTH	1,221,970.43
		EAST	2,541,613.58
P. C.	STA. 543+63.51	NORTH	1,221,970.87
		EAST	2,542,645.75
P. I.	STA. 544+64.24	NORTH	1,221,970.92
		EAST	2,542,746.48
P. T.	STA. 545+64.84	NORTH	1,221,979.80
		EAST	2,542,846.82
P. C.	STA. 546+06.64	NORTH	1,221,983.48
		EAST	2,542,888.45
P. I.	STA. 547+05.02	NORTH	1,221,992.15
		EAST	2,542,986.45
P. T.	STA. 548+03.29	NORTH	1,221,992.35
		EAST	2,543,084.84
P. O. T.	STA. 559+13.28	NORTH	1,221,994.55
		EAST	2,544,194.83

@ SURVEY	@ SURVEY	@ CONSTRUCTION	@ CONSTRUCTION
CURVE 106	CURVE 107	CURVE 106	CURVE 107
I 5°01'59"	I 4°56'39"	Δ 4°06'45"	Δ 4°21'52"
D 2°30'00"	D 2°30'51"	D 2°30'11"	D 1°25'57"
T 100.73	T 98.39	T 82.19	T 152.43
R 2291.80	R 2278.92	R 2289.14	R 4000.00
L 201.33	L 196.65	L 164.31	L 304.70
C 201.27	C 196.59	C 164.28	C 304.63
E 2.21	E 2.12	E 1.48	E 2.90
PC 543+63.51	PC 546+06.64	PC 543+81.96	PC 545+52.35
PI 544+64.24	PI 547+05.02	PI 544+64.15	PI 547+04.78
PT 545+64.84	PT 548+03.29	PT 545+46.27	PT 548+57.06
		NORMAL CROWN	NORMAL CROWN

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217align.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 1/200.003' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

ALIGNMENT	STA. 469+00 TO STA. 559+00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	19
	CH 10, TR 199A, TR 92		CONTRACT NO.	
	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

93482

E 1/2, SEC 20, T18N, R3W, 3RD PM

E 1/2, SEC 17, T18N, R3W, 3RD PM

ICG ILLINOIS LLC
VIPER MINE

STA 166+15
PROPOSED PIPE CULVERTS
CLASS A, TYPE I, 18"X36'
W/ STANDARD 542301 END SECTIONS
USFL 25.1' RT STA 166+06 @ ELEV 587.80
DSFL 23.1' LT STA 166+23 @ ELEV 587.05
PIPE CULVERT REMOVAL 18" CMP X 36'

DATE	
BY	
DESIGNED	
PLANNED	
ALIGNED	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
ADD. FILE NAME	

DATE	
BY	
DESIGNED	
PLANNED	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
ADD. FILE NAME	

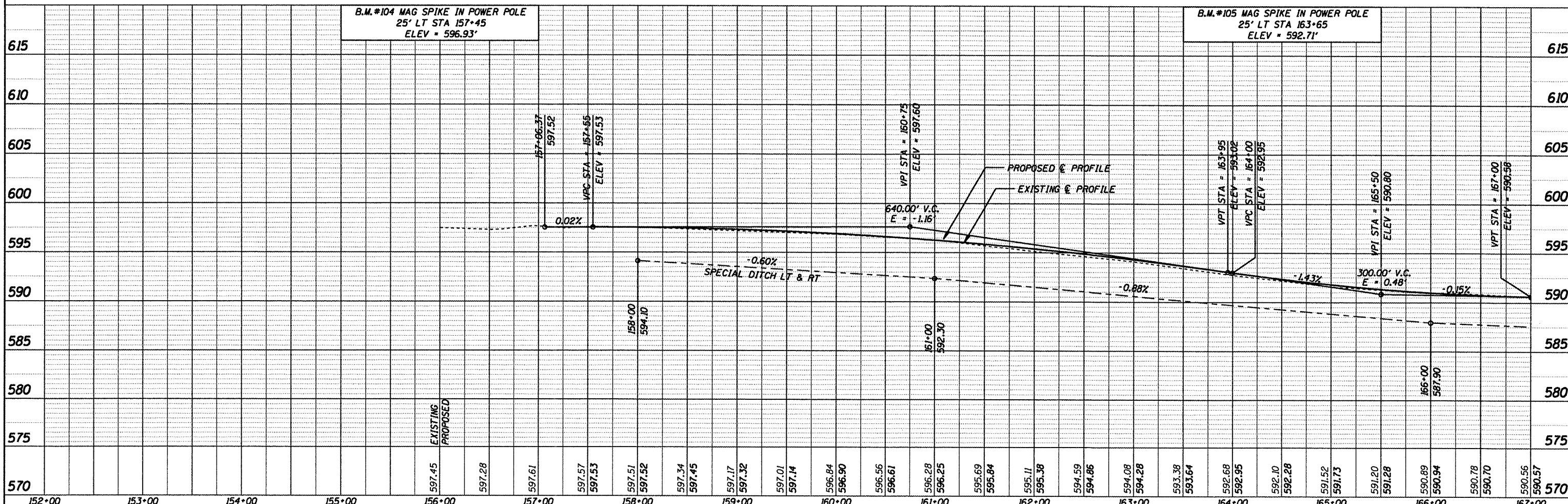
BEGIN TR 92 IMPROVEMENT
STA 156+08.79

STA 123+36.69 (600TH ST) =
STA 156+94.37 (800TH AVE)

END TR 199A IMPROVEMENT
STA 124+18.69

W 1/2, SEC 21, T18N, R3W, 3RD PM

WILLIAM B. BATES
W 1/2, SEC 16, T18N, R3W, 3RD PM



B.M. #104 MAG SPIKE IN POWER POLE
25' LT STA 157+45
ELEV = 596.93'

B.M. #105 MAG SPIKE IN POWER POLE
25' LT STA 163+65
ELEV = 592.71'

152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00	160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00																											
597.45	597.28	597.61	597.57	597.53	597.51	597.52	597.34	597.45	597.17	597.32	597.01	597.14	596.84	596.90	596.56	596.61	596.28	596.25	595.69	595.84	595.11	595.38	594.59	594.86	594.08	594.28	593.38	593.64	592.68	592.95	592.10	592.28	591.52	591.73	591.20	591.28	590.89	590.94	590.78	590.70	590.56	590.57

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 800ave.ppl.dgn
PLOT SCALE = 1/8" = 100.0000' / IN.
PLOT DATE = 1/28/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/03/2008

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

PLAN & PROFILE - 800TH AVE
STA. 157+06.37 TO STA. 167+00

FILES	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	20
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482

E 1/2, SEC 17, T18N, R3W, 3RD PM

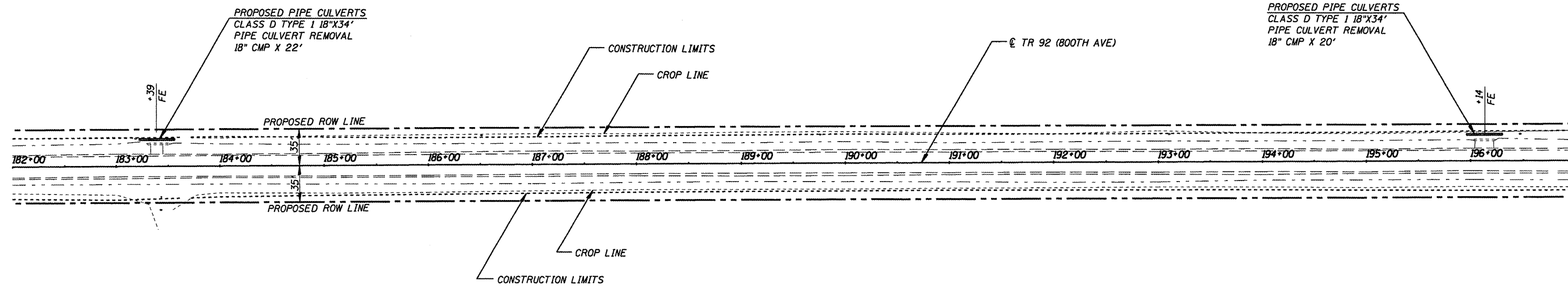
COUNTRY VIEW, INC
C/O DUANE STEINER

PROPOSED PIPE CULVERTS
CLASS D TYPE 1 18"X34"
PIPE CULVERT REMOVAL
18" CMP X 22'

TR 92 (800TH AVE)

PROPOSED PIPE CULVERTS
CLASS D TYPE 1 18"X34"
PIPE CULVERT REMOVAL
18" CMP X 20'

DATE	
BY	
PLAN	
NO.	
NOTE BOOK	
CHECKED	
ALIGNED	
PLOTTED	
SURVEYED	
FILE NAME	
FILE NO.	

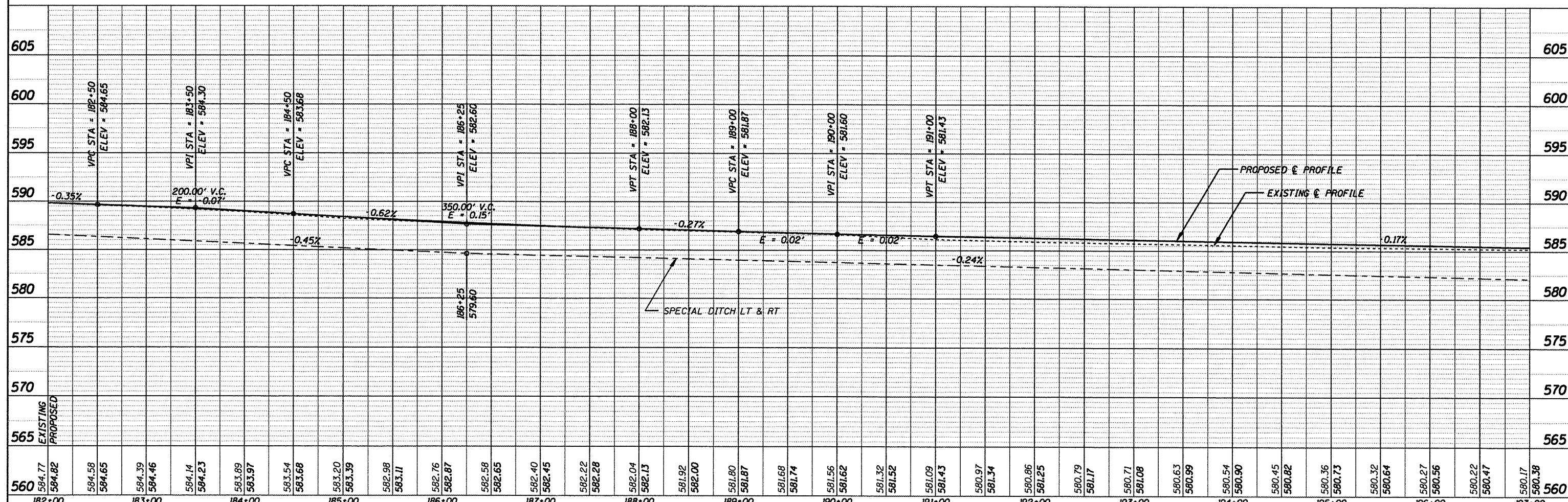


WILLIAM B. BATES

SALLY VAUGHN

W 1/2, SEC 16, T18N, R3W, 3RD PM

DATE	
BY	
PROFILE	
NO.	
NOTE BOOK	
CHECKED	
GRADES	
PLOTTED	
STRUCTURE	
NOTATIONS	



560	584.77	584.82	584.58	584.65	584.39	584.46	584.14	584.23	583.89	583.97	583.54	583.68	583.20	583.39	582.98	583.11	582.76	582.87	582.58	582.65	582.40	582.45	582.22	582.28	582.04	582.13	581.92	582.00	581.80	581.87	581.68	581.74	581.56	581.62	581.32	581.32	581.09	581.43	580.97	581.34	580.86	581.25	580.79	581.17	580.71	581.08	580.63	580.99	580.54	580.90	580.45	580.82	580.36	580.73	580.32	580.64	580.27	580.56	580.22	580.47	580.17	580.38	560
	182+00	183+00			184+00				185+00				186+00				187+00				188+00				189+00				190+00				191+00				192+00				193+00				194+00				195+00				196+00				197+00						

CUMMINS ENGINEERING CORPORATION

JOB = 2217
FILE NAME = 800ave_pp3.dgn
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 1/28/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/03/2008

REVISED -
REVISED -
REVISED -
REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

PLAN & PROFILE - 800TH AVE

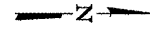
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	22
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

93482

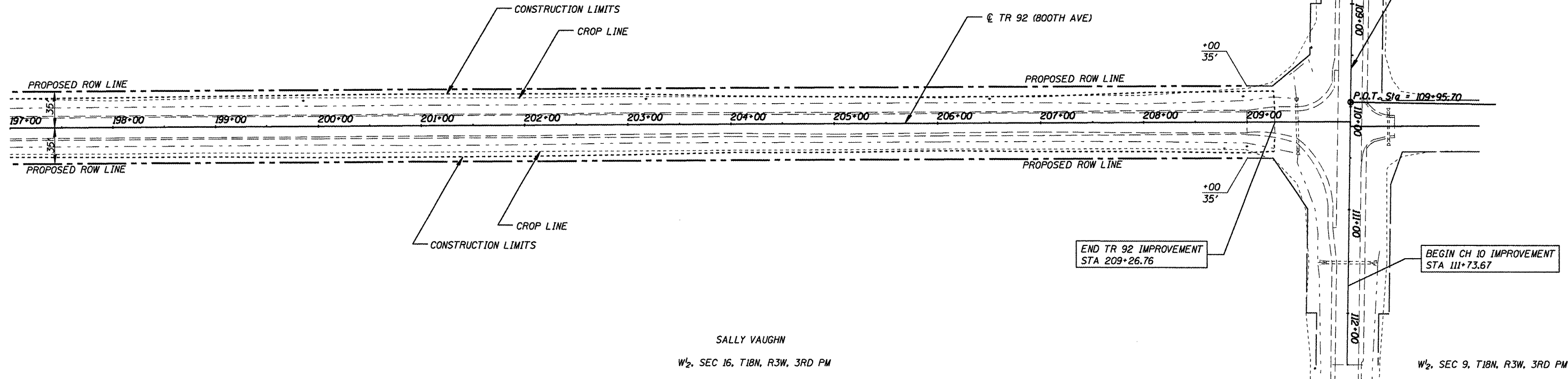
E 1/2, SEC 17, T18N, R3W, 3RD PM

COUNTRY VIEW, INC
C/O DUANE STEINER

E 1/2, SEC 8, T18N, R3W, 3RD PM



DATE	
BY	
REVIEWED	
ALIGNED	
CHECKED	
PLANNED	
NO.	

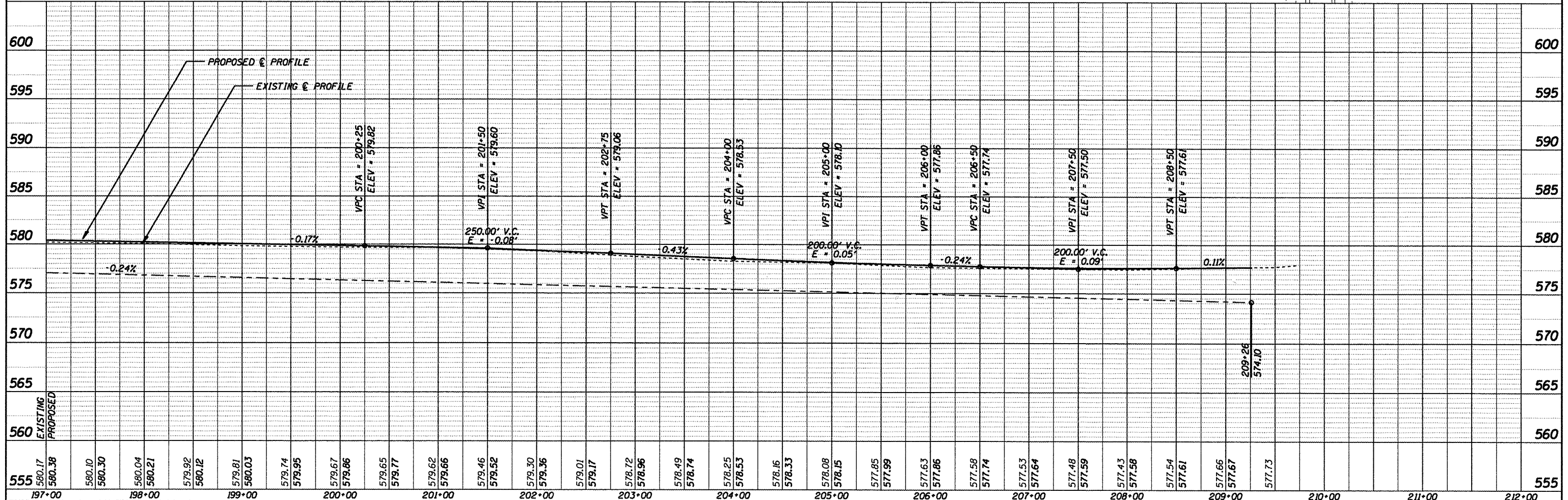


SALLY VAUGHN

W 1/2, SEC 16, T18N, R3W, 3RD PM

W 1/2, SEC 9, T18N, R3W, 3RD PM

DATE	
BY	
REVIEWED	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	



197+00	198+00	199+00	200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	212+00																																					
555	580.17	580.38	580.10	580.30	580.04	580.21	579.92	580.12	579.81	580.03	579.74	579.95	579.67	579.86	579.65	579.77	579.62	579.66	579.46	579.52	579.30	579.36	579.01	579.17	578.72	578.96	578.49	578.74	578.25	578.53	578.16	578.33	578.08	578.15	577.85	577.99	577.63	577.86	577.58	577.74	577.53	577.64	577.48	577.59	577.43	577.58	577.54	577.61	577.66	577.67	577.73	555

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 800ave_pp4.dgn
PLOT SCALE = 1/8" = 100'-0"
PLOT DATE = 1/28/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 11/03/2008

REVISED -
REVISED -
REVISED -
REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

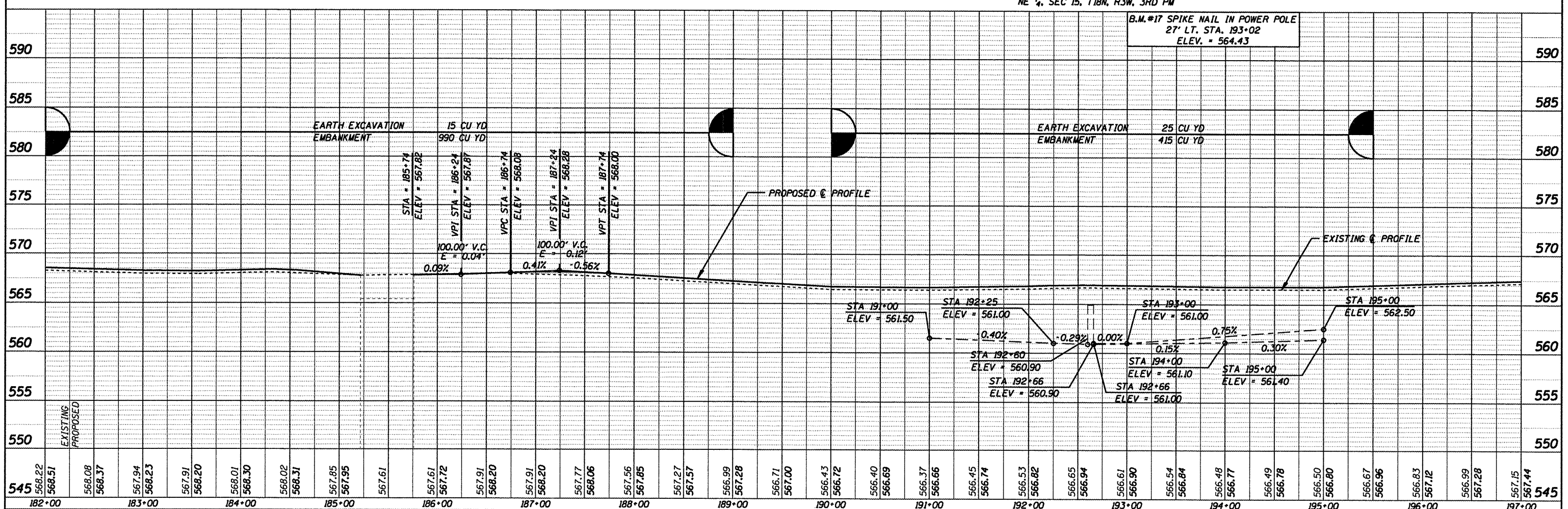
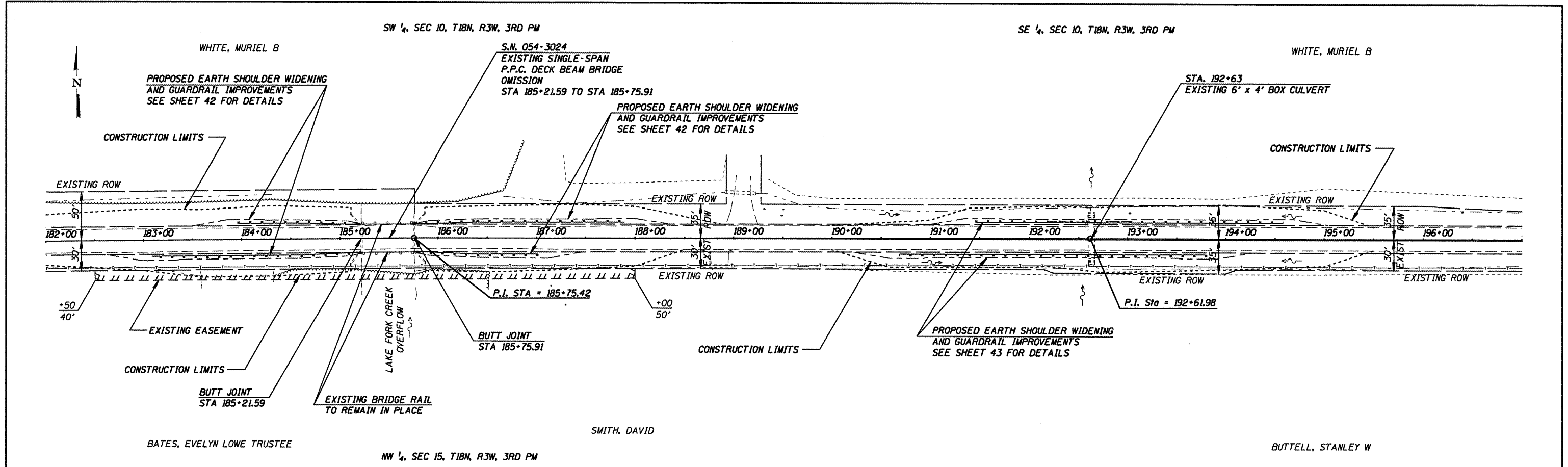
PLAN & PROFILE - 800TH AVE
STA. 197+00 TO STA. 209+26.76

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	23
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482

PLAN	DESIGNED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	FILE NAME	

PROFILE	GRADES	DATE
NOTE BOOK	CHECKED	
NO.	STRUCTURE	
	NOTATIONS	



CUMMINS ENGINEERING CORPORATION JOB = 2217 FILE NAME = 2221 Loc3 P&P.dgn PLDT SCALE = 1/8" = 100.0000' / IN. PLOT DATE = 1/22/2009	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	PLAN & PROFILE - CH 10 STA 182+00 TO STA 197+00	F.A.S. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - AJH	REVISED -			566	05-00113-00-WR	LOGAN	63	25
	CHECKED - NAK	REVISED -			CH 10, TR 199A, TR 92				
	DATE - 11/03/2008	REVISED -			CONTRACT NO.				

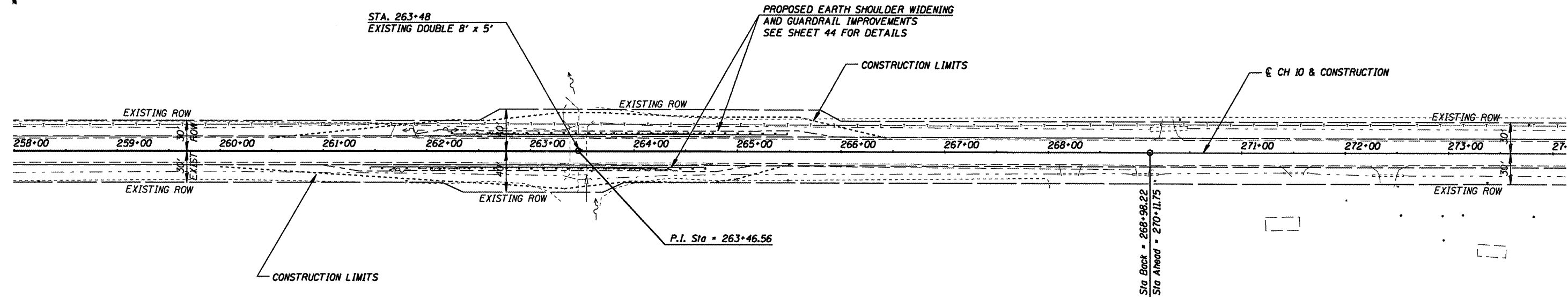
93482

SE 1/4, SEC 11, T18N, R3W, 3RD PM

SW 1/4, SEC 12, T18N, R3W, 3RD PM

KLOCKENG A FAMILY LTD PTRNSP

HASSEBROCK FARMS INC

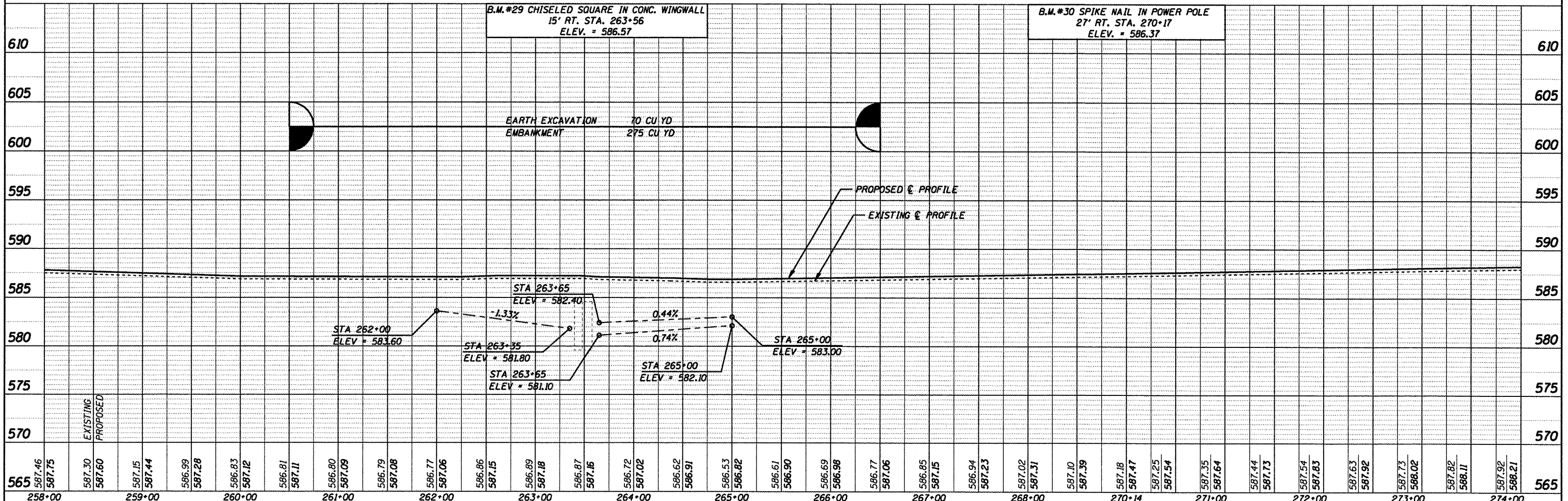


LA FARGE, STEPHANIE

LA FARGE, STEPHANIE

NE 1/4, SEC 14, T18N, R3W, 3RD PM

NW 1/4, SEC 13, T18N, R3W, 3RD PM



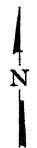
DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

CUMMINS ENGINEERING CORPORATION	JOB 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	PLAN & PROFILE - CH 10 STA 258+00 TO STA 274+00	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 26	
	FILE NAME = 2221 Loc5 P&P.dgn	DRAWN - AJH	REVISED -				CH 10, TR 199A, TR 92	CONTRACT NO.			
	PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED - NAK	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/28/2009	DATE - 11/03/2008	REVISED -								

93482

SW 1/4, SEC 8, T18N, R2W, 3RD PM
BROOKER, LOUIS KENT



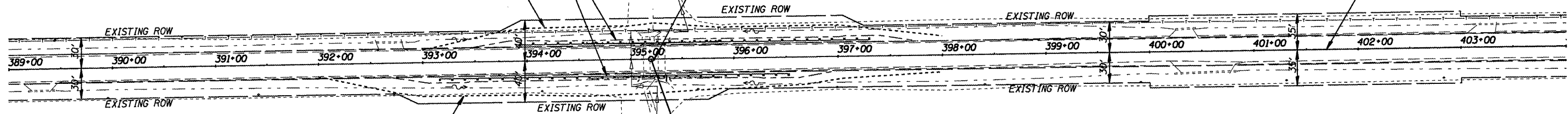
PROPOSED EARTH SHOULDER WIDENING
AND GUARDRAIL IMPROVEMENTS
SEE SHEET 45 FOR DETAILS

STA. 395+23
EXISTING TRIPLE 7' x 6'
BOX CULVERT

CH 10 & CONSTRUCTION

CONSTRUCTION LIMITS

P.I. Sta = 395+19.94

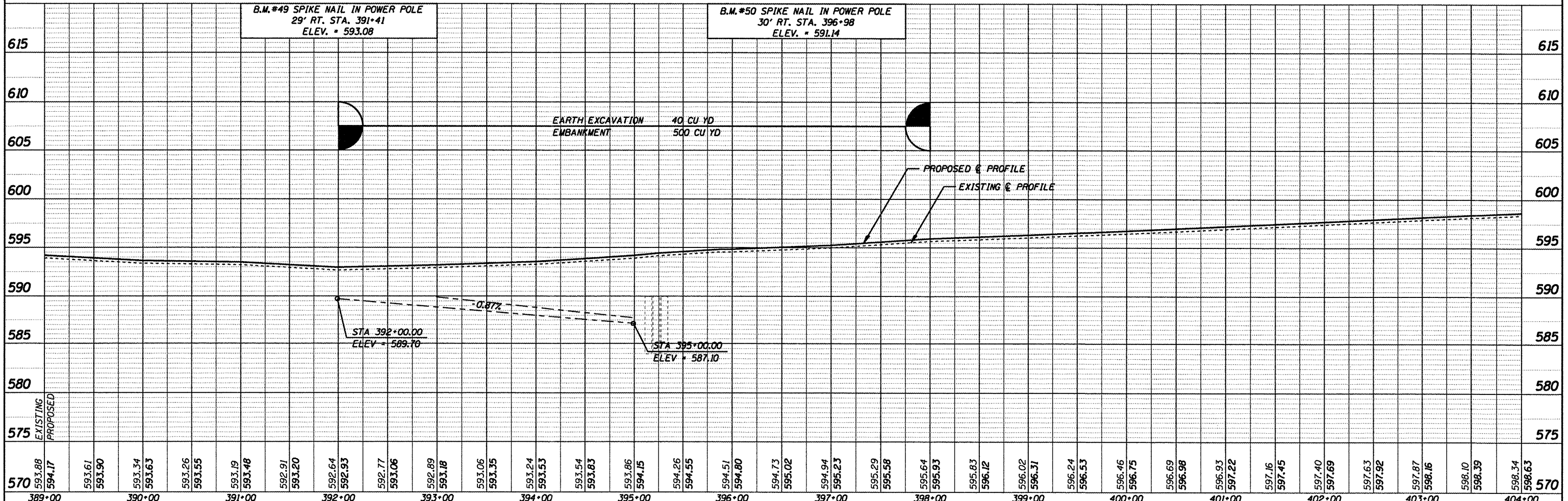


EDWARDS, RACHAEL E TRUST

NW 1/4, SEC 17, T18N, R2W, 3RD PM

B.M. #49 SPIKE NAIL IN POWER POLE
29' RT. STA. 391+41
ELEV. = 593.08

B.M. #50 SPIKE NAIL IN POWER POLE
30' RT. STA. 396+98
ELEV. = 591.14



DATE	
BY	
DESIGNED	
ALIGNED	
CHECKED	
PLOTTED	
NOTE BOOK	
NO.	

DATE	
BY	
DESIGNED	
GRADES	
CHECKED	
PLOTTED	
NOTE BOOK	
NO.	
STRUCTURE	
NOTATIONS	
CH 10	

389+00	390+00	391+00	392+00	393+00	394+00	395+00	396+00	397+00	398+00	399+00	400+00	401+00	402+00	403+00	404+00
593.88	593.61	593.34	592.64	592.89	593.06	593.86	594.51	594.73	595.02	595.83	596.02	596.46	596.69	597.16	597.45
594.17	593.90	593.63	592.93	592.89	593.35	594.15	594.80	594.94	595.23	595.29	596.31	596.53	596.98	597.45	597.69
593.26	593.55	593.19	592.91	592.89	593.35	593.83	594.51	594.73	595.02	595.83	596.02	596.46	596.69	597.16	597.45
593.48	593.55	593.19	592.91	592.89	593.35	593.83	594.51	594.73	595.02	595.83	596.02	596.46	596.69	597.16	597.45
592.91	593.20	592.64	592.93	592.77	593.06	592.89	593.18	593.06	593.35	593.24	593.53	593.54	593.83	593.86	594.15
594.26	594.55	594.51	594.80	594.73	595.02	594.94	595.23	595.29	595.58	595.64	595.93	595.83	596.12	596.02	596.31
596.24	596.53	596.46	596.75	596.69	596.98	596.93	597.22	597.16	597.45	597.40	597.69	597.63	597.92	597.87	598.16
598.10	598.39	598.34	598.63	598.10	598.39	598.10	598.39	598.10	598.39	598.10	598.39	598.10	598.39	598.10	598.39

CUMMINS
ENGINEERING
CORPORATION

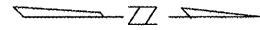
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PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/28/2009	DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

PLAN & PROFILE - CH 10
STA 389+00 TO STA 404+00

F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 27
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

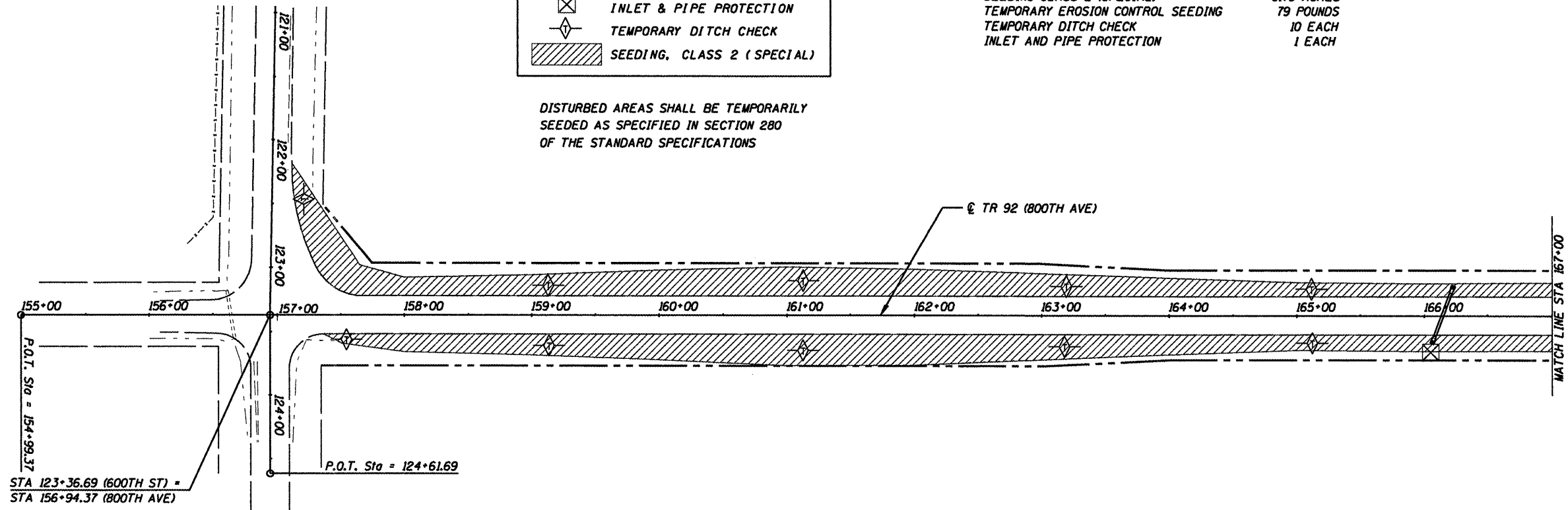
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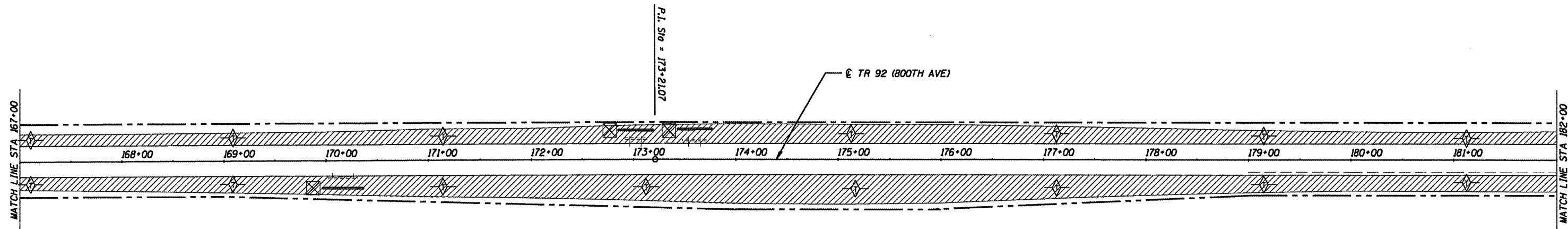
LEGEND	
	INLET & PIPE PROTECTION
	TEMPORARY DITCH CHECK
	SEEDING, CLASS 2 (SPECIAL)

DISTURBED AREAS SHALL BE TEMPORARILY SEEDED AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS

STA 157+00 TO STA 167+00	
SEEDING CLASS 2 (SPECIAL)	0.79 ACRES
TEMPORARY EROSION CONTROL SEEDING	79 POUNDS
TEMPORARY DITCH CHECK	10 EACH
INLET AND PIPE PROTECTION	1 EACH



STA 167+00 TO STA 182+00	
SEEDING CLASS 2 (SPECIAL)	1.2 ACRES
TEMPORARY EROSION CONTROL SEEDING	120 POUNDS
TEMPORARY DITCH CHECK	15 EACH
INLET AND PIPE PROTECTION	3 EACH



CUMMINS
ENGINEERING
CORPORATION

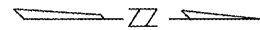
JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217erosion.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 100.0003' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

EROSION CONTROL PLAN - TR 92

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	29
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482



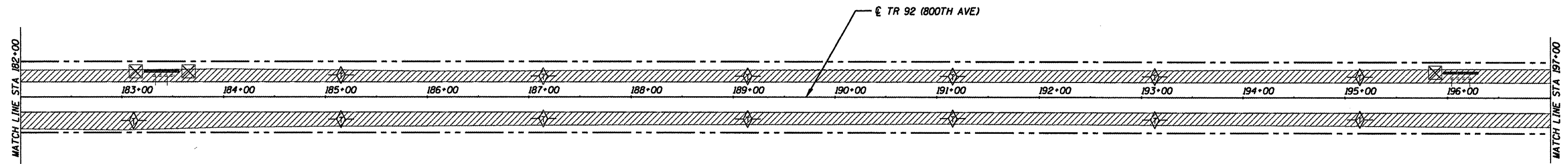
LEGEND

	INLET & PIPE PROTECTION
	TEMPORARY DITCH CHECK
	SEEDING, CLASS 2 (SPECIAL)

DISTURBED AREAS SHALL BE TEMPORARILY SEEDED AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS

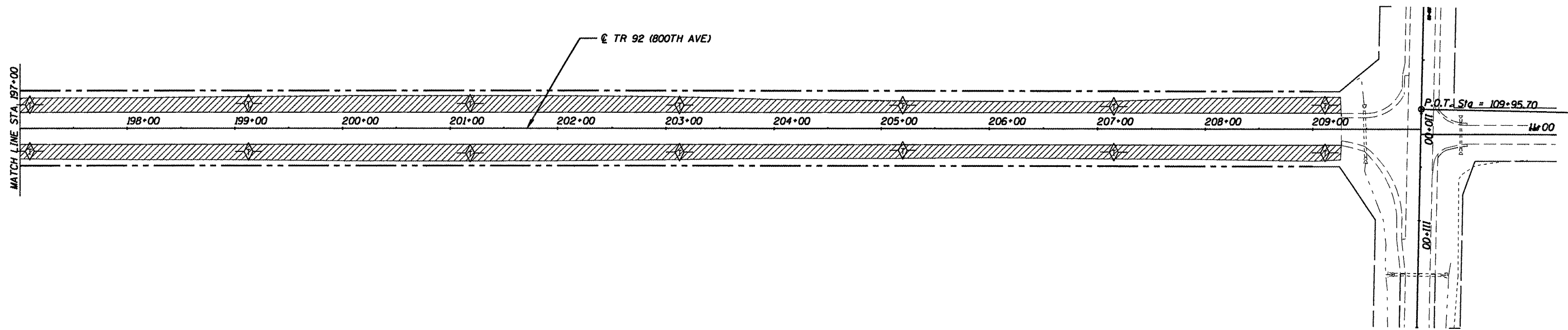
STA 182+00 TO STA 197+00

SEEDING CLASS 2 (SPECIAL)	0.86 ACRES
TEMPORARY EROSION CONTROL SEEDING	86 POUNDS
TEMPORARY DITCH CHECK	13 EACH
INLET AND PIPE PROTECTION	2 EACH



STA 197+00 TO STA 209+26

SEEDING CLASS 2 (SPECIAL)	0.77 ACRES
TEMPORARY EROSION CONTROL SEEDING	77 POUNDS
TEMPORARY DITCH CHECK	14 EACH



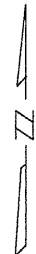
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	PLOT SCALE = 1/2000' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

EROSION CONTROL PLAN - TR 92

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	30
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482



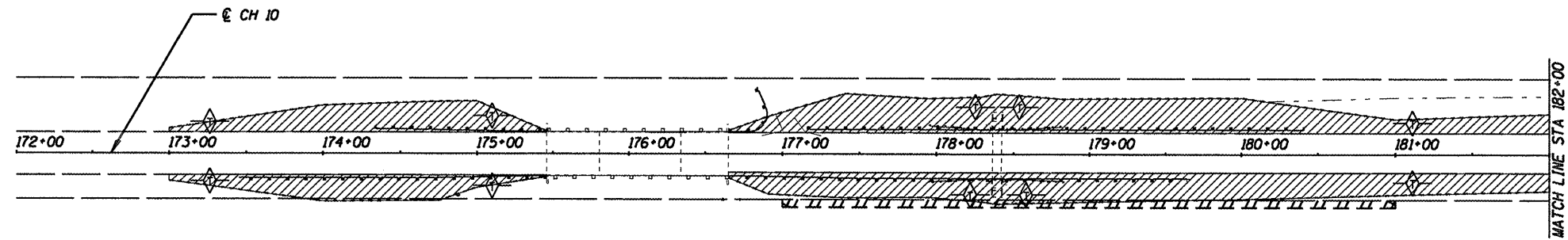
LEGEND	
	INLET & PIPE PROTECTION
	TEMPORARY DITCH CHECK
	SEEDING, CLASS 2 (SPECIAL)

DISTURBED AREAS SHALL BE TEMPORARILY SEEDED AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS

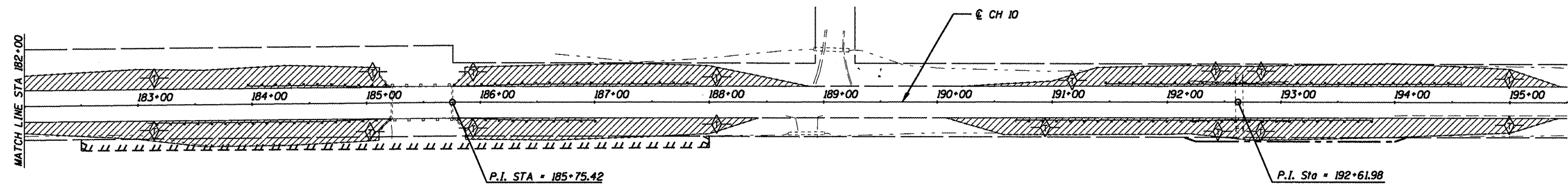
STA 173+00 TO STA 182+00
 SEEDING CLASS 2 (SPECIAL) 0.56 ACRES
 TEMPORARY EROSION CONTROL SEEDING 56 POUNDS
 TEMPORARY DITCH CHECK 10 EACH

DISTURBED AREAS RESULTING FROM EXCAVATION AND GRADING EXISTING SHOULDERS SHALL BE TEMPORARILY SEEDED AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS. PERMANENT SEEDING WILL BE DONE BY OTHERS.

ESTIMATED QUANTITY
 TEMPORARY EROSION CONTROL SEEDING 2,000 POUNDS



STA 182+00 TO STA 195+00
 SEEDING CLASS 2 (SPECIAL) 0.82 ACRES
 TEMPORARY EROSION CONTROL SEEDING 82 POUNDS
 TEMPORARY DITCH CHECK 16 EACH



CUMMINS
 ENGINEERING
 CORPORATION

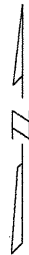
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PLOT SCALE = 100.000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/29/2009	DATE - 11/03/2008	REVISED -

LOGAN COUNTY
 CH 10, TR 199A, TR 92 IMPROVEMENTS

EROSION CONTROL PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	31
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

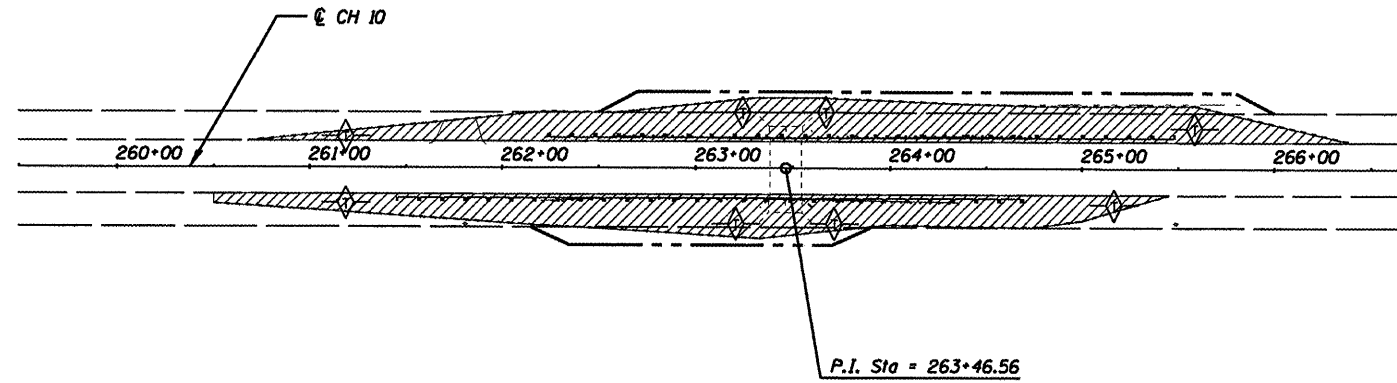
93482



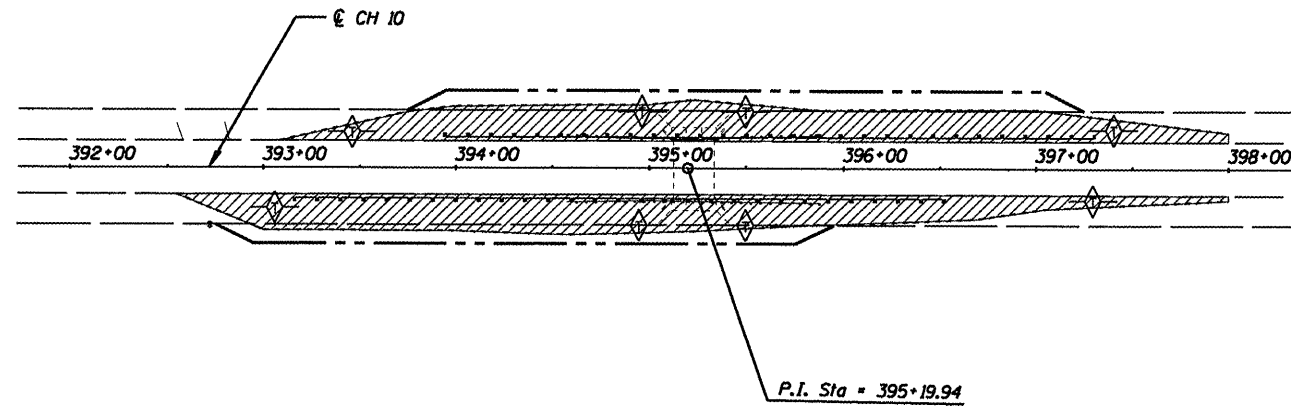
LEGEND	
	INLET & PIPE PROTECTION
	TEMPORARY DITCH CHECK
	SEEDING, CLASS 2 (SPECIAL)

DISTURBED AREAS SHALL BE TEMPORARILY SEEDED AS SPECIFIED IN SECTION 280 OF THE STANDARD SPECIFICATIONS

STA 260+00 TO STA 266+50
 SEEDING CLASS 2 (SPECIAL) 0.37 ACRES
 TEMPORARY EROSION CONTROL SEEDING 37 POUNDS
 TEMPORARY DITCH CHECK 8 EACH



STA 392+00 TO STA 398+00
 SEEDING CLASS 2 (SPECIAL) 0.38 ACRES
 TEMPORARY EROSION CONTROL SEEDING 38 POUNDS
 TEMPORARY DITCH CHECK 8 EACH



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 ENGINEERING
 CORPORATION

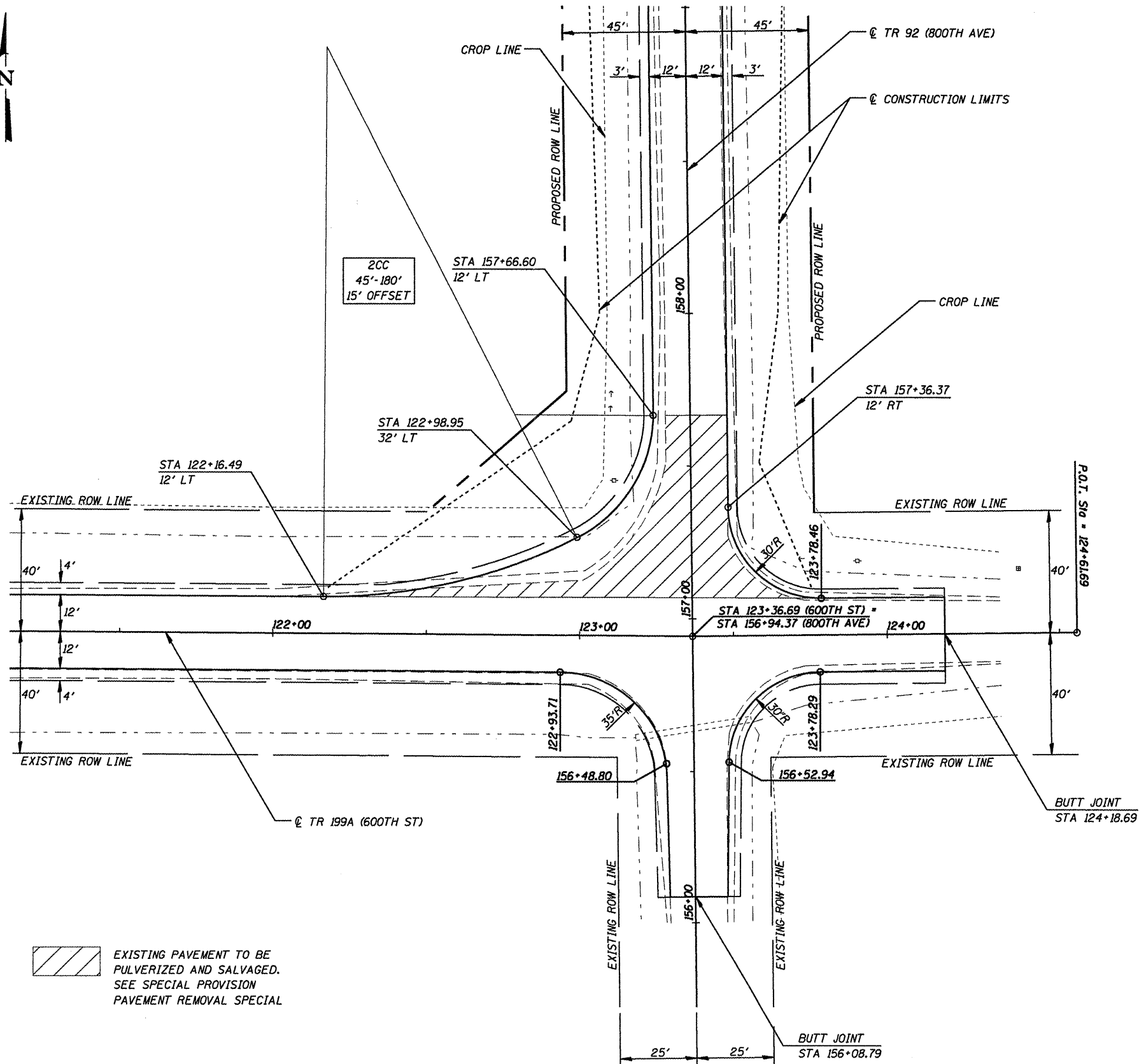
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PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -

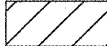
LOGAN COUNTY
 CH 10, TR 199A, TR 92 IMPROVEMENTS

EROSION CONTROL PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	32
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			[ILLINOIS] FED. AID PROJECT	

93482




 EXISTING PAVEMENT TO BE
 PULVERIZED AND SALVAGED.
 SEE SPECIAL PROVISION
 PAVEMENT REMOVAL SPECIAL

SEE SHEET 7 FOR
BUTT JOINT DETAILS

**CUMMINS
ENGINEERING
CORPORATION**

JOB = 2217	DESIGNED - NAK
FILE NAME = 2217int.dgn	DRAWN - AJH
PLOT SCALE = 40.0000' / IN.	CHECKED - NAK
PLOT DATE = 1/28/2009	DATE - 10/22/2008

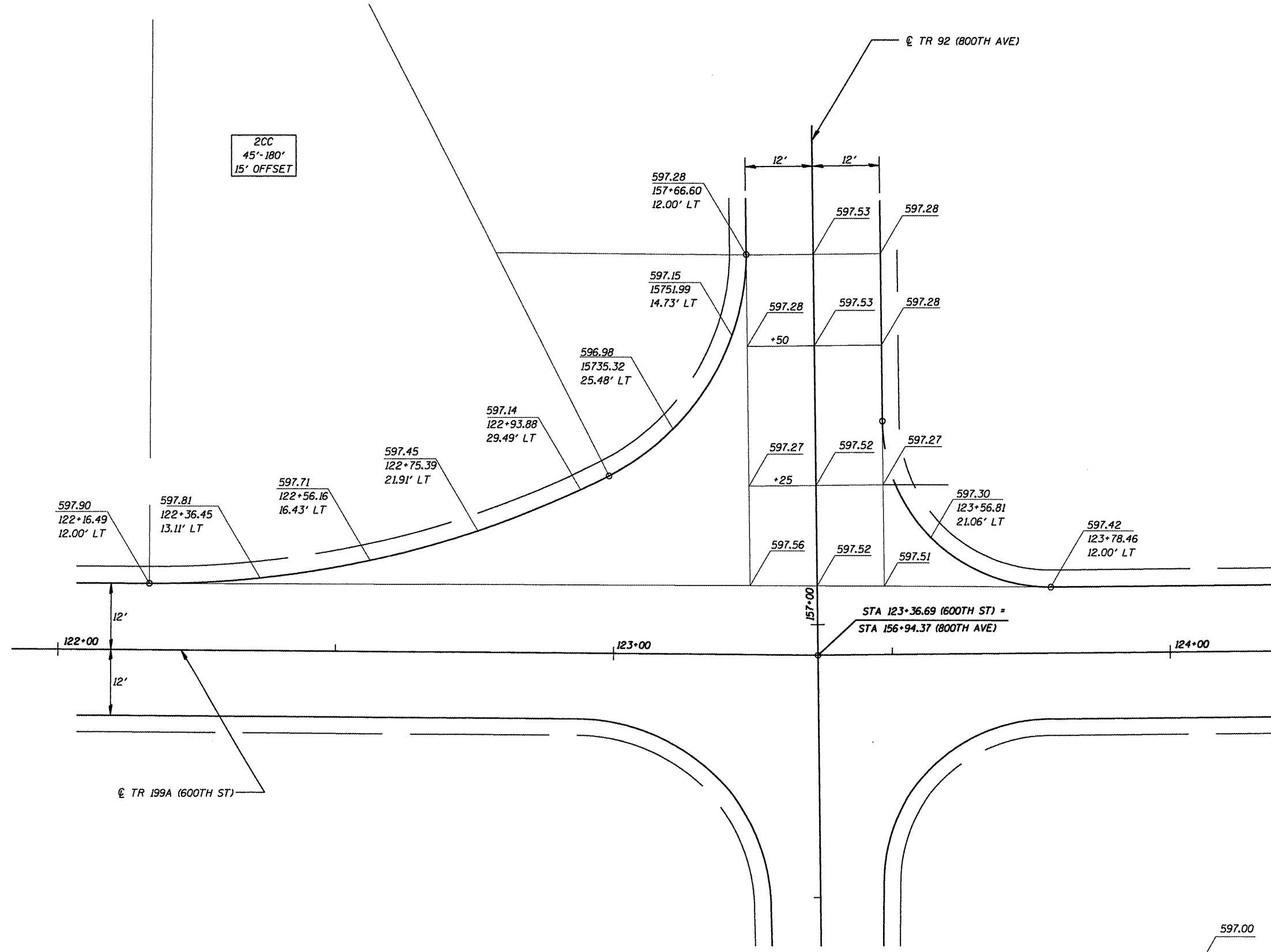
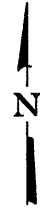
REVISED -
REVISED -
REVISED -
REVISED -

**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

**INTERSECTION DETAILS
TR 199A (600TH ST) & TR 92 (800TH AVE)**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	33
CH 10, TR199A, TR92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482



597.00 PROPOSED TOP OF SURFACE COURSE ELEVATION

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JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217int.dgn	DRAWN - AJH	REVISED -
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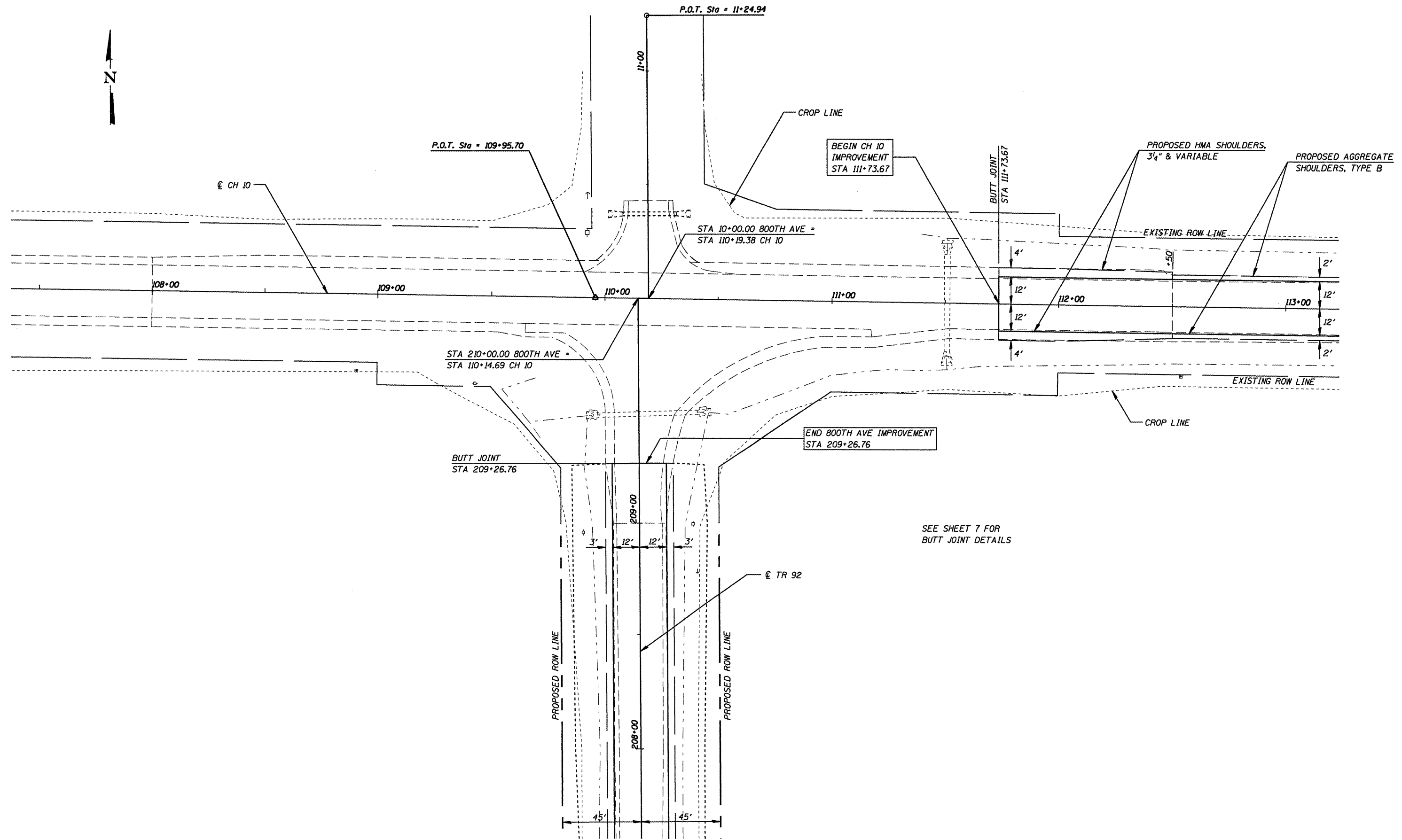
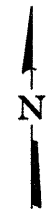
DESIGNED - NAK	REVISED -
DRAWN - AJH	REVISED -
CHECKED - NAK	REVISED -
DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

INTERSECTION DETAILS - ELEVATIONS
TR 199A (600TH ST) & TR 92 (800TH AVE)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	34
CH 10, TR199A, TR92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

03482



SEE SHEET 7 FOR BUTT JOINT DETAILS

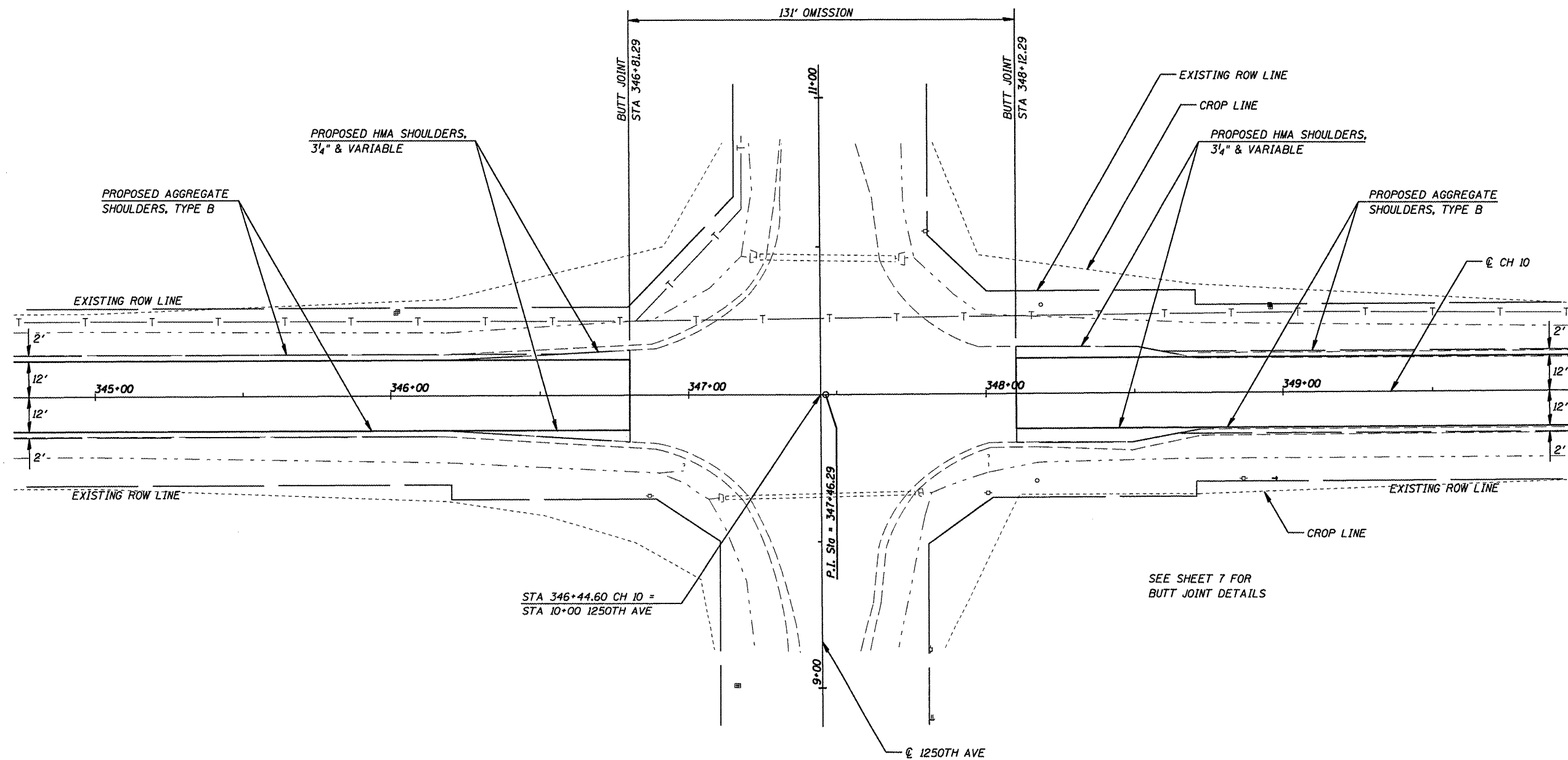
CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -
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	PLOT DATE = 1/28/2009	DATE - 10/16/2008	REVISED -

**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

**INTERSECTION DETAIL
800TH AVE & CH 10**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	35
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482



CUMMINS
ENGINEERING
CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217int.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 40,0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -

DESIGNED - NAK	REVISED -
DRAWN - AJH	REVISED -
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DATE - 10/16/2008	REVISED -

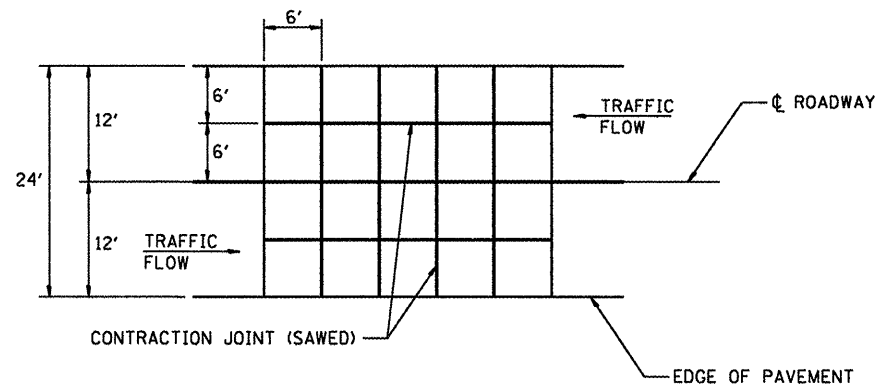
LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

INTERSECTION DETAIL
1250TH AVE & CH 10

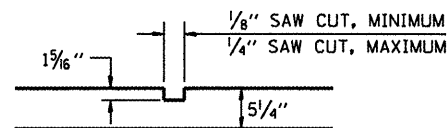
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	36
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482

DETAIL OF SAWED CONTRACTION JOINT 6' SPACING 5 1/4" PCC OVERLAY



PLAN



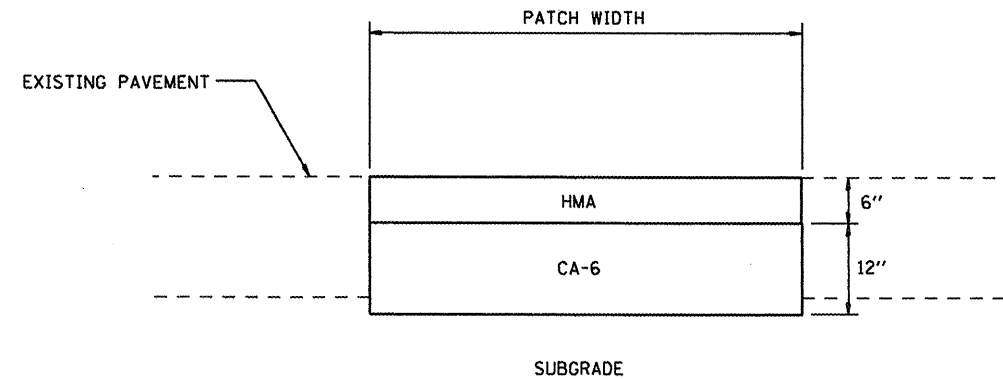
SAW CUT DETAIL

LOCATIONS:

CH 10
 STA 111+50.00 TO STA 175+46.25
 STA 176+65.17 TO STA 185+21.59
 STA 185+75.91 TO STA 268+99.15
 STA 270+11.75 TO STA 346+80.00
 STA 348+10.00 TO STA 552+17.37
 STA 552+26.45 TO STA 558+48.00

NOTE: THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PORTLAND CEMENT CONCRETE OVERLAY 5 1/4" WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL AS SPECIFIED.

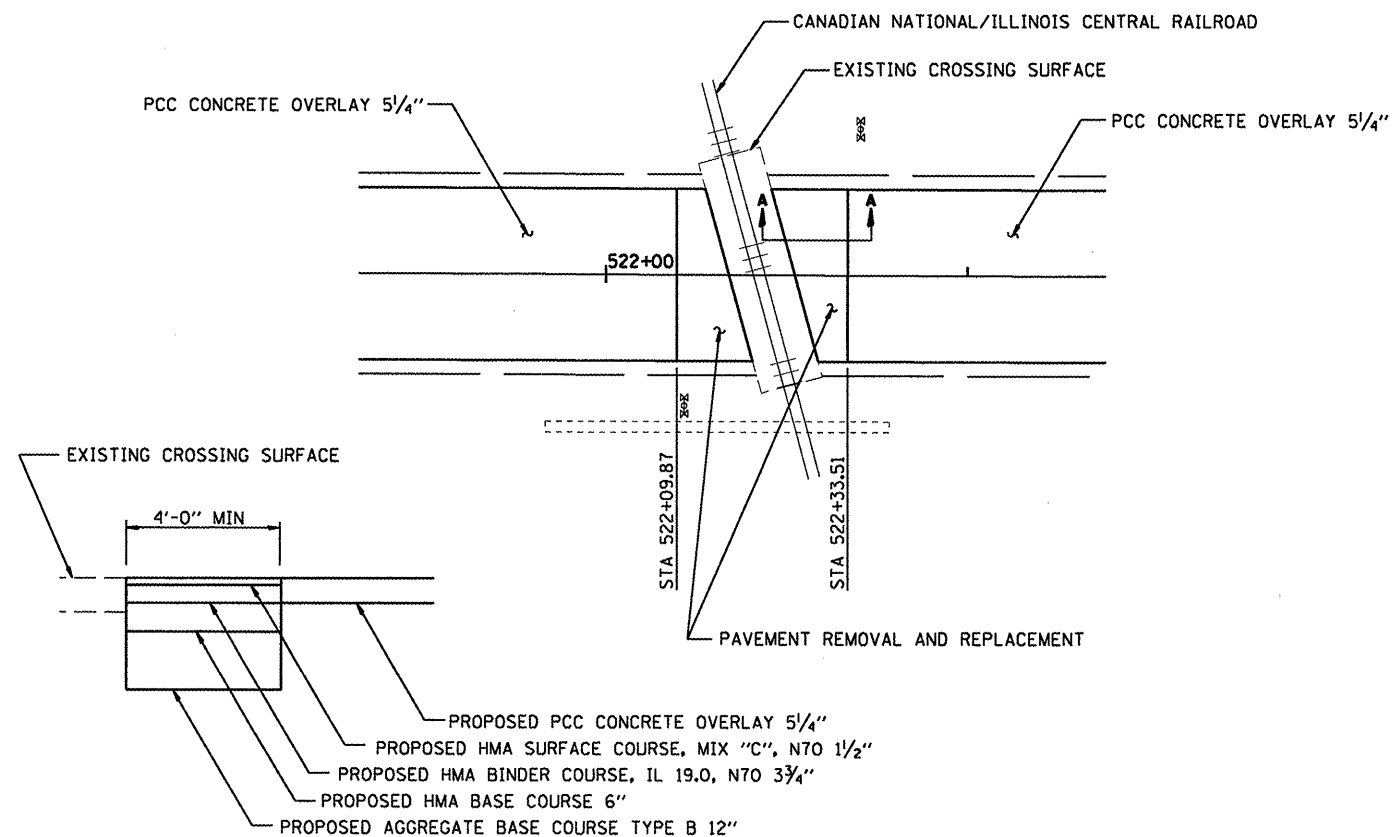
DETAIL OF PAVEMENT PATCHING



PATCHING DETAIL

NOTES: HOT-MIX ASPHALT (HMA) SHALL BE PAID FOR AS CLASS D PATCHES 6" OF THE TYPE SPECIFIED.
 CA-6 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE BASE COURSE TYPE B.
 SEE STD. 442201 FOR DETAILS OF CLASS D PATCHES NOT SHOWN

DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT



SECTION A-A

**CUMMINS
 ENGINEERING
 CORPORATION**

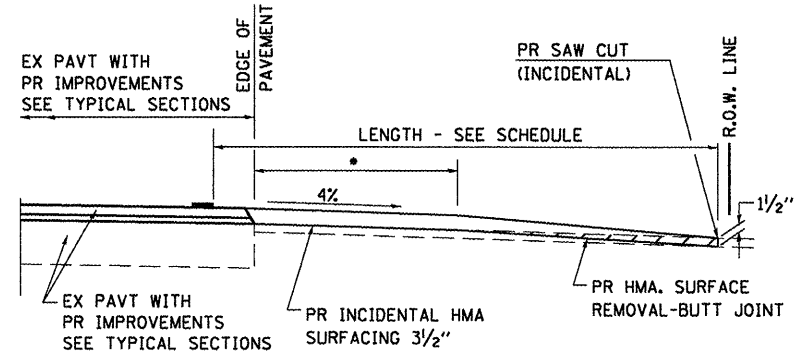
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PLOT SCALE = 40.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 2/5/2009	DATE - 10/30/2008	REVISED -

**LOGAN COUNTY
 CH 10, TR 199A, TR 92 IMPROVEMENTS**

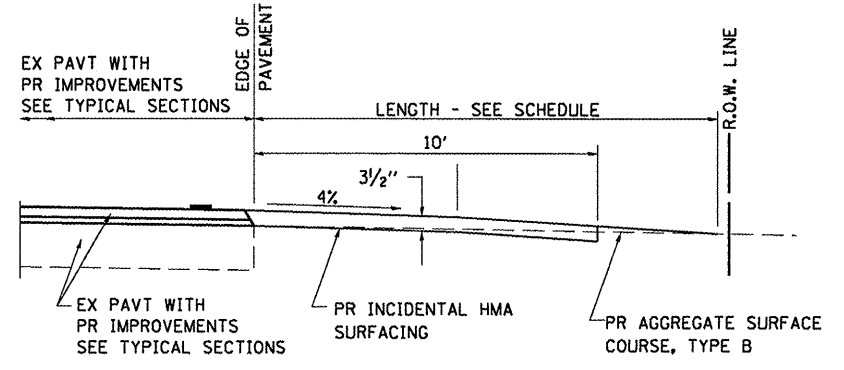
**PAVEMENT PATCHING DETAILS
 CONTRACTION JOINT DETAILS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	37
CH 10, TR199A, TR92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

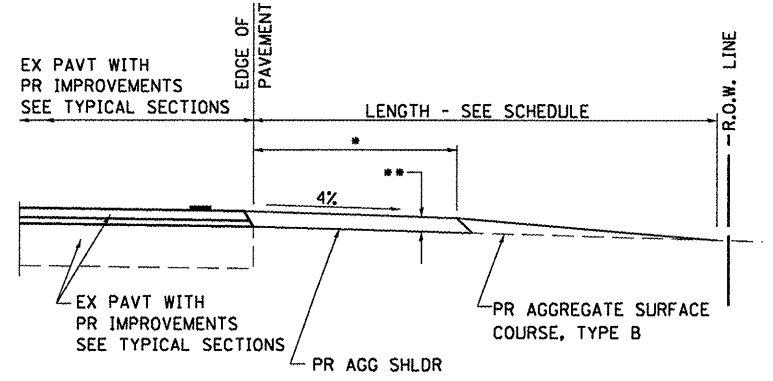
93482



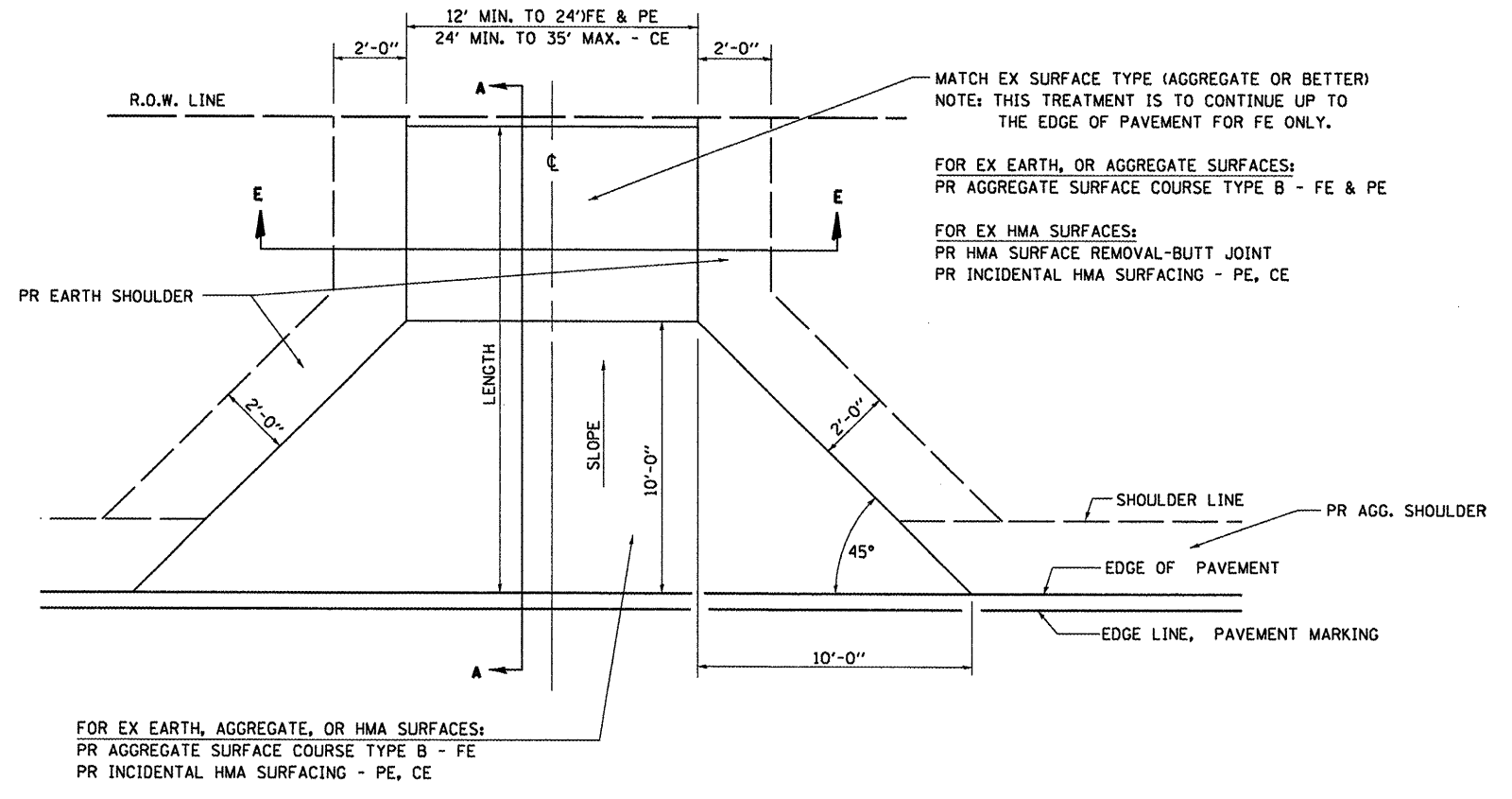
SECTION A-A FOR EX HMA PE & CE



SECTION A-A FOR EX AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE FE



FOR EX EARTH, AGGREGATE, OR HMA SURFACES:
 PR AGGREGATE SURFACE COURSE TYPE B - FE
 PR INCIDENTAL HMA SURFACING - PE, CE

MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)
 NOTE: THIS TREATMENT IS TO CONTINUE UP TO THE EDGE OF PAVEMENT FOR FE ONLY.
 FOR EX EARTH, OR AGGREGATE SURFACES:
 PR AGGREGATE SURFACE COURSE TYPE B - FE & PE
 FOR EX HMA SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT
 PR INCIDENTAL HMA SURFACING - PE, CE

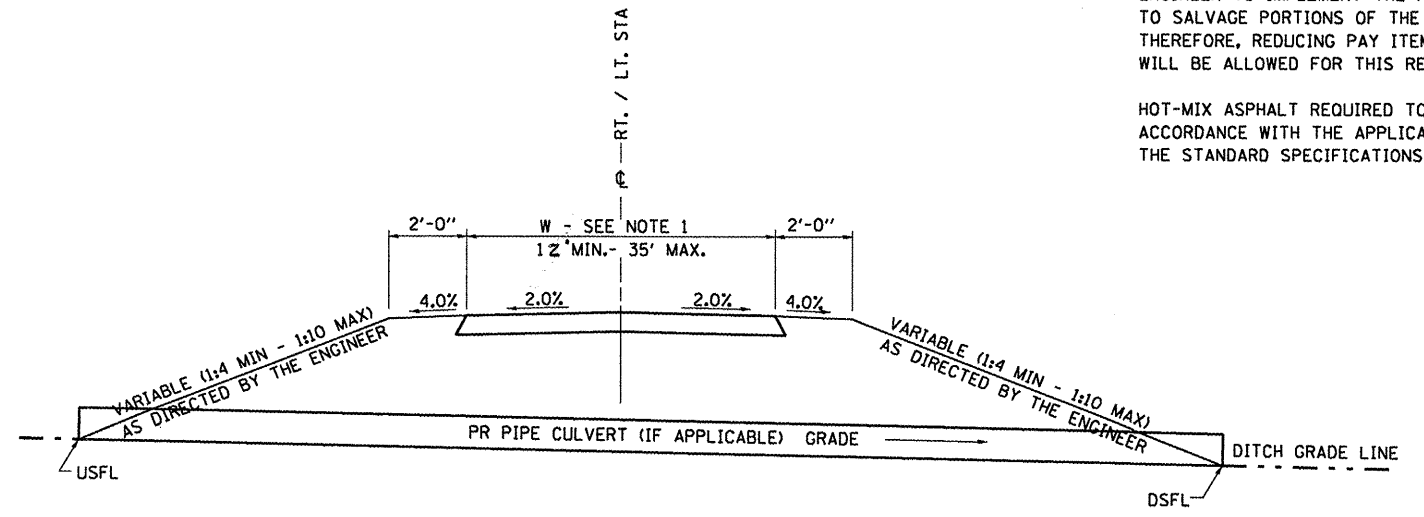
- SHOULDER WIDTH (SEE TYPICAL SECTIONS)
- SHOULDER THICKNESS (SEE TYPICAL SECTIONS)

GENERAL NOTES:

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

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

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



SECTION E-E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
 FILE NAME = 2117 ent.dgn
 PLOT SCALE = 40,000 sf / IN.
 PLOT DATE = 1/20/2009

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK

REVISED -
 REVISED -
 REVISED -

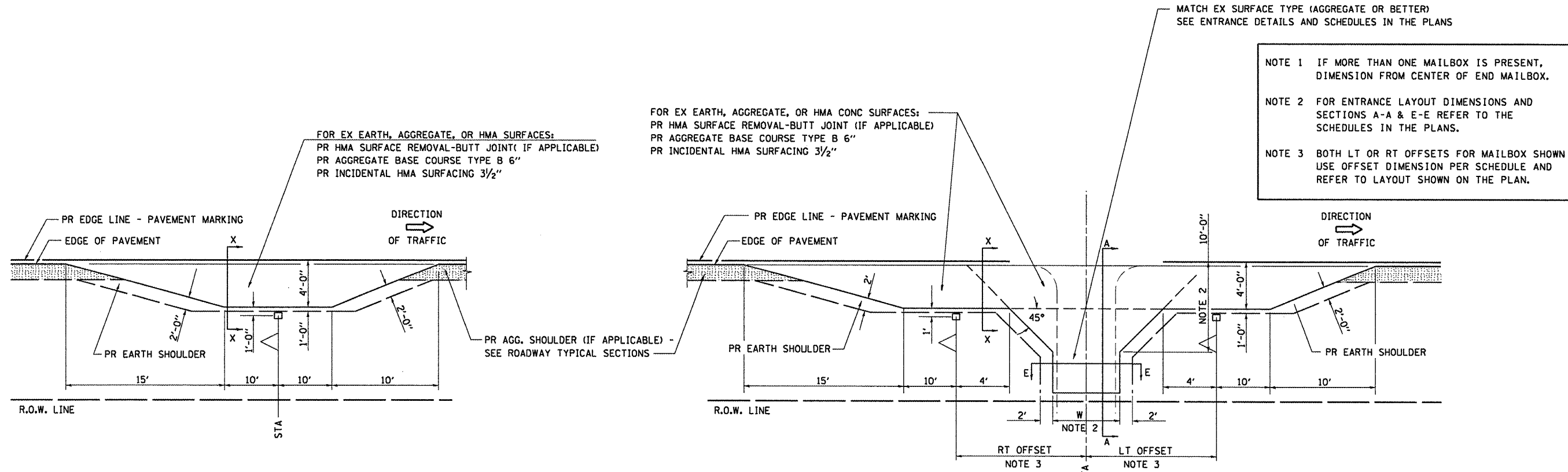
LOGAN COUNTY
 CH 10, 600TH ST, 800TH AVE IMPROVEMENTS

ENTRANCE DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	38
CH 10, TR 199A, TR 92		CONTRACT NO.		

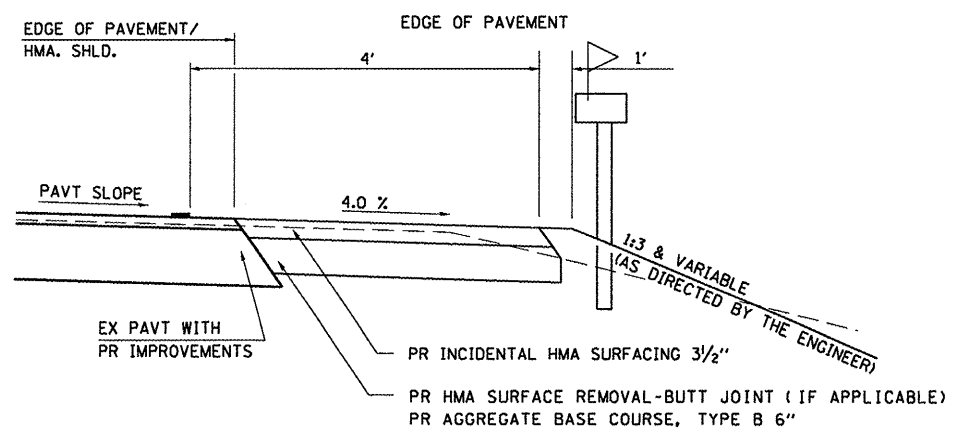
93482

DETAILS OF MAILBOX TURNOUTS



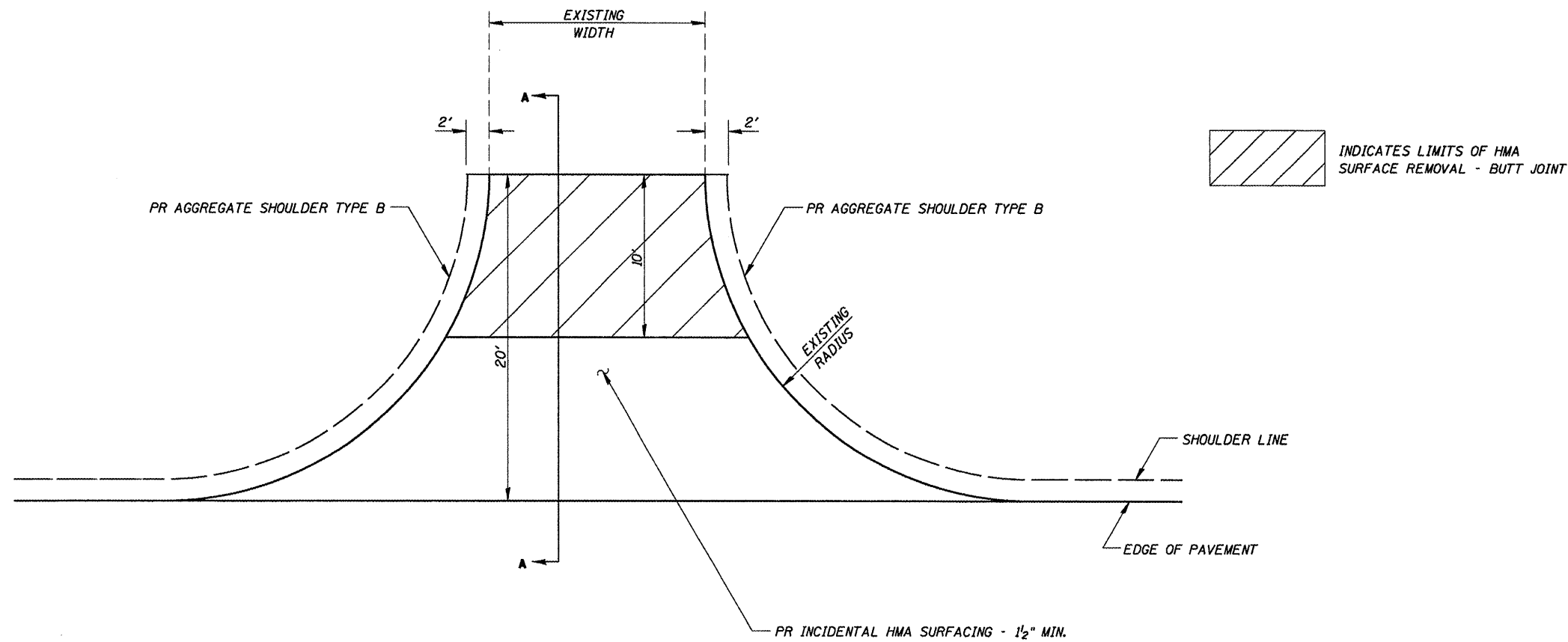
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
 EX EARTH, AGGREGATE, OR HMA PE & FE**

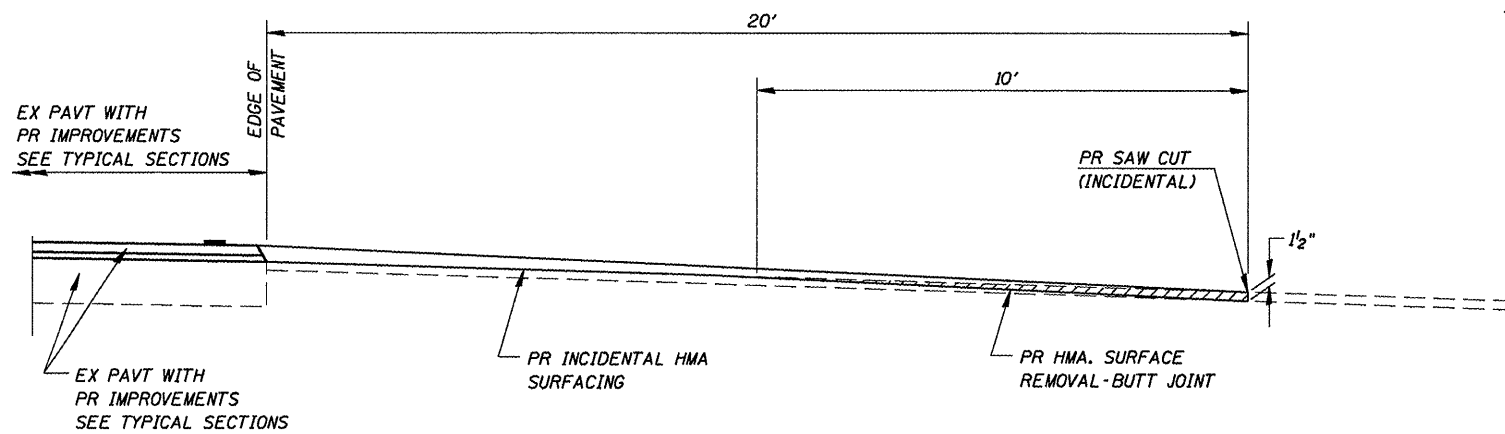
CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	MAILBOX TURNOUT	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 2117 ent.dgn	DRAWN - AJH	REVISED -			566	05-00113-00-WR	LOGAN	63	39
	PLOT SCALE = 40,000 s.f. / IN.	CHECKED - NAK	REVISED -			CH 10, TR 199A, TR 92		CONTRACT NO.		
	PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -							93482



INDICATES LIMITS OF HMA SURFACE REMOVAL - BUTT JOINT

GENERAL NOTES:
THE ENGINEER WILL DETERMINE THE EXACT LIMITS FOR HMA SURFACE REMOVAL - BUTT JOINT

HOT-MIX ASPHALT REQUIRED TO CONSTRUCT SIDE ROADS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER



SECTION A-A FOR EX SIDE ROAD

CUMMINS ENGINEERING CORPORATION

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2117 ent.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 48,000 sf / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 11/03/2008	REVISED -

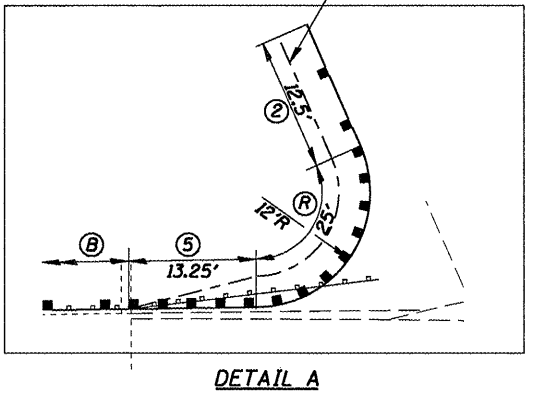
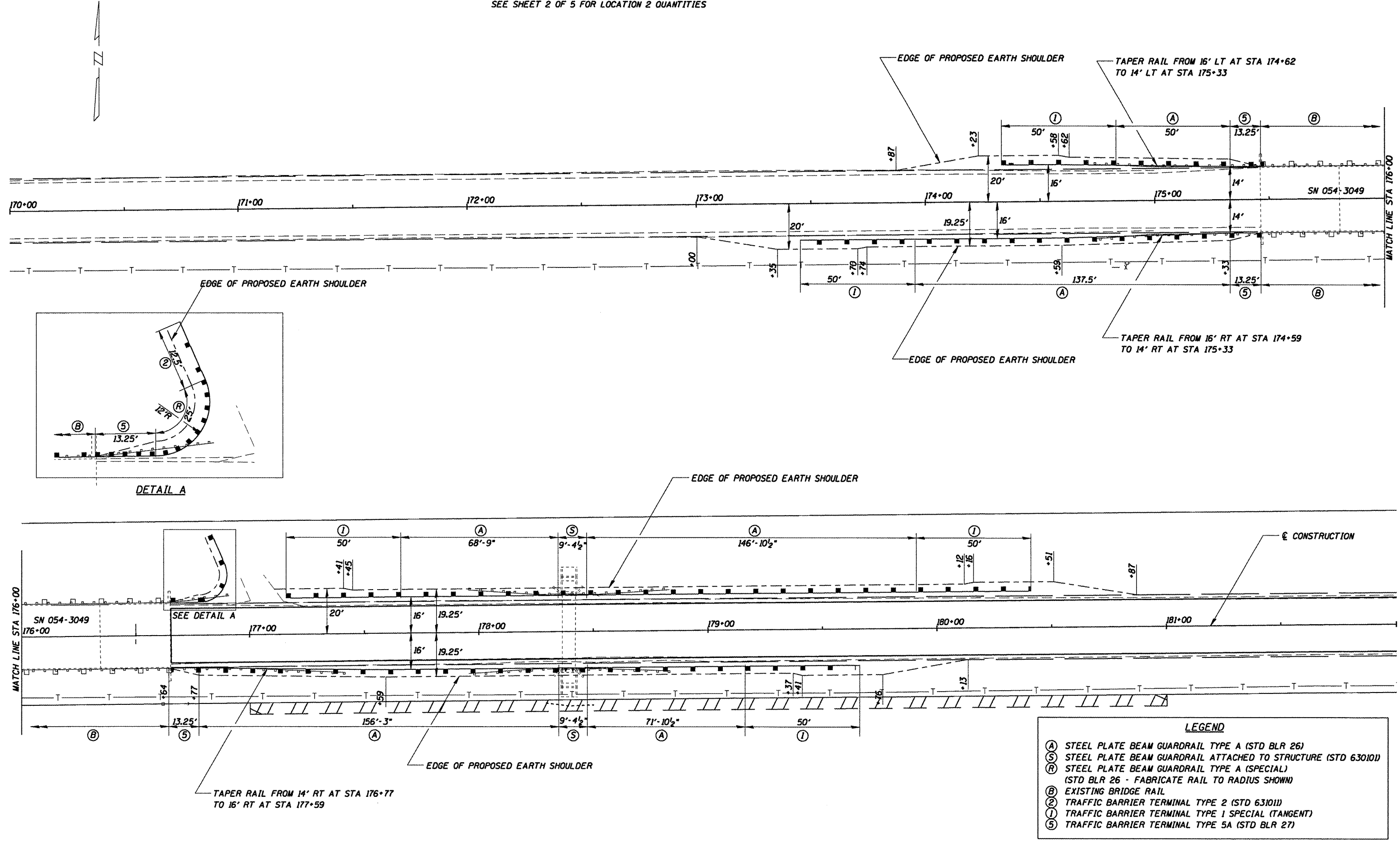
LOGAN COUNTY
CH 10, 600TH ST, 800TH AVE IMPROVEMENTS

SIDE ROAD DETAILS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	40
CH 10, TR 199A, TR 92			CONTRACT NO.	

93482

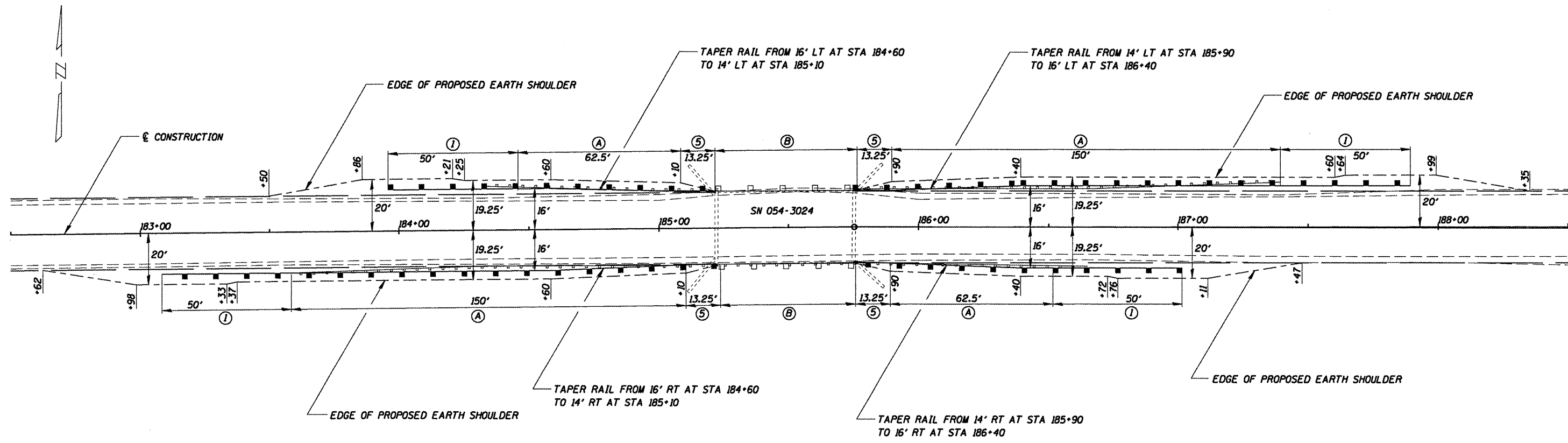
SEE SHEET 2 OF 5 FOR NOTES
SEE SHEET 2 OF 5 FOR LOCATION 2 QUANTITIES



LEGEND

- (A) STEEL PLATE BEAM GUARDRAIL TYPE A (STD BLR 26)
- (S) STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE (STD 63101)
- (R) STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL)
(STD BLR 26 - FABRICATE RAIL TO RADIUS SHOWN)
- (B) EXISTING BRIDGE RAIL
- (L) TRAFFIC BARRIER TERMINAL TYPE 2 (STD 63101)
- (I) TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
- (S) TRAFFIC BARRIER TERMINAL TYPE 5A (STD BLR 27)

CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	GUARDRAIL LAYOUT & SHOULDER WIDENING DETAILS	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 41
	FILE NAME = 2217R01.dgn	DRAWN - AJH	REVISED -			CH 10, TR 199A, TR 92	CONTRACT NO.			
	PLOT SCALE = 40,0000' / IN.	CHECKED - NAK	REVISED -			SHEET NO. 1 OF 5 SHEETS	STA. 170+00 TO STA. 182+00	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
	PLOT DATE = 1/28/2009	DATE - 10/16/2008	REVISED -			93482				



NOTES:

1. SHOULDERS SHALL BE WIDENED AS SPECIFIED ON STANDARD 630301 AND STANDARD BLR 26
2. ALL EXISTING GUARDRAIL SHALL BE REMOVED. THE QUANTITY FOR GUARDRAIL REMOVAL SHALL INCLUDE REMOVAL OF EXISTING GUARDRAIL AND BRIDGE RAIL ATTACHED TO REINFORCED CONCRETE BOX CULVERTS
3. EXISTING BRIDGE RAIL AT SN 054-3049 AND SN 054-3024 SHALL REMAIN IN PLACE. THE HEIGHT OF THE PROPOSED GUARD RAIL AND THE PROPOSED TRAFFIC BARRIER TERMINAL 5A SHALL BE TRANSITIONED OVER TO FEET TO MATCH THE HEIGHT OF THE EXISTING BRIDGE RAIL
4. EXISTING GUARDRAIL POSTS ATTACHED TO THE TOP SLAB OF EXISTING CONCRETE BOX CULVERTS SHALL REMAIN IN PLACE AND SHALL BE UTILIZED WITH THE PROPOSED GUARDRAIL. EXISTING BLOCKOUTS SHALL BE REMOVED AND REPLACED WITH NEW BLOCKOUTS.
5. RAIL ELEMENTS AT LOCATION 1 SHALL BE FIELD DRILLED TO MATCH EXISTING GUARDRAIL POSTS ATTACHED TO THE CONCRETE BOX CULVERT RIGHT STATION 178+39.

BILL OF MATERIAL - STA 173+45 TO STA 187+89

ITEM	QUANTITY
STEEL PLATE BEAM GUARD RAIL, TYPE A	1050 FOOT
STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	25 FOOT*
STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	25 FOOT
TRAFFIC BARRIER TERMINAL, TYPE 2	1 EACH
TRAFFIC BARRIER TERMINAL, TYPE 5A	8 EACH
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	9 EACH
GUARDRAIL REMOVAL	930 FOOT
GUARDRAIL MARKERS	15 EACH
TERMINAL MARKER - DIRECT APPLIED	9 EACH

* CONNECT RAIL TO EXISTING POSTS ATTACHED TO STRUCTURE

LEGEND

- (A) STEEL PLATE BEAM GUARDRAIL TYPE A (STD BLR 26)
- (S) STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE (STD 630101)
- (R) STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL) (STD BLR 26 - FABRICATE RAIL TO RADIUS SHOWN)
- (B) EXISTING BRIDGE RAIL
- (T) TRAFFIC BARRIER TERMINAL TYPE 2 (STD 631011)
- (I) TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
- (5) TRAFFIC BARRIER TERMINAL TYPE 5A (STD BLR 27)

CUMMINS
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CORPORATION

JOB = 2217
FILE NAME = 2217R011.dgn
PLOT SCALE = 40,0000" / IN.
PLOT DATE = 1/20/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 10/16/2008

REVISED -
REVISED -
REVISED -
REVISED -

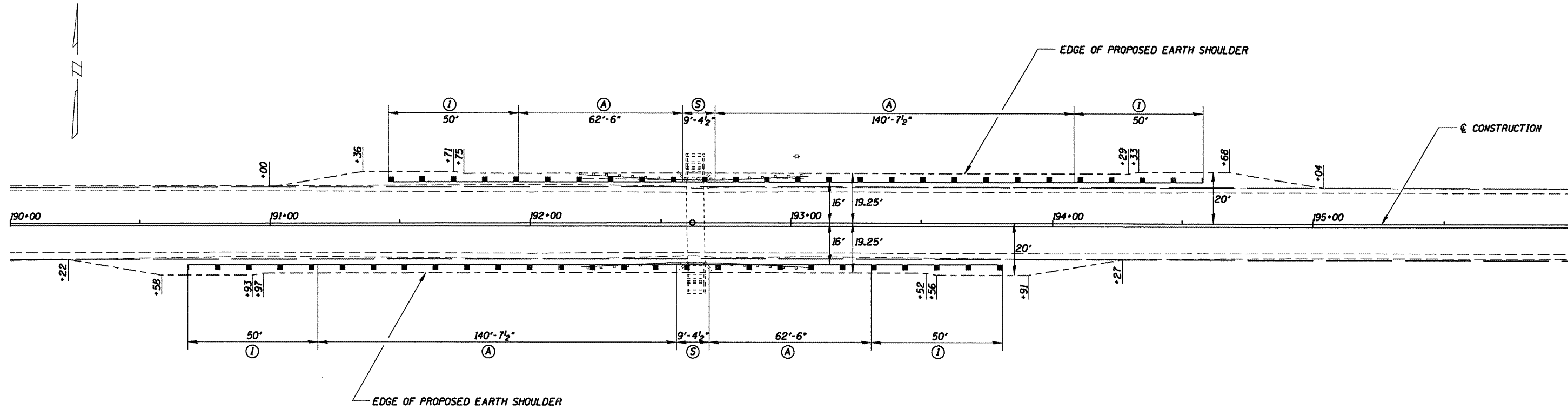
**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

GUARDRAIL LAYOUT & SHOULDER WIDENING DETAILS

SHEET NO. 2 OF 5 SHEETS STA. 182+50 TO STA. 188+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	42
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

93482



BILL OF MATERIAL - STA 190+68 TO STA 194+58

ITEM	QUANTITY
STEEL PLATE BEAM GUARD RAIL, TYPE A	400 FOOT
STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	25 FOOT *
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	4 EACH
GUARDRAIL REMOVAL	175 FOOT
GUARDRAIL MARKERS	8 EACH
TERMINAL MARKER - DIRECT APPLIED	4 EACH

* CONNECT RAIL TO EXISTING POSTS ATTACHED TO STRUCTURE

LEGEND	
(A)	STEEL PLATE BEAM GUARDRAIL TYPE A (STD BLR 26)
(S)	STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE (STD 63010)
(R)	STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL) (STD BLR 26 - FABRICATE RAIL TO RADIUS SHOWN)
(B)	EXISTING BRIDGE RAIL
(2)	TRAFFIC BARRIER TERMINAL TYPE 2 (STD 63011)
(1)	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
(5)	TRAFFIC BARRIER TERMINAL TYPE 5A (STD BLR 27)

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 2217R01.dgn
PLOT SCALE = 40.0000 "/ IN.
PLOT DATE = 1/20/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 10/16/2008

REVISED -
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REVISED -

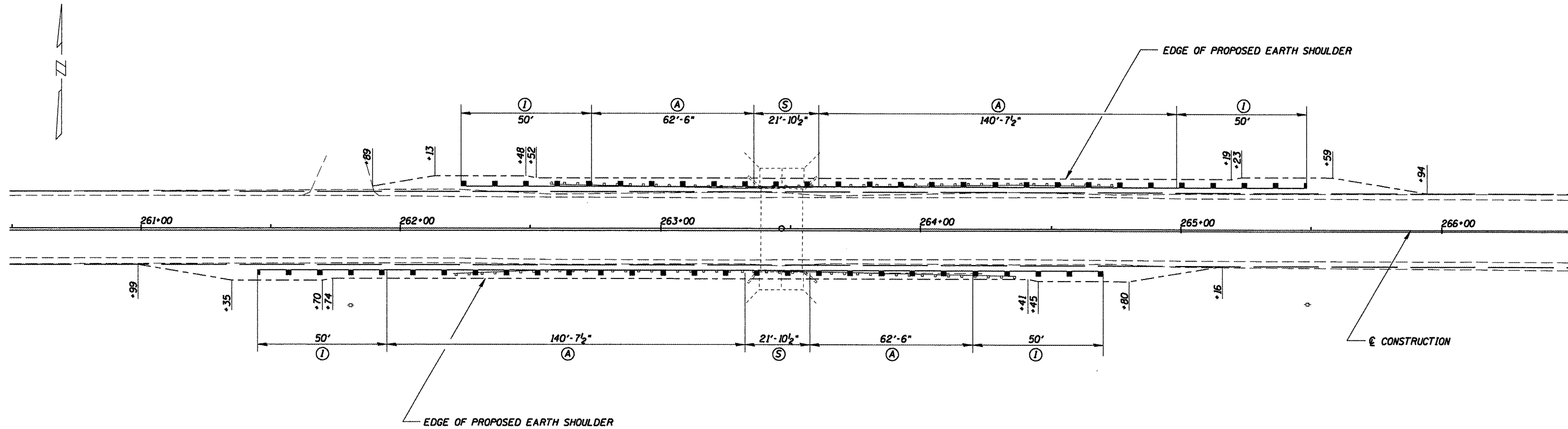
**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

GUARDRAIL LAYOUT & SHOULDER WIDENING DETAILS

SHEET NO. 3 OF 5 SHEETS STA. 190+00 TO STA. 196+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	43
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482



BILL OF MATERIAL - STA 261+45 TO STA 265+49

ITEM	QUANTITY
STEEL PLATE BEAM GUARD RAIL, TYPE A	400 FOOT
STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	50 FOOT
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	4 EACH
GUARDRAIL REMOVAL	432 FOOT
GUARDRAIL MARKERS	8 EACH
TERMINAL MARKER - DIRECT APPLIED	4 EACH

* CONNECT RAIL ON EXISTING POSTS ATTACHED TO STRUCTURE

LEGEND

(A)	STEEL PLATE BEAM GUARDRAIL TYPE A (STD BLR 26)
(S)	STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE (STD 63010I)
(R)	STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL) (STD BLR 26 - FABRICATE RAIL TO RADIUS SHOWN)
(B)	EXISTING BRIDGE RAIL
(2)	TRAFFIC BARRIER TERMINAL TYPE 2 (STD 6310II)
(1)	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
(5)	TRAFFIC BARRIER TERMINAL TYPE 5A (STD BLR 27)

**CUMMINS
ENGINEERING
CORPORATION**

JOB = 2217	DESIGNED - NAK	REVISED -
FILE NAME = 2217R011.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 40,0000 "/> <td>CHECKED - NAK</td> <td>REVISED -</td>	CHECKED - NAK	REVISED -
PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -

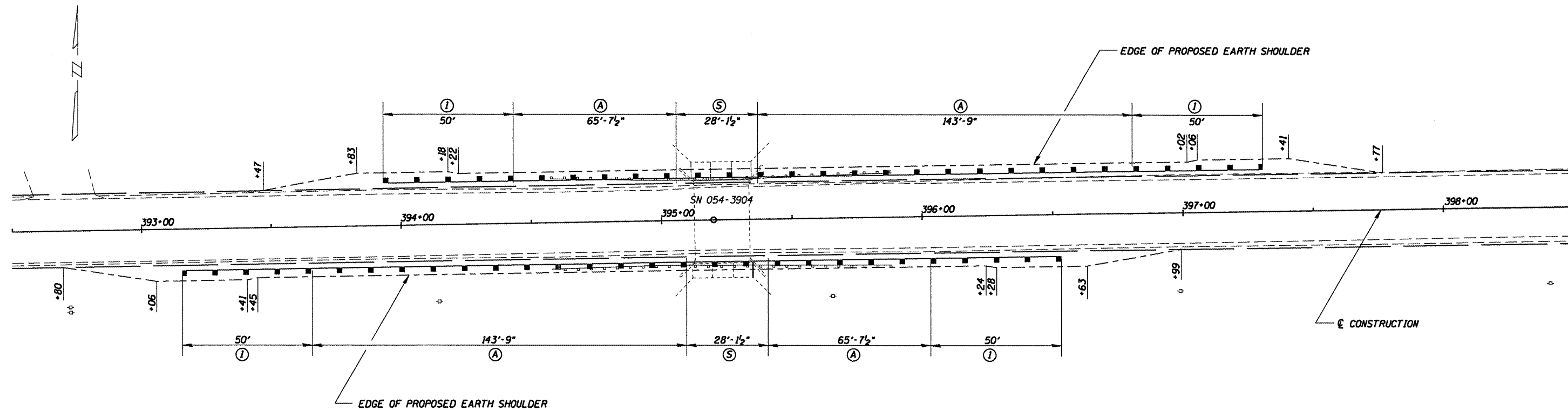
**LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS**

GUARDRAIL LAYOUT & SHOULDER WIDENING DETAILS

SHEET NO. 4 OF 5 SHEETS STA. 260+50 TO STA. 266+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	44
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482



BILL OF MATERIAL - STA 393+16 TO STA 397+31

ITEM	QUANTITY
STEEL PLATE BEAM GUARD RAIL, TYPE A	412.5 FOOT
STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	62.5 FOOT
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	4 EACH
GUARDRAIL REMOVAL	261 FOOT
GUARDRAIL MARKERS	8 EACH
TERMINAL MARKER - DIRECT APPLIED	4 EACH

* CONNECT RAIL TO EXISTING POSTS ATTACHED TO STRUCTURE

LEGEND

- (A) STEEL PLATE BEAM GUARDRAIL TYPE A (STD BLR 26)
- (S) STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE (STD 630101)
- (R) STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL) (STD BLR 26 - FABRICATE RAIL TO RADIUS SHOWN)
- (B) EXISTING BRIDGE RAIL
- (2) TRAFFIC BARRIER TERMINAL TYPE 2 (STD 631011)
- (1) TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
- (5) TRAFFIC BARRIER TERMINAL TYPE 5A (STD BLR 27)

CUMMINS
ENGINEERING
CORPORATION

JOB = 2217
FILE NAME = 2217R01.dgn
PLOT SCALE = 48.0000' / IN.
PLOT DATE = 1/28/2009

DESIGNED - NAK
DRAWN - AJH
CHECKED - NAK
DATE - 10/16/2008

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

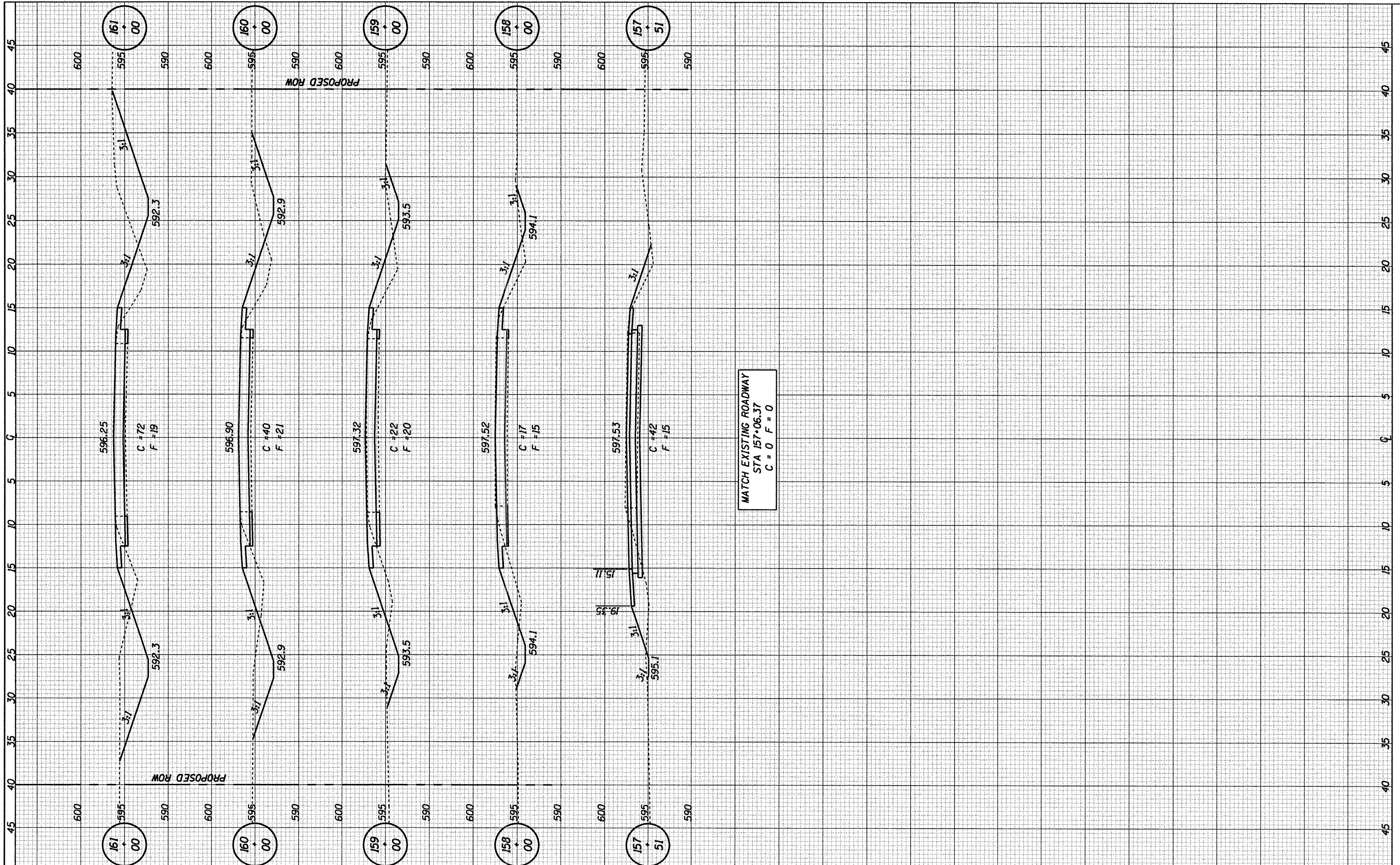
GUARDRAIL LAYOUT & SHOULDER WIDENING DETAILS
SHEET NO. 5 OF 5 SHEETS STA. 392+50 TO STA. 398+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	45
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482

FINAL SURVEY NO.	DATE
SAVED SURVEY NO.	DATE
NOTE BOOK NO.	DATE
PLATTED TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SAVED SURVEY NO.	DATE
NOTE BOOK NO.	DATE
PLATTED TEMPLATE AREAS CHECKED	



FILE NAME = 2217xsec.dgn
 USER NAME = default
 PLOT SCALE = 10.0000 ft / in.
 PLOT DATE = 1/21/2009

DESIGNED -	NAK	REVISED -	
DRAWN -	AJH	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/2/2008	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - 800TH AVE

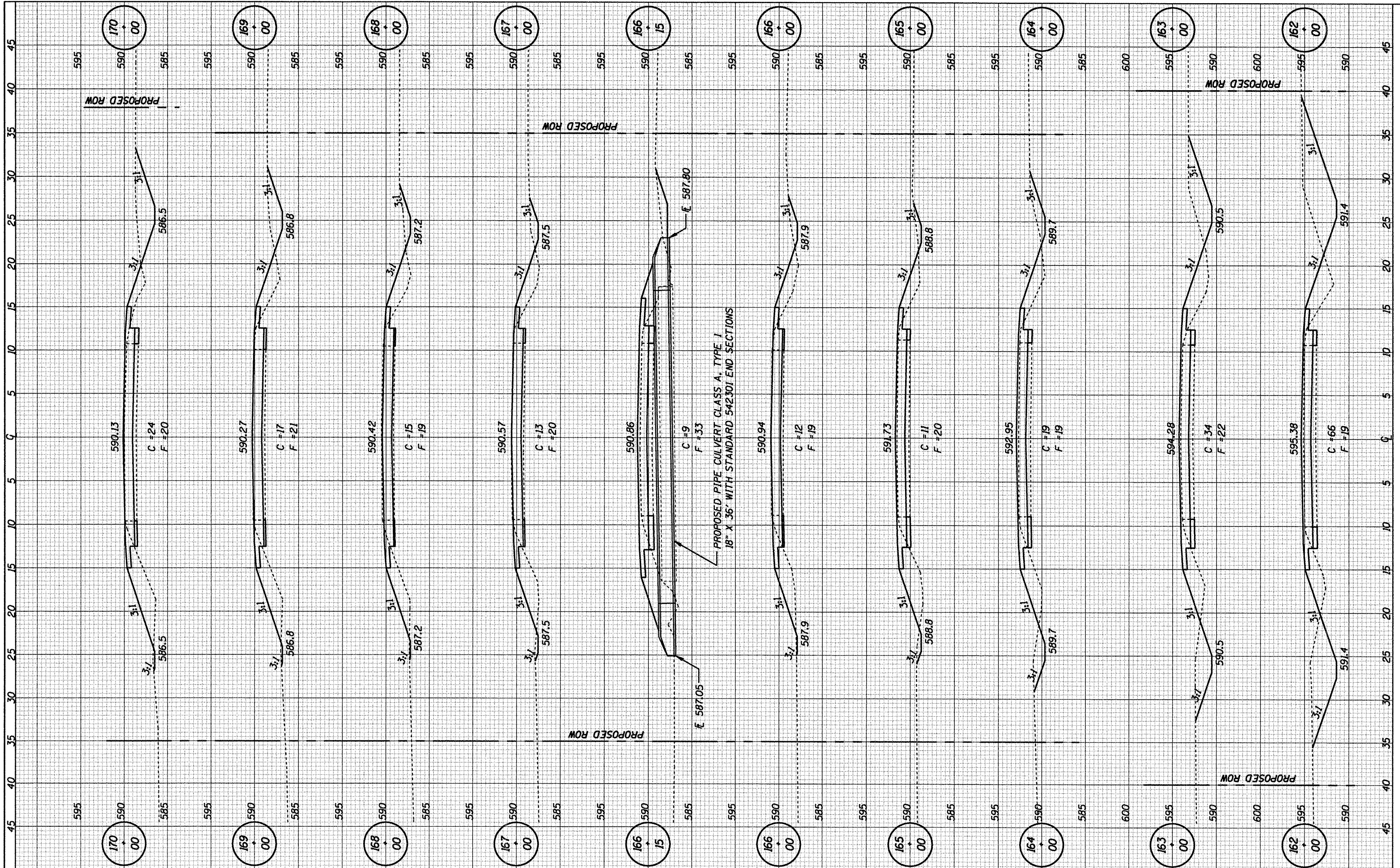
STA. 157+51 TO STA. 161+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	46
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO.	

93482

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

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



FILE NAME = 2217xsec.dgn
 USER NAME = default
 PLOT SCALE = 10.0000 Ft / IN.
 PLOT DATE = 1/21/2009

DESIGNED -	NAK	REVISED -	
DRAWN -	AJH	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/2/2008	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - 800TH AVE

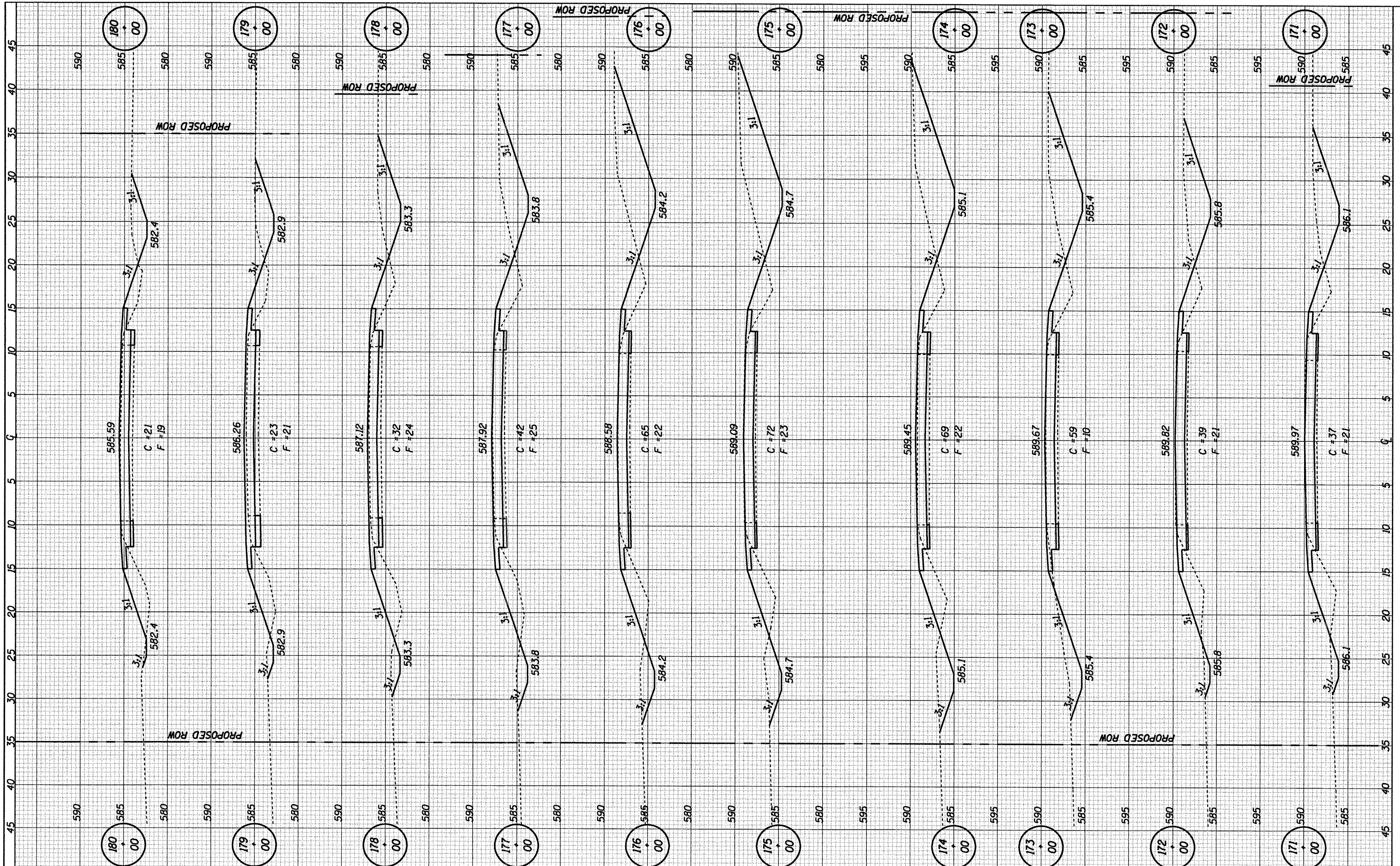
STA. 162+00 TO STA. 170+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	47
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

93482

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	AREAS CHECKED		



FILE NAME = 2217xsec.dgn
 USER NAME = default
 PLOT SCALE = 18.0000 ft / in.
 PLOT DATE = 1/21/2009

DESIGNED - NAK	REVISED -
DRAWN - AJH	REVISED -
CHECKED - NAK	REVISED -
DATE - 12/2/2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - 800TH AVE

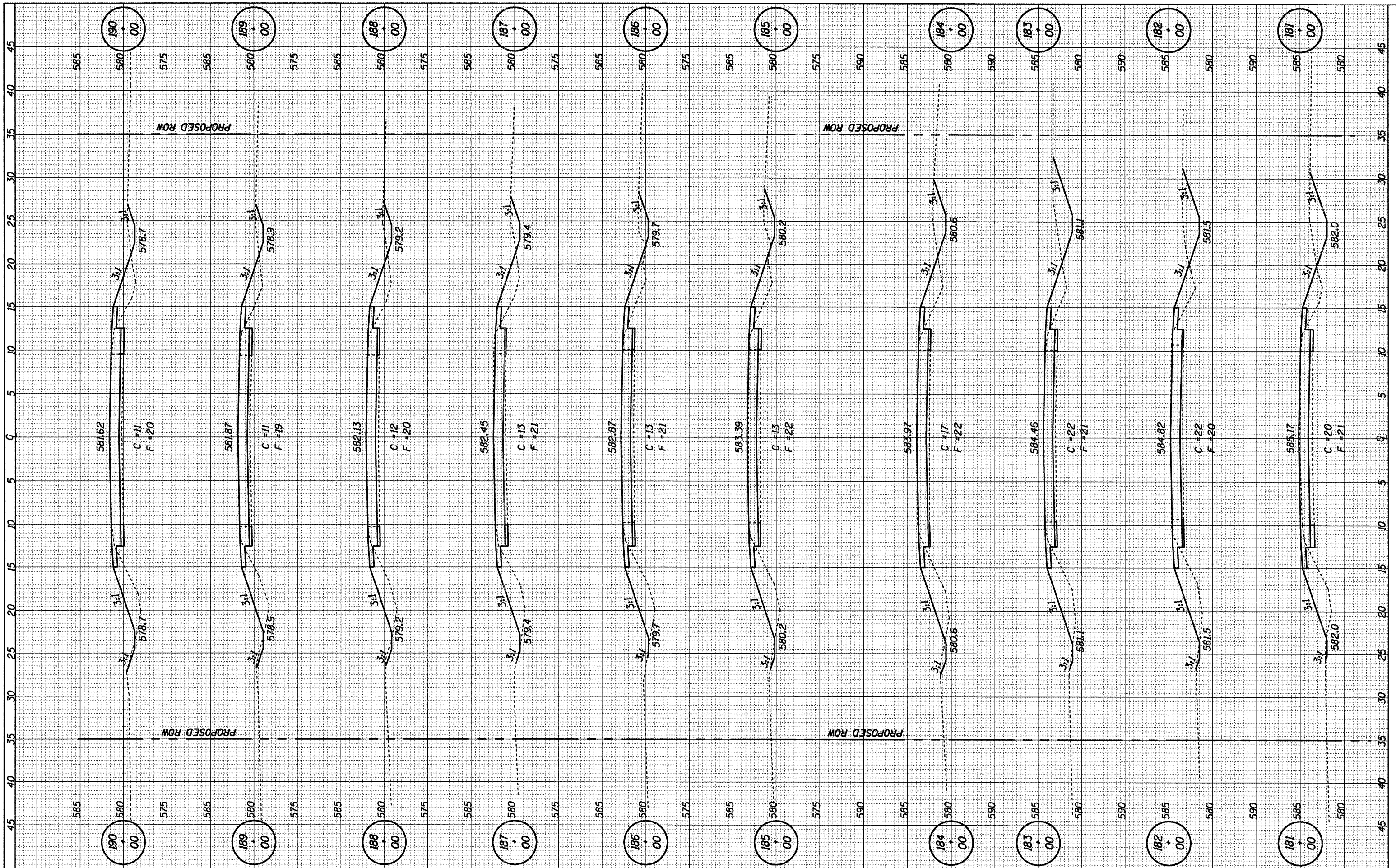
STA. 171+00 TO STA. 180+00

F.A. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 48
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

93482

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

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



FILE NAME = 2217xsec.dgn
 USER NAME = default
 PLOT SCALE = 10.0000 ft / in.
 PLOT DATE = 1/21/2009

DESIGNED -	NAK	REVISED -	
DRAWN -	AJH	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/2/2008	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - 800TH AVE

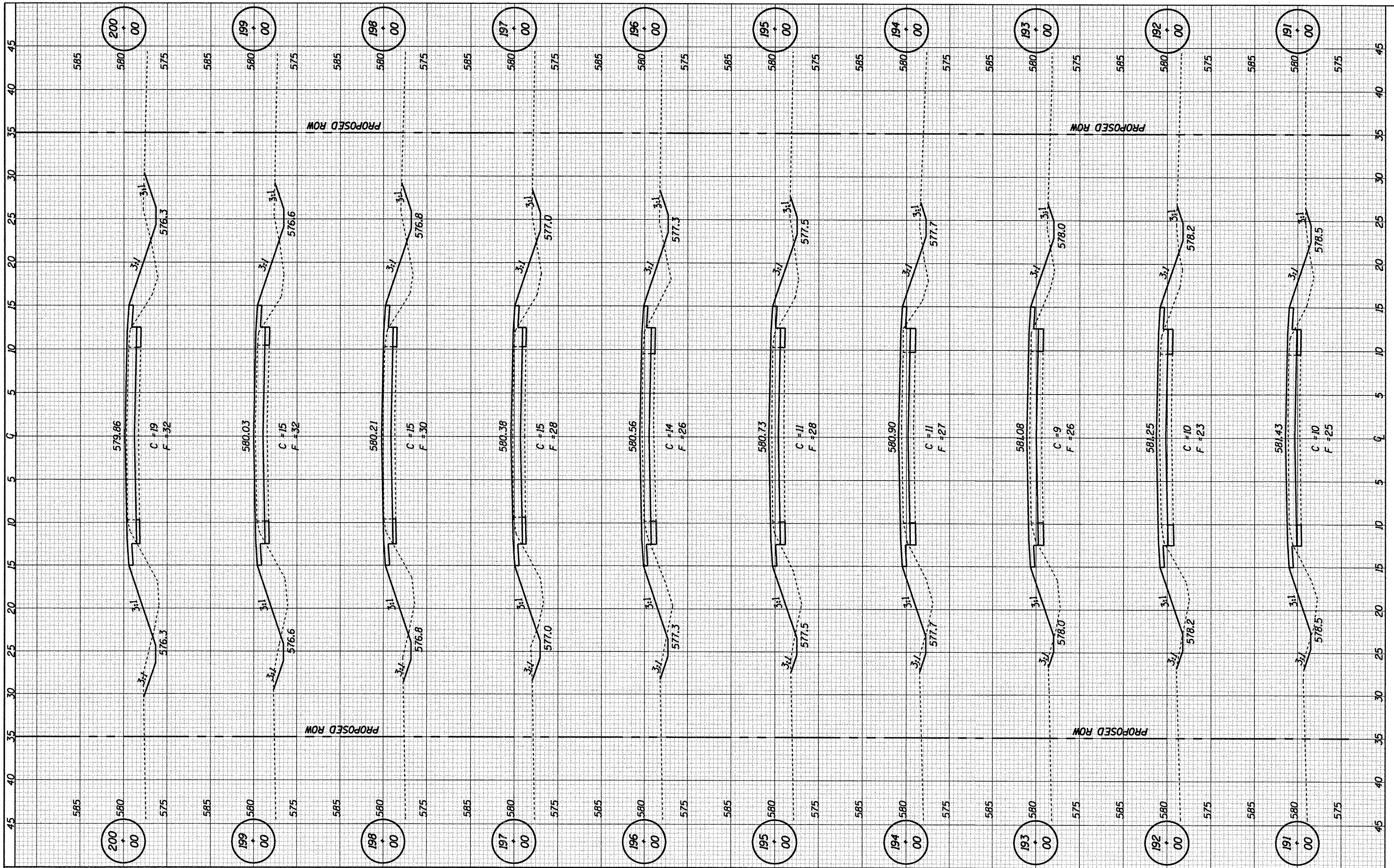
STA. 181+00 TO STA. 190+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	49
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

93482

FINAL SURVEY NO.	DATE
SUBMITTED BY	
NOTED BY	
PLOTTED BY	
TEMPLATE NO.	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SUBMITTED BY	
NOTED BY	
PLOTTED BY	
TEMPLATE NO.	
AREAS CHECKED	



FILE NAME = 2217xsec.dgn
 USER NAME = default
 DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 12/2/2008

REVISIONS:
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DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 12/2/2008

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

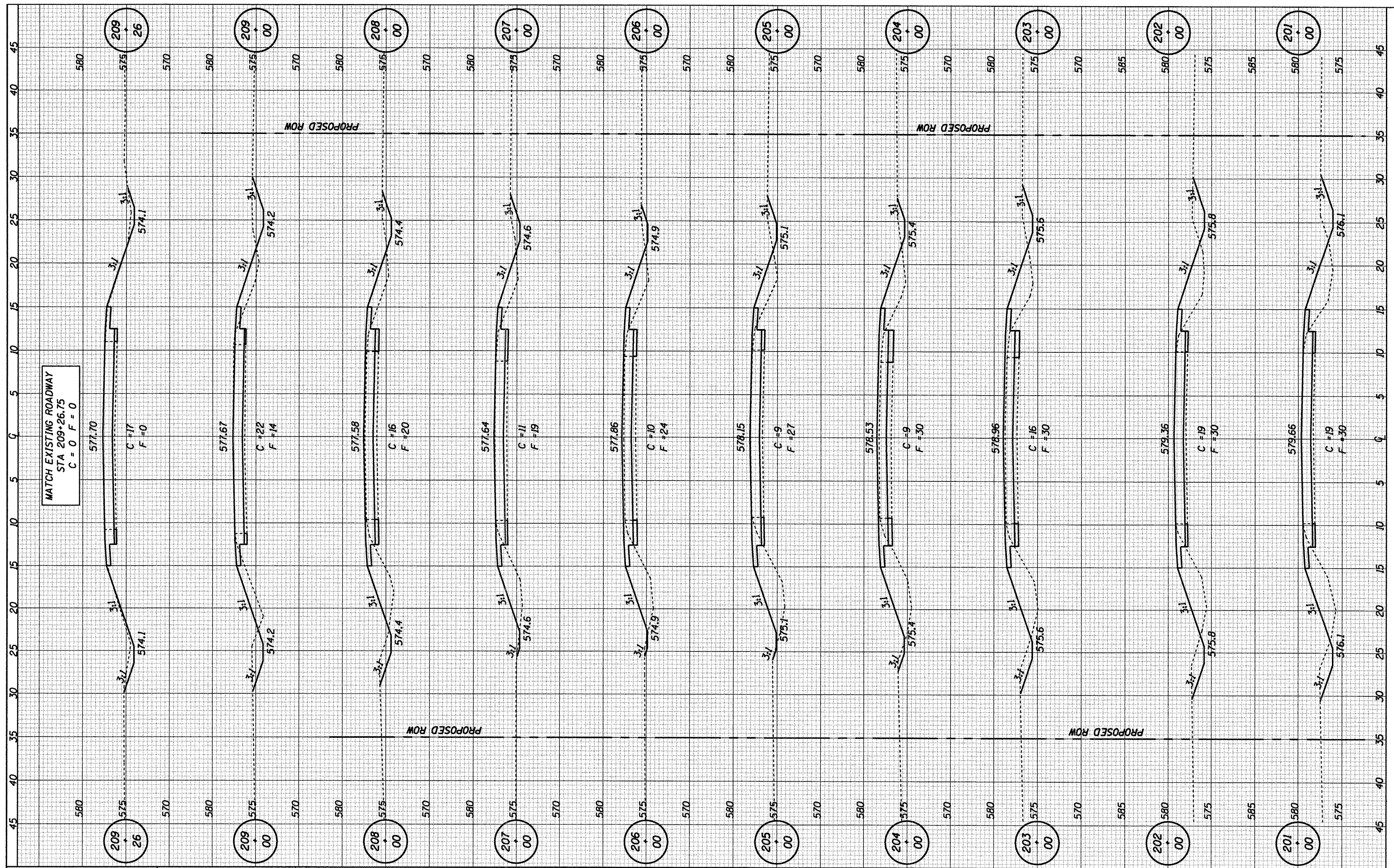
CROSS SECTIONS - 800TH AVE

STA. 191+00 TO STA. 200+00

F.A. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 50
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT NO. 93482		

FINAL SURVEY	NO. _____
NO. _____	DATE _____
BY _____	DATE _____
REVISIONS	
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TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY	NO. _____
NO. _____	DATE _____
BY _____	DATE _____
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



MATCH EXISTING ROADWAY
 STA 209+26.75
 C = 0 F = 0

FILE NAME = 2217xsec.dgn

USER NAME = default
 PLOT SCALE = 10.0000 ft / IN.
 PLOT DATE = 1/21/2009

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 12/2/2008

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - 800TH AVE

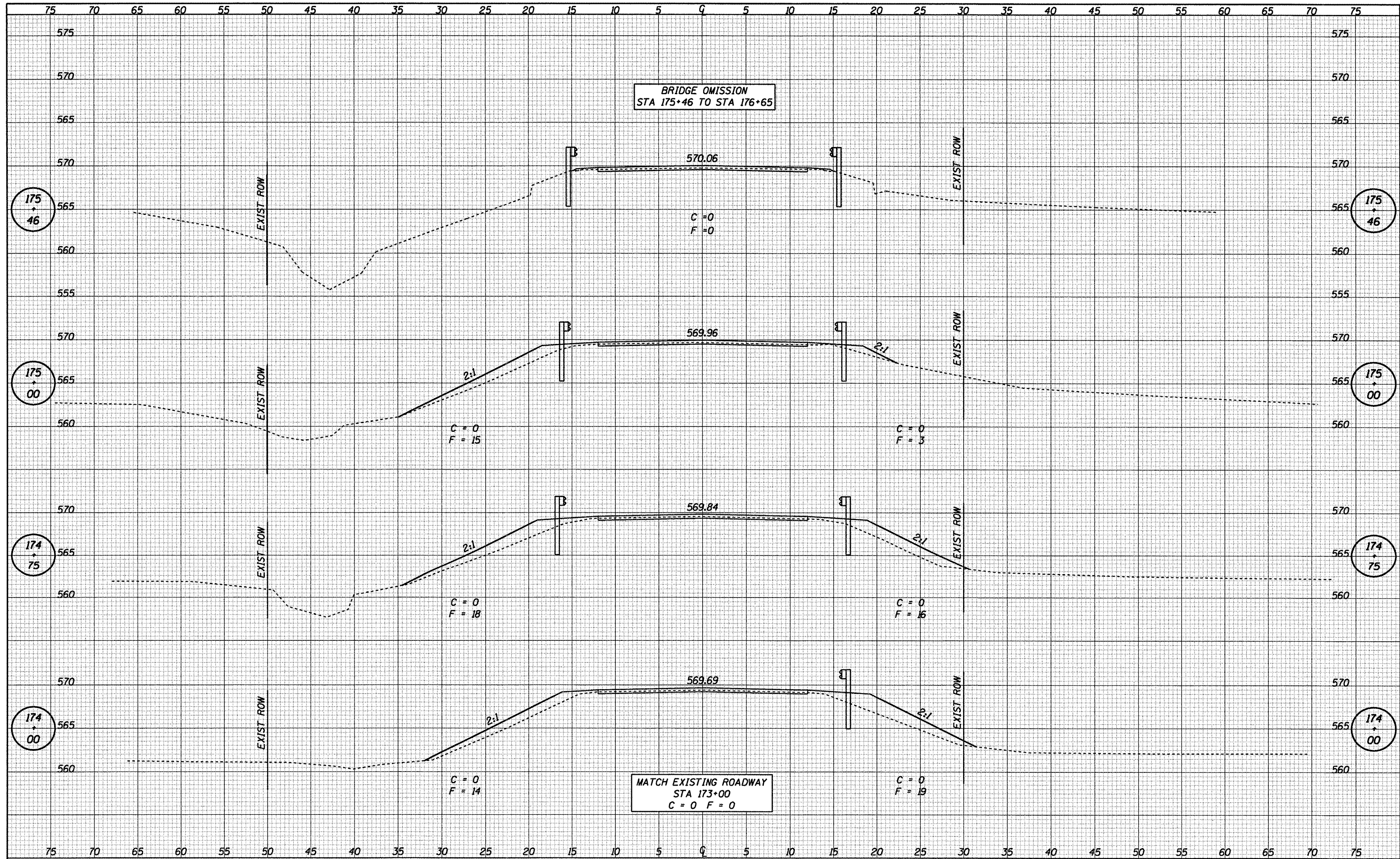
STA. 201+00 TO STA. 209+26

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	51
CONTRACT NO.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482

DATE	
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NOTE BOOK	
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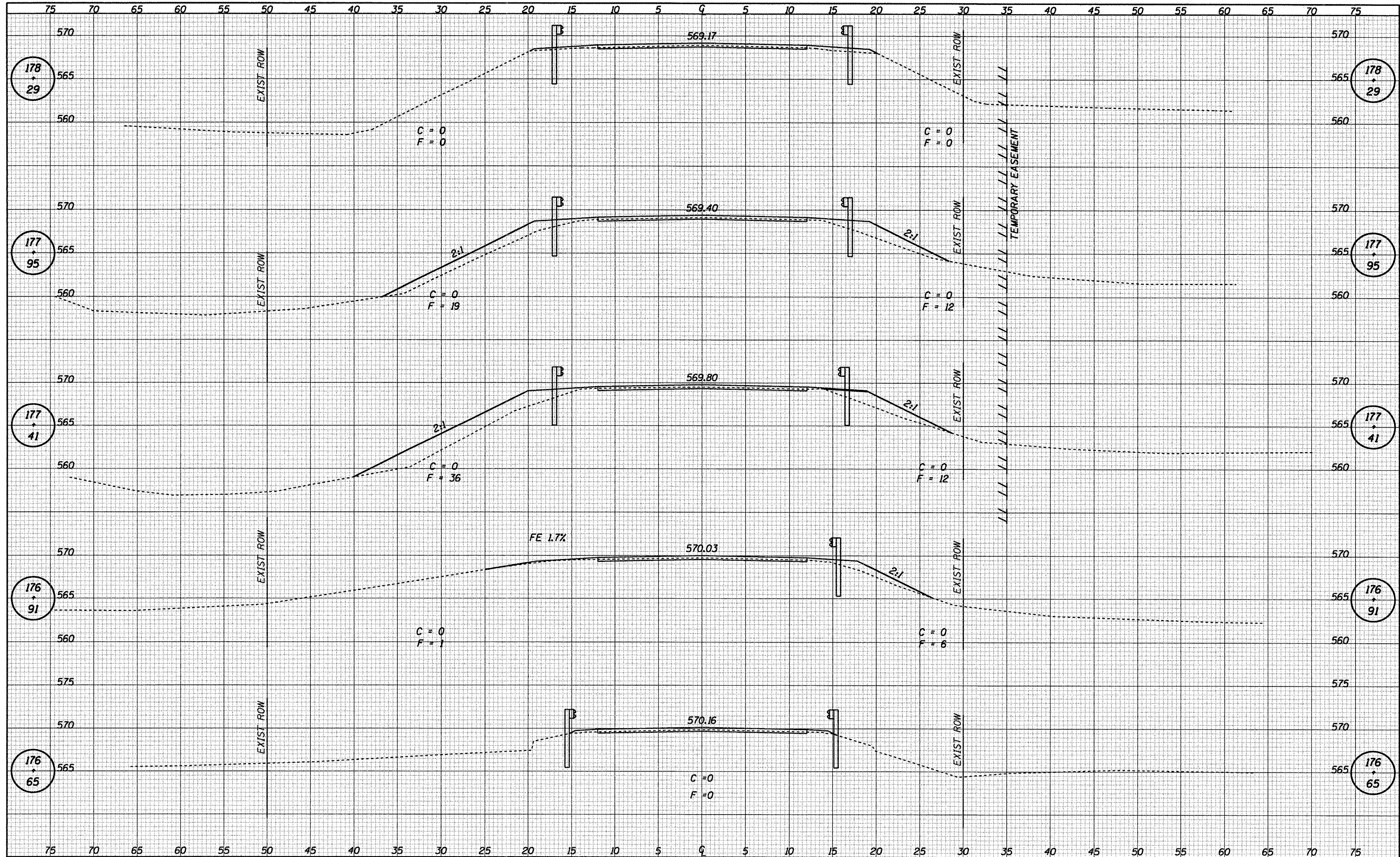
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CONVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
NO. SURVEY	
NOTE BOOK	
NO.	



CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 2217xsec.dgn	DRAWN - AJH	REVISED -				05-00113-00-WR		63	52
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	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -				STA. 174+00 TO STA. 175+46	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	93482

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
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DESCRIPTION	
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DESIGNED	
DRAWN	
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DESCRIPTION	

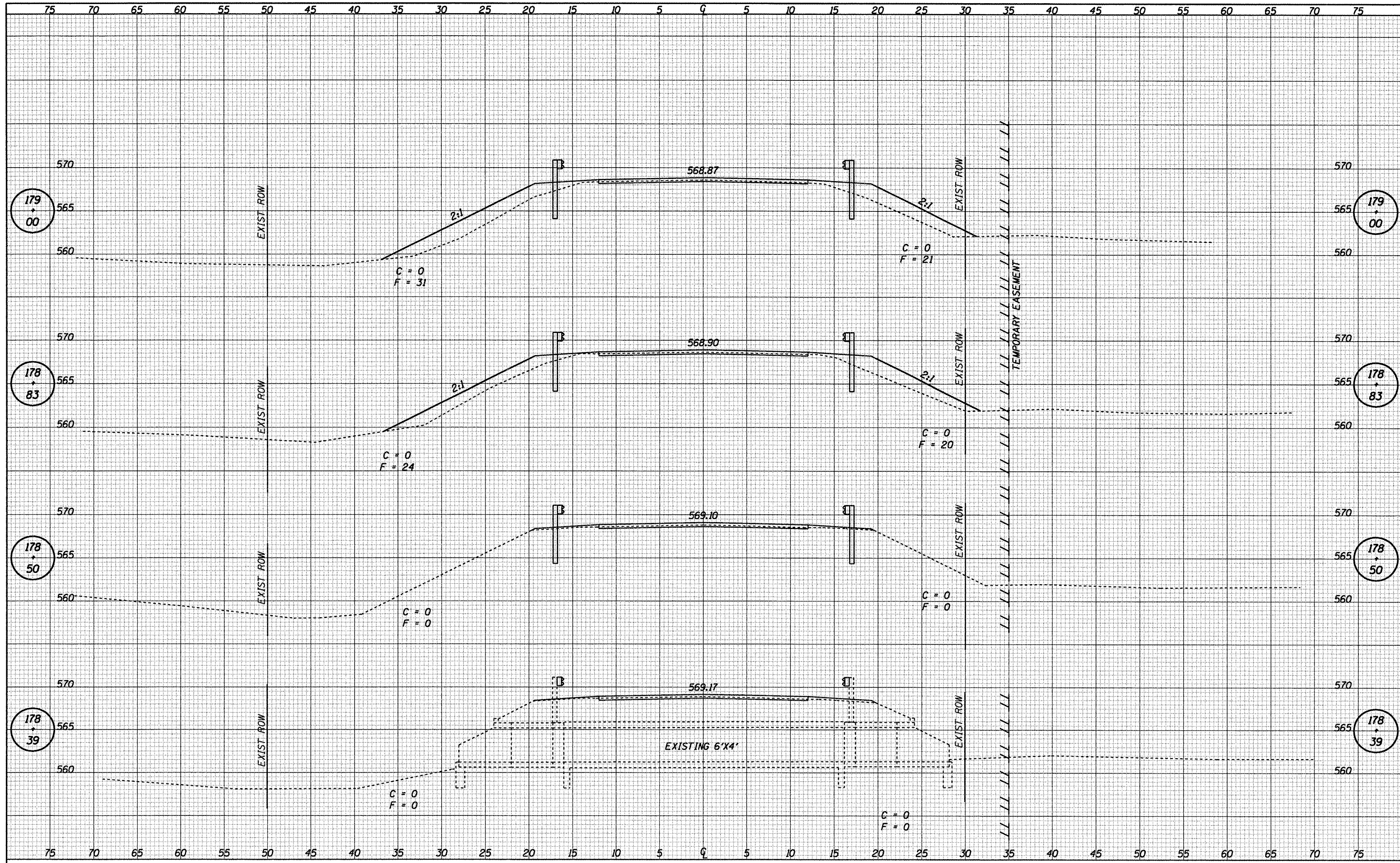
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BY	
DESIGNED	
DRAWN	
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DATE	
REVISIONS	
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DESCRIPTION	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DESCRIPTION	



CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 53
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	PLOT SCALE = 10,0000 ft / IN.	CHECKED - NAK	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -			STA. 176+65 TO STA. 178+29	03482			

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
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TEMPLATE	
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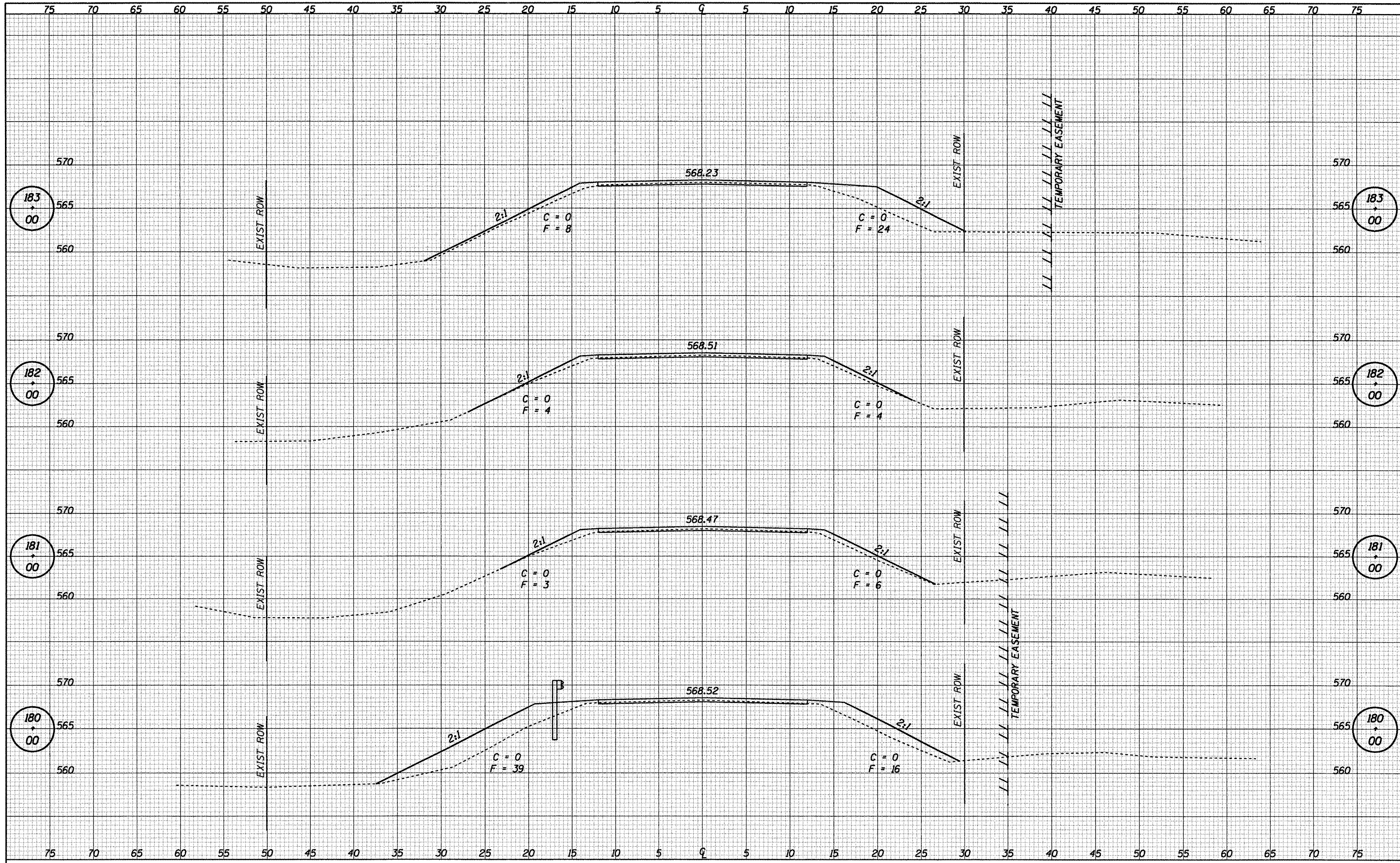


CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 54
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	PLOT SCALE = 10,0000 Ft / IN.	CHECKED - NAK	REVISED -			STA. 178+39 TO STA. 179+00	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			
	PLOT DATE = 1/28/2009	DATE - 10/16/2008	REVISED -							

93482

DATE	
BY	
FINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
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DATE	
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ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

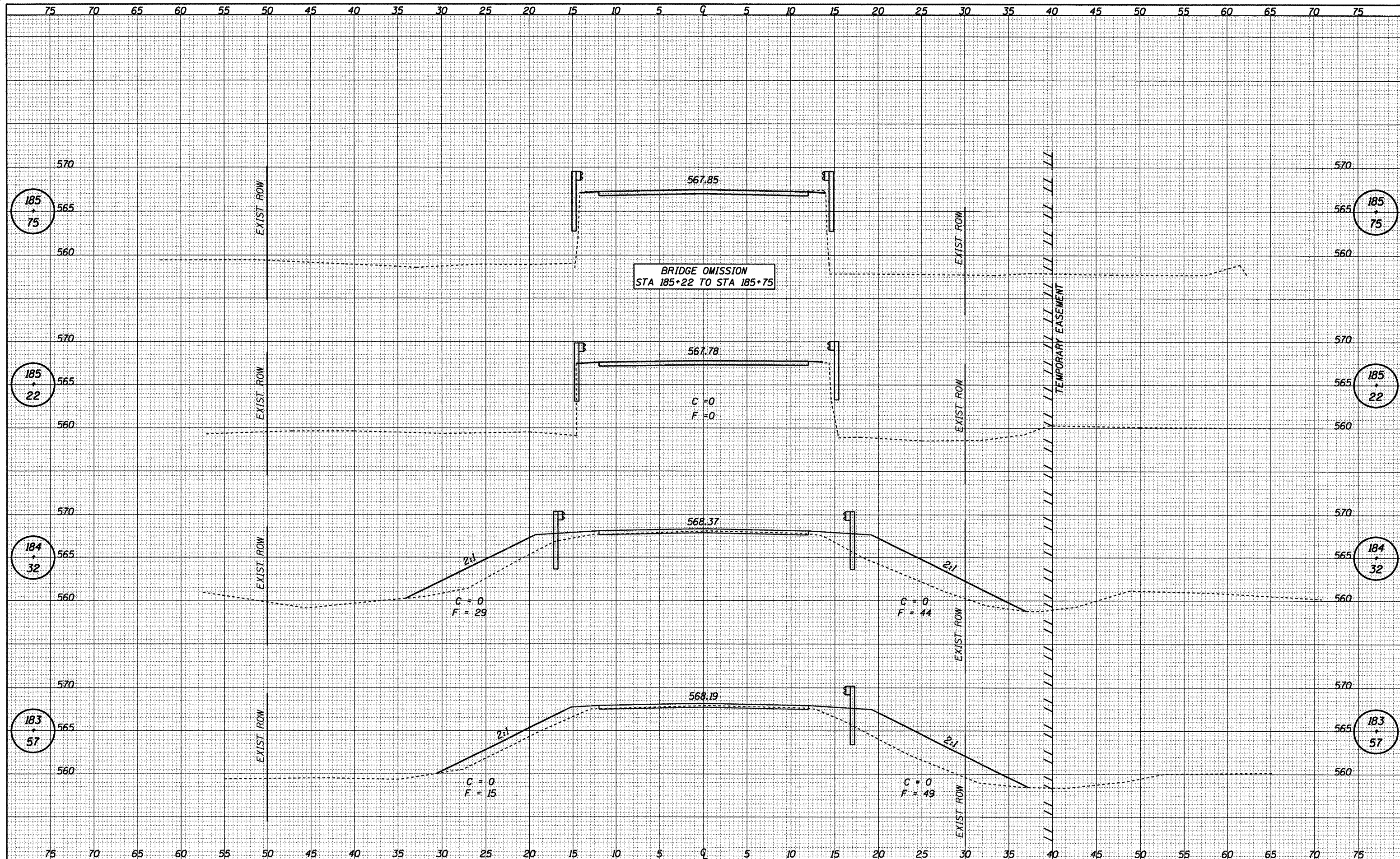


CUMMINS ENGINEERING CORPORATION JOB = 2217 FILE NAME = 2217xsec.dgn PLOT SCALE = 10.0000 ft / IN. PLOT DATE = 1/20/2009	DESIGNED - NAK DRAWN - AJH CHECKED - NAK DATE - 10/16/2008	REVISED - REVISED - REVISED - REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10 STA. 180+00 TO STA. 183+00	F.A.S. - RTE. - 566 CH 10, TR 199A, TR 92 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	SECTION - 05-00113-00-WR LOGAN CONTRACT NO.	COUNTY - LOGAN COUNTY	TOTAL SHEETS - 63 SHEET NO. - 55
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93482

DATE	
BY	
FINAL SURVEY	
SUBMITTED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
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NOTE BOOK	
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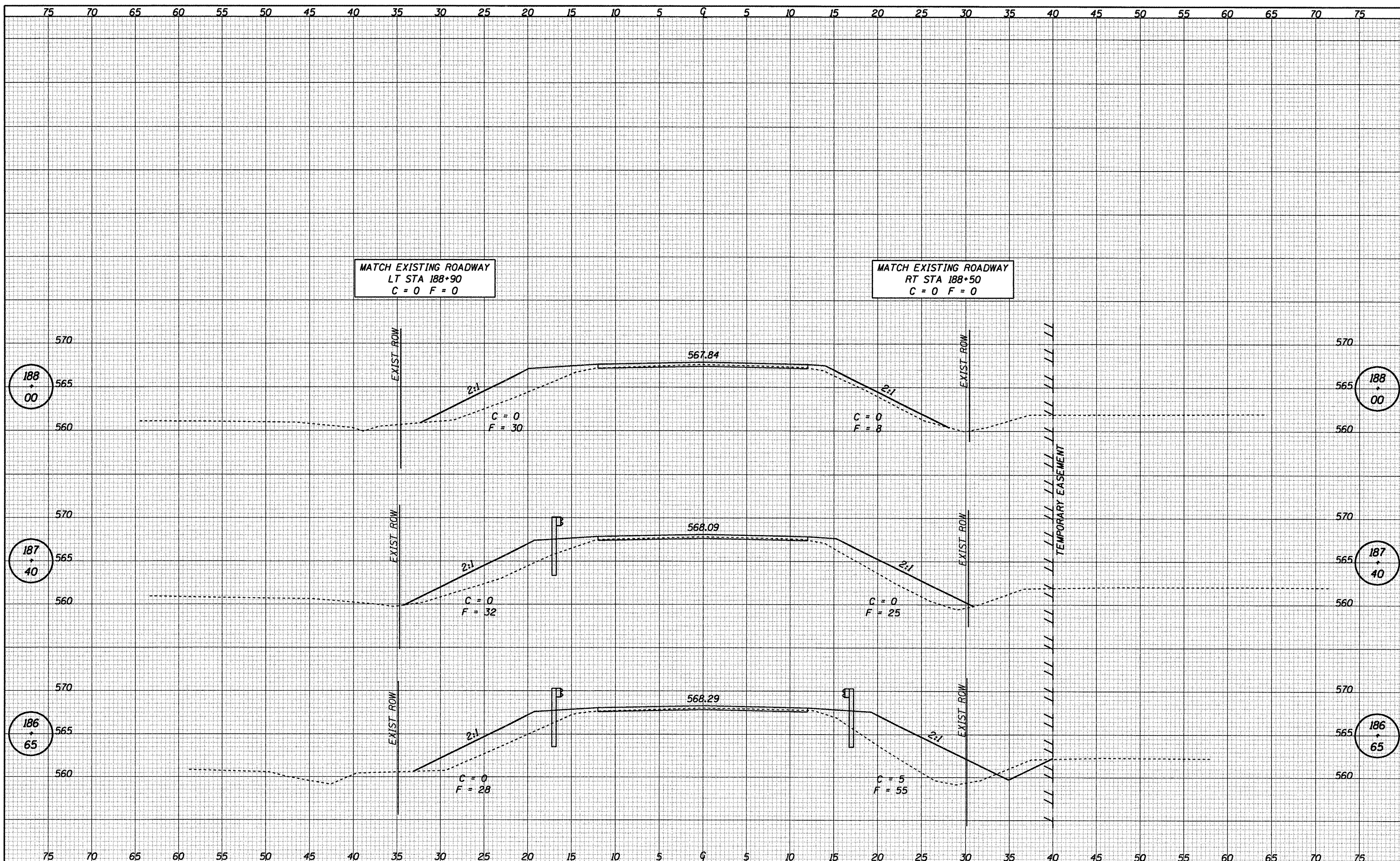


CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY	CROSS SECTIONS - CH 10	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 2217xsscdgn	DRAWN - AJH	REVISED -			566	05-00113-00-WR	LOGAN	63	56
	PLOT SCALE = 10.0000 ft / IN.	CHECKED - NAK	REVISED -			CH 10, TR 199A, TR 92	CONTRACT NO.			
	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -			STA. 183+57 TO STA. 185+75	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

93482

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	



CUMMINS ENGINEERING CORPORATION

JOB = 2217
 FILE NAME = 2217xseo.dgn
 PLOT SCALE = 10,0000 Ft / IN.
 PLOT DATE = 1/28/2009

DESIGNED - NAK
 DRAWN - AJH
 CHECKED - NAK
 DATE - 10/16/2008

REVISED -
 REVISED -
 REVISED -
 REVISED -

**LOGAN COUNTY
 CH 10, TR 199A, TR 92 IMPROVEMENTS**

CROSS SECTIONS - CH 10

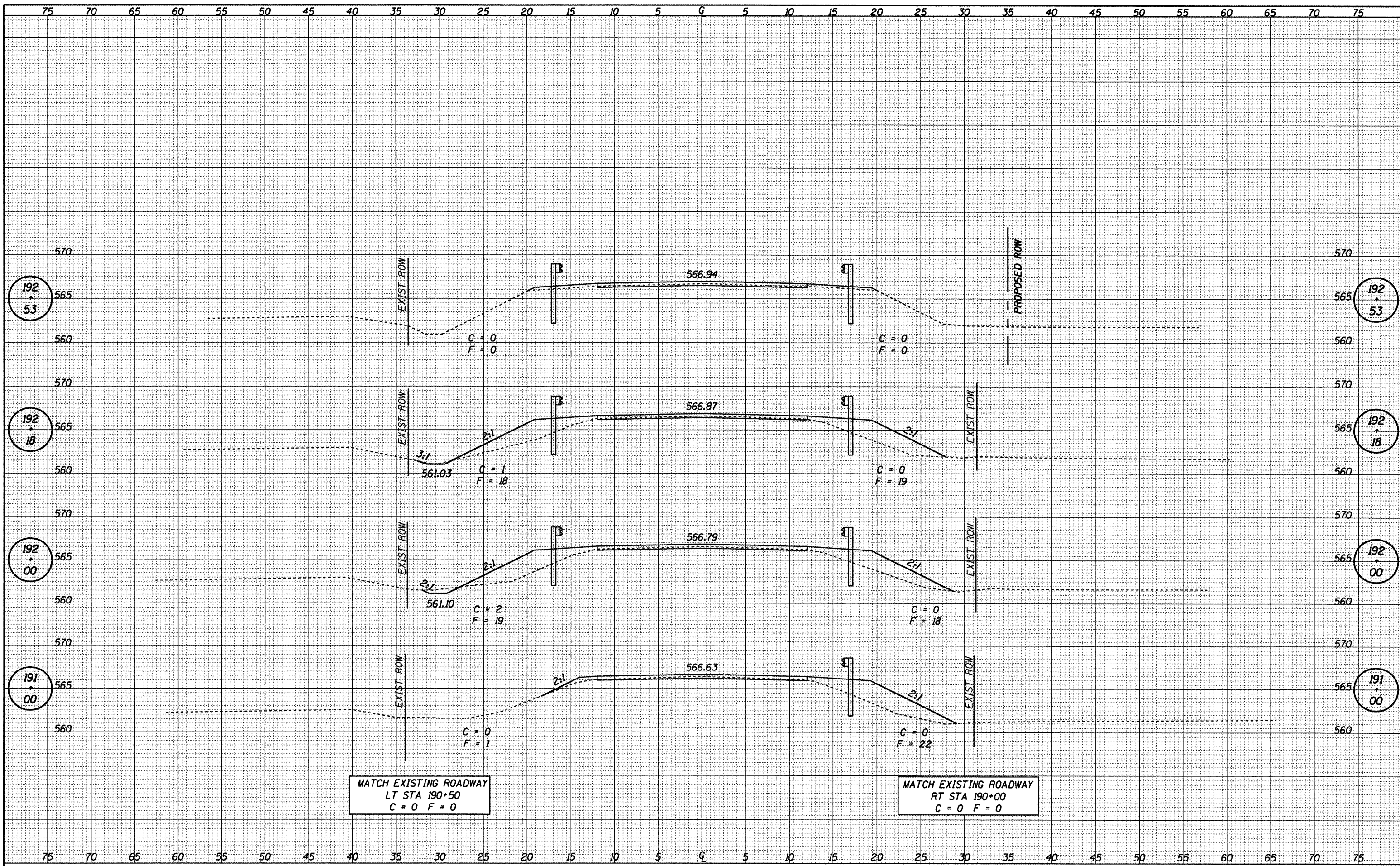
STA. 186+65 TO STA. 188+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	57
CH 10, TR 199A, TR 92		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93482

DATE	
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REVISIONS	
NO.	
DATE	
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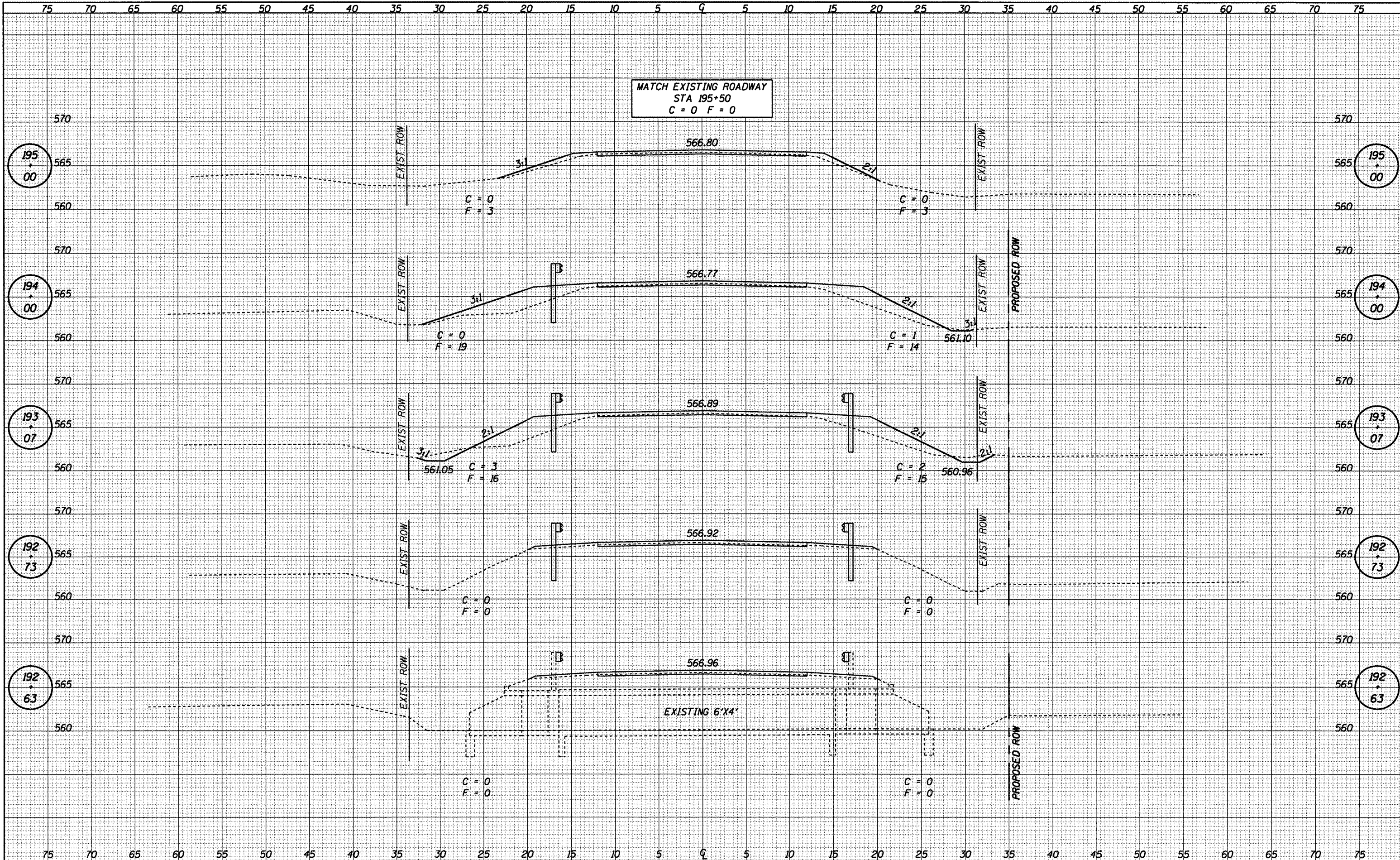
MATCH EXISTING ROADWAY
LT STA 190+50
C = 0 F = 0

MATCH EXISTING ROADWAY
RT STA 190+00
C = 0 F = 0

CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 58
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	PLOT SCALE = 10,000 Ft / IN.	CHECKED - NAK	REVISED -			STA. 191+00 TO STA. 192+53	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/28/2009	DATE - 10/16/2008	REVISED -							

BY	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
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REVISIONS	
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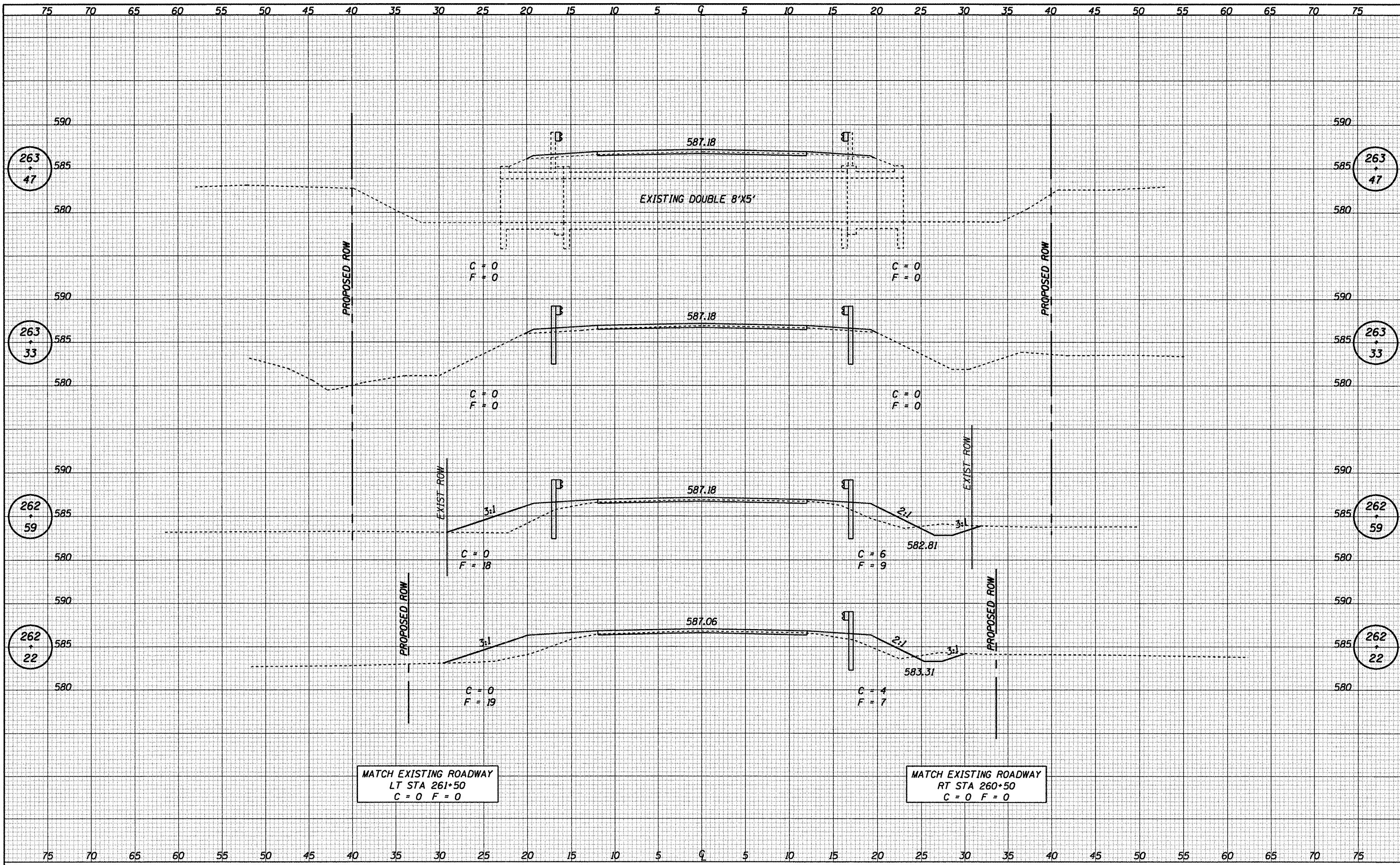


CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 59
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	PLOT SCALE = 10.0000 Ft / IN.	CHECKED - NAK	REVISED -			STA. 192+63 TO STA. 195+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -							

93482

DATE	
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DESIGNED	
DRAWN	
CHECKED	
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DESIGNED	
DRAWN	
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REVISIONS	
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DESCRIPTION	
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BY	
DESIGNED	
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DATE	
REVISIONS	
NO.	
DESCRIPTION	



MATCH EXISTING ROADWAY
 LT STA 261+50
 C = 0 F = 0

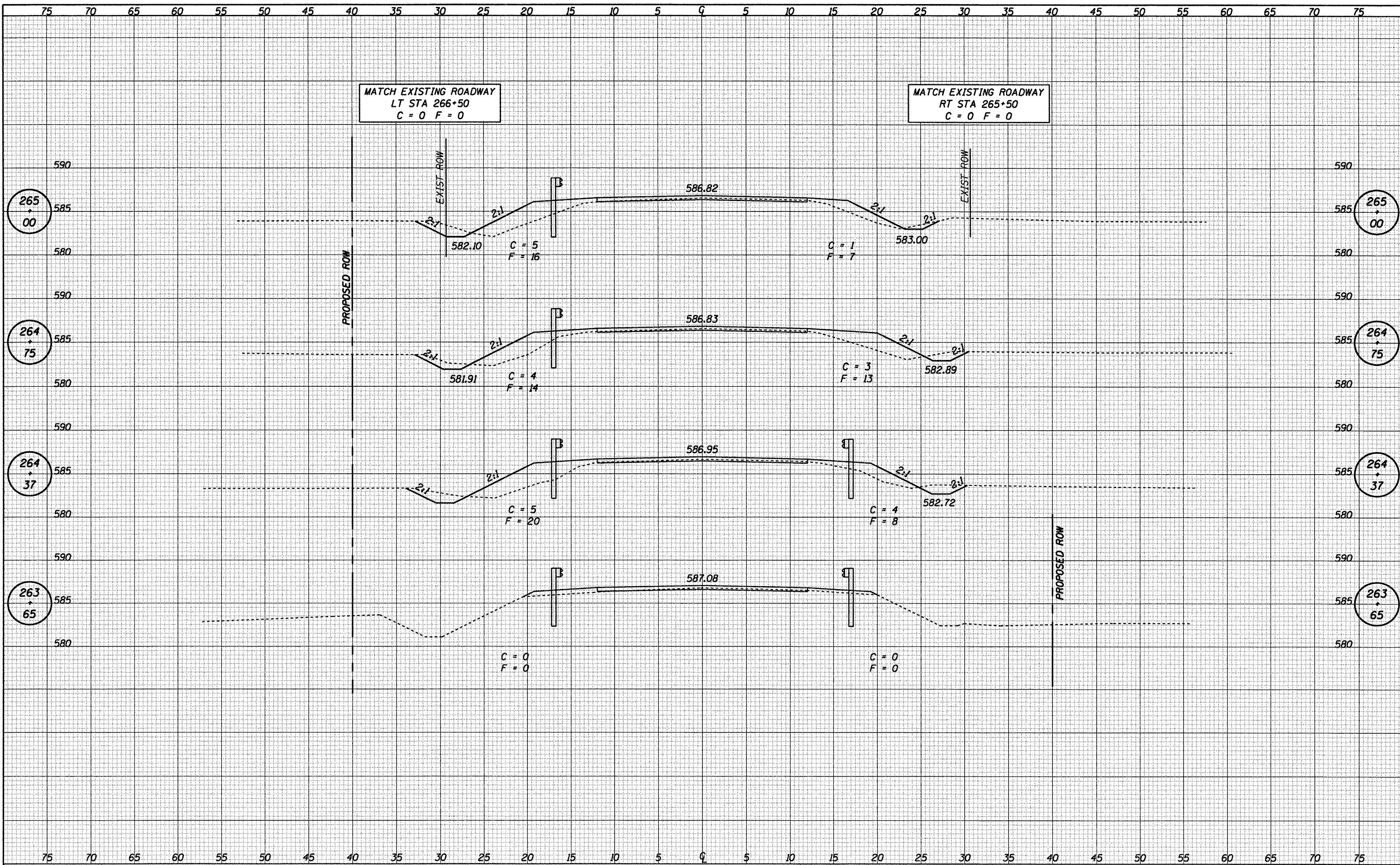
MATCH EXISTING ROADWAY
 RT STA 260+50
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CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 60
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	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -							

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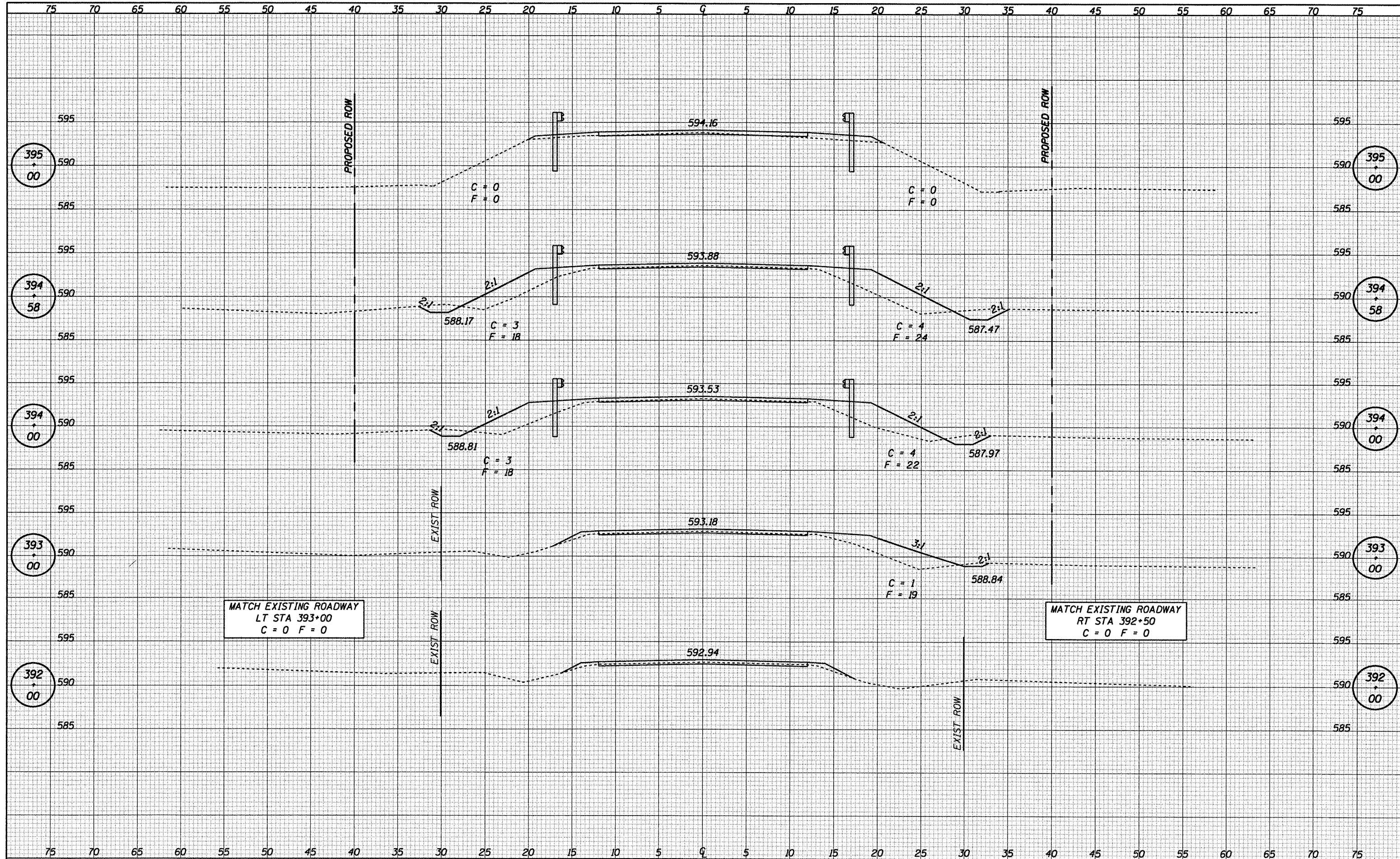
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CUMMINS ENGINEERING CORPORATION	JOB - 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10 STA. 263+65 TO STA. 265+00	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 61
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	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -			93482				

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BY	
FINAL SURVEY	
REVISIONS	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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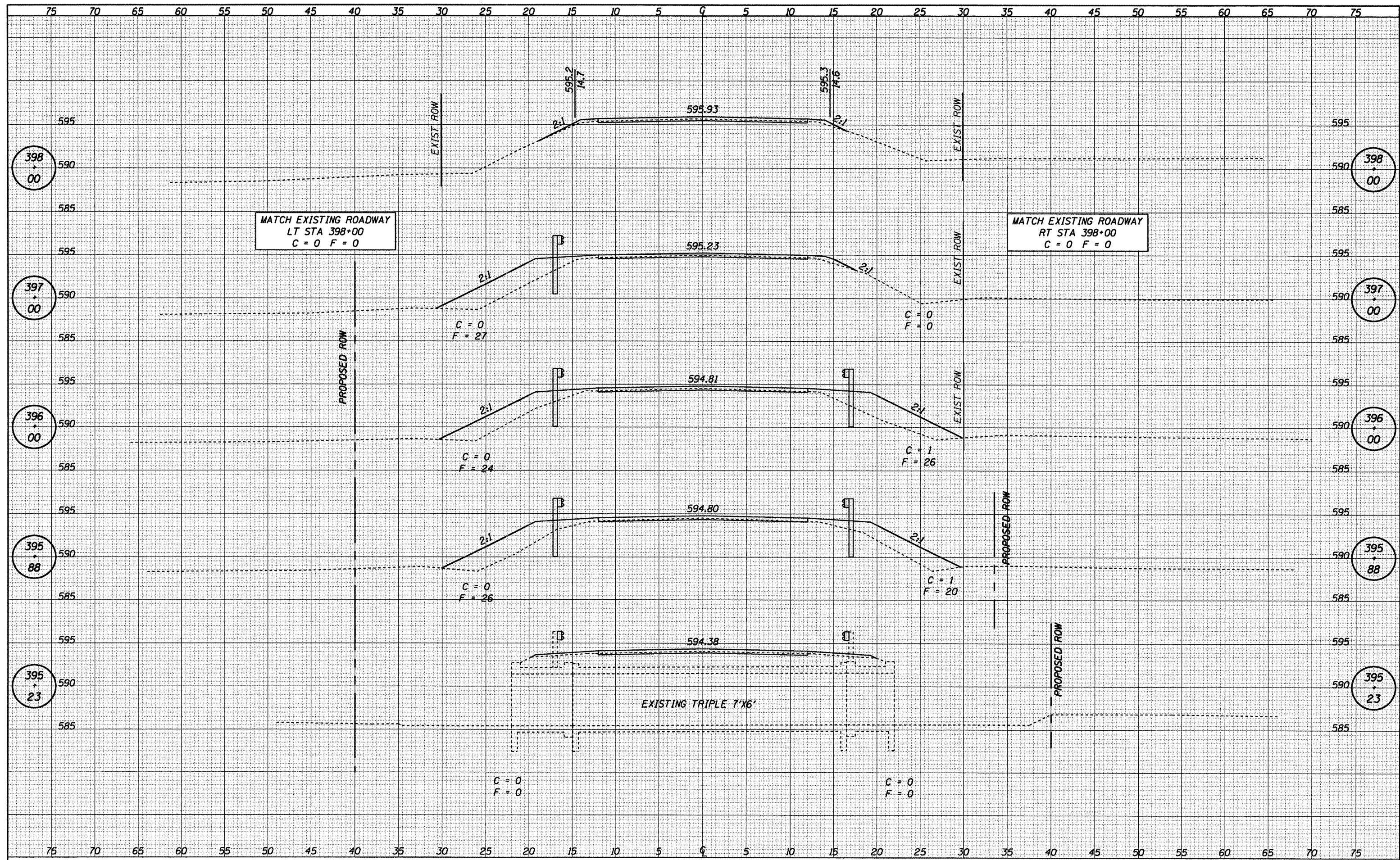
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BY	
ORIGINAL SURVEY	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
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CUMMINS ENGINEERING CORPORATION JOB = 2217 FILE NAME = 2217.sxc.dgn PLOT SCALE = 10,0000 Ft / IN. PLOT DATE = 1/20/2009	DESIGNED - NAK DRAWN - AJH CHECKED - NAK DATE - 10/16/2008	REVISED - REVISED - REVISED - REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10 STA. 392+00 TO STA. 395+00	F.A.S. RTE. 566 SECTION 05-00113-00-WR COUNTY LOGAN TOTAL SHEETS 63 SHEET NO. 62
	CH 10, TR 199A, TR 92 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO.
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DESIGNED	
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DATE	
FILE NAME	
PLOT SCALE	
PLOT DATE	
ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
FILE NAME	
PLOT SCALE	
PLOT DATE	
ORIGINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -	LOGAN COUNTY CH 10, TR 199A, TR 92 IMPROVEMENTS	CROSS SECTIONS - CH 10	F.A.S. RTE. 566	SECTION 05-00113-00-WR	COUNTY LOGAN	TOTAL SHEETS 63	SHEET NO. 63
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	PLOT DATE = 1/20/2009	DATE - 10/16/2008	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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