

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

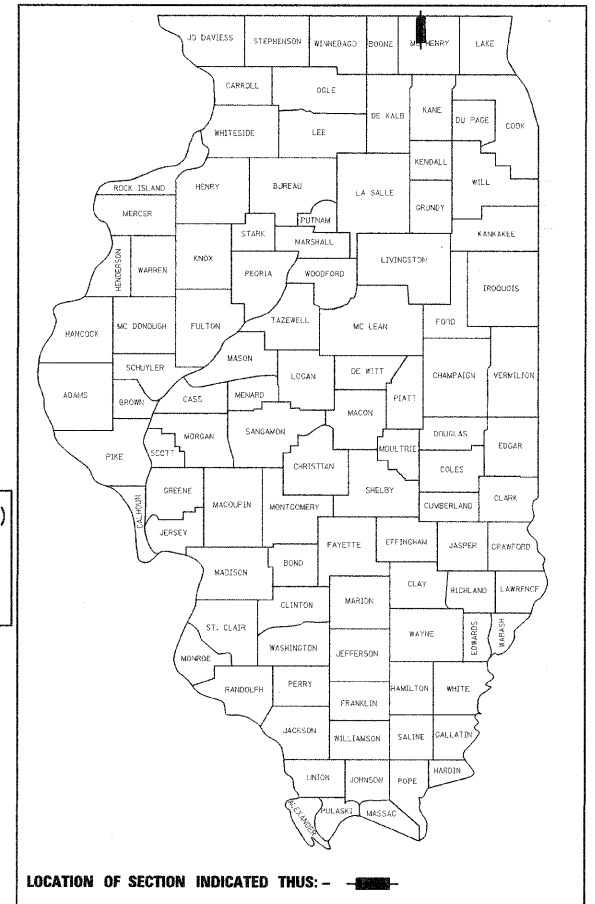
PLANS FOR PROPOSED FEDERAL AID HIGHWAY PROJECT

FAS ROUTE 0026 ALDEN ROAD
BRIDGE AND ROADWAY IMPROVEMENTS
SECTION 02-00269-00-BR
PROJECT BRS-0026(105)
MCHENRY COUNTY
JOB NO. C-91-318-02

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	1

D-91-318-02



LOCATION OF SECTION INDICATED THUS: —

PROJECT IS LOCATED IN
THE CITY OF ALDEN

EXISTING STRUCTURE NUMBER: 056-3005
PROPOSED STRUCTURE NUMBER: 056-3174

PROJECT BRS-0026 (105)
PROJECT ENDS
ALDEN ROAD
STATION 129+61

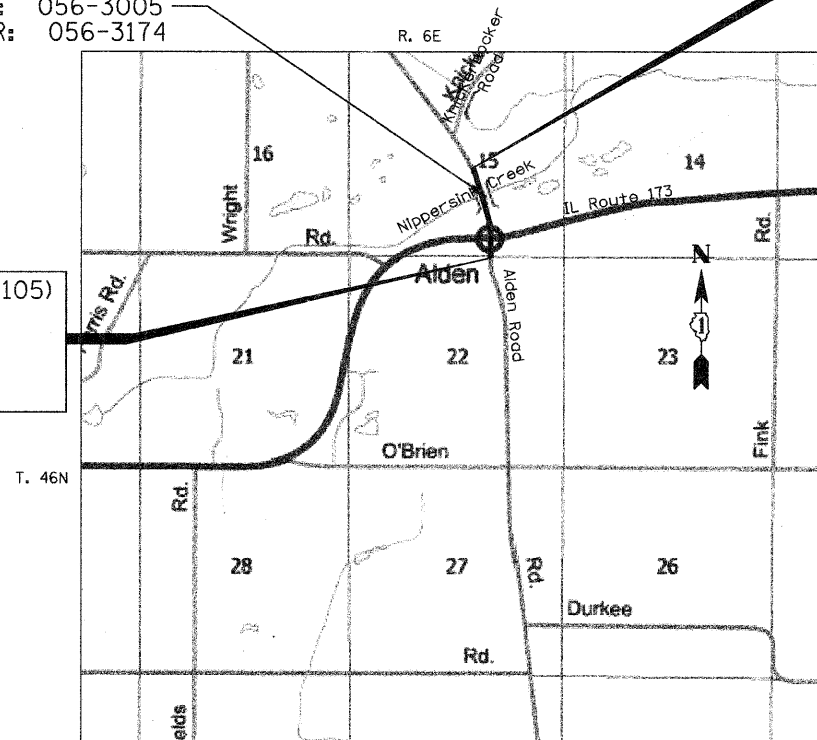
DESCRIPTION OF IMPROVEMENT

THIS IMPROVEMENT CONSISTS OF ROADWAY RECONSTRUCTION, BRIDGE RECONSTRUCTION, STORM SEWER AND DRAINAGE STRUCTURE ADJUSTMENTS AND INSTALLATION, LANDSCAPING, STRIPING, AND ALL INCIDENTAL AND COLLATERAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.

PROJECT BRS-0026 (105)
PROJECT BEGINS
ALDEN ROAD
STATION 106+25

DESIGN DESIGNATION

ALDEN ROAD:
2,025 (10) COLLECTOR
T.F. = 0.18 (FD-20)
DESIGN SPEED: 35 MPH
POSTED SPEED: 35 MPH

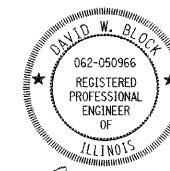


ALDEN TOWNSHIP

LOCATION MAP

NOT TO SCALE

PROJECT LENGTH (GROSS / NET)
ALDEN ROAD 2,336 FT (0.442 MILES)



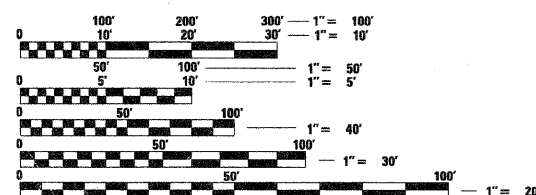
DAVID W. BLOCK, P.E.
NO. 062-050966
EXP. DATE 11/30/09



SARAH L. CZAPLICKI, P.E., S.E.
NO. 81-006191
EXP. DATE 11/30/2010

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	May 26, 2009 <i>Joseph R. Karpieski Jr.</i> MCHENRY COUNTY, COUNTY ENGINEER
PASSED	August 31, 2009 <i>Heidi Christensen</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	SEPTEMBER 1, 2009 <i>Diane M. O'Keefe</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



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

CONTRACT NO. 63212

IDOT FEDERAL AID DESIGN ENGINEER
KEVIN STALLWORTH 847/705-4169

1051 PERIMETER DRIVE, SUITE 1025
SCHAUMBURG, ILLINOIS 60173
(847) 605-9600

TransSystems

INDEX OF SHEETS				STATE STANDARDS			
SHEET NO.	SHEET DESCRIPTION	STD. NO.	DESCRIPTION				
1	COVER SHEET			STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS			
2	INDEX OF SHEETS, STATE STANDARDS	000001-05		AREAS OF REINFORCEMENT BARS			
3	GENERAL NOTES	001001-02		DECIMAL OF AN INCH AND OF A FOOT			
4-8	SUMMARY OF QUANTITIES	001006		TEMPORARY EROSION CONTROL SYSTEMS			
9-11	TYPICAL SECTIONS	280001-04		BRIDGE APPROACH PAVEMENT CONNECTOR			
12	SCHEDULE OF QUANTITIES	420401-07		CURB RAMPS FOR SIDEWALKS			
13	ALIGNMENT, TIES AND BENCHMARKS	424001-05		HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT			
14	REMOVAL PLAN	482001-02		NAME PLATE FOR BRIDGES			
15-19	PLAN AND PROFILE	515001-03		REINFORCED CONCRETE END SECTIONS FOR MULTIPLE (2 & 3) PIPE CULVERTS 15" (375 MM) THRU 36" (900 MM) DIA. AT RIGHT ANGLES WITH ROADWAY			
20	SIDEWALK PROFILES	542116-02		PRECAST REINFORCED CONCRETE FLARED END SECTION			
21	SUGGESTED TRAFFIC CONTROL PLANS - TYPICAL SECTIONS	542301-02		GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 MM) THRU 54" (1350 MM) PIPE)			
22	SUGGESTED TRAFFIC CONTROL PLANS - STAGE 1	542311-01		CONCRETE HEADWALL FOR PIPE DRAIN			
23-46	MOT STAGE I CROSS SECTIONS	601101-01		CATCH BASIN, TYPE A			
47	SUGGESTED TRAFFIC CONTROL PLANS - STAGE 2	602001-01		INLET, TYPE A			
48	SUGGESTED TRAFFIC CONTROL PLANS - STAGE 3	602301-02		INLET, TYPE B			
49-72	MOT STAGE II AND III CROSS SECTIONS	602306-02		MANHOLE, TYPE A			
73-75	EROSION AND SEDIMENT CONTROL PLANS	602401-02		MANHOLE TYPE A 1.8 M (6') DIAMETER			
76-80	DRAINAGE AND UTILITIES PLANS	602406-03		PRECAST REINFORCED CONCRETE FLAT SLAB TOP			
81-90	PLAT OF HIGHWAYS	602601-02		MANHOLE STEPS			
91	PAVEMENT MARKING AND SIGNING PLANS	602701-02		FRAME AND LIDS, TYPE 1			
92	LANDSCAPING PLANS	604001-03		GRATE TYPE 8			
93-114	STRUCTURAL PLANS	604036-02		FRAME AND GRATE, TYPE 24			
115	BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 M)	604091-02		CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER			
116	BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5 M)	606001-04		OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-15.60 (B-6.24)			
117	BD-03 OUTLET FOR CONCRETE CURB AND GUTTER	606006-02		STEEL PLATE BEAM GUARDRAIL			
118	BD-12 MANHOLE WITH RESTRICTOR PLATE	630001-08		PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL			
119	BD-32 BUTT JOINT AND HMA TAPER DETAILS	630201-06		SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS			
120	BD-51 BENCHING DETAIL FOR EMBANKMENT WIDENING	630301-05		TRAFFIC BARRIER TERMINAL, TYPE 6			
121	BM-20 PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	631031-07		TRAFFIC BARRIER TERMINAL, TYPE 11			
122	TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS	631051-02		REFLECTOR AND TERMINAL MARKER PLACEMENT			
123	TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)	635006-03		REFLECTOR MARKER AND MOUNTING DETAILS			
124	TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS	635011-02		RIGHT OF WAY MARKERS			
125	TC-22 ARTERIAL ROAD INFORMATION SIGNING	666001-01		LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS			
126	TC-26 DRIVEWAY ENTRANCE SIGNING	701301-03		LANE CLOSURE, 2L, 2W, BRIDGE REPAIR			
127	RECESSED PAVEMENT MARKER DETAIL	701321-10		URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED			
128	PROJECT DETAILS (SHEET 1 OF 2)	701501-05		URBAN LANE CLOSURE, MULTILANE INTERSECTION			
129	PROJECT DETAILS (SHEET 2 OF 2)	701701-06		LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE			
130-153	CROSS SECTIONS	701801-04		TRAFFIC CONTROL DEVICES			
		701901-01		TEMPORARY CONCRETE BARRIER			
		704001-05		SIGN PANEL MOUNTING DETAILS			
		720001-01		SIGN PANEL ERECTION DETAILS			
		720006-02		TELESCOPING STEEL SIGN SUPPORT			
		728001-01		BASE FOR TELESCOPING STEEL SIGN SUPPORT			
		731001-01		TYPICAL PAVEMENT MARKINGS			
		780001-02		SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION			
		880001-01		TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS			
		BLR21-8					
FILE NAME = g:\ch04\0083\road\Sheets\G-102-Index.shx				USER NAME = DEComun			
				DESIGNED - CEC			
				DRAWN - CEC			
				CHECKED - DWB			
				DATE - 08/25/2009			
				PLOT SCALE = 50,000 ft / IN.			
				PLOT DATE = 8/25/2009			
				STATE OF ILLINOIS			
				DEPARTMENT OF TRANSPORTATION			
				ALDEN ROAD			
				INDEX OF SHEETS AND STATE STANDARDS			
				NOT TO SCALE SHEET NO. OF SHEETS STA. TO STA.			
				F.A.S. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
				0026 02-00269-00-BR MCHENRY 153 2			
				CONTRACT NO. 63212			
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

GENERAL NOTES

COUNTY
COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE MCHENRY COUNTY DOT ENGINEER (815) 334-4960 AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE MCHENRY COUNTY DOT AT 815-334-4960 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN COUNTY LOCATIONS. THE CONTRACTOR SHALL PROVIDE THE COUNTY AND ENGINEER, PRIOR TO BEGINNING CONSTRUCTION, WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON THAT WILL BE AVAILABLE FOR QUICK RESPONSE FOR AFTER-HOURS EMERGENCIES. IF THAT PERSON DOES NOT RESPOND WITHIN 4 HOURS OF THE CALL, THEN THE COUNTY SHALL HIRE OR USE OTHER PERSONNEL TO REMEDY THE EMERGENCY AND DEDUCT ALL COSTS INCURRED FROM THE PAYMENTS DUE THE CONTRACTOR.

PUBLIC OR PRIVATE
UTILITIES:

THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE COUNTY DOES NOT GUARANTEE ITS ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH FACILITIES SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. THEIR FACILITIES MAY BE REQUIRED TO BE ADJUSTED OR RELOCATED.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. AT LEAST 48 HOURS NOTIFICATION IS REQUIRED. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL ALSO CALL THE "FIBER OPTIC HOT LINE" AT (800) 336-9193 FOR FIELD LOCATIONS OF FIBER OPTIC LINES. AT LEAST 48 HOURS NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY DUE TO THEIR NEGLIGENCE, AND SHALL RESTORE SUCH PROPERTY AT HIS/HER OWN EXPENSE.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. WHENEVER ENCOUNTERING FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATION, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES.

SPRINKLER SYSTEMS DAMAGED BY THE CONTRACTOR OR IN CONFLICT WITH THE PROPOSED IMPROVEMENT SHALL BE REPAIRED OR RELOCATED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS OR SPRINKLER SYSTEM MAINTENANCE CONTRACTORS TO DETERMINE REPAIR METHODS OR RELOCATION LIMITS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

DISPOSAL OF
MATERIALS:

THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIAL EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS, AT HIS/HER OWN EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE ON THE DAY IT IS EXCAVATED. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT.

EXISTING DRAINAGE
STRUCTURES:

DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED BY THE CONTRACTOR AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

MAINTAINING DRAINAGE:

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION (SPECIAL).

FRAMES AND GRATES:

FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. ALL FRAMES AND GRATES REMOVED FROM EXISTING SEWER STRUCTURES WHICH ARE TO BE REMOVED SHALL BECOME THE PROPERTY OF THE COUNTY. ALL OPEN LIDS SHALL HAVE "DUMP NO WASTE" & "DRAINS TO WATERWAYS" STAMPED ON THEM.

ANY REMOVED GRATES WHICH ARE DAMAGED OR BROKEN DURING HANDLING SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR SALVAGING EXISTING FRAMES AND GRATES, STOCKPILING ON THE JOB SITE, AND DELIVERING TO THE MAINTENANCE FACILITY OF MCHENRY COUNTY DOT. THE CONTRACTOR SHALL NOTIFY THE COUNTY 24 HOURS PRIOR TO DELIVERY.

TYPE 1 FRAME,
CLOSED LID:

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION OF ANY STORM SEWER MANHOLE SHALL HAVE THE WORD "STORM" CAST INTO THE LID.

SAW CUTS:

ALL SAW CUTS REQUIRED DUE TO CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL. ALL SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

DRIVEWAYS:

LOCAL ACCESS FOR RESIDENTS AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES DURING CONSTRUCTION OPERATIONS EXCEPT FOR A MAXIMUM PERIOD OF 4 CALENDAR DAYS AFTER NEW CONCRETE CURB, DRIVEWAY PAVEMENT OR SIDEWALK IS POURED. RESIDENTS AND BUSINESSES SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO ANY DRIVEWAY CLOSURE.

BLANDING'S TURTLE:

INFORMATION IN REGARD TO THE ENDANGERED BLANDING'S TURTLE, WHICH HAS KNOWN HABITAT ADJACENT TO THE CONSTRUCTION SITE SHALL BE DISTRIBUTED TO ALL CONSTRUCTION PERSONNEL. ALL PERSONNEL SHALL SEEK TO AVOID INTERACTION WITH THE TURTLE.

NOTE: BOXED ITEMS ARE INCIDENTAL ITEMS.

MAILBOXES AND
SIGN INVENTORIES:

A PAY ITEM HAS BEEN INCLUDED FOR PRECONSTRUCTION VIDEO TAPING. THIS SHALL INCLUDE VIDEOTAPING THE MAILBOXES AND SIGNS. ANY MAILBOXES OR SIGNS WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

STEEL BAR
CERTIFICATION:

FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT 847-705-4363.

EXISTING UNDERDRAINS:

ANY UNDERDRAINS ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED AND THE REMOVAL SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.

FILE NAME =
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USER NAME = CEC001n

DESIGNED - SDC

REVISED -

DRAWN - CEC

REVISED -

PLOT SCALE = 50.0000 ft / IN.

CHECKED - DWB

REVISED -

PLOT DATE = 5/31/2009

DATE - 05/29/2009

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALDEN ROAD
GENERAL NOTES

SCALE:

SHEET NO. 1 OF 1 SHEETS

STA.

TO STA.

F.A.S.
RTE.

0026

SECTION

02-00269-00-BR

COUNTY

MCHENRY

TOTAL
SHEETS

153

SHEET
NO.

3

CONTRACT NO. 63212

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				I000-2A ROADWAY STA 116+00 TO STA 129+61 80% HBP 20% COUNTY	I000-2A ROADWAY STA 106+25 TO STA 116+00 100% COUNTY	X081-2A BRIDGE S.N. 056-3174 80% HBP 20% COUNTY
CODE NO	PAY ITEM	UNIT	QUANTITY			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	184	184		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	130	104	26	
20101000	TEMPORARY FENCE	FOOT	800	360	440	
* 20101200	TREE ROOT PRUNING	EACH	20	9	11	
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4		
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	16	5	11	
20200100	EARTH EXCAVATION	CU YD	5,610	3,192	2,418	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,187	777	410	
20300100	CHANNEL EXCAVATION	CU YD	321			321
20400800	FURNISHED EXCAVATION	CU YD	572	456	116	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	142			142
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	278	135	143	
20800150	TRENCH BACKFILL	CU YD	879	644	235	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	822	396	426	
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	9,280	7,051	2,229	
* 25000312	SEEDING, CLASS 4A	ACRE	0.8	0.8		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	125	97	28	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	125	97	28	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	125	97	28	
* 25000775	SELECTIVE MOWING STAKES	EACH	4	4		
* 25100630	EROSION CONTROL BLANKET	SQ YD	3,895	3,895		
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	74	74		
* 25200110	SODDING, SALT TOLERANT	SQ YD	4,079	1,850	2,229	
* 25200200	SUPPLEMENTAL WATERING	UNIT	120	87	33	
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	166	120	46	
28000300	TEMPORARY DITCH CHECKS	EACH	25	25		
28000400	PERIMETER EROSION BARRIER	FOOT	4,950	3,465	1,485	
28000500	INLET AND PIPE PROTECTION	EACH	18	8	10	
28000510	INLET FILTERS	EACH	44	19	25	
28100105	STONE RIPRAP, CLASS A3	SQ YD	23	23		
28100107	STONE RIPRAP, CLASS A4	SQ YD	484	33	12	439
28200200	FILTER FABRIC	SQ YD	705	72	17	616
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,463	1,990	1,473	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	341	166	175	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	28	13	15	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES				I000-2A ROADWAY STA 116+00 TO STA 129+61 80% HBP 20% COUNTY	I000-2A ROADWAY STA 106+25 TO STA 116+00 100% COUNTY	X081-2A BRIDGE S.N. 056-3174 80% HBP 20% COUNTY
CODE NO	PAY ITEM	UNIT	QUANTITY			
40600300	AGGREGATE (PRIME COAT)	TON	14	7	7	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	90	47	43	
40701841	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"	SQ YD	6,928	3,424	3,504	
42001300	PROTECTIVE COAT	SQ YD	2,800	1,138	1,662	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	46	46		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	227	186	41	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	59		59	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,764	4,075	7,689	
42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	52	52		
42400800	DETECTABLE WARNINGS	SQ FT	107		107	
44000100	PAVEMENT REMOVAL	SQ YD	7,149	4,023	3,126	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	777	406	371	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	976	323	653	
44000300	CURB REMOVAL	FOOT	19	19		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,760	913	847	
44000600	SIDEWALK REMOVAL	SQ FT	8,141	2,143	5,998	
44004000	PAVED DITCH REMOVAL	FOOT	119	119		
44004250	PAVED SHOULDER REMOVAL	SQ YD	278	61	217	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	249	249		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	624	624		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1
50104400	CONCRETE HEADWALL REMOVAL	EACH	2		2	
50105220	PIPE CULVERT REMOVAL	FOOT	238	115	123	
50200100	STRUCTURE EXCAVATION	CU YD	304			304
50300225	CONCRETE STRUCTURES	CU YD	64.3			64.3
50300254	RUBBED FINISH	SQ FT	1,423			1,423
50300255	CONCRETE SUPERSTRUCTURE	CU YD	224.9			224.9
50300260	BRIDGE DECK GROOVING	SQ YD	507			507
50300300	PROTECTIVE COAT	SQ YD	629			629
50400805	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 36 IN.	FOOT	398			398
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	58,530			58,530
50800515	BAR SPLICERS	EACH	503			503
50901125	STEEL RAILING (TEMPORARY)	FOOT	30			30
51200958	FURNISHING METAL SHELL PILES 14" X 0.250"	FOOT	840			840

▪ SPECIALTY ITEM

FILE NAME = g:\CH04\0083\Road\Sheets\G-104-Sum01.qsh	USER NAME = CECmun	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALDEN ROAD SUMMARY OF QUANTITIES	SHEET NO. 2 OF 5 SHEETS	STA. TO STA.	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CEC	REVISED -					0026	02-00269-00-BR	MCHENRY	153	5
		CHECKED - DWB	REVISED -					CONTRACT NO. 63212				
		DATE - 08/25/2009	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				I000-2A ROADWAY STA 116+00 TO STA 129+61 80% HBP 20% COUNTY	I000-2A ROADWAY STA 106+25 TO STA 116+00 100% COUNTY	X081-2A BRIDGE S.N. 056-3174 80% HBP 20% COUNTY
CODE NO	PAY ITEM	UNIT	QUANTITY			
51202305	DRIVING PILES	FOOT	840			840
51203200	TEST PILE METAL SHELLS	EACH	2			2
51204650	PILE SHOES	EACH	14			14
51205200	TEMPORARY SHEET PILING	SQ FT	1,436			1,436
51500100	NAME PLATES	EACH	1			1
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	3	1	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1		1	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1		1	
54215400	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS	EACH	1		1	
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1		1	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	138	38	100	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	812	374	438	
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	134	46	88	
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	94	94		
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	4		4	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	748	570	178	
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	160	160		
55100500	STORM SEWER REMOVAL 12"	FOOT	466		466	
55100700	STORM SEWER REMOVAL 15"	FOOT	44	44		
55100900	STORM SEWER REMOVAL 18"	FOOT	92	92		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	78			78
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	1	1		
60100915	PIPE DRAINS 6"	FOOT	39	39		
60107600	PIPE UNDERDRAINS 4"	FOOT	977	737	240	
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	126			126
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1	
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	20	9	11	
60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	7	1	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	10	3	7	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3	1	2	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	3	3		

• SPECIALTY ITEM

FILE NAME = g:\CH04\0803\Road\Sheets\IG-104-SumQty.shx	USER NAME = CEComan	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALDEN ROAD SUMMARY OF QUANTITIES	F.A.S. RTE. 0026	SECTION 02-00269-00-BR	COUNTY MCHENRY	TOTAL SHEETS 153	SHEET NO. 6											
		DRAWN - CEC	REVISED -																		
		CHECKED - DWB	REVISED -																		
		DATE = 08/25/2009	REVISED -																		
	PLOT SCALE = 50.0000 ft / IN.					SHEET NO. 3 OF 5 SHEETS					STA. TO STA.										
PLOT DATE = 8/25/2009					DATE = 08/25/2009					REVISED =											
CONTRACT NO. 63212											FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES				1000-2A ROADWAY STA 116+00 TO STA 129+61 80% HBP 20% COUNTY	1000-2A ROADWAY STA 106+25 TO STA 116+00 100% COUNTY	X081-2A BRIDGE S.N. 056-3174 80% HBP 20% COUNTY
CODE NO	PAY ITEM	UNIT	QUANTITY			
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	2		
60500060	REMOVING INLETS	EACH	5		5	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4.2	4.2		
60600605	CONCRETE CURB, TYPE B	FOOT	128		128	
60601005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	10	10		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,465	1,527	1,938	
• 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A 6 FT POSTS	FOOT	37.5	37.5		
• 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
• 63100110	TRAFFIC BARRIER TERMINAL, TYPE 11	EACH	2	2		
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	106	106		
• 63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	32	32		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	5	3	
67100100	MOBILIZATION	L SUM	1	1		
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	750	297	453	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	26,476	14,274	12,202	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	160	40	120	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,076	1,163	913	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	245	245		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	227	227		
• 72000100	SIGN PANEL - TYPE 1	SQ FT	87	24	63	
• 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	14	5	9	
• 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	1	1	
• 72800105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	186	79	107	
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8,445	4,280	4,165	
• 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	369		369	
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	263	15	248	
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	56		56	
• 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	472	472		
• 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	2	2		
• 78200405	GUARDRAIL MARKERS	EACH	8	8		
• 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	186	95	91	
• 85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	1		1	

• SPECIALTY ITEM

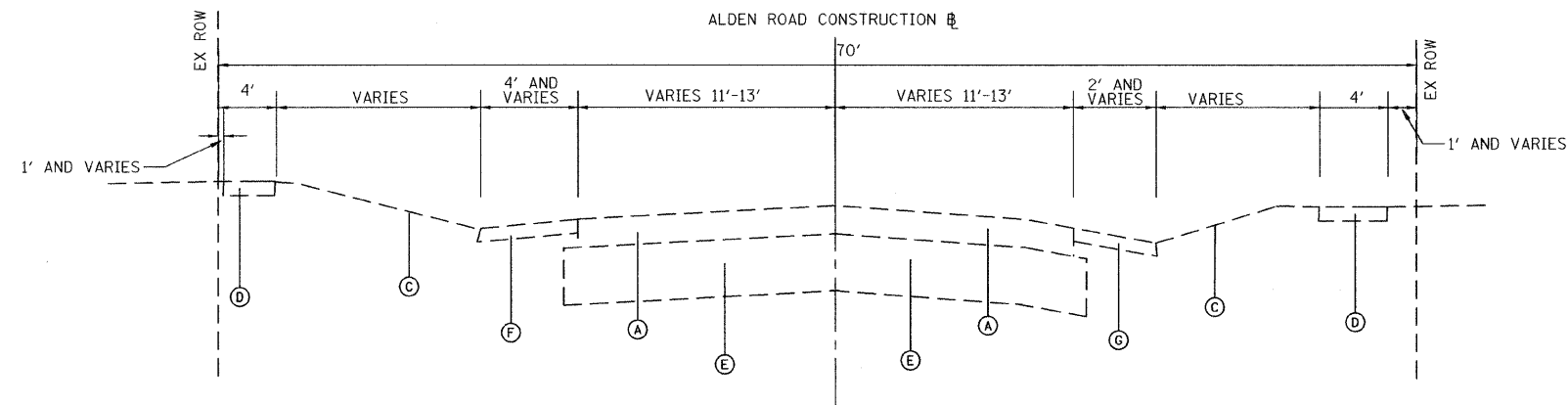
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		DRAWN - CEC	REVISED -					0026	02-00269-00-BR	MCHENRY	153	7
		CHECKED - DWB	REVISED -					CONTRACT NO. 63212				
		DATE - 08/25/2009	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				I000-2A ROADWAY STA 116+00 TO STA 129+61 80% HBP 20% COUNTY	I000-2A ROADWAY STA 106+25 TO STA 116+00 100% COUNTY	X081-2A BRIDGE S.N. 056-3174 80% HBP 20% COUNTY
CODE NO	PAY ITEM	UNIT	QUANTITY			
• 89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1		1	
• A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
• A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
• A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
• A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
• A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	1	1	
• A2015990	TREE, FAGUS SYLVATICA, EUROPEAN BEECH, 1-1/2" BALLED AND BURLAPPED	EACH	1	1		
• B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM, BALLED AND BURLAPPED	EACH	3	3		
X0300057	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	2	1	
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	490	201	289	
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	88	38	50	
• X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	200	120	80	
• X0325841	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH	FOOT	40	40		
X0325862	CONCRETE BRIDGE RAILING	FOOT	200			200
X0712400	TEMPORARY PAVEMENT	SQ YD	3,737	2,175	1,562	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	23	12	11	
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	2	2	
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	2	2	
X6050700	REMOVE INLET BOX	EACH	2	2		
• X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1	1		
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1	1		
• B2000122	TREE, ACER TATARICUM (TATARIAN MAPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2	2		
• XX006257	RECESSED REFLECTIVE PAVMENT MARKER	EACH	37	25	12	
XX006646	TREATMENT STRUCTURES	EACH	2	2		
XX006852	EXPLORATION TRENCH (SPECIAL)	CU YD	64	40	24	
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	8,333	4,055	4,278	
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2		
Z0030340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2		
Z0004900	BITUMINOUS MIXTURE FOR PATCHING POTHOLES (HOT MIX)	TON	5	3	2	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0019600	DUST CONTROL WATERING	UNIT	25	15	10	
Z0022800	FENCE REMOVAL	FOOT	221	221		
Z0066400	STABILIZED DRIVEWAYS 6"	SQ YD	1,240	721	519	
Z0073351	TEMPORARY SLAB SUPPORT SYSTEM	L SUM	1			1
△ Z0076600	TRAINEES	hour	500	500		

△ Y080

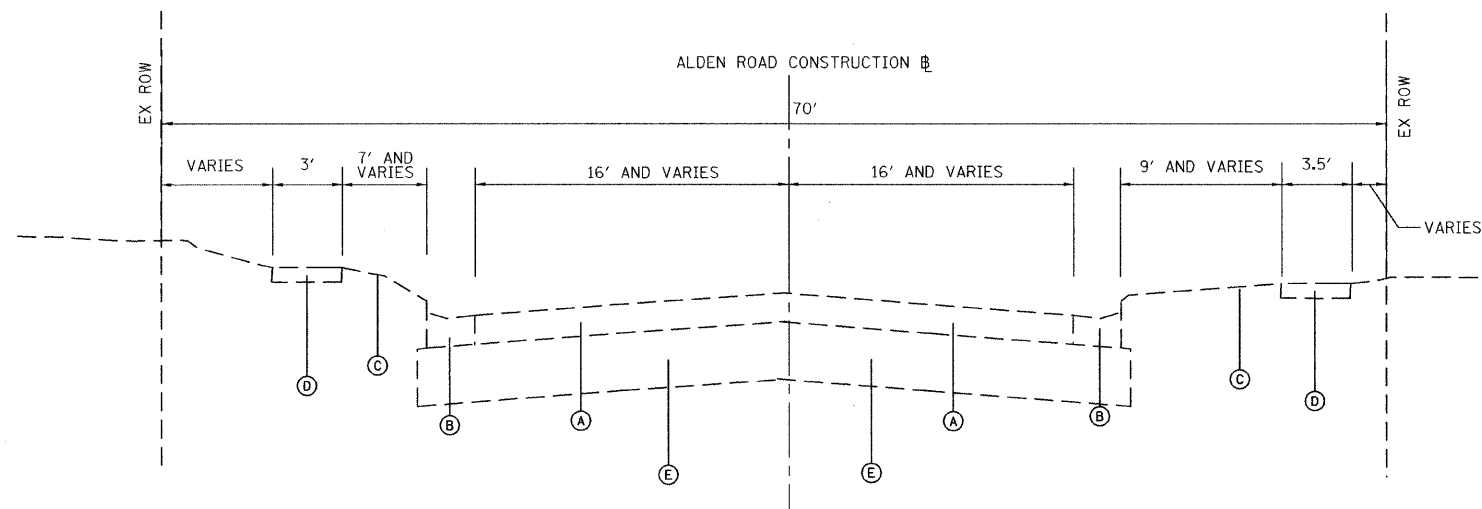
• SPECIALTY ITEM

FILE NAME =	USER NAME = CECComr	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALDEN ROAD SUMMARY OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\CH04\0083\Road\Sheet to\G-184-SumQty.sht		DRAWN - CEC	REVISED -						0026	02-00269-00-BR	MCHENRY	153	8
	PLOT SCALE = 50.0000 ft / IN.	CHECKED - DWB	REVISED -		CONTRACT NO. 63212								
	PLOT DATE = 8/27/2009	DATE - 08/25/2009	REVISED -										
					SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



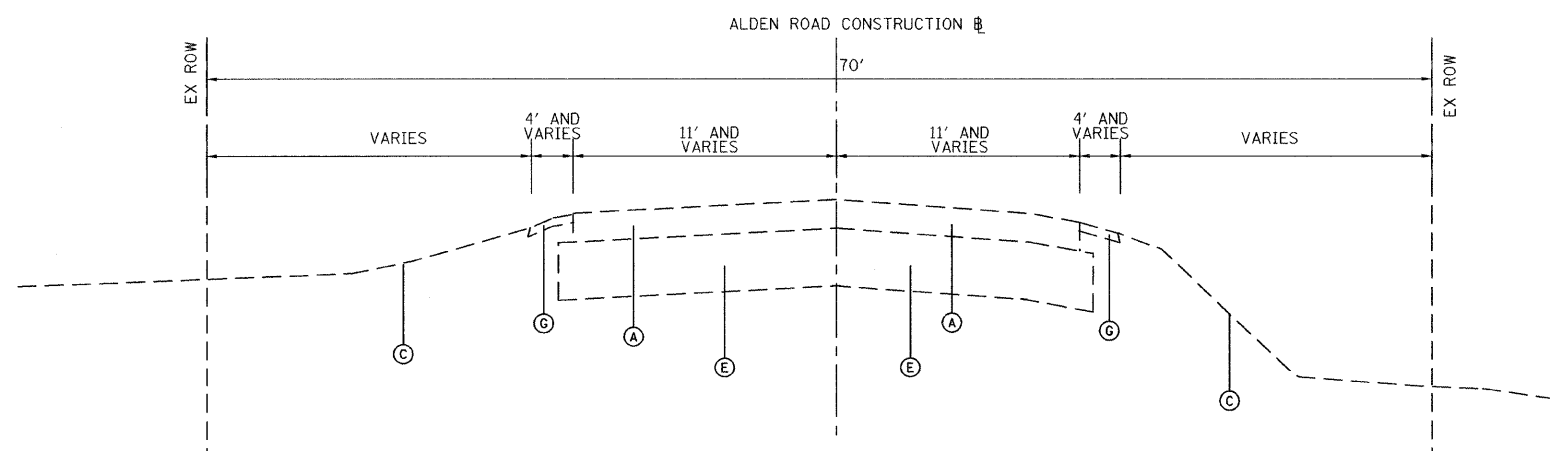
EXISTING TYPICAL SECTION

ALDEN ROAD
STATION 106+25 TO 111+86.87



EXISTING TYPICAL SECTION

ALDEN ROAD
STATION 112+13.64 TO 120+30



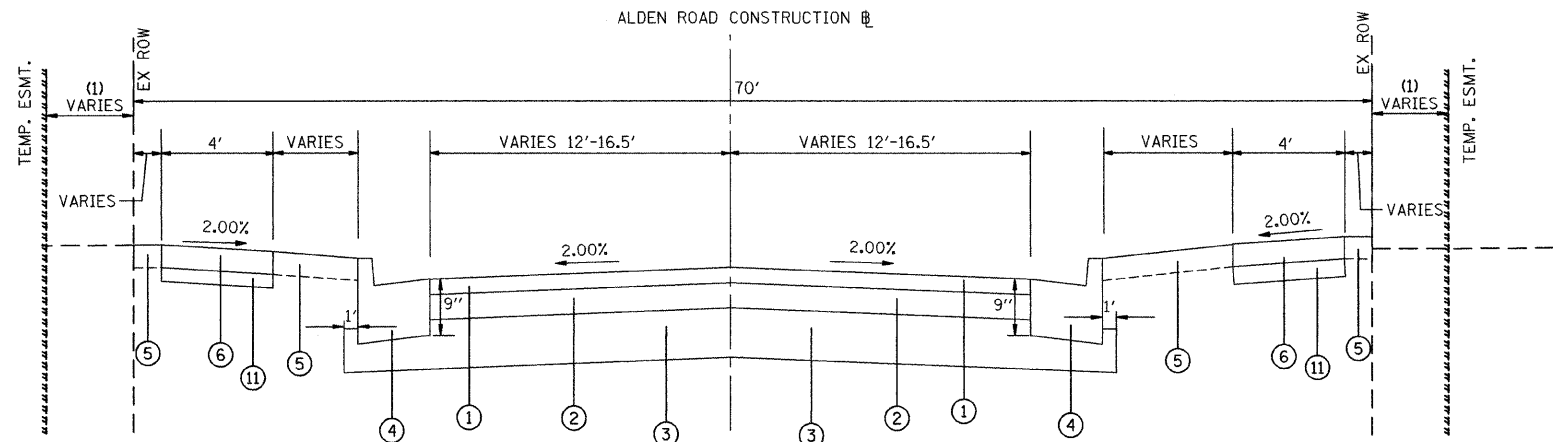
EXISTING TYPICAL SECTION

ALDEN ROAD
STATION 120+30 TO 129+61

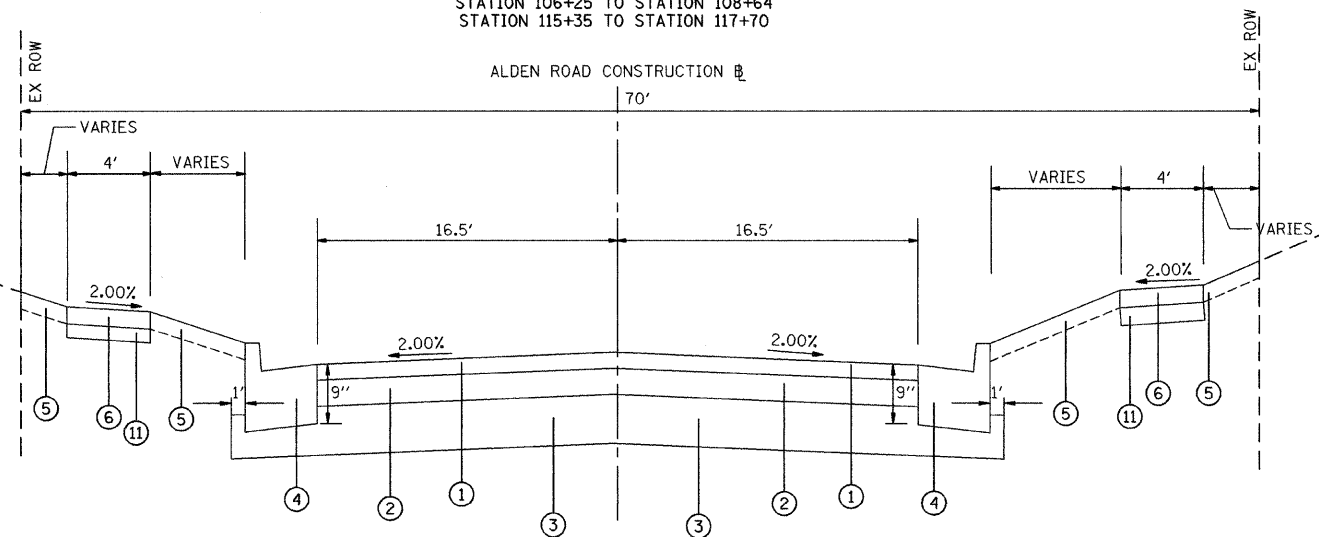
EXISTING LEGEND

- (A) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (3' TO 6' VARIES) (TO BE REMOVED AND PAID FOR AS PAVEMENT REMOVAL)
- (B) GUTTER (TO BE REMOVED AND PAID FOR AS COMBINATION CURB & GUTTER REMOVAL)
- (C) GROUND SURFACE (ASSUME EXISTING TOPSOIL DEPTH 4'')
- (D) PORTLAND CEMENT CONCRETE SIDEWALK (5') (TO BE REMOVED AS P.C.C. SIDEWALK REMOVAL)
- (E) AGGREGATE BASE COURSE (6" TO 12") (TO BE REMOVED AND PAID FOR AS EARTH EXCAVATION) (AS SHOWN ON CROSS-SECTION)
- (F) HMA SHOULDER (TO BE REMOVED AND PAID FOR AS PAVED SHOULDER REMOVAL) (AS SHOWN ON CROSS-SECTION)
- (G) AGGREGATE SHOULDER (TO BE REMOVED AND PAID FOR AS EARTH EXCAVATION) (AS SHOWN ON CROSS-SECTION)

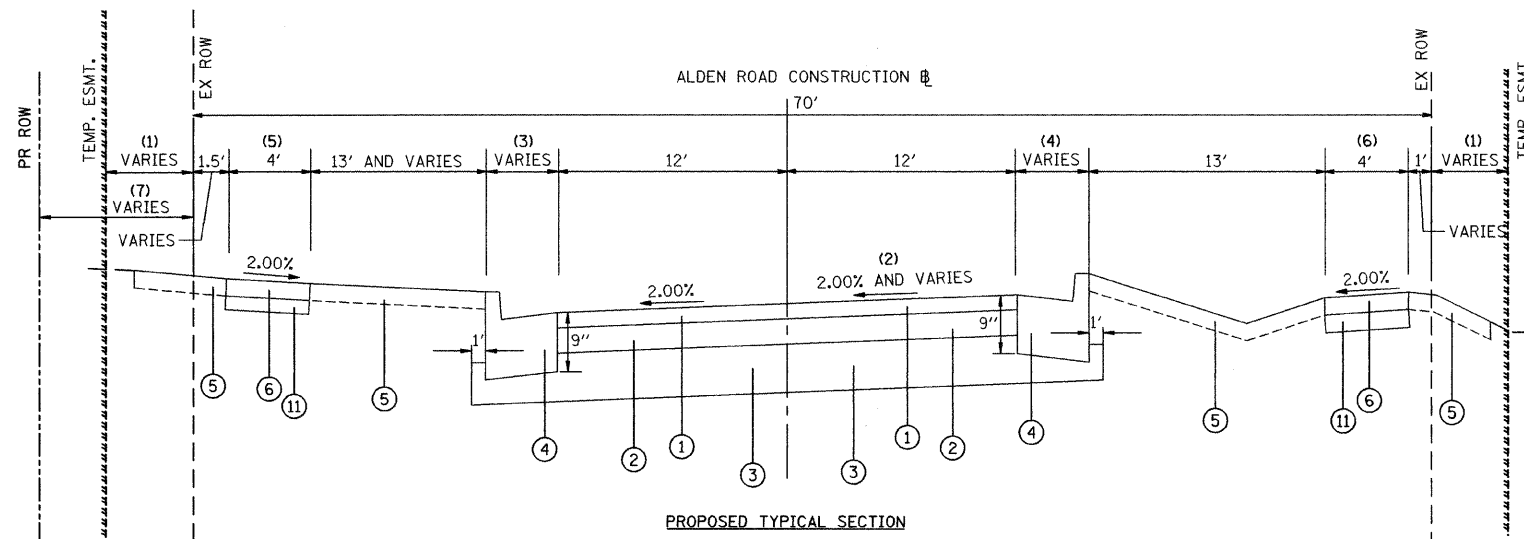
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		DRAWN - CEC	REVISED -							
	PLOT SCALE = 50.0000 Ft / IN.	CHECKED - DWB	REVISED -							
	PLOT DATE = 5/31/2009	DATE - 05/29/2009	REVISED -							
	NOT TO SCALE SHEET NO. 1 OF 3 SHEETS STA. TO STA.					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 63212				



PROPOSED TYPICAL SECTION
ALDEN ROAD RECONSTRUCTION
STATION 106+25 TO STATION 108+64
STATION 115+35 TO STATION 117+70



PROPOSED TYPICAL SECTION
ALDEN ROAD RECONSTRUCTION
STATION 108+64 TO 111+86.87
STATION 112+13.64 TO 115+35.00



PROPOSED TYPICAL SECTION
ALDEN ROAD RECONSTRUCTION
STATION 117+70 TO 121+75

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70-2" (PAID FOR AS HMA PAVEMENT (FULL DEPTH) 8")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-6" (PAID FOR AS HMA PAVEMENT (FULL DEPTH) 8") (IN 2 LIFTS)
- ③ AGGREGATE SUBGRADE, 12"
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ TOPSOIL FURNISH AND PLACE, 6" SODDING, SALT TOLERANT
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑦ HOT-MIX ASPHALT SHOULDER, 6" (IN 2 LIFTS)
- ⑧ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑨ AGGREGATE SHOULDER, 6"
- ⑩ SEEDING, CLASS 4A TOPSOIL FURNISH AND PLACE, 6"
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B 4"

NOTES

- (1) SEE PLAN SHEETS FOR LOCATIONS OF TEMPORARY EASEMENTS
- (2) SUPERELEVATION TRANSITION STA 117+70 TO 118+50. SEE PLAN SHEETS FOR MORE INFORMATION.
- (3) TYPE B-6.24 CURB AND GUTTER ENDS AT STA 120+88 AND HMA SHOULDER, 6" BEGINS AT STA 121+15 LT
- (4) HMA SHOULDER, 6" BEGINS STA 121+62 RT
- (5) SIDEWALK ENDS, STA 119+47 LT
- (6) SIDEWALK ENDS, STA 121+75 RT
- (7) SEE PLAN SHEETS FOR LOCATIONS OF PROPOSED RIGHT OF WAY

HMA MIX REQUIREMENT CHART

MIXTURE TYPE	AIR VOID
HMA PAVEMENT (FULL DEPTH) 8" & BRIDGE APPROACH PAVEMENT CONNECTOR*	
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2"	4% @ 70 GYRATIONS
HMA BINDER COURSE, IL-19.0, N70, 6"	4% @ 70 GYRATIONS
STABILIZED DRIVEWAYS 6"	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5mm) 2"	4% @ 50 GYRATIONS
*HMA BASE COURSE (HMA BINDER IL - 19mm) 4"	4% @ 50 GYRATIONS
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 2" (TEMPORARY PAVEMENT)	4% @ 50 GYRATIONS
HMA BINDER COURSE (IL - 19mm) 4" (TEMPORARY PAVEMENT)	4% @ 50 GYRATIONS
HMA SHOULDERS, 6"	2% @ 30 GYRATIONS
HMA BASE COURSE (BITUMINOUS MIXTURE FOR PATCHING POTHoles) 6"	4% @ 70 GYRATIONS

NOTES: 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN
2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

*THE THICKNESS OF THE CONNECTOR PAVEMENT SHALL CONSIST OF 2" OF SURFACE OVER A VARIABLE DEPTH OF BINDER FROM 6" AT THE PROPOSED PAVEMENT TO 13" AT THE BRIDGE APPROACH PAVEMENT.

ALDEN ROAD

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
PV= 2,328 SU= 36 MU= 36
ROAD/STREET CLASSIFICATION: CLASS II
TRAFFIC FACTOR: ACTUAL TF= 0.18 AC TYPE= PG 64-28
THICKNESS BINDER= 6" SURFACE= 2"
SUBGRADE SUPPORT RATING: SSR= POOR

FILE NAME = g:\ch04\0003\road\Sheets\G-100-Typ2.sht

USER NAME = CEComn

PLOT SCALE = 50.0000 Ft / IN.

PLOT DATE = 9/28/2009

DESIGNED - RPJ

DRAWN - RPJ

CHECKED - DWB

DATE - 09/28/2009

REVISED -

REVISED -

REVISED -

REVISED -

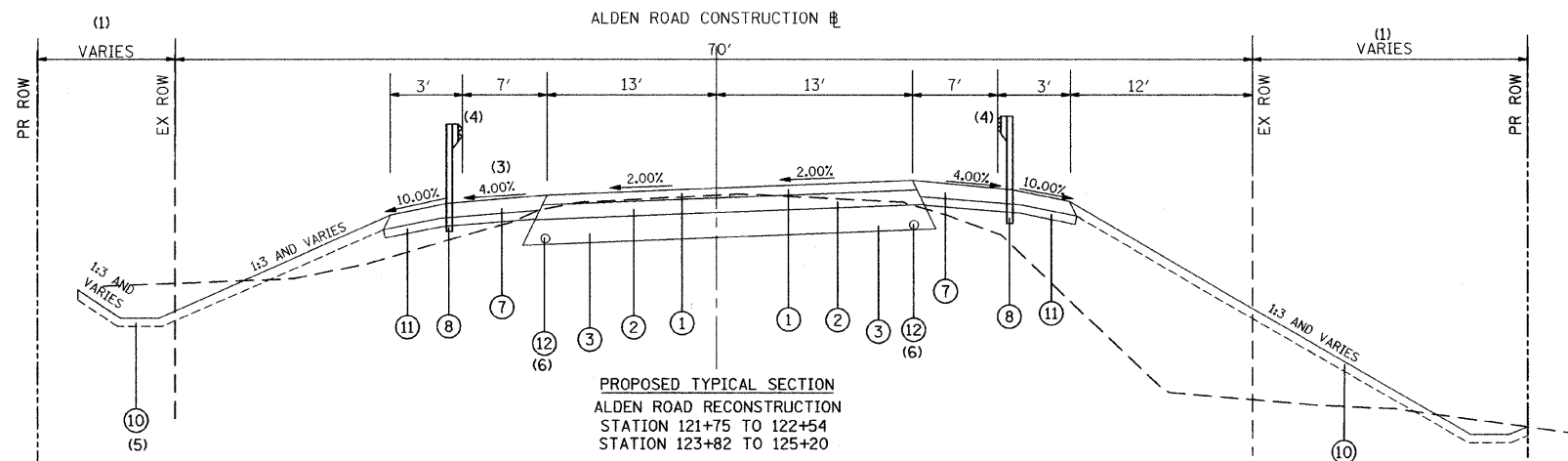
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALDEN ROAD
PROPOSED TYPICAL SECTIONS

NOT TO SCALE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	10
CONTRACT NO. 63212				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

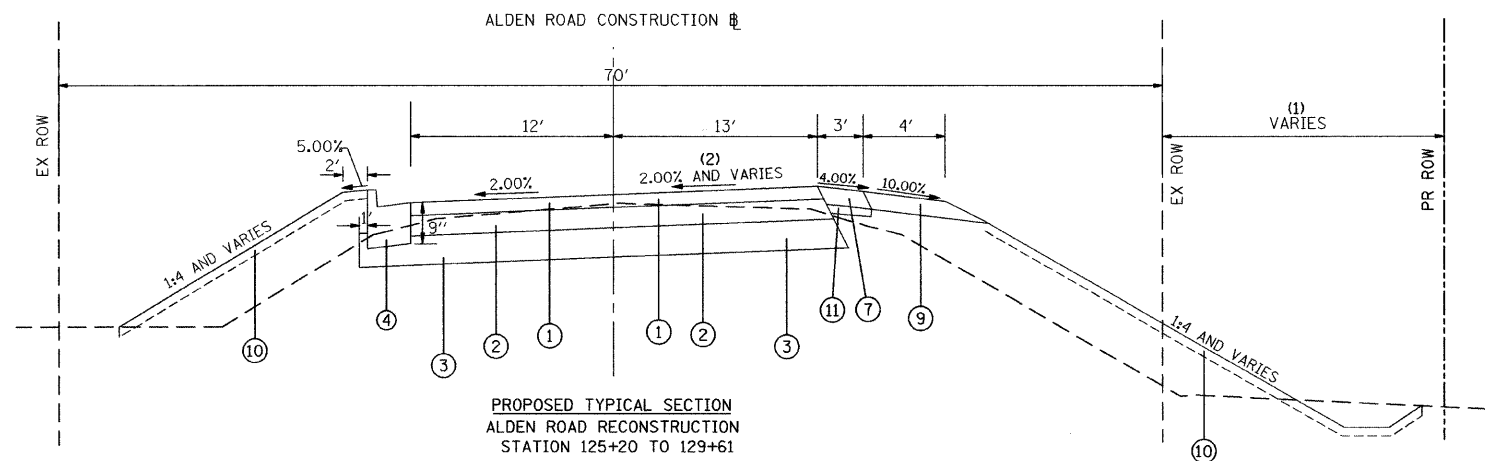


PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70-2" (PAID FOR AS HMA PAVEMENT (FULL DEPTH) 8")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-6" (PAID FOR AS HMA PAVEMENT (FULL DEPTH) 8") (IN 2 LIFTS)
- ③ AGGREGATE SUBGRADE, 12"
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ TOPSOIL FURNISH AND PLACE, 6" SODDING, SALT TOLERANT
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑦ HOT-MIX ASPHALT SHOULDER, 6" (IN 2 LIFTS)
- ⑧ STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑨ AGGREGATE SHOULDERS, TYPE B 6"
- ⑩ SEEDING, CLASS 4A TOPSOIL FURNISH AND PLACE, 6" EROSION CONTROL BLANKET HEAVY DUTY EROSION CONTROL BLANKET ON SLOPES STEEPER THAN 3:1
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑫ PIPE UNDERDRAINS 4"

NOTES

- (1) SEE PLAN SHEETS FOR LOCATIONS OF PROPOSED RIGHT OF WAY
- (2) SUPERELEVATION TRANSITION STA 128+80 TO 129+60. SEE PLAN SHEETS FOR MORE INFORMATION.
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 BEGINS STA 124+87
- (4) SEE PLANS FOR GUARD RAIL LOCATIONS.
- (5) SEE LANDSCAPE PLAN FOR TRANSITION FROM SEEDING TO SODDING
- (6) SEE PLANS FOR PIPE UNDERDRAIN 4" LOCATIONS



FILE NAME = g:\ch04\0083\road\Sheets\0-189-Typ3.sht	USER NAME = CEComan	DESIGNED - RPJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALDEN ROAD PROPOSED TYPICAL SECTIONS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000 ft / IN.	CHECKED - DWB	REVISED -						0026	02-00269-00-BR	MCHENRY	153	11
	PLOT DATE = 5/31/2009	DATE - 05/29/2009	REVISED -		CONTRACT NO. 63212								
					NOT TO SCALE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOCATION	REM AND DISP OF UNSUITABLE MATERIAL (TOPSOIL STRIPPING) (CU YD)				EARTH EXCAVATION (CU YD)				EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)				EMBANKMENT (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)			
	PRE-STAGE	STAGE I	STAGE II	STAGE III	PRE-STAGE	STAGE I	STAGE II	STAGE III	PRE-STAGE	STAGE I	STAGE II	STAGE III	PRE-STAGE	STAGE I	STAGE II	STAGE III	PRE-STAGE	STAGE I	STAGE II	STAGE III
	I RT.	LT.	RT. PROP.	LT. PROP.	I RT.	LT.	RT. PROP.	LT. PROP.	I RT.	LT.	RT. PROP.	LT. PROP.	I RT.	LT.	RT. PROP.	LT. PROP.	I RT.	LT.	RT. PROP.	LT. PROP.
SOUTH END TO ILLINOIS 173	86	98	20	11	27	646	839	125	23	549	713	106	117	126	15	32	-94	+423	+699	+74
ILLINOIS 173 TO STA. 116+00	17	23	11	3	25	351	386	19	22	299	328	17	18	18	21	38	+4	+280	+307	-22
STA. 116+00 TO BRIDGE	29	137	42	7	61	869	802	108	52	739	682	92	64	270	216	149	-12	+469	+465	-57
BRIDGE TO STA. 129+61	141	135	115	36	36	432	768	117	30	367	653	99	408	295	386	109	-377	+72	+266	-10
TOTAL	272	394	187	57	149	2,298	2,795	369					607	709	638	328	-483	+1,244	+1,738	-89

EARTHWORK SUMMARY OF QUANTITIES	PRE-STAGE				
	1 RT.	STAGE 1 LT.	STAGE 2	STAGE 3	TOTAL
EARTH EXCAVATION	149	2,298	2,795	369	5,610
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	272	394	187	57	909*
EMBANKMENT	607	709	638	328	2,283
FURNISHED EXCAVATION	483	-	-	89	572

* REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS FROM ESTIMATED UNDERCUTTING IS 278 CU YD. IN ADDITION TO THE 909 CU YD IN THE TABLE ABOVE THE TOTAL QUANTITY EQUALS 1,187 CU YD.

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

INLET & PIPE PROTECTION

STA.	OFFSET	LT/RT
106+75.0	30.0'	RT
106+79.5	25.2'	RT
108+00.0	25.7'	RT
108+00.0	26.5'	LT
109+00.0	25.4'	LT
109+00.0	24.0'	RT
109+50.0	24.8'	RT
110+86.0	24.4'	RT
114+40.0	26.0'	RT
115+50.0	22.3'	RT
118+90.0	33.0'	RT
119+50.0	30.1'	RT
120+25.0	33.0'	RT
120+90.0	26.0'	RT
121+10.0	24.4'	LT
121+61.0	26.0'	RT
122+25.0	31.5'	RT
125+00.0	29.5'	LT
TOTAL	18 EACH	

CONCRETE HEADWALL REMOVAL

STA.	OFFSET	LT/RT
110+55.0	20.4'	RT
110+80.0	23.4'	RT
TOTAL	2 EACH	

PIPE CULVERT REMOVAL

FROM STA.	TO STA.	LT/RT	LENGTH
106+78	107+06	RT/LT	49'
106+80	107+08	RT/LT	49'
110+55	110+80	RT	25'
121+72	122+10	RT	38'
122+55	122+91	RT	37'
124+54	124+95	LT	40'
TOTAL			238'

CONCRETE CURB, TYPE B

FROM STA.	TO STA.	LT/RT	LENGTH
112+17	112+25	LT	8'
112+23	112+36	RT	80'
112+75	112+84	RT	20'
113+19	113+28	RT	20'
TOTAL			128'

CONCRETE CURB, TYPE B (SPECIAL)

FROM STA.	TO STA.	LT/RT	LENGTH
119+06	119+06	RT	10'

TEMPORARY INFORMATION SIGNING

STA./ADDRESS	# OF SIGNS	AREA (SF)
SOUTH OF RCA SIGN	1*	25.7
104+78 RT	2**	12.5
104+83 LT	2**	12.5
9020	2**	12.5
9013	4(2 DWAYS)**	25.0
9014	2**	12.5
9017	2**	12.5
9018	2**	12.5
9103	2**	12.5
9110	2**	12.5
9109	2**	12.5
16421	2**	12.5
16420	2**	12.5
WEST OF EB RCA ON IL 173	1*	25.7
EAST OF WB RCA ON IL 173	1*	25.7
9204	2**	12.5
9203	2**	12.5
9206	2**	12.5
9205/9209	2**	12.5

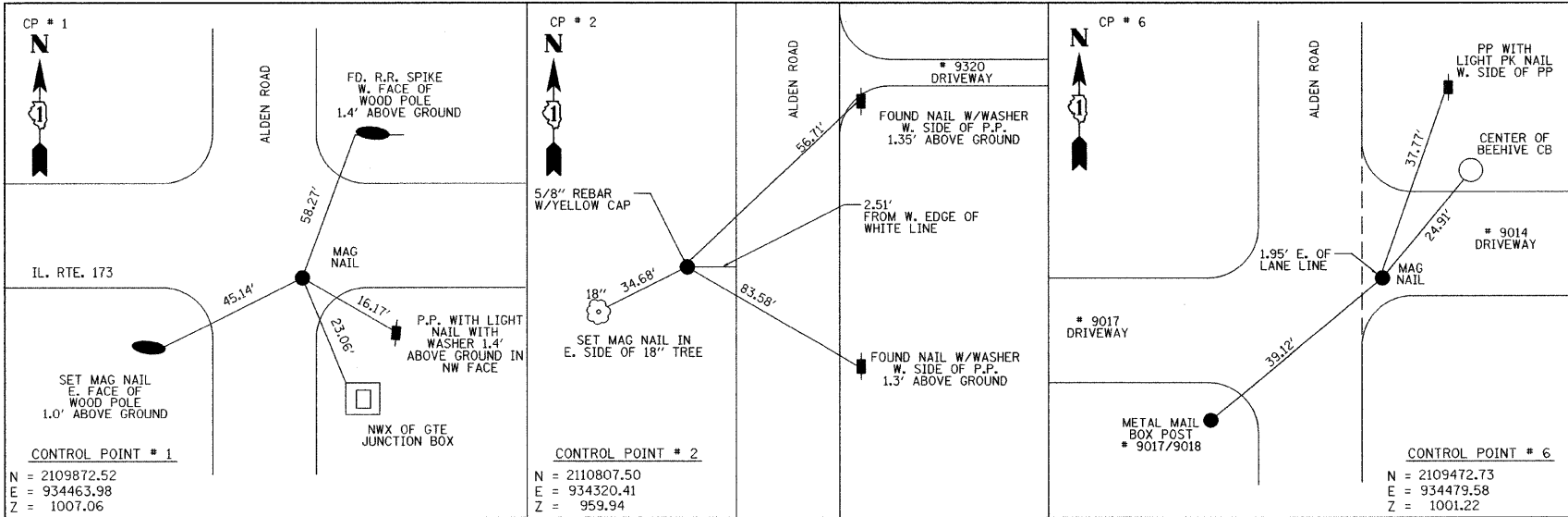
STA./ADDRESS	# OF SIGNS	AREA (SF)
9210/9214	2**	12.5
9211	2**	12.5
9215	2**	12.5
9214/9218	2**	12.5
9218/9220	2**	12.5
9220	2**	12.5
9301	2**	12.5
9304	2**	12.5
9306	2**	12.5
9314	2**	12.5
9316	2**	12.5
9320	2**	12.5
9405	2**	12.5
ALDEN CEMETERY	2**	12.5
NORTH OF RCA SIGN	1*	25.7
TOTAL	66	490.3

* ARTERIAL ROAD INFORMATION SIGN 1 SIGN = 25.7 SF
** DRIVEWAY ENTRANCE SIGN 1 SIGN = 6.25 SF

TREES TO BE REMOVED

STATION	OFFSET	SIZE
114+65.74	21.04' LT	26"
118+07.64	24.26' RT	4x13"
118+48.15	24.99' RT	17"
118+69.02	24.88' RT	31"
122+12.04	42.55' LT	2"
122+12.84	36.17' LT	8"x10"
122+42.98	37.35' LT	10"
122+43.96	35.26' LT	10"
122+67.74	35.08' LT	6"
122+77.08	34.09' LT	6"
122+88.64	33.89' LT	8"
122+89.73	39.87' LT	10"x12"
124+87.78	43.52' RT	20"
125+00.61	25.94' LT	10"x3x9"x5"
125+86.48	43.03' RT	20"
126+33.28	43.01' RT	9"
126+44.96	47.81' RT	6"
126+66.58	50.77' RT	16"
TOTAL (6-15 UNITS DIA.)		184 UNITS
TOTAL (OVER 15 UNITS)		130 UNITS

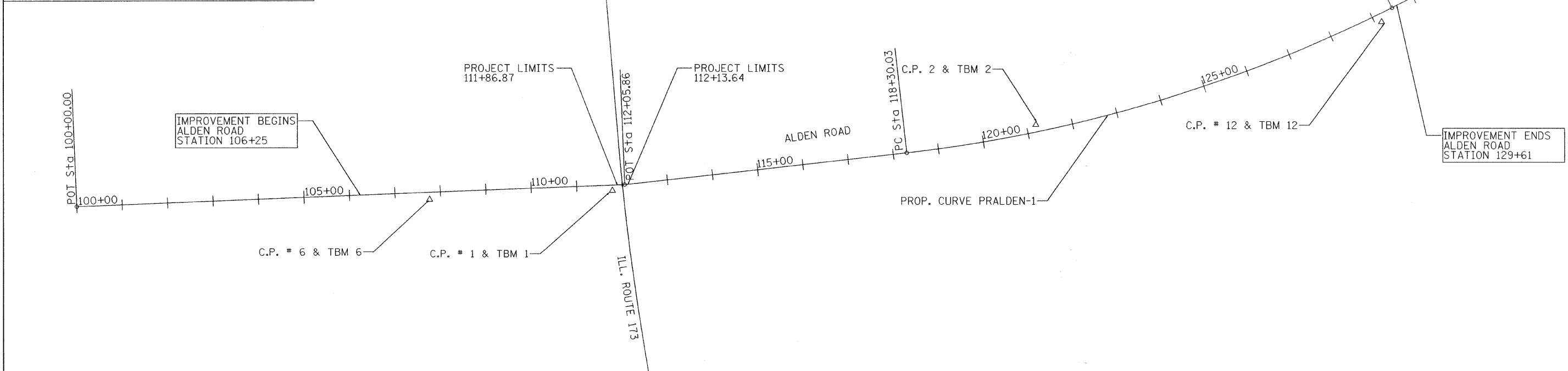
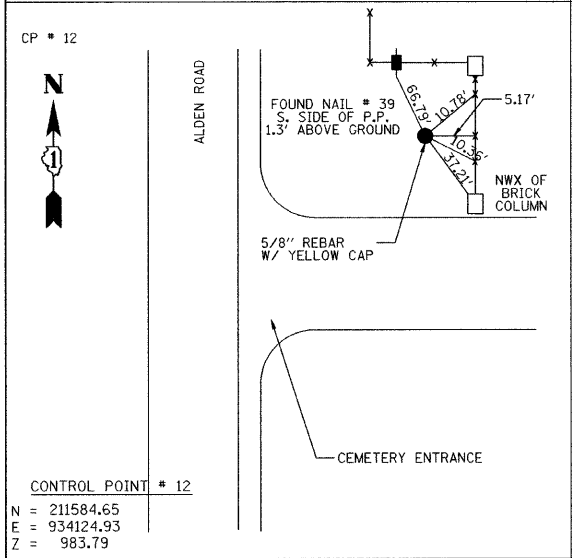
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PLOT SCALE = 50.0000' ft / IN.		DRAWN - CEC	REVISED -					CONTRACT NO. 63212				
PLOT DATE = 9/28/2009		CHECKED - DWB	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
		DATE - 09/28/2009	REVISED -									



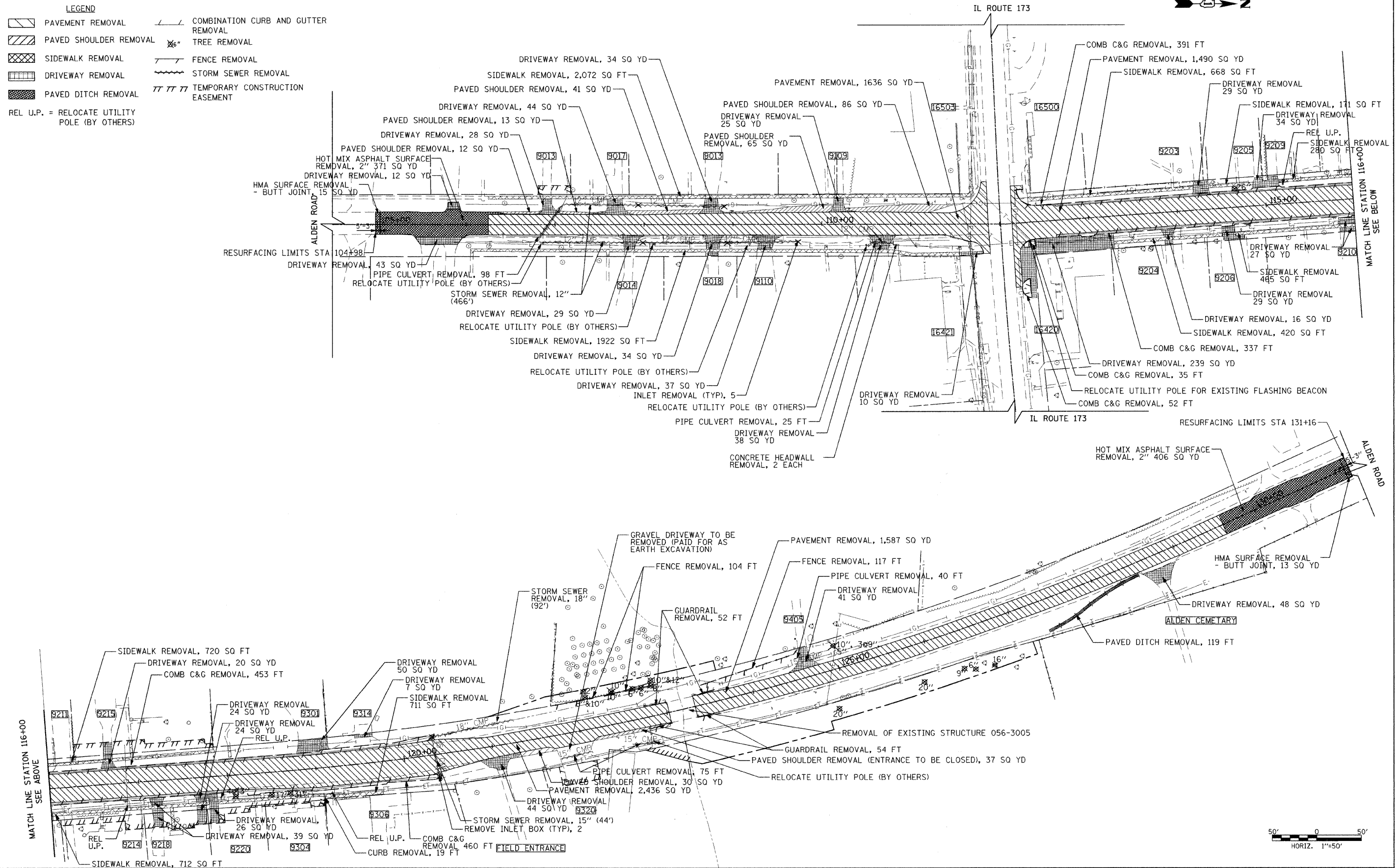
BENCHMARK SUMMARY				
NAME	ELEVATION	STATION	DESCRIPTION	
TBM # 1	1007.06	111+75.97, 13.78' RT	SET MAG NAIL SEX ALDEN ROAD + IL. RTE. 173	
TBM # 2	959.94	121+21.86, 13.22' LT	SET 5/8" REBAR W/ YELLOW CAP W. SIDE OF ALDEN S. OF BRIDGE.	
TBM # 5	985.32	116+39.50, 14.27 RT	SET MAG NAIL IN STREET IN FRONT OF HOUSE # 9214 ALDEN ROAD	
TBM # 6	1001.22	107+75.88, 13.62 RT	SET MAG NAIL E. SIDE OF ALDEN RD. S. SIDE OF DRIVE OF HOUSE # 9018 S. OF IL. RTE. 173	
TBM # 7	966.27	119+11.60, 22.67 LT	SET MAG NAIL W. SIDE OF ALDEN RD. N. SIDE OF DRIVE OF HOUSE # 9301 S. OF BRIDGE	
TBM # 8	962.67	124+76.14, 13.82 RT	SET MAG NAIL E. SIDE OF ALDEN ACROSS FROM N. SIDE OF DRIVE OF HOUSE # 9405 N. OF BRIDGE	
TBM # 12	983.79	129+17.24, 54.86' RT	SET 5/8" REBAR W/ YELLOW CAP S W. OF CEMETRY FENCE, 5TH FENCE POST N. OF BRICK GATE. E. SIDE OF ALDEN ROAD.	

COORDINATE INFORMATION			
LOCATION	STATION	NORTHING	EASTING
ALDEN ROAD, POT	100+00.00	2108696.91	934496.52
ALDEN ROAD, POT	112+05.86	2109901.84	934449.03
ALDEN ROAD, PI	123+95.03	2111083.57	934316.23
ALDEN ROAD, PC	118+30.03	2110522.10	934379.33
ALDEN ROAD, PT	129+48.15	2111588.11	934061.92
ALDEN ROAD, POT	131+49.61	2111768.02	933971.24

PROP. CURVE PRALDEN-1
PI STA. = 123+95.03
 $\Delta = 20^{\circ} 20' 16''$ (LT)
D = $1^{\circ} 49' 08''$
R = 3,150.00'
T = 565.01'
L = 1,118.12'
E = 50.27'
 $\theta = 2.02^{\circ}$
T.R. = 40'
S.E. RUN = 40'
P.C. STA = 118+30.03
P.T. STA = 129+48.15



- LEGEND**
- PAVEMENT REMOVAL
 - PAVED SHOULDER REMOVAL
 - SIDEWALK REMOVAL
 - DRIVEWAY REMOVAL
 - PAVED DITCH REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - 6" TREE REMOVAL
 - FENCE REMOVAL
 - STORM SEWER REMOVAL
 - TEMPORARY CONSTRUCTION EASEMENT
- REL U.P. = RELOCATE UTILITY POLE (BY OTHERS)



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PLOT SCALE = 50.000' / IN.
PLOT DATE = 9/28/2009

DESIGNED - SDC
DRAWN - CEC
CHECKED - DWB
DATE - 09/28/2009

REVISED -
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REVISED -

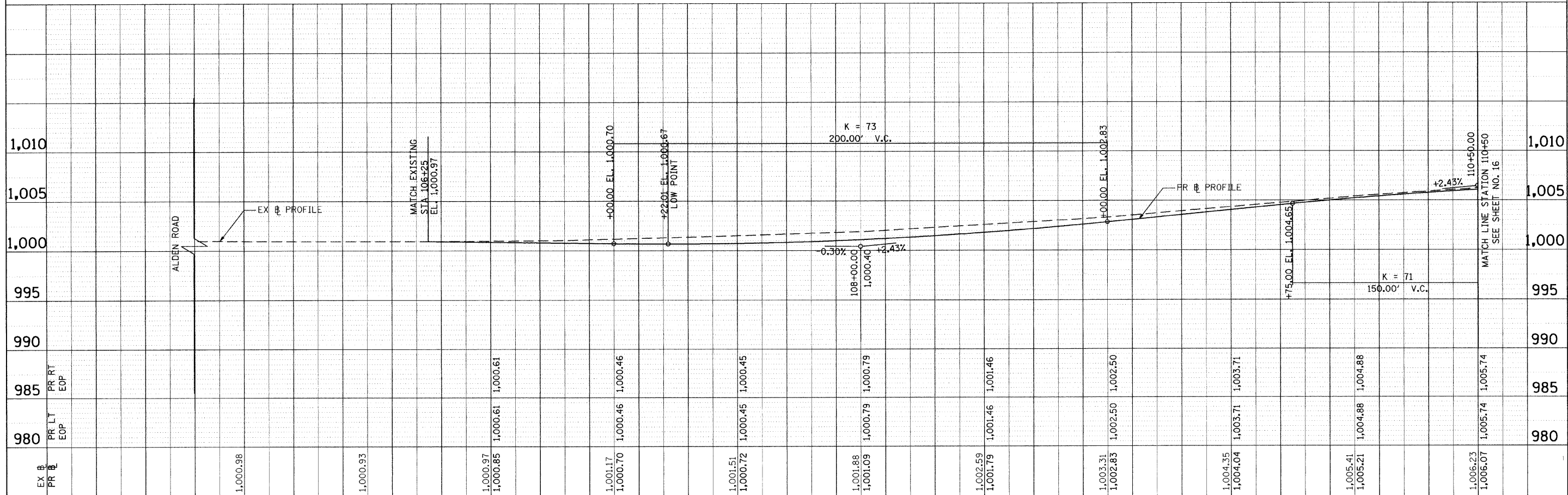
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALDEN ROAD
REMOVAL PLAN**

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 101+00 TO STA. 131+25

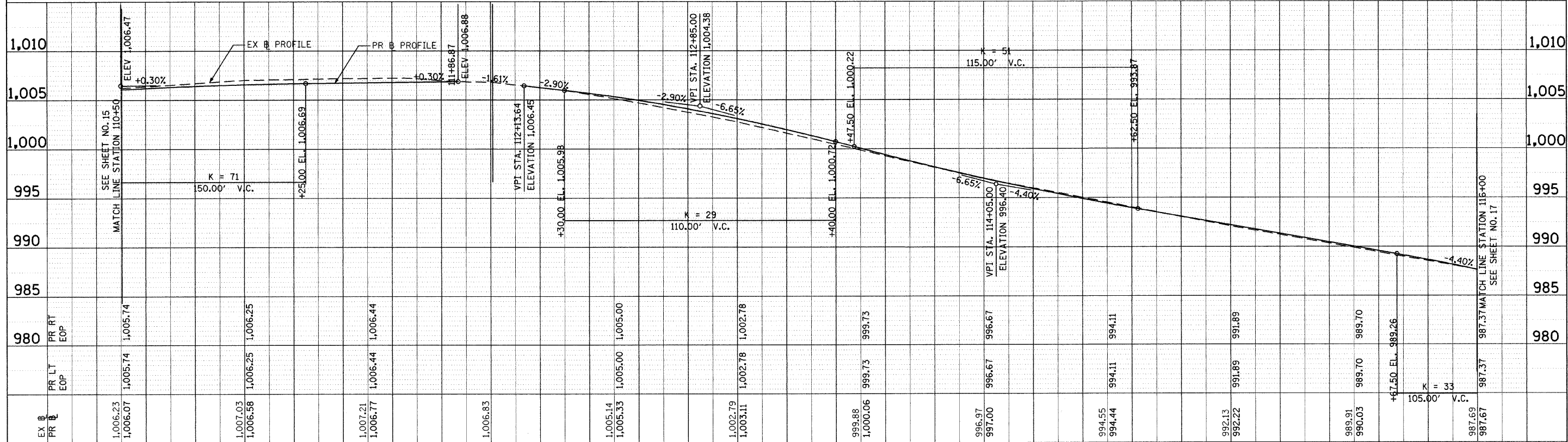
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	14
CONTRACT NO. 63212				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATIONS CHECKED			
NO.			



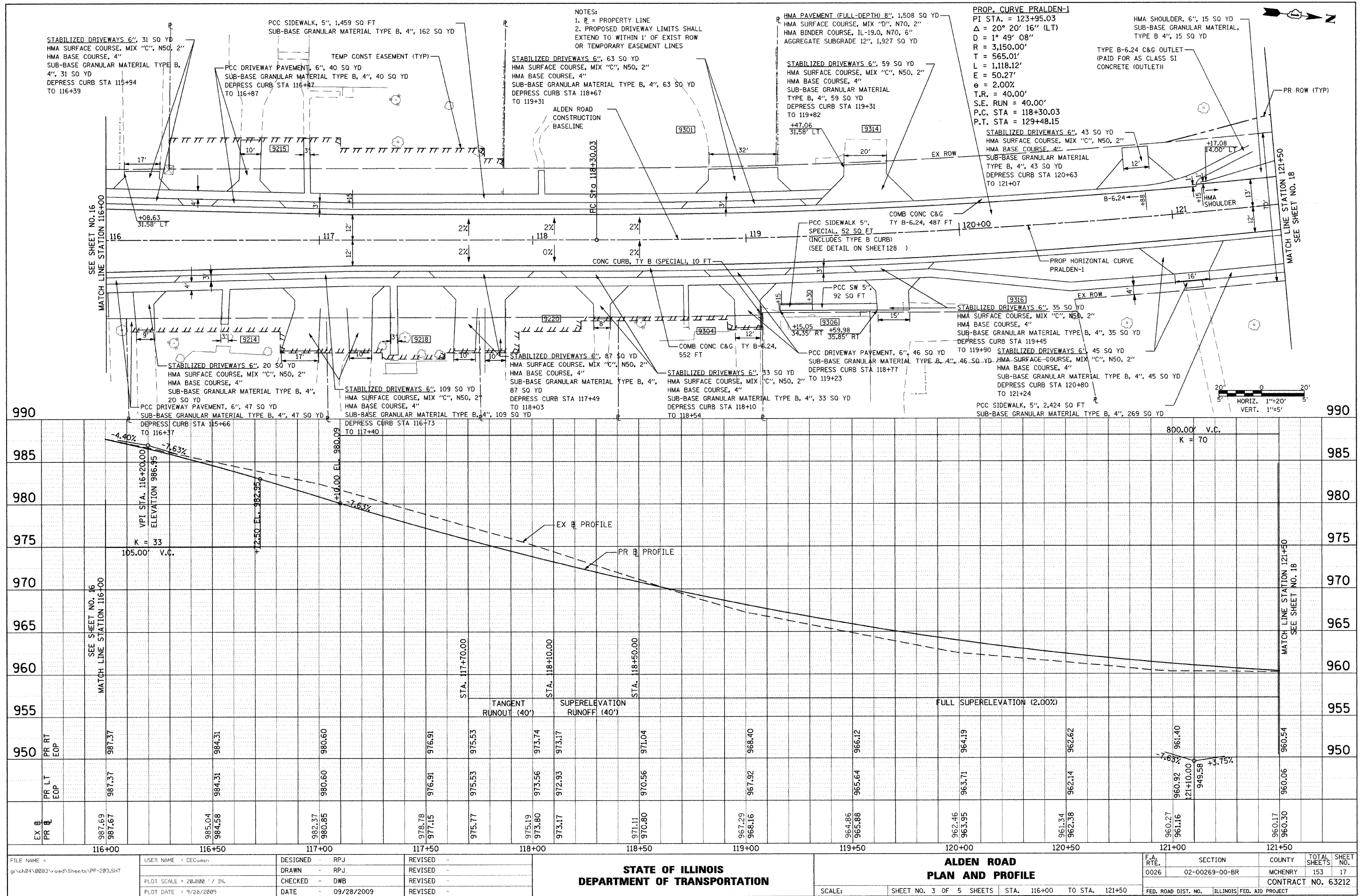
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	PLOT DATE = 8/25/2009	DATE - 08/25/2009	REVISED -	SCALE:	SHEET NO. 1 OF 5 SHEETS		STA. 106+25 TO STA. 110+50		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT												

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
B.M. NOTED	GRADES CHECKED		
NO. _____	STRUCTURE NOTATIONS CHECKED		



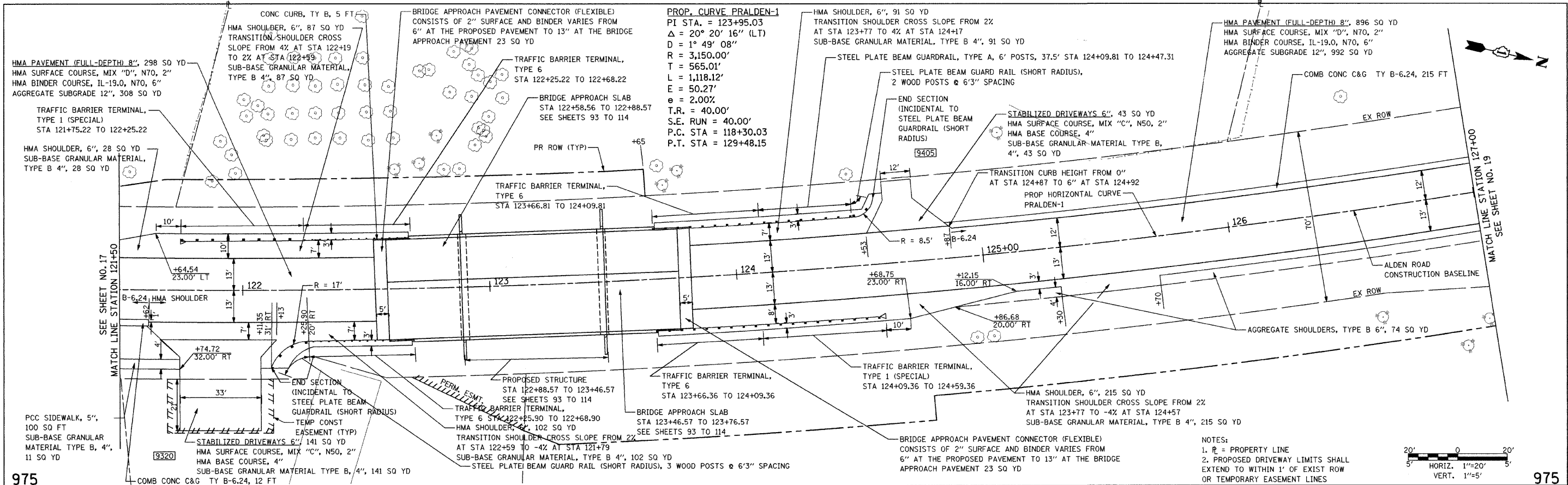
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		PLOT DATE = 9/28/2009		DATE - 09/28/2009		REVISED -																			
														SCALE:		SHEET NO. 2 OF 5 SHEETS		STA. 110+50 TO STA. 116+00		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M. NOTED		
NO.	STRUCTURE	NOTATIONS CHECKED	

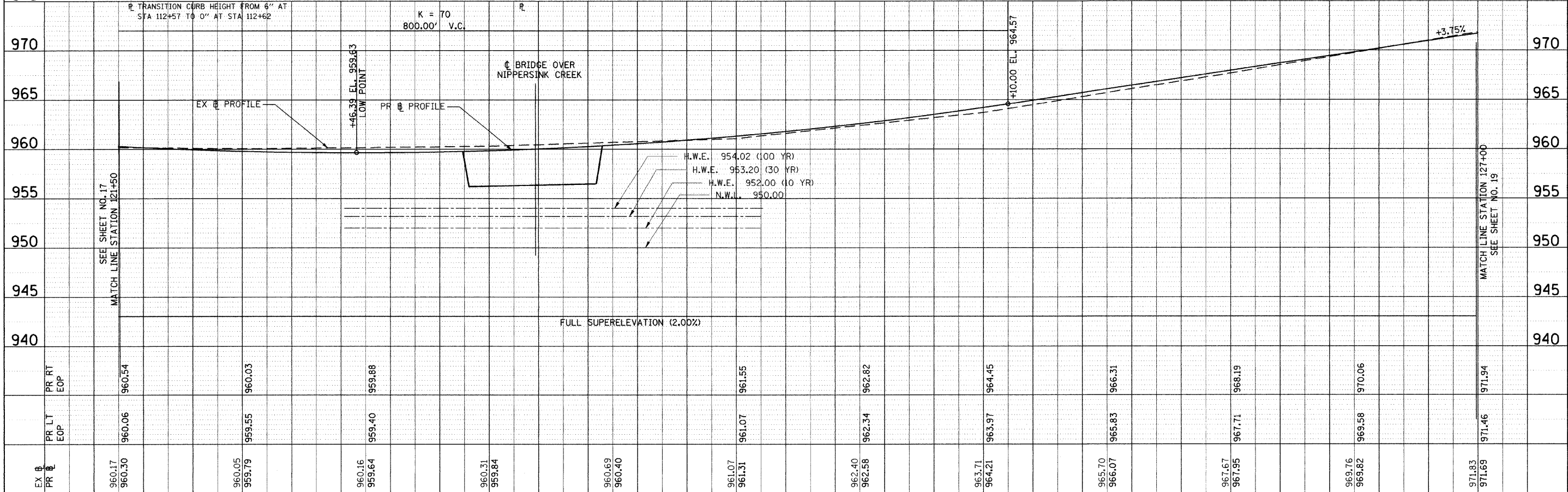
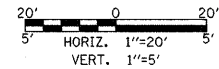


PLAN	SURVEYED	DATE
	BY	
PLOT	NOTED	
	BY	
NO.	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
PLOT	NOTED	
	BY	
NO.	NO.	
	NO.	

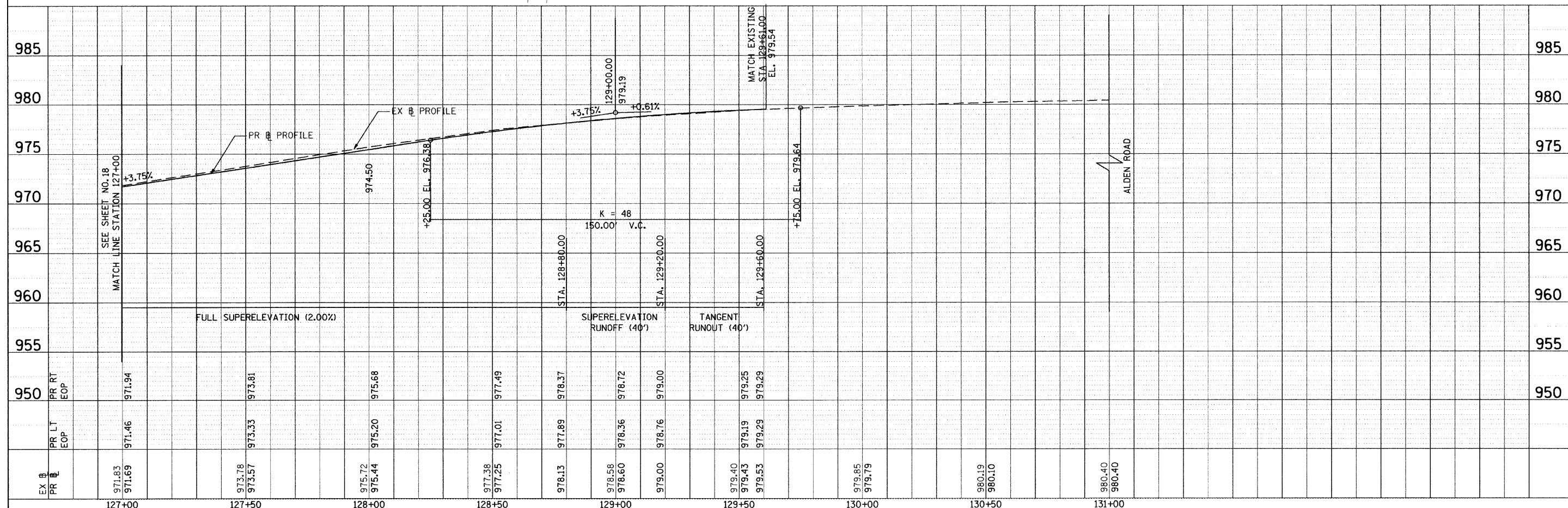


NOTES:
1. P = PROPERTY LINE
2. PROPOSED DRIVEWAY LIMITS SHALL
EXTEND TO WITHIN 1' OF EXIST ROW
OR TEMPORARY EASEMENT LINES



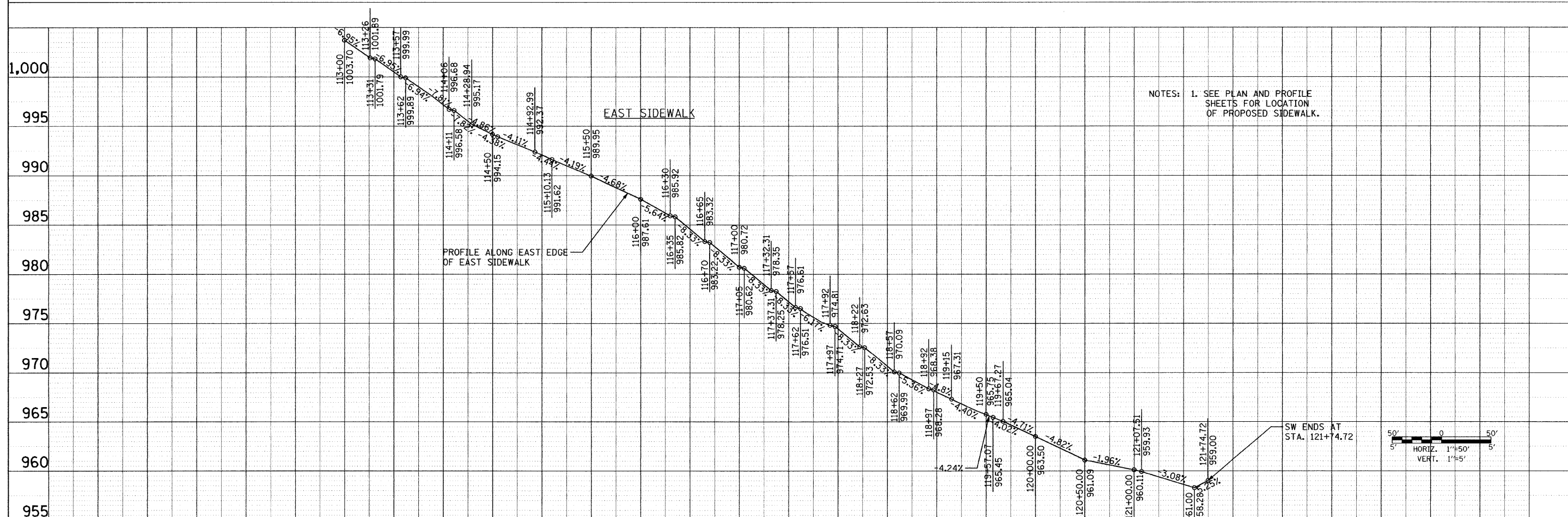
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PLOT DATE = 9/28/2009		DATE = 09/28/2009	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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NOTE BOOK	GRADES CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

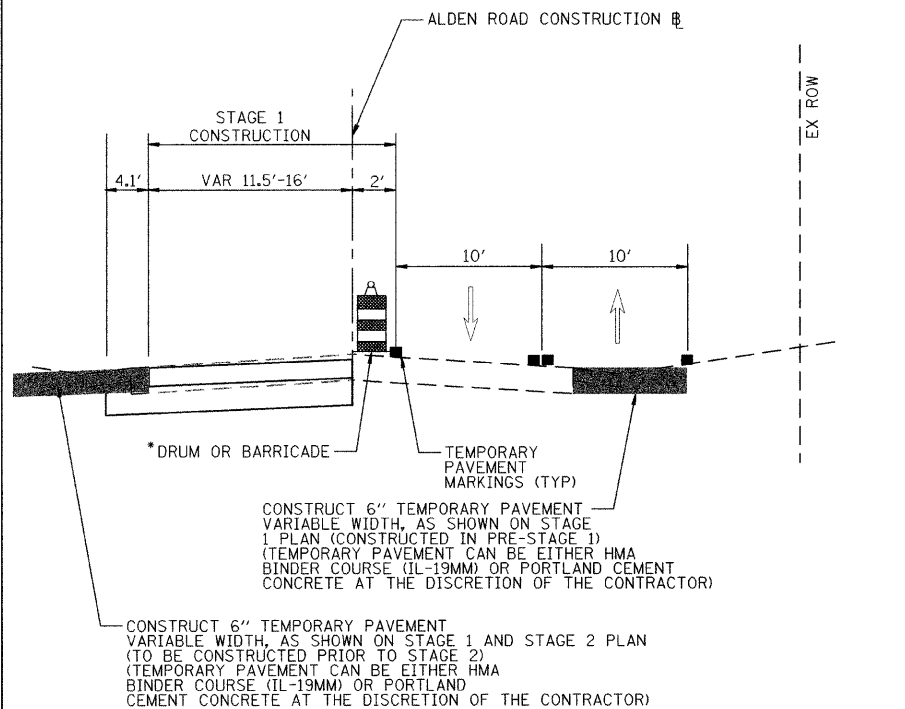


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PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
G.M. NOTED		
NO. _____	STRUCTURE NOTATION'S CHKD	



		113+00	114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	121+50	122+00			
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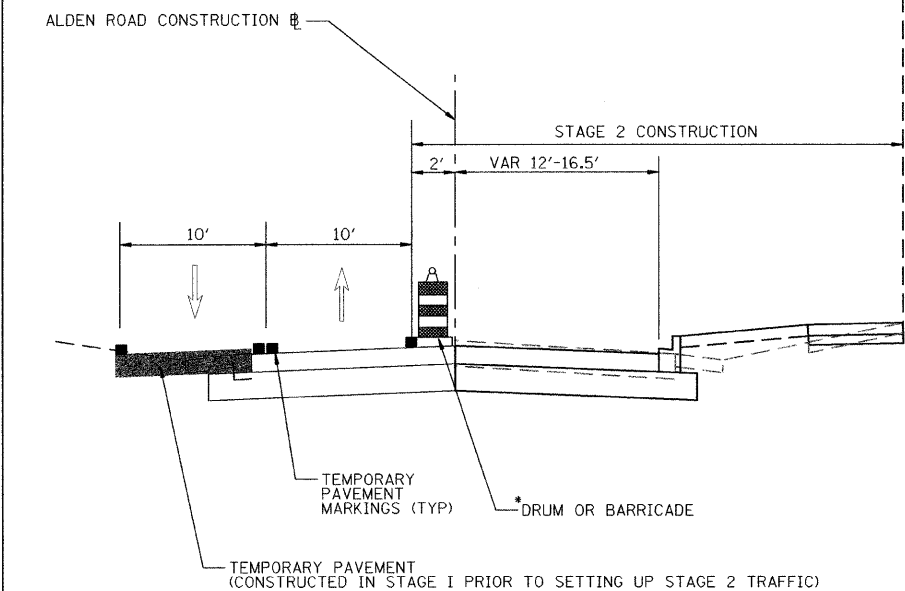


ALDEN ROAD STAGE 1 TYPICAL SECTION

- PRE-STAGE 1:**
1. CONSTRUCT DRAINAGE STRUCTURES AND PIPES AS SHOWN ON EROSION CONTROL PLANS, TEMPORARY PAVEMENT ON EAST SIDE OF ALDEN ROAD, AND CLOSE SIDEWALK ON BOTH SIDES OF ALDEN ROAD. USE TRAFFIC CONTROL STANDARDS 701501, 701701, 701801, AND 701901 TO PERFORM THIS WORK.
- STAGE 1:**
1. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR ALDEN ROAD WITH TWO LANES OF TRAFFIC (ONE THROUGH LANE IN EACH DIRECTION) ALONG THE EAST SIDE.
 2. SET UP ALDEN ROAD IMMEDIATELY ADJACENT TO AND THROUGH THE BRIDGE AREA FOR ONE LANE OF TRAFFIC AND CONSTRUCT A TEMPORARY TRAFFIC SIGNAL FOR CONTROL. USE TRAFFIC CONTROL STANDARD 701321 TO PERFORM THIS WORK. CONSTRUCT TEMPORARY TRAFFIC SIGNALS TO CONTROL DRIVEWAY TRAFFIC WITHIN THIS STRETCH OF ONE-WAY ROADWAY ON ALDEN ROAD.
 3. CONSTRUCT AGGREGATE SUBGRADE AND HOT MIX ASPHALT BINDER COURSE FROM CONSTRUCTION BASELINE TO 6" RIGHT OF PROPOSED WEST EDGE OF PAVEMENT IN CURB AND GUTTER SECTION. CONSTRUCT TO PROPOSED EDGE OF PAVEMENT IN SHOULDER SECTION.
 4. CONSTRUCT PROPOSED BRIDGE STRUCTURE AND APPROACH PAVEMENT WEST OF CONSTRUCTION BASELINE.
 5. CONSTRUCT HOT MIX ASPHALT SHOULDER, 6" AND HMA SURFACE COURSE FROM STATION 121+79 TO THE BRIDGE APPROACH SLAB AND FROM THE BRIDGE APPROACH SLAB TO STATION 124+55.
 6. INSTALL STEEL PLATE BEAM GUARDRAIL TERMINAL SECTIONS ALONG THE WEST SIDE OF ALDEN ROAD, AS SHOWN IN THE PLANS.
 7. CONSTRUCT DRAINAGE STRUCTURES AND PIPES AS SHOWN ON EROSION CONTROL PLANS. CONSTRUCT TEMPORARY PAVEMENT ON WEST SIDE OF ALDEN ROAD. USE TRAFFIC CONTROL STANDARDS 701501, 701701, AND 701901 TO PERFORM THIS WORK.

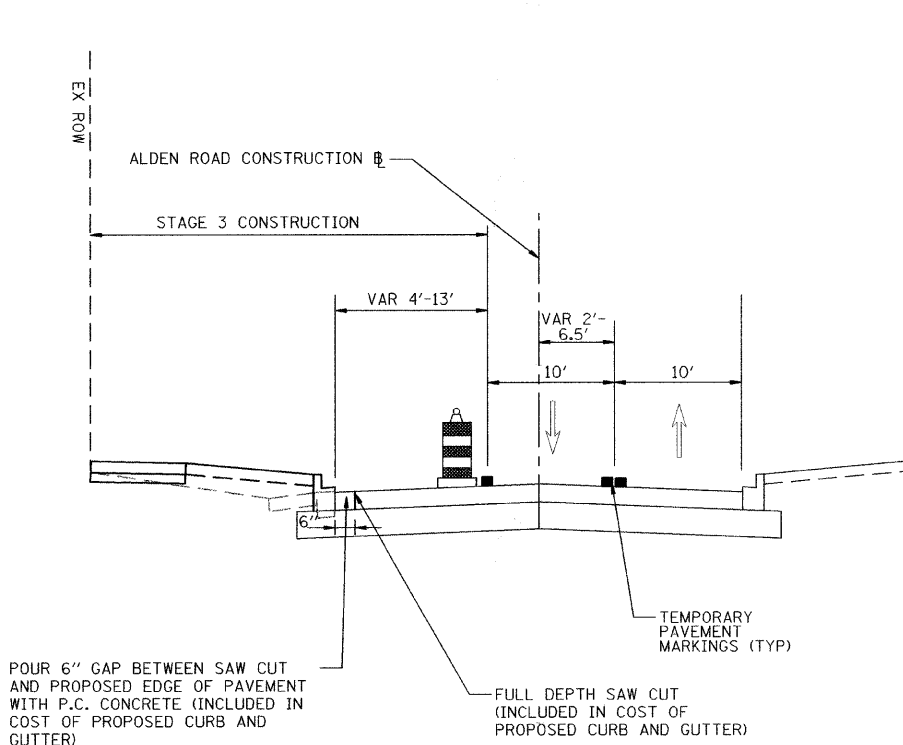
GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
3. TYPE II BARRICADES SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS. WHEN SEPARATING TRAFFIC FROM CONSTRUCTION, DELINEATORS AND BARRICADES SHALL BE PLACED AT 50' INTERVALS AND AT 25' INTERVALS WITHIN TAPER AND CURVE SECTIONS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. BARRICADES, 2' IN WIDTH SHALL BE UTILIZED DURING ALL STAGES OF TRAFFIC CONTROL. DIRECTION INDICATOR BARRICADES SHALL BE USED AT ALL TAPERS, SHIFTS AND LANE DROPS.
4. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL OR WORK ZONE PAVEMENT MARKING REMOVAL.
5. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR PLACEMENT AND TWO REPLACEMENTS HAVE BEEN PROVIDED.
6. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
9. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLOURESCENT ORANGE REFLECTIVE SHEETING.
10. ALL CONSTRUCTION SIGNS, BARRICADES, AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.
11. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
12. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
13. THE FIRST TWO WARNING SIGNS IN EACH DIRECTION REQUIRE MONO-DIRECTIONAL FLASHING BEACONS.
14. THE TEMPORARY INFORMATION SIGNING SHALL BE PLACED ON ALDEN ROAD (2) AND ON ILLINOIS ROUTE 173 (2) NO MORE THAN 500 FEET IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS. THE DRIVEWAY SIGNS SHALL BE PLACED AT EACH OF THE DRIVEWAY ENTRANCES ON ALDEN ROAD TO BE VISIBLE FROM EACH DIRECTION.
15. AFTER CONSTRUCTION OF NEW PAVEMENT IN STAGE 1, THE DRIVEWAYS AT STATIONS 106+91.66 LT, 107+66.93 LT, 108+76.79 LT, 116+67.86 LT, 119+00 LT, AND 119+57.07 LT SHALL BE CLOSED DUE TO THE DIFFERENCE IN ELEVATION BETWEEN EXISTING AND PROPOSED PAVEMENTS. ACCESS TO THESE DRIVEWAYS SHALL BE PROVIDED AT THE NEAREST OPEN DRIVEWAY. THE DRIVEWAYS SHALL BE CLOSED FOR NO MORE THAN 3 CALENDAR DAYS DURING WHICH TIME THE STAGE 2 TRAFFIC SHALL COME INTO EFFECT.
16. AFTER SETTING UP STAGE 2 TRAFFIC, THE DRIVEWAYS AT STATIONS 107+83.22 RT, 108+76.79 RT, 109+35.79 RT, 116+94.16 RT, 117+19.45 RT, 117+65.43 RT, 117+82.45 RT, 118+32.54 RT, AND 122+00 RT SHALL BE CLOSED DUE TO THE DIFFERENCE IN ELEVATION BETWEEN EXISTING AND PROPOSED PAVEMENTS. ACCESS TO THESE DRIVEWAYS SHALL BE PROVIDED AT THE NEAREST OPEN DRIVEWAY IMMEDIATELY FOLLOWING SHIFT TO STAGE 2 TRAFFIC PATTERN. THE DRIVEWAYS SHALL BE CLOSED FOR NO MORE THAN 3 CALENDAR DAYS DURING WHICH TIME TEMPORARY ACCESS STONE SHALL BE CONSTRUCTED TO OPEN EACH DRIVE.



ALDEN ROAD STAGE 2 TYPICAL SECTION

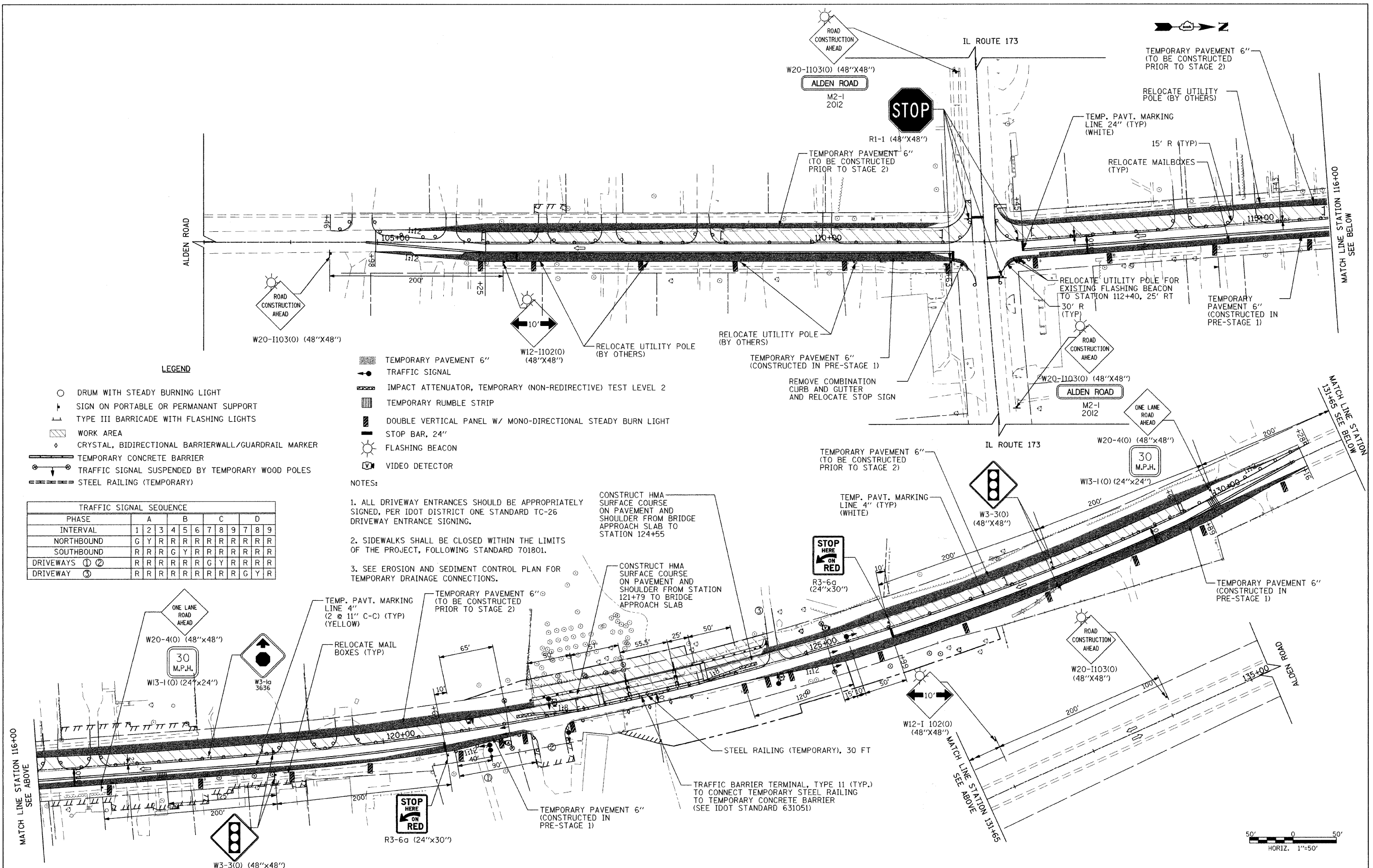
- STAGE 2:**
1. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR ALDEN ROAD WITH TWO LANES OF TRAFFIC (ONE THROUGH LANE IN EACH DIRECTION) ALONG THE WEST SIDE.
 2. SHIFT THE ONE LANE OF TRAFFIC ON ALDEN ROAD IMMEDIATELY ADJACENT TO AND THROUGH THE BRIDGE AREA TO MATCH THE RECONFIGURED TRAFFIC LOCATION. RELOCATE THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT FOR CONTROL. USE TRAFFIC CONTROL STANDARD 701321 TO PERFORM THIS WORK. RELOCATE OR CONSTRUCT TEMPORARY TRAFFIC SIGNALS TO CONTROL DRIVEWAY TRAFFIC WITHIN THIS STRETCH OF ONE-WAY ROADWAY ON ALDEN ROAD.
 3. CONSTRUCT AGGREGATE SUBGRADE AND HOT MIX ASPHALT BINDER COURSE FROM CONSTRUCTION BASELINE TO PROPOSED EAST EDGE OF PAVEMENT ON ALDEN ROAD.
 4. CONSTRUCT CURB & GUTTER ALONG EAST EDGE OF PAVEMENT. CONSTRUCT HOT-MIX ASPHALT SHOULDER IN PLACE OF CURB & GUTTER AS SHOWN ON PROPOSED TYPICAL SECTIONS AND PLANS.
 5. CONSTRUCT THE AGGREGATE SHOULDER, PORTLAND CEMENT CONCRETE SIDEWALK, AND SEEDED/SODDED PARKWAY, PER PROPOSED TYPICAL SECTIONS AND PLANS, ON THE EAST SIDE OF ALDEN ROAD.
 6. CONSTRUCT PROPOSED BRIDGE STRUCTURE AND APPROACH PAVEMENT EAST OF CONSTRUCTION BASELINE
 7. CONSTRUCT HOT MIX ASPHALT SHOULDER, 6" AND HMA SURFACE COURSE FROM STATION 121+79 TO THE BRIDGE APPROACH SLAB AND FROM THE BRIDGE APPROACH SLAB TO STATION 124+55.
 8. INSTALL STEEL PLATE BEAM GUARD RAIL, TERMINAL SECTIONS ALONG THE EAST SIDE OF ALDEN ROAD, AS SHOWN IN THE PLANS.



ALDEN ROAD STAGE 3 TYPICAL SECTION

- STAGE 3:**
1. SET UP TRAFFIC CONTROL STRIPING, SIGNS AND BARRICADES FOR ALDEN ROAD WITH TWO LANES OF TRAFFIC (ONE THROUGH LANE IN EACH DIRECTION) ALONG THE EAST SIDE.
 2. REMOVE THE ONE LANE CONFIGURATION ON ALDEN ROAD IMMEDIATELY ADJACENT TO AND THROUGH THE BRIDGE AREA AND RESTORE ONE LANE OF TRAFFIC IN EACH DIRECTION. REMOVE ALL TEMPORARY TRAFFIC SIGNAL EQUIPMENT.
 3. SAW CUT PAVEMENT FULL DEPTH 6" INSIDE PROPOSED EDGE OF PAVEMENT. REMOVE EXISTING TEMPORARY PAVEMENT. USE TRAFFIC CONTROL STANDARDS 701501, 701701, 701801, AND 701901 TO PERFORM THIS WORK.
 4. CONSTRUCT CURB & GUTTER ALONG WEST EDGE OF PAVEMENT. POUR 6" GAP BETWEEN SAW CUT AND PROPOSED EDGE OF PAVEMENT WITH P.C. CONCRETE (INCLUDED IN COST OF PROPOSED CURB AND GUTTER). PER PROPOSED TYPICAL SECTIONS AND PLANS, CONSTRUCT HOT-MIX ASPHALT SHOULDER IN PLACE OF CURB & GUTTER WHERE APPROPRIATE.
 5. CONSTRUCT THE AGGREGATE SHOULDER, PORTLAND CEMENT CONCRETE SIDEWALK, AND SODDED PARKWAY, PER PROPOSED TYPICAL SECTIONS AND PLANS, ON THE WEST SIDE OF ALDEN ROAD.
 6. REMOVE ALL TEMPORARY STRIPING AND TRAFFIC CONTROL DEVICES AFTER COMPLETING ALL OTHER WORK.
 7. PAVE HOT MIX ASPHALT SURFACE COURSE.
 8. INSTALL PERMANENT STRIPING AND SIGNAGE PER PLANS.

FILE NAME =	USER NAME = CECOMR	DESIGNED - RPJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ALDEN ROAD SUGGESTED TRAFFIC CONTROL STAGING PLAN TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 5/31/2009		DATE - 05/29/2009	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE: N.T.S.		SHEET NO. 1 OF 1 SHEETS		STA.		TO STA.		



LEGEND

- DRUM WITH STEADY BURNING LIGHT
- ⚡ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⚡ TYPE III BARRICADE WITH FLASHING LIGHTS
- ▨ WORK AREA
- ◇ CRYSTAL, BIDIRECTIONAL BARRIERWALL/GUARDRAIL MARKER
- ▬ TEMPORARY CONCRETE BARRIER
- ⚡ TRAFFIC SIGNAL SUSPENDED BY TEMPORARY WOOD POLES
- ▬ STEEL RAILING (TEMPORARY)

TRAFFIC SIGNAL SEQUENCE									
PHASE	A	B	C	D	E	F	G	H	I
INTERVAL	1	2	3	4	5	6	7	8	9
NORTHBOUND	G	Y	R	R	R	R	R	R	R
SOUTHBOUND	R	R	R	G	Y	R	R	R	R
DRIVEWAYS ① ②	R	R	R	R	R	R	G	Y	R
DRIVEWAY ③	R	R	R	R	R	R	R	G	Y

- ▨ TEMPORARY PAVEMENT 6" (48"x48")
- ⚡ TRAFFIC SIGNAL
- ▬ IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 2
- ▬ TEMPORARY RUMBLE STRIP
- ▬ DOUBLE VERTICAL PANEL W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- ▬ STOP BAR, 24"
- ⚡ FLASHING BEACON
- 📹 VIDEO DETECTOR

NOTES:

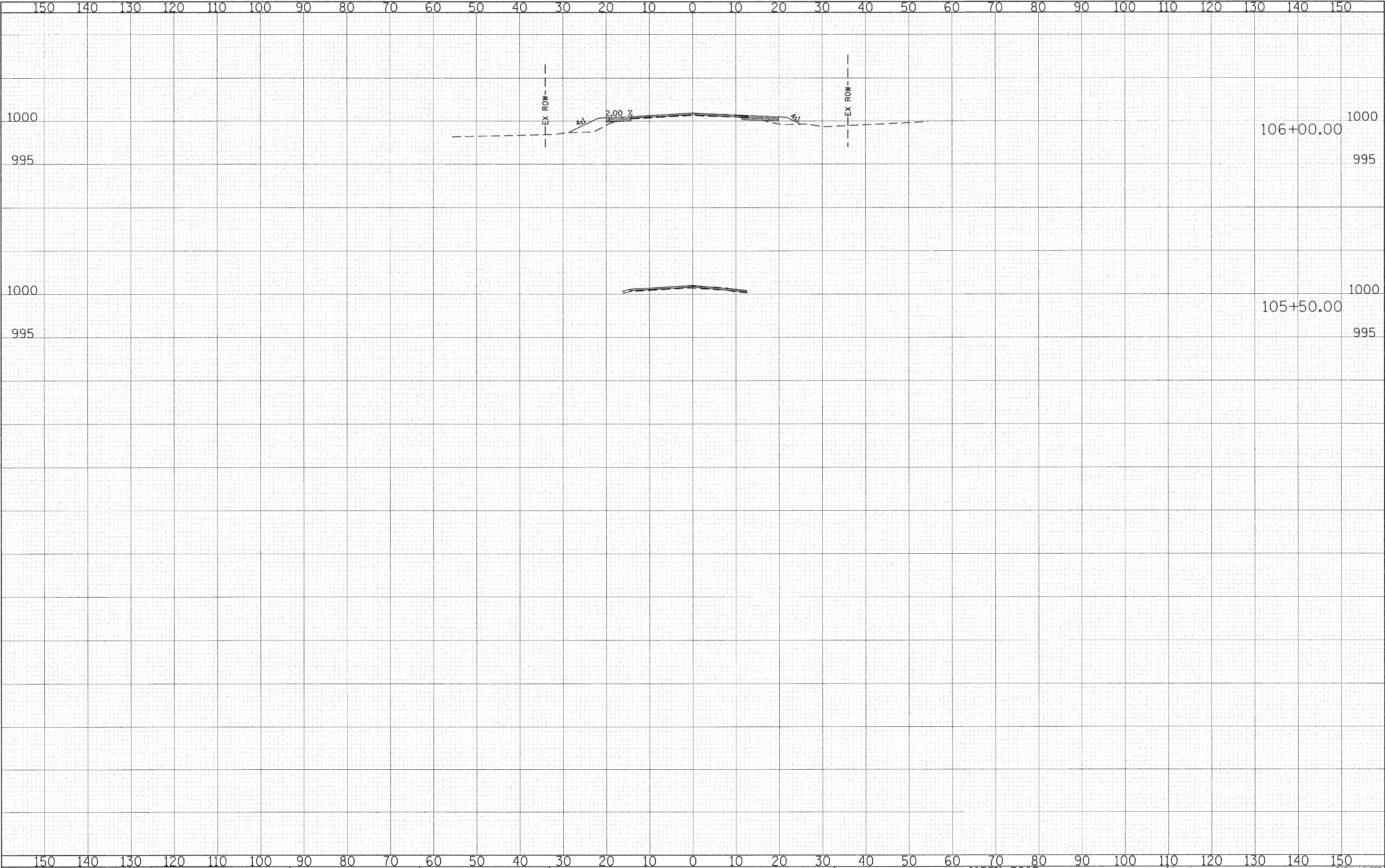
- ALL DRIVEWAY ENTRANCES SHOULD BE APPROPRIATELY SIGNED, PER IDOT DISTRICT ONE STANDARD TC-26 DRIVEWAY ENTRANCE SIGNING.
- SIDEWALKS SHALL BE CLOSED WITHIN THE LIMITS OF THE PROJECT, FOLLOWING STANDARD 701801.
- SEE EROSION AND SEDIMENT CONTROL PLAN FOR TEMPORARY DRAINAGE CONNECTIONS.

CONSTRUCT HMA SURFACE COURSE ON PAVEMENT AND SHOULDER FROM BRIDGE APPROACH SLAB TO STATION 124+55

CONSTRUCT HMA SURFACE COURSE ON PAVEMENT AND SHOULDER FROM STATION 121+79 TO BRIDGE APPROACH SLAB

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

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



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DRAWN - CEC
CHECKED - DWB
DATE - 05/29/2009
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 6/31/2009

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DRAWN - CEC
CHECKED - DWB
DATE - 05/29/2009
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

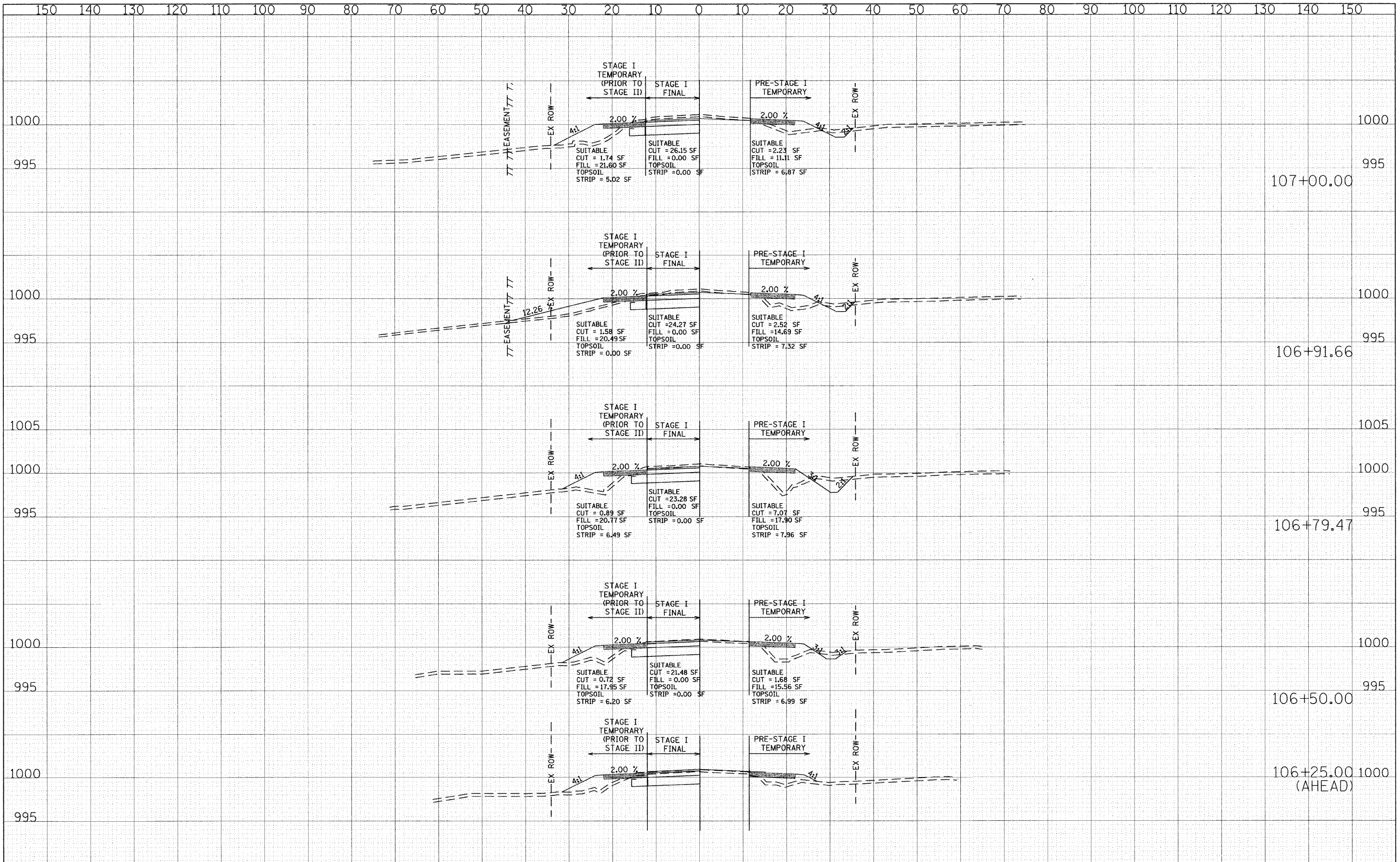
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VERT. 1"=5'
SCALE: SHEET NO. OF SHEETS STA. TO STA.

ALDEN ROAD
MOT STAGE I
CROSS SECTIONS

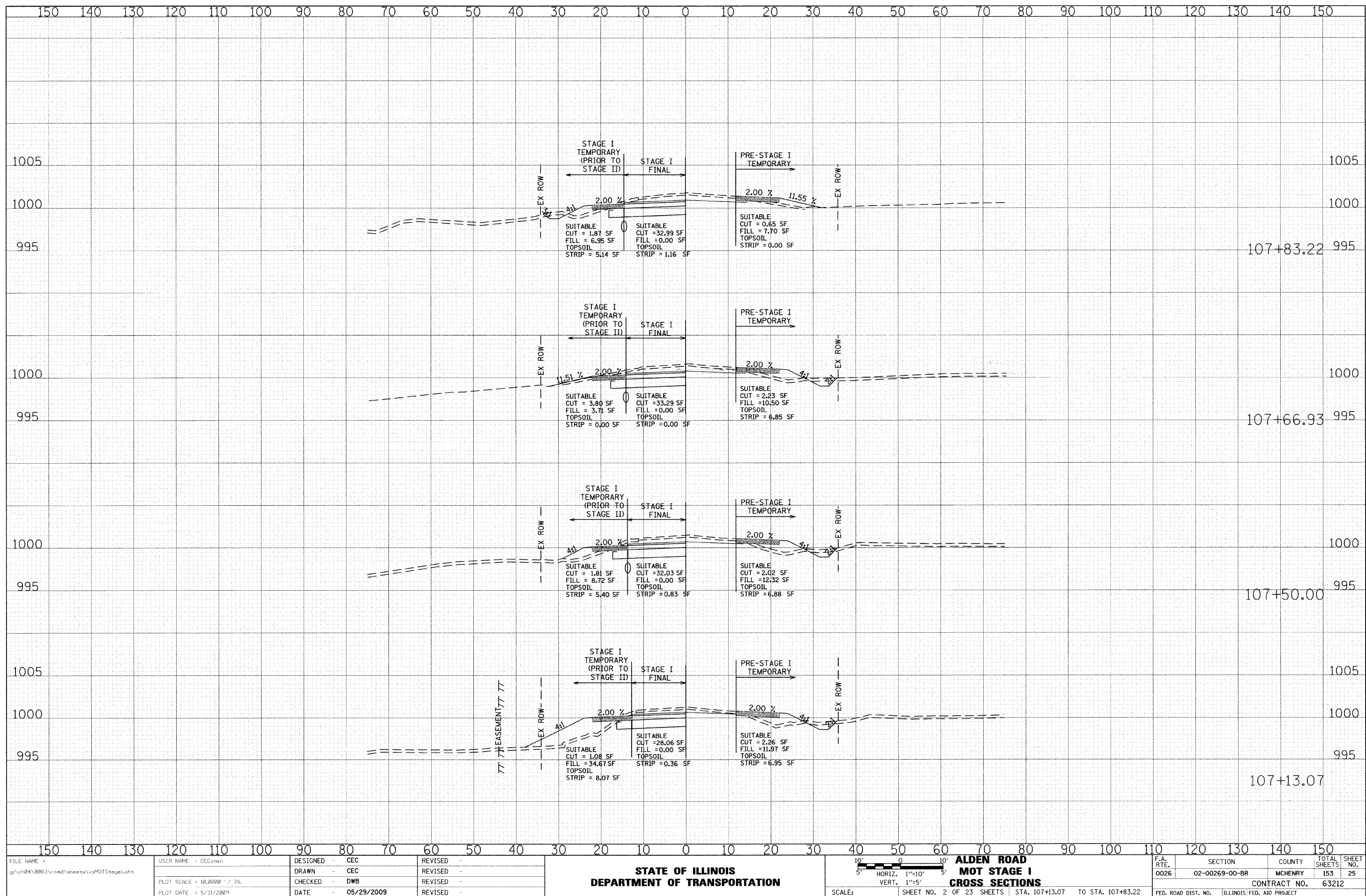
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CONTRACT NO.			63212	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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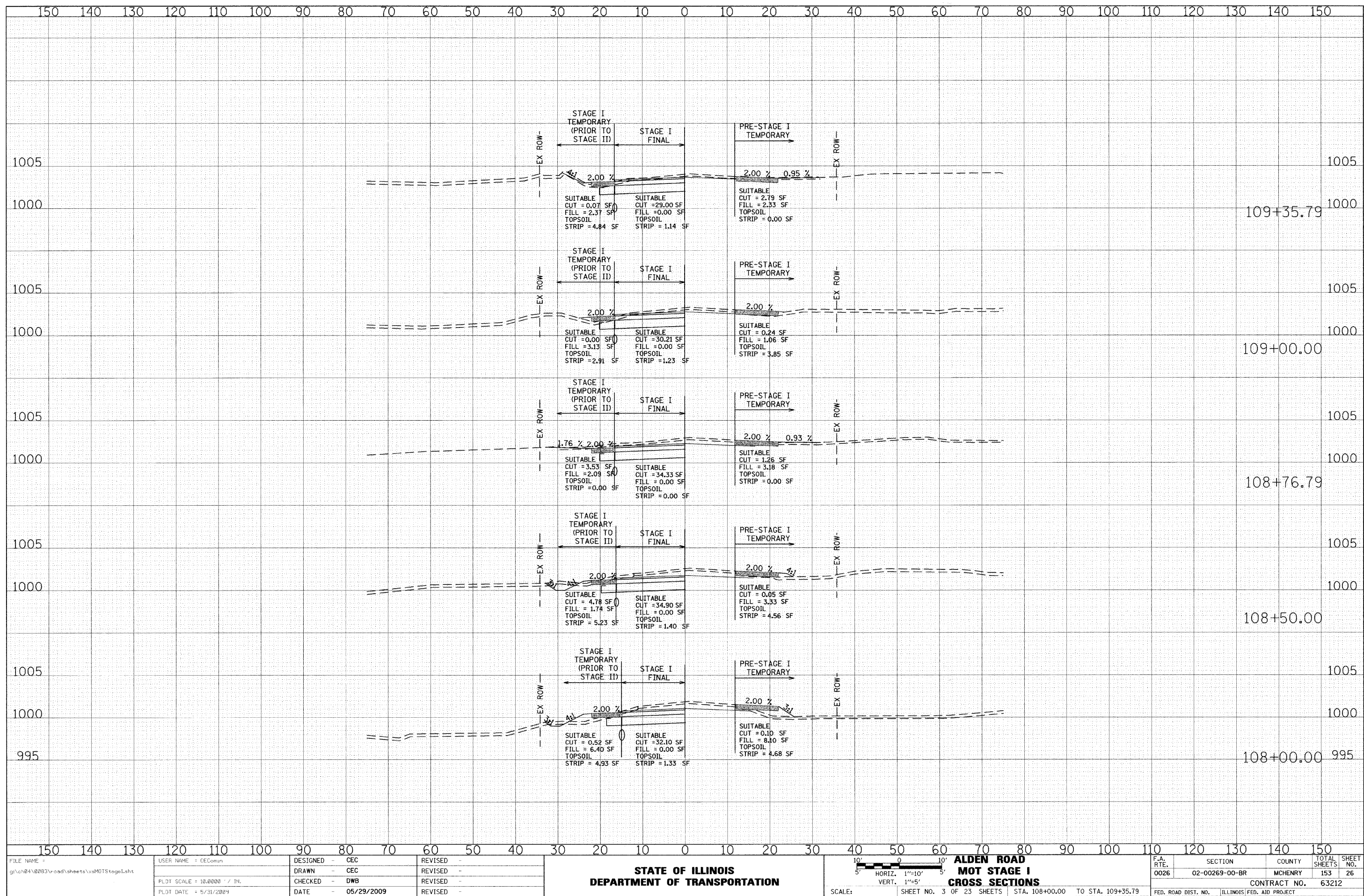
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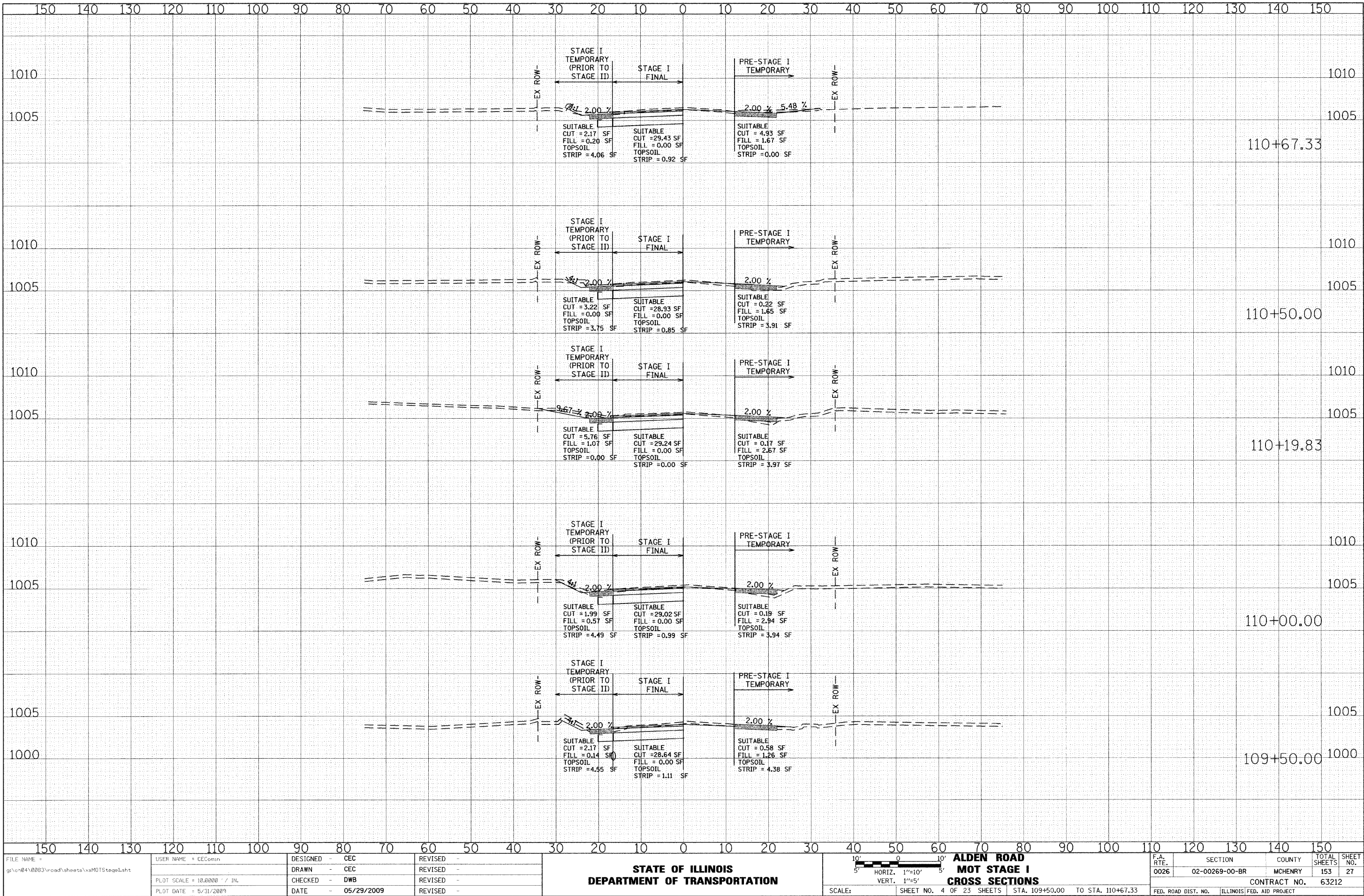


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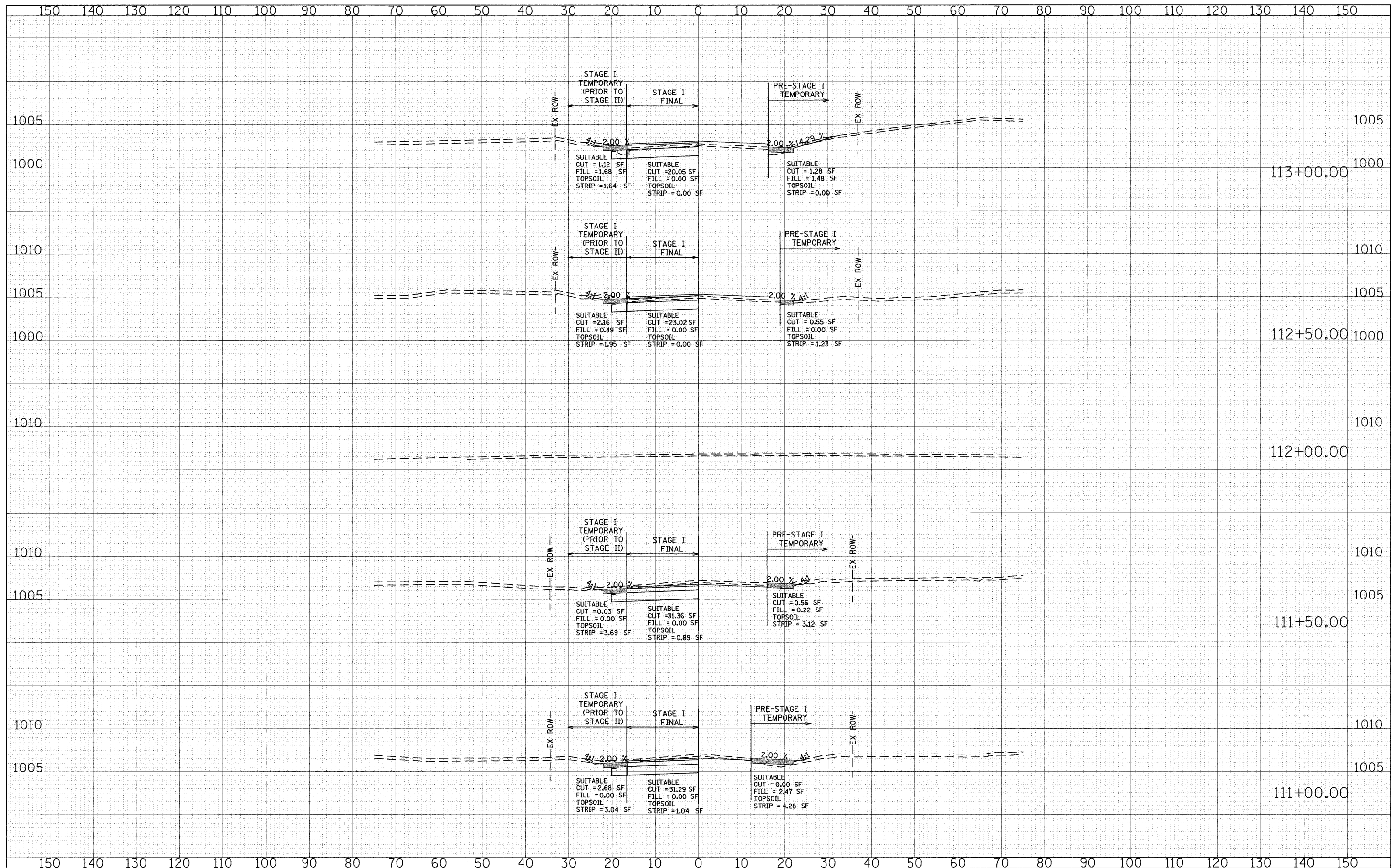


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NOTE BOOK				
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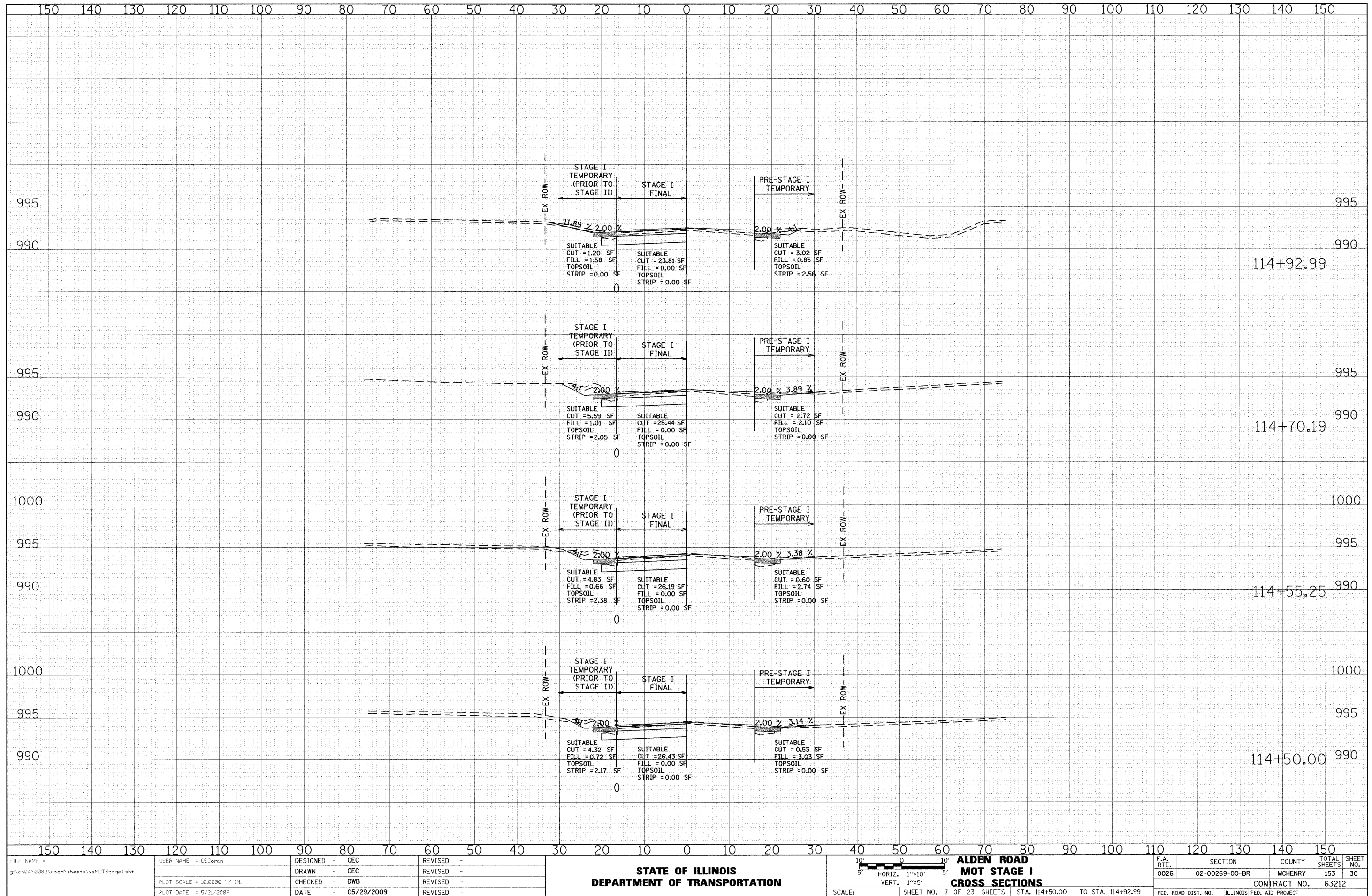
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ORIGINAL				
SHEET				
NOTE BOOK				
AREAS CHECKED				



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NOTE BOOK	PLOTTED _____		
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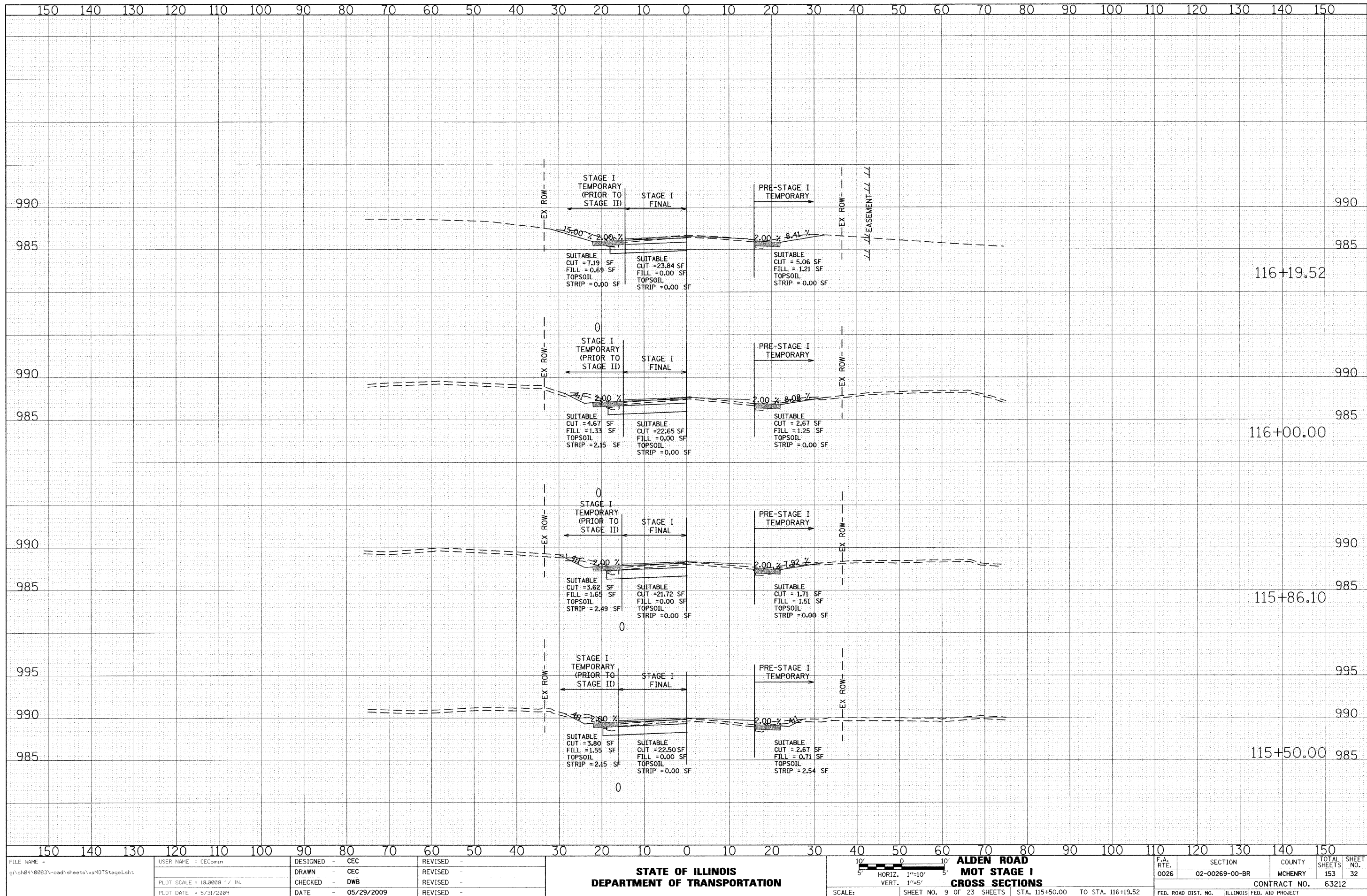
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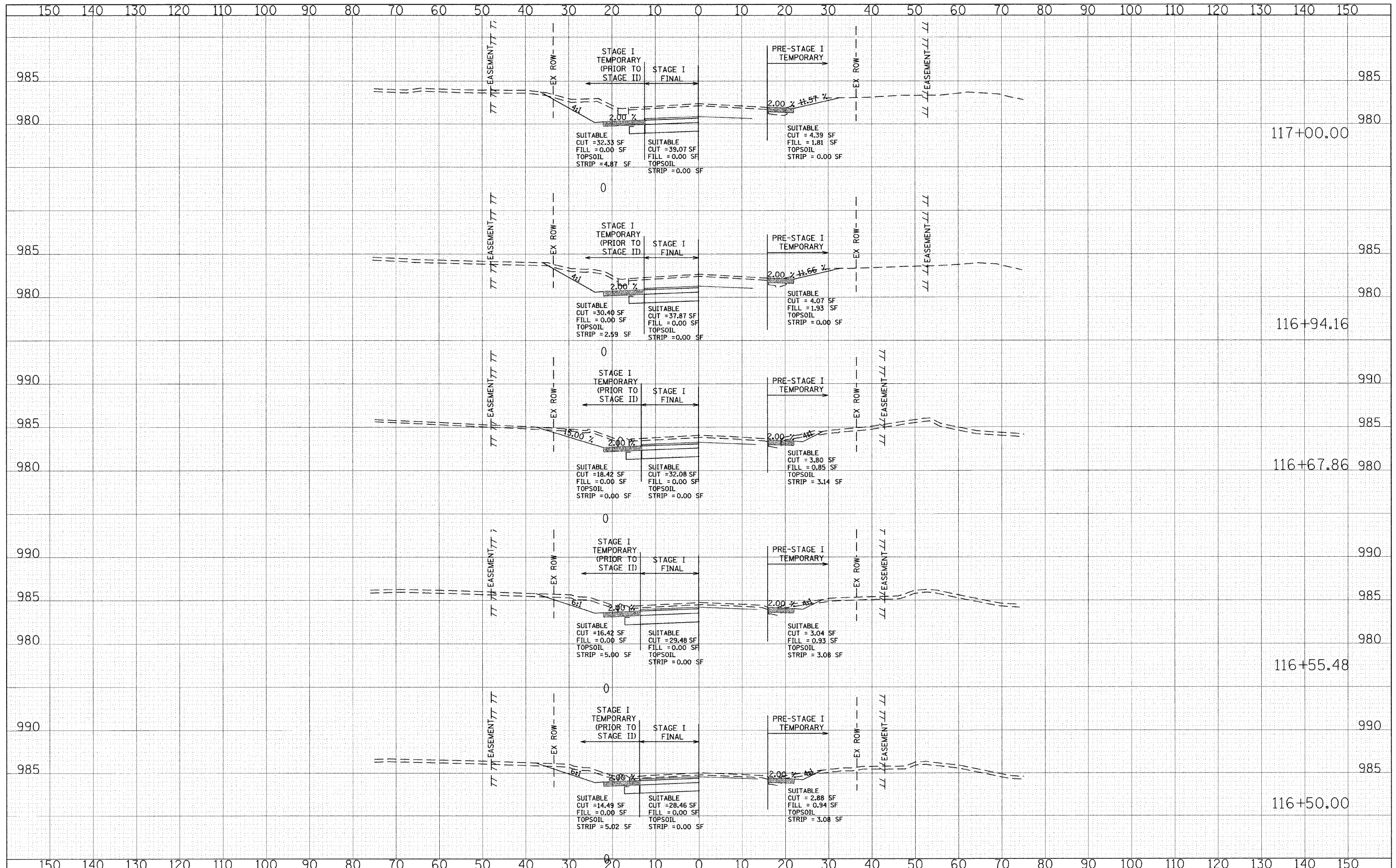
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NOTE BOOK	TEMPLATE		
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NOTE BOOK	TEMPLATE
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DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	TEMPLATE
NO.	AREAS CHECKED



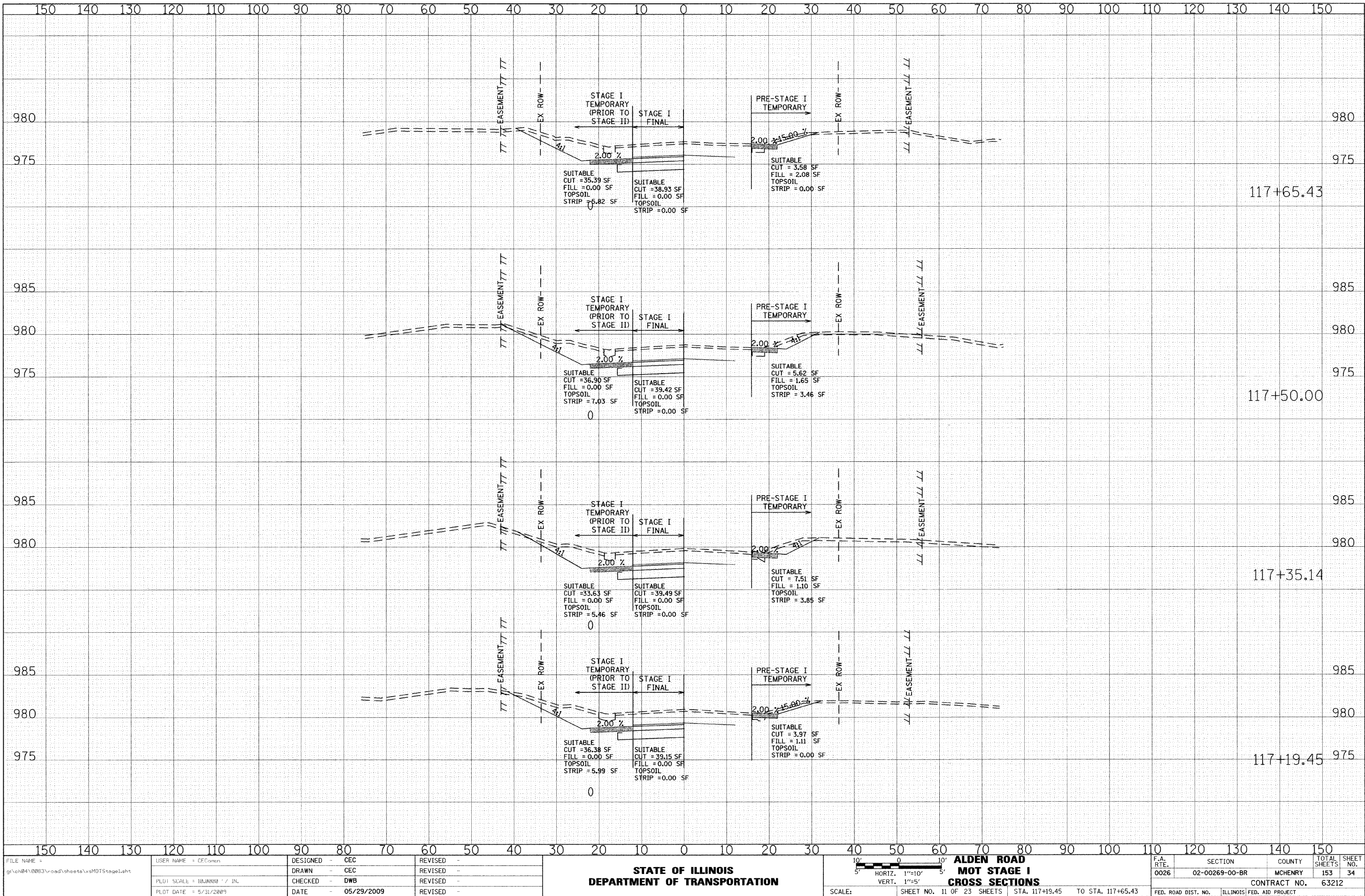
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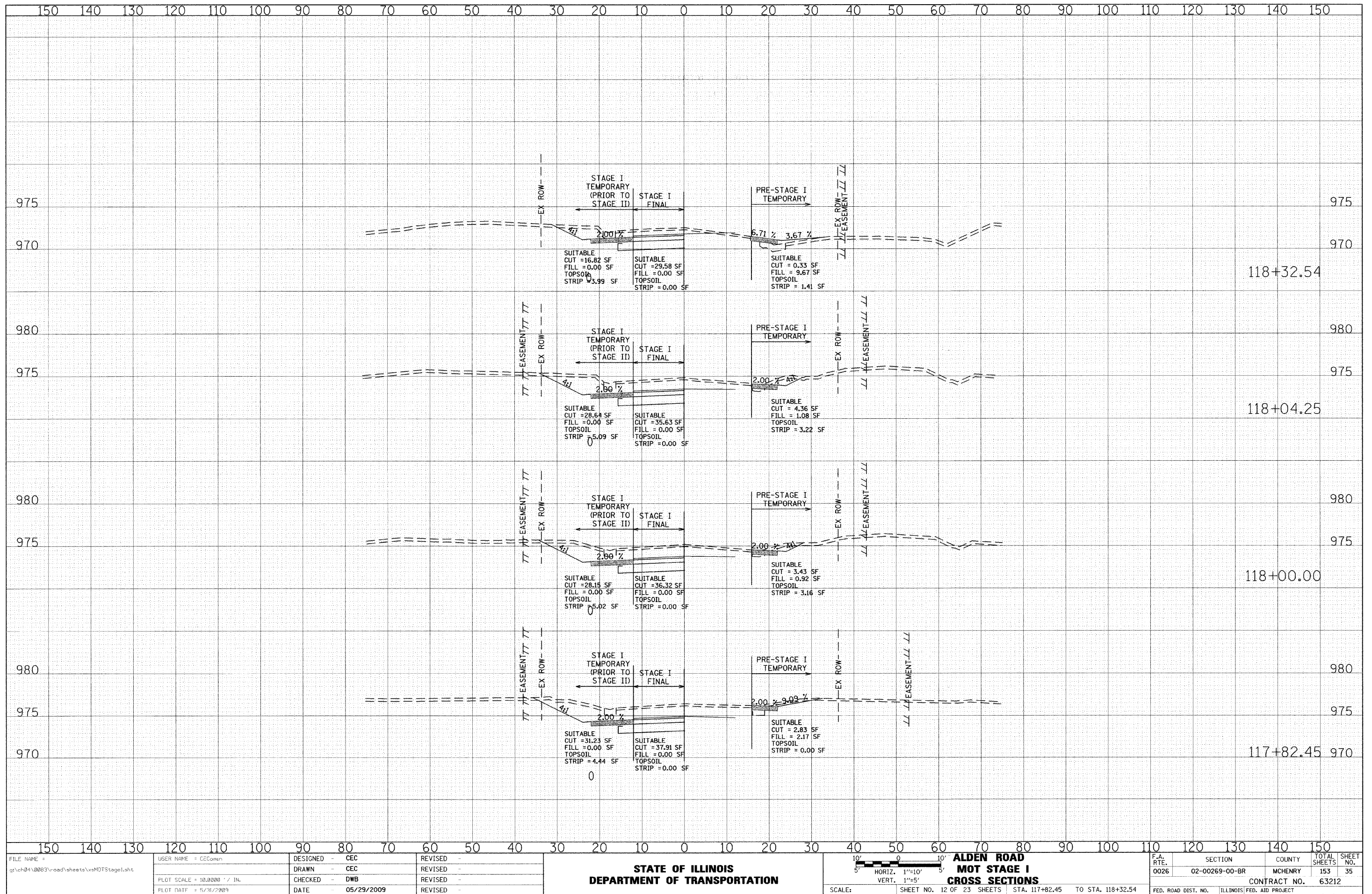
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DATE	BY	DATE	BY
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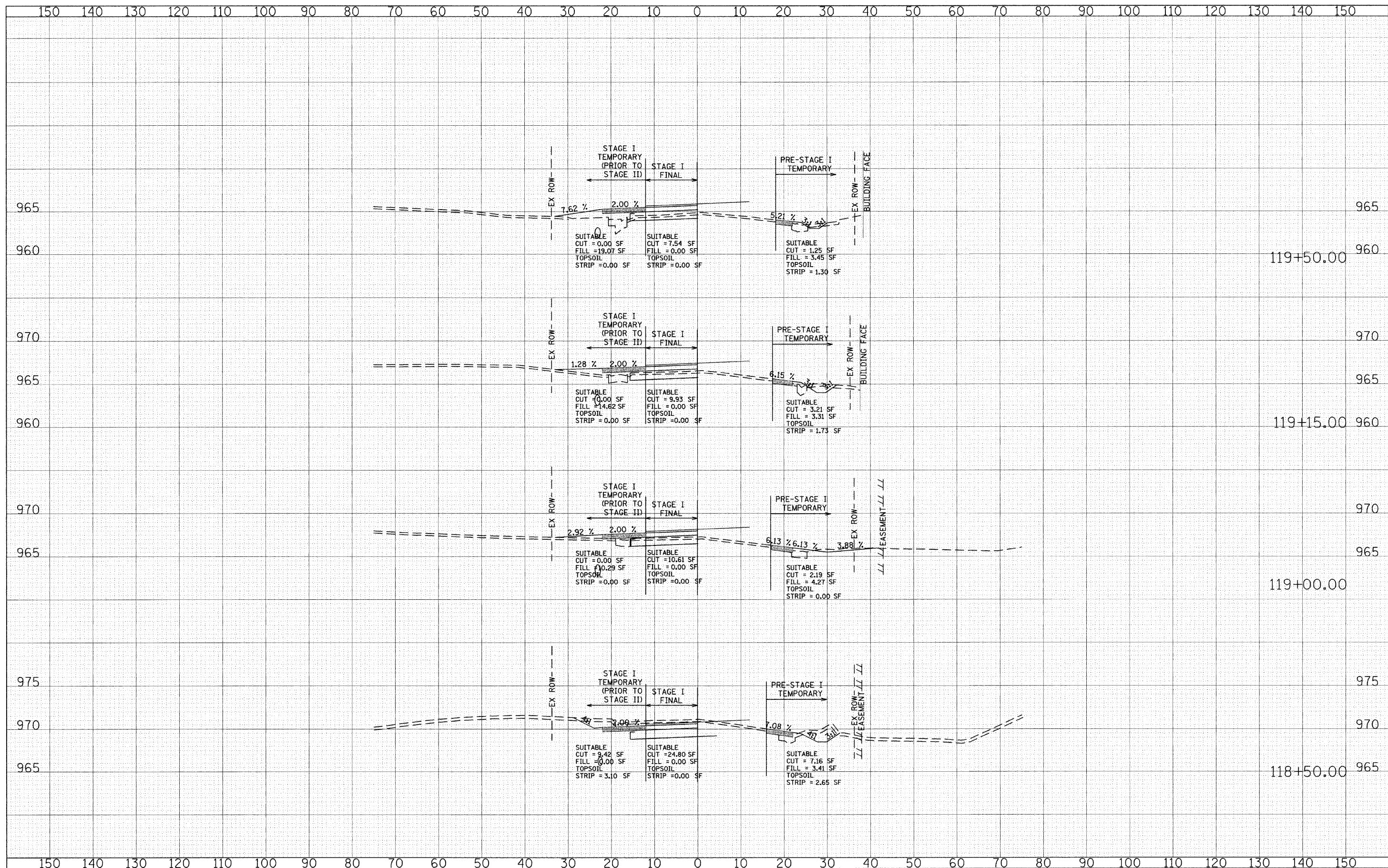
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NO.	AREAS CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS		
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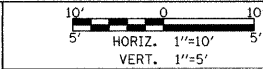
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PLOT SCALE = 10.0000' / IN
PLOT DATE = 9/28/2009

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CHECKED	-	DWB
DATE	-	09/28/2009

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REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**ALDEN ROAD
MOT STAGE I
CROSS SECTIONS**

F.A. RTE. 0026

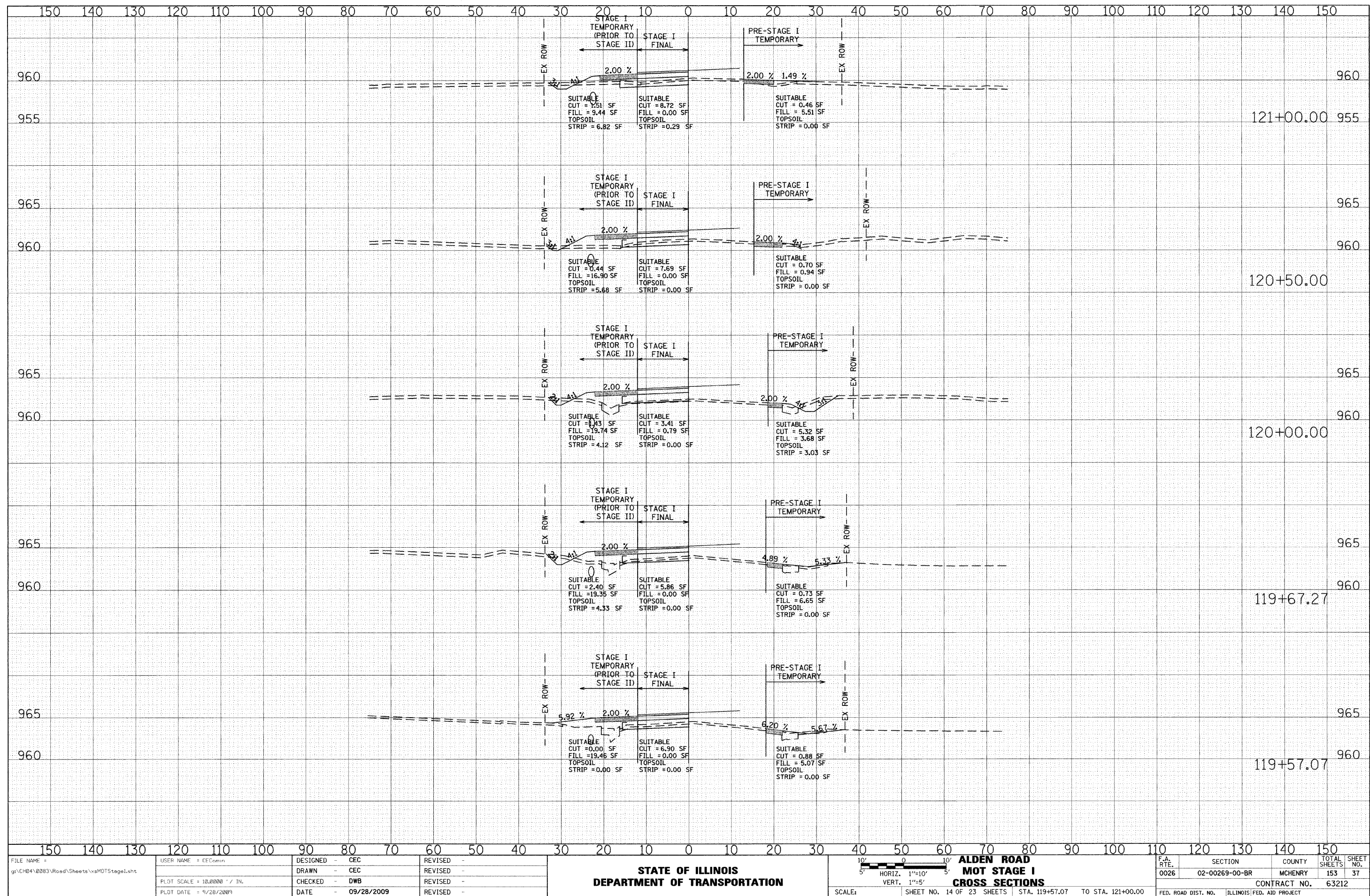
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02-00269-00-BB

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	153	36

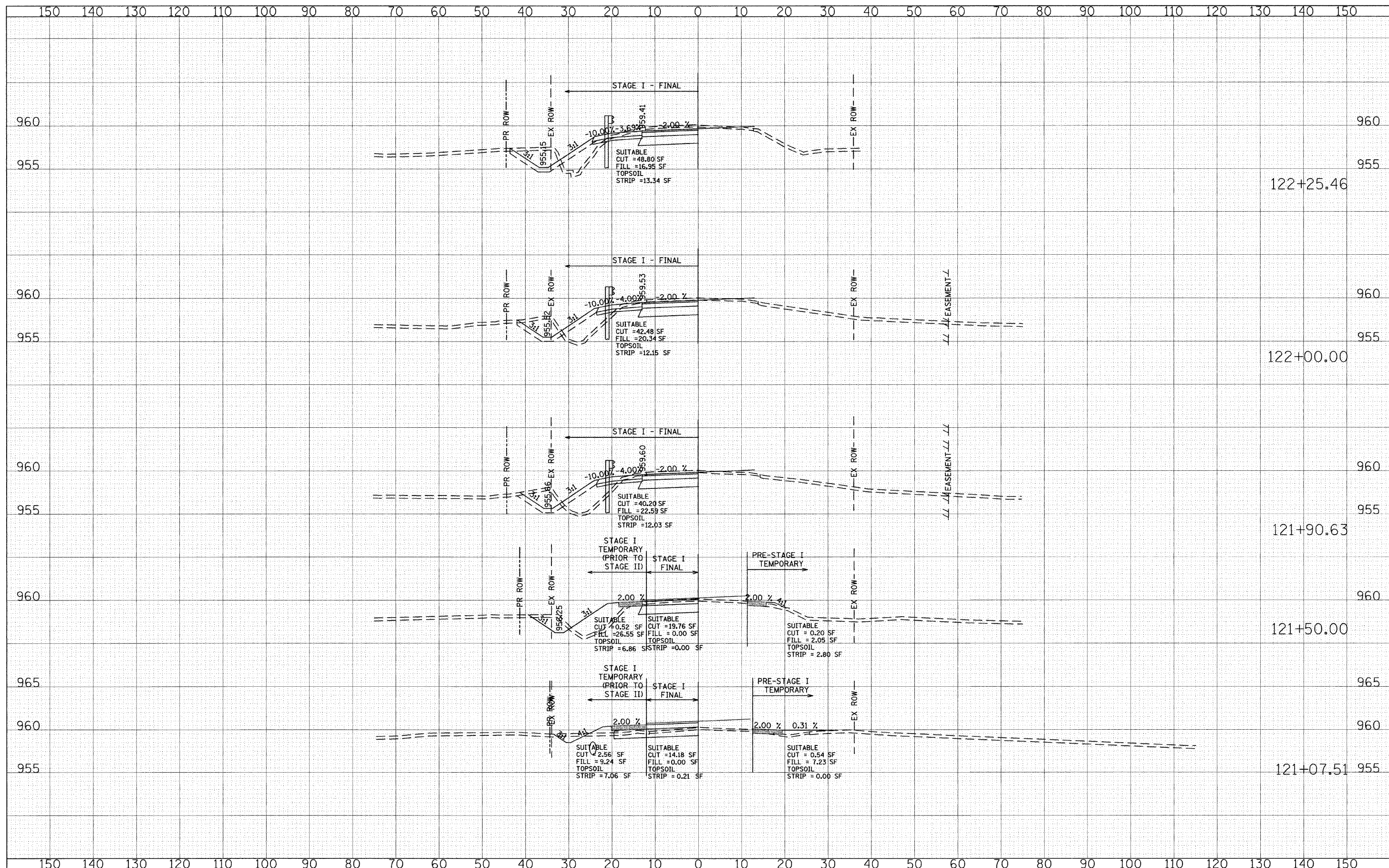
CONTRACT NO.	63212
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
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NOTE BOOK	PLOTTED _____		
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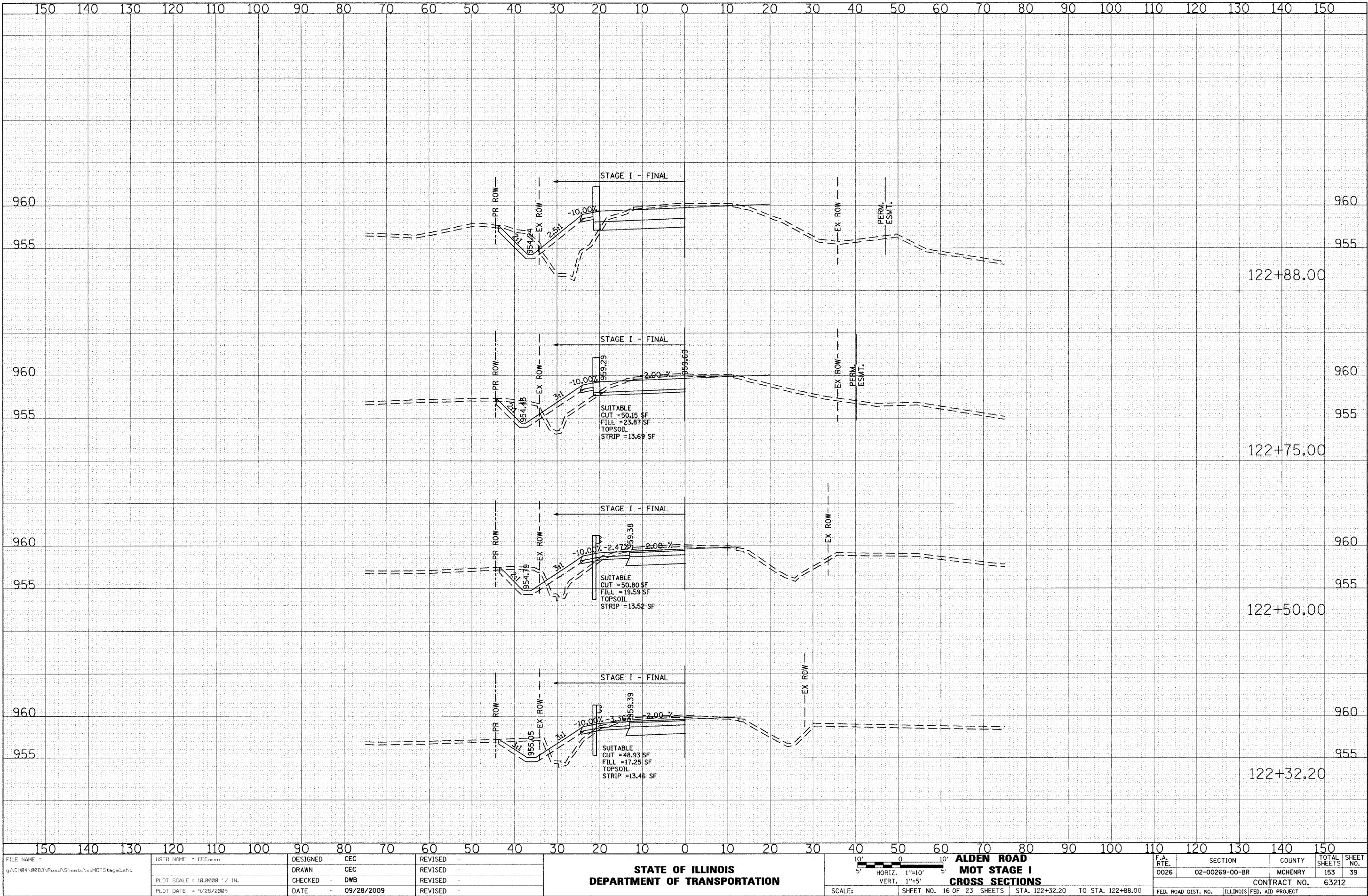
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SURVEY	SURVED		
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		DATE = 09/28/2009	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
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	PLOT DATE = 9/28/2009								

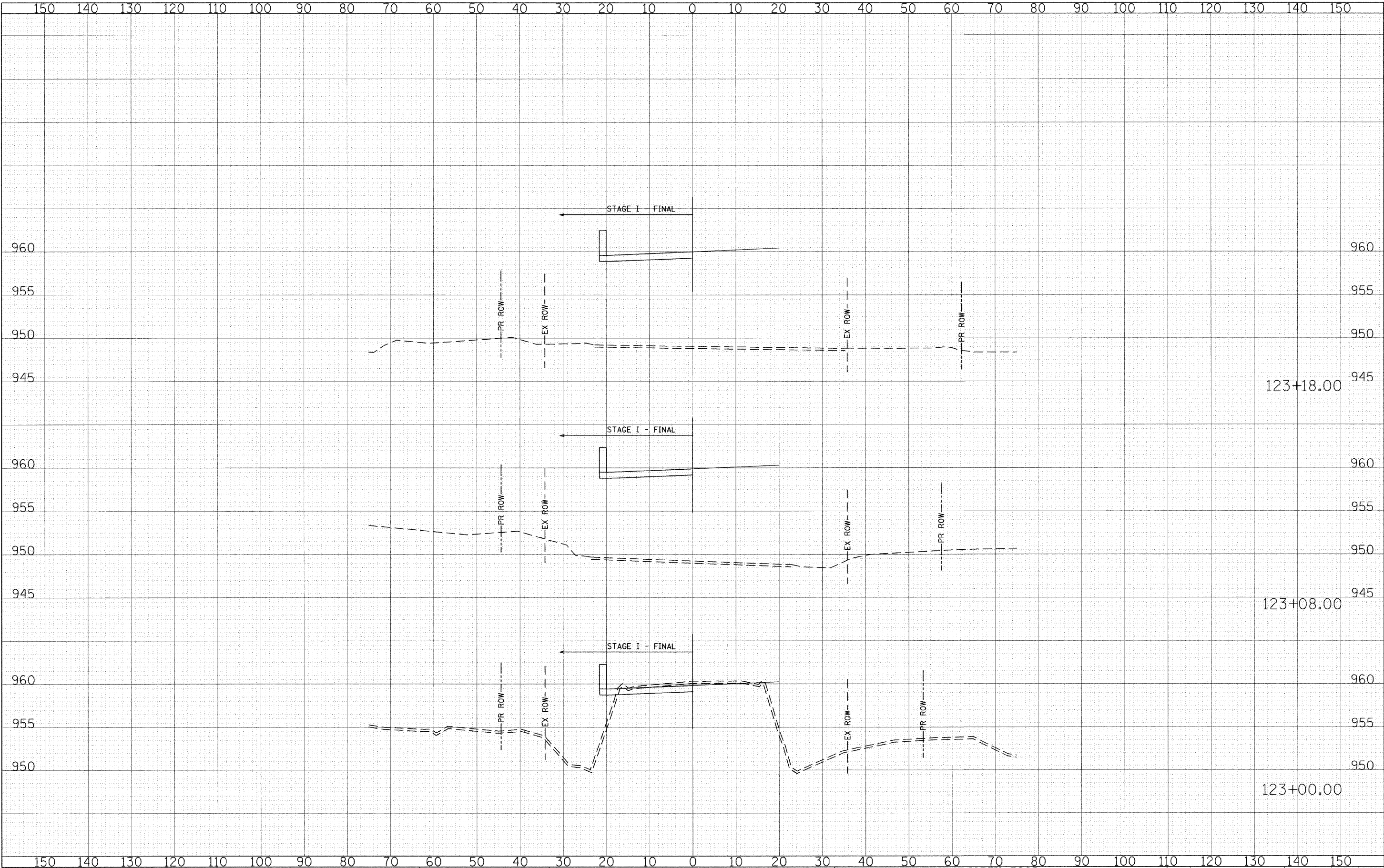
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SURVEY		
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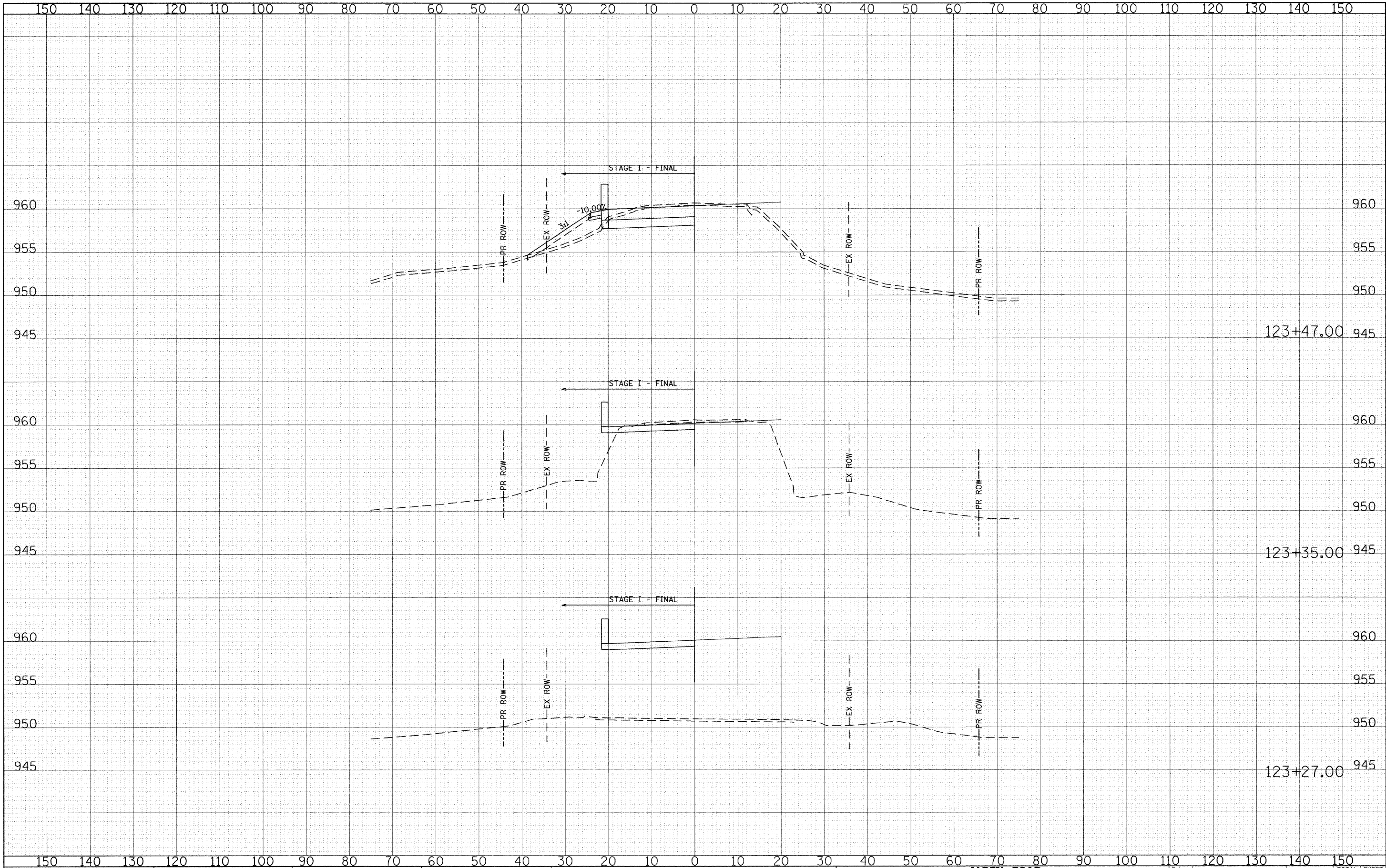
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NO.	PLOTTED		
	NOTE BOOK		
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NO.	PLOTTED		
	NOTE BOOK		
	AREAS CHECKED		



FINAL	SURVEYED	BY	DATE
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NOTE BOOK	TEMPLATE		
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NOTE BOOK	TEMPLATE		
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DRAWN - CEC
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DATE - 05/29/2009

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

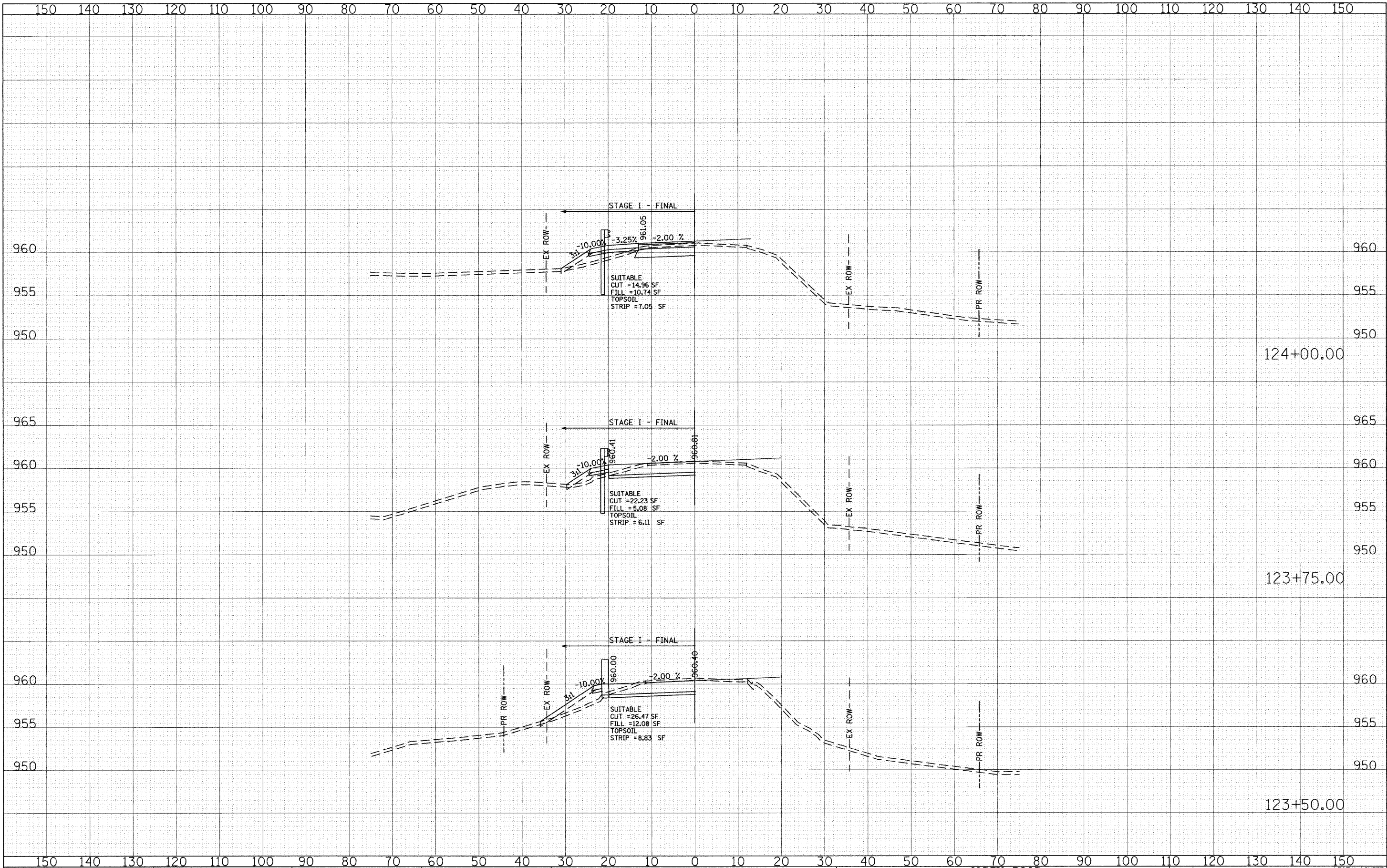
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VERT. 1"=5'
SCALE: SHEET NO. 18 OF 23 SHEETS STA. 123+27.00 TO STA. 123+47.00

ALDEN ROAD
MOT STAGE I
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	41
CONTRACT NO.				63212
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
NO.	

ORIGINAL	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
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DATE - 09/28/2009

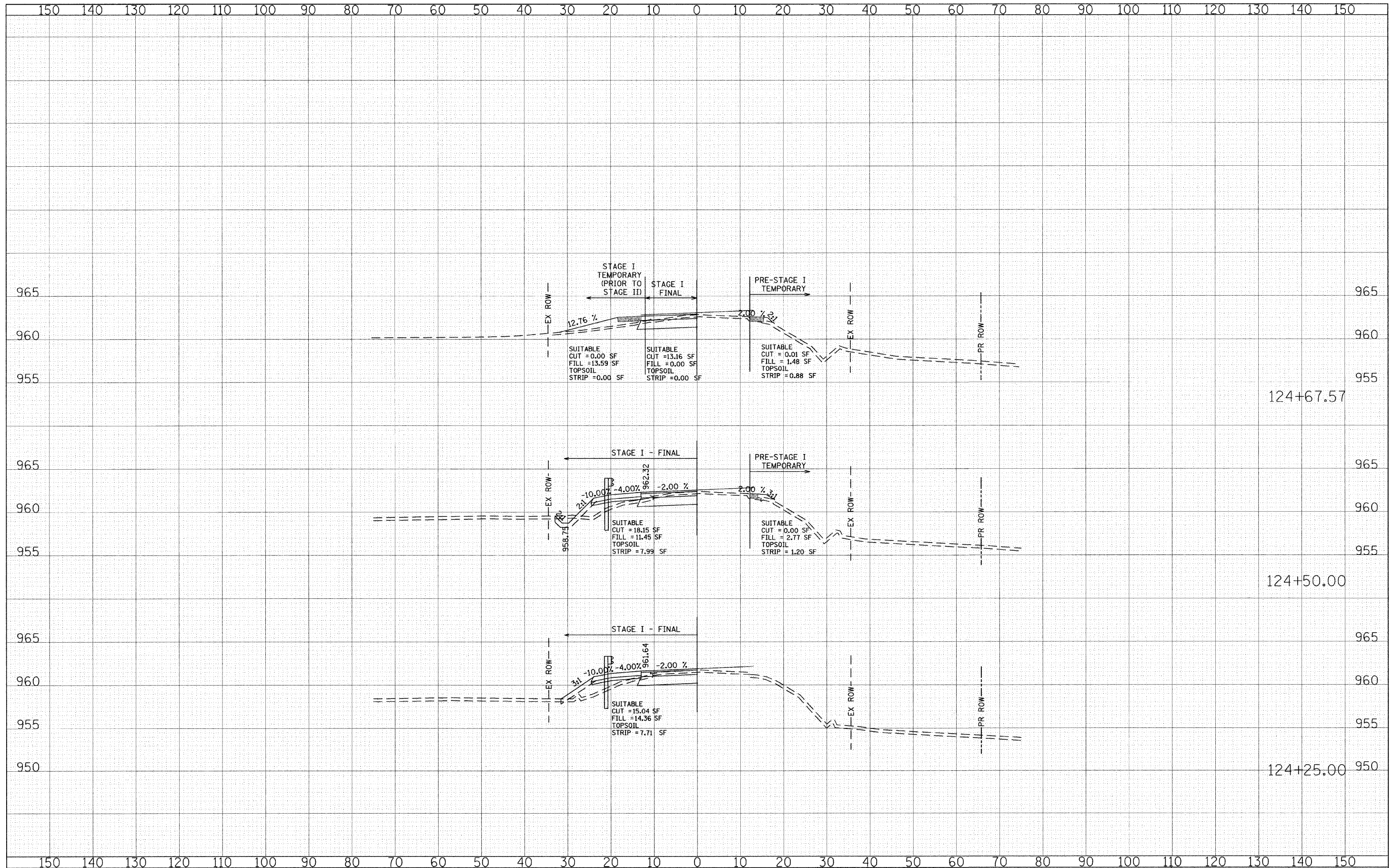
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALDEN ROAD
MOT STAGE I
CROSS SECTIONS
SCALE: 1"=10' HORIZ. 1"=5' VERT.
SHEET NO. 19 OF 23 SHEETS STA. 123+50.00 TO STA. 124+00.00

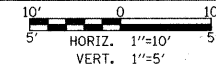
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CONTRACT NO. 63212				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPERATURE _____		
	AREAS _____		
NO.	AREAS CURNED _____		



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REVISED	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

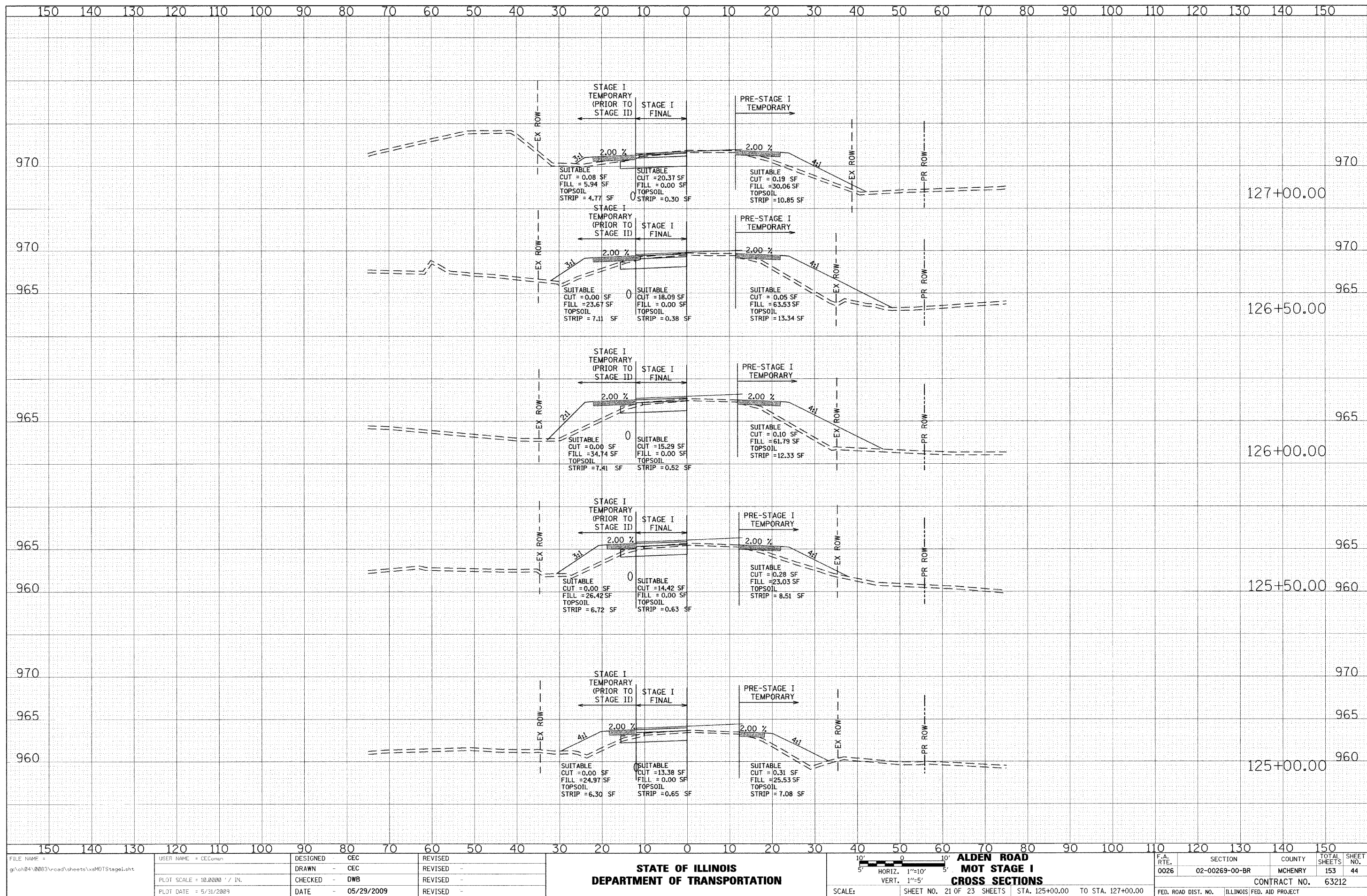


**ALDEN ROAD
MOT STAGE I
CROSS SECTIONS**

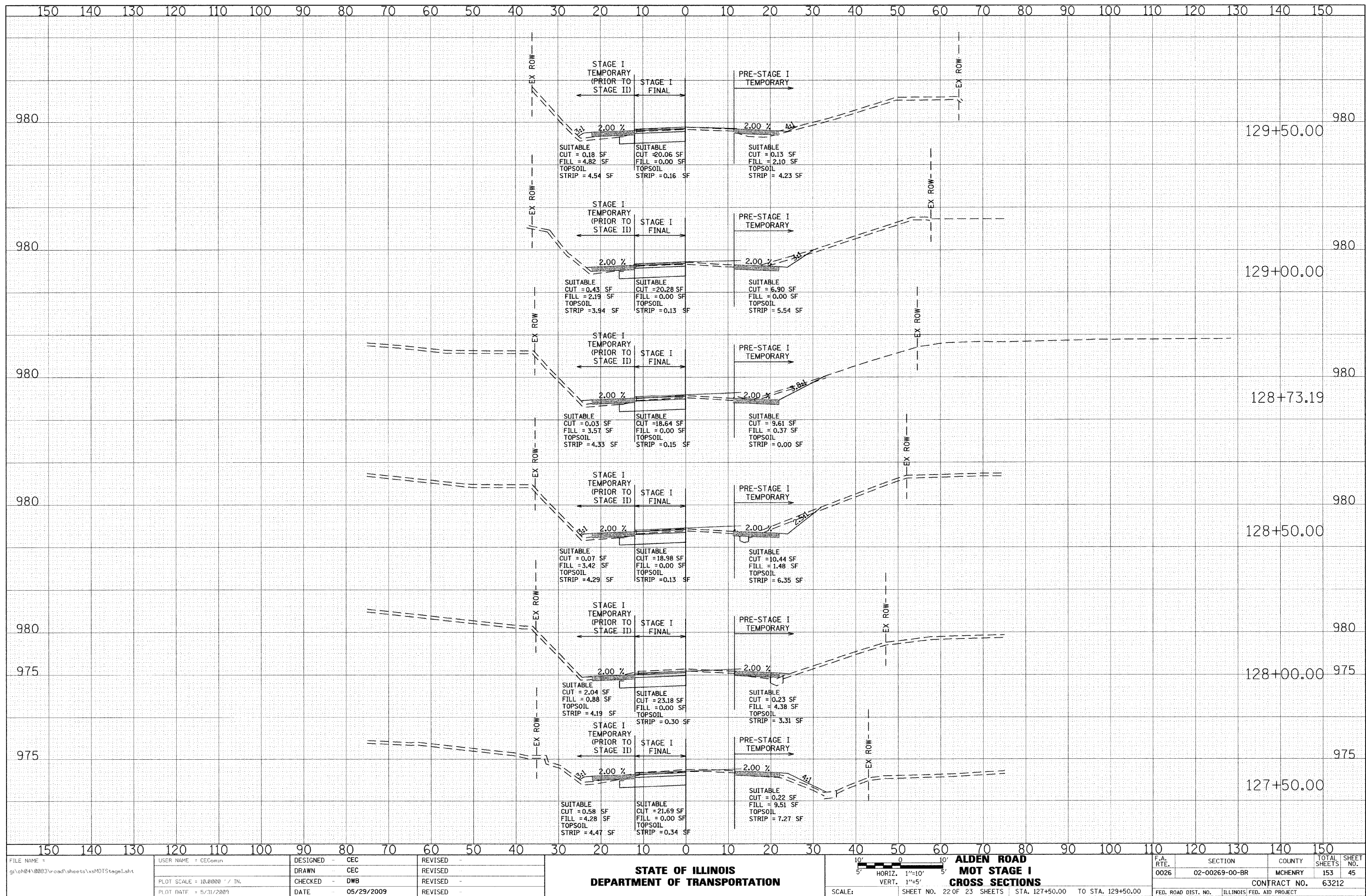
COUNTY	TOTAL SHEETS	SHEE NO.
MCHENRY	153	43

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
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ORIGINAL	BY _____	DATE _____
SURVEY		
PLOTTED		
NOTE BOOK	TEMPLATE	
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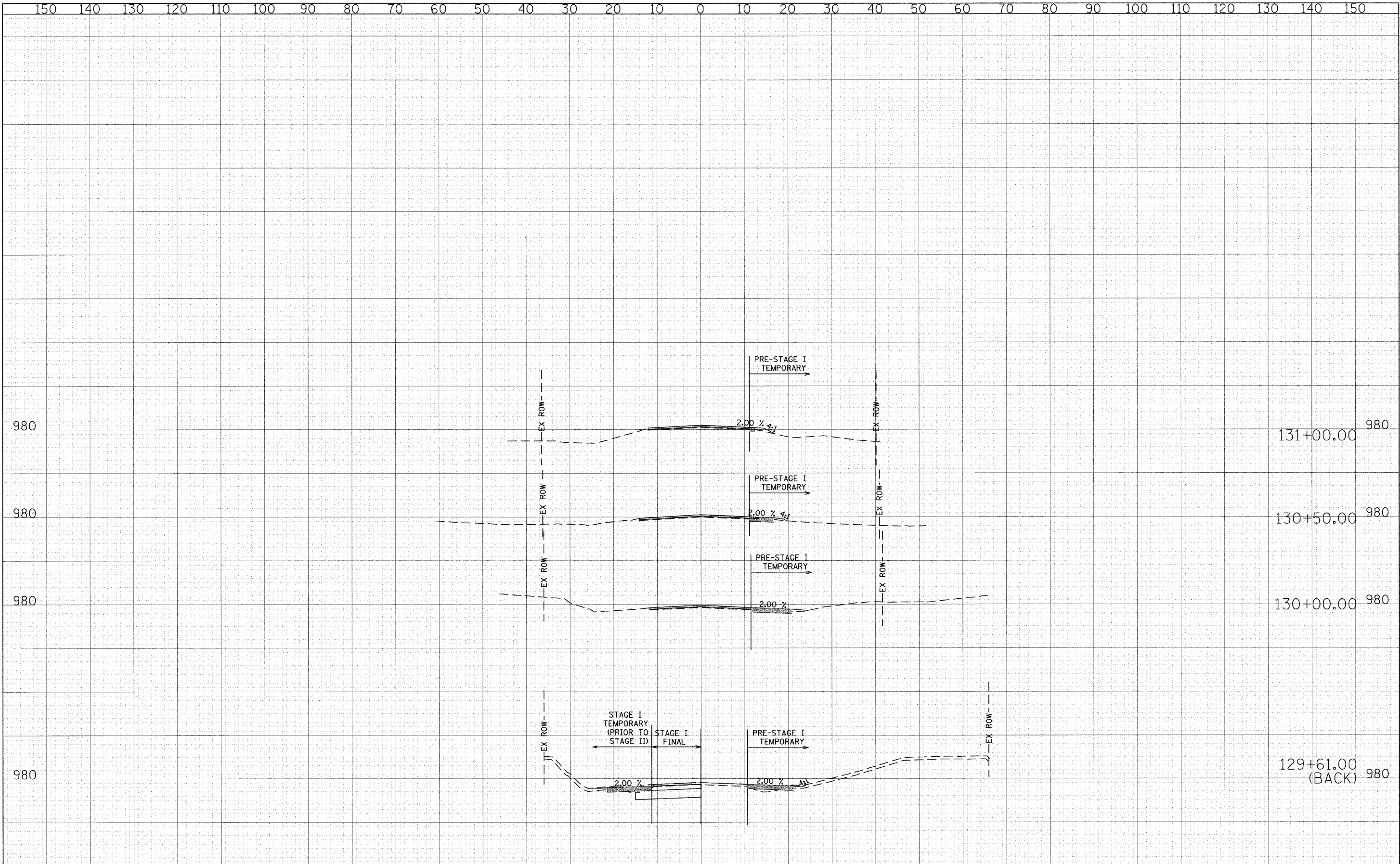


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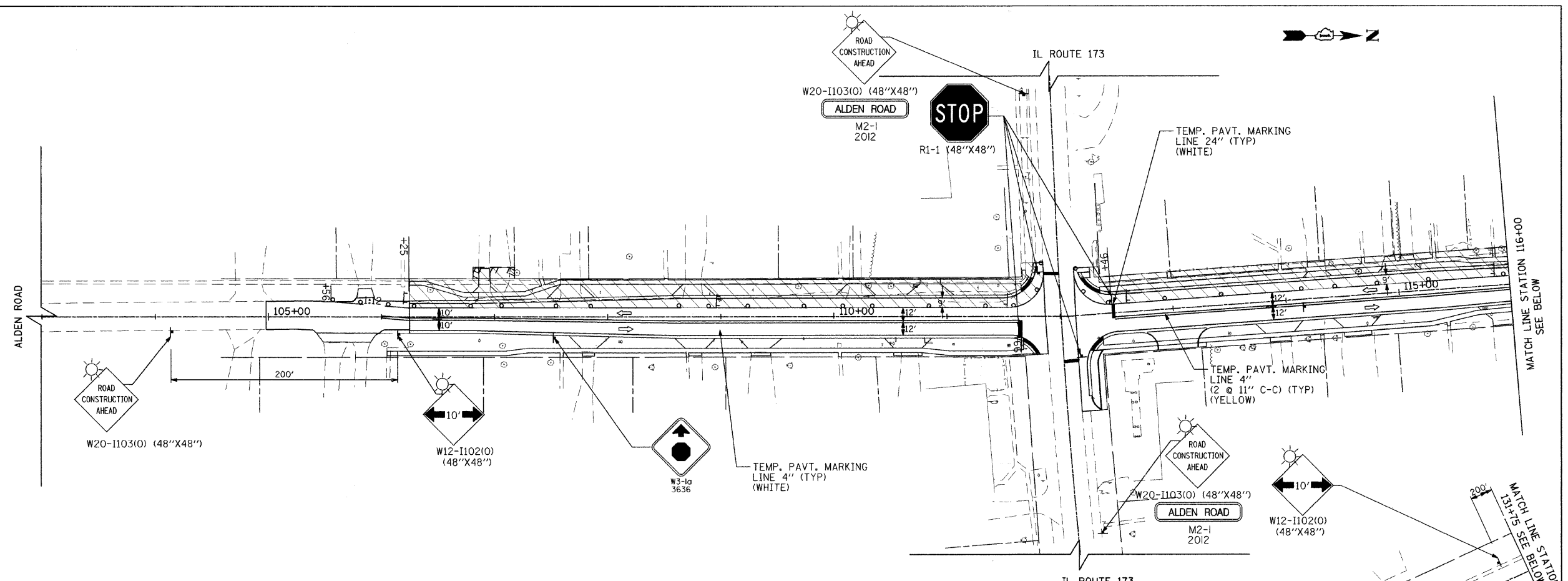


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ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREA CHECKED		



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150										
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		DRAWN - CEC	REVISED -			CONTRACT NO. 63212				
	PLOT SCALE = 1/8"=10' / IN.	CHECKED - DWB	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 5/31/2009	DATE - 05/29/2009	REVISED -			SHEET NO. 23 OF 23 SHEETS STA. 130+00.00 TO STA. 131+00.00				

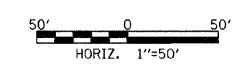
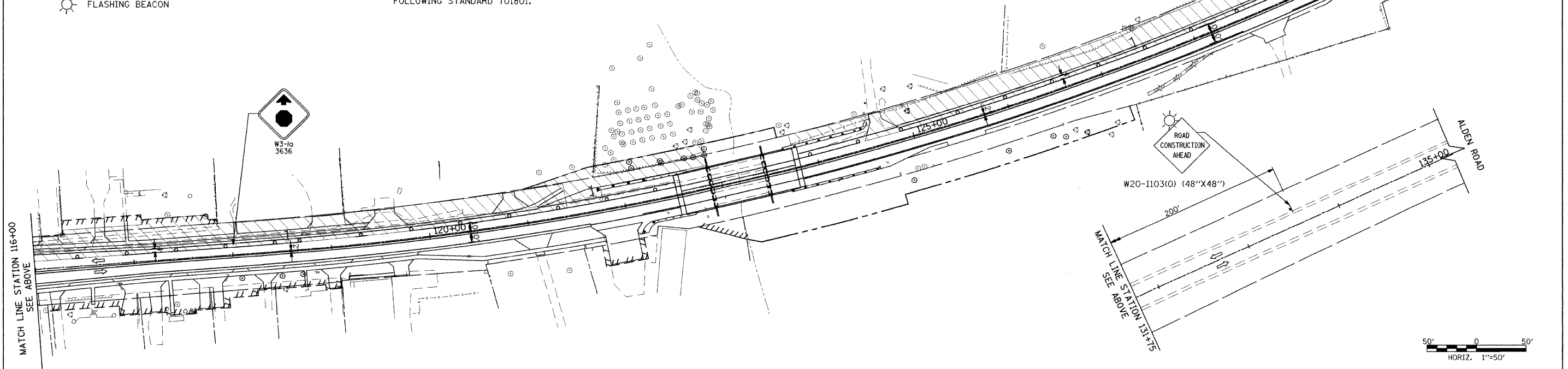


LEGEND

- DRUM WITH STEADY BURNING LIGHT
- ⌋ SIGN ON PORTABLE OR PERMANANT SUPPORT
- ▨ WORK AREA
- STOP BAR, 24"
- ☀ FLASHING BEACON

NOTES:

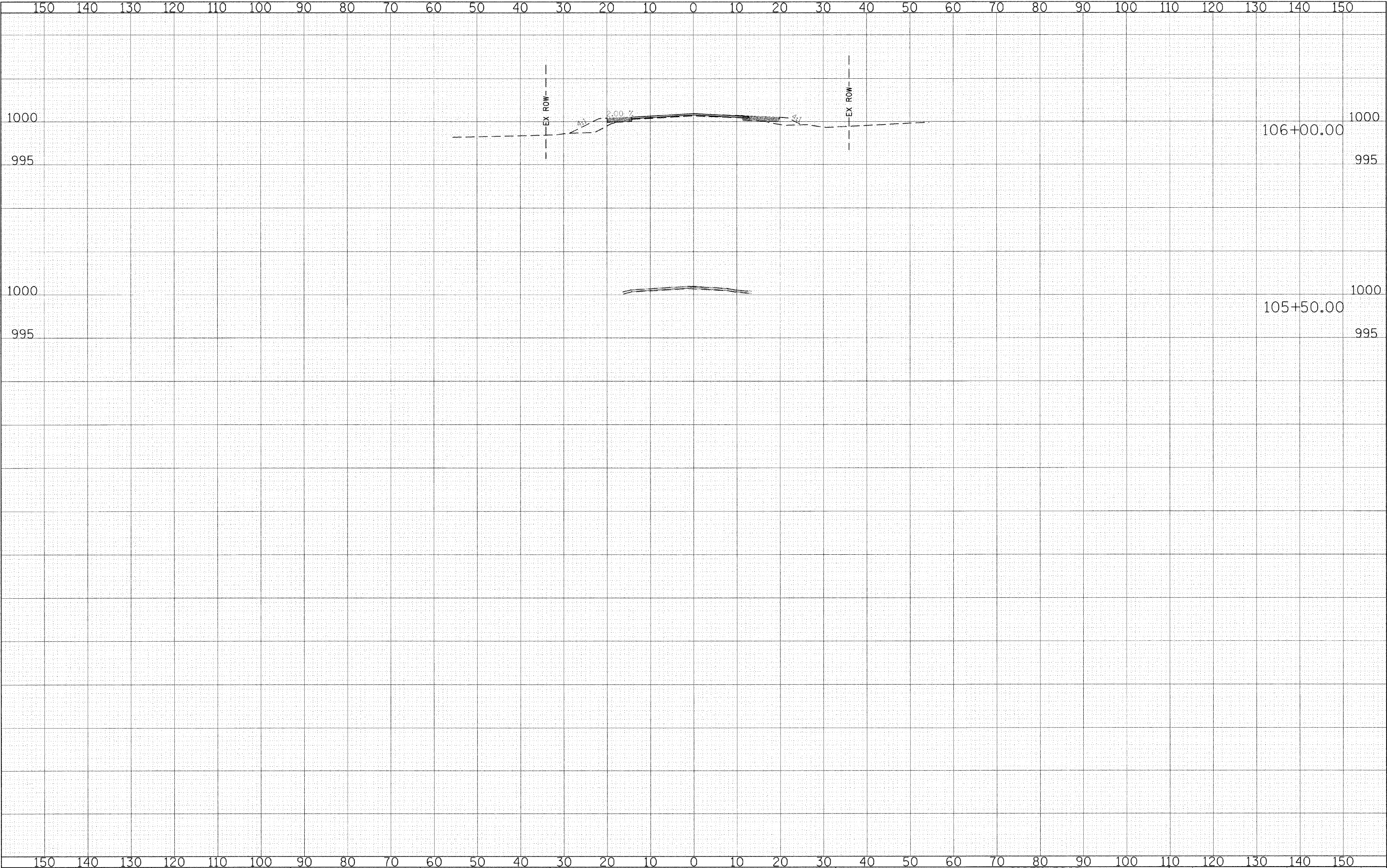
1. ALL DRIVEWAY ENTRANCES SHOULD BE APPROPRIATELY SIGNED, PER IDOT DISTRICT ONE STANDARD TC-26 DRIVEWAY ENTRANCE SIGNING.
2. SIDEWALKS ALONG THE WEST SIDE OF ALDEN ROAD SHALL BE CLOSED WITHIN THE LIMITS OF THE PROJECT, FOLLOWING STANDARD 701801.



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PLOT SCALE = 50.000' / IN.	CHECKED - DWB	DATE - 09/28/2009	REVISED -			SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 63212
PLOT DATE = 9/28/2009										

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

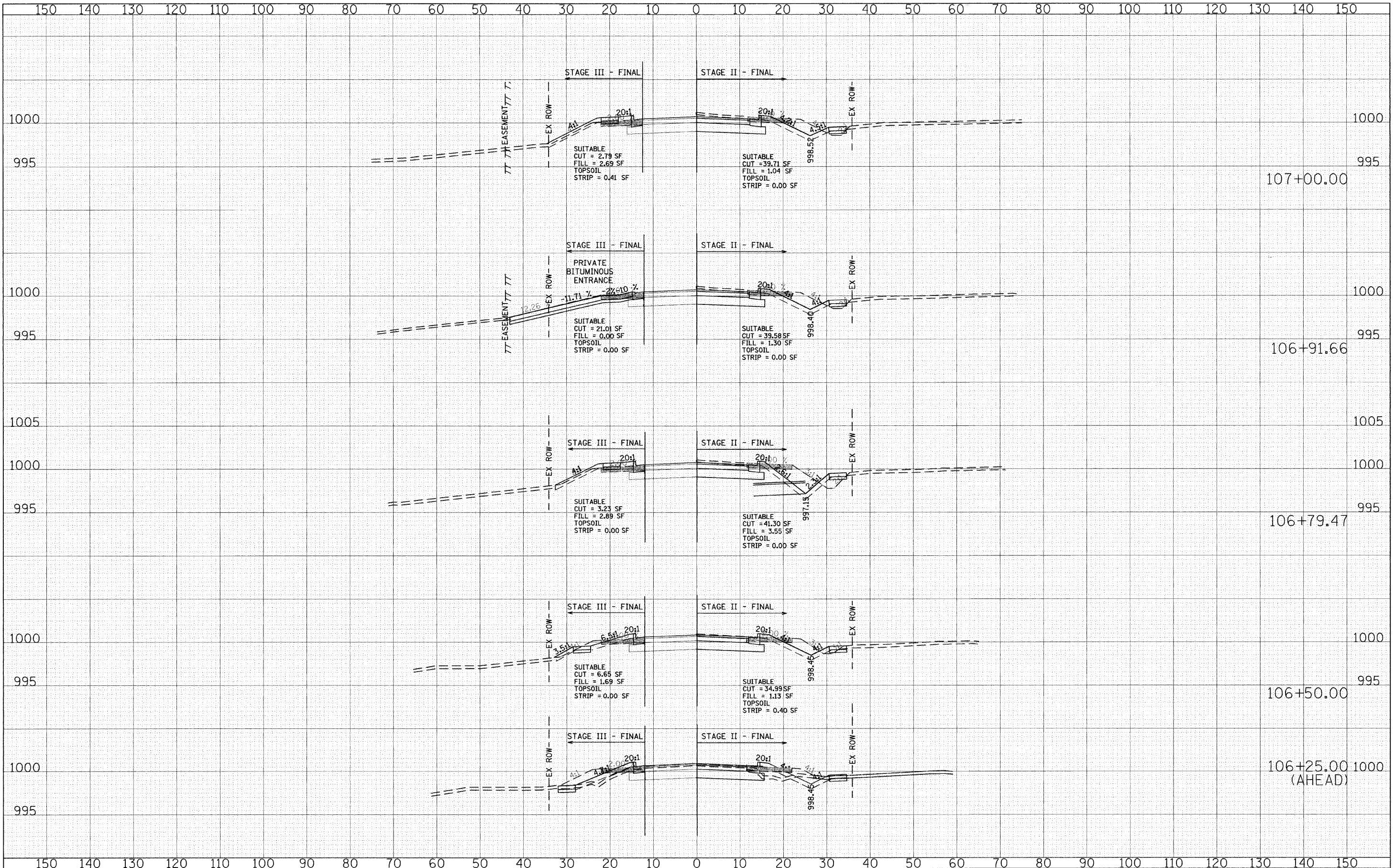
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PLOTTED	
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NOTE BOOK	
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	PLOT SCALE = 10.0000' / IN.	DRAWN - CEC	REVISED -				0026	02-00269-00-BR	MCHENRY	153	49
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	DATE - 05/29/2009	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

DATE	BY
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

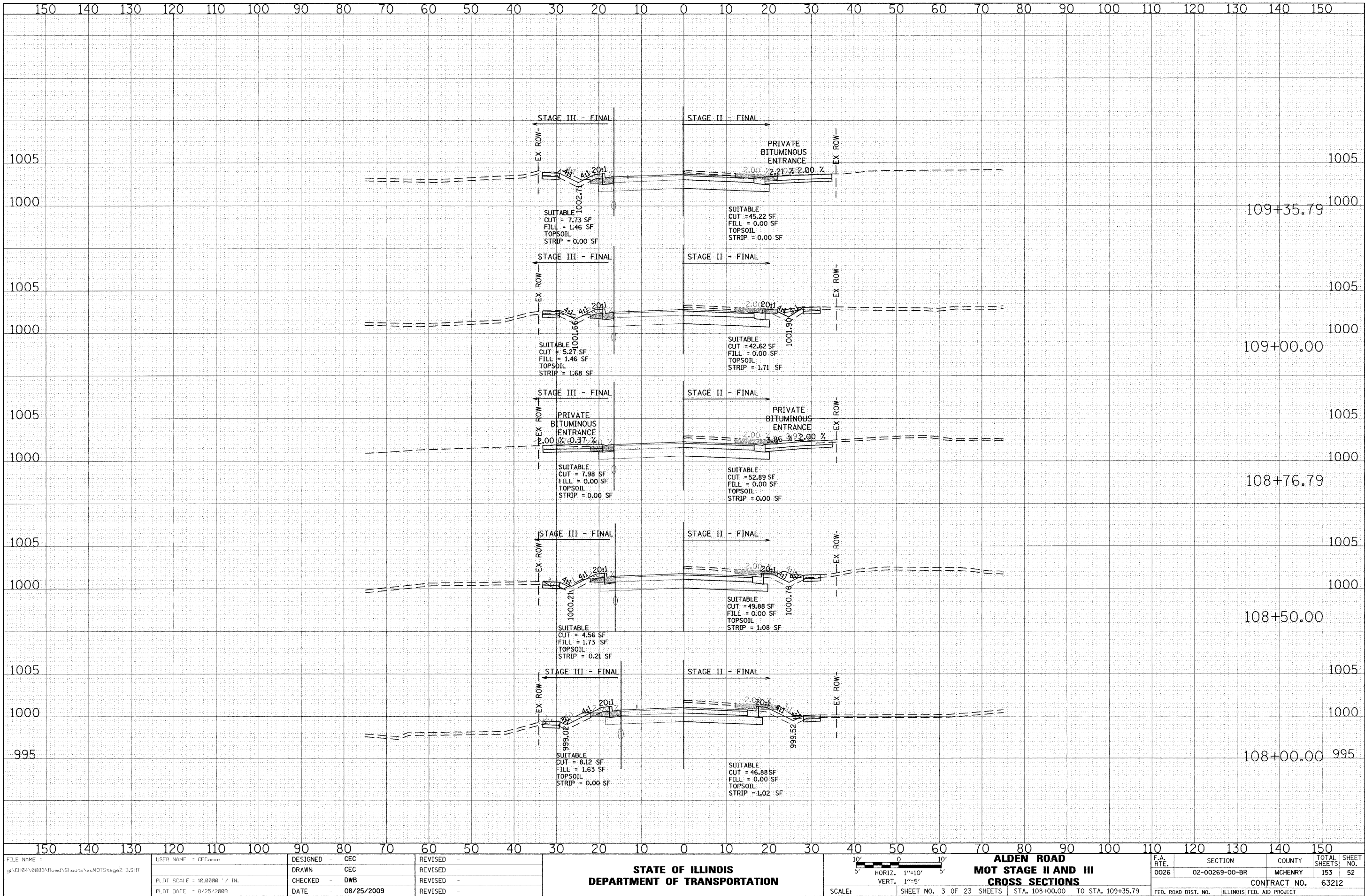
DATE	BY
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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NOTE BOOK	PLOTTED TEMPLATE		
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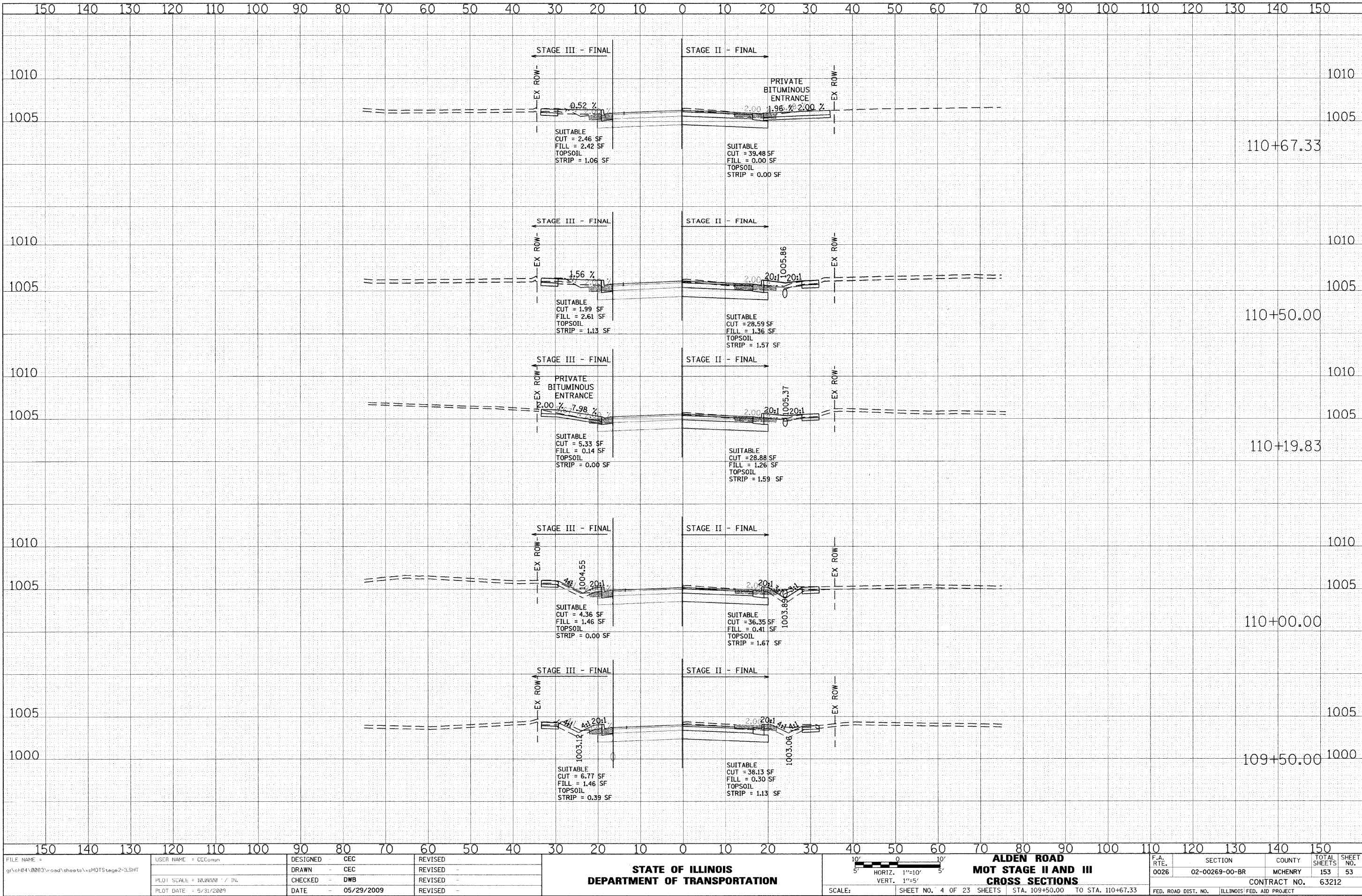
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
NO.	AREAS CHECKED

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NOTE BOOK	PLOTTED
NO.	TEMPLATE
NO.	AREAS CHECKED

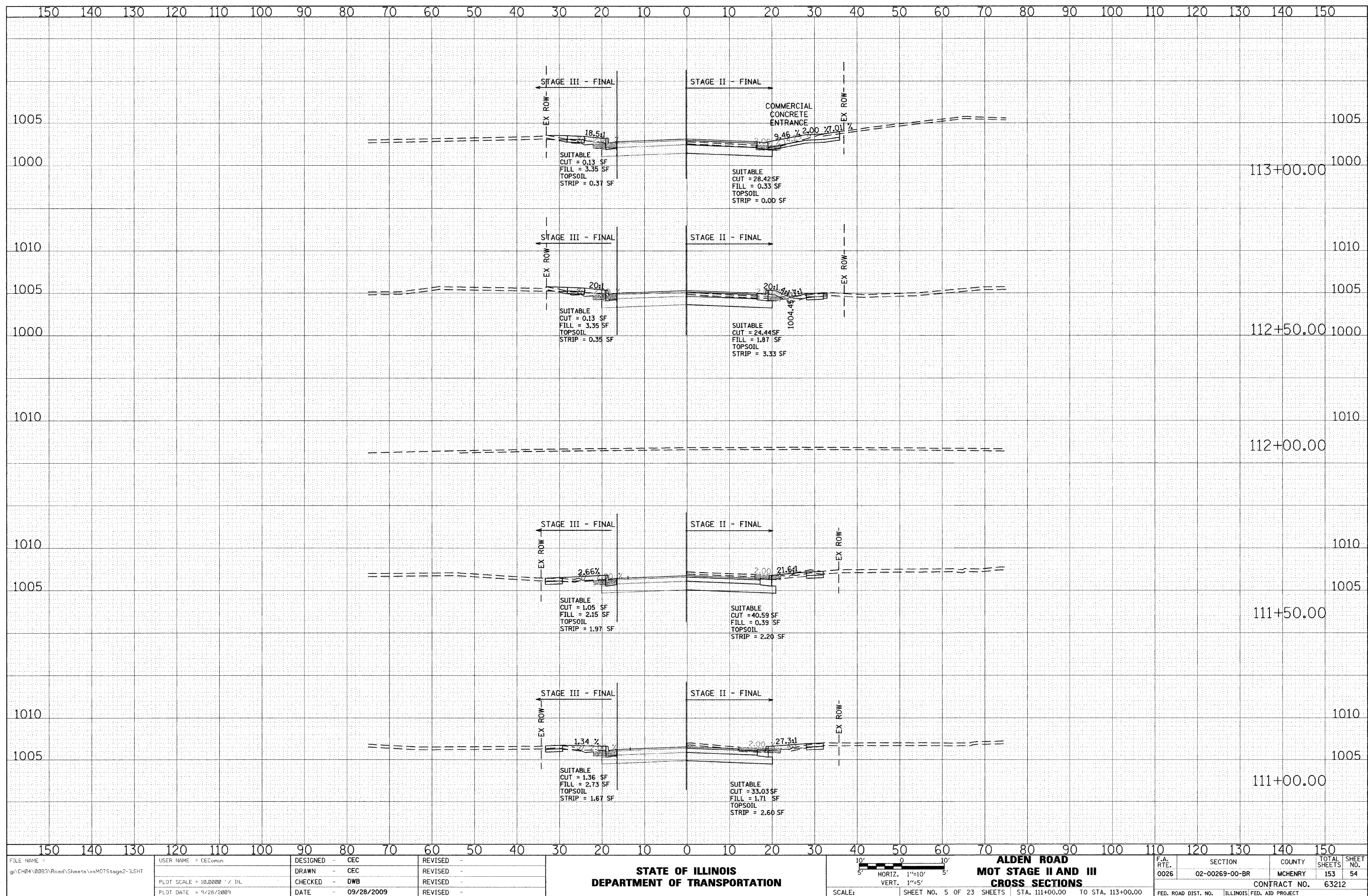


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SHEET	PLOTTED		
NOTE BOOK	TEMPLATE		
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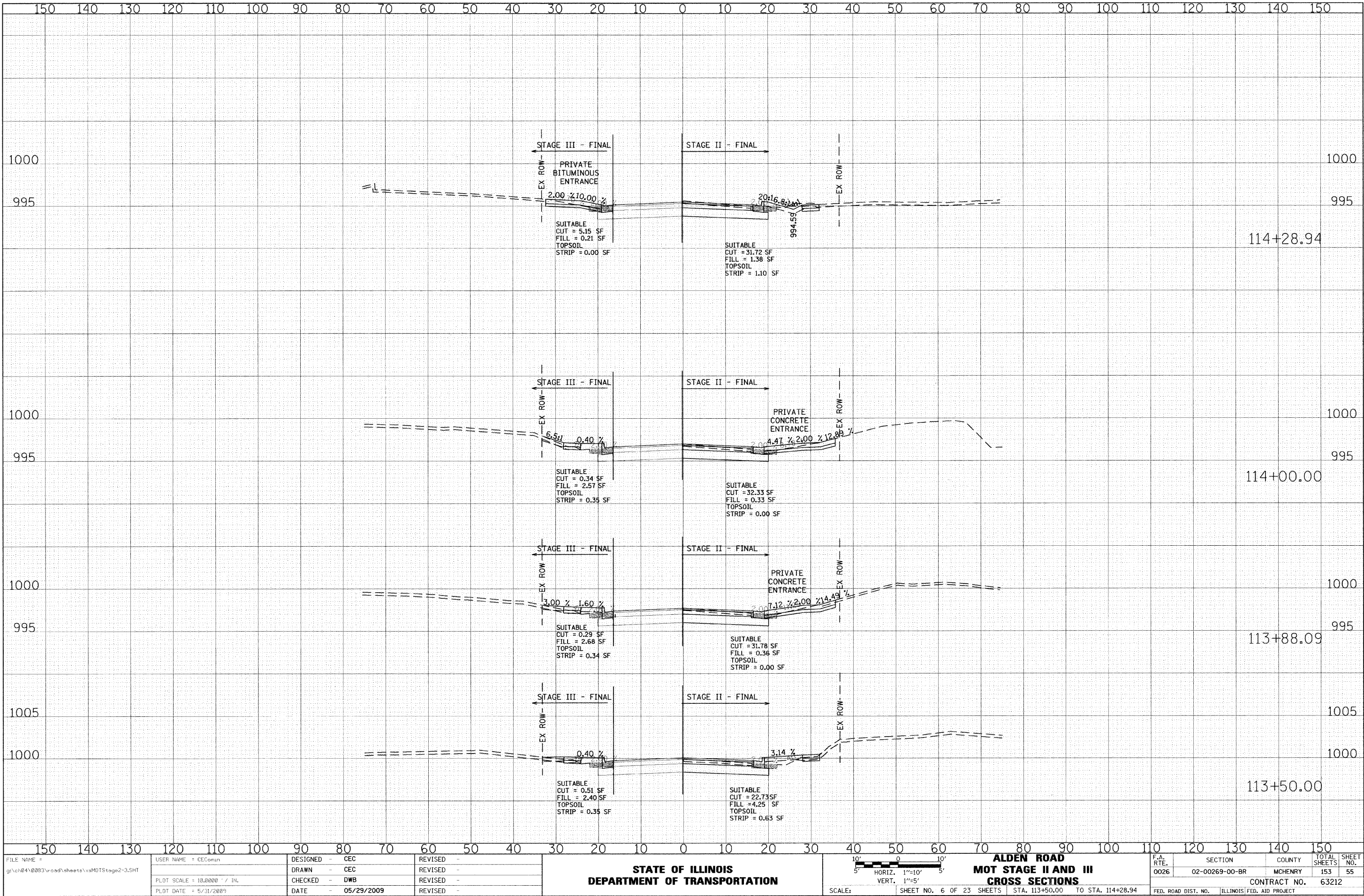


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ORIGINAL	BY
SURVEYED	
PILOTED	
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PLOTTED	
NOTE BOOK	
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ORIGINAL	DATE
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PLOTTED	
NOTE BOOK	
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PLOT DATE = 5/31/2009

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DRAWN - CEC
CHECKED - DWB
DATE - 05/29/2009

REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

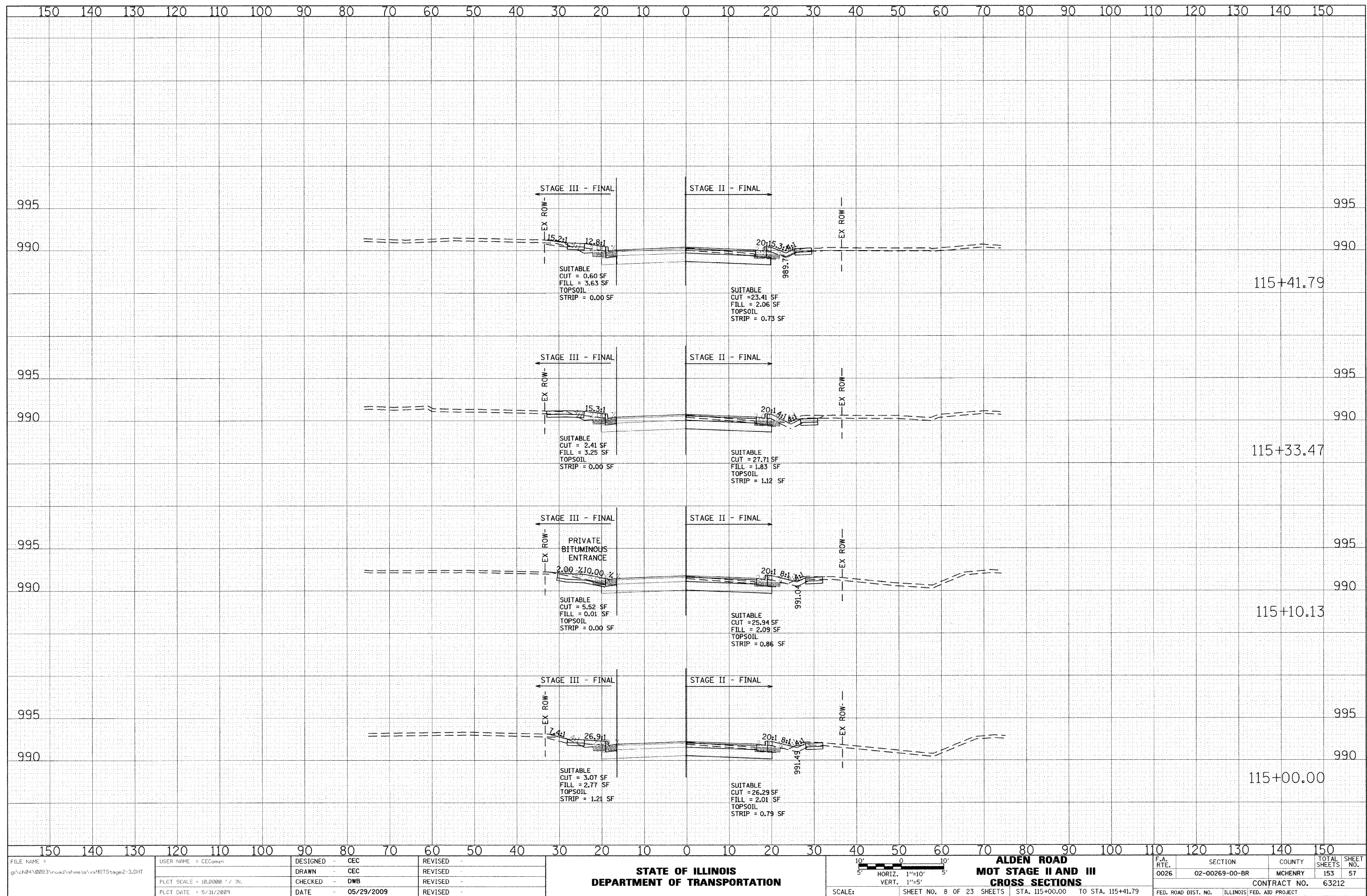
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HORIZ. 1"=10'
VERT. 1"=5'

ALDEN ROAD
MOT STAGE II AND III
CROSS SECTIONS

F.A. RTE. 0026	SECTION 02-00269-00-BR	COUNTY MCHENRY	TOTAL SHEETS 153	SHEET NO. 55
CONTRACT NO. 63212				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

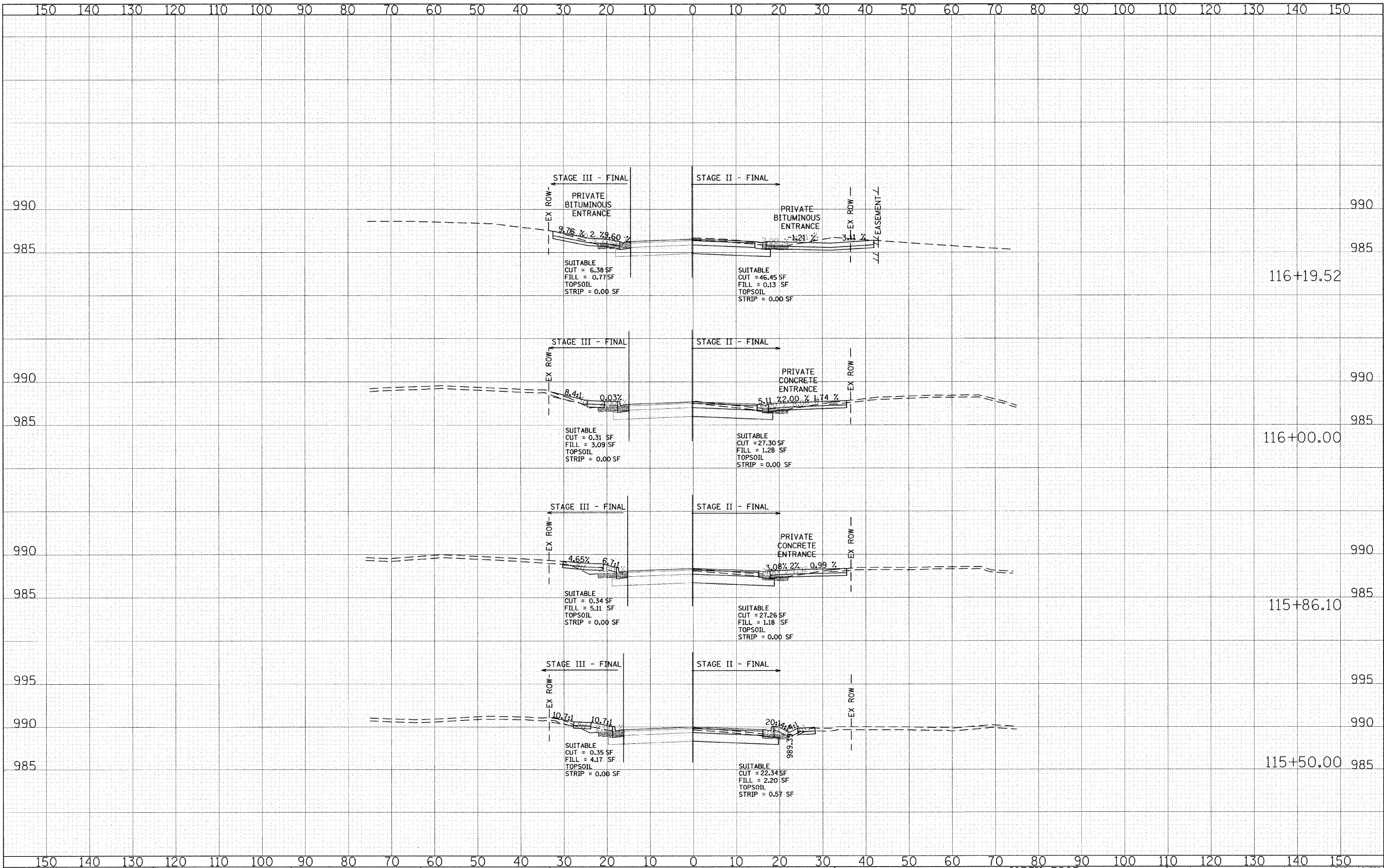
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NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
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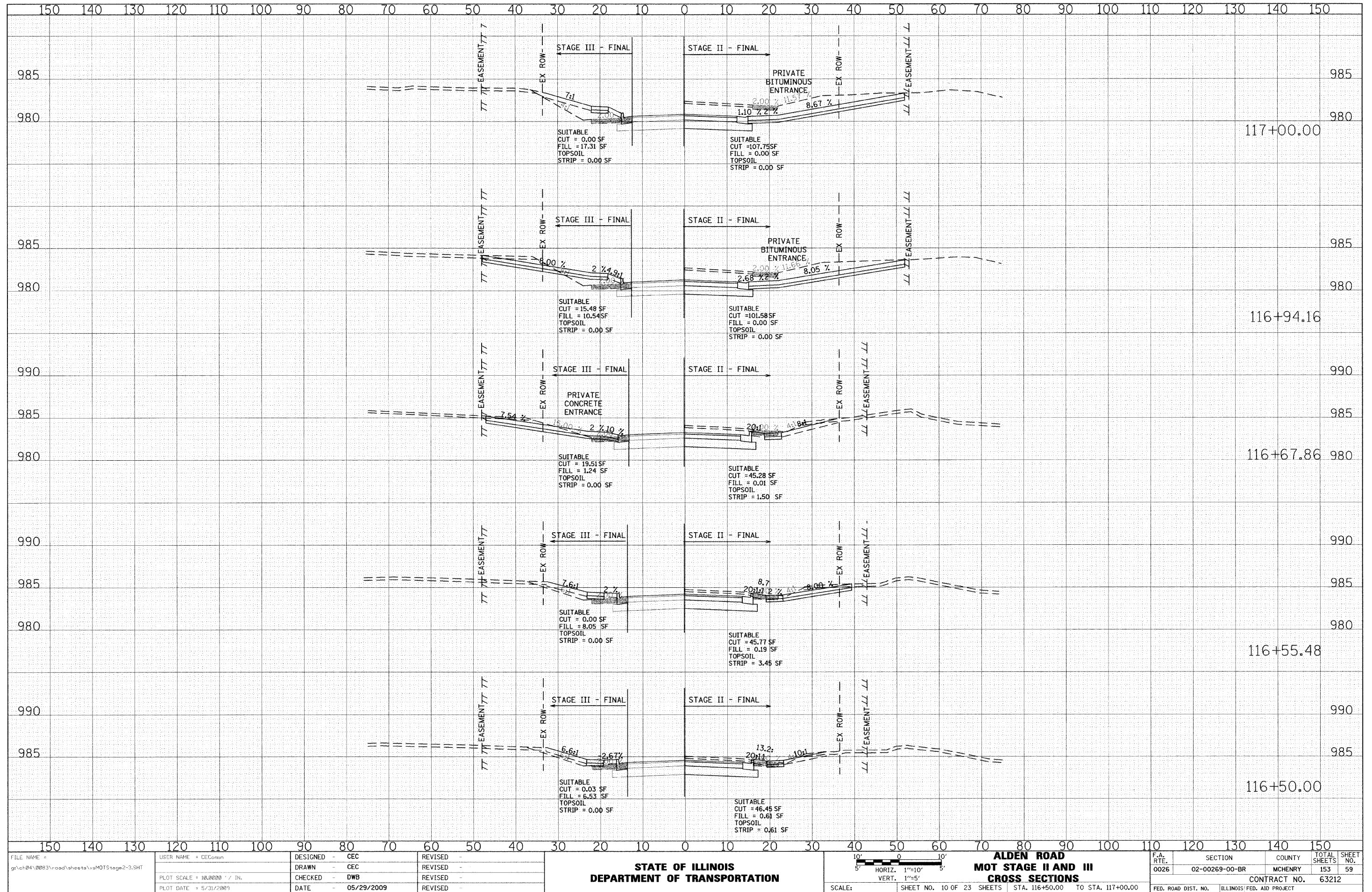


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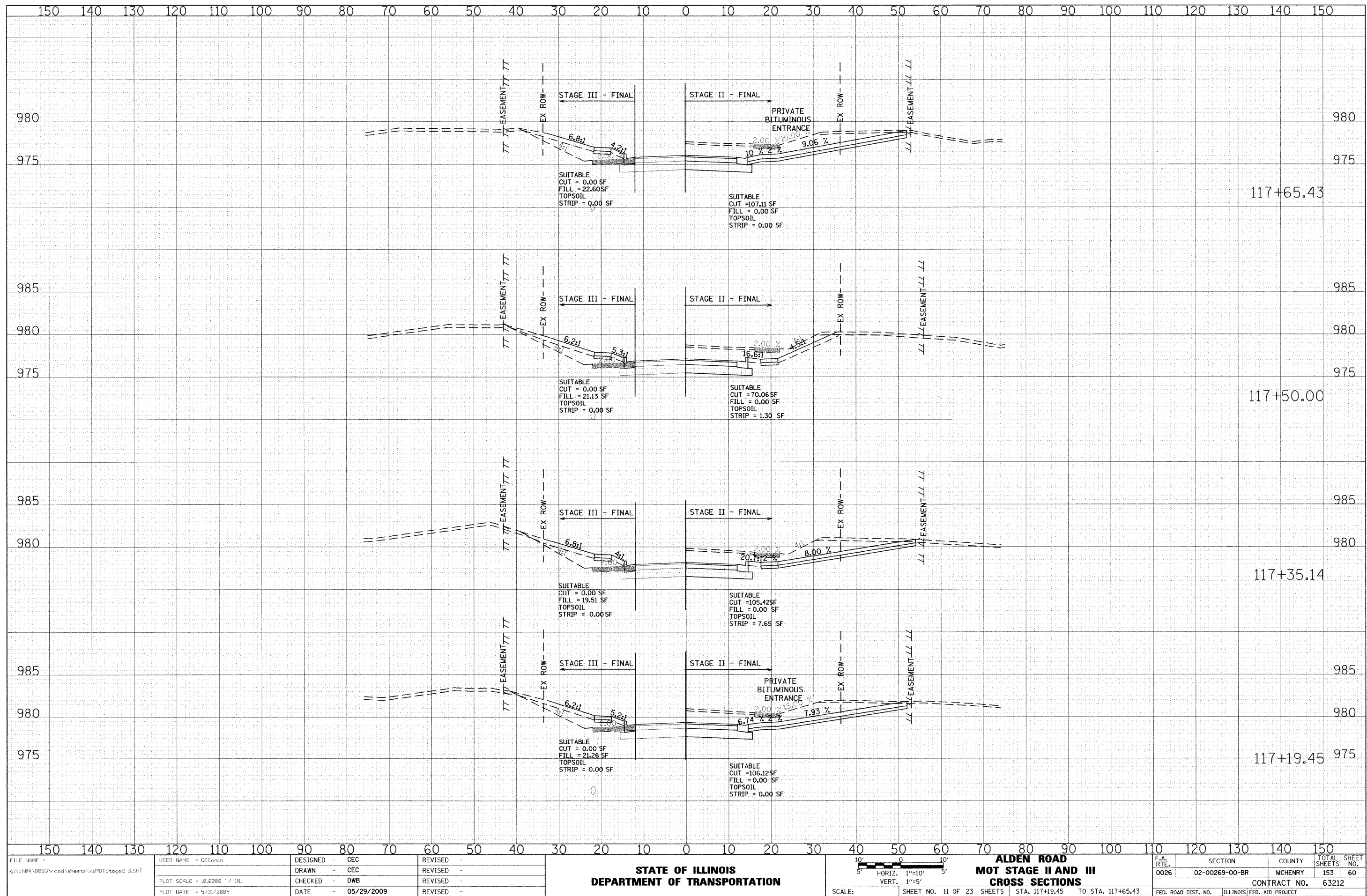
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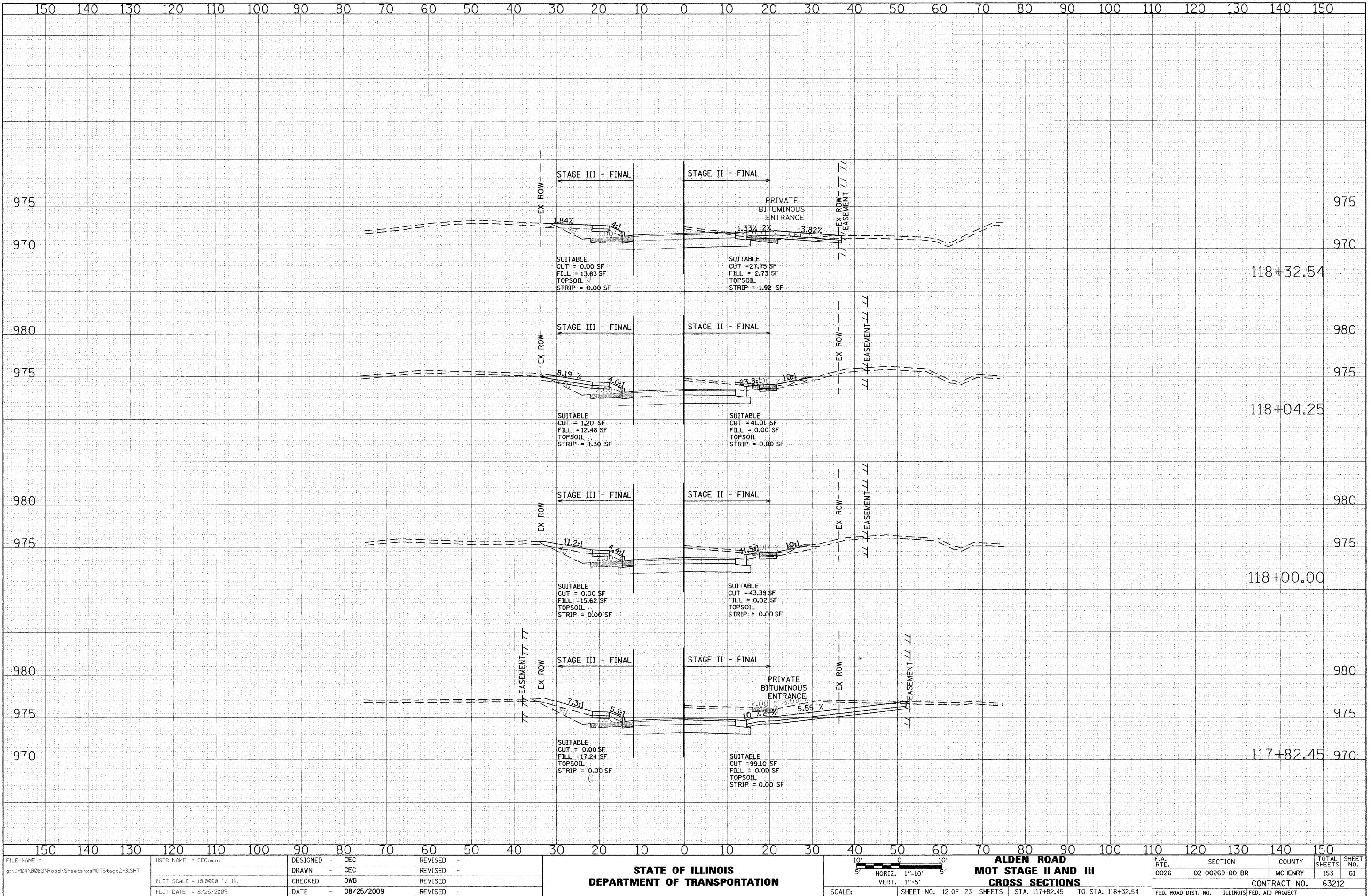


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NOTE BOOK	PLOTTED _____		
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	AREAS _____		
	AREAS CHECKED _____		



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

DATE	BY	DATE	BY
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NOTE BOOK	NO.	NO.	NO.



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 PLOT DATE = 8/25/2009

DESIGNED - CEC
 DRAWN - CEC
 CHECKED - DWB
 DATE - 08/25/2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
 HORIZ. 1"=10'
 VERT. 1"=5'

ALDEN ROAD
 MOT STAGE II AND III
 CROSS SECTIONS

F.A. RTE. 0026

SECTION 02-00269-00-BR

COUNTY MCHENRY

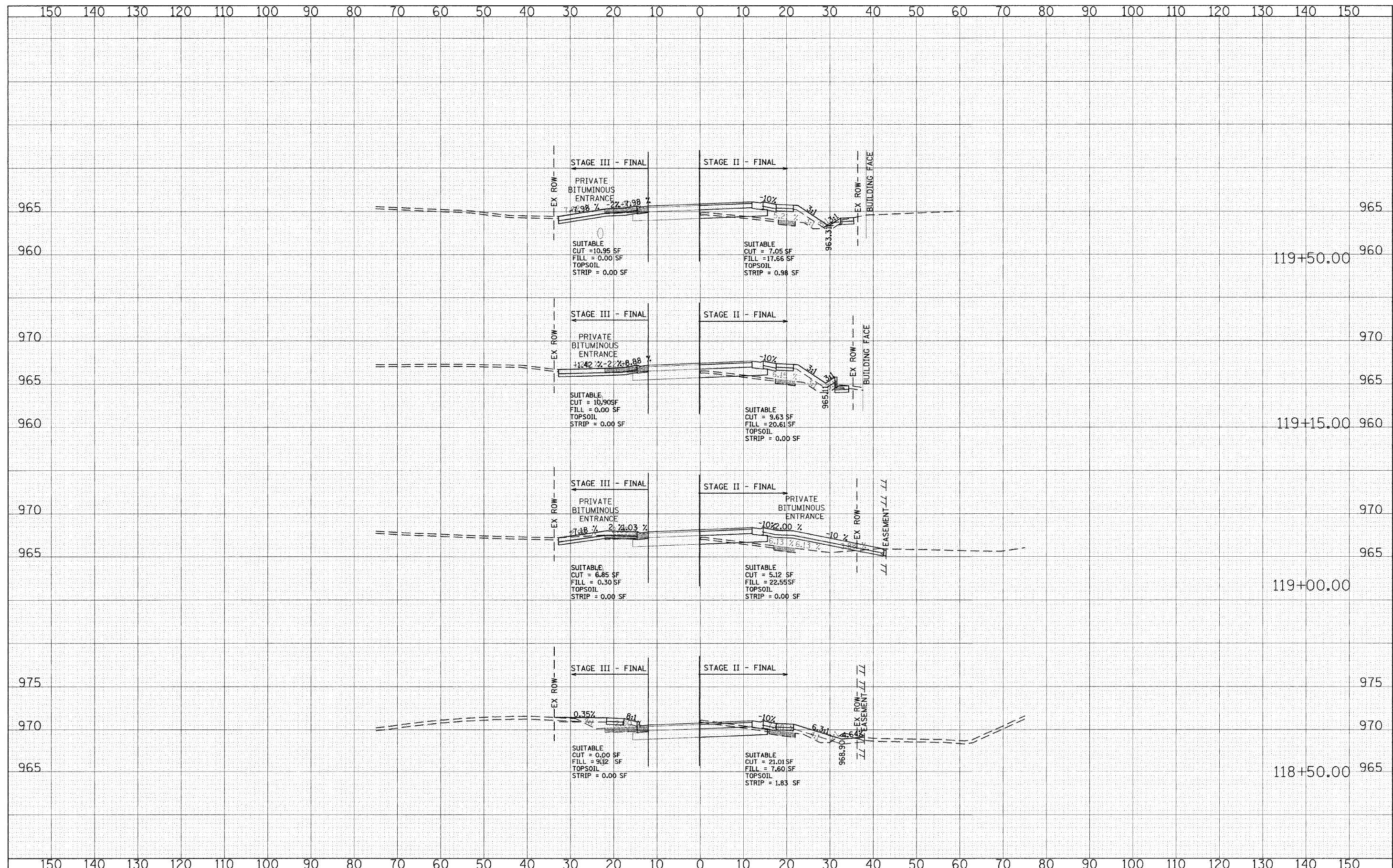
TOTAL SHEETS 153
 SHEET NO. 61

CONTRACT NO. 63212

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SHEET NO. 12 OF 23 SHEETS STA. 117+82.45 TO STA. 118+32.54

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
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DESIGNED -

REVISÉ

DRAWN

REVISÉ —

CHECKED

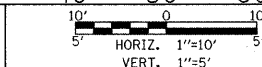
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PLOT SCALE = 10.0000

DATE -

REVISÉ

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

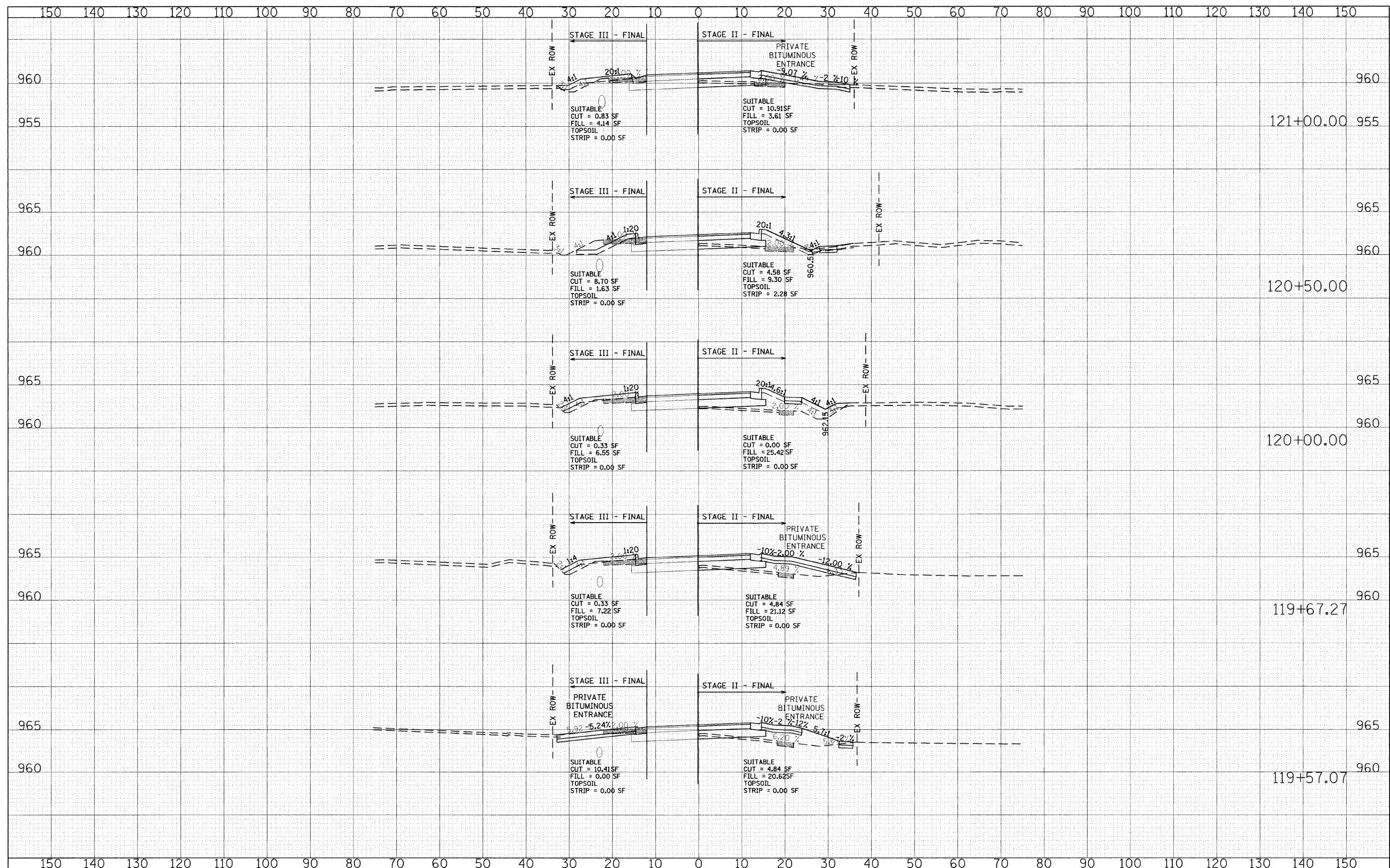


SCALE:	SHEET NO. 13 OF 23 SHEETS	STA. 118+50.00 TO STA. 119+50.00
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**ALDEN ROAD
MOT STAGE II AND
CROSS SECTIONS**

110	120	130	140	150
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	62
CONTRACT NO.			63212	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ORIGINAL	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NO.	AREAS	CHECKED



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g:\CH04\0083\Road\Sheets\xsMOTStage2-3.SHT

USER NAME = CECComp

PLOT SCALE = 10.0000' / IN.

PLOT DATE = 9/28/2009

DESIGNED -

DRAWN —

CHECKED	-
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DATE 09/28/2009

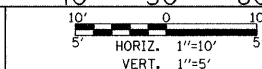
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REVISÉ

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



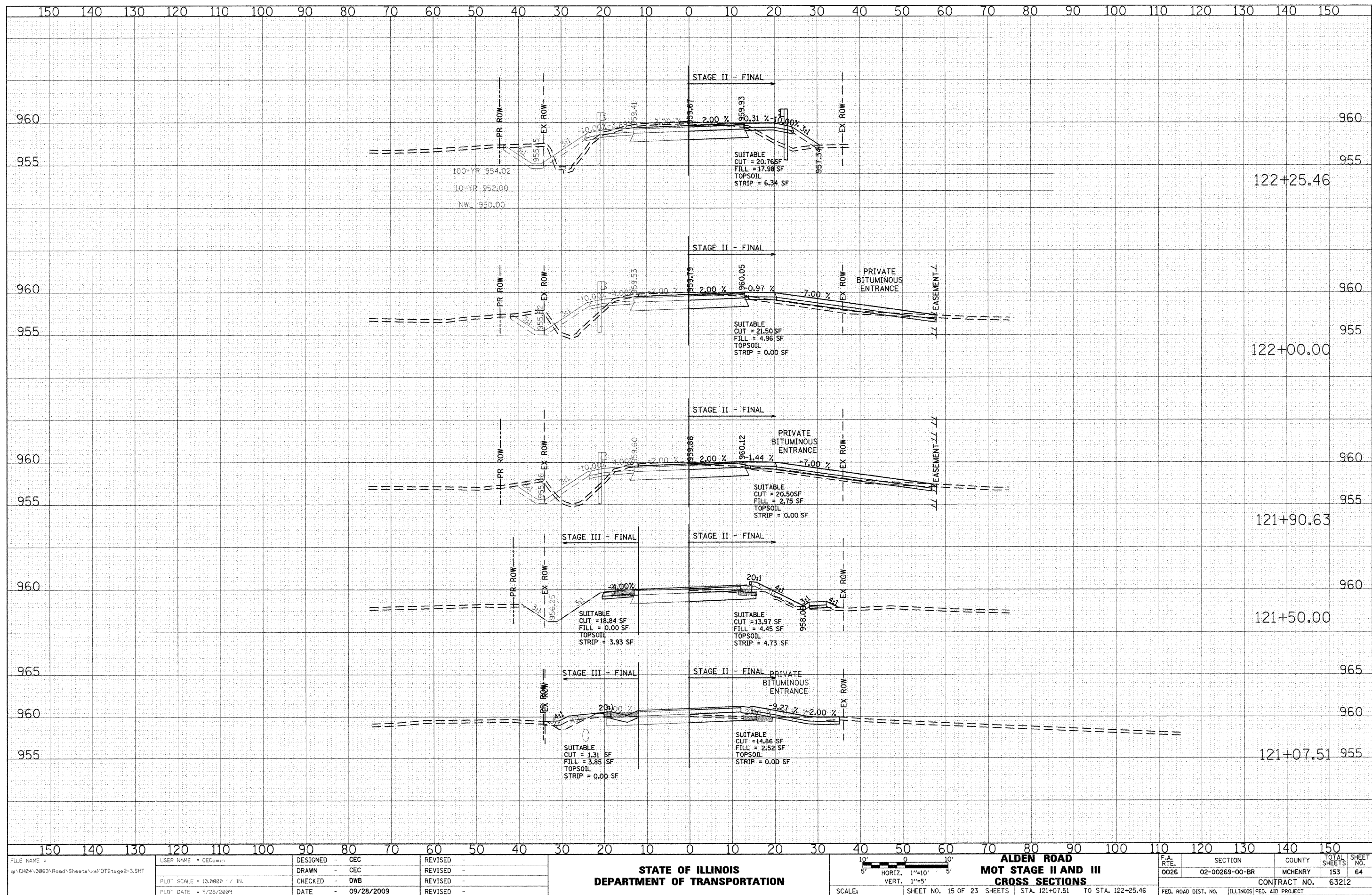
SCALE:

SHEET NO. 14 OF 23 SHEETS STA. 119+57.07 TO STA. 121+00.00

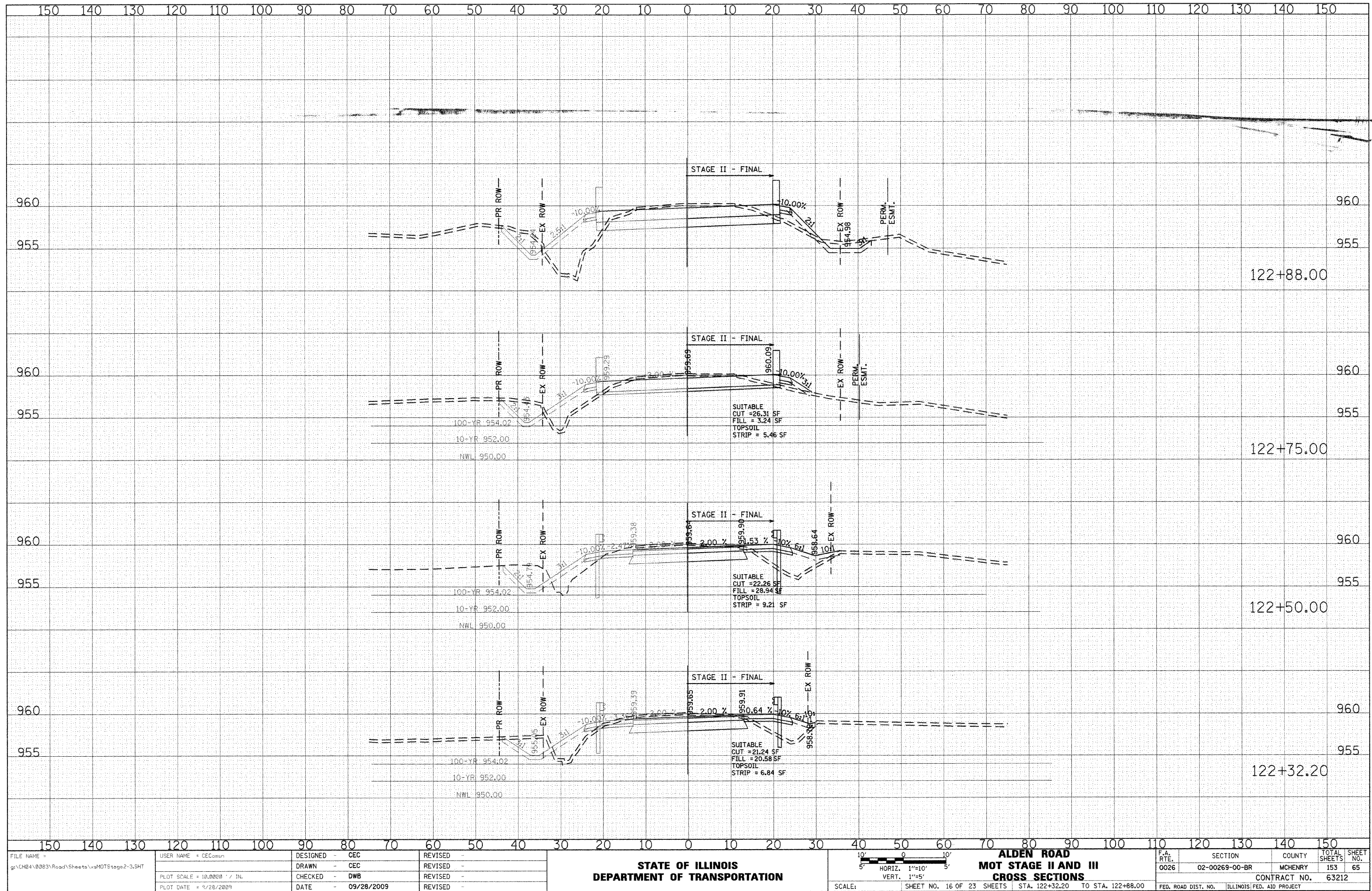
**ALDEN ROAD
MOT STAGE II AND
CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	63
CONTRACT NO. 63212				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ORIGINAL SURVEY	SURVIVED PLOTTED TEMPLATE	BY	DATE
NOTE ROCK	AREAS		
AREAS CHECKED			

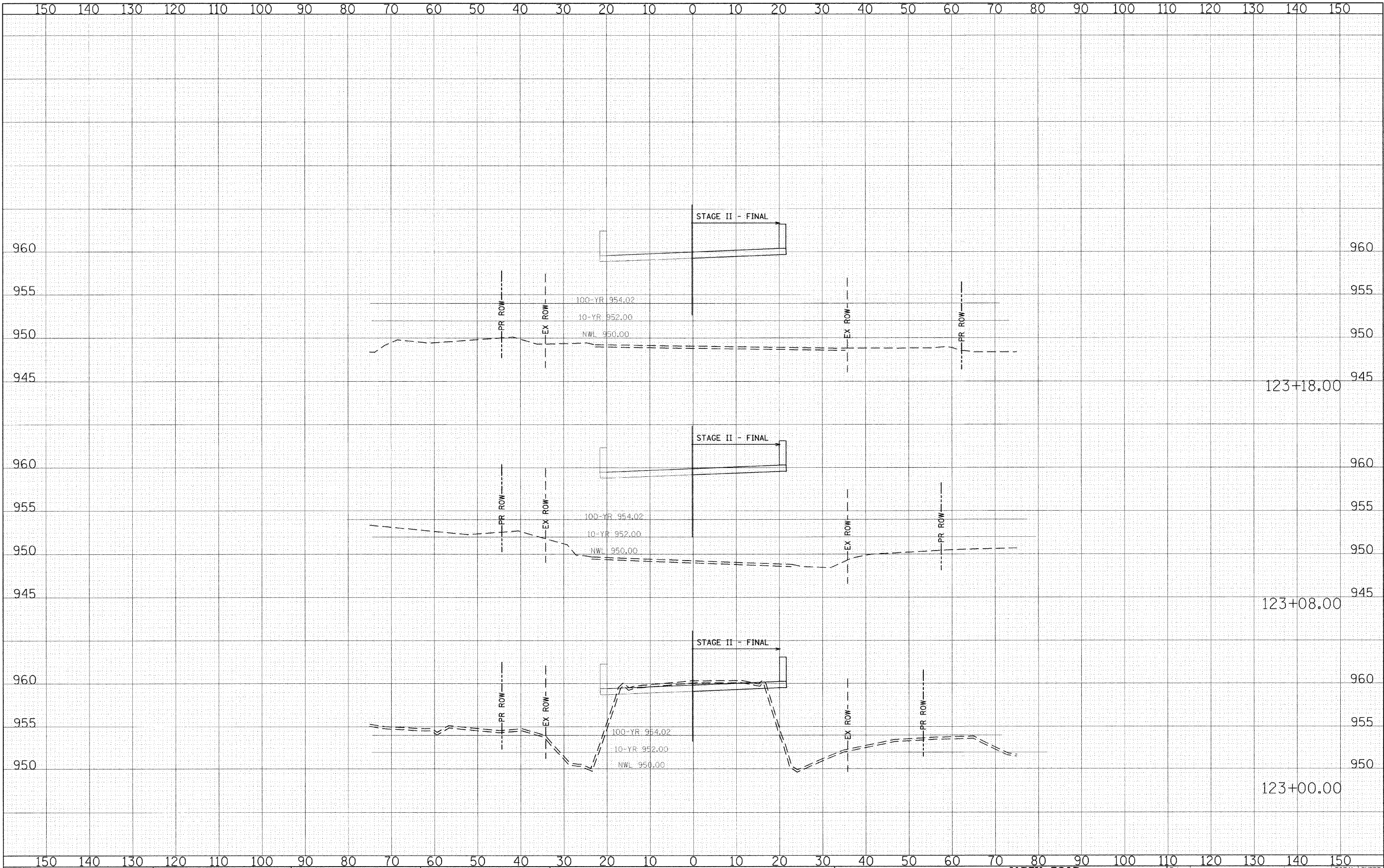


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NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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

ORIGINAL	SURVEYED	BY	DATE
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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



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CHECKED - DWB
DATE - 05/29/2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
HORIZ. 1"=10'
VERT. 1"=5'

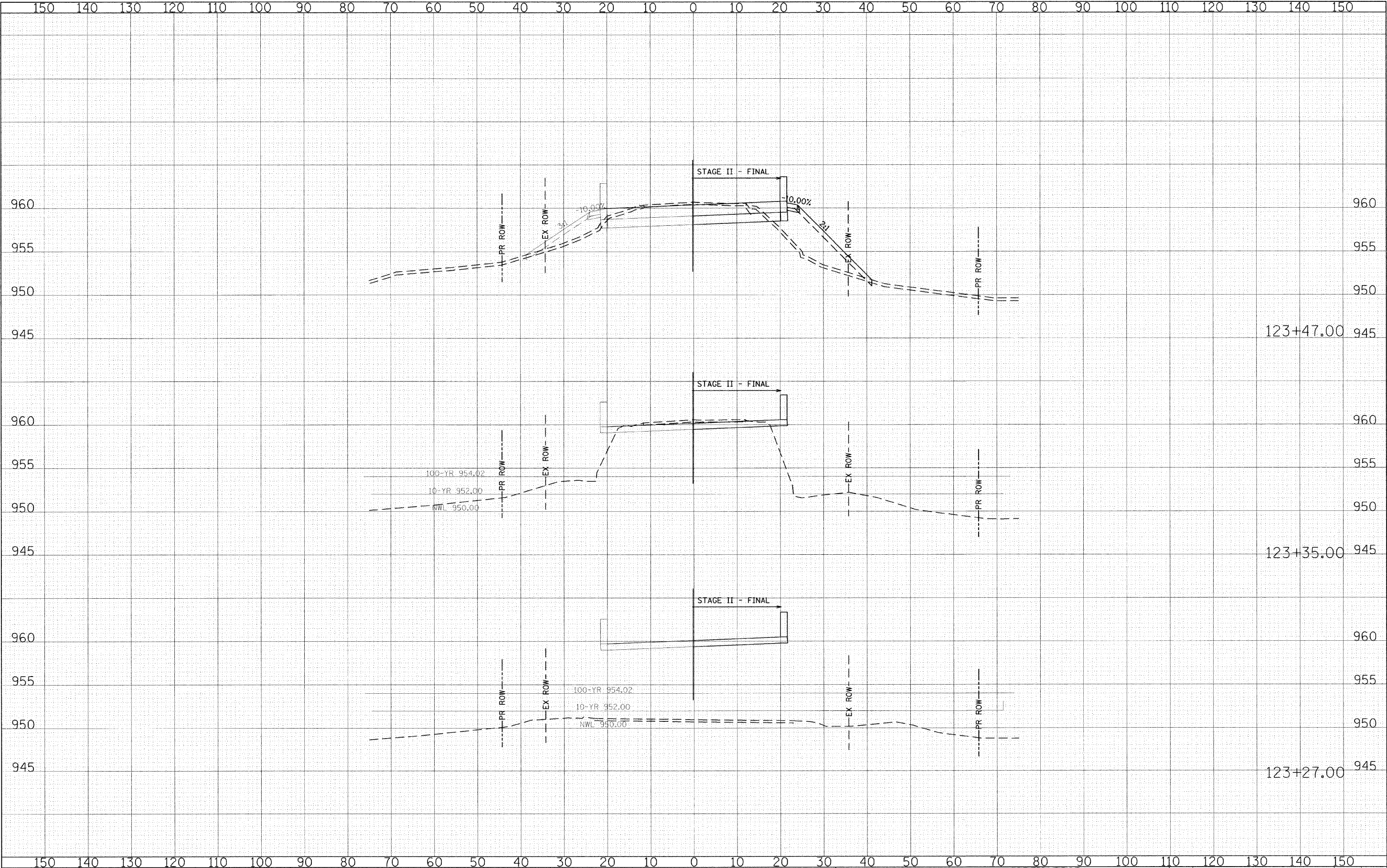
ALDEN ROAD
MOT STAGE II AND III
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63212				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SHEET NO. 17 OF 23 SHEETS STA. 123+00.00 TO STA. 123+18.00

DATE	BY	DATE
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NOTE BOOK	PLOTTED	
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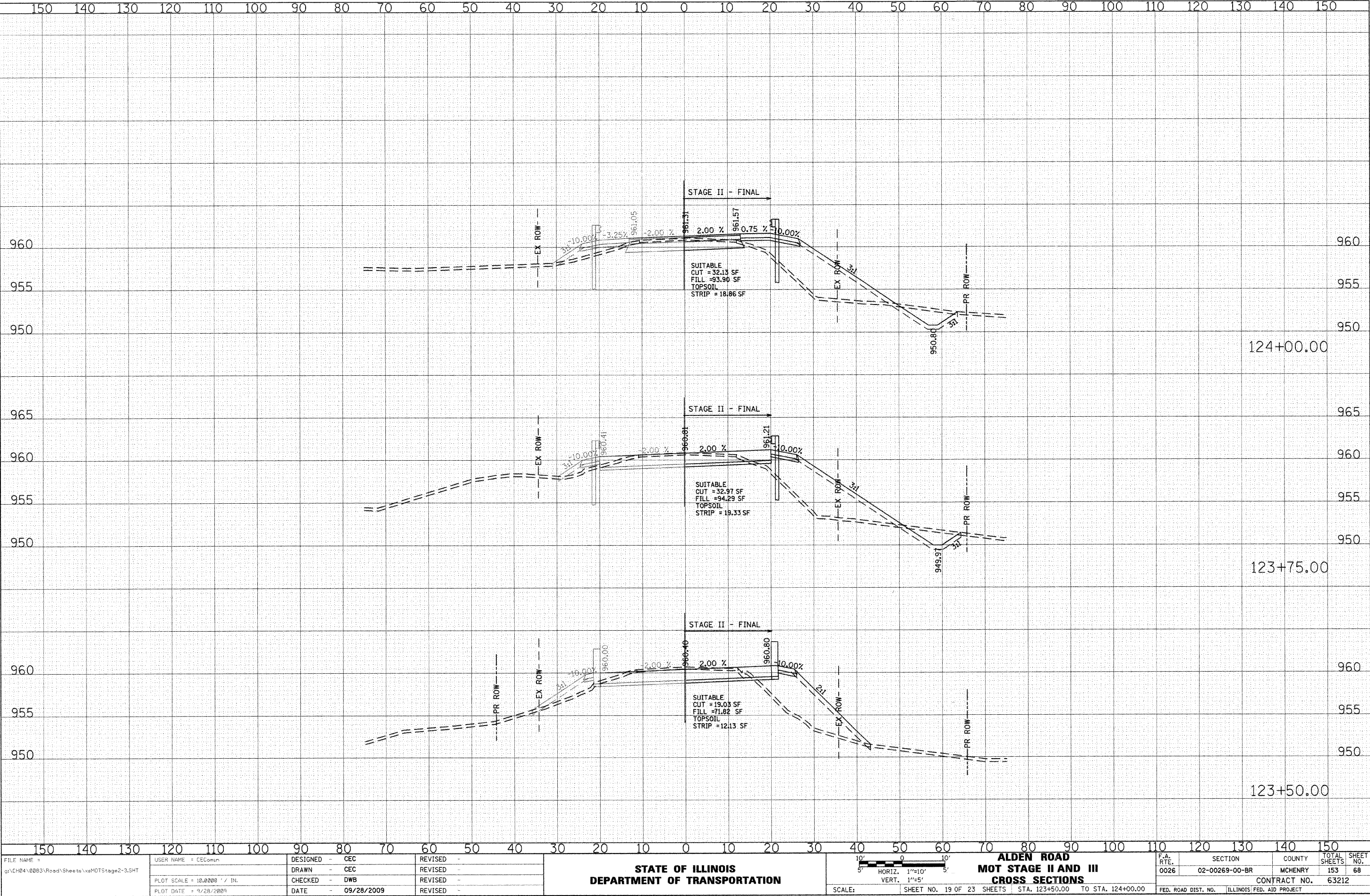
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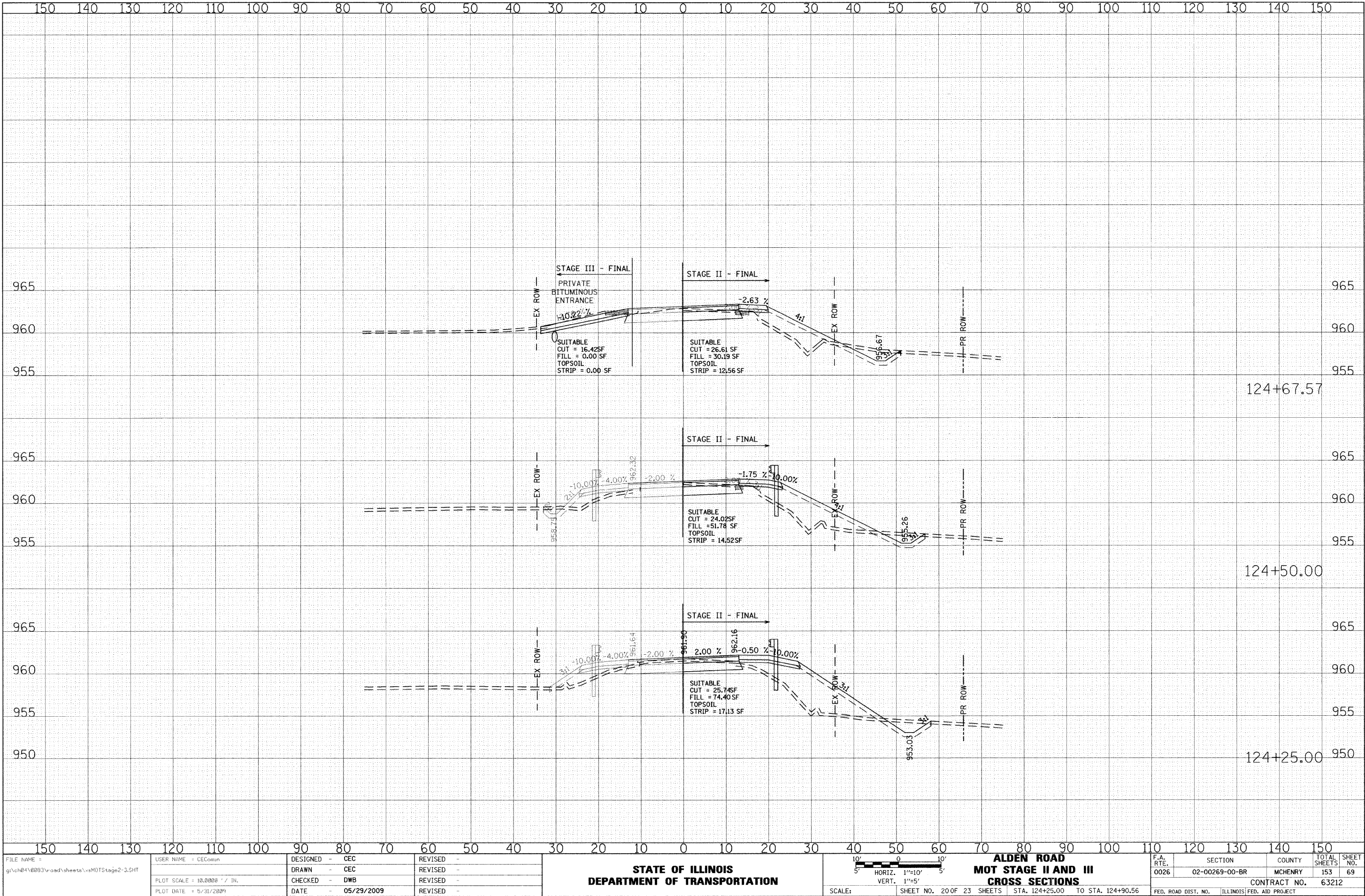
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NOTE BOOK		
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NOTE BOOK		
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FINAL	DATE	BY
SURVEYED		
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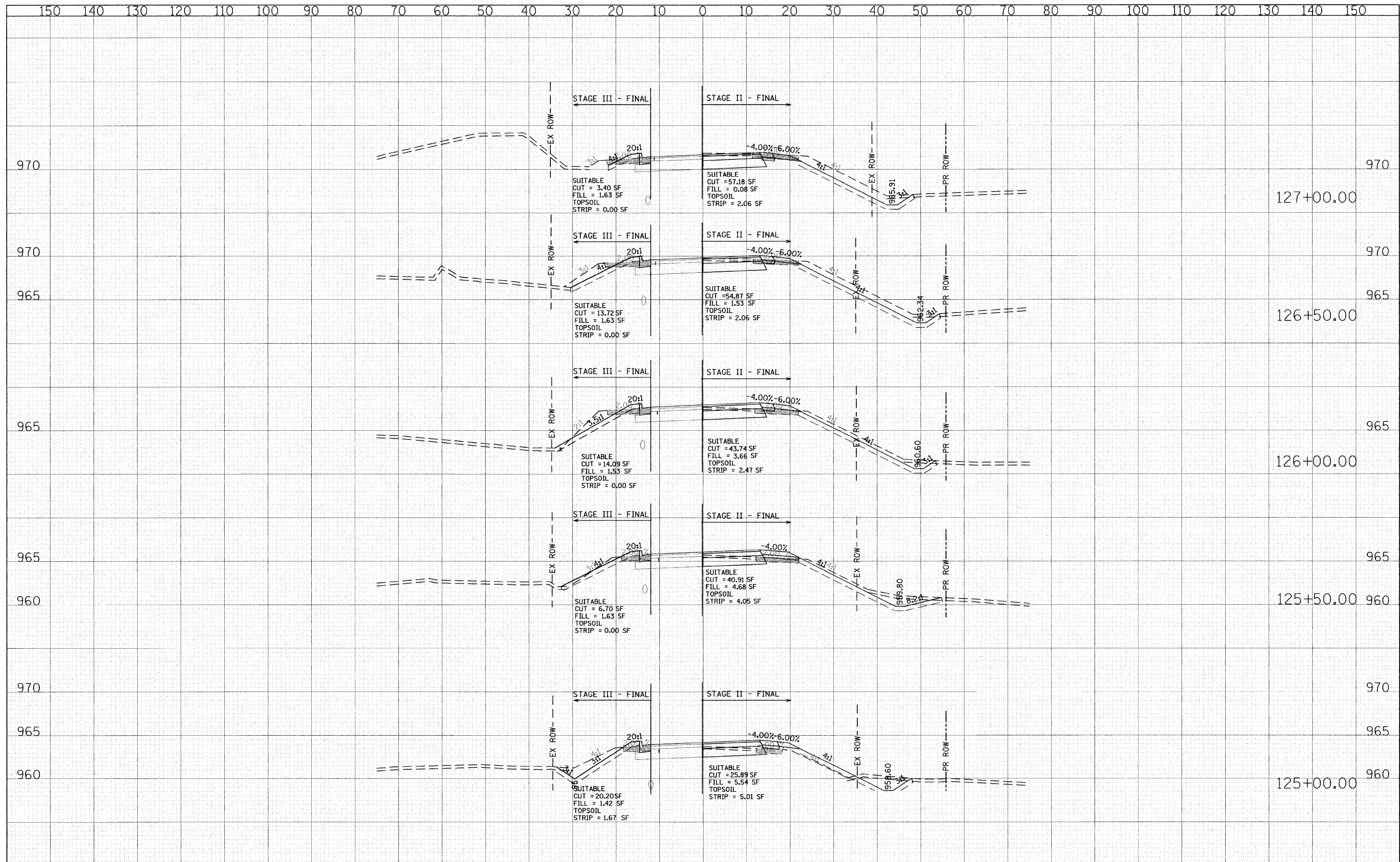
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
HORIZ. 1"=10'
VERT. 1"=5'

ALDEN ROAD
MOT STAGE II AND III
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	69
CONTRACT NO. 63212				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
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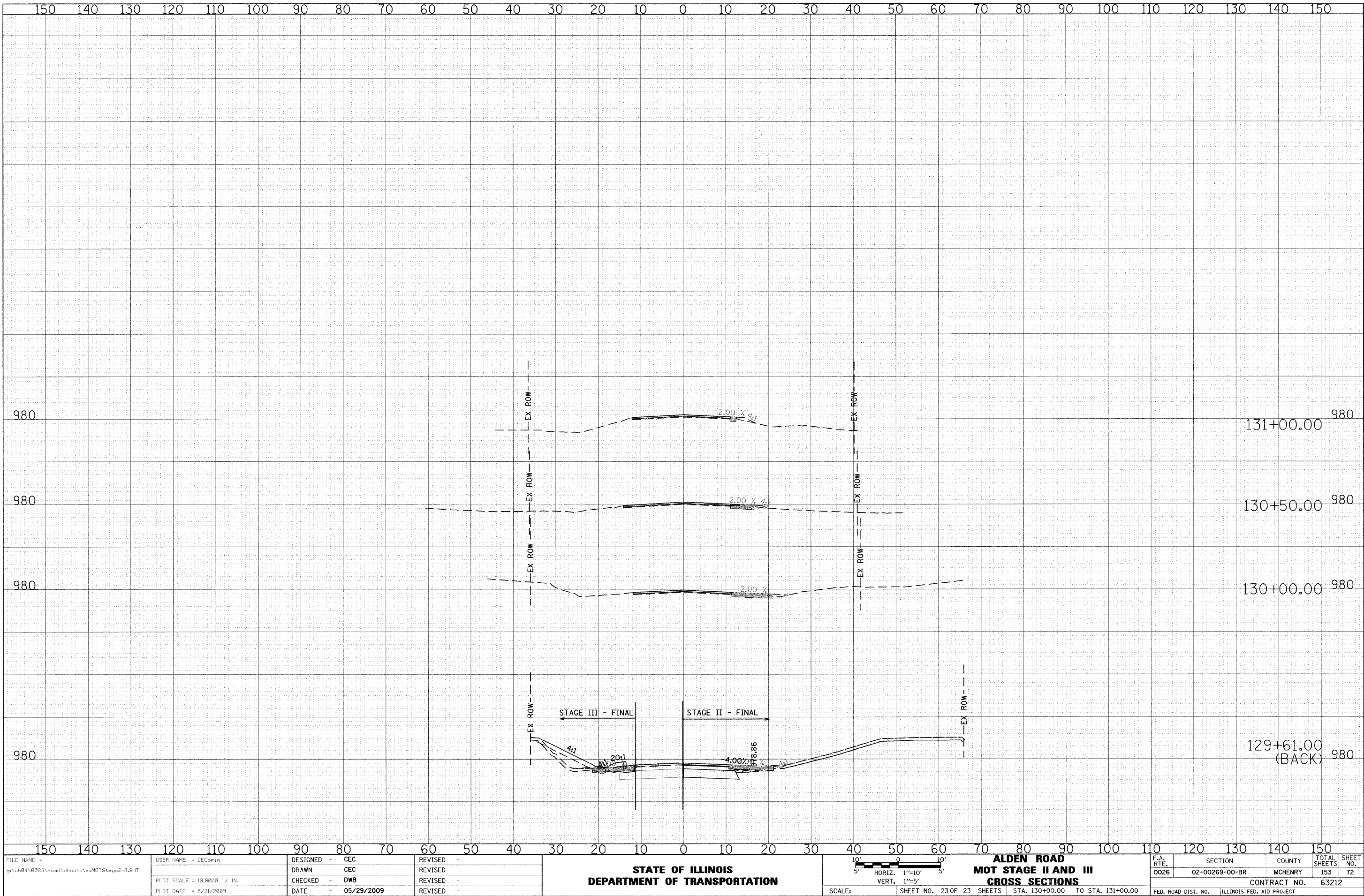


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PLOT DATE = 8/27/2009		DATE - 08/25/2009	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SCALE: SHEET NO. 21 OF 23 SHEETS STA. 125+00.00 TO STA. 127+00.00					

ORIGINAL		BY	DATE
SURVEY			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			

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

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



LEGEND

-  SUPER SILT FENCE
(PAID FOR AS PERIMETER EROSION BARRIER X2)
SEE DETAIL D, SHEET NO.75
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  WETLAND BUFFER AREA
-  ROCK OUTLET PROTECTION
SEE DETAILS A & B, SHEET NO.75
(PAID FOR AS STONE RIPRAP,
CLASS A3 OR A4 AND FILTER FABRIC)
-  TREE PROTECTION WITH TEMPORARY FENCE
(MINIMUM OF 10' ON EACH SIDE OF TREE),
TREE ROOT PRUNING
-  INLET AND PIPE PROTECTION

NOTES:

- SEE LANDSCAPING PLAN FOR PERMANENT SODDING AND SEEDING
- SEE SHEET 73 FOR EROSION CONTROL NOTES.
- EROSION AND SEDIMENT CONTROL SHALL BE ADJUSTED ACCORDING TO TRAFFIC STAGING AND ENGINEER'S DIRECTION.
- EROSION CONTROL BLANKET SHALL BE USED FOR ALL PERMANENT SEEDING LOCATIONS.
- INLET FILTERS SHALL BE PLACED ON ALL OPEN GRATE STRUCTURES.
- TREE PROTECTION SHALL CONSIST OF A TEMPORARY FENCE AROUND THE TREE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 201 OF THE IDOT STANDARD SPECIFICATIONS.
- PROPOSED STORM SEWER SHALL BE CONSTRUCTED IN ITS RESPECTIVE STAGE UNLESS OTHERWISE NOTED. SEE MOT SHEETS 21 TO 72.

MAINTAIN EXIST DRAINAGE STRUCTURE THROUGH STAGE 1 UNTIL THE TEMPORARY PAVEMENT ON THE WEST SIDE IS CONSTRUCTED AT THE END OF STAGE 1 AND PROPOSED STRUCTURE 3-6 IS INSTALLED AS SHOWN ON THE DRAINAGE AND UTILITIES SHEETS

REMOVE EXIST 15" CMP AND CONSTRUCT 15" RCP STORM SEWER BETWEEN EXIST STRUCTURES IN PRE-STAGE 1. THE 15" STORM SEWER SHALL BE CONNECTED TO PROPOSED STRUCTURE 3-6 ONCE IT IS INSTALLED AT THE END OF STAGE 1 AND STRUCTURE 3-5 IN STAGE 2

TEMPORARILY INSTALL 4' OF STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 24" PRIOR TO CONSTRUCTION OF TEMPORARY PAVEMENT IN STAGE 1 (TO BE REMOVED IN STAGE 2)

IMPROVEMENT BEGINS
ALDEN ROAD
STATION 106+25

CONSTRUCT PROPOSED CATCH BASIN, 12" STORM SEWER, AND FLARED END SECTION PRIOR TO CONSTRUCTION OF TEMPORARY PAVEMENT IN STAGE 1 AS SHOWN ON THE DRAINAGE AND UTILITY SHEETS

CONSTRUCT TEMPORARY PRECAST REINFORCED CONCRETE FLARED END SECTION, 24" STA 106+75, 30' RT PRIOR TO CONSTRUCTION OF TEMPORARY PAVEMENT IN STAGE 1 (TO BE REMOVED IN STAGE 2)

CONSTRUCT TEMPORARY MH TYPE A 6' DIA W/ TYPE 1 FRAME, CLOSED LID TO CONNECT EXIST STORM SEWER, DRAIN TILE, AND CULVERTS STA 106+80, 19' RT PRIOR TO CONSTRUCTION OF TEMPORARY PAVEMENT IN STAGE 1 (TO BE REMOVED IN STAGE 2) (EXIST CONNECTIONS SHALL BE INCLUDED IN THE COST OF THE MANHOLE)

CONSTRUCT PROPOSED INLETS PRIOR TO CONSTRUCTION OF TEMPORARY PAVEMENT IN STAGE 1 AS SHOWN ON THE DRAINAGE AND UTILITIES SHEETS AND TEMPORARILY CONNECT TO EXIST 12" STORM SEWER (TEMPORARY CONNECTIONS INCLUDED IN THE COST OF PROPOSED INLETS AND SHALL BE REMOVED IN STAGE 2)

IMPROVEMENT ENDS
ALDEN ROAD
STATION 129+61

MATCH LINE STATION 116+00
SEE ABOVE

MATCH LINE STATION 116+00
SEE BELOW



50' 0 50'
HORIZ. 1"=50'

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PLOT DATE = 9/28/2009

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CHECKED - DWB
DATE - 09/28/2009

REVISED -
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REVISED -

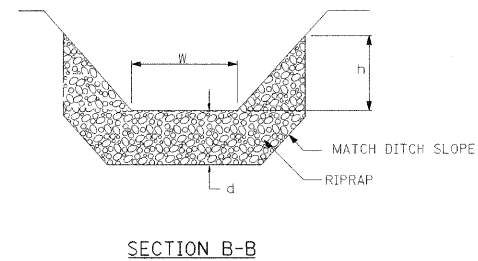
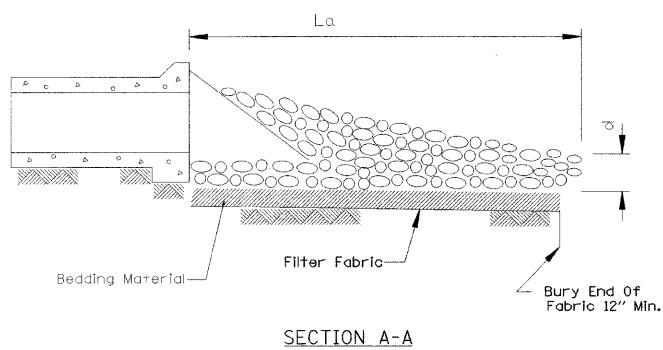
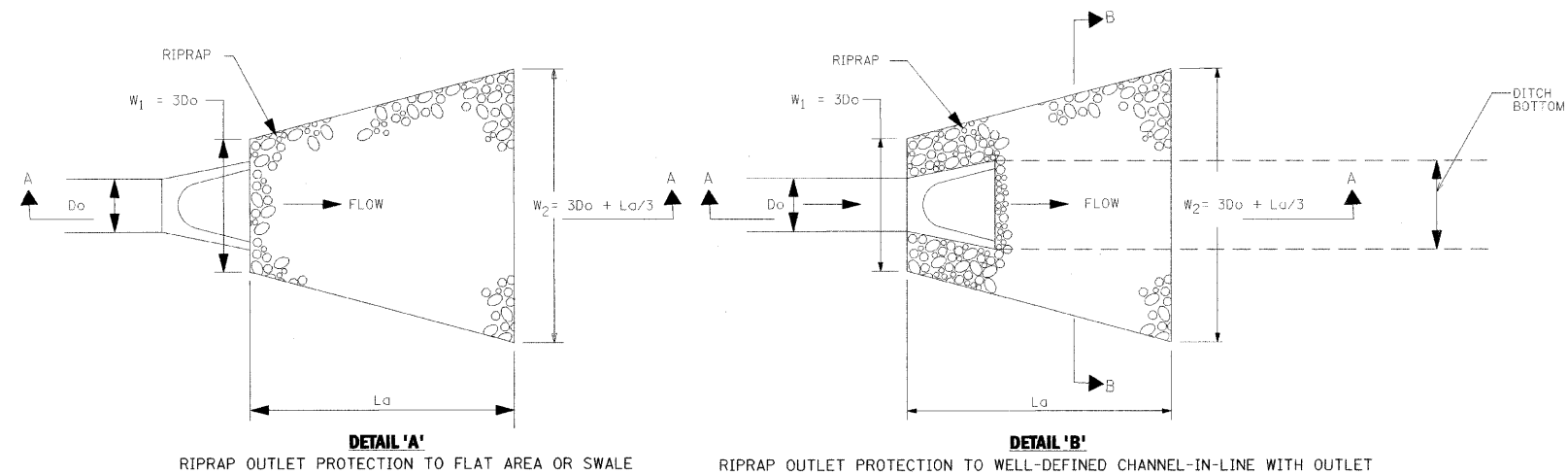
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALDEN ROAD
EROSION AND SEDIMENT CONTROL PLAN
ST. 106+25 TO ST. 129+61

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0026	02-00269-00-BR	MCHENRY	153	74
CONTRACT NO. 63212				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ROCK OUTLET PROTECTION

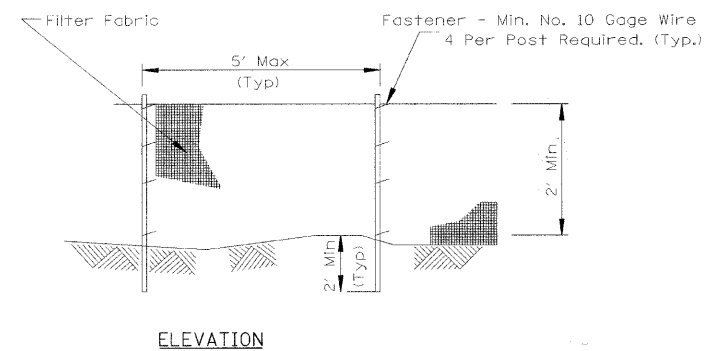


ROCK OUTLET PROTECTION TABLE

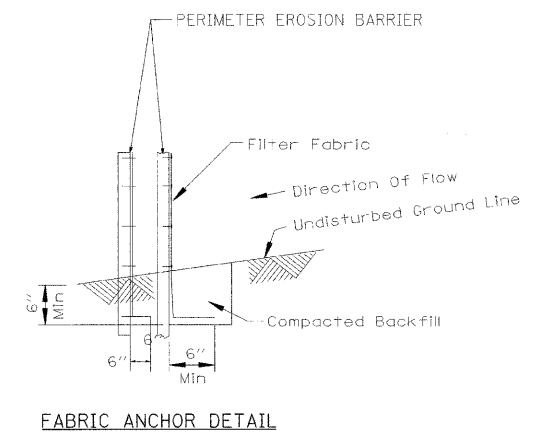
LOCATION	RIPRAP GRADATION	La (FT.)	RIPRAP (d) THICKNESS (IN)	BEDDING THICKNESS (INCH)	h RIPRAP HEIGHT (FT)	AREA (SQ YD)
R-1 (STA 107+13, 32.7' LT)	4	10	20	6	2.5	12.1
R-2 (STA 121+50, 32.2' LT)	4	16	20	6	2.1	15.0
R-3 (STA 122+89, 37.0' RT)	3	10	15	0	1.2	6.3
R-4 (STA 124+50, 30.5' LT)	4	20	20	6	1.5	18.2
R-5 (STA 124+50, 48.8' RT)	3	20	15	0	1.4	16.3

NOTES
PAID PER SQ YD FOR RIPRAP, CLASS A3 OR A4 AND PER SQ YD FOR FILTER FABRIC

SUPER SILT FENCE



DETAIL 'D'
SUPER SILT FENCE



NOTES
1. PAID PER FOOT FOR PERIMETER EROSION BARRIER.
2. EACH FOOT OF SUPER SILT FENCE EQUALS 2 FEET OF PERIMETER EROSION BARRIER.
3. THE POSTS SHALL BE A MINIMUM OF 4 FEET LONG.

PLAN

SURVEYED
PLOTTED
NOTED
NO.

BY
DATE

DATE
BY
DATE

NOTED
NO.

DATE
BY
DATE

PROFILE

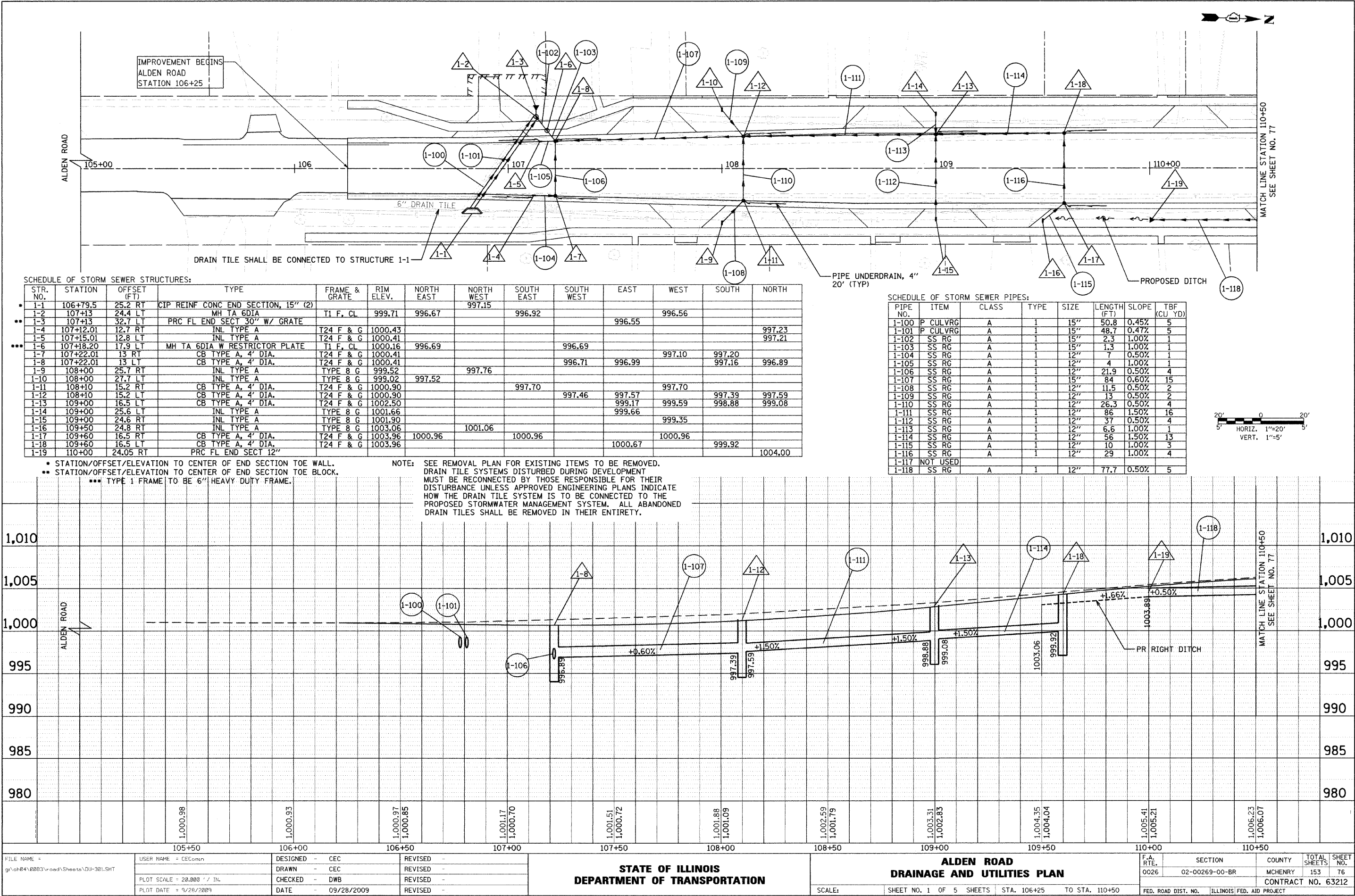
SURVEYED
PLOTTED
NOTED
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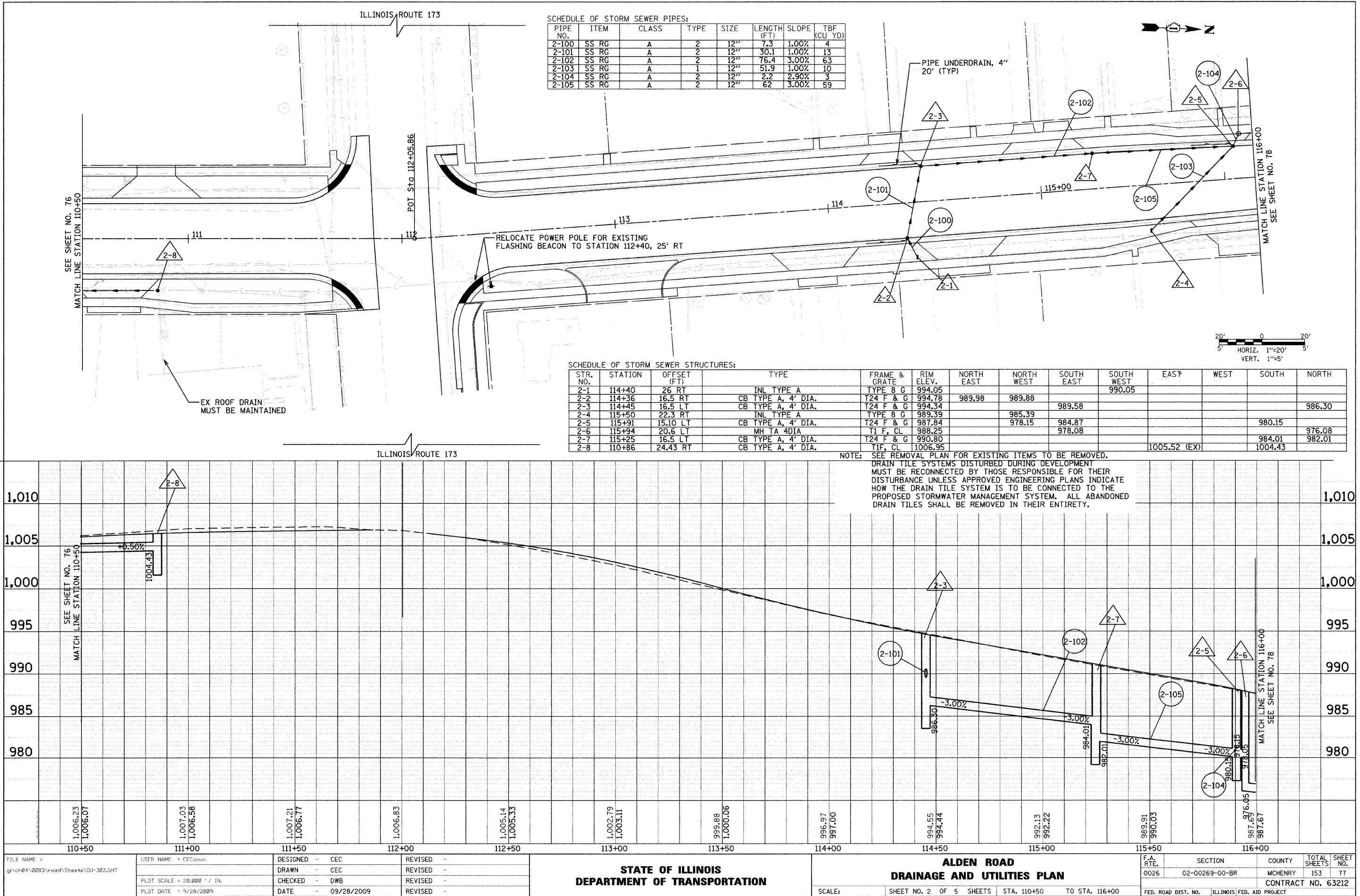
NOTED
NO.

DATE
BY
DATE



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	BY
	NO.	DATE

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	BY
	NO.	DATE



PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLANNED	
NO.	BY	
NO.	BY	

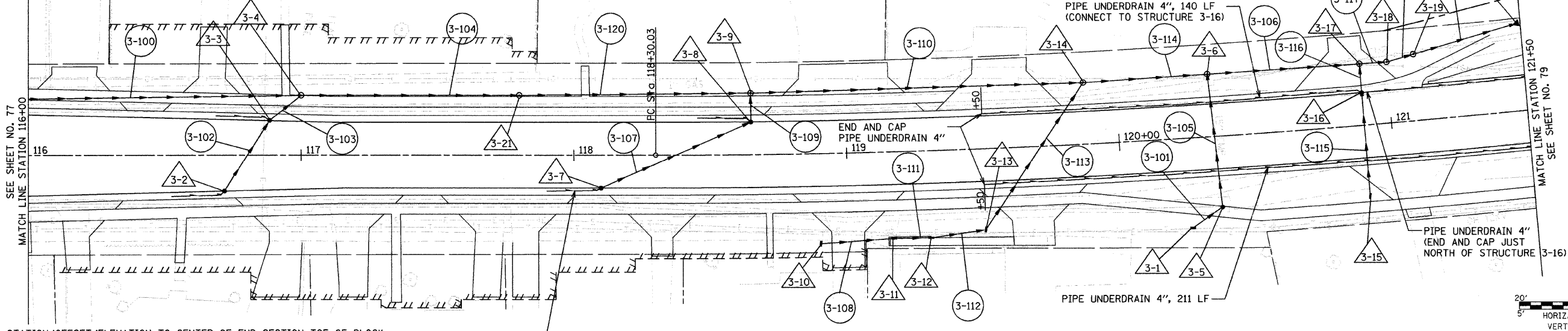
PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLANNED	
NO.	BY	
NO.	BY	

SCHEDULE OF STORM SEWER STRUCTURES:

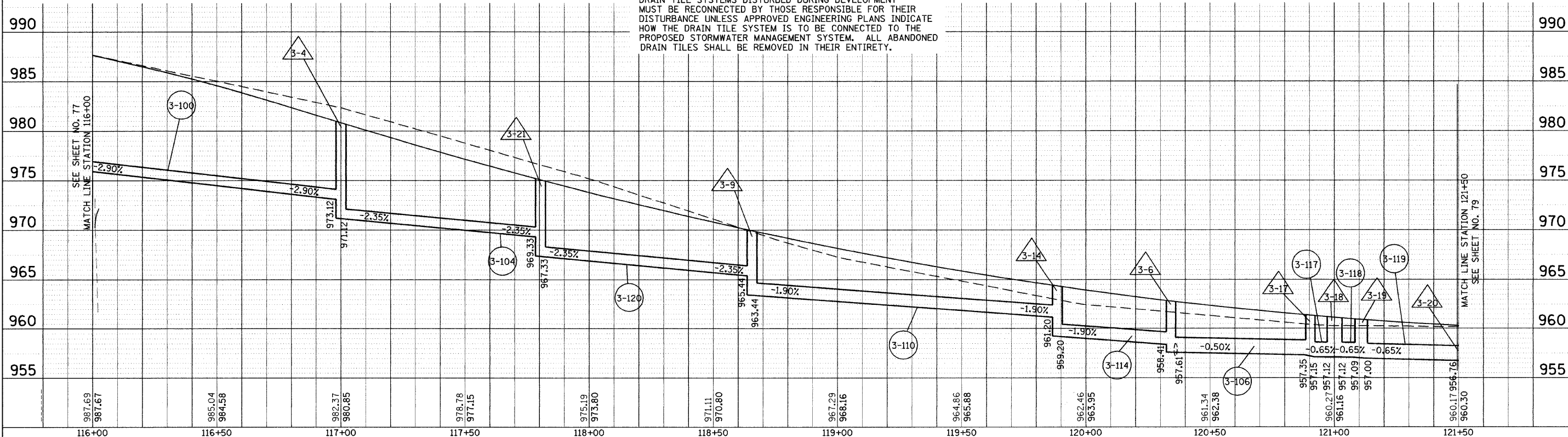
STR. NO.	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEV.	NORTH EAST	NORTH WEST	SOUTH EAST	SOUTH WEST	EAST	WEST	SOUTH	NORTH
3-1	120+25	33 RT	INL TYPE A	TYPE B G	960.50		958.15						
3-2	116+72	13.06 RT	CB TYPE A, 4' DIA.	T24 F & G	982.72		978.25						
3-3	116+89	12.75 LT	CB TYPE A, 4' DIA.	T24 F & G	981.43		977.98	977.98					
3-4	117+00	22 LT	MH TA 4DIA	T1 F, CL	981.79			977.88			973.12	971.12	
3-5	120+36	26 RT	CB TYPE C	T1 F, CL	961.70			958.04		958.04			
3-6	120+34	23 LT	MH TA 4DIA	T1 F, CL	962.40					957.81	958.41	957.61	
3-7	118+10	12 RT	CB TYPE A, 4' DIA.	T24 F & G	973.17		966.94						
3-8	118+65	12 LT	CB TYPE A, 4' DIA.	T24 F & G	969.73			966.38			965.54		
3-9	118+65	22.6 LT	MH TA 4DIA	T1 F, CL	970.50					965.47	965.44	963.44	
3-10	118+90	33 RT	INL TYPE A	TYPE B G	965.50						961.84	961.84	
3-11	119+16.5	31.7 RT	INL TYPE B	T24 F & G	964.76						961.60	961.50	
3-12	119+30	31.9 RT	INL TYPE B	T24 F & G	964.52						961.39	961.29	
3-13	119+50	29.7 RT	INL TYPE B	TYPE B G	963.31		961.02				961.12		
3-14	119+88	22.6 LT	MH TA 4DIA	T1 F, CL	964.20						961.20	959.20	
3-15	120+90	26 RT	INL TYPE A	TYPE B G	959.45					957.95			
3-16	120+90	12 LT	CB TYPE A, 4' DIA.	T24 F & G	961.13					957.61	957.61		
3-17	120+90	22.6 LT	MH TA 4DIA	T1 F, CL	960.25						957.35	957.15	
3-18	121+00	22.4 LT	MH TA 6DIA W RESTRICTOR PLATE	T1 F, CL	960.75					957.54		957.12	957.12
3-19	121+10	24.4 LT	TREATMENT STRUCTURE	T1 F, CL	960.50						957.09	957.00	
3-20	121+50	32.2 LT	PRC FL END SECT 18"								956.76		
3-21	117+80	22 LT	MH TA 4DIA	T1 F, CL	975.92						969.33	967.33	

SCHEDULE OF STORM SEWER PIPES:

PIPE NO.	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
3-100	SS RG	A	2	12"	102	2.90%	148
3-101	SS RG	A	1	12"	11	1.00%	2
3-102	SS RG	A	1	12"	26.7	1.00%	4
3-103	SS RG	A	1	12"	10.8	1.00%	4
3-104	SS RG	A	2	12"	76	2.35%	89
3-105	SS RG	A	1	15"	46	0.50%	13
3-106	SS RG	A	1	18"	51.9	0.50%	19
3-107	SS RG	A	2	12"	56	1.00%	23
3-108	SS RG	A	1	12"	24.3	1.00%	5
3-109	SS RG	A	2	12"	6.6	1.00%	4
3-110	SS RG	A	2	15"	117.9	1.90%	58
3-111	SS RG	A	1	12"	10.6	1.00%	4
3-112	SS RG	A	1	12"	17.3	1.00%	4
3-113	SS RG	A	1	12"	61.1	1.00%	7
3-114	SS RG	A	2	15"	41.6	1.90%	23
3-115	SS RG	A	1	12"	35	1.00%	2
3-116	SS RG	A	1	12"	6.6	1.00%	3
3-117	SS RG	A	1	18"	4.9	0.65%	2
3-118	SS RG	A	1	18"	4.7	0.65%	2
3-119	SS RG	A	1	18"	31.8	0.65%	0
3-120	SS RG	A	2	12"	80.8	2.35%	71



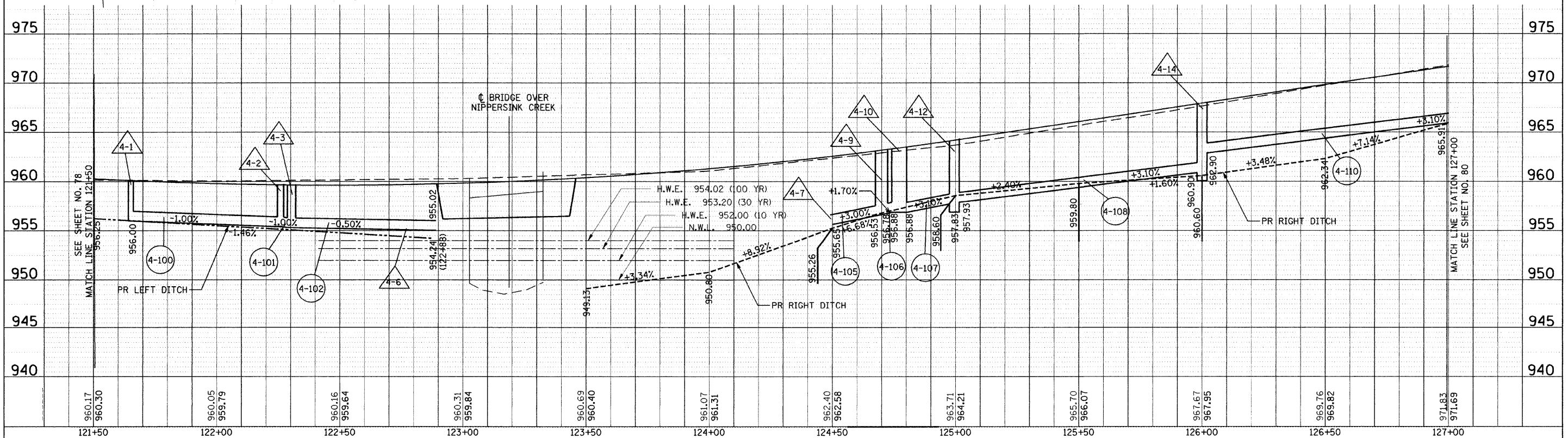
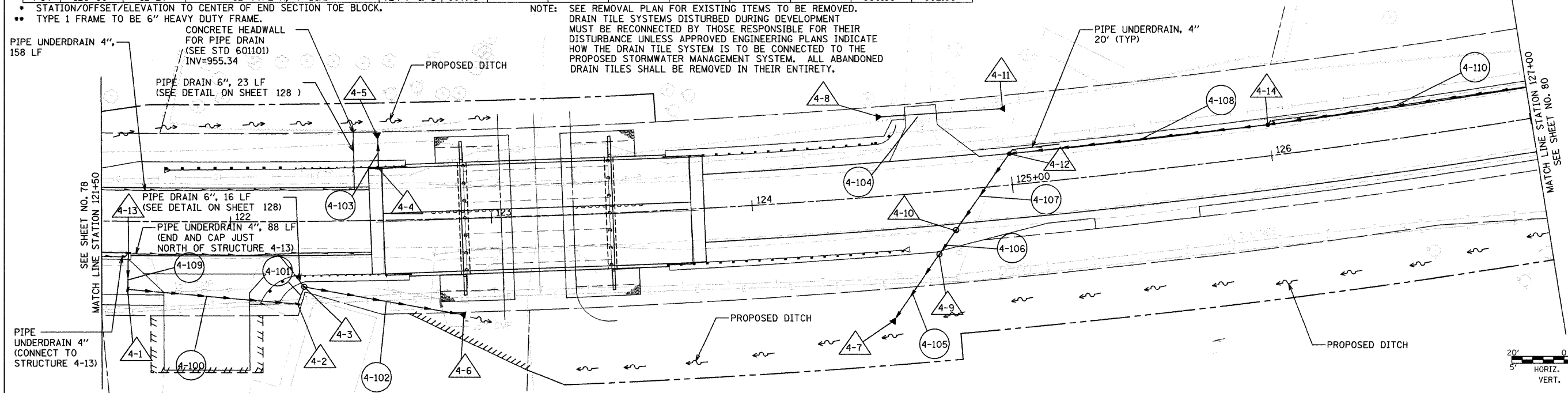
NOTE: SEE REMOVAL PLAN FOR EXISTING ITEMS TO BE REMOVED. DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY.



[illegible]

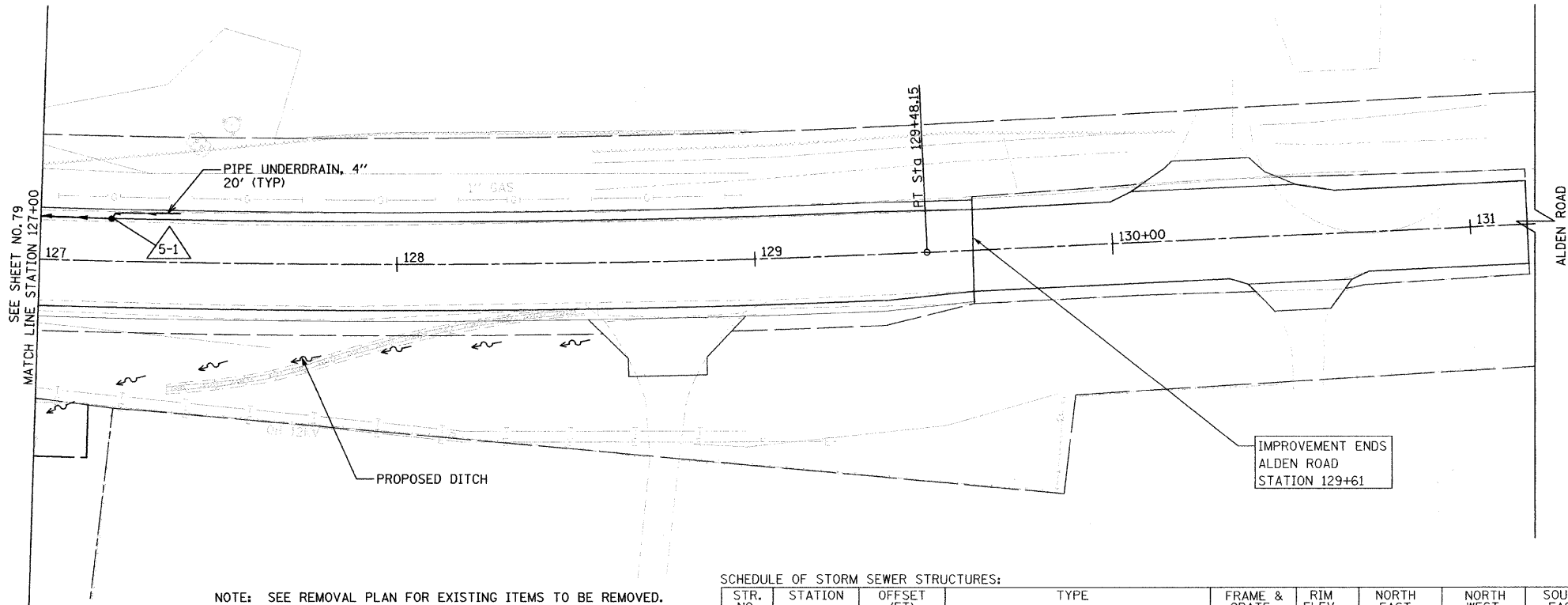
*** TYPE 1 FRAME TO BE 6" HEAVY DUTY FRAME.

PIPE NO.	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
4-100	SS RG	A	1	12"	62.3	0.50%	3
4-101	SS RG	A	1	12"	3.5	0.52%	2
4-102	SS RG	A	1	12"	54.8	0.50%	0
4-103	SS RG	A	1	12"	15	1.00%	4
4-104	P CULVRG	A	1	15"	37.5	3.20%	0
4-105	SS RG	A	1	12"	23.4	3.00%	0
4-106	SS RG	A	2	12"	5.8	1.70%	5
4-107	SS RG	A	2	12"	30.7	3.10%	21
4-108	SS RG	A	2	12"	96	3.10%	64
4-109	SS RG	A	2	12"	11.5	1.00%	4
4-110	SS RG	A	1	12"	116	3.10%	55



FILE NAME = gr\ch04\0093\road\Sheets\DU-384.SHT	USER NAME = CEC\comn	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALDEN ROAD DRAINAGE AND UTILITIES PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.000' / IN.	DRAWN - CEC	REVISED -						0026	02-00269-00-BR	MCHENRY	153	79
	PLOT DATE = 9/28/2009	CHECKED - DWB	REVISED -		SCALE:	SHEET NO. 4 OF 5 SHEETS	STA. 121+50 TO STA. 127+00	CONTRACT NO. 63212					
	DATE = 9/28/2009	DATE - 9/28/2009	REVISED -				FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT				

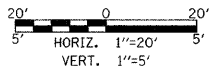
PLAN	SURVEYED	BY	DATE
	NOTED		
	NOTED		
	NO.		



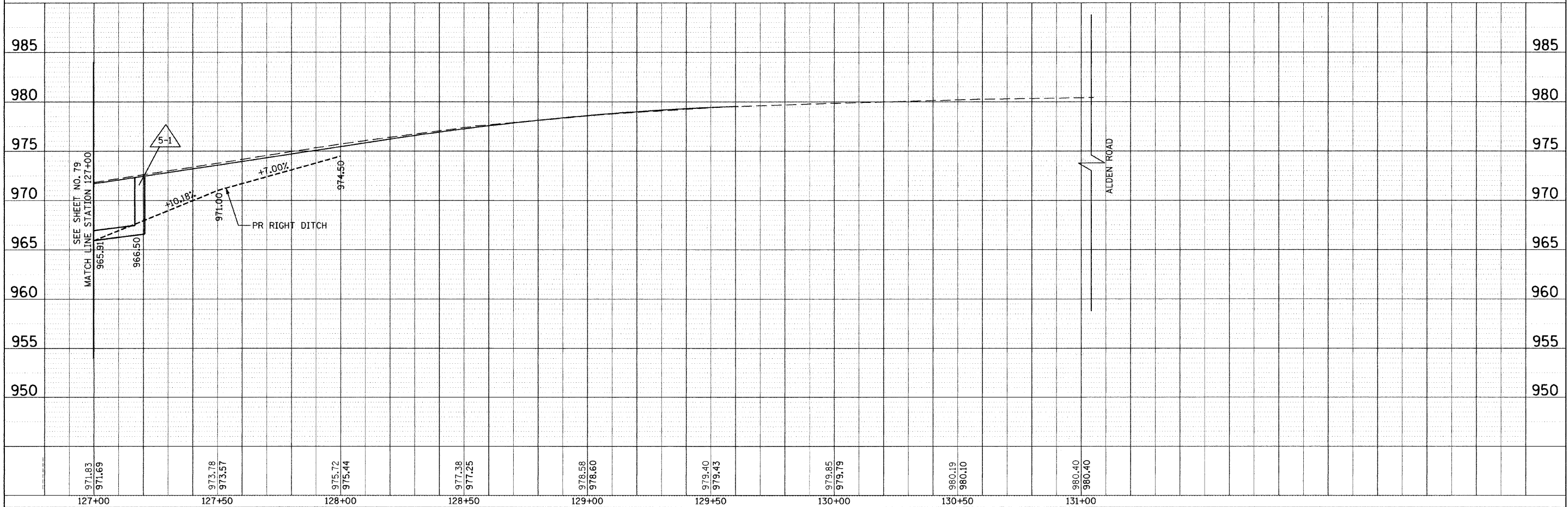
NOTE: SEE REMOVAL PLAN FOR EXISTING ITEMS TO BE REMOVED. DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY.

SCHEDULE OF STORM SEWER STRUCTURES:

STR. NO.	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEV.	NORTH EAST	NORTH WEST	SOUTH EAST	SOUTH WEST	EAST	WEST	SOUTH	NORTH
5-1	127+20	12 LT	CB TYPE A, 4' DIA	T24 F & G	972.20							966.50	



PROFILE	SURVEYED	BY	DATE
	NOTED		
	NOTED		
	NO.		



FILE NAME = g:\ch04\0093\road\Sheets\DU-505.SHT	USER NAME = CEC	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALDEN ROAD DRAINAGE AND UTILITIES PLAN	F.A. RTE. 0026	SECTION 02-00269-00-BR	COUNTY MCHENRY	TOTAL SHEETS 153	SHEET NO. 80
PLOT SCALE = 20.000' / IN.	CHECKED - DWB	REVISOR -	SCALE:			SHEET NO. 5 OF 5 SHEETS	STA. 127+00 TO STA. 129+61	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63212
PLOT DATE = 8/25/2009	DATE - 08/25/2009	REVISED -								

PART OF THE SE 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 22, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

CONTRACT NO. 63212

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GX0001T.E.	Randy M. Jones and Constance C. Jones, husband and wife, in Joint Tenancy	8.897	N/A	N/A	8.897	0.008	366	Construction Purposes	02-22-201-019

Parcel	Document No.	Date Recorded
1GX0001	Book L of Deeds, Pages 366 & 367	September 4, 1849
1GX0001	149322	September 16, 1940
149315	149315	September 16, 1940
149316	149316	September 16, 1940
149317	149317	September 16, 1940
149318	149318	September 16, 1940
149319	149319	September 16, 1940
149320	149320	September 16, 1940
149321	149321	September 16, 1940
149323	149323	September 16, 1940
149324	149324	September 16, 1940
149325	149325	September 16, 1940

LEGEND



SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APPROXIMATE PROPERTY LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1, T2, T3: THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3: THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M: STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
COUNTY OF LAKE)
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 46N., RANGE 6E. AND SECTION 22, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
105+60.13	34.06' Lt.	2,109,255.271	934,440.431
105+60.43	0.94' Rt.	2,109,256.948	934,475.392
106+81.08	34.11' Lt.	2,109,376.126	934,435.614
106+81.08	44.11' Lt.	2,109,375.728	934,425.622
107+17.63	44.13' Lt.	2,109,412.253	934,424.166
107+17.74	34.13' Lt.	2,109,412.755	934,434.154
107+18.12	0.87' Rt.	2,109,414.513	934,469.111

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 105+00 TO STATION 111+00
SCALE: 1"=20' SHEET 2 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MADE BY

RECORDING: RECORDED ON

JOB NO. R-91-012-06

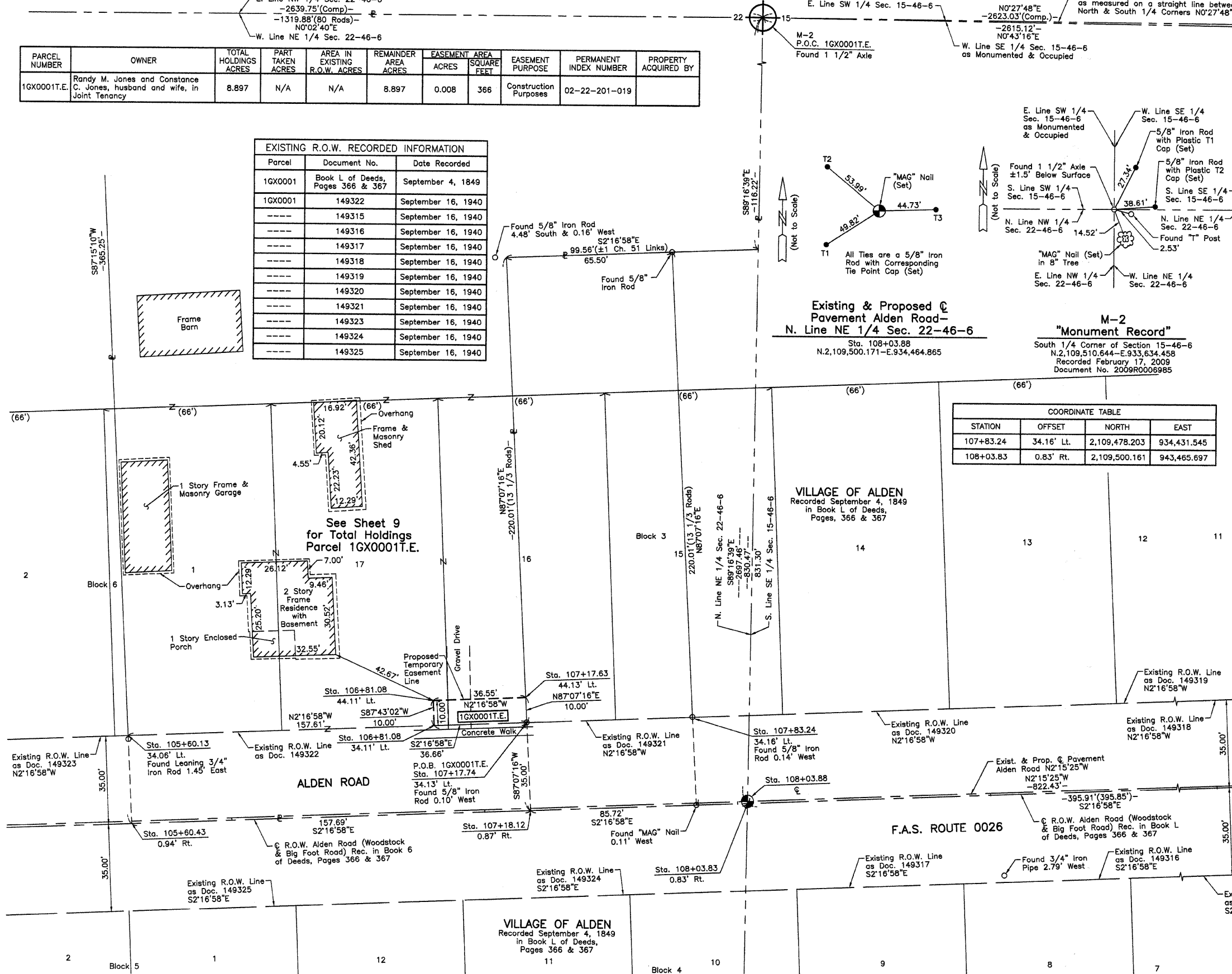
COUNTY McHENRY

SECTION 02-00269-00-BR

ROUTE F.A.S. ROUTE 0026 (ALDEN ROAD)

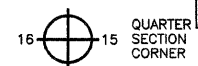
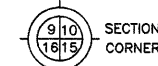
REVISION DATE September 11, 2009

REVISION Eliminated Parcel 1GX0002T.E.

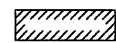


PART OF THE SE 1/4 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

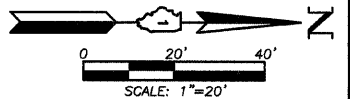
LEGEND



- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA



EXISTING BUILDING



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	
111+54.80	34.33' Lt.	2,109,849.466	934,416.745	
111+69.18	35.67' Rt.	2,109,866.592	934,486.118	
111+99.74	0.65' Rt.	2,109,895.752	934,449.928	
111+99.87	2.48' Rt.	2,109,895.956	934,451.749	
112+36.88	37.00' Rt.	2,109,936.798	934,482.335	
112+37.36	33.00' Lt.	2,109,929.458	934,412.719	

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 29+00 TO STATION 32+00
STATION 111+00 TO STATION 116+00
SCALE: 1"=20'
SHEET 3 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
----	Book L of Deeds, Pages 366 & 367	September 4, 1849
----	Book 8 of Plats, Page 30	July 30, 1930
----	93773	July 30, 1930
----	93774	July 30, 1930
----	93829	August 1, 1930
----	93832	August 1, 1930
----	149307	September 16, 1940
----	149308	September 16, 1940
----	149309	September 16, 1940
----	149310	September 16, 1940
----	149311	September 16, 1940
----	149312	September 16, 1940
----	149313	September 16, 1940
----	149314	September 16, 1940
----	149315	September 16, 1940
----	149318	September 16, 1940

Existing & Proposed Pavement Illinois Route 173 Curve #2		Record & R.O.W. Illinois Route 173 Curve Data	
P.I.	= Sta. 33+08.20	Δ	= 9'48"
Δ	= 8'01'21"	R	= 5729.65'
R	= 5750.00'	T	= 491.2'
T	= 403.21'	L	= 980.0'
L	= 805.10'		
E	= 14.12'		
P.C.	= Sta. 29+04.99		
P.T.	= Sta. 37+10.09		

REVISION DATE September 11, 2009

REVISION Eliminated Parcel 1GX0003T.E.

MADE BY

PART OF THE SE 1/4 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GX0004T.E.	Daniel M. Susong and Barbara E. Susong, husband and wife, as Tenants by the Entireties	0.689	N/A	N/A	0.689	0.019	Construction Purposes	02-15-452-007 02-15-452-017	
1GX0005T.E.	Harold R. Myers and June Myers, in joint tenancy	0.773	N/A	N/A	0.773	0.042	Construction Purposes	02-15-451-010	
1GX0006T.E.	Thomas J. O'Connor and Molly A. Irons, also known as Molly A. O'Connor, husband and wife, as Tenants by the Entirety	0.490	N/A	N/A	0.490	0.029	Construction Purposes	02-15-452-005	

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
117+02.71	1.44' Rt.	2,110,395.748	934,394.981
117+03.20	36.44' Rt.	2,110,400.136	934,429.708
117+03.42	53.00' Rt.	2,110,402.212	934,446.135
117+10.00	43.00' Lt.	2,110,398.022	934,350.002
117+10.00	48.00' Lt.	2,110,397.464	934,355.033
117+29.31	53.00' Rt.	2,110,427.940	934,443.244
117+29.31	56.00' Rt.	2,110,428.275	934,446.225
117+58.76	53.00' Rt.	2,110,457.200	934,439.956
117+58.76	56.00' Rt.	2,110,457.535	934,442.937

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
117+74.16	1.36' Rt.	2,110,466.740	934,386.918
117+74.75	36.36' Rt.	2,110,471.238	934,421.632
117+75.04	53.00' Rt.	2,110,473.376	934,438.138
117+77.40	38.00' Lt.	2,110,465.567	934,347.442
117+77.40	43.00' Lt.	2,110,465.008	934,342.474
117+86.05	1.34' Rt.	2,110,478.550	934,385.576
117+86.52	33.66' Lt.	2,110,475.109	934,350.742
117+86.58	38.00' Lt.	2,110,474.682	934,346.418



_____ SECTION LINE
 _____ QUARTER SECTION LINE
 _____ QUARTER, QUARTER SECTION LINE
 _____ PLATTED LOT LINE
 _____ P PROPERTY (DEED) LINE

---	APL	---	APPARENT PROPERTY LINE
---		---	CENTER LINE
---		---	EXISTING RIGHT OF WAY LINE
---		---	PROPOSED RIGHT OF WAY LINE
---		---	PROPOSED EASEMENT
120.32'			MEASURED DIMENSION
129.32'(Comp.)			COMPUTED DIMENSION
(			RECORD DATA

 EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

○	IRON PIPE OR ROD FOUND	⊕	"MAG" NAIL SET
+	CUT CROSS FOUND OR SET	●	5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH
T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY
T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-
BT2 MENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE
BT3 FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SUR-
VEYORS REGISTRATION NUMBER.

■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

☐ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAKE SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

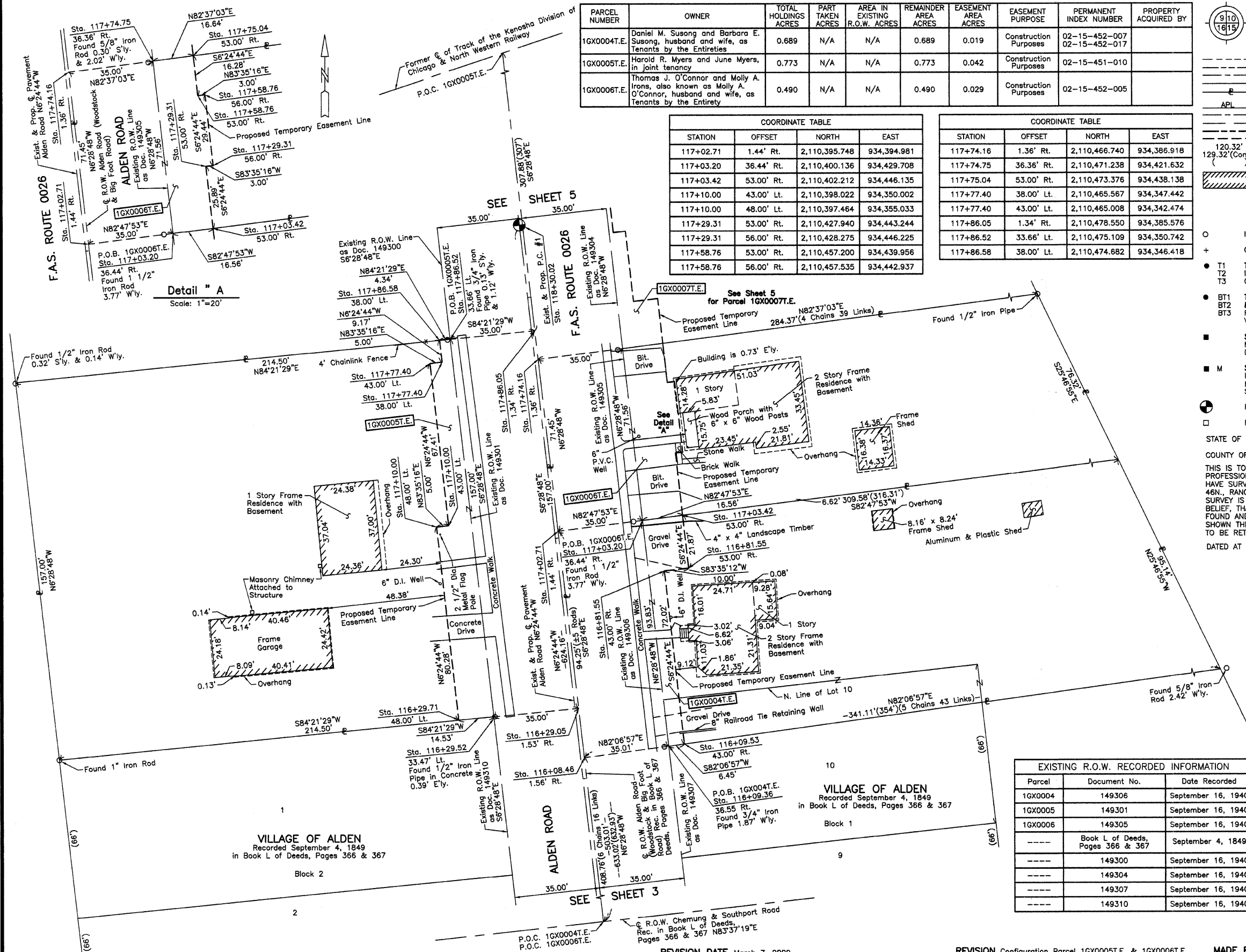
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
116+08.46	1.56' Rt.	2,110,302.101	934,405.618
116+09.36	36.55' Rt.	2,110,306.903	934,440.297
116+09.53	43.00' Rt.	2,110,307.788	934,446.684
116+29.05	1.53' Rt.	2,110,322.553	934,403.295
116+29.52	33.47' Lt.	2,110,319.112	934,368.460
116+29.71	48.00' Lt.	2,110,317.683	934,353.999
116+81.55	43.00' Rt.	2,110,379.359	934,438.641
116+81.55	53.00' Rt.	2,110,380.476	934,448.578

JORGENSEN & ASSOCIATES, INC.
 20 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER
 SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 116+00 TO STATION 118+00
SCALE: 1"=20' SHEET 4 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1GX0004	149306	September 16, 1940
1GX0005	149301	September 16, 1940
1GX0006	149305	September 16, 1940
-----	Book L of Deeds, Pages 366 & 367	September 4, 1849
-----	149300	September 16, 1940
-----	149304	September 16, 1940
-----	149307	September 16, 1940
-----	149310	September 16, 1940

REVISION DATE March 7, 2009

REVISION Configuration Parcel 1GX0005T.E. & 1GX0006T.E.

MADE BY

RECORDING: RECORDED ON

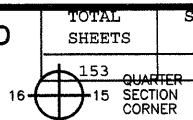
AS DOCUMENT NO.

PART OF THE SE 1/4 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT	AREA	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
1GX00077.E.	Earl J. Howe and Judith C. Howe, in joint tenancy	0.398	N/A	N/A	0.398	0.012	N/A	Construction Purposes	02-15-452-004	
1GX00087.E.	Christopher J. Hansen	0.390	N/A	N/A	0.390	0.005	198	Construction Purposes	02-15-452-003	



LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- | | | | |
|-----|---|---|----------------|
| O | IRON PIPE OR ROD FOUND | ⊕ | "MAG" NAIL SET |
| + | CUT CROSS FOUND OR SET | ● | 5/8" REBAR SET |
| ● | THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. | | |
| T1 | | | |
| T2 | | | |
| T3 | | | |
| ● | THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. | | |
| BT1 | | | |
| BT2 | | | |
| BT3 | | | |
| ■ | STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. | | |
| ■ M | STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. | | |
| ⊙ | PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS) | | |
| □ | RIGHT OF WAY STAKING PROPOSED TO BE SET. | | |

STATE OF ILLINOIS)
COUNTY OF LAKE)SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
117+74.16	1.36' Rt.	2,110,466.740	934,386.918
117+74.75	36.36' Rt.	2,110,471.238	934,421.632
117+75.04	53.00' Rt.	2,110,473.376	934,438.138
117+93.47	43.00' Rt.	2,110,490.578	934,426.142
117+93.47	53.00' Rt.	2,110,491.695	934,436.079
118+22.54	37.99' Rt.	2,110,518.906	934,417.918
118+22.54	43.00' Rt.	2,110,519.465	934,422.895

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 117+00 TO STATION 120+00
SCALE: 1"=20' SHEET 5 OF 11

**BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196**

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1GX0007	149304	September 16, 1940
1GX0008	149303	September 16, 1940
----	Book L of Deeds, Pages 366 & 367	September 4, 1849
----	149299	September 16, 1940
----	149300	September 16, 1940
----	149301	September 16, 1940
----	149305	September 16, 1940

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
118+32.71	33.71' Lt.	2,110,520.981	934,345.532
118+32.73	1.29' Rt.	2,110,524.931	934,380.308
118+32.74	36.29' Rt.	2,110,528.881	934,415.084
118+39.97	38.00' Rt.	2,110,536.347	934,415.950
118+39.98	36.29' Rt.	2,110,536.160	934,414.249
118+40.16	1.30' Rt.	2,110,532.324	934,379.468
118+90.46	38.00' Rt.	2,110,587.055	934,409.677
118+90.52	43.00' Rt.	2,110,587.776	934,414.626
119+06.53	43.00' Rt.	2,110,603.853	934,412.464
119+06.66	36.26' Rt.	2,110,603.069	934,405.768
119+06.68	35.14' Rt.	2,110,602.939	934,404.660
119+07.33	2.15' Rt.	2,110,599.101	934,371.884

Record @ R.O.W.
Alden Road
Curve Data
$$\begin{aligned}\Delta &= 20^{\circ}33' \\ R &= 3125.36' \\ T &= 566.57' \\ L &= 1120.91' \\ E &= 50.94'\end{aligned}$$

Existing & Proposed
C Pavement
Alden Road
Curve #1

P.I. = Sta. 123+95.03
 Δ = 20°20'16"
R = 3150.00'
T = 565.01'
L = 1118.12'
E = 50.27'
P.C. = Sta. 118+30.02
P.T. = Sta. 129+48.14

See Sheet 4
for Parcel
1GX0005T.E.

SEE SHEET 6

ALDEN ROAD
F.A.S. ROUTE 0026

Detail "C"

Scale: 1"=20'

SEE SHEET 4

REVISION DATE September 11, 2009

REVISION Eliminated Parcel 1GX0009T.E.-A & B

MADE BY

RECORDING: RECORDED ON

AS DOCUMENT NO.

ROUTE F.A.S. ROUTE 0026 (ALDEN ROAD)

SECTION 02-00269-00-BR

COUNTY McHENRY

JOB NO. R-91-012-06

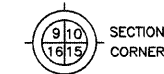
REVISION DATE September 11, 2009

PART OF THE SE 1/4 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

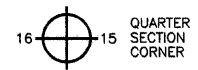
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GX0011	Charles K. Bottlery as to an undivided 1/2 interest Ervin Bottlery, Jr. as to an undivided 1/2 interest	1.234	0.065	0.054	1.169	N/A	N/A	02-15-451-008 02-15-451-020	

TOTAL SHEETS	SHEET NO.
153	85

LEGEND



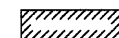
SECTION CORNER



QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA



EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
119+06.66	36.26' Rt.	2,110,603.069	934,405.768
119+06.68	35.14' Rt.	2,110,602.939	934,404.660
119+13.50	2.30' Rt.	2,110,605.238	934,371.187
119+14.95	33.74' Lt.	2,110,601.691	934,335.286
120+46.67	1.16' Rt.	2,110,736.600	934,348.893
120+47.72	8.57' Rt.	2,110,738.963	934,355.998
120+51.56	36.16' Rt.	2,110,747.752	934,382.427
120+52.36	41.97' Rt.	2,110,749.606	934,388.001

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 119+00 TO STATION 122+00
SCALE: 1"=20' SHEET 6 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

STATION	OFFSET	NORTH	EAST
121+00.00	33.89' Lt.	2,110,782.115	934,304.493
121+00.04	1.11' Rt.	2,110,789.022	934,338.805
121+63.53	1.04' Rt.	2,110,851.160	934,325.637
121+68.43	44.99' Lt.	2,110,845.930	934,279.646
121+72.59	33.97' Lt.	2,110,852.338	934,289.505
121+75.49	45.03' Lt.	2,110,852.710	934,278.093

Point Number	Tie to point	Tie Distance (feet)
1	T1	27.24
	T2	18.34
	T3	33.03
2	T1	28.23
	T2	28.73
	T3	50.75

T1 to Point No. 1 is the Frame Corner of 1 Story Workshop ±5.2' Above Ground.
T1 to Point No. 2 is a "MAG" Nail (Set) in 10" Tree.

Parcel	Document No.	Date Recorded
1GX0011	149299	September 16, 1940
----	149298	September 16, 1940
----	149300	September 16, 1940
----	149302	September 16, 1940
----	149303	September 16, 1940

ROUTE F.A.S. ROUTE 0026 (ALDEN ROAD)

SECTION 02-00269-00-BR

COUNTY McHENRY

JOB NO. R-91-012-06

RECORDING: RECORDED ON

AS DOCUMENT NO.

REVISION DATE September 18, 2009
September 11, 2009

REVISION Eliminated Parcel 1GX0010T.E. & Ownership Parcel 1GX0011
Eliminated Parcel 1GX0011T.E.

MADE BY

PART OF THE SE 1/4 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GX0012P.E. 1GX0012T.E.	Doyle C. Endres and Mary Lou Endres, husband and wife, as Tenants by the Entirety	0.515	N/A	N/A	0.515	P.E.=0.012 T.E.=0.022	Highway Purposes Grading	02-15-402-003	
1GX0013DED	Randall S. Rapp and Susan M. McCowin, both divorced in Joint Tenancy	6.093	0.048*	N/A	6.093	N/A	N/A	02-15-401-005	

* Area of Proposed Dedication

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
122+12.22	57.96' Rt.	2,110,911.784	934,370.128
122+25.63	35.96' Rt.	2,110,919.888	934,345.559
122+28.23	26.90' Rt.	2,110,920.309	934,336.139
122+57.41	35.91' Rt.	2,110,951.078	934,337.797
122+67.53	35.90' Rt.	2,110,960.995	934,335.258
123+11.73	58.93' Rt.	2,111,010.248	934,346.083
123+13.29	35.83' Rt.	2,111,005.722	934,323.380
123+15.69	0.83' Rt.	2,110,998.861	934,288.970
123+49.40	45.00' Lt.	2,111,018.825	934,235.846
123+65.00	34.26' Lt.	2,111,036.593	934,241.929
123+65.00	45.00' Lt.	2,111,033.606	934,231.608
125+90.26	0.29' Rt.	2,111,260.174	934,204.798
126+03.90	34.74' Lt.	2,111,260.706	934,167.234

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	44.39 12.61 16.11
2	T1 T2 T3	70.54 52.88 39.01
3	T1 T2 T3	25.50 16.48 30.73
4	T1 T2 T3	15.75 20.61 18.47
5	T1 T2 T3	26.49 29.82 27.57

T1 to Point No. 1 is a "MAG" Nail (Set) in 3", 5" & 6" Tree.
T2 to Point No. 1 is the Frame Corner of the 3 Story Frame & Metal Sided Building.
T3 to Point No. 2 is a "MAG" Nail (Set) in 4", 5", 6" 7" & 20" Multi-Stem Tree.

Record @ R.O.W.
Alden Road
Curve Data

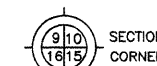
$\Delta = 20'33''$
 $R = 3125.36'$
 $T = 566.57'$
 $L = 1120.91'$
 $E = 50.94'$

Existing & Proposed
@ Pavement
Alden Road
Curve #1

P.I. = Sta. 123+95.03
 $\Delta = 20'20'16''$
 $R = 3150.00'$
 $T = 565.01'$
 $L = 1118.12'$
 $E = 50.27'$
P.C. = Sta. 118+30.02
P.T. = Sta. 129+48.14

TOTAL SHEETS	SHEET NO.
153	86

LEGEND



SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1
T2
T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1
BT2
BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
121+47.41	1.06' Rt.	2,110,835.403	934,329.101
121+51.17	36.05' Rt.	2,110,846.510	934,362.503
121+63.53	1.04' Rt.	2,110,851.160	934,325.637
121+69.82	36.03' Rt.	2,110,864.932	934,358.422
121+70.12	57.98' Rt.	2,110,870.009	934,379.776
121+72.59	33.97' Lt.	2,110,852.338	934,289.505
121+75.49	45.03' Lt.	2,110,852.710	934,278.093
122+12.21	35.98' Rt.	2,110,906.698	934,348.741

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 121+00 TO STATION 126+00
SCALE: 1"=30' SHEET 7 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

September 8, 2009
REVISION DATE January 28, 2009

Changed Parcel 1GX0012 to 1GX0012P.E., Configuration Parcel 1GX0012T.E., Configuration Parcel 1GX0013 & Changed to 1GX0013DED. Configuration Parcel 1GX0012
MADE BY

PART OF THE SE 1/4 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

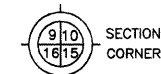
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
123+25.50	64.99' Rt.	2,111,025.394	934,348.228
124+75.39	55.00' Rt.	2,111,168.726	934,294.554
124+75.39	64.96' Rt.	2,111,171.827	934,304.015
126+59.29	35.13' Rt.	2,111,337.443	934,212.620
127+14.74	40.35 Rt.	2,111,391.429	934,196.441
127+14.74	55.00' Rt.	2,111,397.036	934,209.975
127+21.61	41.07' Rt.	2,111,398.131	934,194.433
127+25.47	0.04' Lt.	2,111,385.873	934,155.002

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1GX0014	149297	September 16, 1940
----	149297	September 16, 1940
----	149298	September 16, 1940
----	149302	September 16, 1940

Existing & Proposed
 @ Pavement
 Alden Road
 Curve #1

P.I.	= Sta. 123+95.03
Δ	= 20°20'16"
R	= 3150.00'
T	= 565.01'
L	= 1118.12'
E	= 50.27'
P.C.	= Sta. 118+30.02
P.T.	= Sta. 129+48.14

Record @ R.O.W.
Alden Road
Curve Data

$$\begin{aligned}\Delta &= 20^{\circ}33' \\ R &= 3125.36' \\ T &= 566.57' \\ L &= 1120.91' \\ E &= 50.94'\end{aligned}$$


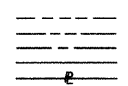
SECTION
CORNER



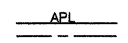
QUARTER
SECTION
CORNER

TOTAL SHEETS	SHEET NO.
153	87

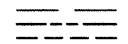
LEGEND



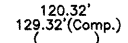
SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE



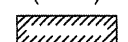
APPARENT PROPERTY LINE
CENTER LINE



EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT



MEASURED DIMENSIONS
COMPUTED DIMENSIONS
RECORD DATA



EXISTING BUILD



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH
T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY
T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-**
BT2 **MENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE
BT3 FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SUR-
VEYORS REGISTRATION NUMBER.
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY
MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION
DATA AND SURVEYORS REGISTRATION NUMBER.
- M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8
INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY
MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING
SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO RF SET.

STATE OF ILLINOIS)
COUNTY OF LAKE)SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS DAY OF 20 A.D.

Point Number □	Tie to point	Tie Distance (feet)
1	T1	70.54
	T2	52.88
	T3	39.01
2	T1	44.79
	T2	34.28
	T3	38.60
3	T1	58.48
	T2	34.95
	T3	55.40
4	T1	65.85
	T2	43.74
	T3	61.12
5	T1	29.36
	T2	30.46
	T3	38.78
6	T1	39.20
	T2	43.43
	T3	53.42
7	T1	43.46
	T2	45.87
	T3	53.42

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GX0014	Ervin Bottlery, Jr.	77.476	0.552	0.335	76.924	N/A	N/A	02-15-426-002	

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
121+47.41	1.06' Rt.	2,110,835.403	934,329.101
121+51.17	36.05' Rt.	2,110,846.510	934,362.503
122+25.63	35.96' Rt.	2,110,919.888	934,345.559
122+28.23	26.90' Rt.	2,110,920.309	934,336.139
122+57.41	35.91' Rt.	2,110,951.078	934,337.797
123+11.73	58.93' Rt.	2,111,010.248	934,346.083
123+13.29	35.83' Rt.	2,111,005.722	934,323.380
123+15.69	0.83' Rt.	2,110,998.861	934,288.970

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 121+00 TO STATION 129+00
SCALE: 1"=30' SHEET 8 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE

REVISION

MADE BY

ROUTE F.A.S. ROUTE 0026 (ALDEN ROAD)

SECTION 02-00269-00-BR

COUNTY McHENRY

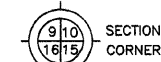
JOB NO. R-91-012-06

RECORDING: RECORDED ON

AS DOCUMENT NO.

PART OF THE SE 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 22, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



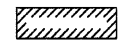
SECTION CORNER



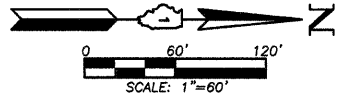
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA



EXISTING BUILDING



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS

COUNTY OF LAKE

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL LAND SURVEYING CORPORATION, NUMBER 134-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 46N., RANGE 6E. AND SECTION 22, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE: SURFACE COORDINATES ARE SHOWN.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION NONE TO STATION
SCALE: 1"=60' SHEET 9 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE

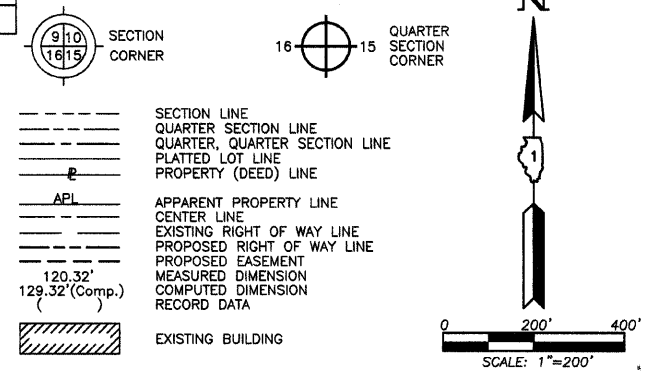
REVISION

MADE BY

PART OF THE EAST 1/2 OF SEC. 15, TWP. 46 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

TOTAL SHEETS	SHEET NO.
153	89

LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 46N., RANGE 6E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

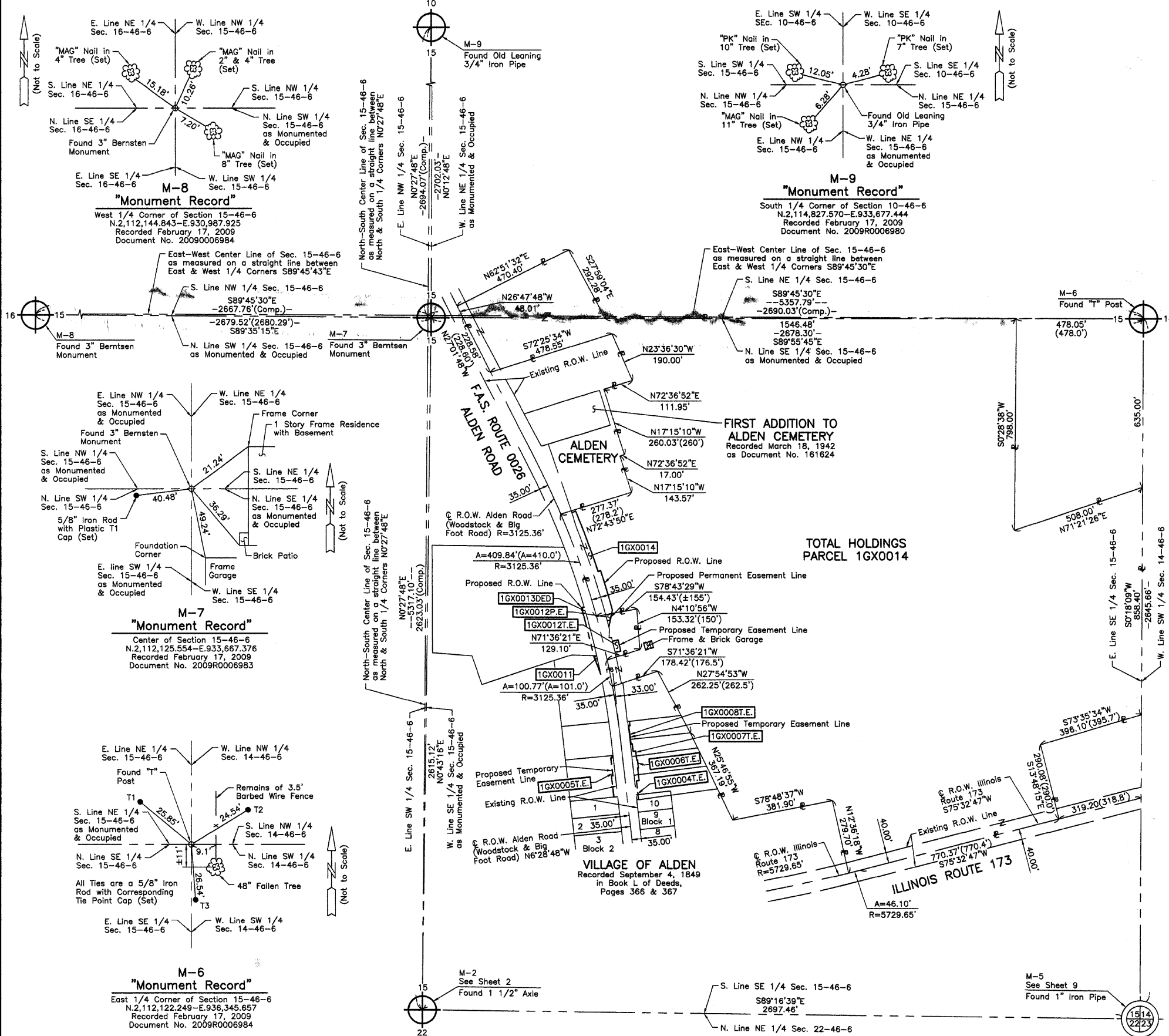
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)
SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT STATION NONE TO STATION
SCALE: 1"=200' SHEET 10 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MADE BY



REVISION DATE

REVISION

ROUTE F.A.S. ROUTE 0026 (ALDEN ROAD)

SECTION 02-00269-00-BR

COUNTY McHENRY

JOB NO. R-91-012-06

RECORDING: RECORDED ON

AS DOCUMENT NO.

TOTAL SHEETS	SHEET NO.
153	90

SECTION
CORNER



_____ SECTION LINE
 _____ QUARTER SECTION LINE
 _____ QUARTER, QUARTER SECTION LINE
 _____ PLATTED LOT LINE
 _____ e PROPERTY (DEED) LINE

_____ API
 _____ CENTER LINE
 _____ EXISTING RIGHT OF WAY LINE
 _____ PROPOSED RIGHT OF WAY LINE
 _____ PROPOSED EASEMENT
 120.32' MEASURED DIMENSION
 129.32'(Comp.) COMPUTED DIMENSION
 { RECORD DATA

 EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (2007) East Zone.

- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- T1 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH
T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY
T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-**
BT2 **MENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE
BT3 FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SUR-
VEYORS REGISTRATION NUMBER.
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY
MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION
DATA AND SURVEYORS REGISTRATION NUMBER.
- M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8
INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY
MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING
SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS.

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 46N., RANGE 12E., SECTION 12, TOWNSHIP 46N., RANGE 12E., THE THIRD PRINCIPAL MERIDIAN, MCHenry COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED BY PERMANENT QUESTIONNAIRE ARE IN THE POSITIONS THEREON, AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.S. ROUTE 0026 (ALDEN ROAD)

SECTION 02-00269-00-BR McHENRY COUNTY
PROJECT JOB NO. R-91-012-06
STATION 28+00.00 TO STATION 39+00.00 (Illinois Route 173)
STATION 103+83.43 TO STATION 131+49.61 (Alden Road)
SCALE: 1"=100' SHEET 11 OF 11

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MADE BY

AS DOCUMENT NO.

REVISION DATE

REVISION

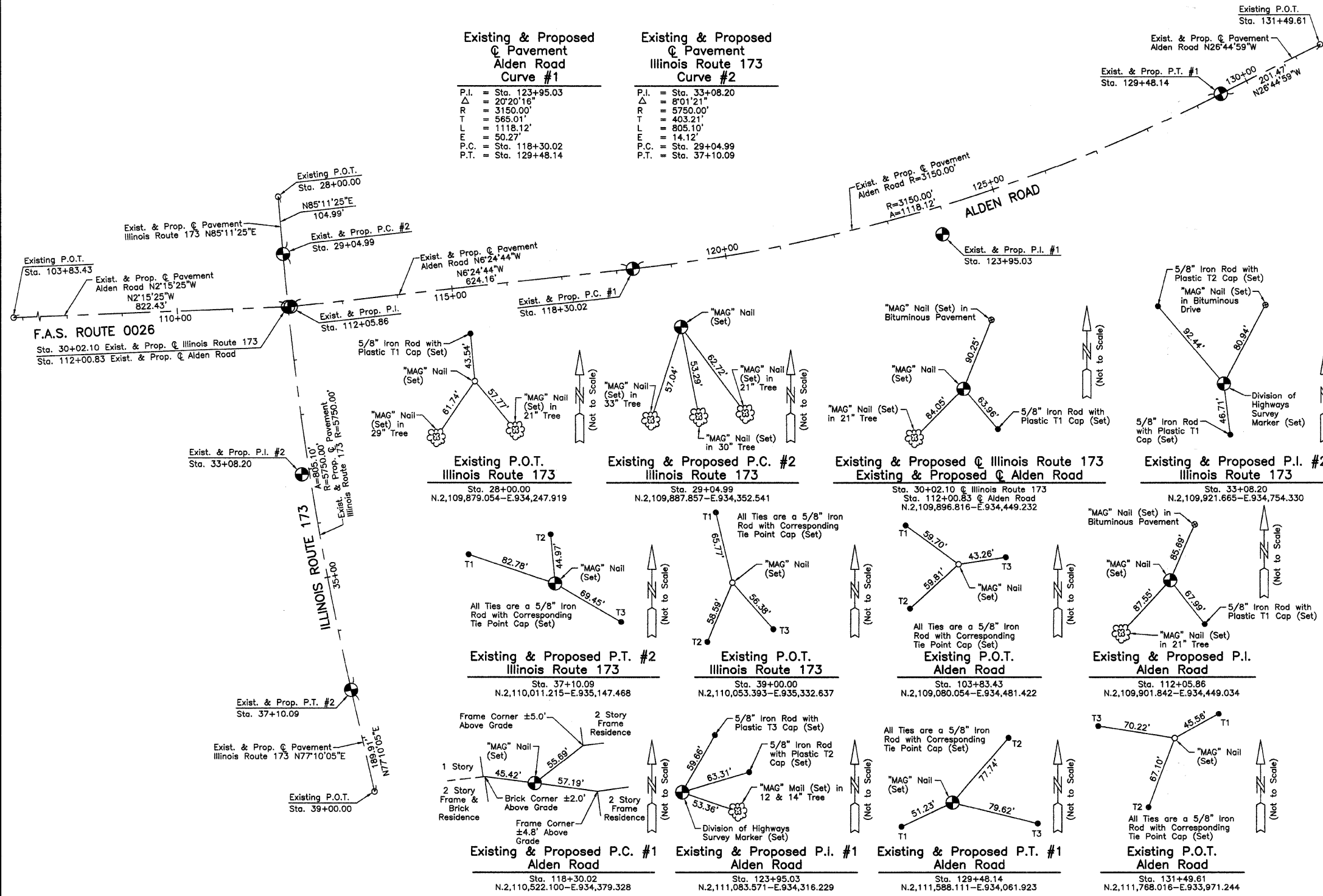
RECORDING: RECORDED ON

ROUTE F.A.S. ROUTE 0026 (ALDEN ROAD)

SECTION 02-00269-00-BR

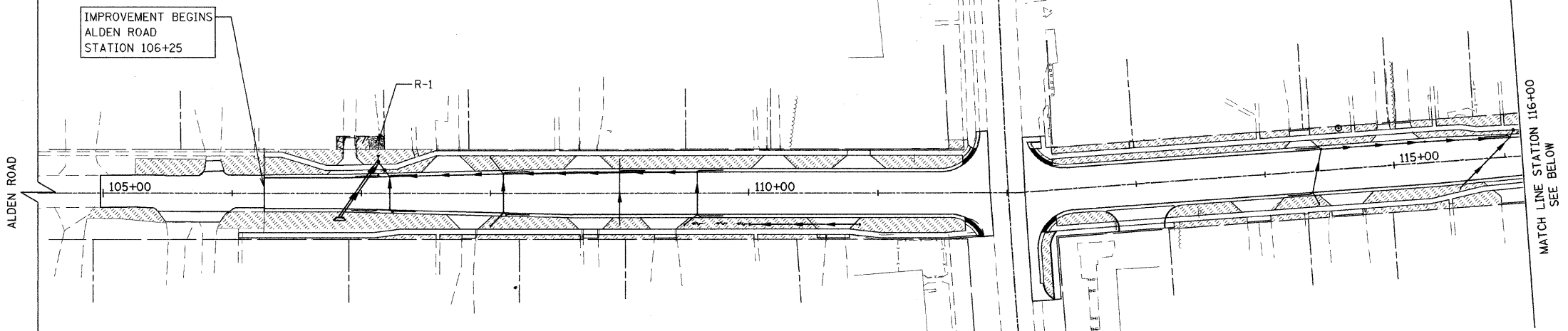
COUNTY McHENRY

JOB NO. R-91-012-06





IL ROUTE 173

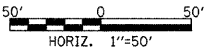
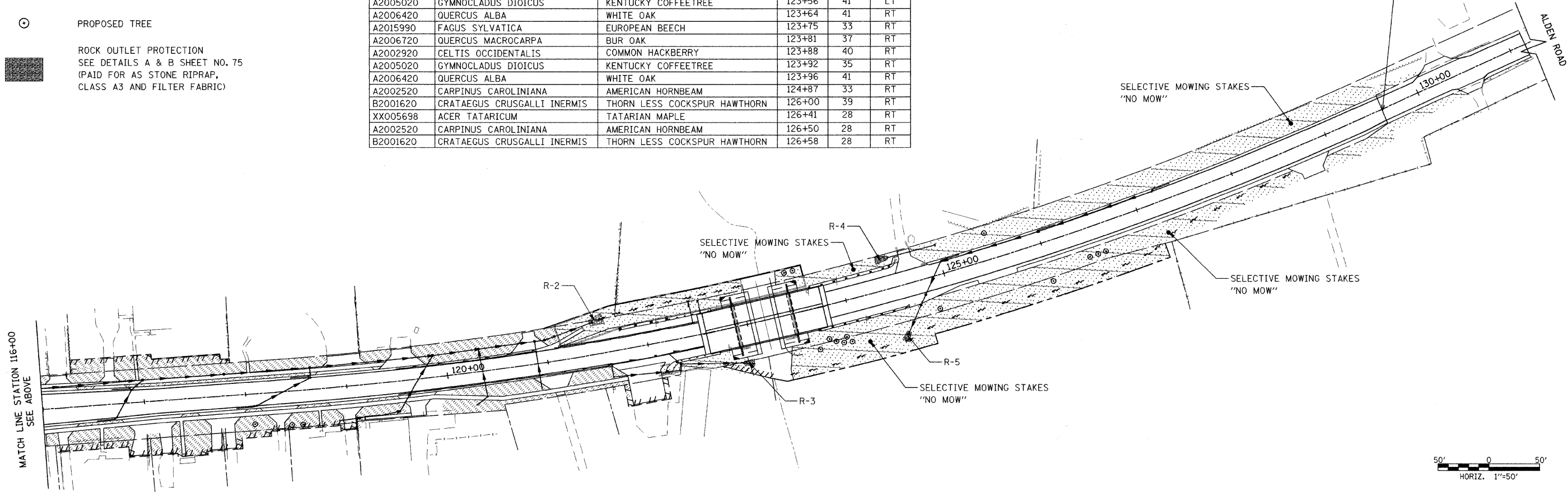


LEGEND

- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6"
- SEEDING, CLASS 4A TOPSOIL FURNISH AND PLACE, 6" EROSION CONTROL BLANKET (KNITTED STRAW MAT ONLY) HEAVY DUTY EROSION CONTROL BLANKET ON SLOPES STEEPER THAN 3:1 (STA 122+40 TO 122+75 LT BACKSLOPE AND STA 122+75 TO 122+88 LT FORESLOPE AND BACKSLOPE)
- PROPOSED TREE
- ROCK OUTLET PROTECTION SEE DETAILS A & B SHEET NO. 75 (PAID FOR AS STONE RIPRAP, CLASS A3 AND FILTER FABRIC)

TREE REPLACEMENT					
IDOT CODE	SCIENTIFIC NAME	COMMON NAME	STATION	OFFSET	
A2006720	QUERCUS MACROCARPA	BUR OAK	114+60	32	LT
A2002520	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	118+08	30	RT
B2001620	CRATAEGUS CRUGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	118+44	33	RT
XX005698	ACER TATARICUM	TATARIAN MAPLE	118+54	34	RT
A2002920	CELTIS OCCIDENTALIS	COMMON HACKBERRY	123+47	41	LT
A2005020	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	123+56	41	LT
A2006420	QUERCUS ALBA	WHITE OAK	123+64	41	RT
A2015990	FAGUS SYLVATICA	EUROPEAN BEECH	123+75	33	RT
A2006720	QUERCUS MACROCARPA	BUR OAK	123+81	37	RT
A2002920	CELTIS OCCIDENTALIS	COMMON HACKBERRY	123+88	40	RT
A2005020	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	123+92	35	RT
A2006420	QUERCUS ALBA	WHITE OAK	123+96	41	RT
A2002520	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	124+87	33	RT
B2001620	CRATAEGUS CRUGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	126+00	39	RT
XX005698	ACER TATARICUM	TATARIAN MAPLE	126+41	28	RT
A2002520	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	126+50	28	RT
B2001620	CRATAEGUS CRUGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	126+58	28	RT

IMPROVEMENT ENDS
ALDEN ROAD
STATION 129+61



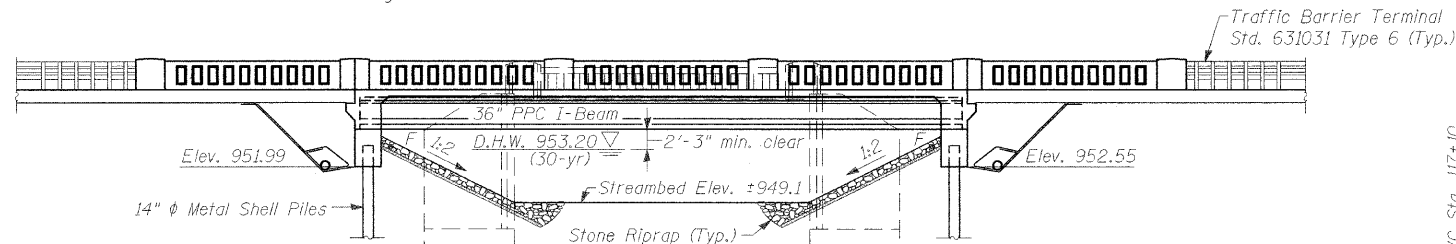
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Structure: No. 056-3005, built in 1939 as F.A.S. Rte. 0026. The existing structure consists of a single-span reinforced concrete slab bridge on closed abutments, 29'-9" back-to-back of abutments and 27'-6" out to out of deck.

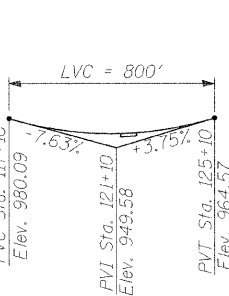
Bench Mark:
Mag nail E. side of Alden across from
N. side of drive of house # 9405 N. of bridge.
Elevation 962.67

Road shall be kept open to one lane of traffic at all times utilizing staged construction.

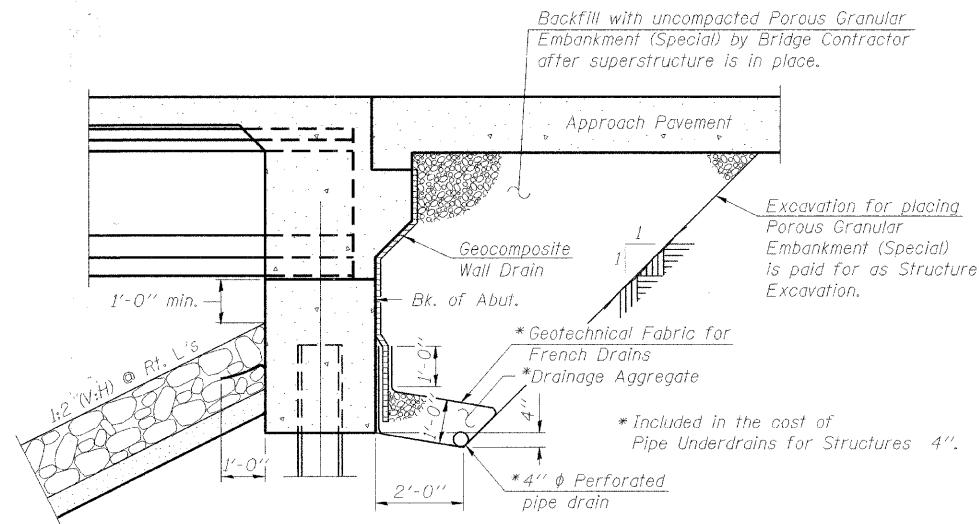
No Salvage.



ELEVATION
(Looking West)

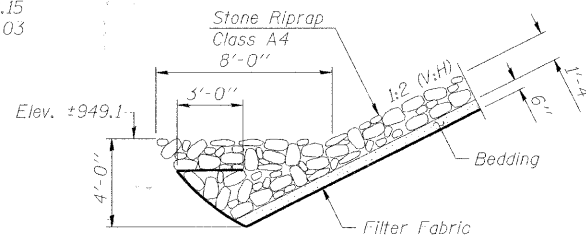


PROFILE GRADE
(Along Roadway)

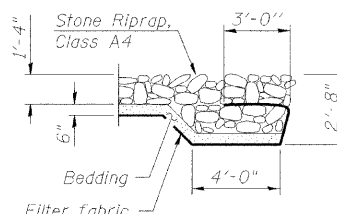


SECTION THRU INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)
All drainage system components shall extend to 2'-0" from the end of each wingwall except the Pipe Underdrains for Structures 4", which should extend beyond the ends of the wingwalls and connect to an outlet pipe. The outlet pipe shall extend until intersecting with the slopes in front of the abutments. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



SECTION A-A



SECTION B-B

CURVE DATA
 $\Delta = 20^\circ 20' 16"$ (LT)
 $D = 1^\circ 49' 08"$
 $T = 565.01'$
 $L = 1,118.12'$
 $E = 50.27'$
 $R = 3,150.00'$
 $S.E. = 2.00\%$
 $P.C. = Sta. 118+30.03$
 $P.T. = Sta. 129+48.15$
 $P.I. = Sta. 123+95.03$

BRANCH OF THE NIPPERSINK CREEK
BUILT 2009 BY
McHENRY COUNTY
SEC. 02-00269-00-BR
STATION 123+17.57
STR. NO. 056-3174 LOADING HS-20

NAME PLATE
(See Std. 515001)

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2002 AASHTO "Standard Specifications for Highway Bridges"

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.04g
Site Coefficient (S) = 1.0

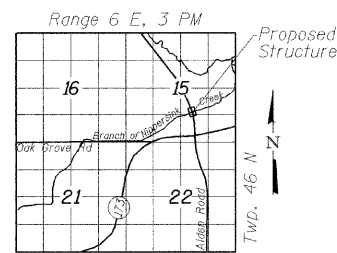
DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (structural steel)

PRECAST PRESTRESSED UNITS

$f'_c = 6,000$ psi
 $f'_{ci} = 5,000$ psi
 $f'_s = 270,000$ psi (1/2" ϕ low relax. strands)
 $f_{si} = 201,960$ psi (1/2" ϕ low relax. strands)



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

ALDEN ROAD (FAS 0026)

OVER A BRANCH OF THE

NIPPERSINK CREEK

F.A.S. RT. 0026 - SEC. 02-00269-00-BR

McHENRY COUNTY

STATION 123+17.57

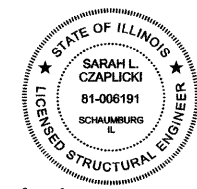
STRUCTURE NO. 056-3174

DESIGN SCOUR ELEVATION TABLE

Design Scour	South Abut.	North Abut.
Elevation (ft.)	951.99	952.55

WATERWAY INFORMATION

Drainage Area=4.26 sq mi Low Grade Elev. 959.39 @ Sta. 122+46.39									
Flood	Freq.	Q	Opening	Sq. Ft.	Nat.	Head	Fl.	Headwater	El.
Design	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Base	100	790	134.96	184.00	954.00	0.01	0.02	954.00	954.02
Max. Calc.	500	2550	195.44	263.26	956.16	0.13	3.48	956.29	959.64



Sarah L. Czaplucki 05/28/09

SARAH L. CZAPLUCKI, P.E., S.E.
NO. 81-006191
EXP. DATE 11/30/2010

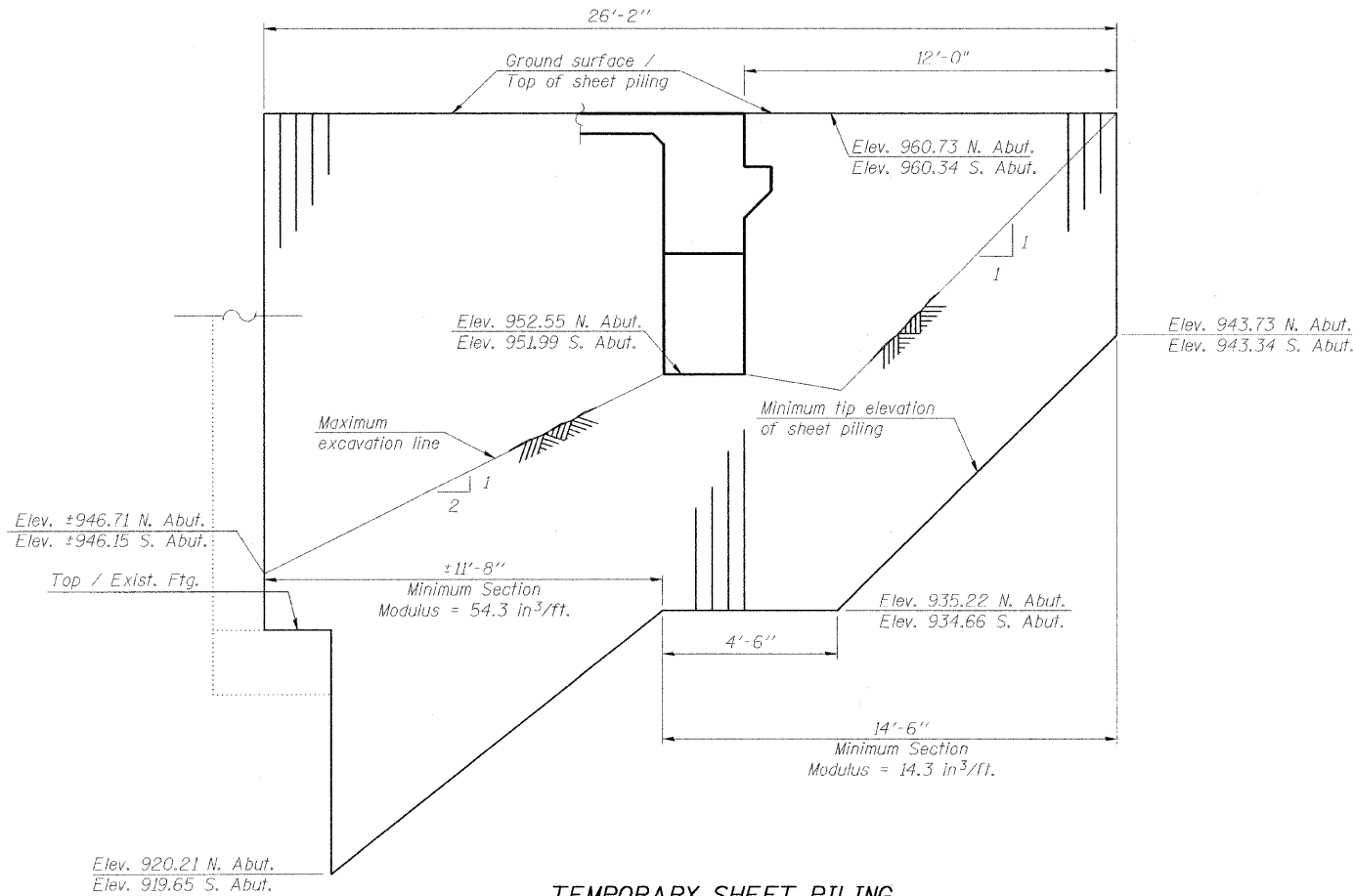
"I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current 'AASHTO Standard Specifications for Highway Bridges'."

TranSystems

1051 Perimeter Drive, Suite 1025
Schaumburg, IL 60173-5058
Phone: (847) 605-9600
Fax: (847) 605-9610

SHEET NO. 1	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	93
			CONTRACT NO. 63212		
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TEMPORARY SHEET PILING
(North Abutment shown, South Abutment similar)

Notes:

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data
3. Foundation Layout Plan
4. Stage Construction Details
5. Steel Railing (Temporary)
6. Temporary Concrete Barrier
7. Top of Slab Elevations I
8. Top of Slab Elevations II
9. Top of Approach Slab Elevations
10. Deck Plan and Cross Section
11. Concrete Bridge Railing
12. Superstructure Details
13. Bridge Approach Slab Details
14. Bridge Approach Slab Details
15. 36" PPC I-Beam
16. 36" PPC I-Beam Details
17. South Abutment
18. North Abutment
19. Metal Shell Pile Details
20. Bar Splicer Assembly Details
21. Soil Boring Logs I
22. Soil Boring Logs II

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Channel Excavation	Cu. Yd.		321	321
Porous Granular Embankment, Special	Cu. Yd.		142	142
Stone Riprap, Class A4	Sq. Yd.		439	439
Filter Fabric	Sq. Yd.		616	616
Removal of Existing Structures	Each		1	1
Structure Excavation	Cu. Yd.		304	304
Concrete Structures	Cu. Yd.		64.3	64.3
Rubbed Finish	Sq. Ft.	1423		1423
Concrete Superstructure	Cu. Yd.	224.9		224.9
Bridge Deck Grooving	Sq. Yd.	507		507
Protective Coat	Sq. Yd.	629		629
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 36 in.	Foot	398		398
Reinforcement Bars, Epoxy Coated	Pound	52,250	6280	58,530
Bar Splicers	Each	485	18	503
Steel Railing (Temporary)	Foot	30		30
Furnishing Metal Shell Piles 14"x0.250"	Foot		840	840
Driving Piles	Foot		840	840
Test Pile Metal Shells	Each		2	2
Pile Shoes	Each		14	14
Temporary Sheet Piling	Sq. Ft.		1436	1436
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		78	78
Pipe Underdrains for Structures 4"	Foot		126	126
Concrete Bridge Railing	Foot	200		200
Temporary Slab Support System	L Sum	1		1

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
4. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
5. The existing structure was investigated for presence of asbestos during the preliminary design phase and was found to NOT contain asbestos. Documentation confirming this finding was provided to the Illinois Department of Transportation at that time to clear this project for approval.
6. Demolition of the bridge within and near the creek shall be in accordance with the US Army Corps of Engineer's Regional Permit and McHenry County SWCD erosion control requirements. See the Erosion Control Plans for additional information. A copy of the Regional Permit is included in the Special Provisions.
7. The Contractor is advised that the existing structure is in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the structure when developing construction procedures for removal and replacement of the structure.
8. Plan dimensions and details relative to existing structure are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

GENERAL DATA
STRUCTURE NO. 056-3174

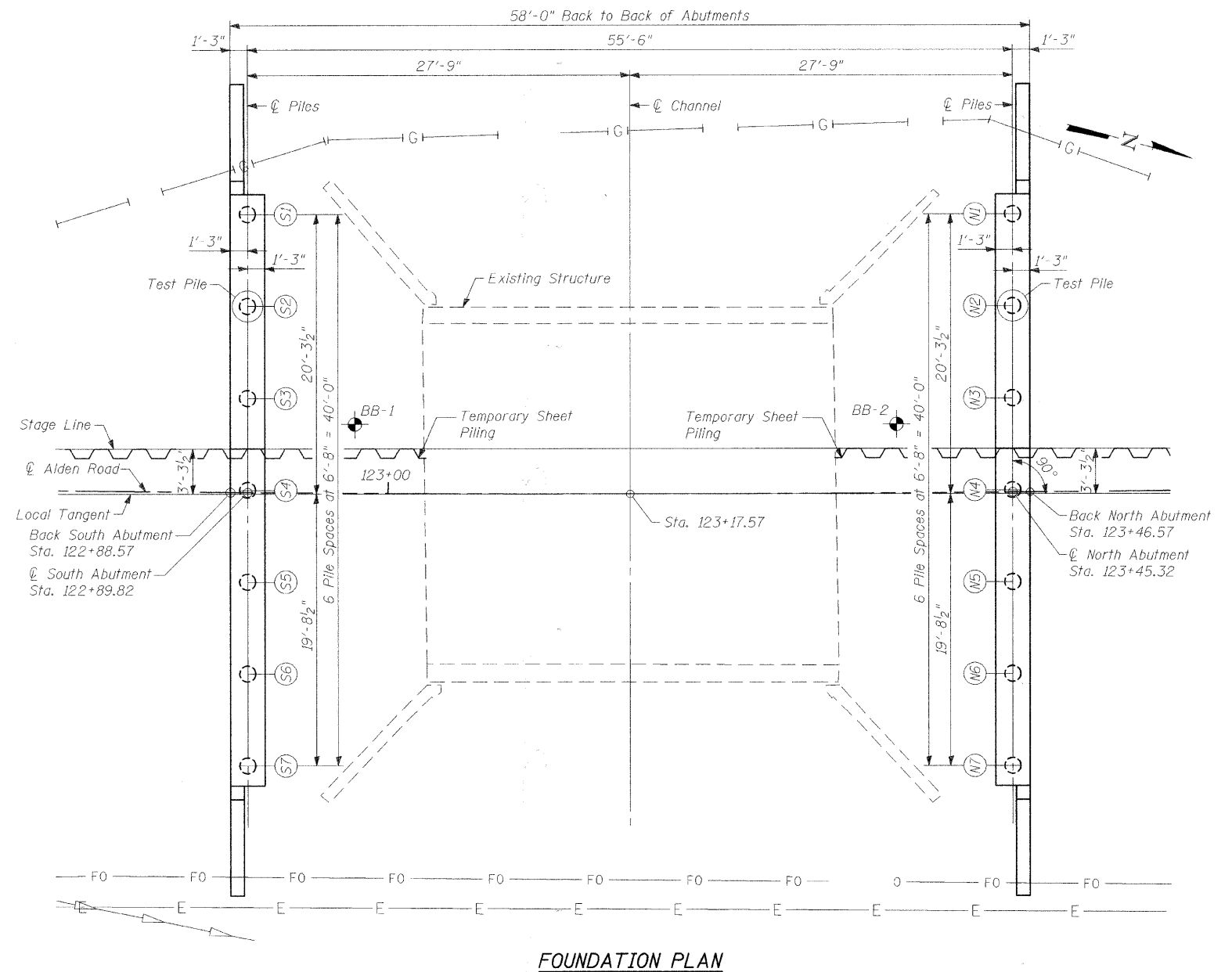


DESIGNED	MDS
CHECKED	LAN
DRAWN	MDS
CHECKED	SLC

SHEET NO. 2	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	94
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			
		CONTRACT NO. 63212			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PILE DRIVING RECORD										DATE PILES DRIVEN: MONTH YEAR			
TYPE & SIZE OF PILE USED: _____													
PILE DRIVING EQUIPMENT USED: _____													
ENERGY RATING: _____													
HAMMER USED: TYPE: _____ STROKE: _____ WEIGHT: _____													
FORMULA USED: _____													
TO CALCULATE CAPACITY: _____													
PILE DRIVING CONTRACTOR: _____ CSE: _____													
PILE LOCATION	PILE NO.	GROUND SURFACE ELEV.	CUT-OFF ELEV.	PENE-TRATED LENGTH FT.	DRIVING DATA FOR FINAL 5 FEET - BLOWS							CAPACITY KIPS	REMARKS
					5' TO 4'	4' TO 3'	3' TO 2'	2' TO 1'	1' TO 0'	12" TO 6"	6" TO 0"		
S. Abut.	S1												
S. Abut.	S2												
S. Abut.	S3												
S. Abut.	S4												
S. Abut.	S5												
S. Abut.	S6												
S. Abut.	S7												
N. Abut.	N1												
N. Abut.	N2												
N. Abut.	N3												
N. Abut.	N4												
N. Abut.	N5												
N. Abut.	N6												
N. Abut.	N7												



FOUNDATION PLAN

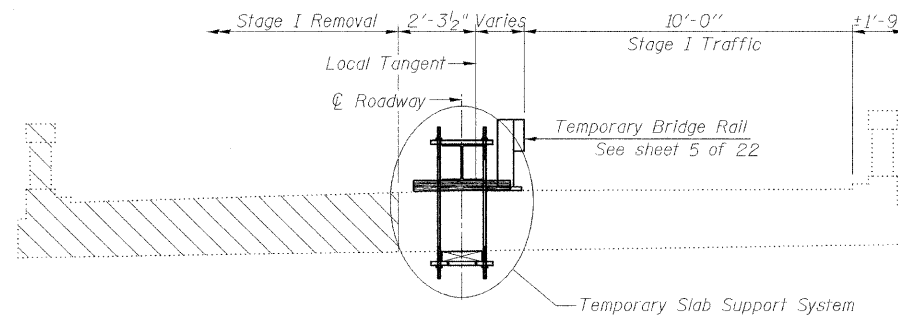
FOUNDATION LAYOUT PLAN
STRUCTURE NO. 056-3174

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CHECKED	LAN
DRAWN	MDS
CHECKED	SLC

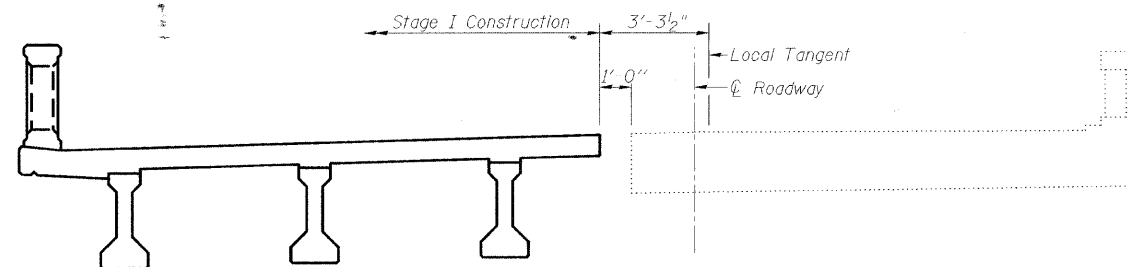
TranSystems
1051 Perimeter Drive, Suite 1025
Schaumburg, IL 60173-5058
Phone: (847) 605-9600
Fax: (847) 605-9610

SHEET NO. 3	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63212					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

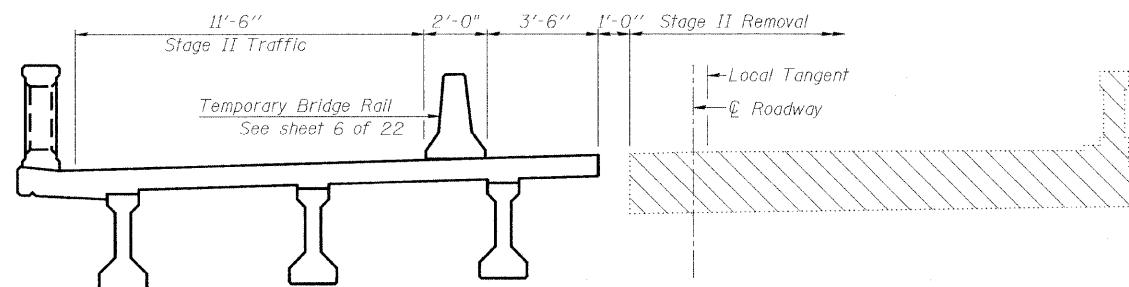
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



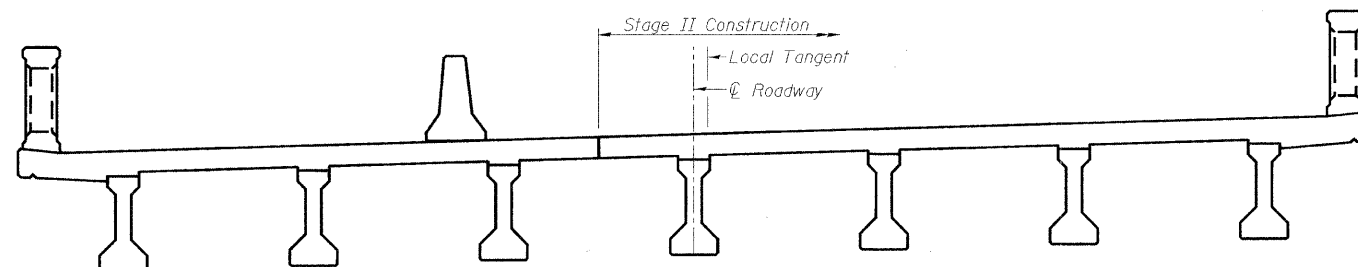
STAGE I REMOVAL



STAGE I CONSTRUCTION



STAGE II REMOVAL



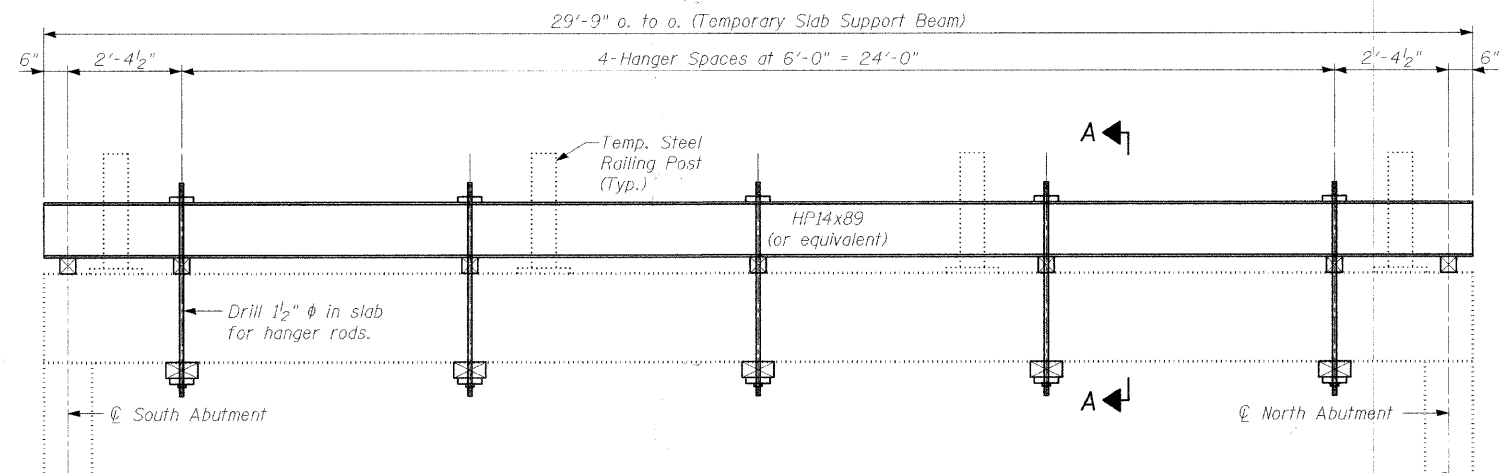
STAGE II CONSTRUCTION

DESIGNED	MDS
CHECKED	LAN
DRAWN	MDS
CHECKED	SLC

Notes:
All staging cross sections are looking North.
For quantity of Temporary Concrete Barrier, see roadway plans.
Hatched area indicates Removal of Existing Structures.

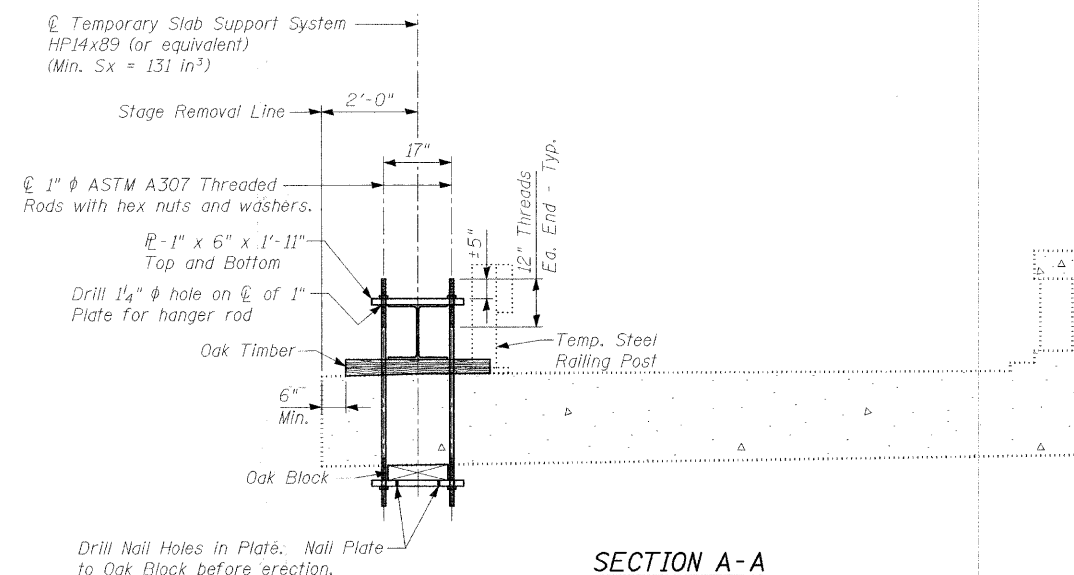
NOTES FOR CONSTRUCTION:

The Contractor shall field verify all existing dimensions and conditions prior to ordering any material and construction.
If the Contractor's construction procedures involve placement of cranes or other heavy equipment on the existing structure, a detailed procedure shall be submitted to the Engineer for approval. The submittal shall include calculations and sketches sealed by an Illinois Licensed Structural Engineer. The calculations shall verify that the heavy equipment and procedure used will not overstress the remaining half of the existing structure.
The Contractor is advised that the existing concrete structure is in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the structure when developing construction procedures for removal and replacement of the structure.
Install the temporary support for the existing concrete slab prior to removing any of the existing concrete slab for Stage I removal.



SUGGESTED TEMPORARY SLAB SUPPORT SYSTEM

Notes:
Support beam to be placed on wood blocks at abutments prior to putting blocks under hangers. Wood blocking under hangers to be placed after support beam deflects under its own weight. Hanger rods shall be tightened to remove any slack and obtain full bearing of bottom plate under slab prior to Stage I removal of slab.
Estimated weight of Structural Steel = 3200 lbs.
Temporary Slab Support System shall not be painted.



SECTION A-A

**NOTES FOR REMOVAL AND
TEMPORARY SUPPORT OF EXISTING SLAB:**

The Contractor shall provide support and/or shoring systems for the concrete slab at the location indicated on the plan in order to furnish an added degree of safety. The support and/or shoring systems shall be approved by the Engineer. Such approval will not relieve the Contractor of responsibility for the safety of the structure.

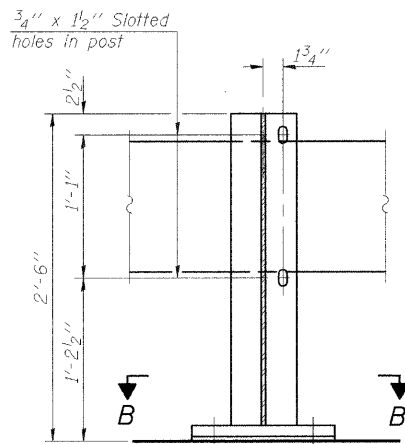
**STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 056-3174**

TranSystems
1051 Perimeter Drive, Suite 1025
Schaumburg, IL 60173-5058
Phone: (847) 605-9600
Fax: (847) 605-9610

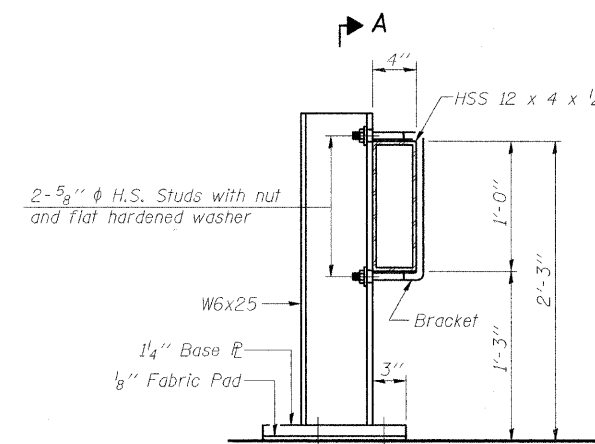
SHEET NO. 4	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	96
CONTRACT NO. 63212					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

lanelson
5/28/2009
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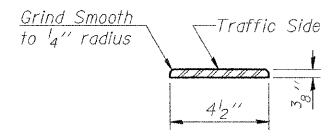
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



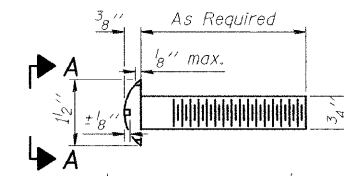
SECTION A-A



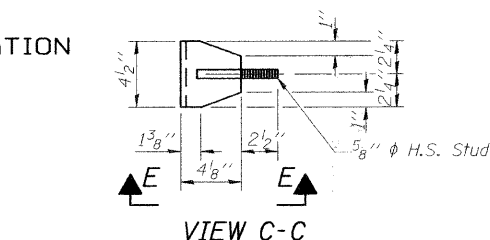
SECTION AT RAIL POST



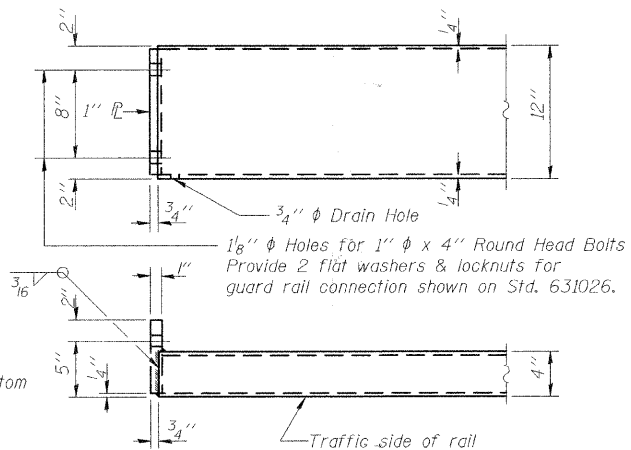
DETAIL A



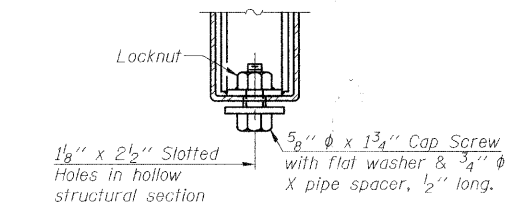
VIEW A-A
ROUND HEAD BOLT



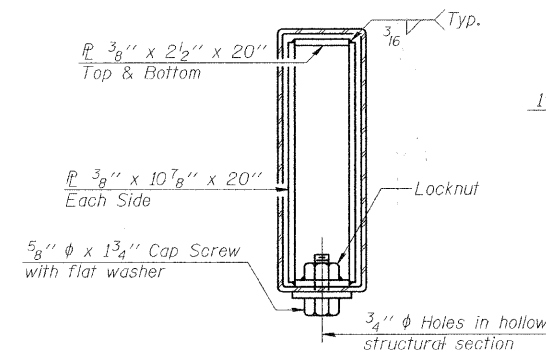
VIEW C-C



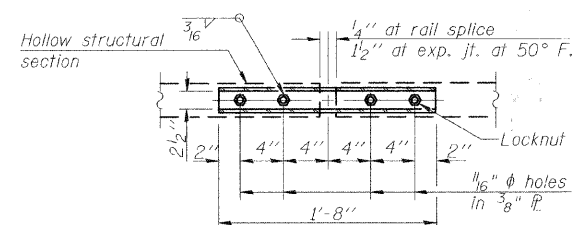
END OF RAIL DETAILS



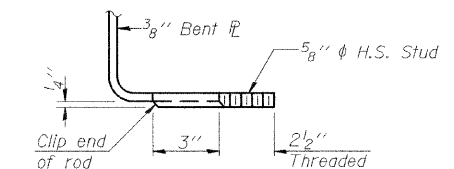
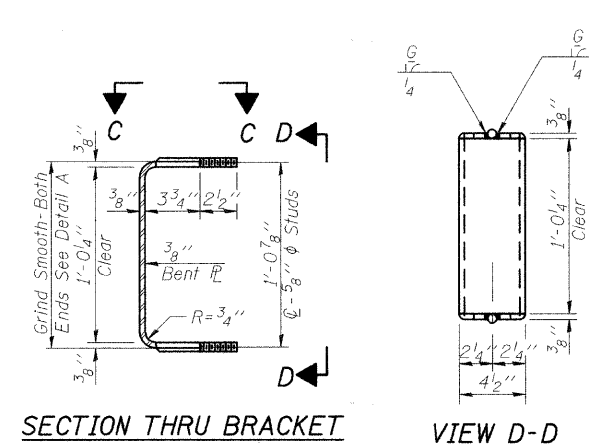
RAIL SPLICE CONNECTION
AT EXPANSION JT.



SECTION AT RAIL SPLICE

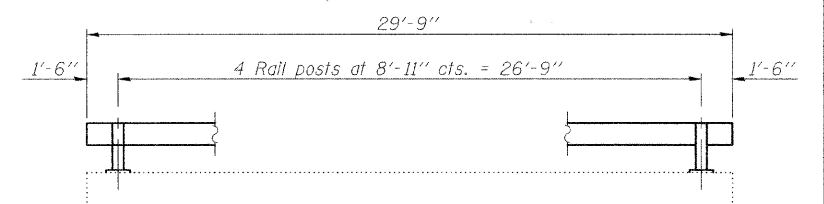


PLAN-BOTT. SPLICE R
TYPICAL



VIEW E-E

Notes:
The contact surfaces between post flange, rail and inside face of bracket for Alternate I shall be free of all lubricants.
The nut for 5/8\"/>



TEMPORARY BRIDGE RAIL POST SPACING

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing (Temporary)	Foot	30

STEEL RAILING (TEMPORARY)
STRUCTURE NO. 056-3174

SHEET NO. 5	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	97
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			
		CONTRACT NO. 63212			

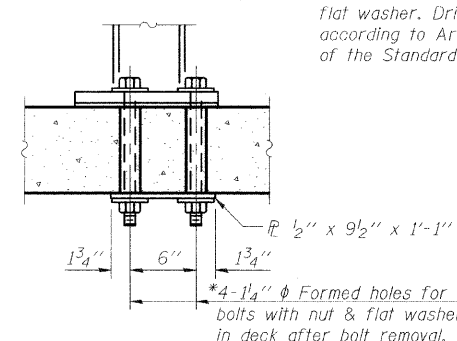
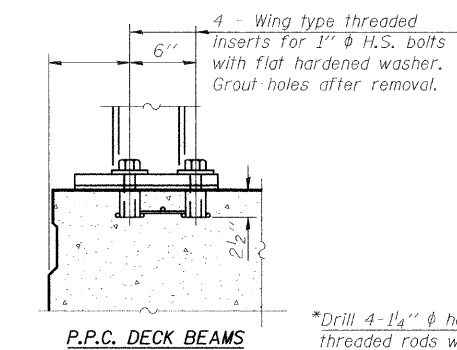
DESIGNED	LAN
CHECKED	SLC
DRAWN	LAN
CHECKED	SLC

R-25

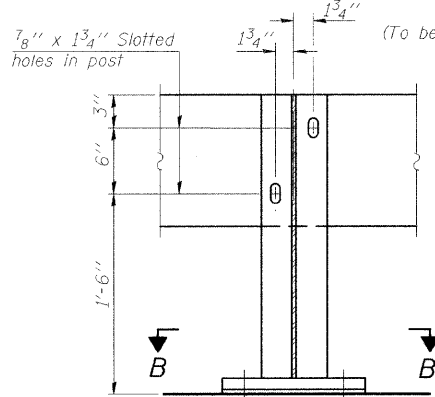
10-1-08

(10'-9" Maximum Post Spacing)

NEW & EXISTING DECKS
ANCHORAGE DETAILS



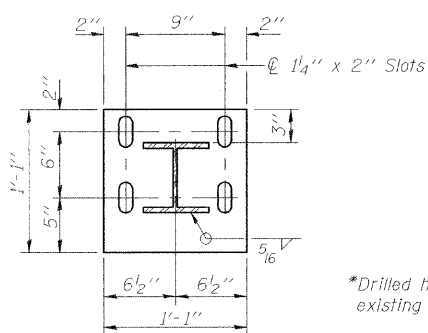
ALTERNATE I
(To be used only for Roadway width $\geq 12'$)



SECTION A-A

2-3/4\"/>

ALTERNATE II

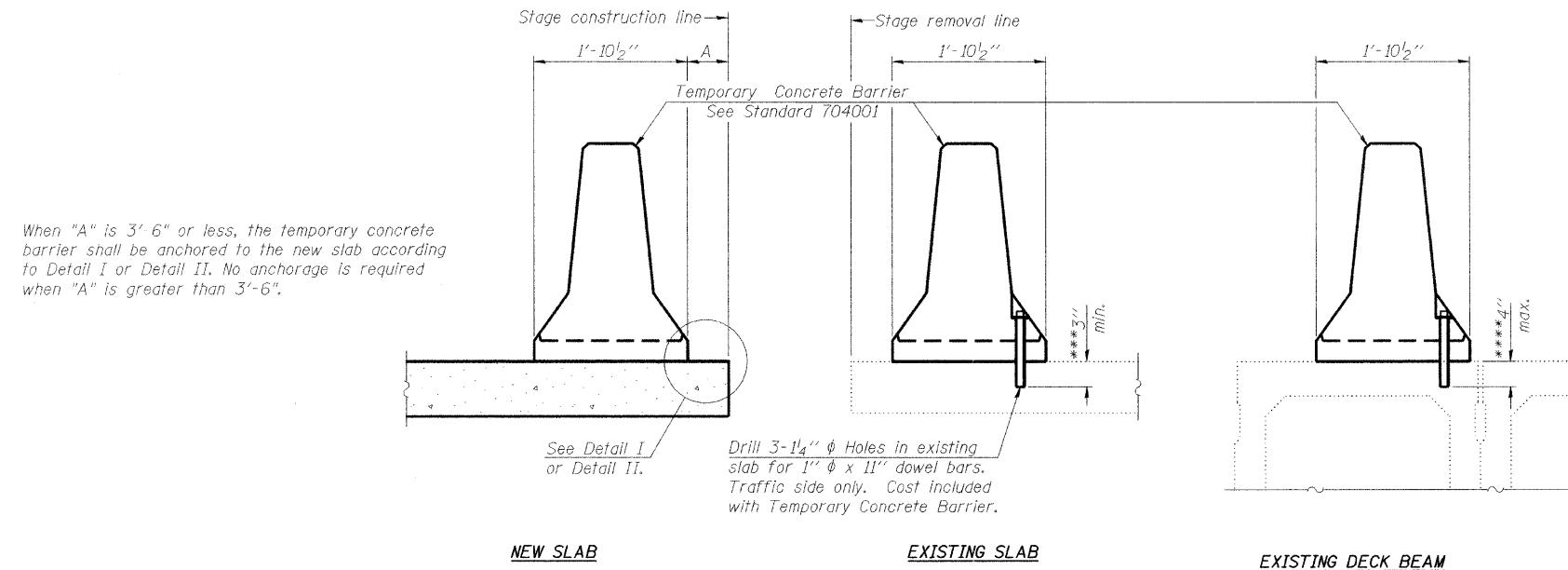


SECTION B-B

*Drilled holes for existing deck.

*Drill 4-1 1/4\"/>

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTIONS THRU SLAB OR DECK BEAM

NOTES

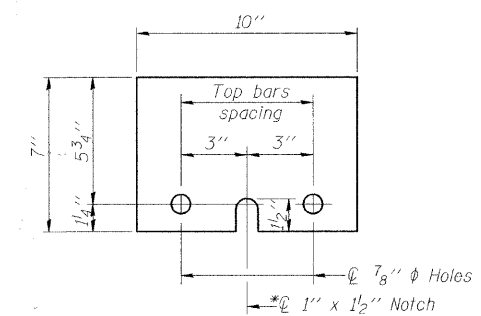
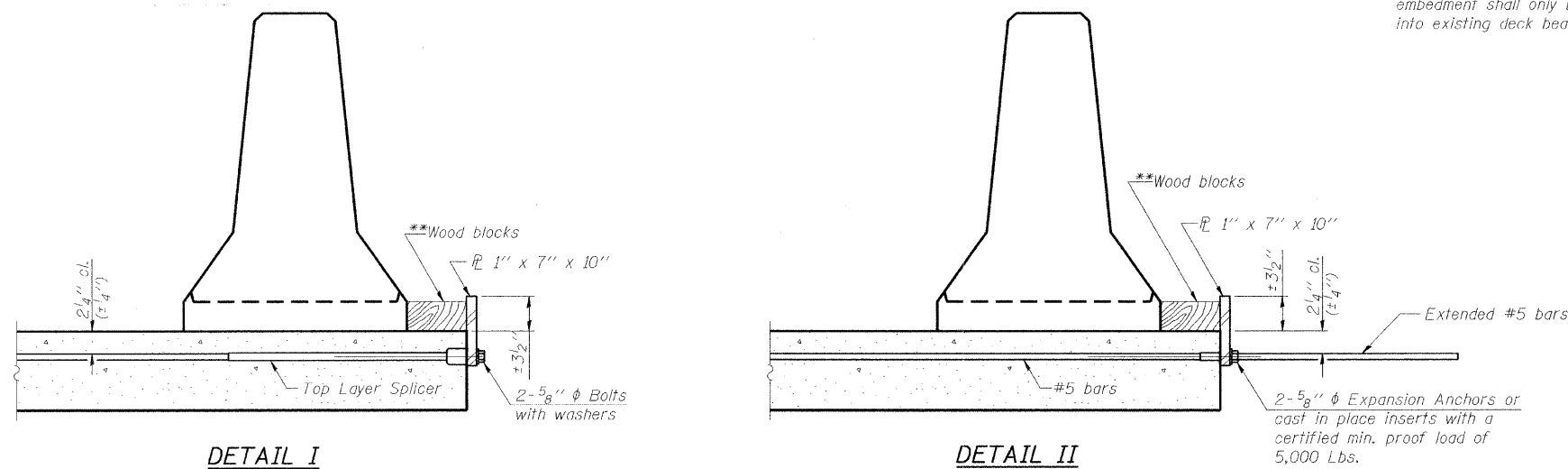
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1"x7"x10" steel $\bar{L}$ to the top layer of couplers with 2-5/8" ϕ bolts screwed to coupler at approximate $\bar{C}$ of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1"x7"x10" steel $\bar{L}$ to the concrete slab or concrete wearing surface with 2-5/8" ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate $\bar{C}$ of each barrier panel.

Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x 10" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



* Required only with Detail II

**Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

TEMPORARY CONCRETE BARRIER
FOR STAGE CONSTRUCTION
STRUCTURE NO. 056-3174

DESIGNED	LAN
CHECKED	SLC
DRAWN	LAN
CHECKED	SLC

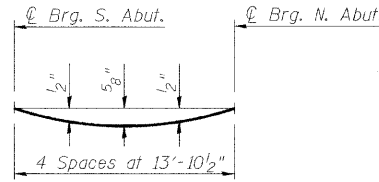
R-27

10-1-08

SHEET NO. 6	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	98
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
			CONTRACT NO. 63212		

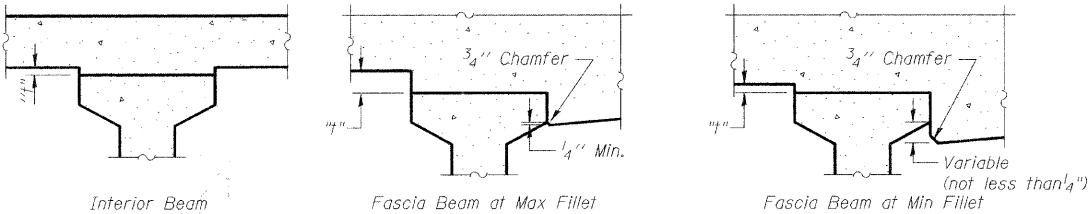
05/29/09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

FACE OF WEST CONCRETE BRIDGE RAILING

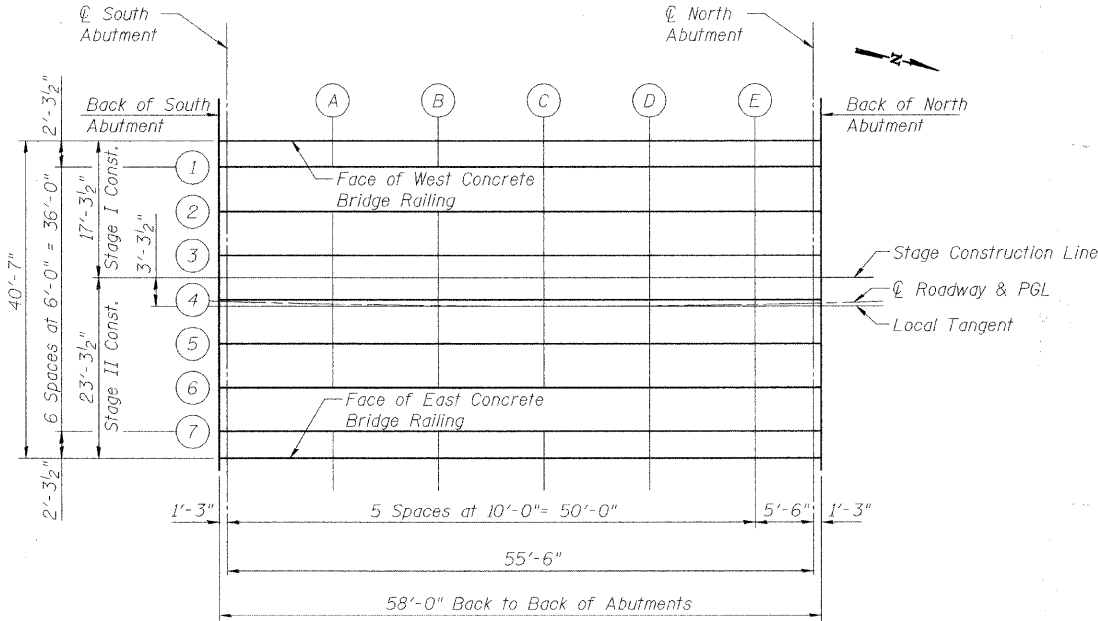
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.38	-20.45	959.35	959.35
CL Brg. S. Abut.	122+89.64	-20.46	959.36	959.36
A	122+99.70	-20.53	959.43	959.46
B	123+09.77	-20.57	959.51	959.55
C	123+19.83	-20.58	959.61	959.66
D	123+29.90	-20.56	959.72	959.76
E	123+39.97	-20.50	959.85	959.87
CL Brg. N. Abut.	123+45.50	-20.46	959.92	959.92
Bk. N. Abut.	123+46.76	-20.45	959.94	959.94

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.40	-18.16	959.40	959.40
CL Brg. S. Abut.	122+89.66	-18.17	959.41	959.41
A	122+99.72	-18.24	959.48	959.51
B	123+09.77	-18.28	959.55	959.60
C	123+19.83	-18.29	959.65	959.70
D	123+29.89	-18.27	959.76	959.81
E	123+39.95	-18.21	959.90	959.91
CL Brg. N. Abut.	123+45.48	-18.17	959.97	959.97
Bk. N. Abut.	123+46.74	-18.16	959.99	959.99

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.46	-12.16	959.52	959.52
CL Brg. S. Abut.	122+89.71	-12.17	959.53	959.53
A	122+99.75	-12.24	959.60	959.63
B	123+09.79	-12.28	959.67	959.72
C	123+19.83	-12.29	959.77	959.82
D	123+29.87	-12.27	959.88	959.93
E	123+39.91	-12.21	960.02	960.03
CL Brg. N. Abut.	123+45.43	-12.17	960.09	960.09
Bk. N. Abut.	123+46.68	-12.16	960.11	960.11



PLAN

**TOP OF SLAB ELEVATIONS I
STRUCTURE NO. 056-3174**

TranSystems
1051 Perimeter Drive, Suite 1025
Schaumburg, IL 60173-5058
Phone: (847) 605-9600
Fax: (847) 605-9610

DESIGNED	MDS
CHECKED	LAN
DRAWN	MDS
CHECKED	SLC

SHEET NO. 7	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	99
CONTRACT NO. 63212					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.51	-6.16	959.64	959.64
CL Brg. S. Abut.	122+89.77	-6.17	959.65	959.65
A	122+99.78	-6.24	959.72	959.75
B	123+09.80	-6.28	959.79	959.84
C	123+19.82	-6.29	959.89	959.94
D	123+29.84	-6.27	960.00	960.05
E	123+39.86	-6.21	960.14	960.15
CL Brg. N. Abut.	123+45.37	-6.17	960.21	960.21
Bk. N. Abut.	123+46.63	-6.16	960.23	960.23

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.54	-3.16	959.70	959.70
CL Brg. S. Abut.	122+89.79	-3.17	959.71	959.71
A	122+99.80	-3.24	959.78	959.81
B	123+09.81	-3.28	959.85	959.90
C	123+19.82	-3.29	959.95	960.00
D	123+29.83	-3.27	960.06	960.11
E	123+39.84	-3.21	960.20	960.21
CL Brg. N. Abut.	123+45.35	-3.17	960.27	960.27
Bk. N. Abut.	123+46.60	-3.16	960.29	960.29

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.57	-0.16	959.76	959.76
CL Brg. S. Abut.	122+89.82	-0.17	959.77	959.77
A	122+99.82	-0.24	959.84	959.87
B	123+09.82	-0.28	959.91	959.96
C	123+19.82	-0.29	960.01	960.06
D	123+29.82	-0.27	960.12	960.17
E	123+39.82	0.21	960.26	960.27
CL Brg. N. Abut.	123+45.32	-0.17	960.33	960.33
Bk. N. Abut.	123+46.57	-0.16	960.35	960.35

CENTERLINE ROADWAY AND PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.57	0.00	959.76	959.76
CL Brg. S. Abut.	122+89.82	0.00	959.77	959.77
A	122+99.82	0.00	959.84	959.87
B	123+09.82	0.00	959.92	959.97
C	123+19.82	0.00	960.02	960.07
D	123+29.82	0.00	960.13	960.17
E	123+39.82	0.00	960.26	960.28
CL Brg. N. Abut.	123+45.32	0.00	960.33	960.33
Bk. N. Abut.	123+46.57	0.00	960.35	960.35

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.62	5.84	959.88	959.88
CL Brg. S. Abut.	122+89.87	5.83	959.89	959.89
A	122+99.85	5.76	959.96	959.99
B	123+09.83	5.72	960.03	960.08
C	123+19.82	5.71	960.13	960.18
D	123+29.80	5.73	960.24	960.29
E	123+39.78	5.79	960.37	960.38
CL Brg. N. Abut.	123+45.27	5.83	960.45	960.45
Bk. N. Abut.	123+46.52	5.84	960.47	960.47

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.68	11.84	960.00	960.00
CL Brg. S. Abut.	122+89.92	11.83	960.01	960.01
A	122+99.89	11.76	960.08	960.11
B	123+09.85	11.72	960.15	960.20
C	123+19.81	11.71	960.25	960.30
D	123+29.77	11.73	960.36	960.41
E	123+39.74	11.79	960.49	960.50
CL Brg. N. Abut.	123+45.22	11.83	960.57	960.57
Bk. N. Abut.	123+46.46	11.84	960.59	960.59

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.73	17.84	960.12	960.12
CL Brg. S. Abut.	122+89.98	17.83	960.13	960.13
A	122+99.92	17.76	960.20	960.23
B	123+09.86	17.72	960.27	960.32
C	123+19.81	17.71	960.37	960.42
D	123+29.75	17.73	960.48	960.53
E	123+39.70	17.79	960.61	960.62
CL Brg. N. Abut.	123+45.16	17.83	960.69	960.69
Bk. N. Abut.	123+46.41	17.84	960.71	960.71

FACE OF EAST CONCRETE BRIDGE RAILING

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.75	20.13	960.16	960.16
CL Brg. S. Abut.	122+90.00	20.12	960.17	960.17
A	122+99.93	20.05	960.24	960.27
B	123+09.87	20.01	960.32	960.37
C	123+19.81	20.00	960.42	960.47
D	123+29.74	20.02	960.53	960.57
E	123+39.68	20.08	960.65	960.67
CL Brg. N. Abut.	123+45.14	20.12	960.73	960.73
Bk. N. Abut.	123+46.39	20.13	960.75	960.75

TOP OF SLAB ELEVATIONS II
STRUCTURE NO. 056-3174

DESIGNED	MDS
CHECKED	LAN
DRAWN	MDS
CHECKED	SLC

TranSystems
1051 Perimeter Drive, Suite 1025
Schaumburg, IL 60173-5058
Phone: (847) 605-8600
Fax: (847) 605-8610

SHEET NO. 8	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	0026	02-00269-00-BR	McHENRY	153	100
CONTRACT NO. 63212					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					