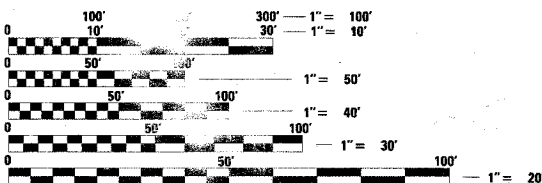


**INDEX SHEETS:**

- 1 COVER SHEET AND LIST OF STANDARDS
- 2 GENERAL NOTES
- 3 MWRDGC GENERAL NOTES
- 4-5 SUMMARY OF QUANTITIES
- 6 SCHEDULES OF QUANTITIES
- 7 EXISTING TYPICAL SECTIONS
- 8 PROPOSED TYPICAL SECTIONS
- 9 ALIGNMENT AND TIES
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- 12-19 PLAN AND PROFILE SHEETS
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**LIST OF IDOT STANDARD DRAWINGS**

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 420501-02 PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
- 424001-04 CURB RAMPS FOR SIDEWALKS
- 601001 SUB-SURFACE DRAINS
- 602401-01 MANHOLE, TYPE A
- 602601 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 604001-02 FRAME AND LIDS, TYPE 1
- 604056-02 FRAME AND GRATE, TYPE 11V
- 606001-02 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-01 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 (15') AWAY
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS < 45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-02 LANE CLOSURE, 2L, PAVEMENT WIDENING, FOR SPEEDS >=45MPH
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, DAY ONLY
- 701502-03 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 702001-03 TRAFFIC CONTROL DEVICES
- 704001-02 TEMPORARY CONCRETE BARRIER
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006 SIGN PANEL ERECTION DETAILS
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 723001 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 763001 TYPICAL PAVEMENT MARKINGS



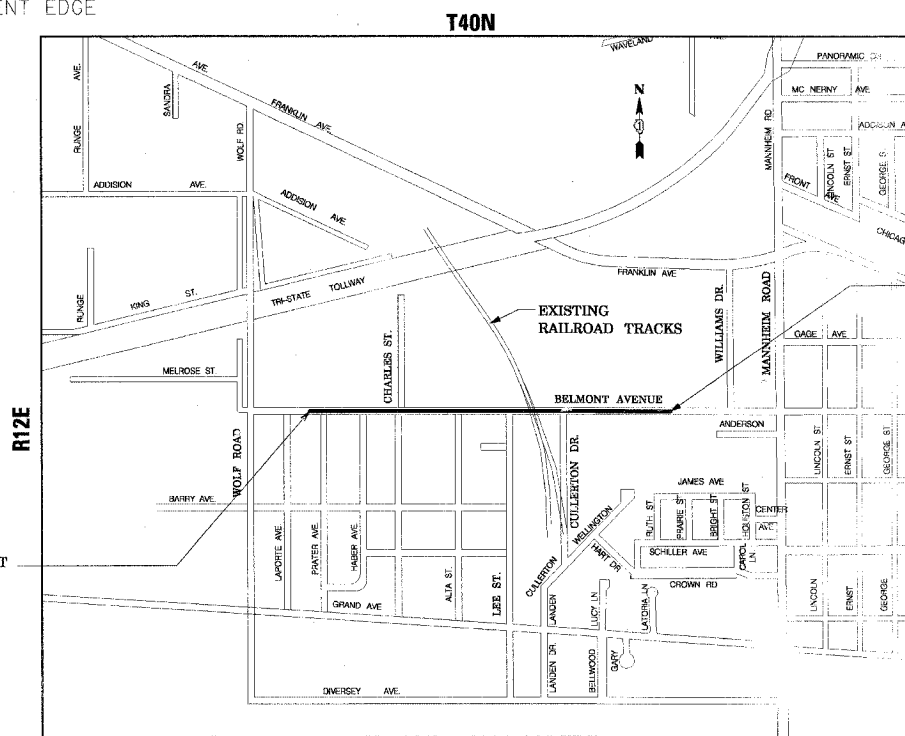
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

CONTRACT NO. 83861

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

**FAU ROUTE 1373 (BELMONT AVENUE)**  
**FROM FAU ROUTE 2690 (WOLF ROAD) TO**  
**FAU ROUTE 1373 (WILLIAMS DRIVE)**  
**SECTION 00-00058-00-RS**  
**VILLAGE OF FRANKLIN PARK**  
**PROJECT M-8003 (310)**  
**RECONSTRUCTION**  
**COOK COUNTY**  
**C-91-147-03**



LIMIT OF PROJECT  
STA. 104+90.00

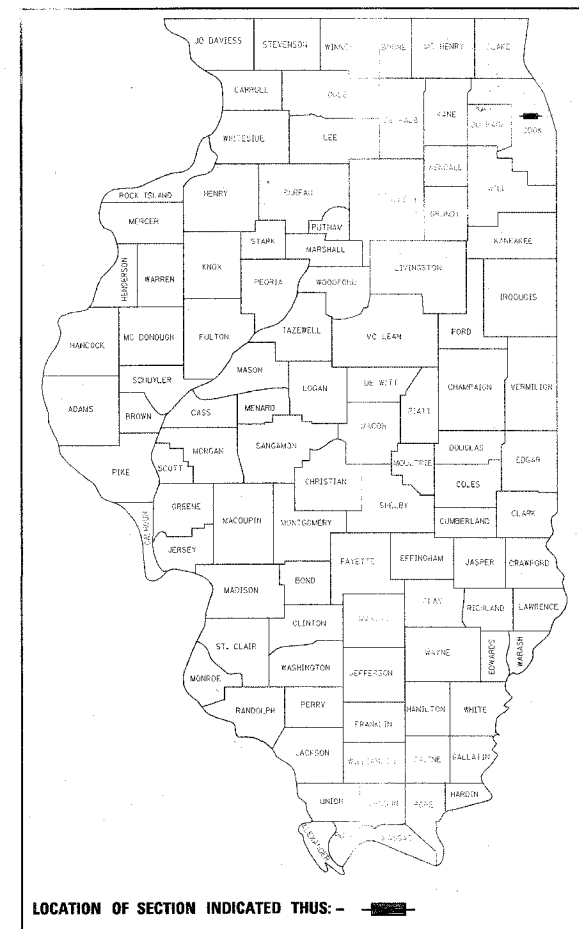
LIMIT OF PROJECT  
STA. 145+50.00

**TRAFFIC DATA**  
BELMONT AVENUE - COLLECTOR  
2003 ADT - 5300  
2030 ADT - 7000  
POSTED SPEED 30 MPH  
DESIGN SPEED 35 MPH

**LOCATION MAP**

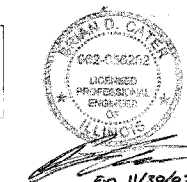
GROSS LENGTH OF PROJECT: 0.77 MILES (4,060 FEET)  
NET LENGTH OF PROJECT: 0.77 MILES (4,060 FEET)

F.A.S. SECTION COUNTY TOTAL SHEET  
ROUTE 1373 00-00058-00-RS COOK 113 1  
CONTRACT No: 83861



LOCATION OF SECTION INDICATED THIS: -

**Clark Metz**  
ENGINEERS  
DESIGN FIRM REGISTRATION  
NO. 184-000450  
118 SOUTH CLINTON STREET  
SUITE 600  
CHICAGO, IL 60661  
PHONE: 312.646.9900  
FAX: 312.646.6904



BRIAN CATER  
PROJECT MANAGER

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

APPROVED *[Signature]* 20 06 LOCAL AGENCY

PASSED *[Signature]* MAY 31 2006 LOCAL ROADS ENGINEER

SIGNED *[Signature]* May 31 20 06  
Diane M. O'Keefe/Cat  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

**PRINTED BY THE AUTHORITY**  
**OF THE STATE OF ILLINOIS**

FEDERAL AID DESIGN ENGINEER: ABIGAIL BRINKS 847-705-4233

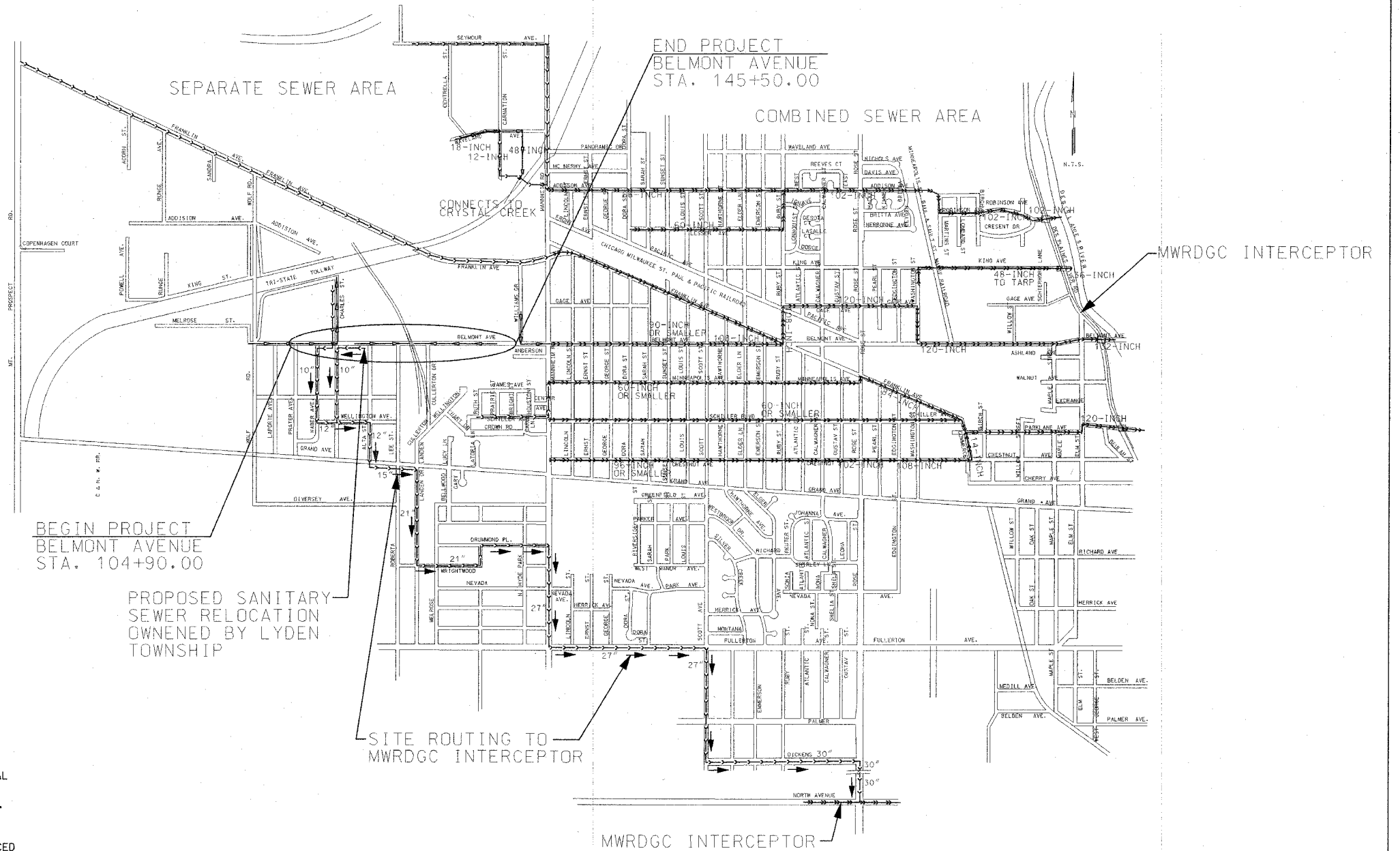


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	3
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				

MWRDGC GENERAL NOTES

- THE MWRDGC LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK. (CALL 708-588-4055)
- ELEVATION DATUM IS U.S.G.S.
- NO FLOOR DRAINS.
- NO FOOTING DRAINS AND/OR DOWNSPOUTS.
- ALL PVC SANITARY SEWER PIPE, SDR-26, JOINTS SHALL CONFORM TO ASTM D-2855, SOLVENT CEMENT, OR ASTM D-3212, GASKET, AND THE PIPE SHALL CONFORM TO ASTM D-3034.  
ALL VITRIFIED CLAY TILE SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ASTM C-425 AND THE PIPE SHALL CONFORM TO ASTM C-700.  
ALL DUCTILE IRON SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ANSI A21.11 AND THE PIPE SHALL CONFORM TO ANSI A21.51.  
ALL CAST IRON SOIL SANITARY SEWER PIPE (CISP) JOINTS SHALL CONFORM TO C-564 AND THE PIPE SHALL CONFORM TO CISP A-74.  
ALL CONCRETE SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ASTM C-443 AND THE PIPE SHALL CONFORM TO ASTM C-76.  
ALL ABS TRUSS SANITARY SEWER PIPE AND JOINTS SHALL CONFORM TO ASTM D-2680.  
ALL ABS SOLID WALL SANITARY SEWER PIPE AND JOINTS SHALL CONFORM TO ASTM D-2751.
- SANITARY SEWER CONSTRUCTION AND ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS REQUIRE STONE BEDDING 1/4" TO 1" IN SIZE, WITH A MINIMUM BEDDING THICKNESS EQUAL TO 1/4TH THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN 4 INCHES NOR MORE THAN 8 INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC. THE BEDDING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE PIPE BEING CONSTRUCTED.
- "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPE OF DISSIMILAR MATERIALS.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:  
1) CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS (SEWER-TAP MACHINE OR SIMILAR), AND PROPER INSTALLATION OF HUB WYE SADDLE OR HUB TEE SADDLE, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.  
2) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.  
3) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHenever a sanitary/combined sewer crosses under a watermain, the minimum vertical distance from the top of sewer to the bottom of the watermain shall be 18 inches. Furthermore, a minimum horizontal distance of 10 feet between sanitary/combined sewers and watermains shall be maintained unless: the sewer is laid in a separate trench, keeping a minimum 18" vertical separation; or the sewer is laid in the same trench with the watermain located at the opposite side on a bench of undisturbed earth, keeping a minimum 18" vertical separation. If either the vertical or horizontal distances described above cannot be maintained, or the sewer crosses above the watermain, the sewer shall be constructed to watermain standards.
- ALL SANITARY MANHOLES (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- SANITARY MANHOLES AND STORM MANHOLES IN COMBINED SEWER AREAS SHALL BE CONSTRUCTED WITH RUBBER BOOTS (MEETING ASTM C-923) AT PIPE-STRUCTURE CONNECTION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE STRUCTURE BEING CONSTRUCTED.
- WATERTIGHT FLEXIBLE RUBBER CONNECTORS, CONFORMING TO ASTM C-443 & C-923 WITH STAINLESS STEEL BAND, SHALL BE PROVIDED FOR SANITARY SEWER CONNECTIONS WITH MANHOLE.

VILLAGE OF FRANKLIN PARK  
MAIN LINES TO MWRDGC TARP



**LEGEND**

COMBINED SEWER	---
SANITARY SEWER	---
STORM SEWER	---

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
MWRDGC GENERAL NOTES  
  
SCALE: VERT. HORIZ. DATE 4/6/06  
DRAWN BY MJK  
CHECKED BY BDC

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F.A.S. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	4
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				

CODE NUMBER	ITEMS	UNIT	TOTAL QUANTITY	PARTICIPATING QUANTITY	NONPARTICIPATING QUANTITY	ROADWAY RESURFACING AND WIDENING R000-2A	ROADWAY RECONSTRUCTION J000	PAVEMENT MARKING SFTY-1D	TRAFFIC SIGNS Y002-1C	LANDSCAPING Y003	RAILROAD PROTECTIVE DEVICES SFTY-5A
20101100	TREE TRUNK PROTECTION	EACH	15	15	0		15				
20200100	EARTH EXCAVATION	CU. YD.	7,795	7,795	0		7,795				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	1,265	1,265	0		1,265				
20600200	GRANULAR EMBANKMENT, SPECIAL	CU. YD.	912	912	0		912				
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU. YD.	353	353	0		353				
20800150	TRENCH BACKFILL	CU. YD.	3,014	1,757	1,257	113	1,644				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ. YD.	2,740	2,740	0		2,740				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ. YD.	6,072	6,072	0					6,072	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108	108	0					108	
25000500	PHOSPORUS FERTILIZER NUTRIENT	POUND	108	108	0					108	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108	108	0					108	
25200110	SODDING, SALT TOLERANT	SQ. YD.	6,072	6,072	0					6,072	
25200200	SUPPLEMENTAL WATERING	UNIT	35	35	0					35	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	125	125	0		125				
28000400	PERIMETER EROSION BARRIER	FOOT	7,707	7,707	0		7,707				
28000510	INLET FILTERS	EACH	79	79	0		79				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	952	952	0	952					
40600300	AGGREGATE (PRIME COAT)	TON	24	24	0	24					
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ. YD.	22	22	0	22					
42001300	PROTECTIVE COAT	SQ. YD.	4,051	2,406	1,655		2,252				154
4200515	PORTLAND CEMENT CONCRETE PAVEMENT 10 3/4"	SQ. YD.	154	154	0						154
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ. YD.	448	448	0		448				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ. YD.	394	394	0		394				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ. FT.	14,654	0	14,654						
42400800	DETECTABLE WARNINGS	SQ. FT.	556	0	556						
44000009	BITUMINOUS SURFACE REMOVAL 3"	SQ. YD.	1,575	1,575	0	1,575					
44000100	PAVEMENT REMOVAL	SQ. YD.	12,085	12,085	0		12,085				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	854	854	0		854				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6,325	6,325	0		6,325				
44000600	SIDEWALK REMOVAL	SQ. FT.	5,017	5,017	0		5,017				
44201311	CLASS C PATCHES, TYPE IV, 6"	SQ. YD.	318	318	0	318					
44213200	SAW CUTS	FOOT	1,020	1,020	0	1,020					
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ. YD.	427	427	0	383	44				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	110	110	0		110				
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	2,530	2,530	0		2,530				
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	201	201	0		201				
55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	325	325	0		325				
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	565	565	0		565				
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	288	288	0		288				
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	13	13	0		13				
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	366	366	0		366				
55100300	STORM SEWER REMOVAL, 8"	FOOT	242	242	0		242				
55100500	STORM SEWER REMOVAL, 12"	FOOT	1,424	1,424	0	499	925				
55100700	STORM SEWER REMOVAL, 15"	FOOT	204	204	0		204				
* 56104900	WATER VALVES 6"	EACH	4	0	4						
* 56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	36	0	36						
* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	35	0	35						
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	14	14	0		14				
60107600	PIPE UNDERDRAINS, 4"	FOOT	4,202	4,202	0		4,202				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3	0		3				
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	76	76	0		76				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	12	1		12				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	10	0	3	7				
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	0		2				
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	0	3						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3	0		3				
60255500	MANHOLES TO BE ADJUSTED	EACH	26	26	0		26				

\* INDICATES A SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
SHEET 1 OF 2

SCALE: VERT.      DRAWN BY MJK  
 HORIZ.              CHECKED BY BDC  
 DATE 4/6/06

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
1373 00-00058-00-RS		COOK	113	5
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				

CODE NUMBER	ITEMS	UNIT	TOTAL QUANTITY	PARTICIPATING QUANTITY	NONPARTICIPATING QUANTITY	ROADWAY RESURFACING AND WIDENING 1000-2A	ROADWAY RECONSTRUCTION J000	PAVEMENT MARKING SFTY-ID	TRAFFIC SIGNS Y002-1C	LANDSCAPING Y003	RAILROAD PROTECTIVE DEVICES SFTY-5A
60500040	REMOVING MANHOLES	EACH	8	8	0	2	6				
60500050	REMOVING CATCH BASINS	EACH	16	16	0		16				
60600605	CONCRETE CURB, TYPE B	FOOT	855	855	0		855				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	7,323	7,328	0		7,328				
* 66900205	SPECIAL WASTE DISPOSAL	CU. YD.	2,100	2,100	0		2,100				
67100100	MOBILIZATION	L SUM	1	1	0		1				
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	0	0.1	0.9				
70300100	SHORT TERM PAVEMENT MARKINGS	FOOT	510	510	0	510					
70300200	TEMPORARY PAVEMENT MARKING	FOOT	21,300	21,300	0			21,300			
72000100	SIGN PANEL-TYPE 1	SQ. FT.	25	25	0				25		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	8	0				8		
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	8	0				8		
72900100	METAL POST - TYPE A	FOOT	81	81	0				81		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. FT.	123	123	0						123
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,185	2,185	0			1,838			347
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	382	382	0			382			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	186	186	0			108			78
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	51	51	0			45			6
* XX001386	SANITARY SEWERS, PVC, 8"	FOOT	373	0	373						
XX005690	STORM SEWER, DUCTILE IRON PIPE, CLASS 52, 12"	FOOT	554	554	0		554				
XX005691	STORM SEWER, DUCTILE IRON PIPE, CLASS 52, 18"	FOOT	1,084	1,084	0		1,084				
XX005692	STORM SEWER, DUCTILE IRON PIPE, CLASS 52, 24"	FOOT	608	608	0	440	168				
* XX006247	SANITARY SEWER REMOVAL	FOOT	370	0	370						
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	79	79	0		79				
* X0324330	WATER MAIN REMOVAL, 4"	FOOT	1,000	0	1000						
X0712400	TEMPORARY PAVEMENT	SQ. YD.	1,920	1,920	0	1,920					
* X0811100	RAILROAD CROSSING	L SUM	1	1	0						1
X3550310	BITUMINOUS BASE COURSE SUPERPAVE 6 1/2"	SQ. YD.	12,032	12,032	0	12,032					
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	265	265	0	265					
X4066616	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	18	18	0	18					
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	722	722	0		722				
Z0001050	AGGREGATE SUBGRADE 12"	SQ. YD.	14,286	14,286	0		14,286				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	0		1				
* Z0048400	RAILROAD CROSSING REMOVAL	EACH	1	1	0						1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	0	1					
Δ Z0076600	TRAINEES	HOUR	500	500	0		500				
* XX006625	DUCTILE IRON WATERMAIN, CLASS 52, 6"	FOOT	1,000	0	1000						
XX006626	STORM SEWER, DUCTILE IRON PIPE, CLASS 52, 30"	FOOT	125	125	0	60	65				
XX006627	BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 4 1/4"	SQ. YD.	12,032	12,032	0	12,032					

\* INDICATES A SPECIALTY ITEM  
Y080

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SUMMARY OF QUANTITIES SHEET 2 OF 2

SCALE: VERT.      DRAWN BY: MJK  
 HORIZ.              CHECKED BY: BJC  
 DATE: 4/6/06

Sheets\F143006\grbm0002.dwg  
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	6
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				

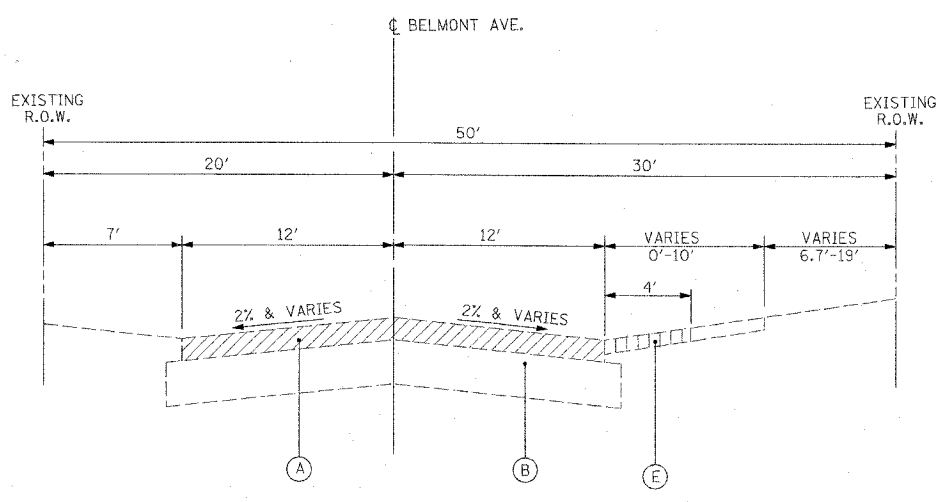
LOCATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	FURNISHED EXCAVATION (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
104+90 TO 109+25	0	0	0	0	0
109+25 TO 114+25	124	1,130	961	36	961
114+25 TO 119+25	0	1,030	876	80	876
119+25 TO 124+25	0	1,228	1,043	83	1,043
124+25 TO 129+75	33	1,023	870	63	870
129+75 TO 134+75	652	1,285	1,093	68	1,093
134+75 TO 139+75	228	1,082	920	33	920
139+75 TO 145+50	228	1,016	864	20	864
TOTAL	1,265	7,795	6,625	383	6,625

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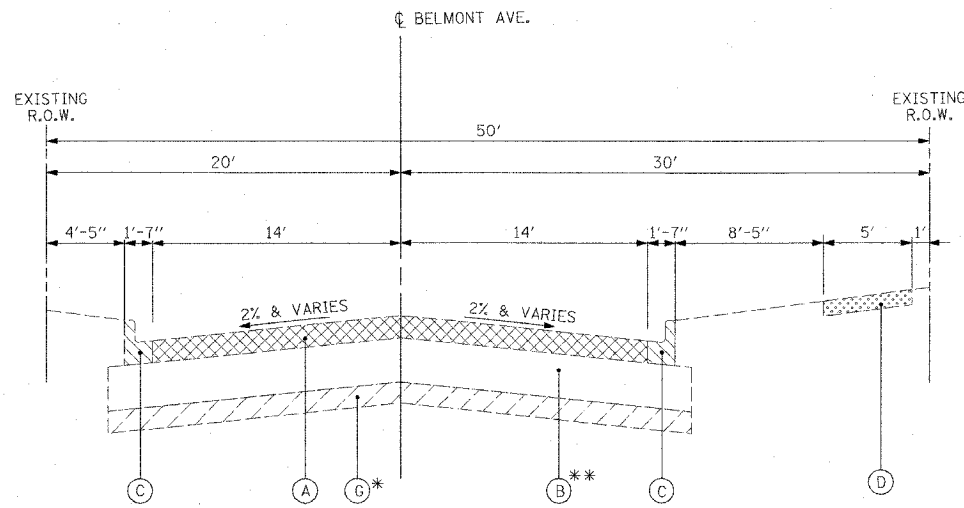
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES

SCALE: VERT.      DRAWN BY MJK  
 HORIZ.              CHECKED BY BDC  
 DATE 4/6/06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	7
STA. 104+90.00		TO STA. 145+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



EXISTING TYPICAL SECTION  
BELMONT AVENUE  
STA. 104+90.00 TO 110+00.00



EXISTING TYPICAL SECTION  
BELMONT AVENUE  
STA. 112+90.00 TO 144+90.00

**EXISTING LEGEND**

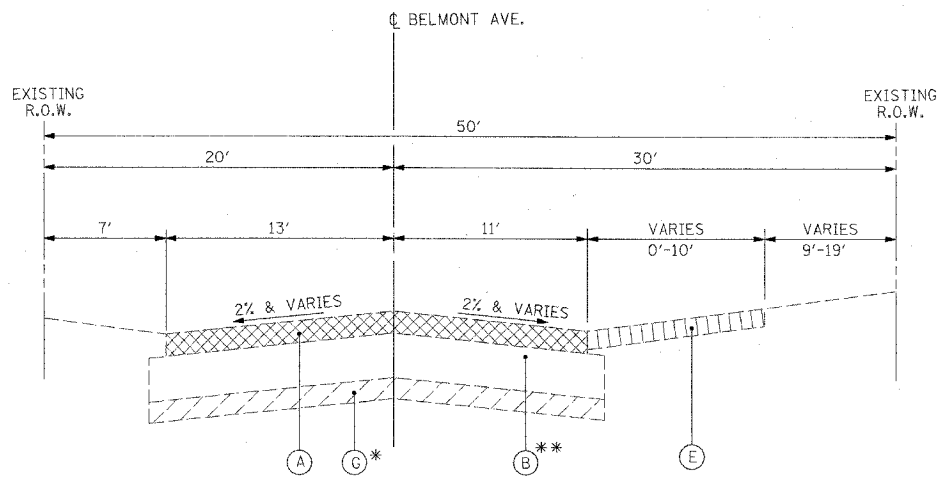
- (A) BITUMINOUS PAVEMENT, 6" (VARIES 1/2" TO 9")
- (B) CRUSHED STONE SUBBASE, 13" (VARIES 10" TO 15")
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) SIDEWALK (NOT PRESENT AT ALL LOCATIONS)
- (E) AGGREGATE SHOULDER
- (F) PORTLAND CEMENT CONCRETE BASE, 6 1/2"
- (G) UNSUITABLE MATERIALS \*

**REMOVAL LEGEND**

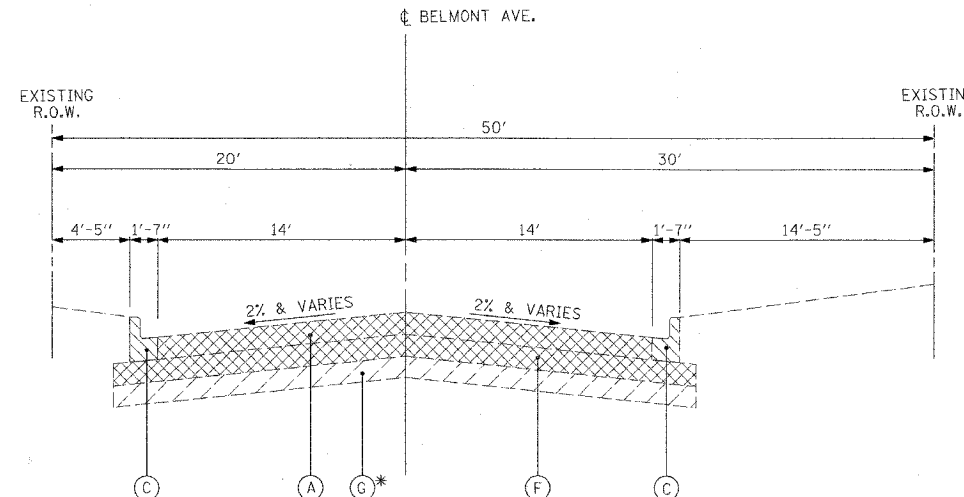
- BITUMINOUS SURFACE REMOVAL 3"
- PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL \*
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

\* LOCATIONS OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS  
 - STA. 110+60 TO STA. 112+50, 6"  
 - STA. 129+50 TO STA. 136+50, 12"  
 - STA. 142+00 TO STA. 145+50, 6"

\*\* REMOVAL OF SUBBASE WILL BE PAID FOR AS EARTH EXCAVATION.



EXISTING TYPICAL SECTION  
BELMONT AVENUE  
STA. 110+00.00 TO 112+90.00



EXISTING TYPICAL SECTION  
BELMONT AVENUE  
STA. 144+90.00 TO 145+29.82

CONCRETE PAVEMENT REMOVAL  
 FROM STA. 145+29.92 TO 145+50.00  
 APPROXIMATE DEPTH OF REMOVAL - 6"  
 TO BE VERIFIED INFIELD BY CONTRACTOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

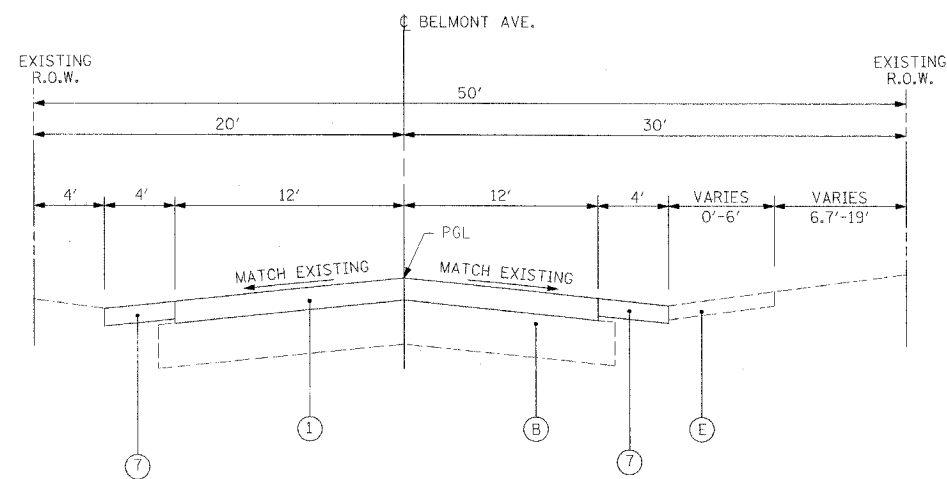
**EXISTING TYPICAL SECTIONS**

VERT. SCALE: N.T.S.  
 HORIZ. SCALE: 4/6/06

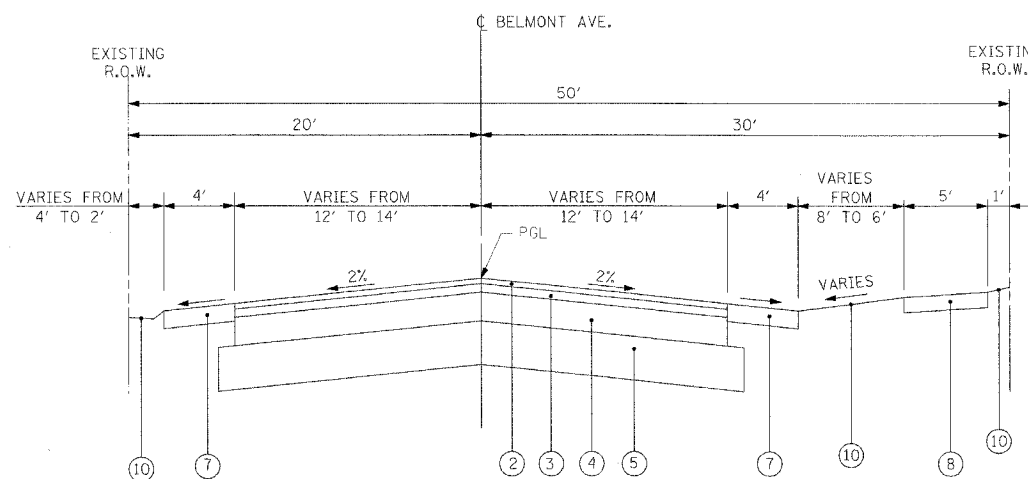
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 CHECKED BY: BDC

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	8
STA. 104+90.00 TO STA. 145+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT No: 83861				



PROPOSED TYPICAL SECTION  
BELMONT AVENUE  
STA. 104+90.00 TO 110+00.00



PROPOSED TYPICAL SECTION  
BELMONT AVENUE  
STA. 110+00.00 TO 110+60.00

**EXISTING LEGEND**

- (A) BITUMINOUS PAVEMENT, 6" (VARIES 1 1/2" TO 9")
- (B) CRUSHED STONE SUBBASE, 13" (VARIES 10" TO 15")
- (C) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (D) SIDEWALK (NOT PRESENT AT ALL LOCATIONS)
- (E) AGGREGATE SHOULDER
- (F) PORTLAND CEMENT CONCRETE BASE, 6 1/2"
- (G) UNSUITABLE MATERIALS \*

**PROPOSED LEGEND**

- (1) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 (3")  
BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 4 1/4"
- (2) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 (2")
- (3) BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70 (2 1/4")
- (4) BITUMINOUS BASE COURSE, SUPERPAVE, (6 1/2")
- (5) AGGREGATE SUBGRADE, 12"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) AGGREGATE SHOULDERS, TYPE A 6"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (9A) POROUS GRANULAR EMBANKMENT, SUBGRADE \*
- (9B) GRANULAR EMBANKMENT, SPECIAL \*\*  
WITH GEOTECHNICAL FABRIC FOR  
GROUND STABILIZATION
- (10) TOPSOIL FURNISH AND PLACE, 4"  
SODDING, SALT TOLERANT

\* LOCATIONS OF POROUS GRANULAR EMBANKMENT, SUBGRADE  
- STA. 110+60 TO STA. 112+50, 6"  
- STA. 142+00 TO STA. 145+50, 6"

\*\* LOCATIONS OF GRANULAR EMBANKMENT, SPECIAL  
- STA. 129+50 TO STA. 136+50, 12"

**BITUMINOUS MIX REQUIREMENTS**

PAY ITEM	AC TYPE	VOIDS	MAX RAP %
<b>BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 4 1/4"</b>			
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 2"	PG 64-22	4% @ 70 GYR.	10%
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70, 2 1/4"	PG 64-22	4% @ 70 GYR.	15%
<b>BITUMINOUS BASE COURSE, SUPERPAVE, 6 1/2"</b>	PG 58-22	2% @ 50 GYR.	50%
<b>BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 3"</b>	PG 64-22	4% @ 70 GYR.	10%
<b>TEMPORARY PAVEMENT</b>			
BITUMINOUS BASE COURSE, SUPERPAVE, 8.5"	PG 58-22	2% @ 50 GYR.	50%

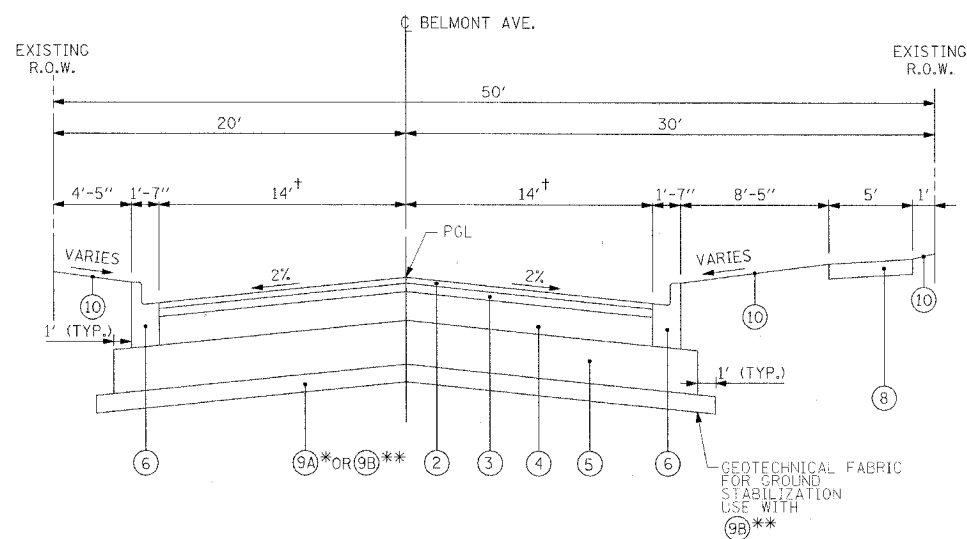
THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIX QUANTITIES IS 112 LBS/SQ YD/IN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED TYPICAL SECTIONS**

SCALE: VERT. N.T.S.  
HORIZ. N.T.S.  
DATE: 4/6/06

DRAWN BY: MJK  
CHECKED BY: BDC

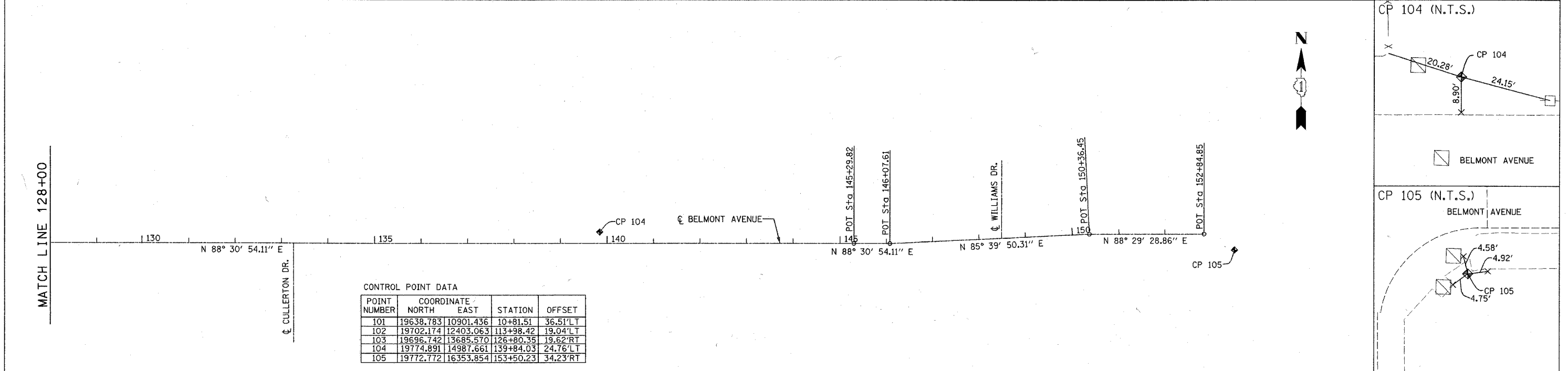
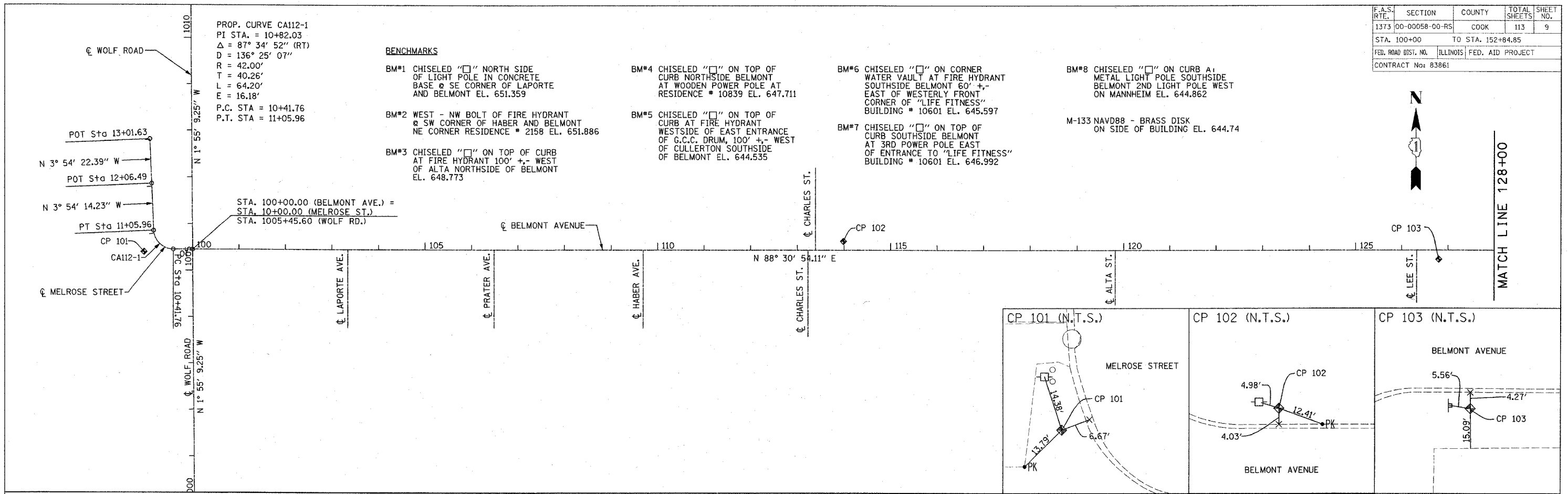


PROPOSED TYPICAL SECTION  
BELMONT AVENUE  
STA. 110+60.00 TO 127+87  
(RAILROAD CROSSING STA 127+87 TO 128+57 )  
STA. 128+57 TO 145+29.33

† STA. 145+29.33 TO 145+50  
(PAVEMENT WIDTH TRANSITION  
TO MATCH EXISTING)



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	9
STA. 100+00		TO STA. 152+84.85		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



CONTROL POINT DATA

POINT NUMBER	COORDINATE		STATION	OFFSET
	NORTH	EAST		
101	19638.783	10901.436	10+81.51	36.51'LT
102	19702.174	12403.063	113+98.42	19.04'LT
103	19696.742	13685.570	126+80.35	19.62'RT
104	19774.891	14987.661	139+84.03	24.76'LT
105	19772.772	16353.854	153+50.23	34.23'RT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ALIGNMENT AND TIES**









SCALE: VERT. 1" = 100'  
 HORIZ. 1" = 100'  
 DATE 4/6/06

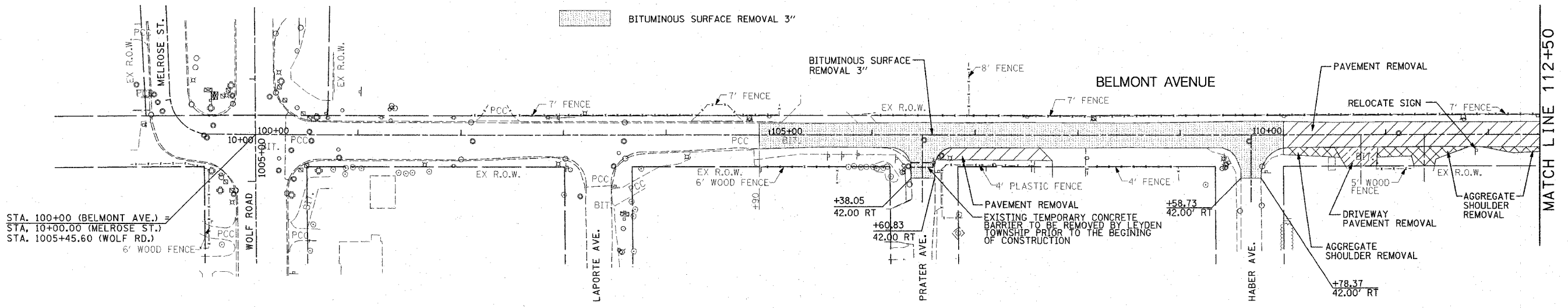
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 CHECKED BY BDC

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	10
STA. 104+90.00 TO STA. 127+50.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT No: 83861				

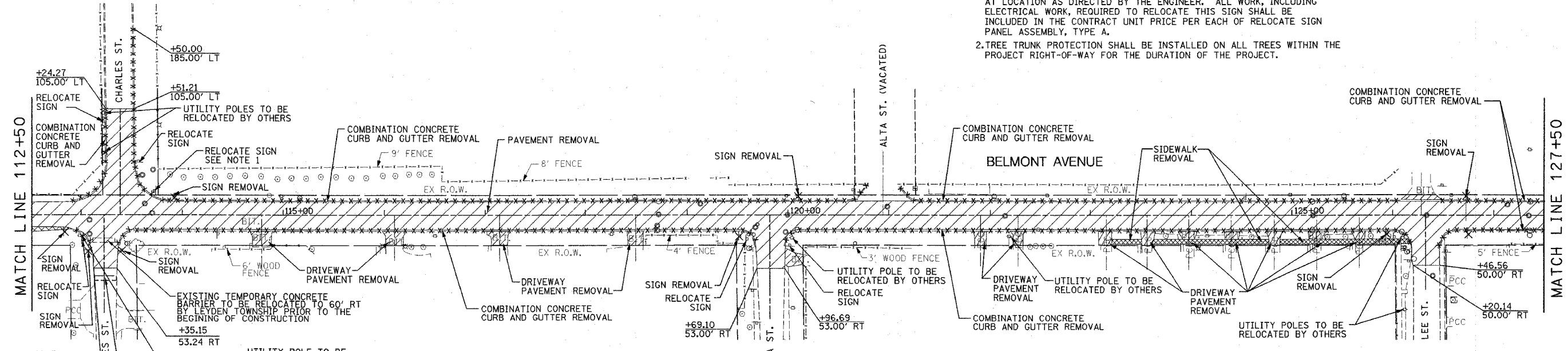
**REMOVAL LEGEND**

-  PAVEMENT REMOVAL
-  CONCRETE SIDEWALK REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
-  COMBINATION CONCRETE CURB AND GUTTER REMOVAL
-  BITUMINOUS DRIVEWAY PAVEMENT REMOVAL (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
-  CONCRETE DRIVEWAY PAVEMENT REMOVAL (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
-  BITUMINOUS SURFACE REMOVAL 3"
-  AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
-  SIGN REMOVAL (PAID FOR AS REMOVE SIGN PANEL ASSEMBLY - TYPE A)



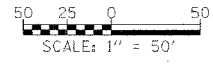
**NOTE**

- CONTRACTOR TO STORE LIGHTED SIGN DURING CONSTRUCTION AND RECONNECT IN ORIGINAL WORKING CONDITION AT PROJECT COMPLETION AT LOCATION AS DIRECTED BY THE ENGINEER. ALL WORK, INCLUDING ELECTRICAL WORK, REQUIRED TO RELOCATE THIS SIGN SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH OF RELOCATE SIGN PANEL ASSEMBLY, TYPE A.
- TREE TRUNK PROTECTION SHALL BE INSTALLED ON ALL TREES WITHIN THE PROJECT RIGHT-OF-WAY FOR THE DURATION OF THE PROJECT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DEMOLITION PLAN**



SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE: 4/6/06  
DRAWN BY: MJK  
CHECKED BY: BOC









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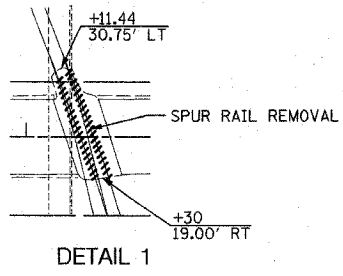
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	11
STA. 127+50.00 TO STA. 145+50.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT No: 83861				



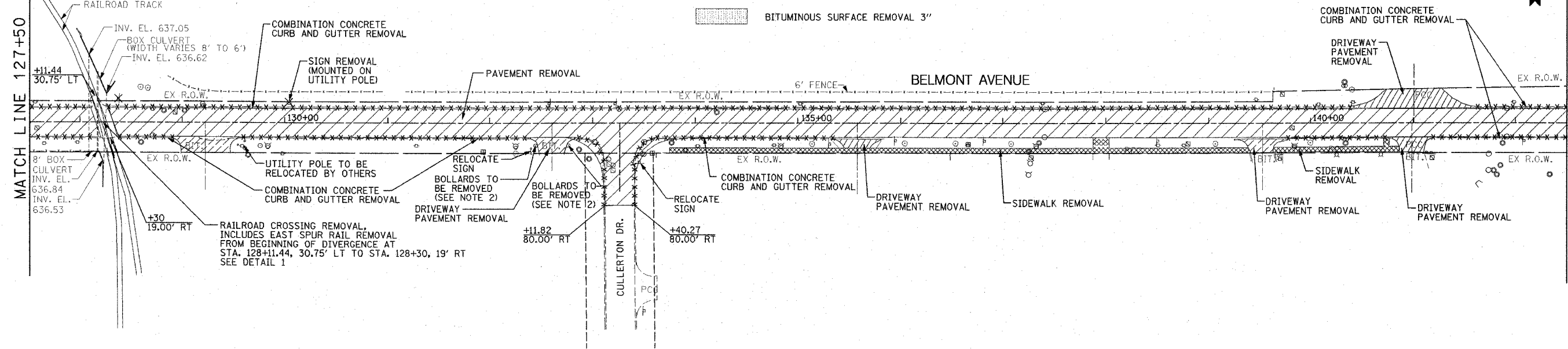
MATCH LINE 142+50

**REMOVAL LEGEND**

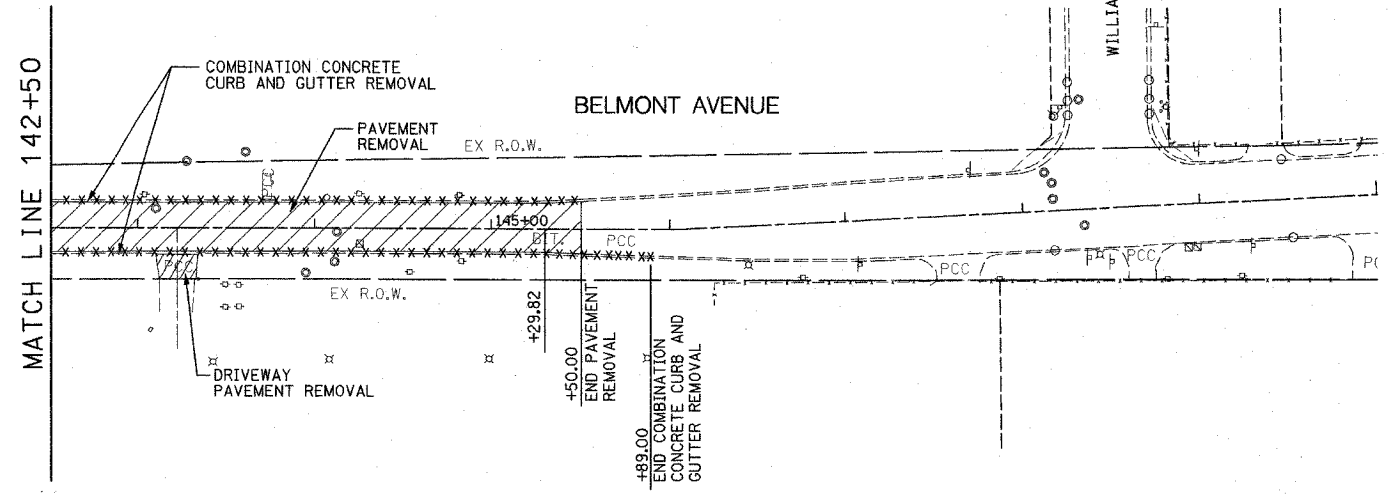
-  PAVEMENT REMOVAL
-  COMBINATION CONCRETE CURB AND GUTTER REMOVAL
-  BITUMINOUS DRIVEWAY PAVEMENT REMOVAL (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
-  CONCRETE DRIVEWAY PAVEMENT REMOVAL (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
-  BITUMINOUS SURFACE REMOVAL 3"
-  CONCRETE SIDEWALK REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
-  AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
-  SIGN REMOVAL (PAID FOR AS REMOVE SIGN PANEL ASSEMBLY - TYPE A)



MATCH LINE 127+50



MATCH LINE 142+50



**NOTE**

1. TREE TRUNK PROTECTION SHALL BE INSTALLED ON ALL TREES WITHIN THE PROJECT RIGHT-OF-WAY FOR THE DURATION OF THE PROJECT.
2. REMOVAL OF BOLLARDS AND BOLLARD FOUNDATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE PER SQ. YD. FOR DRIVEWAY PAVEMENT REMOVAL, WHICH COST SHALL INCLUDE REMOVAL AND PROPER DISPOSAL.



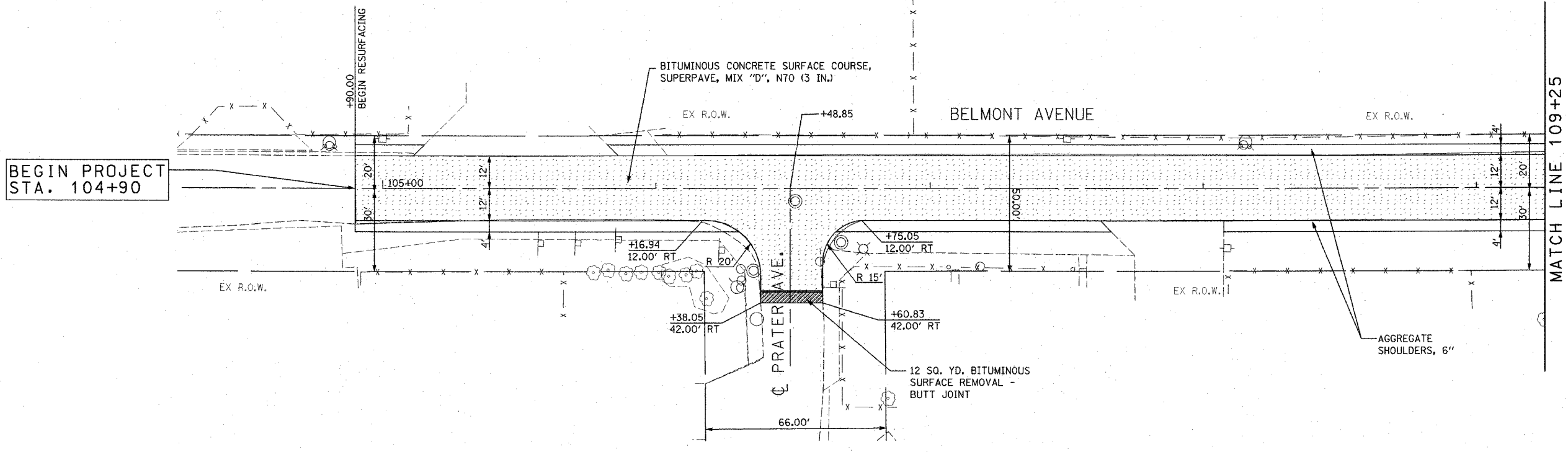
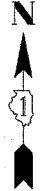
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DEMOLITION PLAN**

SCALE: VERT. 1" = 50'  
HORIZ. 1" = 50'  
DATE 4/6/06

DRAWN BY MJK  
CHECKED BY BDC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	12
STA. 104+25		TO STA. 109+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83961				



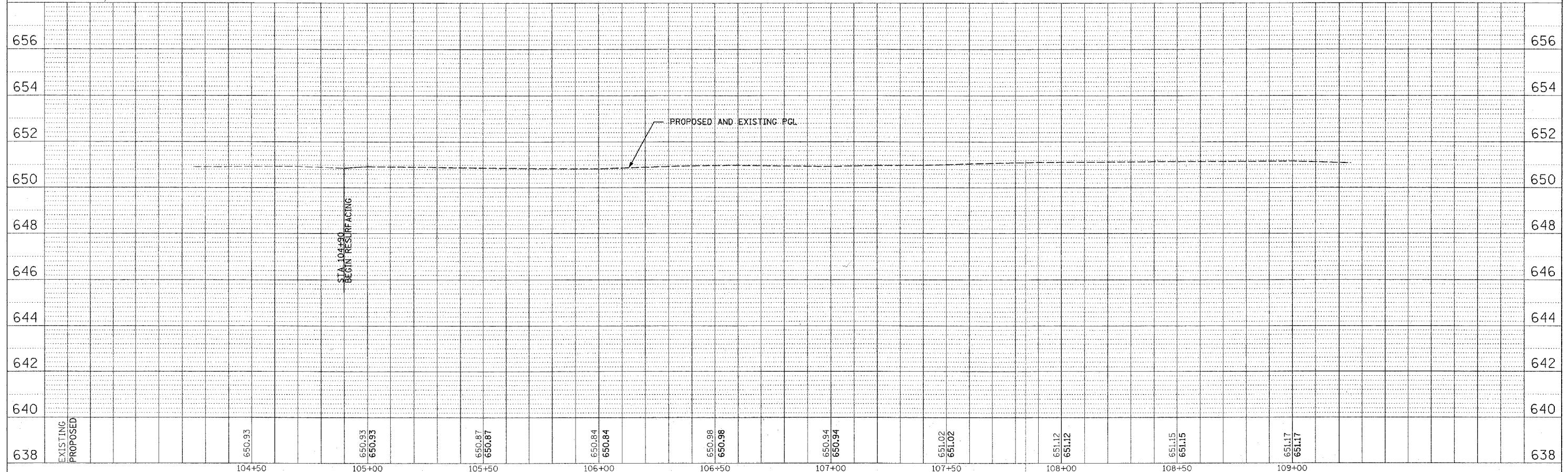
**PLAN**

SCALE: 1"=20'



PLAN	REVISIONS	DATE
NO.	BY	
	DATE	
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PROFILE	REVISIONS	DATE
NO.	BY	
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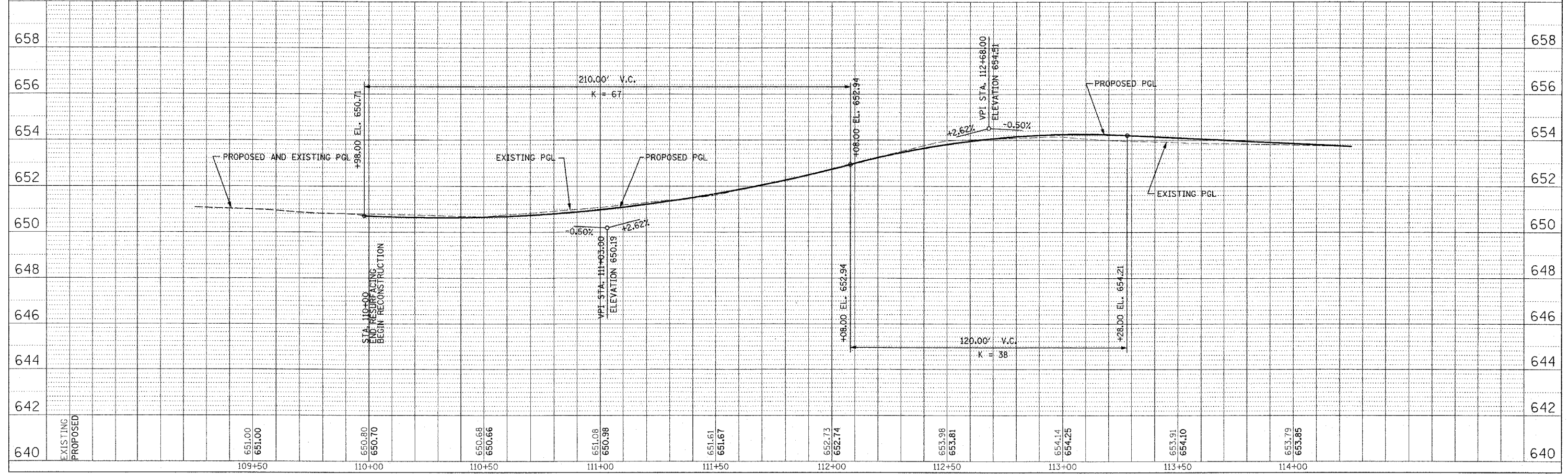
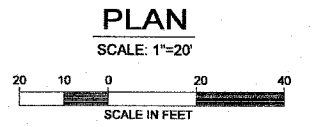
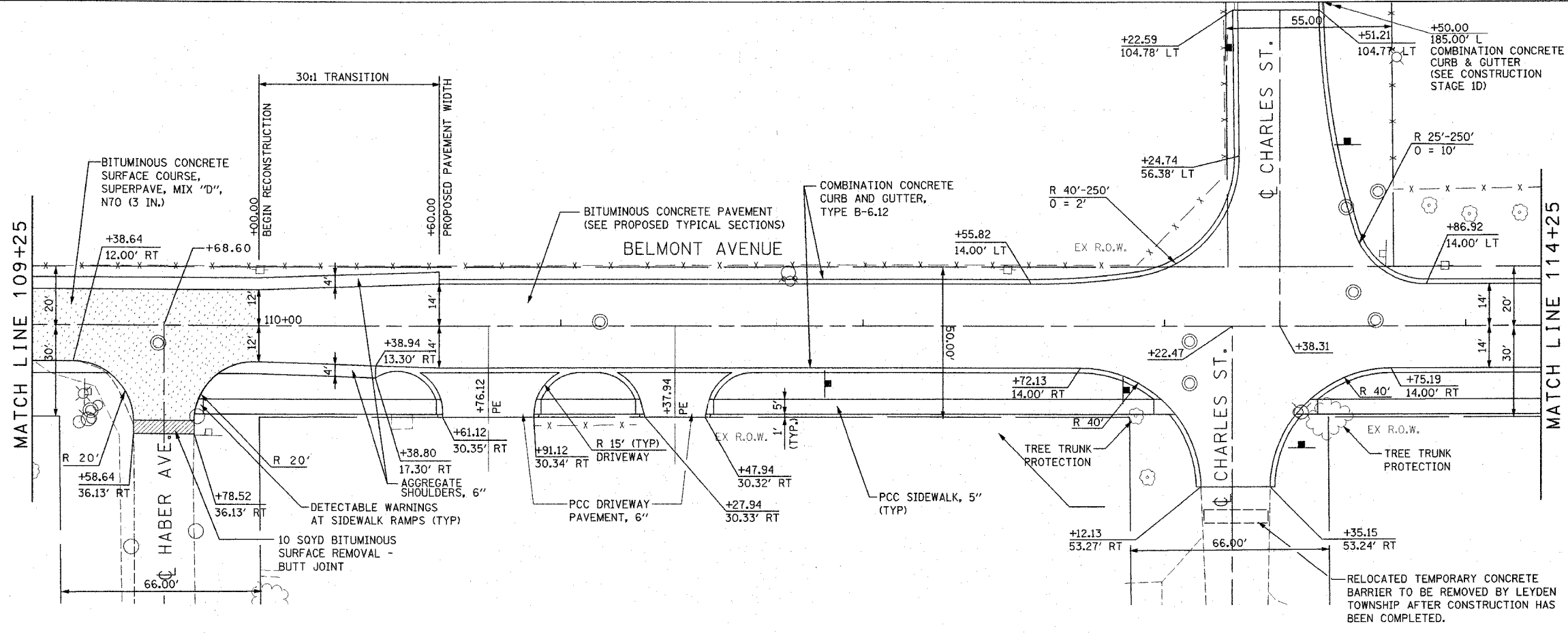
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**PLAN AND PROFILE STA. 104+25 TO STA. 109+25**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	13
STA. 109+25		TO STA. 114+25		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				

DATE	BY
DATE	BY

DATE	BY
DATE	BY

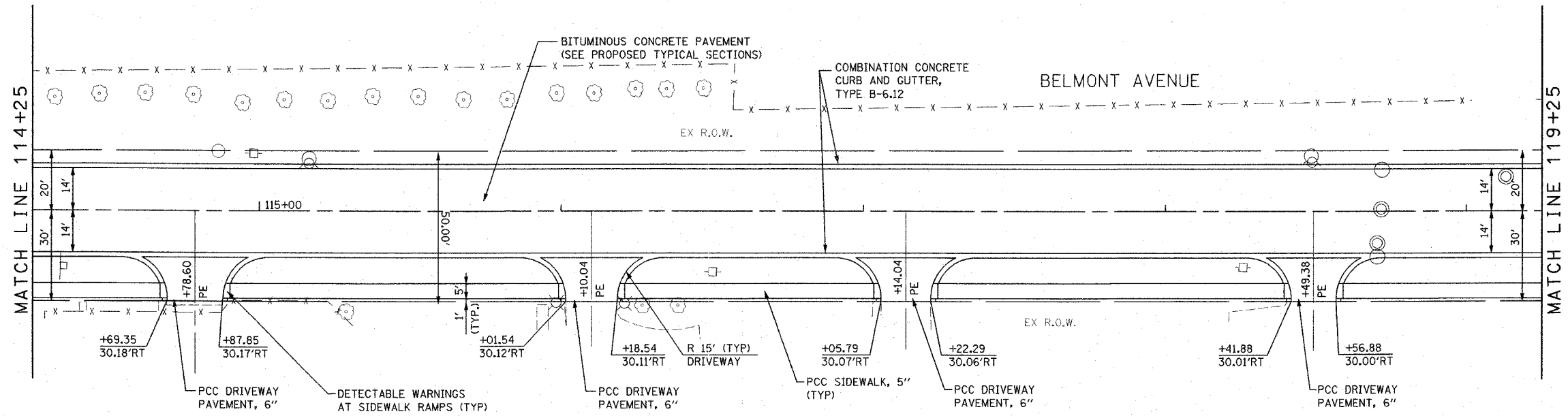


PLAN AND PROFILE STA. 109+25 TO STA. 114+25

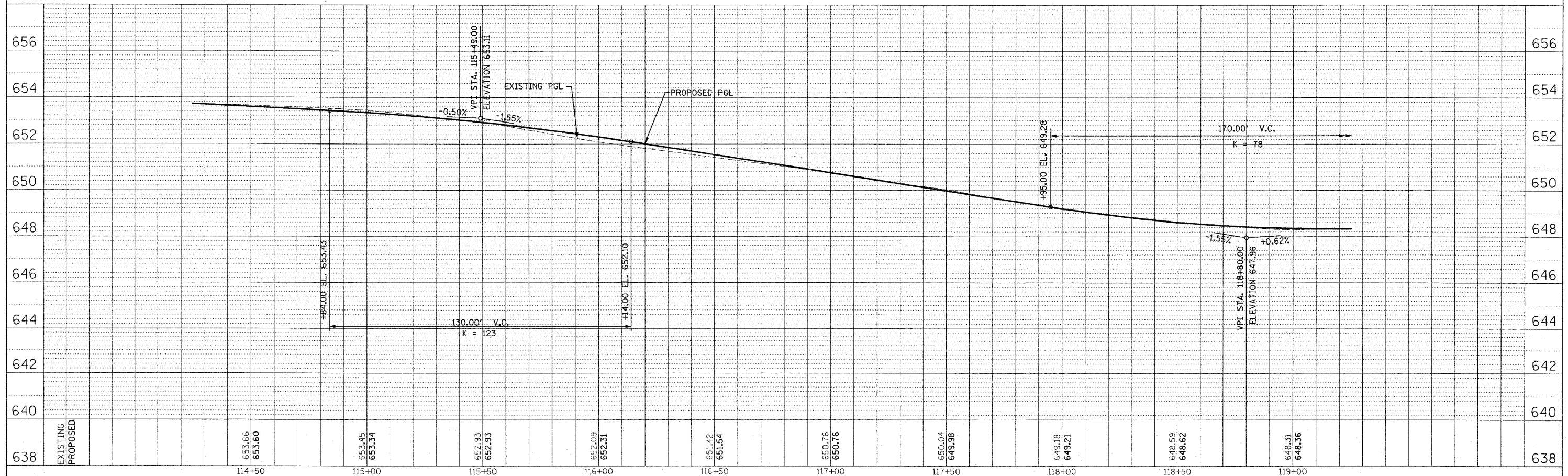
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	14
STA. 114+25		TO STA. 119+25		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	BY	
	DATE	



PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	BY	
	DATE	

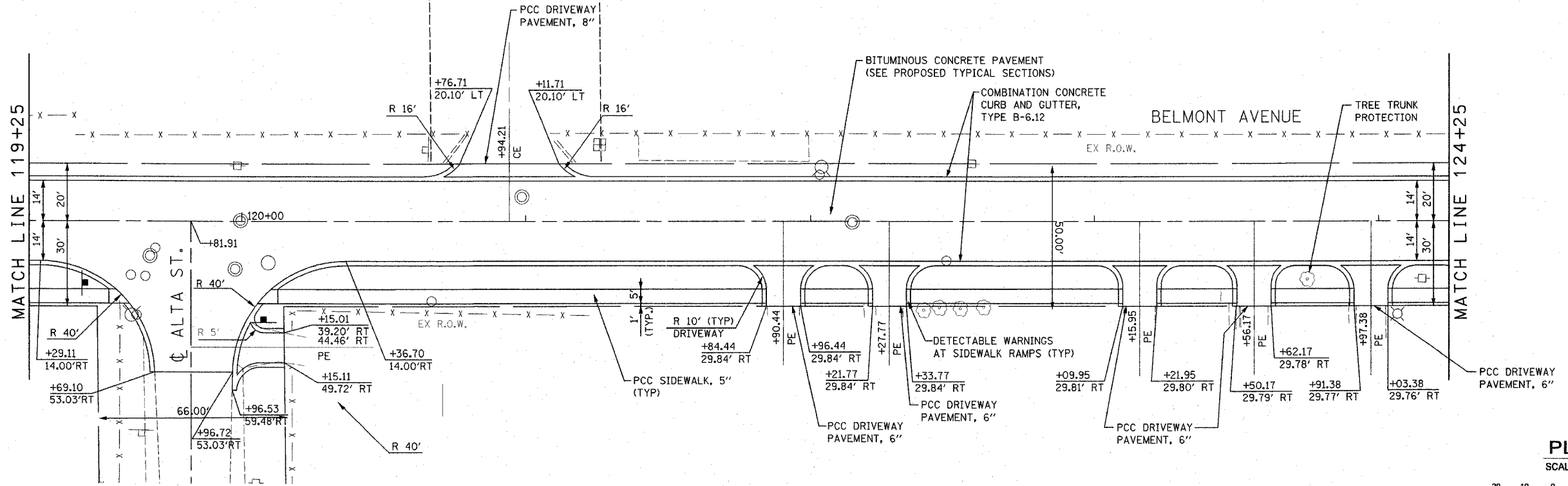


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PLAN AND PROFILE STA. 114+25 TO STA. 119+25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	15
STA. 119+25		TO STA. 124+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 63861				

PLAN	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	NO.	
	NO.	
	NO.	

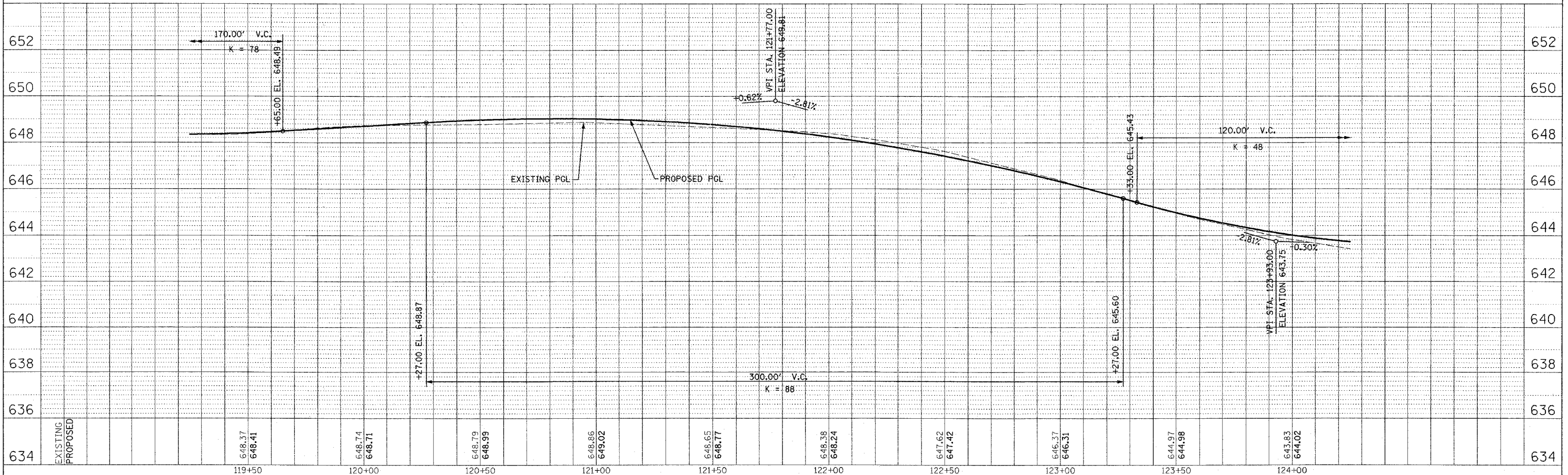


PLAN

SCALE: 1"=20'



PROFILE	SURVEYED	DATE
	NOTED	
	CHECKED	
	BY	
	NO.	
	NO.	
	NO.	

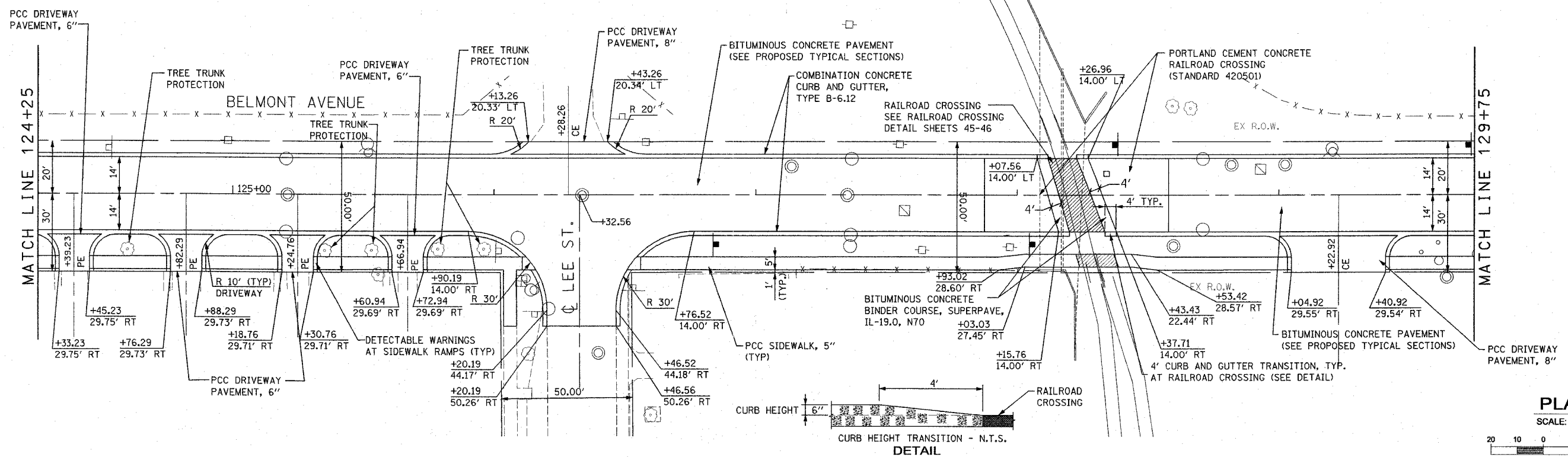


PLAN AND PROFILE STA. 119+25 TO STA. 124+25

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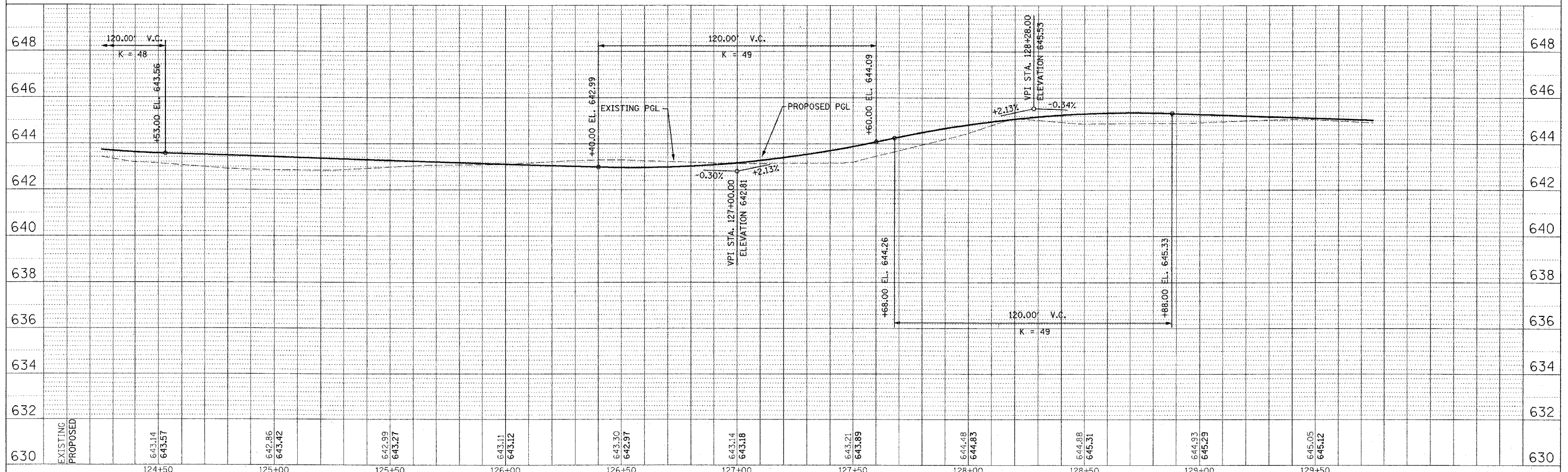
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	16
STA. 124+25		TO STA. 129+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				

PLAN	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	ALIGNED TO GRID
2	ADDED FILE NAME



**PLAN**  
SCALE: 1"=20'  
SCALE IN FEET

PROFILE	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	GRADES CHECKED
2	STRUCTURE NOTATION CHG



**PLAN AND PROFILE STA. 124+25 TO STA. 129+75**

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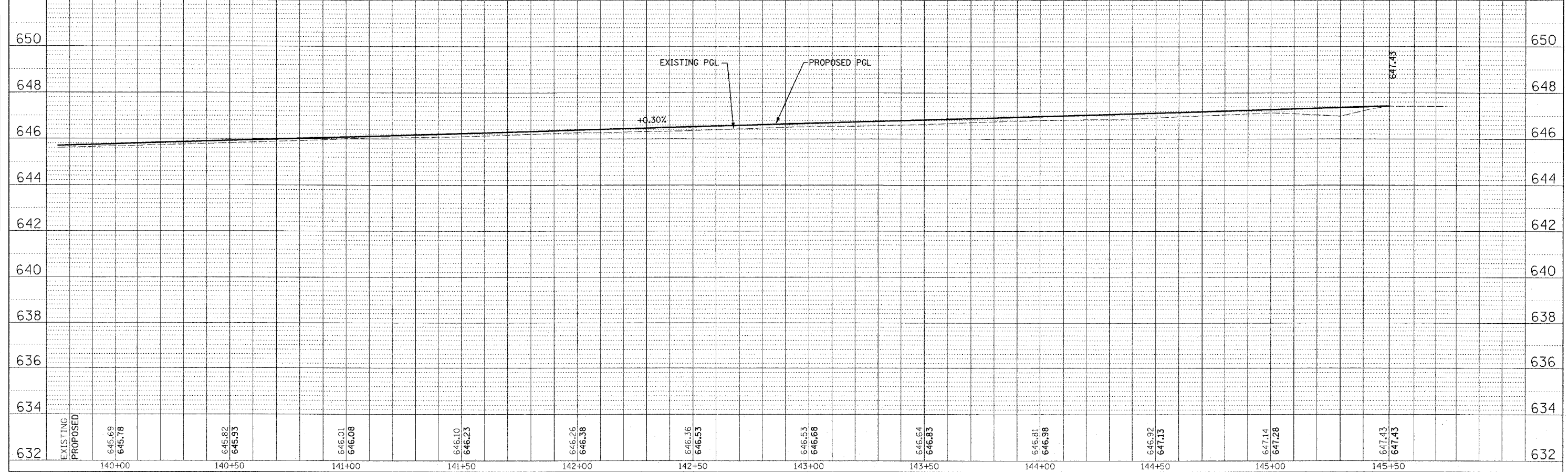
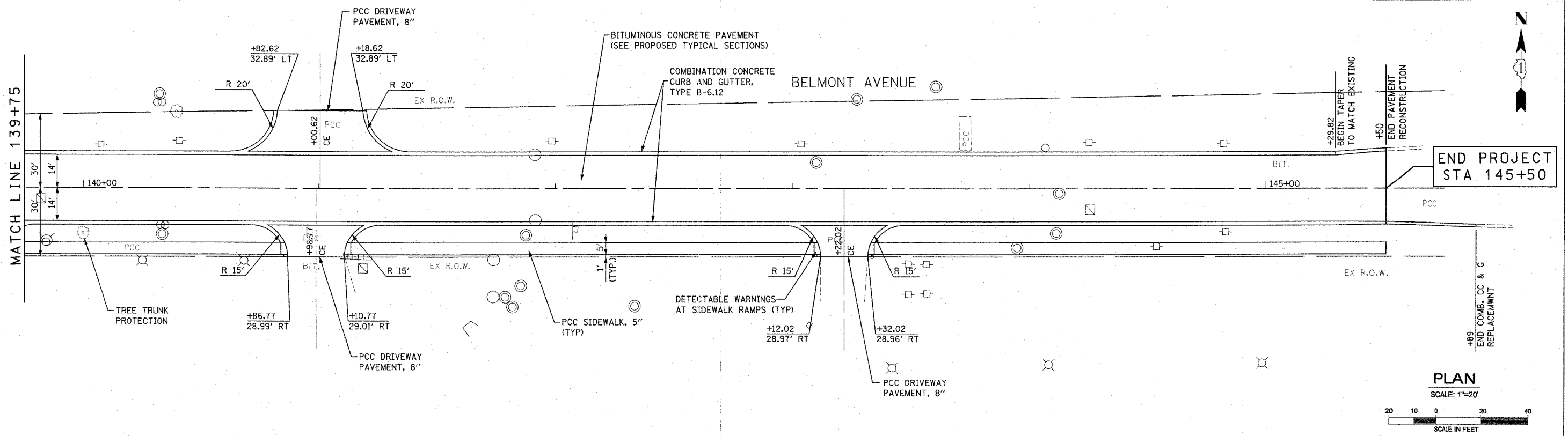




F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	19
STA. 139+75		TO STA. 145+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				

DATE	BY
DATE	BY

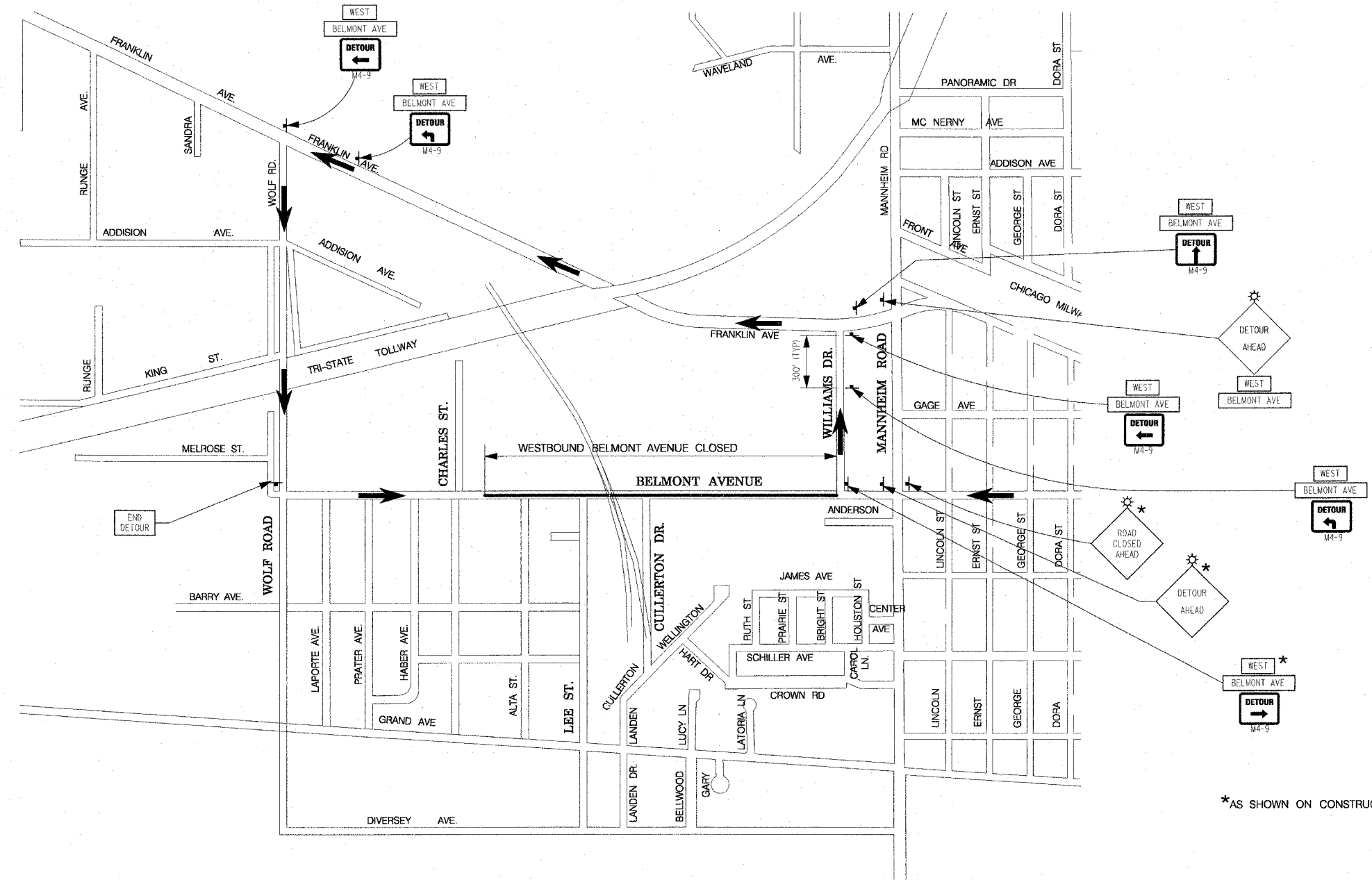
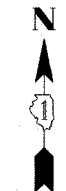
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DATE	BY



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PLAN AND PROFILE STA. 139+75 TO STA. 145+75

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



\*AS SHOWN ON CONSTRUCTION STAGING PLANS.

NOTE:  
 DETOUR ROUTE TO BE IN EFFECT FOR THE DURATION OF STAGE I  
 THROUGH STAGE III.  
 NORMAL TRAFFIC PATTERNS TO BE RESUMED UPON COMPLETION OF PERMANANT  
 PAVEMENT MARKING.  
 DETOUR ROUTE SHALL NOT REMAIN IN OPERATION DURING WINTER MONTHS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DETOUR PLAN**

SCALE: VERT.     DRAWN BY MJK  
 HORIZ.             CHECKED BY BOC  
 DATE 4/6/06

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				

**STAGE IA:**

**WORK AREA:**

- THE WORK AREA IS LOCATED WITHIN THE RIGHT-OF-WAY OF BELMONT AVENUE

**WORK COMPONENTS:**

- INSTALL ADVANCED WARNING SIGNS
- CONSTRUCT WATERMAIN AND SANITARY SEWERS TO REPLACE THOSE THAT WILL BE ABANDONED.
- ABANDON OR DEMOLISH WATERMAIN AND SANITARY SEWER BELONGING TO LEYDEN TOWNSHIP
- RELOCATE ABOVE GROUND UTILITIES THAT WILL INTERFERE WITH NEW PAVEMENT OR TEMPORARY PAVEMENT
- INSTALL TYPE II BARRICADES ALONG THE SOUTH SIDE OF BELMONT AVENUE AND THE EAST SIDE OF CHARLES STREET
- REMOVE EXISTING CURB AND GUTTER
- CONSTRUCT TEMPORARY PAVEMENT ALONG THE SOUTH SIDE OF BELMONT AVENUE AND EAST SIDE OF THE NORTH LEG OF CHARLES STREET.

**MAINTENANCE OF TRAFFIC:**

- DURING WATERMAIN AND SEWER WORK, AND DURING UTILITY RELOCATION, ALL LANES SHALL BE OPENED TO TRAFFIC WITH ONLY TEMPORARY DAYTIME LANE CLOSURES. IDOT STANDARDS 701201-02 AND 701301-02.
- DURING CURB AND GUTTER REMOVAL AND CONSTRUCTION OF TEMPORARY PAVEMENT, BOTH LANES OF TRAFFIC WILL BE REDUCED TO 11 FOOT LANES AND BI-DIRECTIONAL TRAFFIC WILL CONTINUE ALONG BELMONT AVENUE. BIDIRECTIONAL TRAFFIC WILL BE MAINTAINED ON CHARLES STREET.

**STAGE IB:**

**WORK AREA:**

- THE WORK AREA IS LOCATED ON THE NORTH SIDE OF BELMONT AVENUE FROM HABER AVENUE TO CHARLES STREET, AND ON THE WEST SIDE OF CHARLES STREET.

**WORK COMPONENTS:**

- ESTABLISH DETOUR ROUTE
- RELOCATE TYPE II BARRICADES TO 5' SOUTH OF THE CENTERLINE OF BELMONT AVENUE AND ALONG THE EAST SIDE OF CHARLES STREET.
- CONSTRUCT NEW STORM SEWER ON NORTH SIDE OF BELMONT, STUB PIPE 254 FOR FUTURE CONNECTION TO STRUCTURE 202.
- CONSTRUCT NEW PAVEMENT ON THE NORTH SIDE OF BELMONT AND THE WEST SIDE OF CHARLES STREET

**MAINTENANCE OF TRAFFIC:**

- EASTBOUND TRAFFIC WILL BE MAINTAINED ON THE EXISTING EASTBOUND LANES AND ON THE TEMPORARY PAVEMENT CONSTRUCTED DURING STAGE 1A ON BELMONT. SOUTHBOUND TRAFFIC WILL BE MAINTAINED ON CHARLES ON THE TEMPORARY PAVEMENT CONSTRUCTED ON THE EAST SIDE DURING STAGE 1A.

**STAGE IC:**

**WORK AREA:**

- THE WORK AREA IS LOCATED ON THE NORTH SIDE OF BELMONT AVENUE FROM CHARLES STREET TO STA 115+00, AND ON THE EAST SIDE OF CHARLES STREET.

**WORK COMPONENTS:**

- RELOCATE TYPE II BARRICADES TO 3' SOUTH OF THE CENTERLINE OF BELMONT AVENUE AND TO 5' EAST OF THE CENTERLINE OF CHARLES STREET.
- REMOVE TEMPORARY PAVEMENT ON EAST SIDE OF CHARLES STREET.
- CONSTRUCT NEW PAVEMENT ON THE NORTH SIDE OF BELMONT AVENUE AND THE EAST SIDE OF CHARLES STREET. INSTALL NEW CURB & GUTTER WHERE TEMPORARY PAVEMENT WAS LOCATED ON CHARLES STREET.

**MAINTENANCE OF TRAFFIC:**

- MAINTAIN DETOUR ROUTE ESTABLISHED IN STAGE 1B.
- EASTBOUND TRAFFIC WILL BE MAINTAINED ON THE EXISTING EASTBOUND LANES AND ON THE TEMPORARY PAVEMENT CONSTRUCTED DURING STAGE 1A ON BELMONT. NORTHBOUND TRAFFIC WILL BE MAINTAINED ON CHARLES STREET ON THE NEW PAVEMENT CONSTRUCTED ON THE EAST SIDE DURING STAGE 1B.

**STAGE ID:**

**WORK AREA:**

- THE WORK AREA IS LOCATED ON THE SOUTH SIDE OF BELMONT AVENUE FROM HABER AVENUE STREET TO STA 115+00.

**WORK COMPONENTS:**

- RELOCATE TYPE II BARRICADES ALONG THE CENTERLINE OF BELMONT AVENUE.
- REMOVE TEMPORARY PAVEMENT ON SOUTH SIDE OF BELMONT.
- CONSTRUCT NEW STORM SEWER IN RESURFACED AREA. ALL LANES SHALL BE OPENED TO TRAFFIC WITH ONLY TEMPORARY DAYTIME LANE CLOSURES. IDOT STANDARDS 701201-02 AND 701301-02.
- CONSTRUCT NEW STORM SEWER SOUTH OF BELMONT CENTERLINE AND CONNECT TO NEW SYSTEM.
- CONSTRUCT NEW PAVEMENT ON THE SOUTH SIDE OF BELMONT.
- CONSTRUCT RESURFACING AND AGGREGATE SHOULDERS FROM STA 104+90 TO STA 110+00.

**MAINTENANCE OF TRAFFIC:**

- MAINTAIN DETOUR ROUTE ESTABLISHED IN STAGE 1B.
- EASTBOUND TRAFFIC WILL BE MAINTAINED ON THE NEW WESTBOUND LANE ON BELMONT AVENUE. NORTHBOUND AND SOUTHBOUND TRAFFIC WILL BE RESTORED ON CHARLES STREET.

**GENERAL NOTES:**

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION.
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH TEMPORARY TRAFFIC CONFIGURATIONS SHALL BE REMOVED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC  
 STAGE IA, IB, IC, ID**

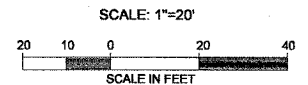
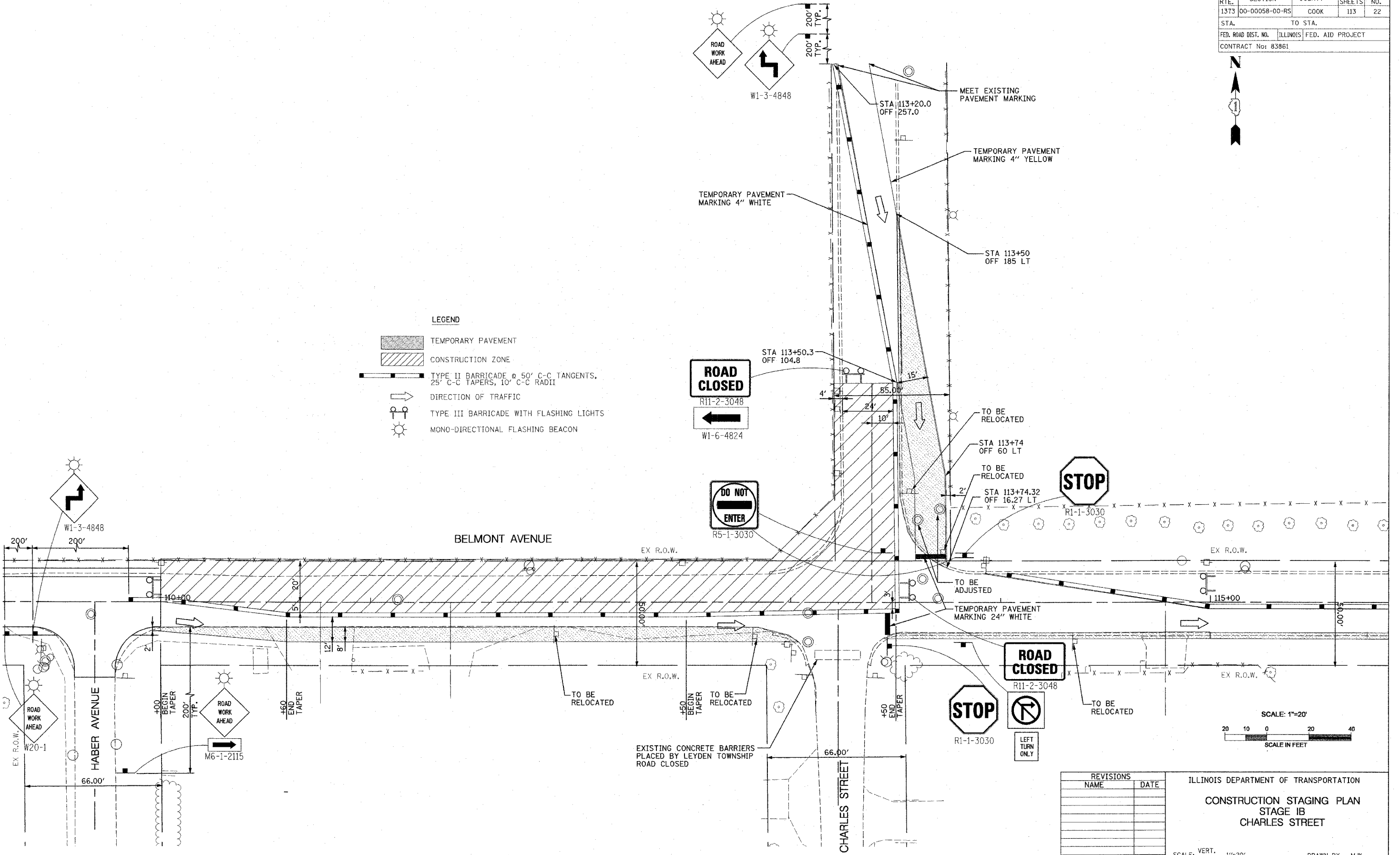
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 HORIZ. N.T.S.  
 DATE 4/6/06

DRAWN BY MJK  
 CHECKED BY BDC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
  - DIRECTION OF TRAFFIC
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - MONO-DIRECTIONAL FLASHING BEACON



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION STAGING PLAN**  
**STAGE 1B**  
**CHARLES STREET**

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE: 4/6/06

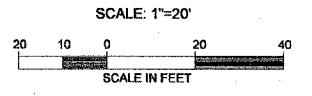
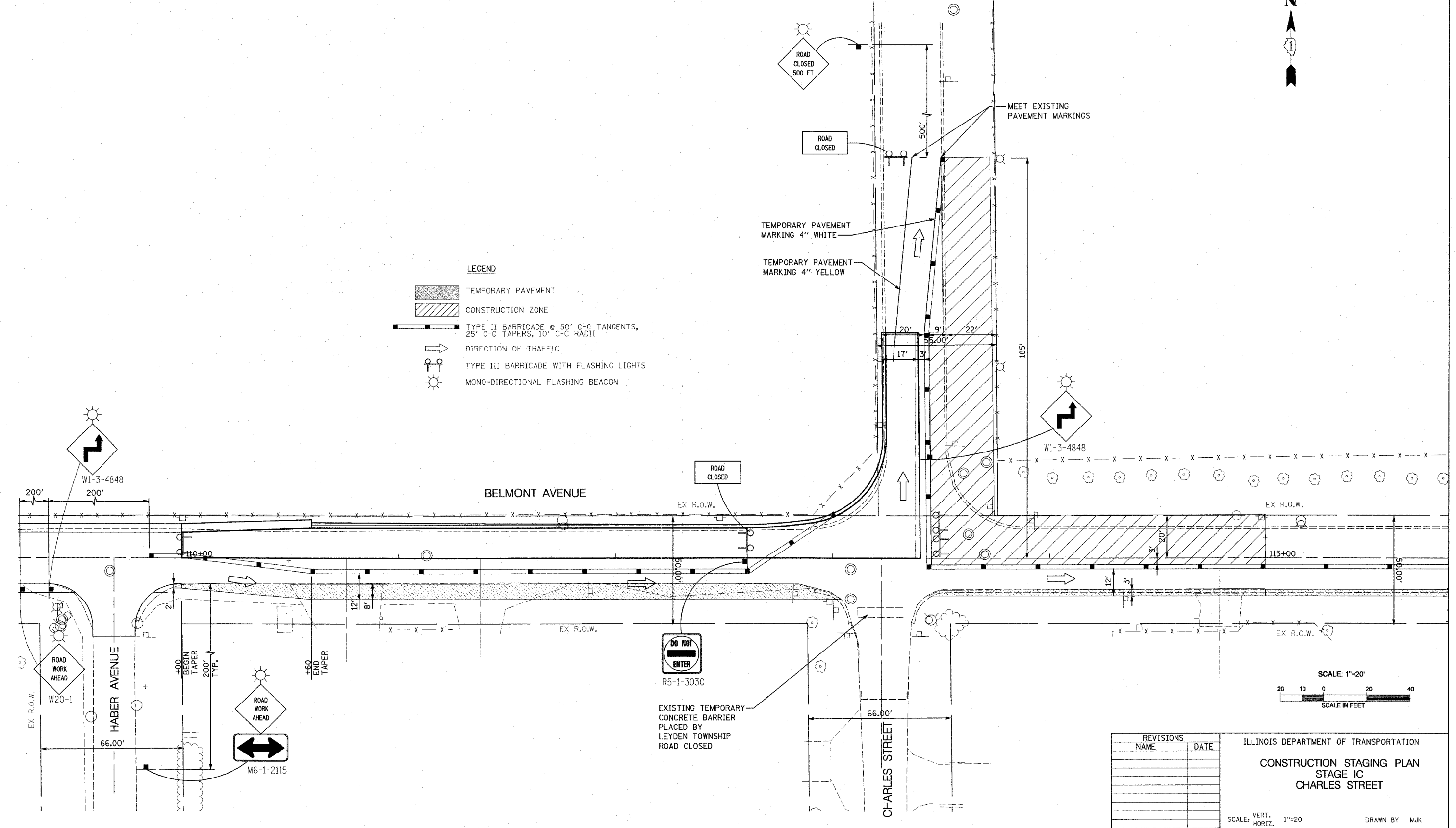
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				



- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
  - DIRECTION OF TRAFFIC
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - MONO-DIRECTIONAL FLASHING BEACON



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION STAGING PLAN**  
**STAGE IC**  
**CHARLES STREET**

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 4/6/06  
 DRAWN BY MJK  
 CHECKED BY BDC

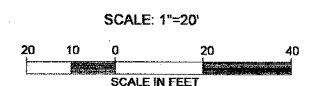
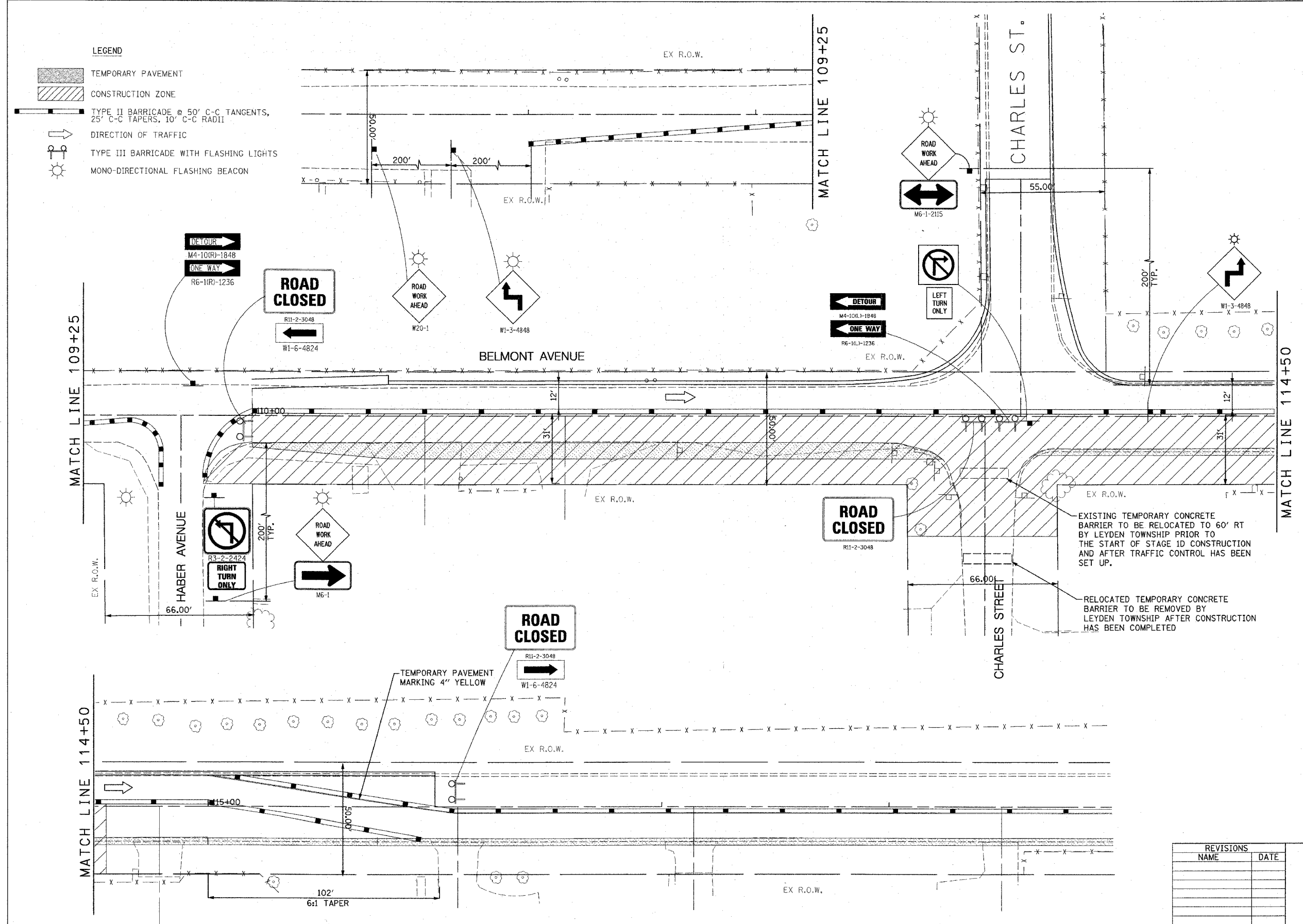
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				



**LEGEND**

- TEMPORARY PAVEMENT
- CONSTRUCTION ZONE
- TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MONO-DIRECTIONAL FLASHING BEACON



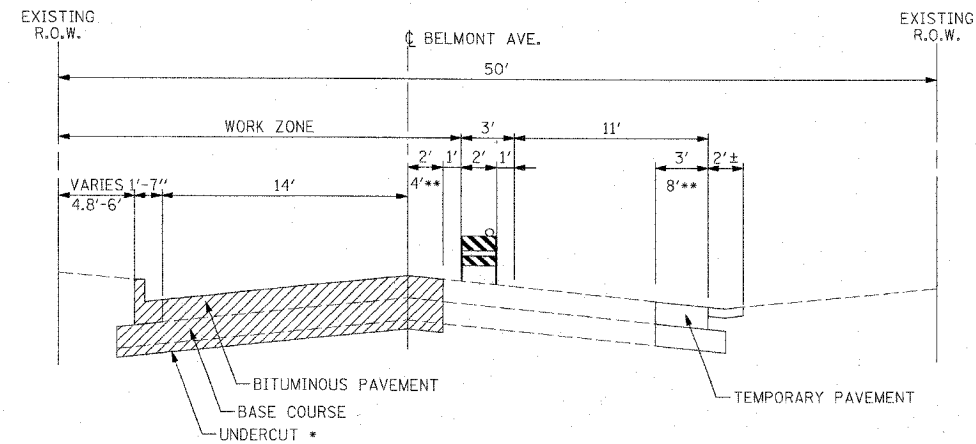
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION STAGING PLAN**  
 STAGE 1D  
 CHARLES STREET

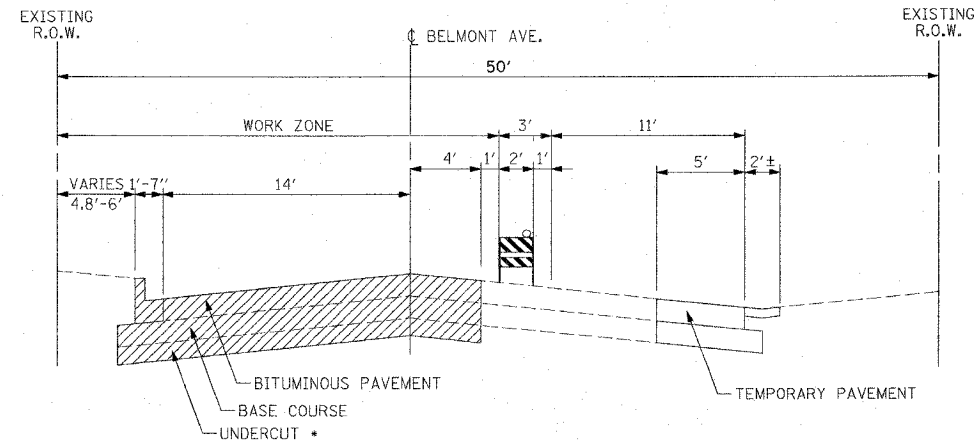
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 HORIZ. 4"=20'  
 DATE: 4/6/06  
 DRAWN BY: MJK  
 CHECKED BY: BDC



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				

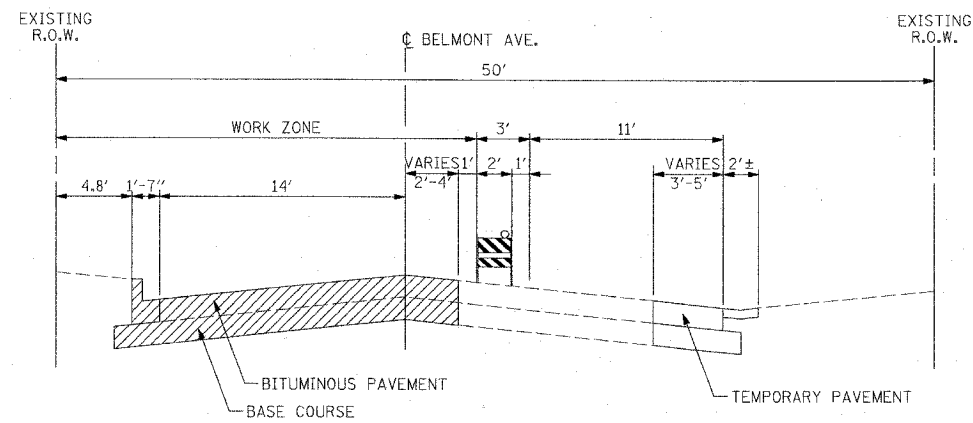


MAINTENANCE OF TRAFFIC TYPICAL SECTION  
STAGE II  
BELMONT AVENUE  
STA. 110+60 TO STA. 112+50\*\*  
STA. 112+50 TO STA. 128+50



MAINTENANCE OF TRAFFIC TYPICAL SECTION  
STAGE II  
BELMONT AVENUE  
STA. 129+50 TO STA 145+50.94

- STA. 110+60 TO STA. 112+50, 6" OF UNDERCUT IS REQUIRED
- STA. 112+50 TO STA. 129+50, NO UNDERCUT IS REQUIRED
- STA. 129+50 TO STA. 136+50, 12" OF UNDERCUT IS REQUIRED
- STA. 136+50 TO STA. 142+00, NO UNDERCUT IS REQUIRED
- STA. 142+00 TO STA. 145+50.94, 6" OF UNDERCUT IS REQUIRED



MAINTENANCE OF TRAFFIC TYPICAL SECTION  
STAGE II  
BELMONT AVENUE  
STA. 128+50 TO STA. 129+50

**STAGE II:**

**WORK AREA:**

- THE WORK AREA IS LOCATED ON THE NORTH SIDE OF BELMONT AVENUE IN THE WESTBOUND LANES STARTING AT STA 115+00.

**WORK COMPONENTS:**

- INSTALL TYPE II BARRICADES @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
- REMOVE EXISTING PAVEMENT IN THE RIGHT-OF-WAY.
- CONSTRUCT NEW STORM SEWER.
- CONSTRUCT NEW PAVEMENT AND DRIVEWAYS ON THE NORTH SIDE OF BELMONT AVENUE

**MAINTENANCE OF TRAFFIC:**

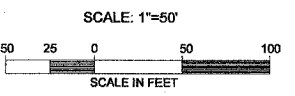
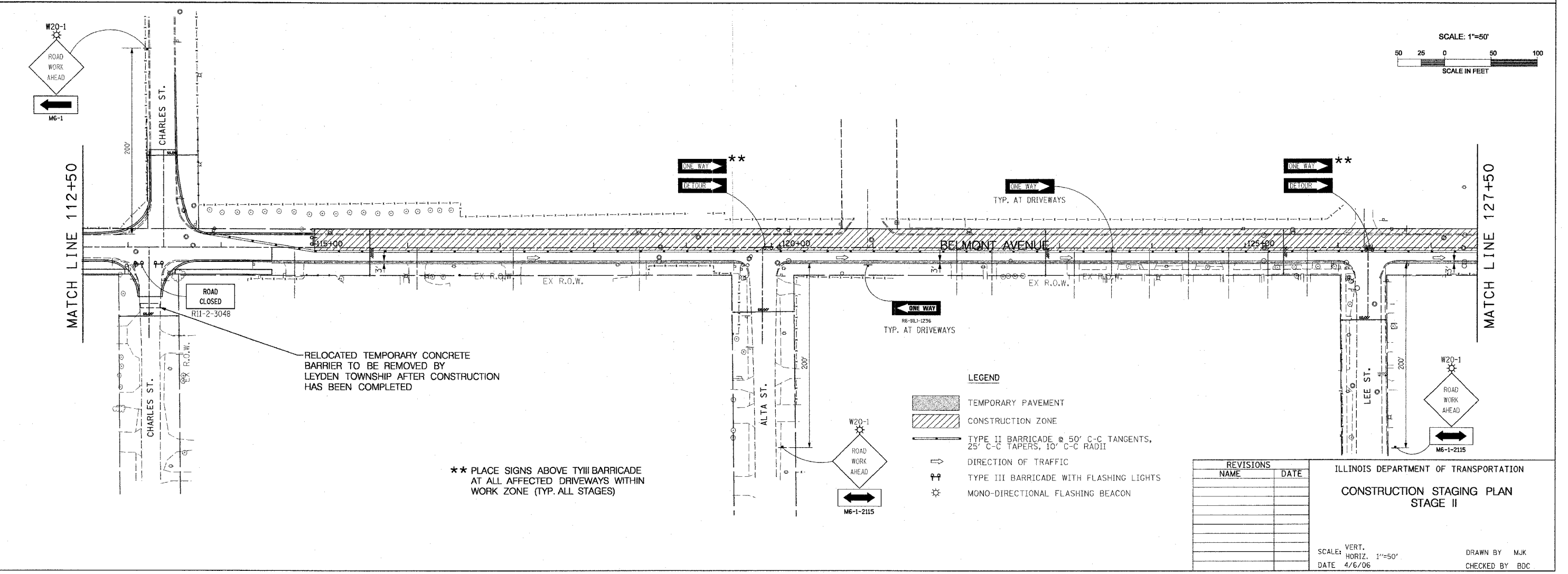
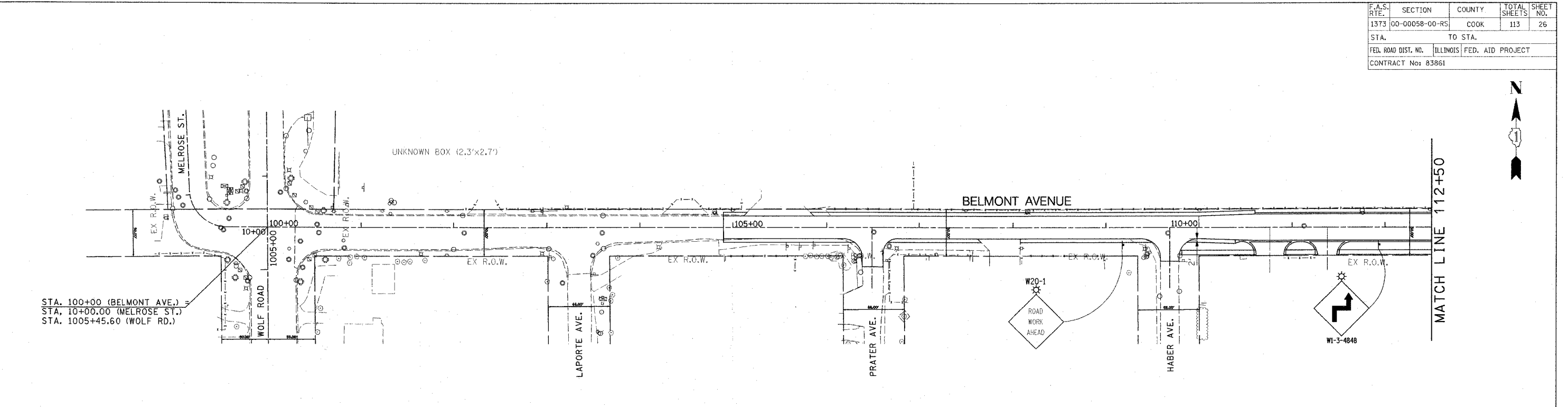
- MAINTAIN DETOUR ROUTE ESTABLISHED IN STAGE 1B.
- EASTBOUND TRAFFIC WILL BE MAINTAINED ON THE EXISTING EASTBOUND LANES AND ON THE TEMPORARY PAVEMENT CONSTRUCTED DURING STAGE 1
- ALL SIDE STREETS AND DRIVEWAYS WILL REMAIN OPENED TO TRAFFIC UNLESS OTHERWISE NOTED.

**GENERAL NOTES:**

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION.
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH TEMPORARY TRAFFIC CONFIGURATIONS SHALL BE REMOVED.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		MAINTENANCE OF TRAFFIC STAGE II TYPICAL SECTIONS
SCALE:	VERT. N.T.S.	DRAWN BY MJK
DATE	HORIZ. N.T.S.	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83961				



\*\* PLACE SIGNS ABOVE TYIII BARRICADE AT ALL AFFECTED DRIVEWAYS WITHIN WORK ZONE (TYP. ALL STAGES)

**LEGEND**

- TEMPORARY PAVEMENT
- CONSTRUCTION ZONE
- TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MONO-DIRECTIONAL FLASHING BEACON

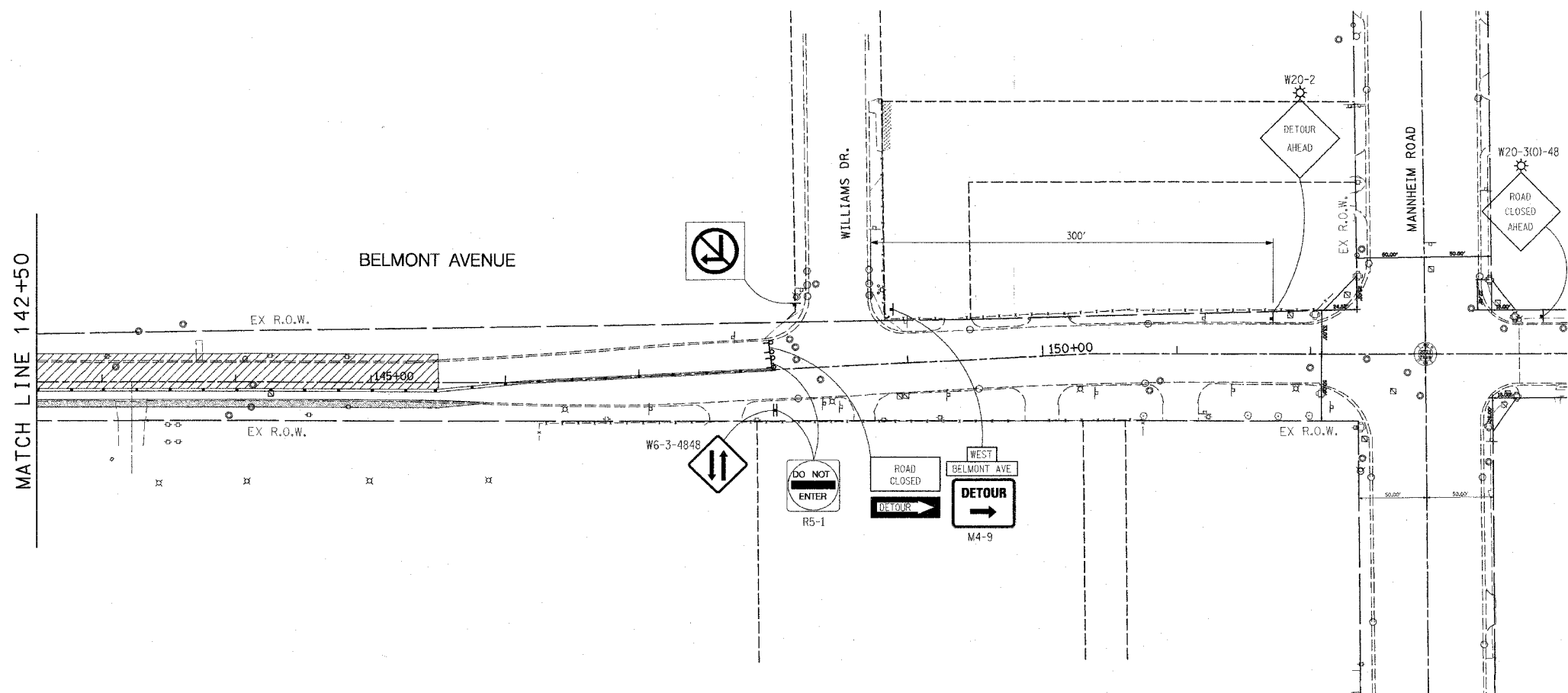
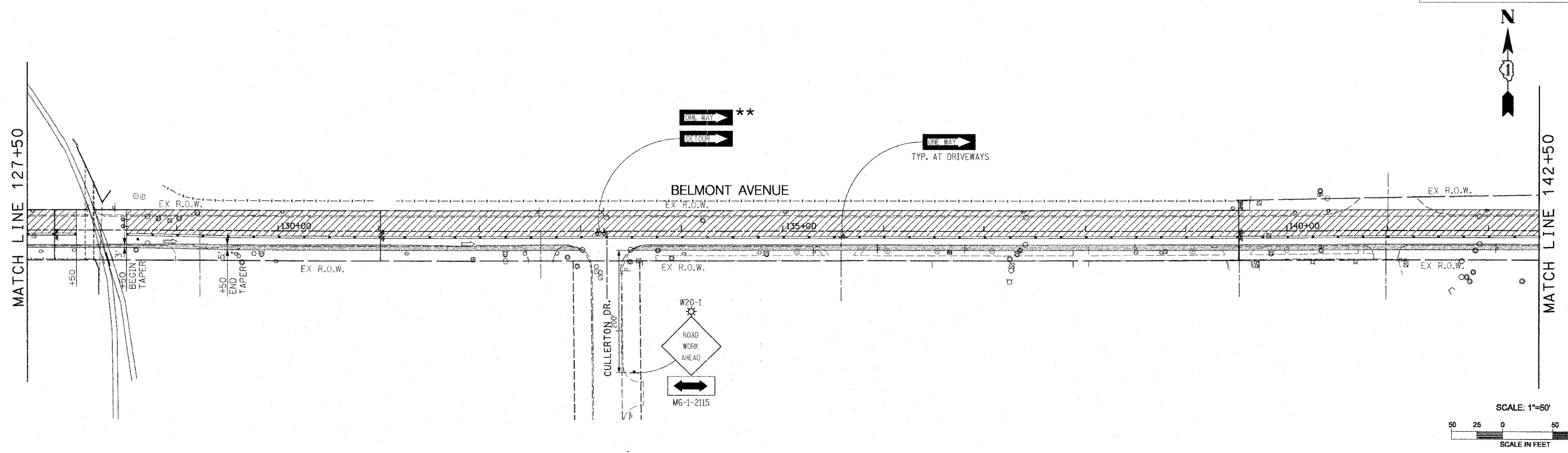
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION STAGING PLAN  
STAGE II

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 4/6/06  
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CHECKED BY BDC

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				



- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
  - DIRECTION OF TRAFFIC
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - MONO-DIRECTIONAL FLASHING BEACON

\*\* PLACE SIGNS ABOVE TYPE III BARRICADE AT ALL AFFECTED DRIVEWAYS WITHIN WORK ZONE (TYP. ALL STAGES)

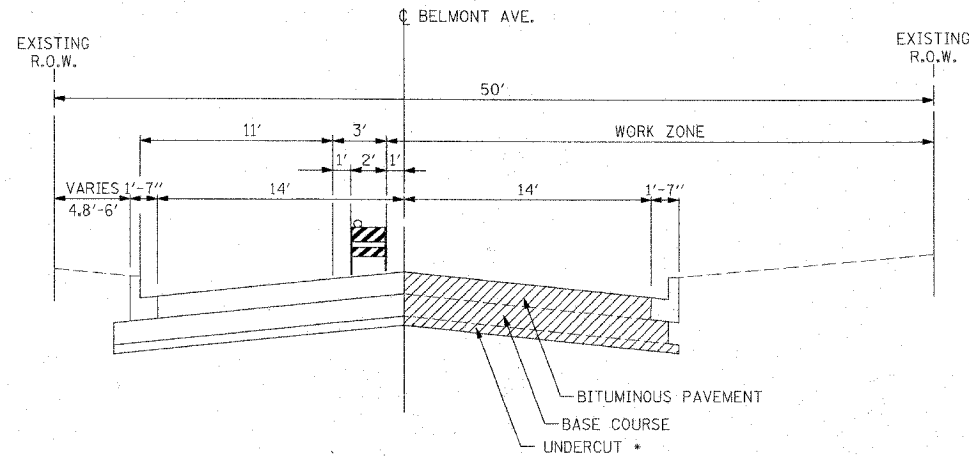
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION STAGING PLAN  
STAGE II

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 4/6/06  
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



MAINTENANCE OF TRAFFIC TYPICAL SECTION  
 STAGE III  
 BELMONT AVENUE  
 STA. 110+60 TO STA 145+50.94

- \* STA. 110+60 TO STA. 112+50, 6" OF UNDERCUT IS REQUIRED
- STA. 112+50 TO STA. 129+50, NO UNDERCUT IS REQUIRED
- STA. 129+50 TO STA. 136+50, 12" OF UNDERCUT IS REQUIRED
- STA. 136+50 TO STA. 142+00, NO UNDERCUT IS REQUIRED
- STA. 142+00 TO STA. 145+50.94, 6" OF UNDERCUT IS REQUIRED

STAGE III:

WORK AREA:

- THE WORK AREA IS LOCATED ON THE SOUTH SIDE OF BELMONT AVENUE IN THE EASTBOUND LANES

WORK COMPONENTS:

- RELOCATE TYPE II BARRICADES.
- REMOVE EXISTING PAVEMENT IN THE RIGHT-OF-WAY.
- REMOVE TEMPORARY PAVEMENT.
- CONSTRUCT NEW STORM SEWER.
- CONSTRUCT NEW PAVEMENT AND DRIVEWAYS ON THE SOUTH SIDE OF BELMONT AVENUE.
- CONSTRUCT NEW SIDEWALK ON THE SOUTH SIDE OF BELMONT AVENUE.
- INSTALL PERMANENT PAVEMENT MARKINGS.
- INSTALL PROPOSED SIGNAGE.

MAINTENANCE OF TRAFFIC:

- MAINTAIN DETOUR ROUTE ESTABLISHED INSTAGE 1B.
- EASTBOUND TRAFFIC WILL BE MAINTAINED ON THE EXISTING WESTBOUND LANES.
- ALL SIDE STREETS WILL BE CLOSED TO TRAFFIC EXCEPT FOR CHARLES STREET.

GENERAL NOTES:

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION.
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH TEMPORARY TRAFFIC CONFIGURATIONS SHALL BE REMOVED.

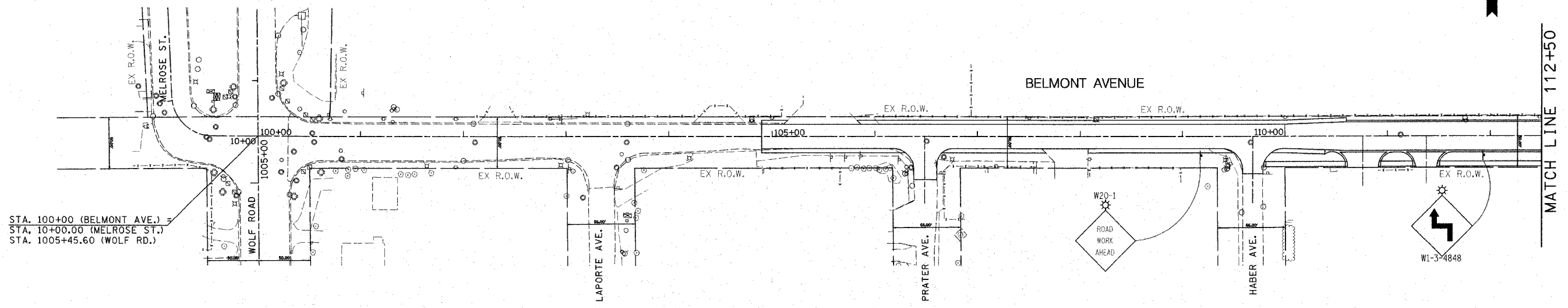
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC  
 STAGE III  
 TYPICAL SECTIONS

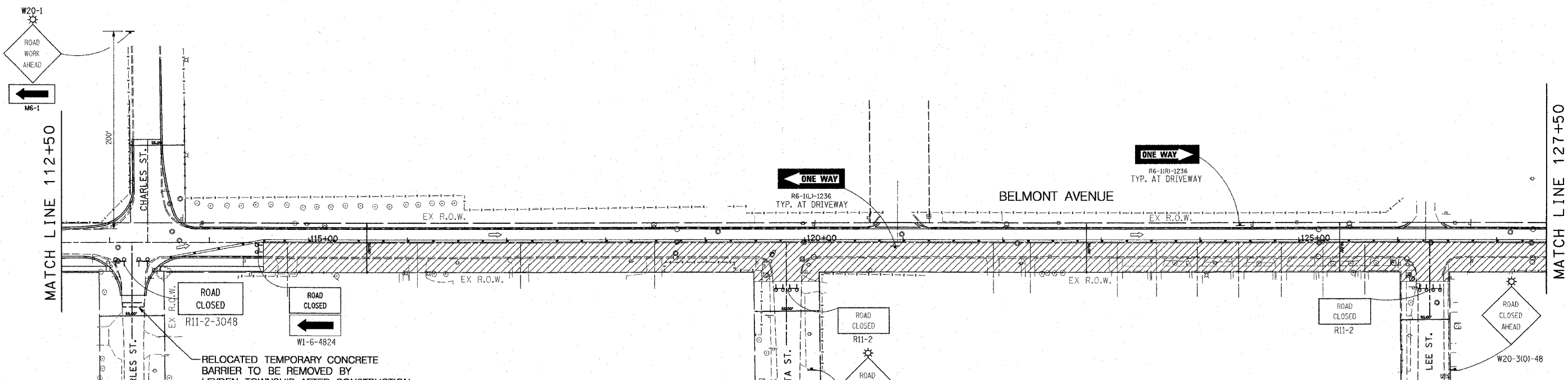
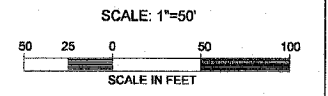
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 HORIZ. N.T.S.  
 DATE 4/6/06

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 CHECKED BY BDC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	29
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				



STA. 100+00 (BELMONT AVE.)  
 STA. 10+00.00 (MELROSE ST.)  
 STA. 1005+45.60 (WOLF RD.)



RELOCATED TEMPORARY CONCRETE BARRIER TO BE REMOVED BY LEYDEN TOWNSHIP AFTER CONSTRUCTION HAS BEEN COMPLETED

- TEMPORARY PAVEMENT
- CONSTRUCTION ZONE
- TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE WITH FLASHING LIGHTS
- MONO-DIRECTIONAL FLASHING BEACON

REVISIONS	
NAME	DATE

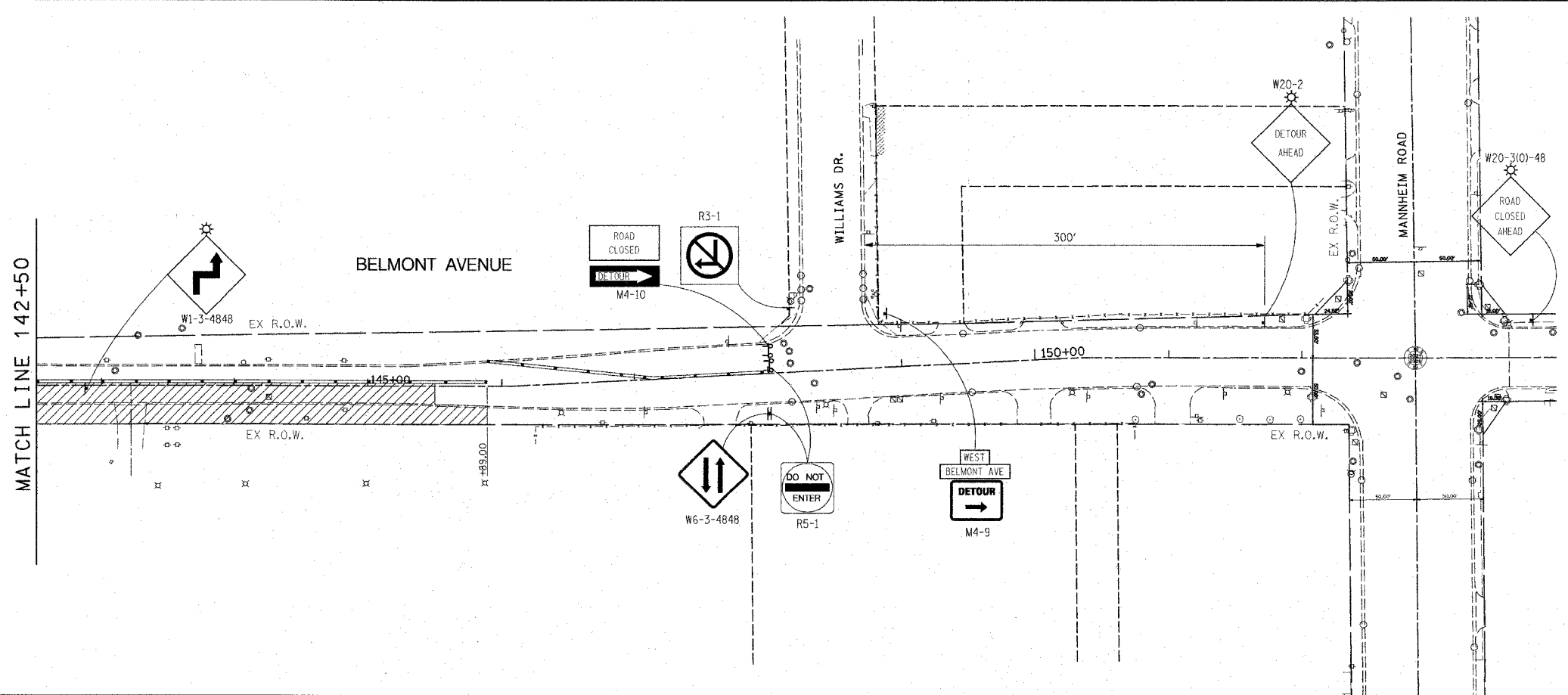
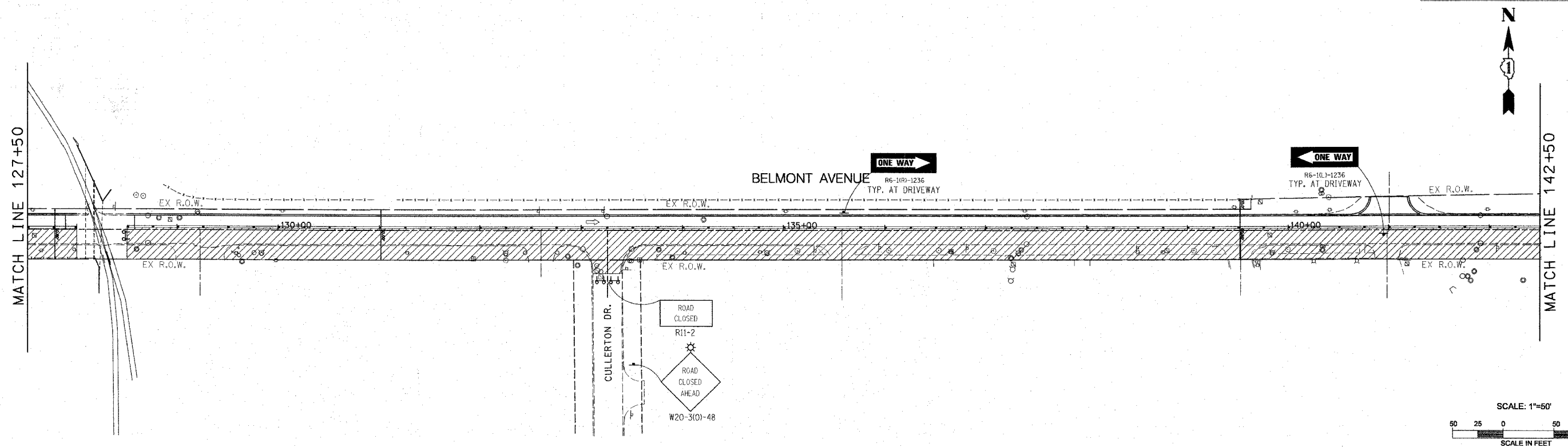
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION STAGING PLAN**  
 STAGE III

SCALE: VERT. 1"=50'  
 HORIZ. 1"=50'  
 DATE 4/6/06

DRAWN BY MJK  
 CHECKED BY BDC

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				



- LEGEND**
- TEMPORARY PAVEMENT
  - CONSTRUCTION ZONE
  - TYPE II BARRICADE @ 50' C-C TANGENTS, 25' C-C TAPERS, 10' C-C RADII
  - DIRECTION OF TRAFFIC
  - TYPE III BARRICADE WITH FLASHING LIGHTS
  - MONO-DIRECTIONAL FLASHING BEACON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION STAGING PLAN**  
 STAGE III

SCALE: VERT. 1"=50'  
 HORIZ. 1"=50'  
 DATE 4/6/06

DRAWN BY MJK  
 CHECKED BY BDC

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DRAINAGE PIPE SCHEDULE 100 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
151	0.0010	103	52		DIP	24"	101	102
152	0.0012	337	52		DIP	24"	102	201

DRAINAGE PIPE SCHEDULE 200 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
251	0.0011	92	52		DIP	30"	201	202
252	0.0010	33	52		DIP	30"	202	203
253	0.0100	76	IV	1	RCP	12"	204	210
254	0.0100	20	52		DIP	12"	210	202
255	0.0100	10	IV	1	RCP	12"	209	202
256	0.0100	18	IV	1	RCP	12"	208	209
257	0.0100	57	III	2	RCP	12"	207	206
258	0.0100	107	III	2	RCP	12"	205	206
259	0.0100	13	III	2	RCP	12"	206	203

DRAINAGE PIPE SCHEDULE 300 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
351	0.0100	132	IV	1	RCP	12"	309	310
352	0.0100	66	IV	1	RCP	12"	310	302
353	0.0118	223	52		DIP	18"	302	316
354	0.0100	13	52		DIP	12"	304	302
355	0.0100	60	52		DIP	12"	305	306
356	0.0100	45	52		DIP	12"	307	306
357	0.0100	18	52		DIP	12"	306	316
358	0.0100	12	52		DIP	12"	308	303
359	0.0100	75	IV	1	RCP	12"	311	312
360	0.0100	48	IV	1	RCP	12"	312	313
361	0.0100	32	IV	1	RCP	12"	314	313
362	0.0100	18	IV	1	RCP	12"	313	316
363	0.0100	18	IV	1	RCP	12"	315	303
364	0.0118	43	52		DIP	18"	316	303

DRAINAGE PIPE SCHEDULE 400 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
451	0.0031	120	52		DIP	18"	303	401
452	0.0040	178	52		DIP	18"	401	402
453	0.0081	250	52		DIP	18"	402	501
454	0.0100	18	52		DIP	12"	404	401
455	0.0100	42	IV	1	RCP	12"	405	406
456	0.0100	42	IV	1	RCP	12"	406	407

**LEGEND**  
RCP REINFORCED CONCRETE PIPE  
DIP DUCTILE IRON PIPE

DRAINAGE PIPE SCHEDULE 500 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
552	0.0032	125	52		DIP	18"	501	521
553	0.0010	65	52		DIP	18"	522	503
554	0.0030	47	52		DIP	12"	403	504
555	0.0030	73	52		DIP	12"	505	506
556	0.0030	12	52		DIP	12"	506	521
557	0.0030	12	52		DIP	12"	508	522
558	0.0030	60	52		DIP	12"	509	508
559	0.0030	42	IV	1	RCP	12"	407	511
560	0.0030	22	52		DIP	12"	504	501
561	0.0030	18	IV	1	RCP	12"	511	501
562	0.0010	49	IV	1	RCP	12"	512	513
564	0.0010	18	IV	1	RCP	12"	513	521
565	0.0030	18	IV	1	RCP	12"	516	522
566	0.0030	30	IV	1	RCP	12"	517	516
567	0.0010	27	IV	1	RCP	12"	515	502
568	0.0030	12	52		DIP	12"	507	502
569	0.0100	28	52		DIP	12"	510	519
570	0.0100	22	III	2	RCP	12"	518	519
571	0.0050	22	III	2	RCP	12"	519	520
572	0.0008	168	52		DIP	24"	601	519
573	0.0032	65	52		DIP	18"	521	502
574	0.0010	15	52		DIP	18"	502	522

DRAINAGE PIPE SCHEDULE 600 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
651	0.0008	165	IV	1	RCP	24"	619	601
652	0.0008	205	IV	1	RCP	24"	701	620
653	0.0100	85	IV	1	RCP	12"	609	610
654	0.0100	36	III	2	RCP	12"	610	601
655	0.0100	83	IV	1	RCP	12"	611	610
656	0.0100	13	III	2	RCP	12"	603	601
657	0.0080	61	IV	1	RCP	12"	613	612
658	0.0080	22	IV	1	RCP	12"	612	619
659	0.0095	37	IV	1	RCP	12"	614	616
660	0.0100	28	52		DIP	12"	616	615
661	0.0100	18	IV	1	RCP	12"	617	620
662	0.0070	54	IV	1	RCP	12"	618	617
663	0.0070	79	IV	1	RCP	12"	708	618
664	0.0100	15	IV	1	RCP	15"	615	602
665	0.0080	95	IV	1	RCP	12"	605	604
666	0.0080	13	IV	1	RCP	12"	604	619
667	0.0050	16	IV	1	RCP	12"	608	620
668	0.0050	45	IV	1	RCP	12"	607	608
669	0.0050	90	IV	1	RCP	12"	703	608
670	0.0100	13	IV	1	RCP	15"	606	602
671	0.0008	146	IV	1	RCP	24"	602	619
672	0.0008	49	IV	1	RCP	24"	620	602

DRAINAGE PIPE SCHEDULE 700 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
751	0.0018	325	IV	1	RCP	18"	702	701
752	0.0017	114	III	2	RCP	18"	816	702
753	0.0070	80	IV	1	RCP	12"	710	709
754	0.0070	80	IV	1	RCP	12"	711	710
755	0.0070	80	IV	1	RCP	12"	712	711
756	0.0100	18	IV	1	RCP	12"	709	701
757	0.0100	13	IV	1	RCP	12"	704	701
758	0.0080	107	IV	1	RCP	12"	705	704
759	0.0075	108	IV	1	RCP	12"	706	705
760	0.0100	95	IV	1	RCP	15"	802	707
761	0.0100	60	IV	1	RCP	15"	809	713
762	0.0100	18	IV	1	RCP	15"	713	702
763	0.0100	13	III	2	RCP	15"	707	702

DRAINAGE PIPE SCHEDULE 800 SERIES								
PIPE NUMBER	SLOPE (FT/FT)	LENGTH (FT)	CLASS	TYPE	MATERIAL	DIAMETER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE
851	0.0017	66	III	2	RCP	18"	817	816
852	0.0075	73	IV	1	RCP	12"	810	809
853	0.0070	32	IV	1	RCP	12"	811	817
854	0.0070	80	IV	1	RCP	12"	812	811
855	0.0100	74	52		DIP	12"	814	813
856	0.0100	80	IV	1	RCP	12"	815	814
857	0.0080	12	IV	1	RCP	12"	803	817
858	0.0080	41	IV	1	RCP	12"	804	803
859	0.0080	80	IV	1	RCP	12"	805	804
860	0.0100	76	IV	1	RCP	12"	807	806
861	0.0100	75	IV	1	RCP	12"	808	807
862	0.0100	18	III	2	RCP	12"	806	801
863	0.0100	18	IV	1	RCP	12"	813	801
864	0.0017	187	III	2	RCP	18"	801	817

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
SCALE: VERT.	HORIZ.	DRAWN BY MJK
DATE 4/6/06		

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	32
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				

DRAINAGE STRUCTURE SCHEDULE 100 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
101		5' DIA.	TY 1, CL	650.82			646.17	646.07	105+00.00	5.28' R
102		5' DIA.	TY 1, CL	650.75			645.97	645.87	106+03.10	5.00' R

DRAINAGE STRUCTURE SCHEDULE 200 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
201		5' DIA.	TY 1, CL	650.94			645.47	645.47	109+40.00	5.00' RT
202		5' DIA.	TY 1, CL	650.53	645.37	645.37	645.37	645.37	110+34.61	5.00' RT
203		5' DIA.	TY 1, CL	651.91		645.23	645.23	645.23	111+65.00	2.14' RT
204	4' DIA.		TY 11V F&G	650.78			646.33		111+08.00	14.00' LT
205	4' DIA.		TY 11V F&G	653.81			646.43		112+72.00	14.00' RT
206	4' DIA.		TY 11V F&G	651.67	645.36		645.36	645.36	111+65.00	14.00' RT
207	4' DIA.		TY 11V F&G	650.78			645.93		111+08.00	14.00' RT
208	4' DIA.		TY 11V F&G	650.38			645.65		110+50.00	14.00' RT
209	4' DIA.		TY 1, OL	650.37	645.47			645.47	110+31.64	13.06' RT
210	4' DIA.		TY 1, OL	650.37		645.57		645.57	110+31.64	13.06' LT

DRAINAGE STRUCTURE SCHEDULE 300 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
302		4' DIA.	TY 1, CL	651.49	646.75		646.75	646.65	116+50.00	2.75' L
303		4' DIA.	TY 1, CL	648.29	643.60	643.60	643.60	643.50	119+16.47	2.75' L
304	4' DIA.		TY 11V F&G	651.26		646.88			116+50.00	14.00' L
305	4' DIA.		TY 11V F&G	648.93				644.88	118+00.00	14.00' L
306	4' DIA.		TY 11V F&G	648.26		644.28	644.28	644.28	118+60.00	14.00' L
307	4' DIA.		TY 11V F&G	648.07			644.73		119+05.00	14.00' L
308	4' DIA.		TY 11V F&G	648.06		643.72			119+16.47	14.00' L
309	4' DIA.		TY 11V F&G	653.30				648.73	114+54.00	14.00' R
310	4' DIA.		TY 11V F&G	652.22			647.41	647.41	115+86.00	14.00' R
311	4' DIA.		TY 11V F&G	649.70			645.44	645.44	117+50.00	14.00' R
312	4' DIA.		TY 11V F&G	648.59			644.69	644.69	118+25.00	14.00' R
313	4' DIA.		TY 11V F&G	648.18			644.21	644.21	118+73.00	14.00' R
314	4' DIA.		TY 11V F&G	648.07			644.60		119+05.00	14.00' R
315	4' DIA.		TY 11V F&G	648.06	643.78				119+16.47	14.00' R
316		4' DIA.	TY 1, CL	648.38	644.10	644.10	644.02	644.02	118+73.00	2.75' L

**LEGEND**  
 TY 1, CL TYPE 1 FRAME WITH CLOSED LID  
 TY 1, OL TYPE 1 FRAME WITH OPEN LID  
 TY 11V F&G TYPE 11V FRAME AND GRATE

DRAINAGE STRUCTURE SCHEDULE 400 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
401		4' DIA.	TY 1, CL	648.88		643.20	643.13	642.85	120+36.70	2.75' L
402		4' DIA.	TY 1, CL	647.97			642.14	642.04	122+15.00	2.75' L
403	4' DIA.		TY 11V F&G	643.74				640.23	124+00.00	14.00' L
404	4' DIA.		TY 11V F&G	648.65	643.38				120+36.70	14.00' R
405	4' DIA.		TY 11V F&G	645.09				641.04	123+35.00	14.00' R
406	4' DIA.		TY 11V F&G	644.04			640.62	640.62	123+81.00	14.00' R
407	4' DIA.		TY 11V F&G	643.39			640.20	640.20	124+33.00	14.00' R

DRAINAGE STRUCTURE SCHEDULE 500 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
501		4' DIA.	TY 1, CL	643.48	640.02	640.02	640.02	640.02	124+65.00	2.75' L
502		4' DIA.	TY 1, CL	642.92	639.41	639.41	639.41	639.41	126+55.01	2.75' L
503		EXIST.	TY 1, CL	643.62			639.33	639.33	127+34.84	0'
504	4' DIA.		TY 11V F&G	643.31			640.09	640.09	124+47.00	14.00' L
505	4' DIA.		TY 11V F&G	643.09				639.97	125+17.00	14.00' L
506	4' DIA.		TY 11V F&G	642.87		639.75	639.75		125+90.00	14.00' L
507	4' DIA.		TY 11V F&G	642.69		639.46			126+55.01	14.00' L
508	4' DIA.		TY 11V F&G	642.71				639.51	126+70.00	14.00' L
509	4' DIA.		TY 11V F&G	643.26			639.69		127+30.00	14.00' L
510	4' DIA.		TY 11V F&G	644.87		639.34			128+27.00	14.00' L
511	4' DIA.		TY 11V F&G	643.25	640.07		640.07		124+65.00	14.00' R
512	4' DIA.		TY 11V F&G	643.02				639.78	125+41.00	14.00' R
513	4' DIA.		TY 11V F&G	642.87	639.73		639.73		125+90.00	14.00' R
515	4' DIA.		TY 11V F&G	642.61	639.43				126+55.01	24.73' R
516	4' DIA.		TY 11V F&G	642.71	639.55			639.55	126+70.00	14.00' R
517	4' DIA.		TY 11V F&G	642.90			639.64		127+00.00	14.00' R
518	4' DIA.		TY 11V F&G	644.96	639.28				128+38.00	14.00' R
519		4' DIA.	TY 1, CL	645.30	639.06	639.06	639.06	639.06	128+62.00	2.75' L
520		EXIST.	TY 1, CL	645.00			638.95	638.95	128+59.64	19.35' R
521		4' DIA.	TY 1, CL	643.10	639.71	639.71	639.62	639.62	125+90.00	2.75' L
522		4' DIA.	TY 1, CL	642.94	639.47	639.50	639.40	639.40	126+70.00	2.75' L

**NOTE**  
 STATION, OFFSET AND RIM ELEVATION ARE GIVEN FOR THE EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE STRUCTURE SCHEDULE  
 SHEET 1 OF 2  
 SCALE: VERT. 4/6/06  
 HORIZ. DATE  
 DRAWN BY: MJK  
 CHECKED BY: BDC

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	33
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				

DRAINAGE STRUCTURE SCHEDULE 600 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
601		5' DIA.	TY 1, CL	644.79	639.23	639.23	639.20	639.20	130+30.00	2.75' L
602		5' DIA.	TY 1, CL	643.83	639.54	639.54	639.45	639.45	133+40.99	2.75' L
603	4' DIA.		TY 11V F&G	644.56		639.36			130+30.00	14.00' L
604	4' DIA.		TY 11V F&G	644.00		639.51		639.51	131+95.00	14.00' L
605	4' DIA.		TY 11V F&G	643.67			640.27		132+90.00	14.00' L
606	4' DIA.		TY 11V F&G	643.60		639.67		639.67	133+40.99	14.00' L
607	4' DIA.		TY 11V F&G	643.61			640.20	640.20	133+55.00	14.00' L
608	4' DIA.		TY 11V F&G	643.70		639.97	639.97	639.97	134+00.00	14.00' L
609	4' DIA.		TY 11V F&G	644.75				640.44	129+76.00	14.00' R
610	4' DIA.		TY 11V F&G	644.45	639.59		639.59	639.59	130+61.00	14.00' R
611	4' DIA.		TY 11V F&G	644.17			640.06		131+44.00	14.00' R
612	4' DIA.		TY 11V F&G	643.95	639.43			639.43	132+09.00	14.00' R
613	4' DIA.		TY 11V F&G	643.74			639.92		132+70.00	14.00' R
614	4' DIA.		TY 11V F&G	643.57				640.32	133+07.00	41.59' RT
615	4' DIA.		TY 1, OL	643.60	639.69	639.69		639.69	133+40.99	14.00' R
616	4' DIA.		TY 11V F&G	643.47	639.97		639.97		133+44.00	41.59' RT
617	4' DIA.		TY 11V F&G	643.67	640.08		640.18	640.18	133+90.00	14.00' R
618	4' DIA.		TY 11V F&G	643.83			640.56	640.56	134+44.00	14.00' R
619		5' DIA.	TY 1, CL	644.23	639.33	639.33	639.33	639.33	131+95.00	2.75' L
620		5' DIA.	TY 1, CL	643.90	639.89	639.90	639.49	639.49	133+90.00	2.75' L

DRAINAGE STRUCTURE SCHEDULE 800 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
801		4' DIA.	TY 1, CL	646.59	640.96	640.96	640.96	640.96	142+87.00	2.75' L
802	4' DIA.		TY 11V F&G	645.54			641.32	641.32	140+15.00	14.00' L
803	4' DIA.		TY 11V F&G	645.80		641.90		642.00	141+00.00	14.00' L
804	4' DIA.		TY 11V F&G	645.92			642.33	642.33	141+41.00	14.00' L
805	4' DIA.		TY 11V F&G	646.16			642.65		142+21.00	14.00' L
806	4' DIA.		TY 11V F&G	646.40		641.14		641.14	142+99.00	14.00' L
807	4' DIA.		TY 11V F&G	646.62			641.90	641.90	143+75.00	14.00' L
808	4' DIA.		TY 11V F&G	646.85			642.65		144+50.00	14.00' L
809	4' DIA.		TY 11V F&G	645.44			641.02	641.02	139+80.00	14.00' R
810	4' DIA.		TY 11V F&G	645.66			641.52	641.52	140+53.00	14.00' R
811	4' DIA.		TY 11V F&G	645.88	641.98			642.08	141+26.00	14.00' R
812	4' DIA.		TY 11V F&G	646.12			642.64		142+06.00	14.00' R
813	4' DIA.		TY 11V F&G	646.36	641.14			641.14	142+87.00	14.00' R
814	4' DIA.		TY 11V F&G	646.58			641.88	642.80	143+61.00	14.00' R
815	4' DIA.		TY 11V F&G	646.82			643.60		144+41.00	14.00' R
816		6' DIA.	TY 1, CL	645.83	640.53		640.53	640.53	140+34.00	2.75' L
817		4' DIA.	TY 1, CL	646.03	641.80	641.76	640.64	640.64	141+00.00	2.75' L

DRAINAGE STRUCTURE SCHEDULE 700 SERIES										
STRUCTURE NUMBER	STRUCTURE TYPE			RIM ELEVATION	INVERT ELEVATIONS				STATION	OFFSET
	CATCH BASIN TYPE A	MANHOLE TYPE A	FRAME AND GRATE		NORTH	SOUTH	WEST	EAST		
701		5' DIA.	TY 1, CL	644.51	639.65	639.65	639.65	639.65	135+95.00	2.75' L
702		5' DIA.	TY 1, CL	645.49	640.24	640.24	640.24	640.34	139+20.00	2.75' L
703	4' DIA.		TY 11V F&G	643.97			640.42		134+90.00	14.00' L
704	4' DIA.		TY 11V F&G	644.29		639.78		639.78	135+98.00	14.00' L
705	4' DIA.		TY 11V F&G	644.61			641.64	641.64	137+05.00	14.00' L
706	4' DIA.		TY 11V F&G	644.94			641.45		138+13.00	14.00' L
707	4' DIA.		TY 11V F&G	645.26		640.37		640.37	139+20.00	14.00' L
708	4' DIA.		TY 11V F&G	644.07			640.88		135+23.00	14.00' R
709	4' DIA.		TY 11V F&G	644.28	639.83			639.83	135+95.00	14.00' R
710	4' DIA.		TY 11V F&G	644.52			640.39	640.39	136+75.00	14.00' R
711	4' DIA.		TY 11V F&G	644.76			640.95	640.95	137+55.00	14.00' R
712	4' DIA.		TY 11V F&G	645.00			641.51		138+35.00	14.00' R
713	4' DIA.		TY 11V F&G	645.26	640.42			640.42	139+20.00	14.00' R

**LEGEND**

- TY 1,CL TYPE 1 FRAME WITH CLOSED LID
- TY 1, OL TYPE 1 FRAME WITH OPEN LID
- TY 11V F&G TYPE 11V FRAME AND GRATE

**NOTE**  
STATION, OFFSET AND RIM ELEVATION ARE GIVEN FOR THE EDGE OF PAVEMENT.

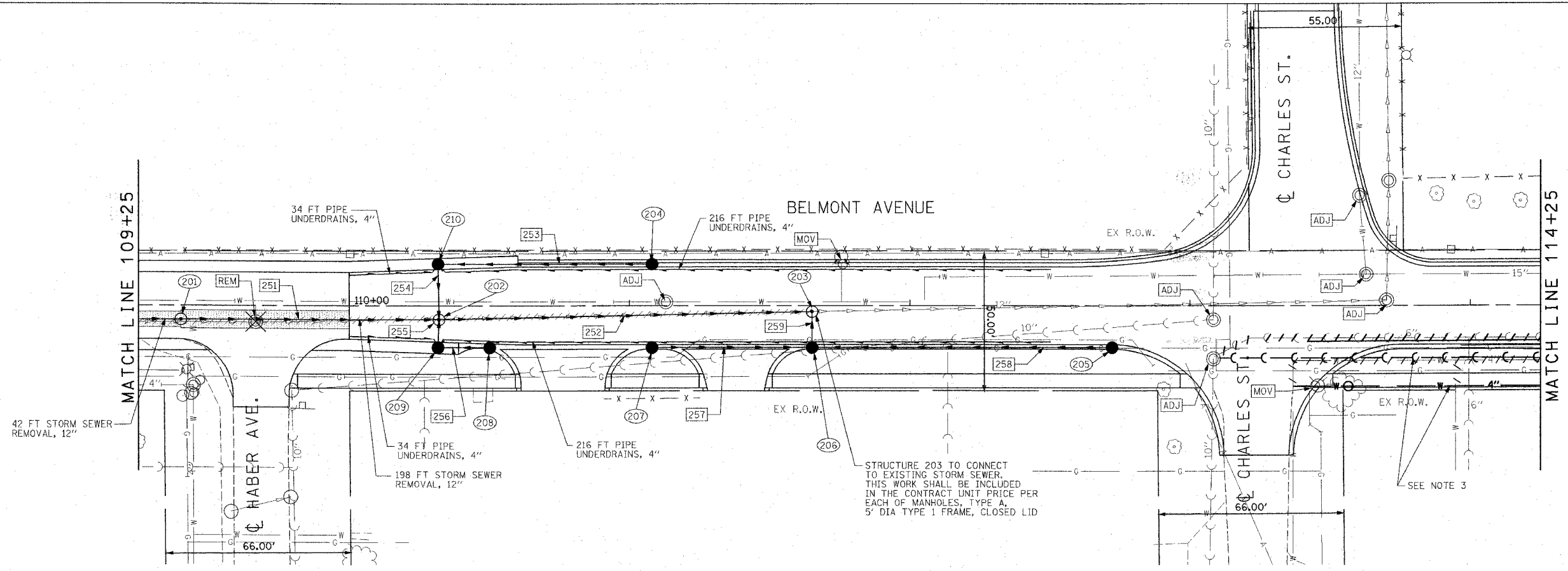
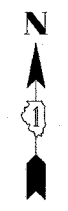
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
DRAINAGE STRUCTURE SCHEDULE  
SHEET 2 OF 2  
  
SCALE: VERT.  
HORIZ.  
DATE 4/6/06  
  
DRAWN BY MJK  
CHECKED BY BDC

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F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	35
STA. 109+25		TO STA. 114+25		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				



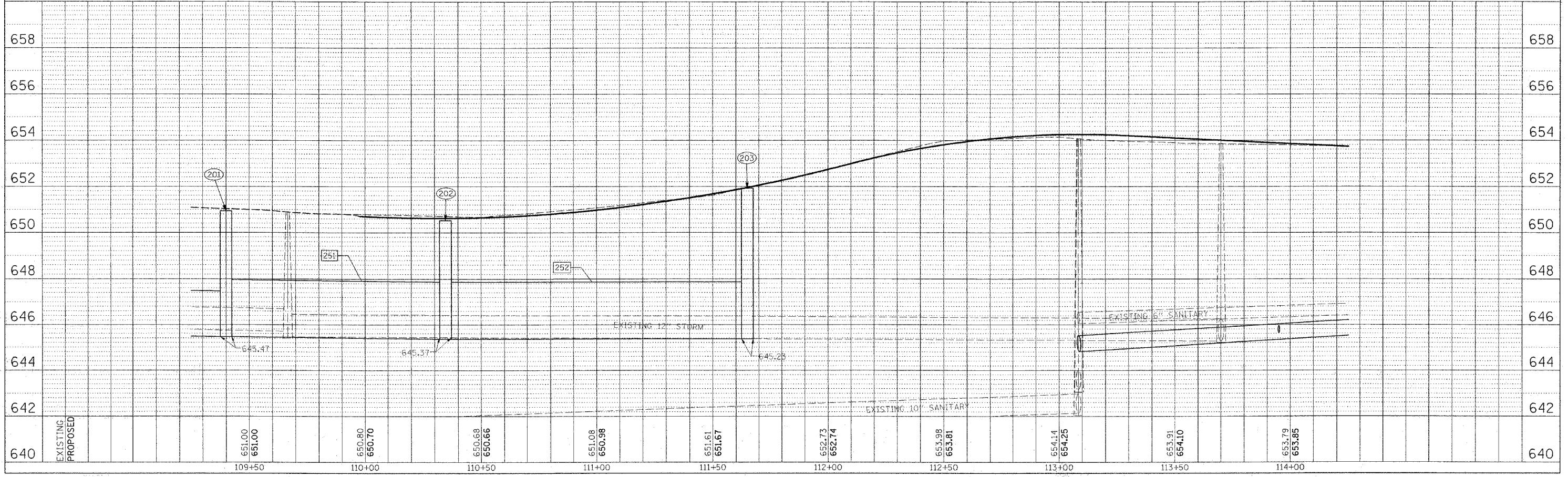
- NOTE**
- SEE SHEET 34 FOR DRAINAGE LEGEND.
  - CONTRACTOR TO CONNECT PIPE UNDERDRAINS TO CATCH BASINS AND GROUT IN PLACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
  - SEE "LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE" FOR DETAILED INFORMATION ON THE SANITARY SEWER AND WATER MAIN RELOCATIONS AND SANITARY AND WATER SERVICE ADJUSTMENTS.

**PLAN**  
SCALE: 1"=20'



PLAN	DATE
BY	
REVISION	
NO.	

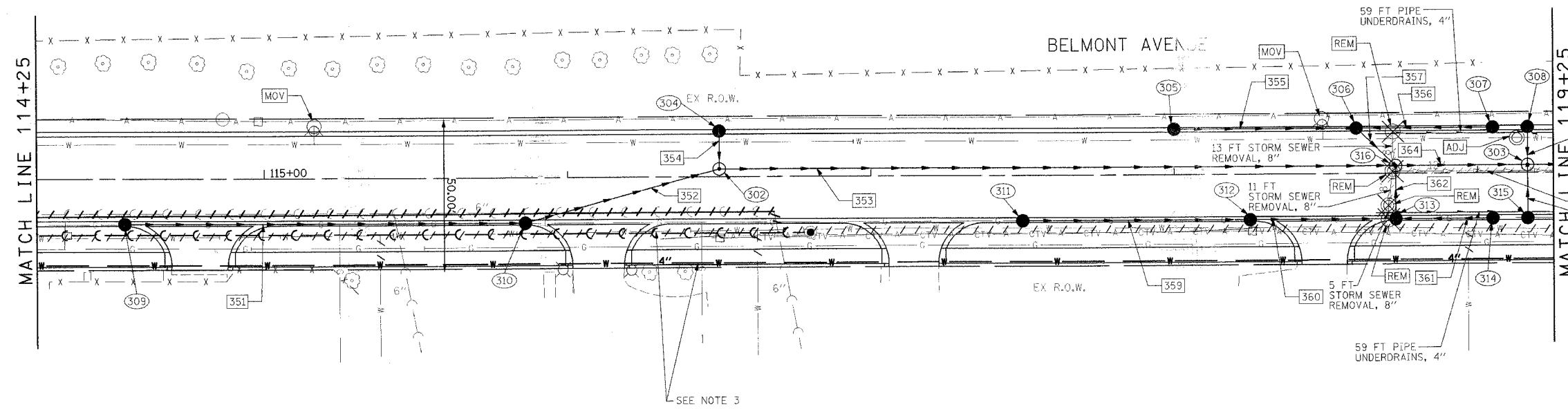
PROFILE	DATE
BY	
REVISION	
NO.	



**DRAINAGE PLAN AND PROFILE STA. 109+25 TO STA. 114+25**

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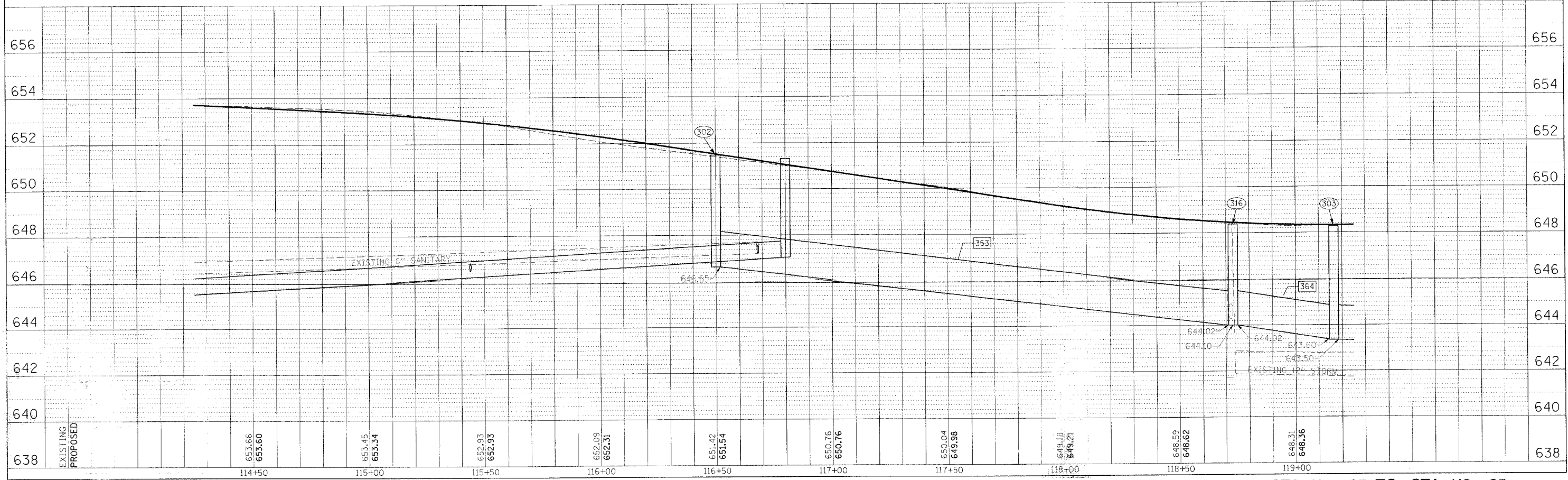
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373 00-00058-00-RS		COOK	113	36
STA. 114+25		TO STA. 119+25		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT No: 83861				



- NOTE
1. SEE SHEET 34 FOR DRAINAGE LEGEND.
  2. CONTRACTOR TO CONNECT PIPE UNDERDRAINS TO CATCH BASINS AND GROUT IN PLACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
  3. SEE "LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE" FOR DETAILED INFORMATION ON THE SANITARY SEWER AND WATER MAIN RELOCATIONS AND SANITARY AND WATER SERVICE ADJUSTMENTS.

**PLAN**

SCALE: 1"=20'



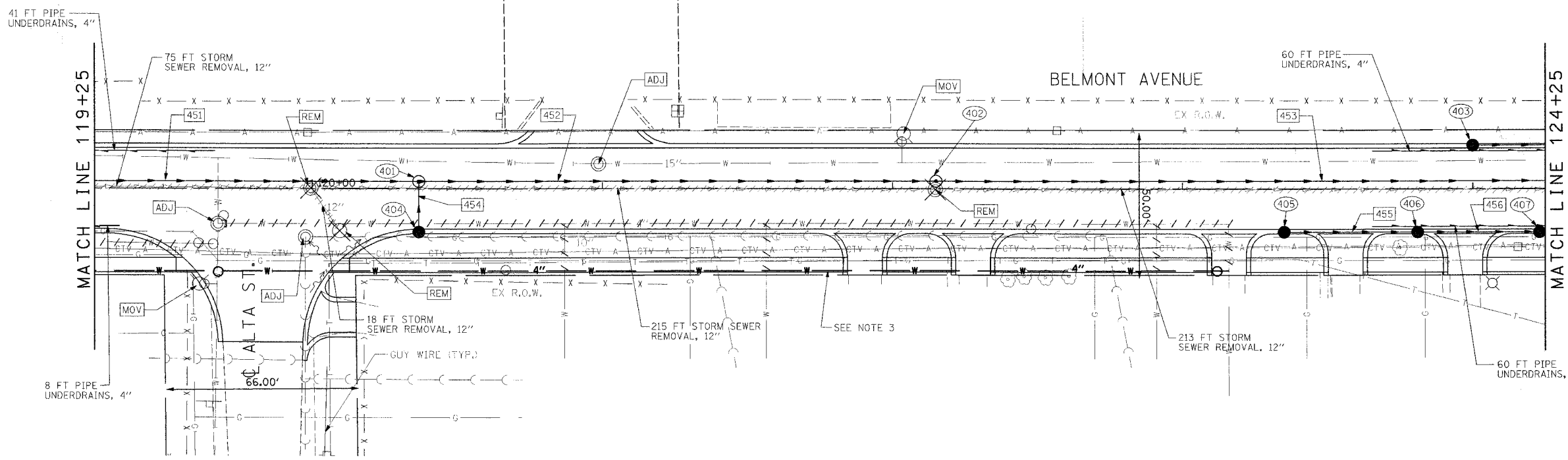
**DRAINAGE PLAN AND PROFILE STA. 114+25 TO STA. 119+25**

PLAN	DATE
DESIGNED	
CHECKED	
NOTED	
DATE	

BY	DATE
DESIGNED	
CHECKED	
NOTED	
DATE	

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11:57 AM

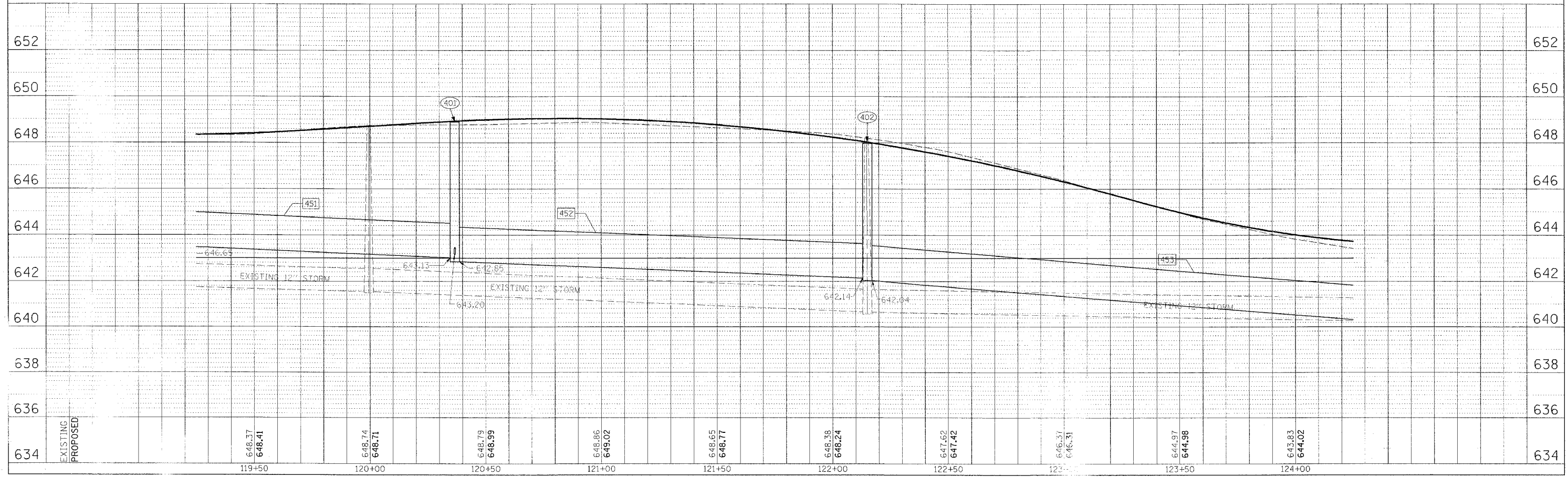
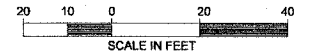
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	37
STA. 119+25		TO STA. 124+25		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



- NOTE
- SEE SHEET 34 FOR DRAINAGE LEGEND.
  - CONTRACTOR TO CONNECT PIPE UNDERDRAINS TO CATCH BASINS AND GROUT IN PLACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
  - SEE "LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE" FOR DETAILED INFORMATION ON THE SANITARY SEWER AND WATER MAIN RELOCATIONS AND SANITARY AND WATER SERVICE ADJUSTMENTS.

**PLAN**

SCALE: 1"=20'



DRAINAGE PLAN AND PROFILE STA. 119+25 TO STA. 124+25

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

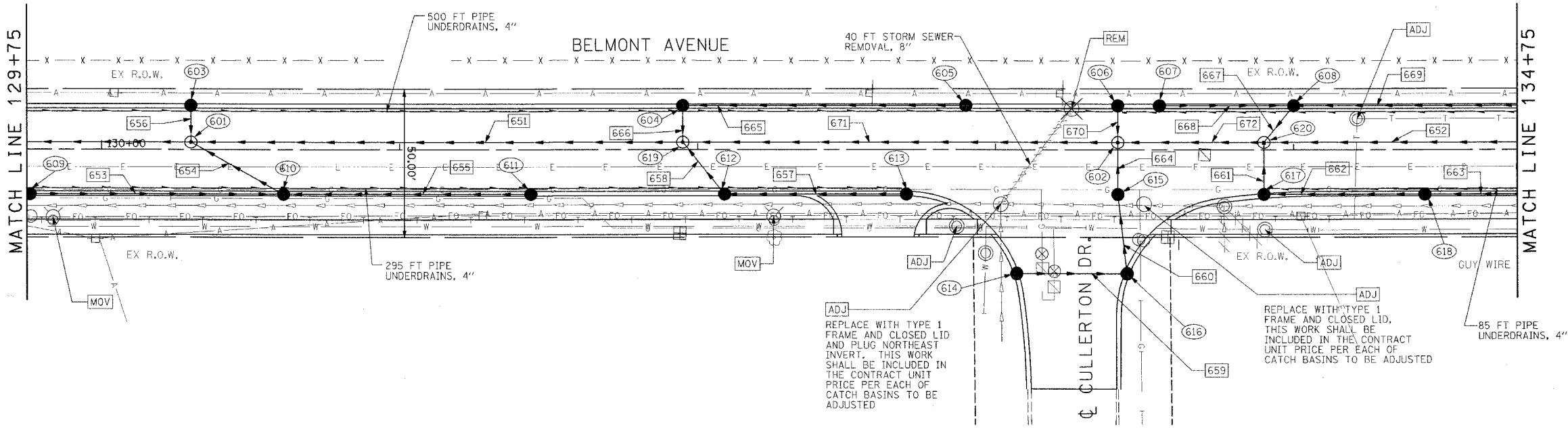
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	39
STA. 129+75		TO STA. 134+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



PLAN	REVISION	DATE
NO.	NO.	
BY	BY	DATE
DATE	DATE	DATE



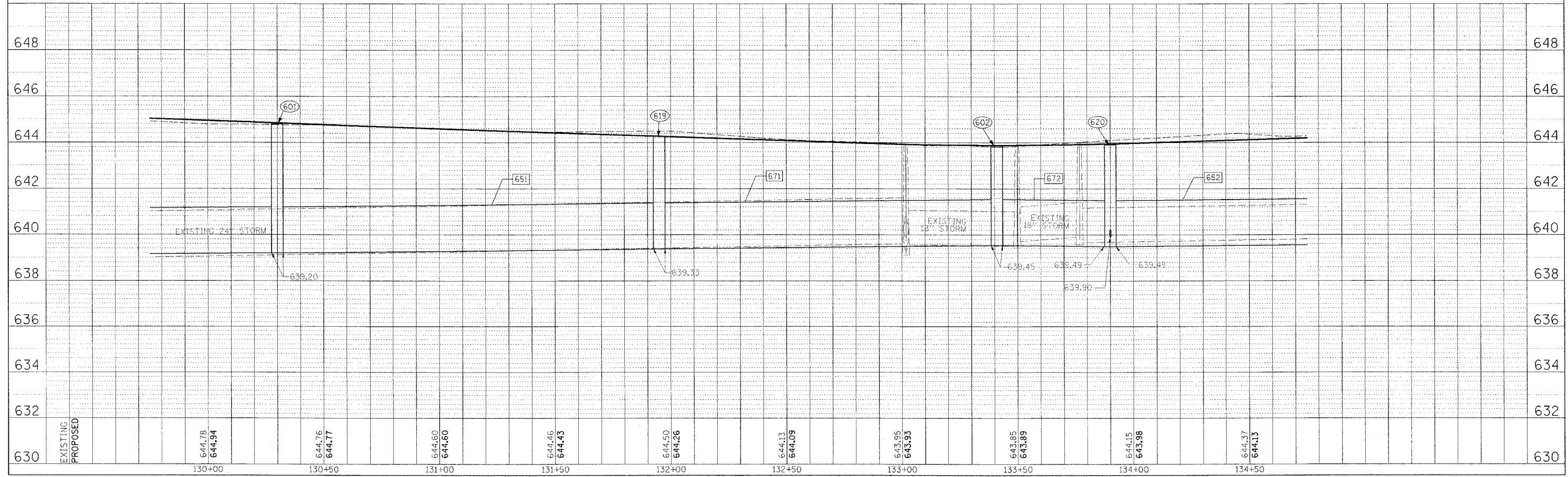
- NOTE
- SEE SHEET 34 FOR DRAINAGE LEGEND.
  - CONTRACTOR TO CONNECT PIPE UNDERDRAINS TO CATCH BASINS AND GROUT IN PLACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
  - SEE "LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE" FOR DETAILED INFORMATION ON THE SANITARY SEWER AND WATER MAIN RELOCATIONS AND SANITARY AND WATER SERVICE ADJUSTMENTS.

**PLAN**

SCALE: 1"=20'



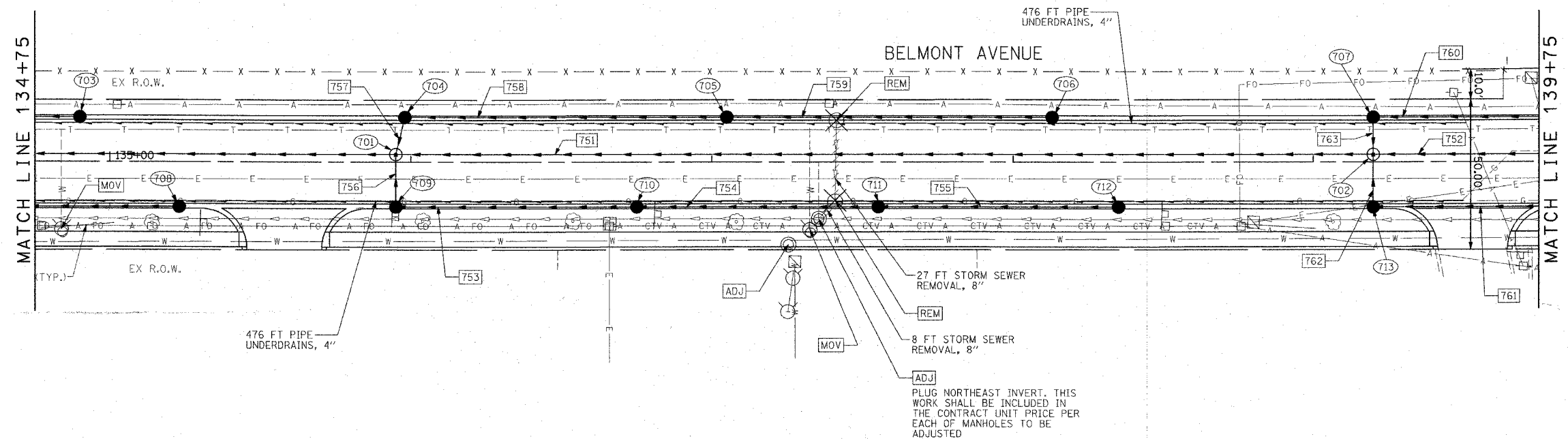
PROFILE	REVISION	DATE
NO.	NO.	
BY	BY	DATE
DATE	DATE	DATE



DRAINAGE PLAN AND PROFILE STA. 129+75 TO STA. 134+75

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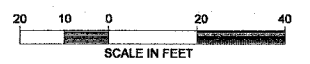
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	40
STA. 134+75		TO STA. 139+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				



- NOTE
- SEE SHEET 34 FOR DRAINAGE LEGEND.
  - CONTRACTOR TO CONNECT PIPE UNDERDRAINS TO CATCH BASINS AND GROUT IN PLACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
  - SEE "LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE" FOR DETAILED INFORMATION ON THE SANITARY SEWER AND WATER MAIN RELOCATIONS AND SANITARY AND WATER SERVICE ADJUSTMENTS.

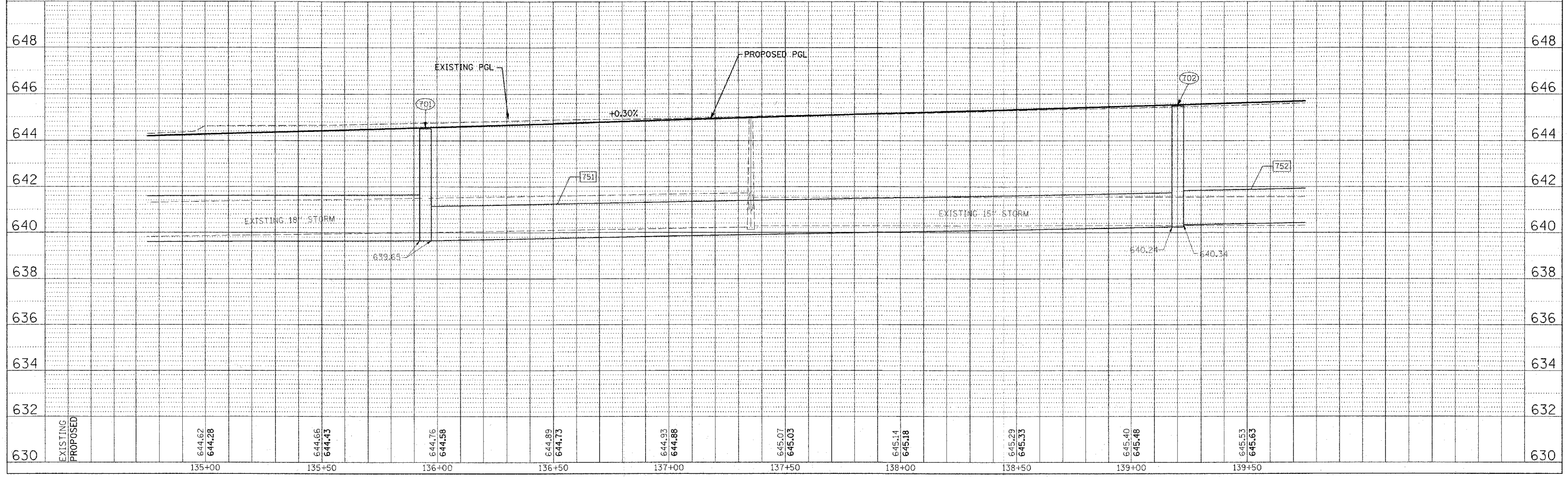
**PLAN**

SCALE: 1"=20'



DATE	
BY	
REVISION	
NO.	
PLAN	
NO.	
NOTE BOOK	
NO.	
ALIGNED CHECKED	
DATE	
FILE NAME	

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BY	
REVISION	
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PROFILE	
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GRADES CHECKED	
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STRUCTURE	
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CHIEF	

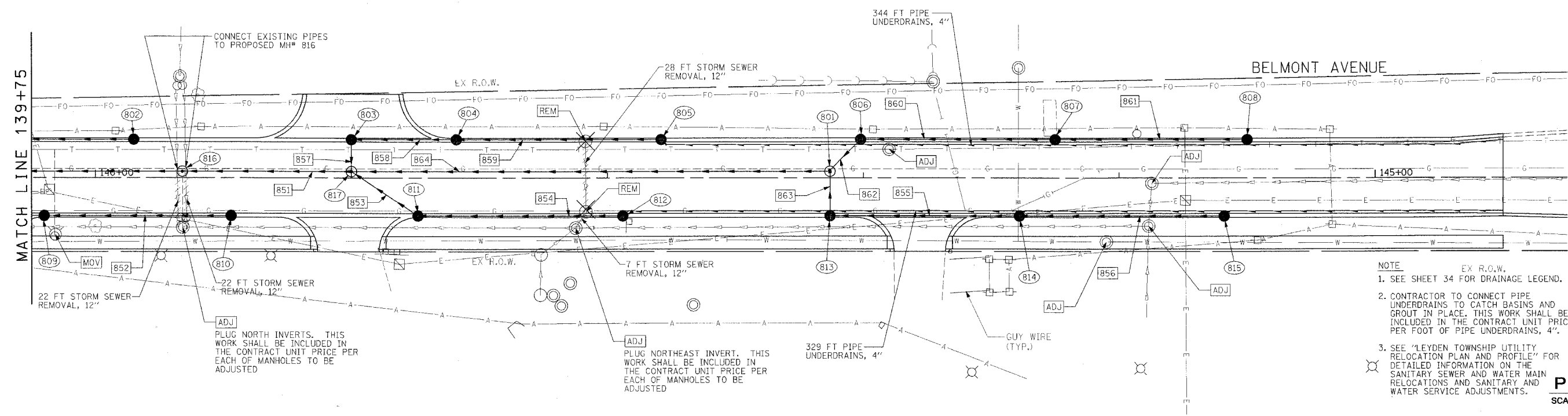
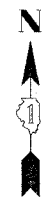


DRAINAGE PLAN AND PROFILE STA. 134+75 TO STA. 139+75

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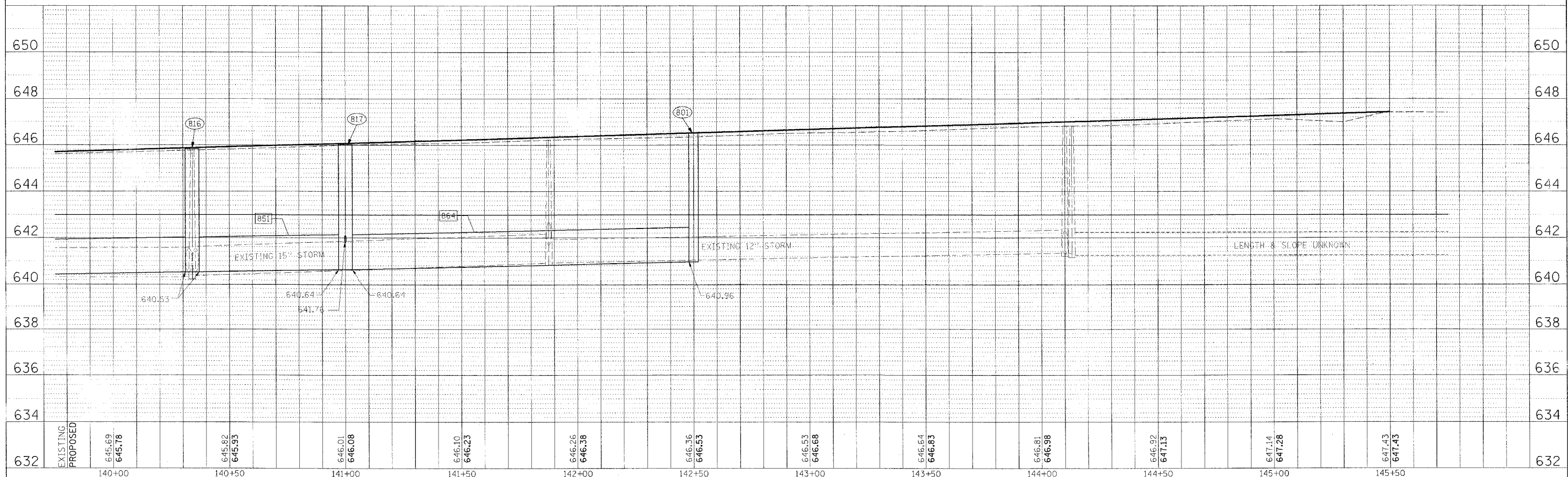
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-0058-00-RS	COOK	113	41
STA. 139+75		TO STA. 145+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.		B3961		



- NOTE EX R.O.W.
- SEE SHEET 34 FOR DRAINAGE LEGEND.
  - CONTRACTOR TO CONNECT PIPE UNDERDRAINS TO CATCH BASINS AND GROUT IN PLACE. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
  - SEE "LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE" FOR DETAILED INFORMATION ON THE SANITARY SEWER AND WATER MAIN RELOCATIONS AND SANITARY AND WATER SERVICE ADJUSTMENTS.

**PLAN**

SCALE: 1"=20'



DRAINAGE PLAN AND PROFILE STA. 139+75 TO STA. 145+75

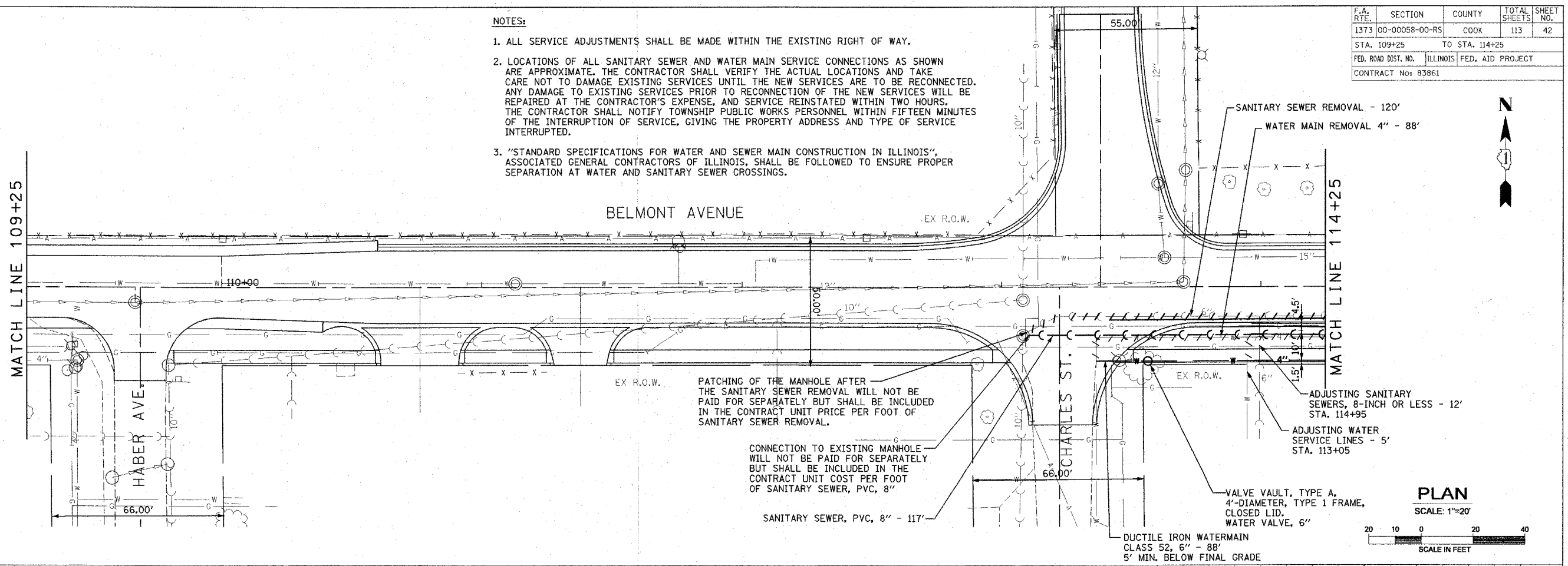
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 SHEET NO.: \_\_\_\_\_

DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
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 SHEET NO.: \_\_\_\_\_

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	42
STA. 109+25		TO STA. 114+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83961				

- NOTES:**
1. ALL SERVICE ADJUSTMENTS SHALL BE MADE WITHIN THE EXISTING RIGHT OF WAY.
  2. LOCATIONS OF ALL SANITARY SEWER AND WATER MAIN SERVICE CONNECTIONS AS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS AND TAKE CARE NOT TO DAMAGE EXISTING SERVICES UNTIL THE NEW SERVICES ARE TO BE RECONNECTED. ANY DAMAGE TO EXISTING SERVICES PRIOR TO RECONNECTION OF THE NEW SERVICES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND SERVICE REINSTATED WITHIN TWO HOURS. THE CONTRACTOR SHALL NOTIFY TOWNSHIP PUBLIC WORKS PERSONNEL WITHIN FIFTEEN MINUTES OF THE INTERRUPTION OF SERVICE, GIVING THE PROPERTY ADDRESS AND TYPE OF SERVICE INTERRUPTED.
  3. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", ASSOCIATED GENERAL CONTRACTORS OF ILLINOIS, SHALL BE FOLLOWED TO ENSURE PROPER SEPARATION AT WATER AND SANITARY SEWER CROSSINGS.



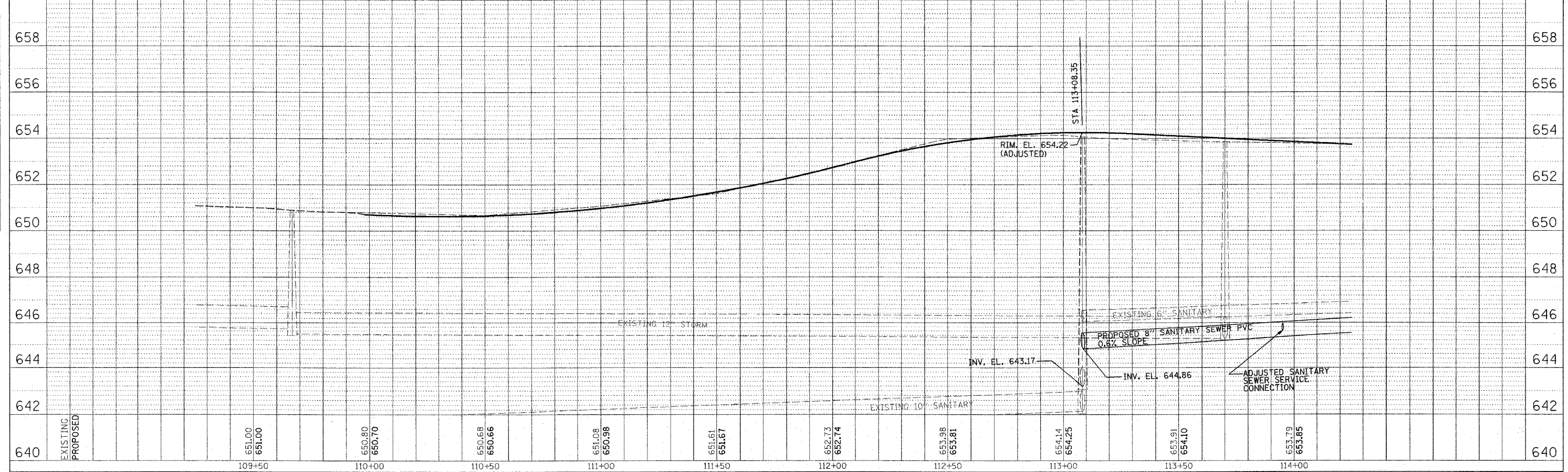
**PLAN**

SCALE: 1"=20'



DATE	BY

DATE	BY



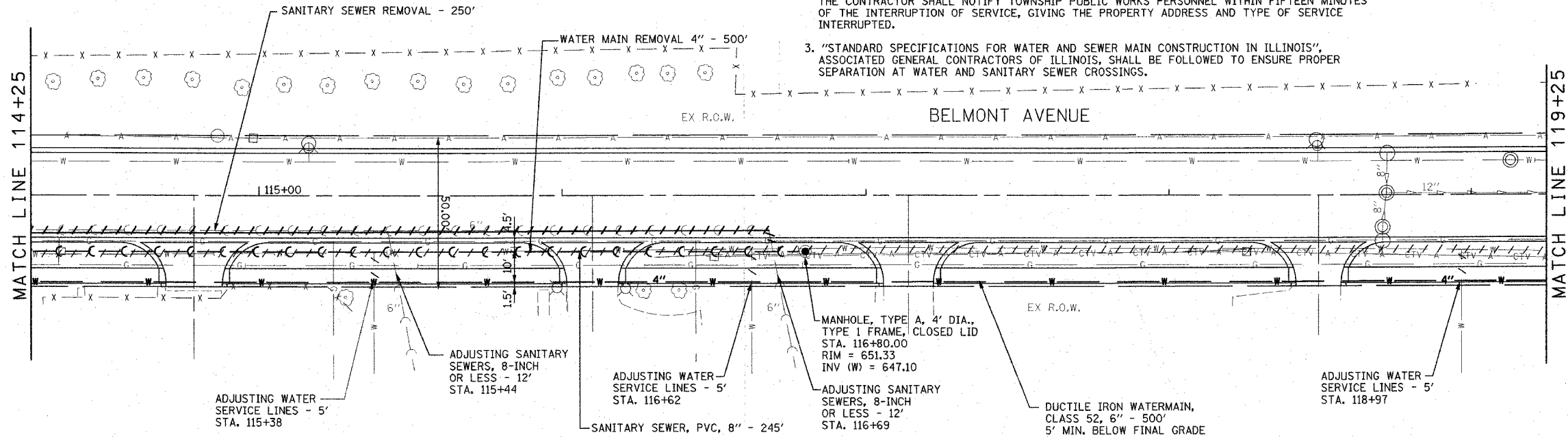
LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE STA. 109+25 TO STA. 114+25

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	43
STA. 114+25		TO STA. 119+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT.		
CONTRACT No: 83861				

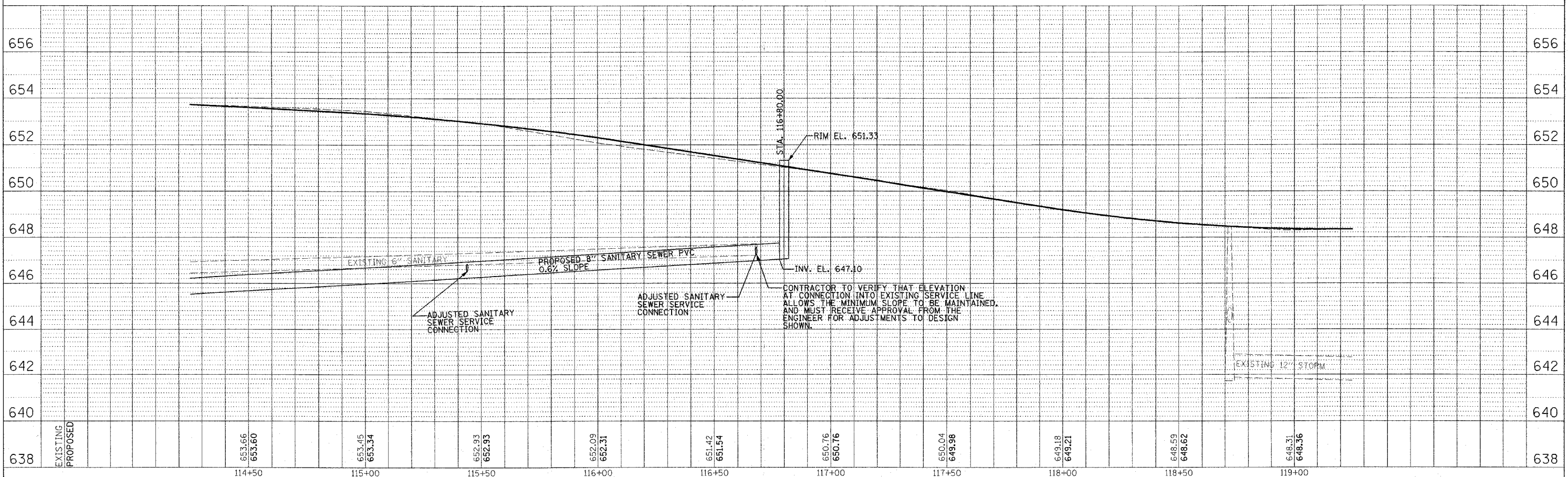
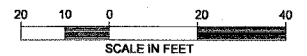
**NOTES:**

1. ALL SERVICE ADJUSTMENTS SHALL BE MADE WITHIN THE EXISTING RIGHT OF WAY.
2. LOCATIONS OF ALL SANITARY SEWER AND WATER MAIN SERVICE CONNECTIONS AS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS AND TAKE CARE NOT TO DAMAGE EXISTING SERVICES UNTIL THE NEW SERVICES ARE TO BE RECONNECTED. ANY DAMAGE TO EXISTING SERVICES PRIOR TO RECONNECTION OF THE NEW SERVICES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND SERVICE REINSTATED WITHIN TWO HOURS. THE CONTRACTOR SHALL NOTIFY TOWNSHIP PUBLIC WORKS PERSONNEL WITHIN FIFTEEN MINUTES OF THE INTERRUPTION OF SERVICE, GIVING THE PROPERTY ADDRESS AND TYPE OF SERVICE INTERRUPTED.
3. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", ASSOCIATED GENERAL CONTRACTORS OF ILLINOIS, SHALL BE FOLLOWED TO ENSURE PROPER SEPARATION AT WATER AND SANITARY SEWER CROSSINGS.



**PLAN**

SCALE: 1"=20'



**LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE STA. 114+25 TO STA. 119+25**

PLAN	DATE
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DATE	
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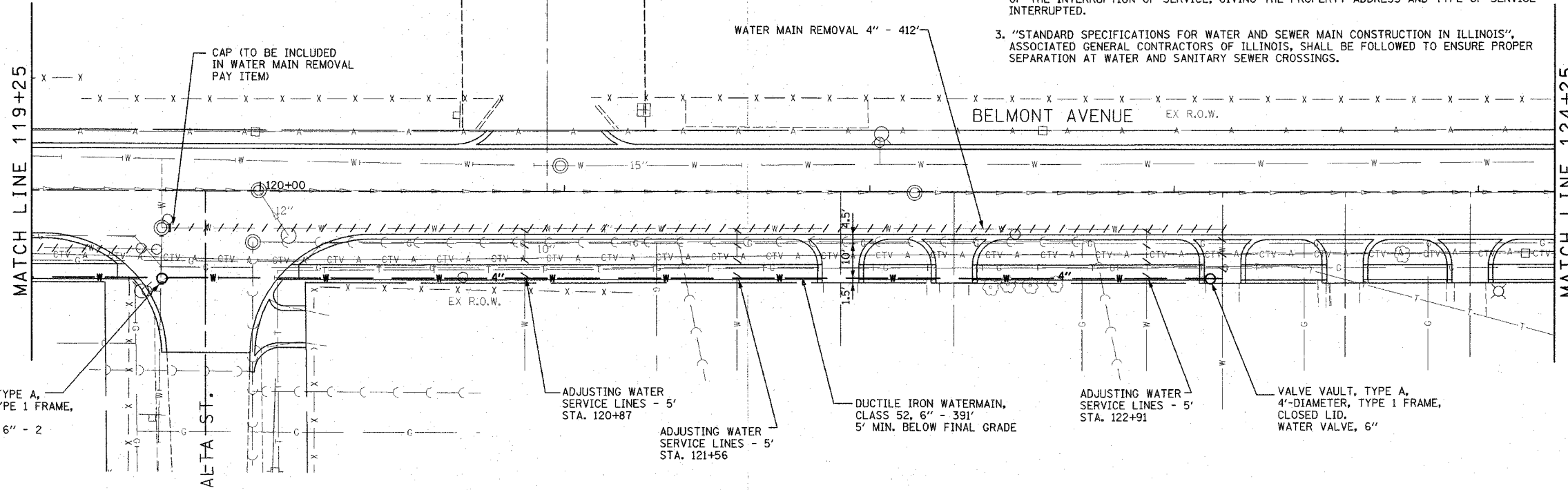
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	44
STA. 119+25		TO STA. 124+25		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				

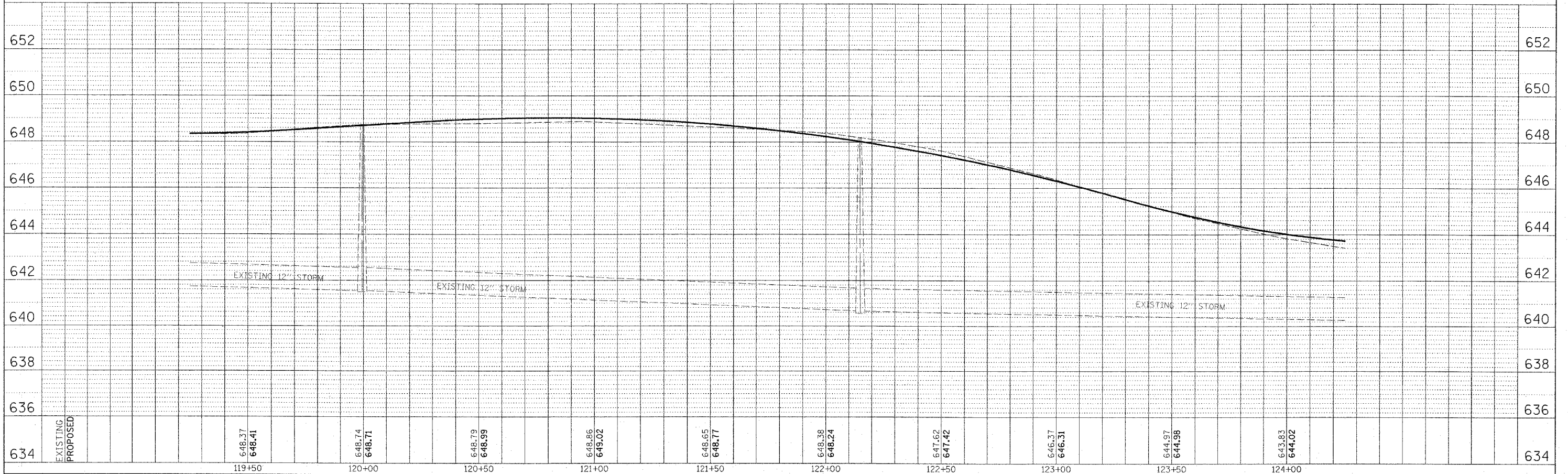
NOTES:

- ALL SERVICE ADJUSTMENTS SHALL BE MADE WITHIN THE EXISTING RIGHT OF WAY.
- LOCATIONS OF ALL SANITARY SEWER AND WATER MAIN SERVICE CONNECTIONS AS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS AND TAKE CARE NOT TO DAMAGE EXISTING SERVICES UNTIL THE NEW SERVICES ARE TO BE RECONNECTED. ANY DAMAGE TO EXISTING SERVICES PRIOR TO RECONNECTION OF THE NEW SERVICES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND SERVICE REINSTATED WITHIN TWO HOURS. THE CONTRACTOR SHALL NOTIFY TOWNSHIP PUBLIC WORKS PERSONNEL WITHIN FIFTEEN MINUTES OF THE INTERRUPTION OF SERVICE, GIVING THE PROPERTY ADDRESS AND TYPE OF SERVICE INTERRUPTED.
- "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", ASSOCIATED GENERAL CONTRACTORS OF ILLINOIS, SHALL BE FOLLOWED TO ENSURE PROPER SEPARATION AT WATER AND SANITARY SEWER CROSSINGS.



PLAN

SCALE: 1"=20'



LEYDEN TOWNSHIP UTILITY RELOCATION PLAN AND PROFILE STA. 119+25 TO STA. 124+25

PLAN	DATE
BY: _____	DATE: _____
NO. _____	




PROFILE	DATE
BY: _____	DATE: _____
NO. _____	

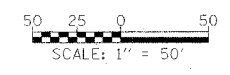
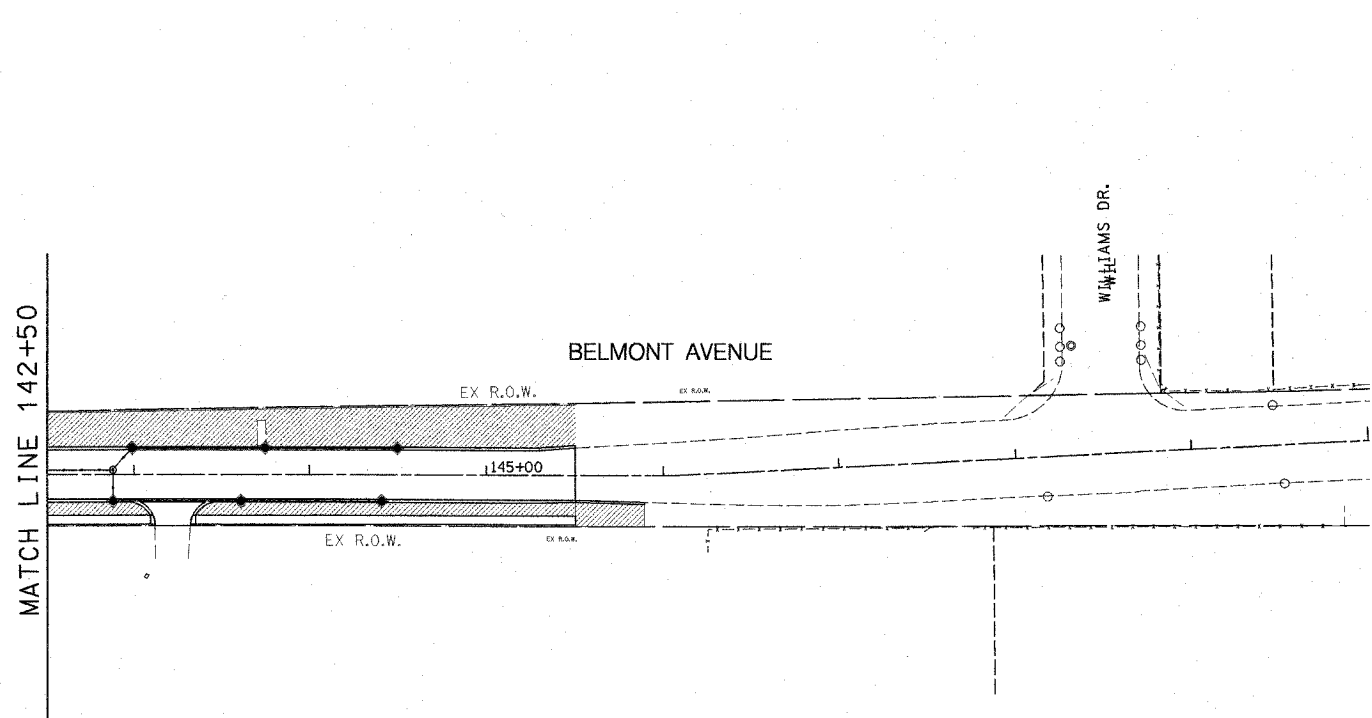
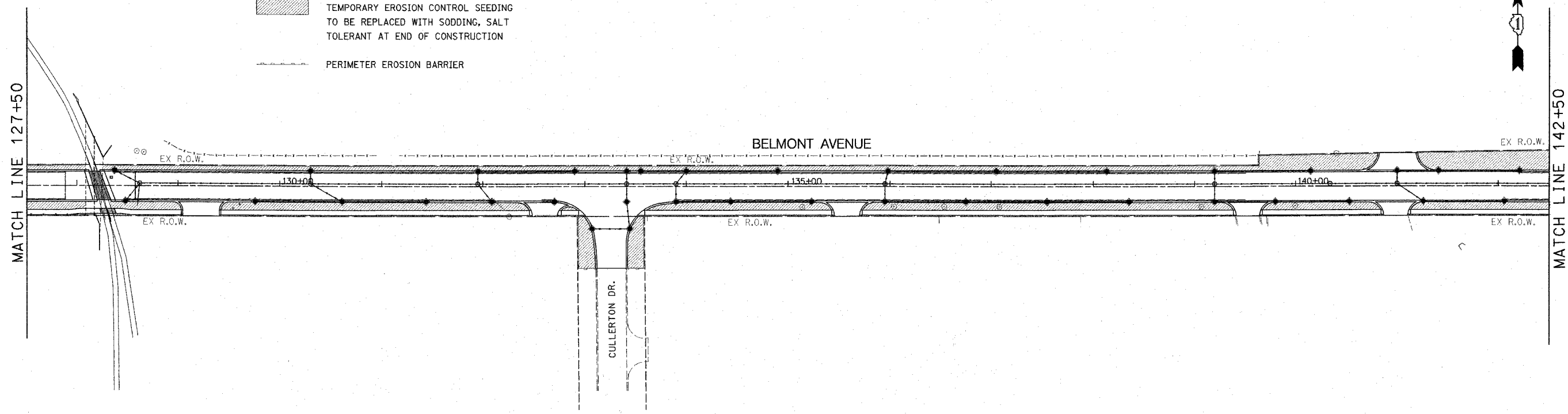
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	46
STA. 127+50.00		TO STA. 145+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				

**EROSION CONTROL LEGEND**

-  INLET FILTER
-  TEMPORARY EROSION CONTROL SEEDING TO BE REPLACED WITH SODDING, SALT TOLERANT AT END OF CONSTRUCTION
-  PERIMETER EROSION BARRIER



REVISIONS	
NAME	DATE

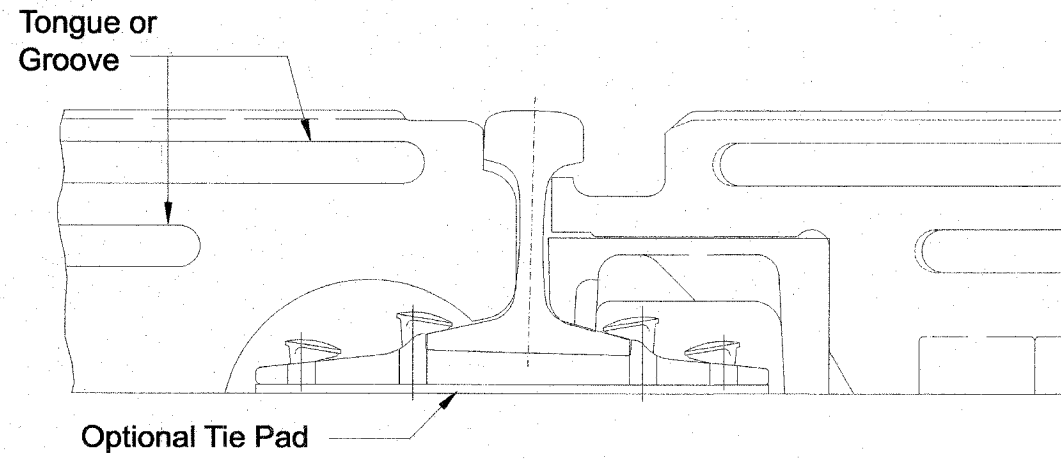
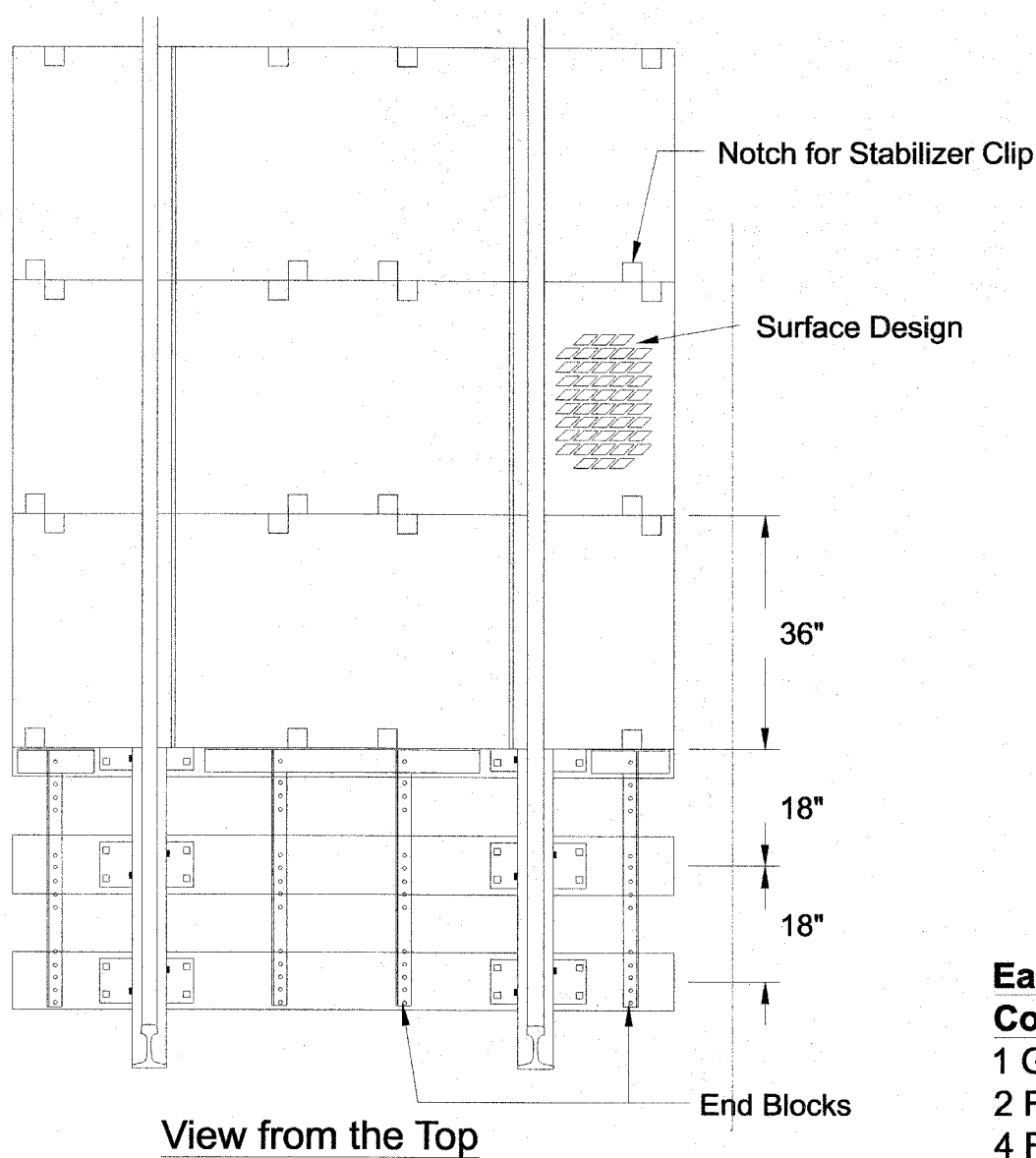
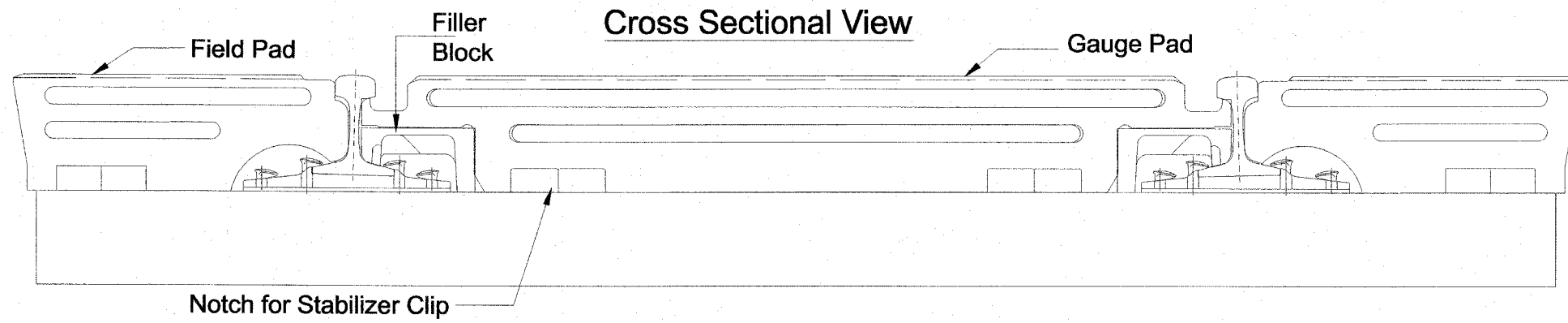
ILLINOIS DEPARTMENT OF TRANSPORTATION  
EROSION CONTROL PLAN

SCALE: VERT. 1"=50'  
HORIZ. 1"=50'  
DATE 4/6/06

DRAWN BY MJK  
CHECKED BY BDC

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	47
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT No: 83861				



**Each 3 Ft. Section Consists of:**  
 1 Gauge Pad  
 2 Field Pads  
 4 Filler Blocks

**Note: Tie are to be spaced 18" on center through the crossing.**

REVISIONS	
NAME	DATE

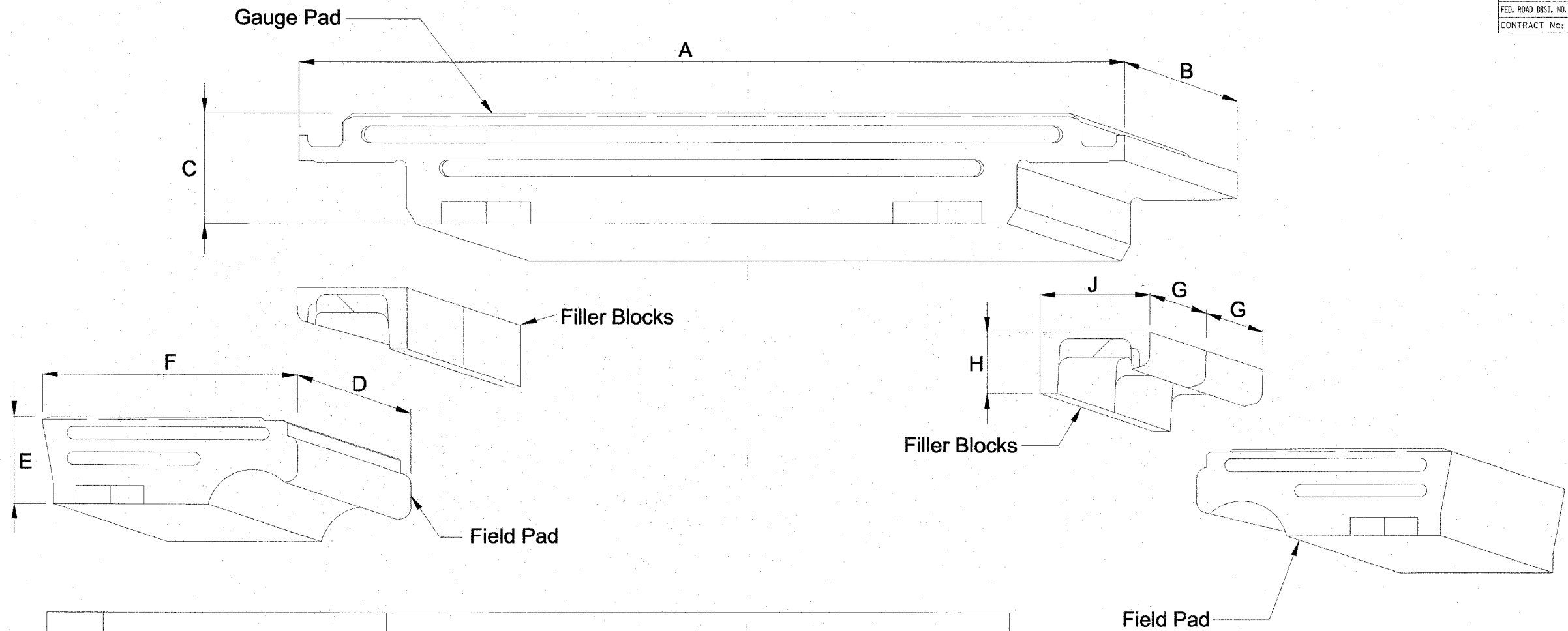
ILLINOIS DEPARTMENT OF TRANSPORTATION

RAILROAD CROSSING DETAIL

SCALE: VERT. N.T.S.  
 HORIZ. N.T.S.  
 DATE 4/6/06

DRAWN BY HIRAIL  
 CHECKED BY HIRAIL

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	48
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				



Weight of Rail	Weight (lbs)					Dimensions (in.)										
	Tie Length			Gauge Pad	Filler Block	Tie Length			E	D	A	C	B	J	H	G
	8'6"	9'0"	10'			8'6"	9'0"	10'								
	Field Pad					F	F	F								
100	204	---	---	504	6.25	22 1/2	---	---	7	36	58 1/4	7	36	7 11/16	3 1/2	18
112-122	225	270	311	555	7.75	22 1/2	25 1/4	30	7 3/4	36	58 1/4	7 3/4	36	7 11/16	4 1/4	18
131-140	238	280	326	590	10	22 1/2	25 1/4	30	8 3/16	36	58 1/4	8 3/16	36	7 11/16	4 3/4	18

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION  RAILROAD CROSSING DETAIL
NAME	DATE	
SCALE:	VERT. N.T.S.	DRAWN BY HIRAIL
DATE 4/6/06	HORIZ. N.T.S.	CHECKED BY HIRAIL

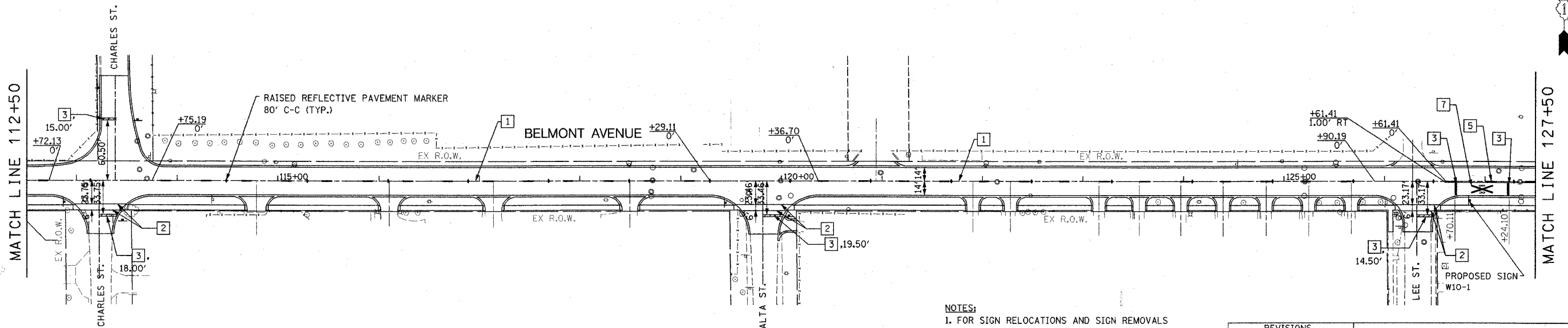
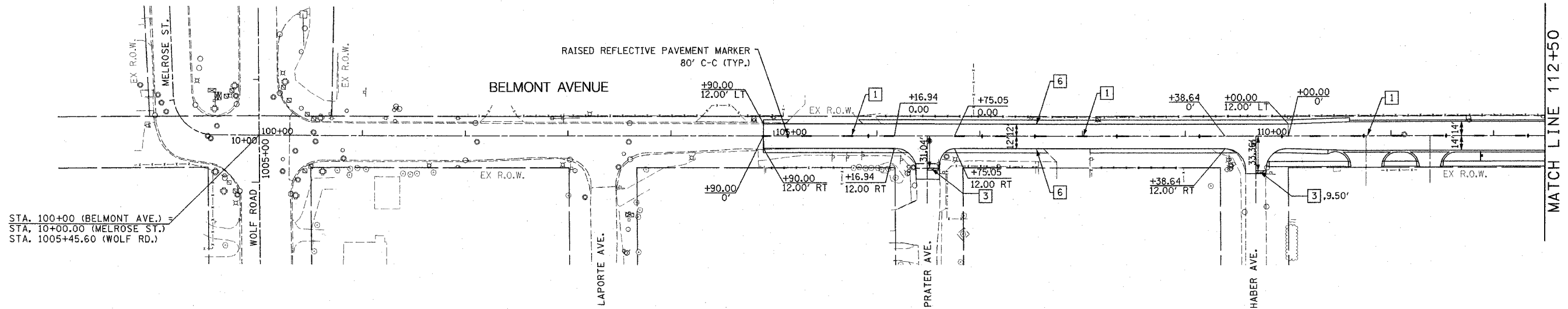
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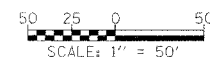
PAVEMENT MARKING LEGEND

- 1 4" YELLOW SKIP-DASH (30' SKIP, 10' DASH) (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
- 2 6" SOLID WHITE LINE (THERMOPLASTIC PAVEMENT MARKING - LINE 6")
- 3 24" WHITE STOP BAR (THERMOPLASTIC PAVEMENT MARKING - LINE 24")
- 4 4" DOUBLE YELLOW LINE (11" C-C) (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
- 5 4" SOLID YELLOW LINE (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
- 6 4" SOLID WHITE LINE (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
- 7 16" SOLID WHITE LINE FOR "X" AND 6' LETTERS FOR "RR" (THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	49
STA. 104+90.00 TO STA. 127+50.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT No: 83861				



NOTES:  
 1. FOR SIGN RELOCATIONS AND SIGN REMOVALS SEE DEMOLITION PLAN. ON THIS SHEET, SIGN RELOCATIONS ARE SHOWN AS PROPOSED SIGNS WITH NO FURTHER INFORMATION.



REVISIONS	
NAME	DATE

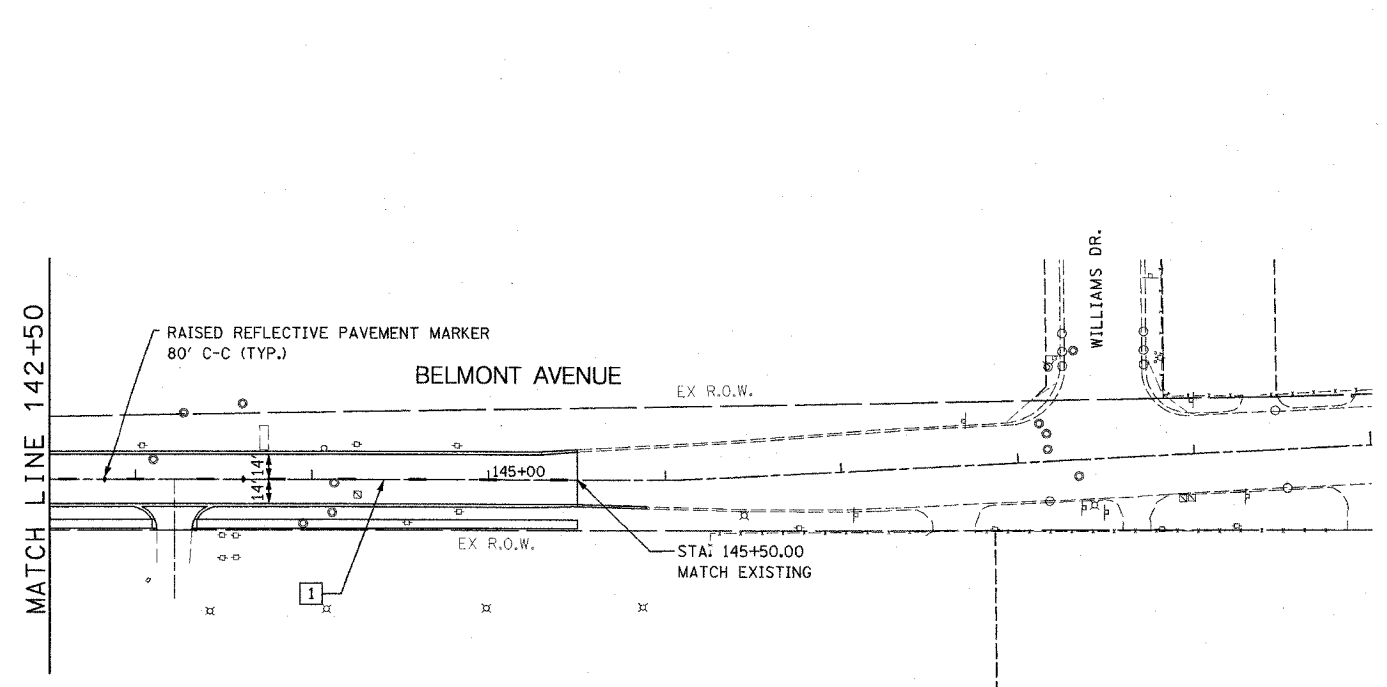
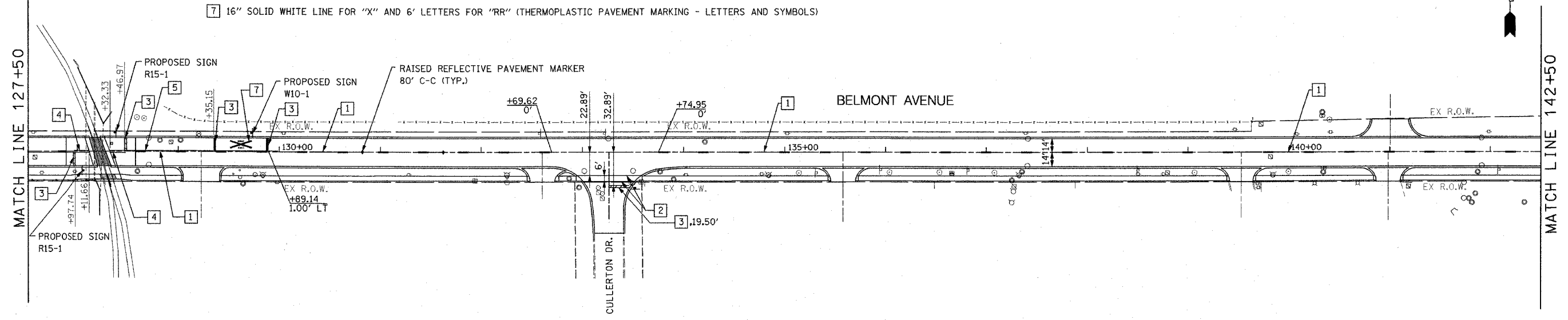
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKING AND SIGNING PLAN

SCALE: VERT. 1"=20'  
 HORIZ. 1"=50'  
 DATE 4/6/06

DRAWN BY MJK  
 CHECKED BY BDC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	50
STA. 127+50.00 TO STA. 145+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT No: 83861				

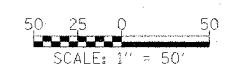
- PAVEMENT MARKING LEGEND**
- 1 4" YELLOW SKIP-DASH (30' SKIP, 10' DASH) (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
  - 2 6" SOLID WHITE LINE (THERMOPLASTIC PAVEMENT MARKING - LINE 6")
  - 3 24" WHITE STOP BAR (THERMOPLASTIC PAVEMENT MARKING - LINE 24")
  - 4 4" DOUBLE YELLOW LINE (11" C-C) (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
  - 5 4" SOLID YELLOW LINE (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
  - 6 4" SOLID WHITE LINE (THERMOPLASTIC PAVEMENT MARKING - LINE 4")
  - 7 16" SOLID WHITE LINE FOR "X" AND 6' LETTERS FOR "RR" (THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS)



**NOTES:**  
 1. FOR SIGN RELOCATIONS AND SIGN REMOVALS SEE DEMOLITION PLAN. ON THIS SHEET, SIGN RELOCATIONS ARE SHOWN AS PROPOSED SIGNS WITH NO FURTHER INFORMATION.

REVISIONS	
NAME	DATE

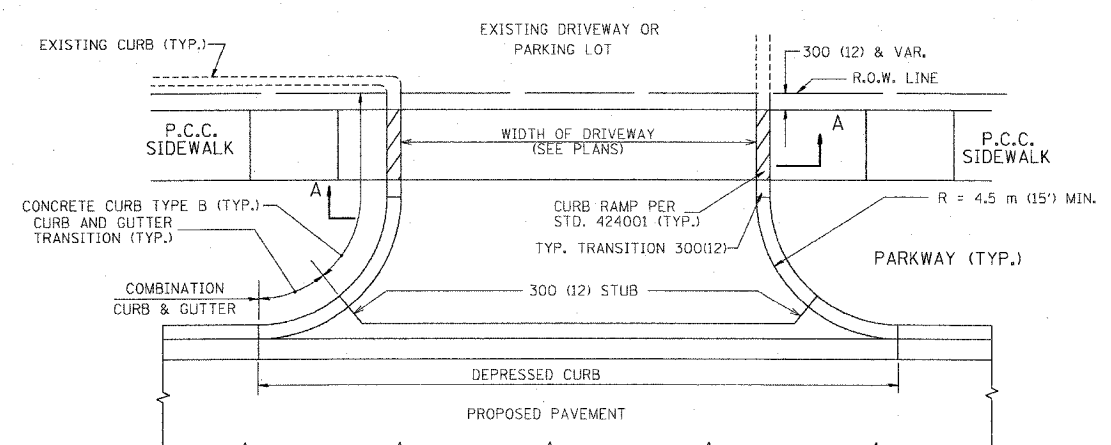
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING AND SIGNING PLAN**



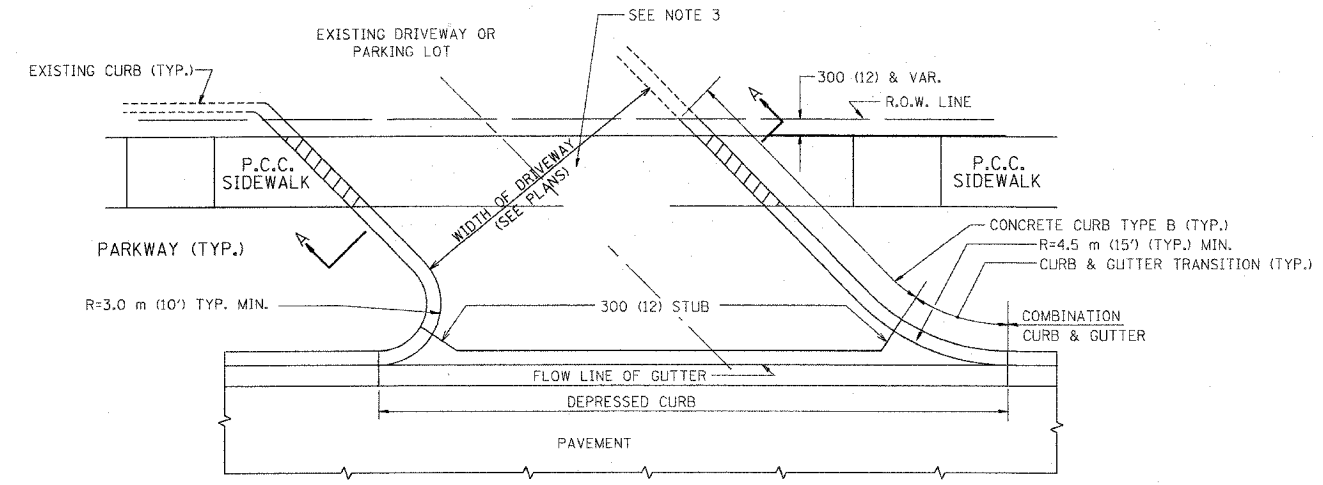
SCALE: VERT. 1"=50'  
 HORIZ. 1"=50'  
 DATE 4/6/06  
 DRAWN BY MJK  
 CHECKED BY BDC

P:\14300\plans\sheets\F14300pvp10102.dgn  
 5/24/2006  
 5:21:33 PM

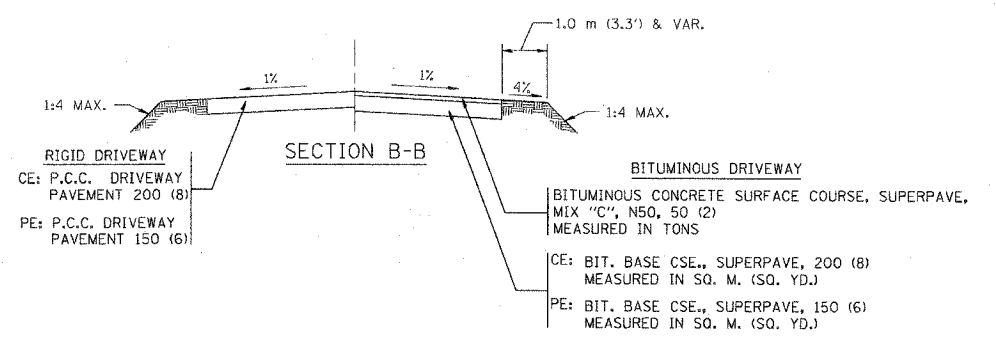
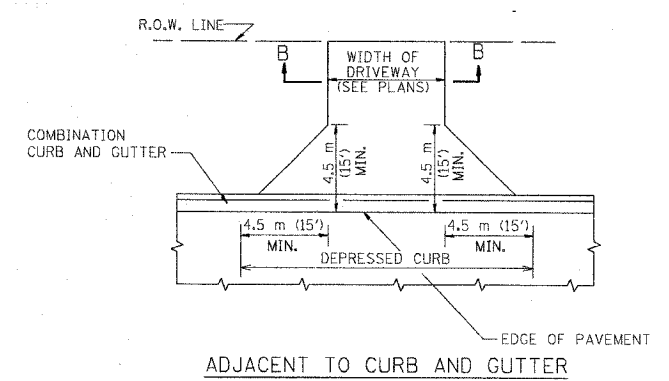
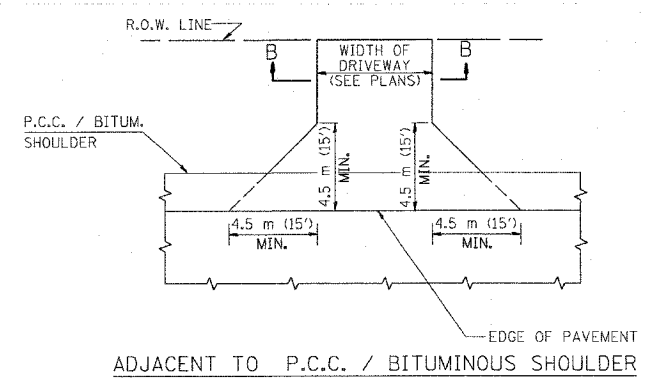
CONTRACT No: 83861			
F.A. RE.	SECTION	COUNTY	TOTAL SHEETS
1373	00-00068-00-RS	COOK	113
STA. N/A	TO STA. N/A		SHEET NO. 51
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



**RURAL FIELD ENTRANCE (FE)**  
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C", N50, 50 (2) MEASURED IN TONS  
 AGGREGATE BASE CSE., TYPE A 200 (8) MEASURED IN SQ. M. (SQ. YD.)

**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

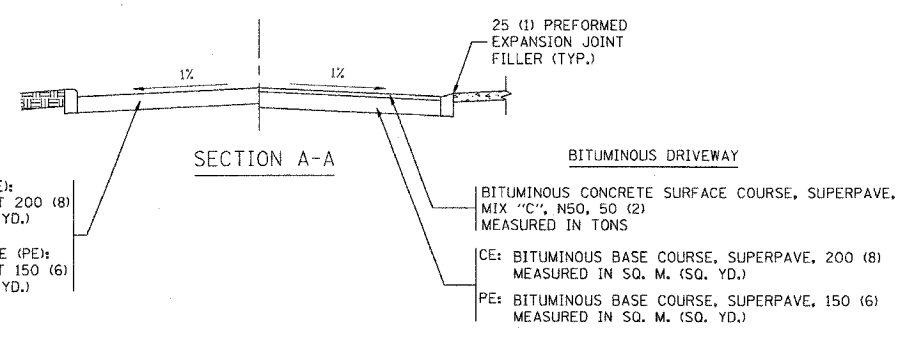
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 1.2 METERS (4 FEET) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

25 (1) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

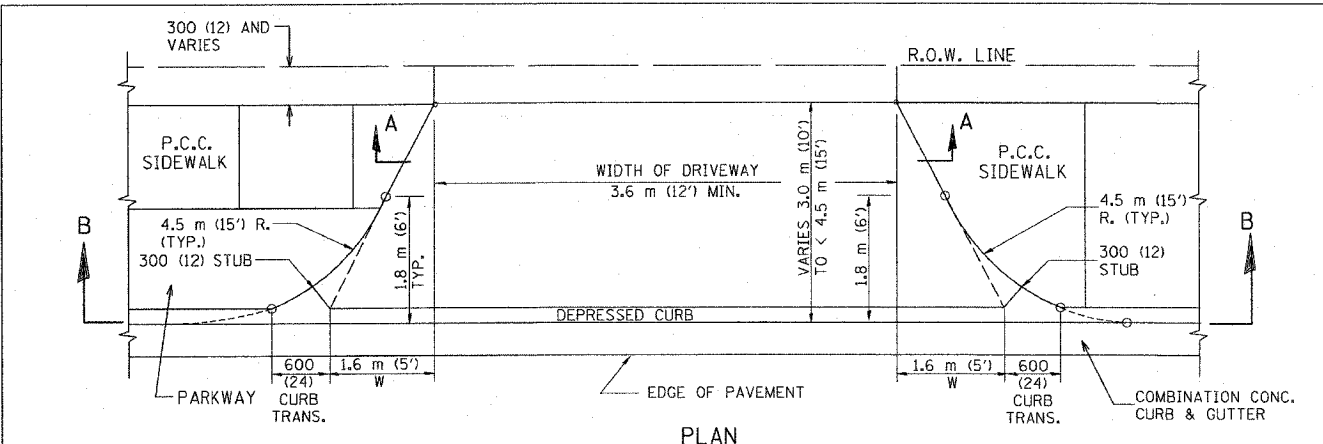
ILLINOIS DEPARTMENT OF TRANSPORTATION

**DRIVEWAY DETAILS**  
 DISTANCE BETWEEN R.O.W. AND FACE OF CURB / EDGE OF SHOULDER >= 4.5 m (15')

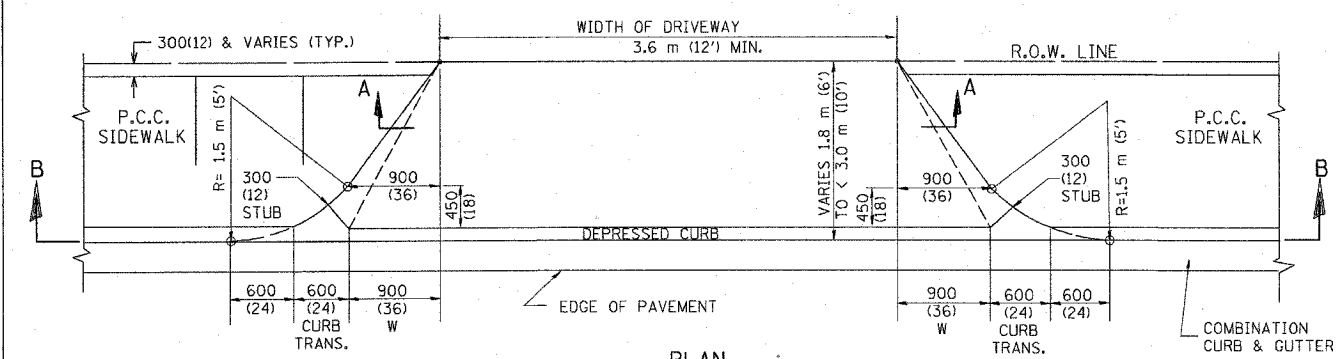
REVISIONS	
NAME	DATE
P. LOFLEUR	04-15-03
R. SHAH	11-04-95
J. POLLASTRINI	08-12-96
J. POLLASTRINI	12-14-96
A. ABBAS	03-21-97
T. HOLTZ	04-08-97
M. GOMEZ	04-06-01

SCALE: NONE  
 DATE PLOTTED: 04/17/2003  
 DRAWN BY: SC  
 CHECKED BY: JFP

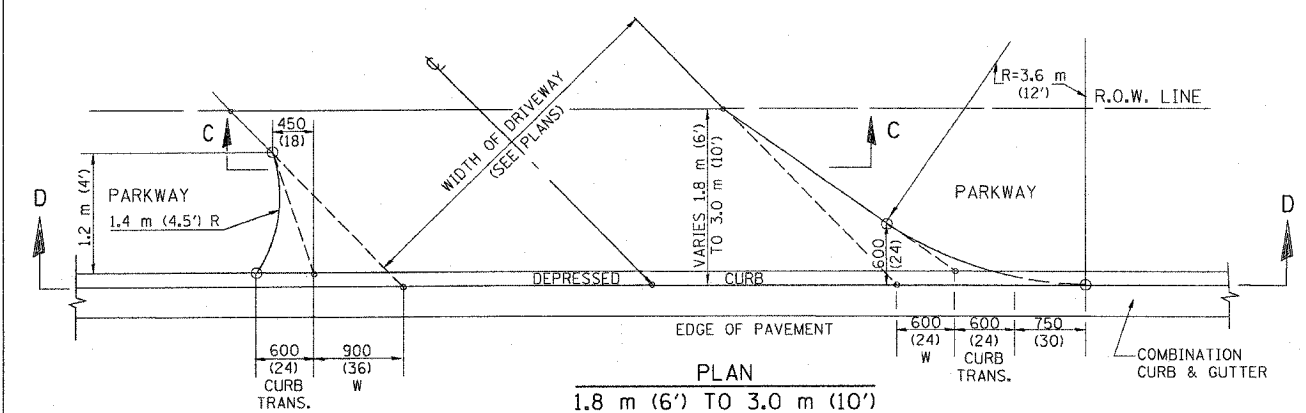
CONTRACT No: 83861			
F. & A. RE.	SECTION	COUNTY	TOTAL SHEETS
1373	00-00058-00-RS	COOK	113
STA. N/A	TO STA. N/A		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	



PLAN  
3.0 m (10') TO < 4.5 m (15')

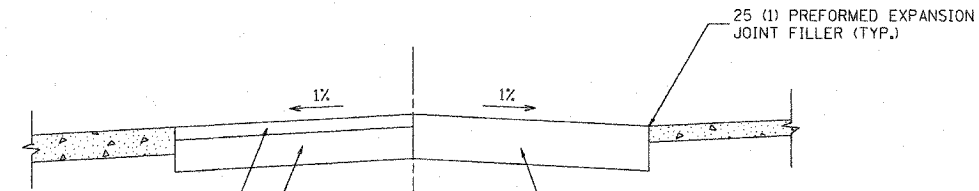


PLAN  
1.8 m (6') < 3.0 m (10')

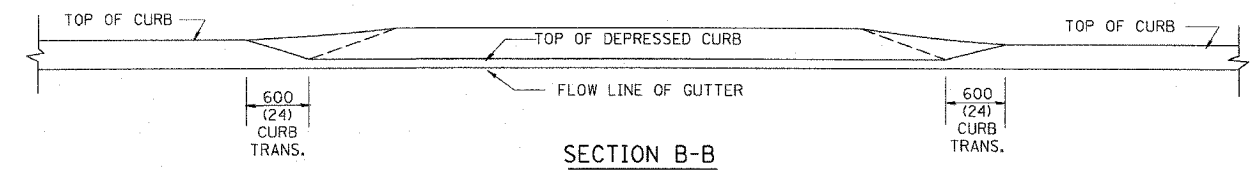


PLAN  
1.8 m (6') TO 3.0 m (10')

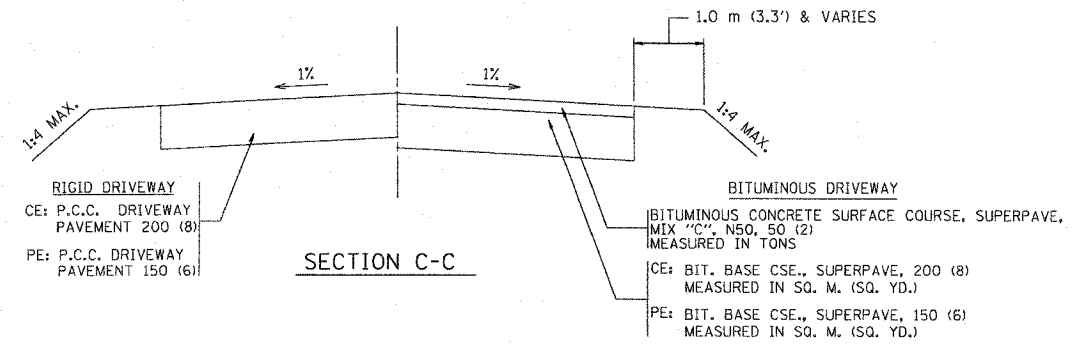
BITUMINOUS DRIVEWAY  
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 50 (2) MEASURED IN TONS  
BIT. BASE CSE., SUPERPAVE, 200 (8) CE; MEASURED IN SQ. M. (SQ. YD.)  
BIT. BASE CSE., SUPERPAVE, 150 (6) PE; MEASURED IN SQ. M. (SQ. YD.)



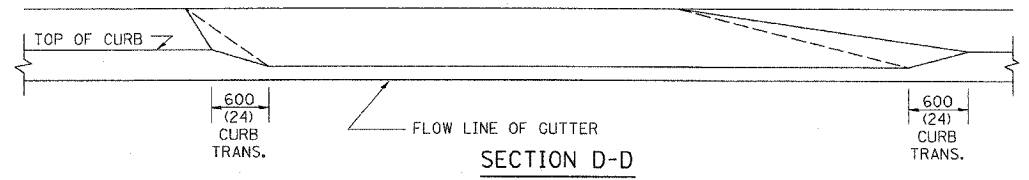
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 2.4 M (8'), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

25 (1) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

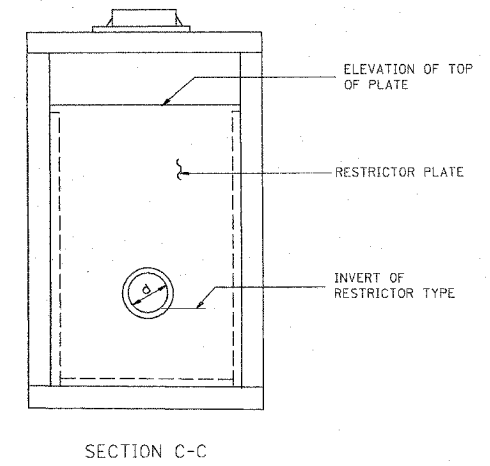
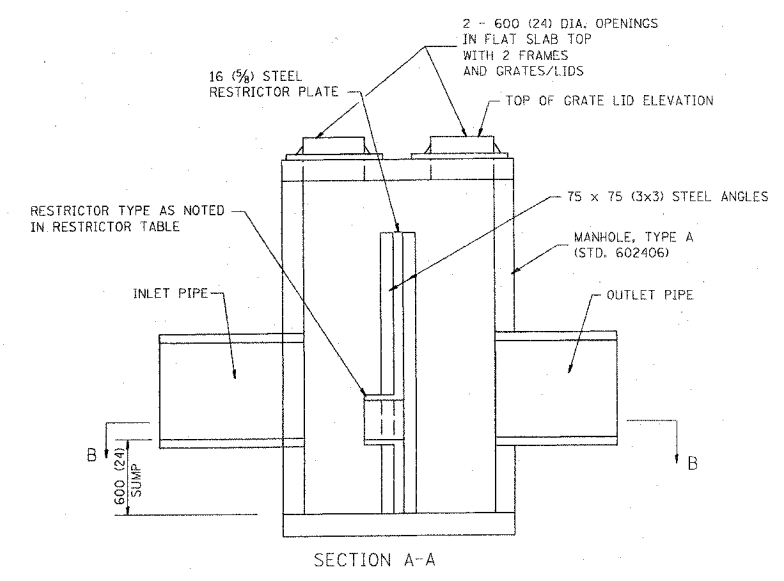
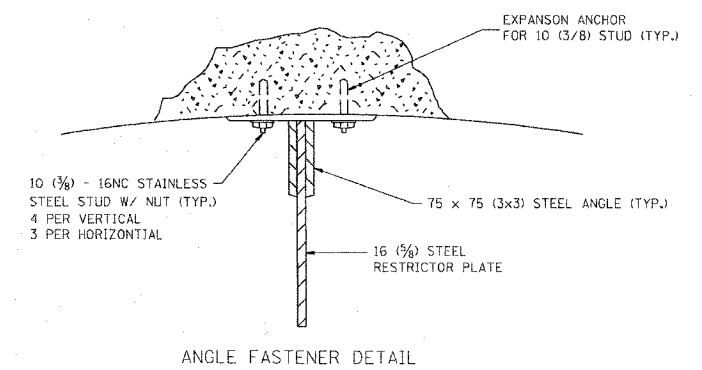
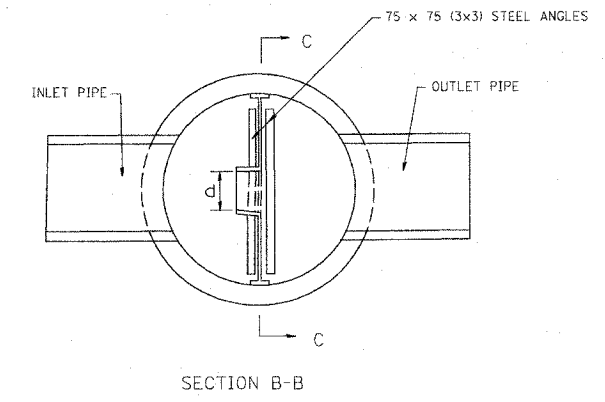
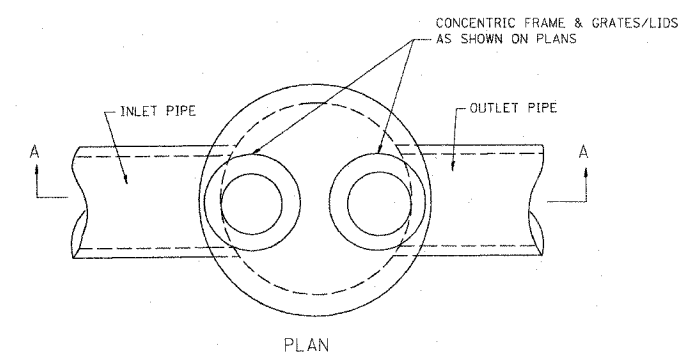
"W" VARIES FROM 900 (36) TO 1.5 m (5 FT.) PROPORTIONAL TO THE LENGTH (L), FROM 1.8 m (6 FT.) TO 3 m (10 FT.).

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

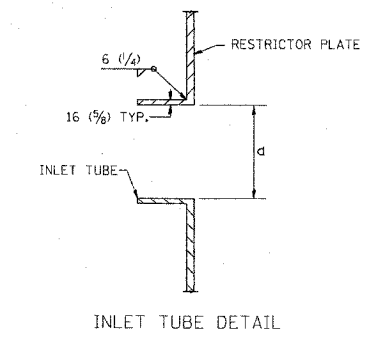
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DRIVEWAY DETAILS  
DISTANCE BETWEEN ROW AND FACE OF CURB < 4.5 m (15')

REVISIONS	
NAME	DATE
P. L'OFLEUR	04/15/03
M. GOMEZ	04/06/01
R. SHAH	11/06/95
J. POLLASTRINI	08/12/96
J. POLLASTRINI	12/14/96
A. ABBAS	03/21/97
T. HOLTZ	04/08/97

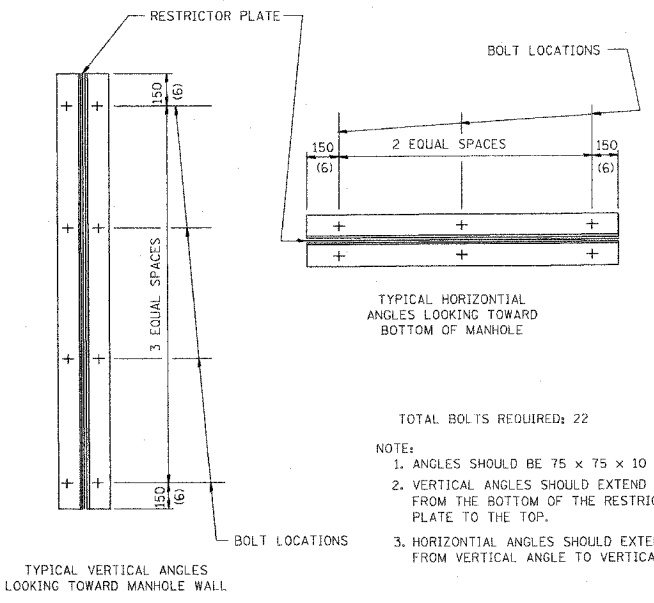
SCALE: NONE  
DATE PLOTTED: 04/17/2003  
DRAWN BY: SG  
CHECKED BY: JFP  
BD400-02 (BD-02)  
REVISION DATE: 04/15/03



- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
  2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 1.8m (6FT.) DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER mm (in.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW



RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	08/28/00
M. GOMEZ	01/08/01

SCALE: NONE

DATE 10/18/2002

DRAWN BY

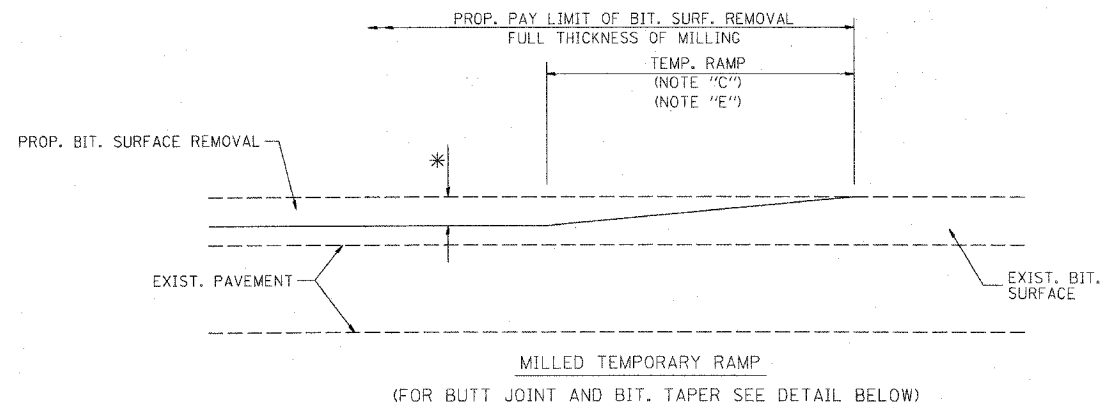
CHECKED BY

BD600-04 (BD-12)

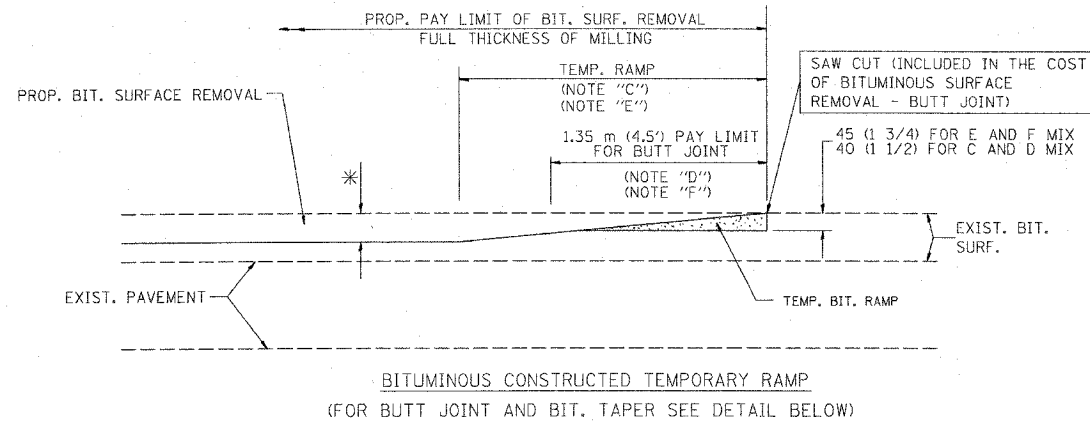
REVISION DATE: 01/08/01

10/18/2002  
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VH-BD12

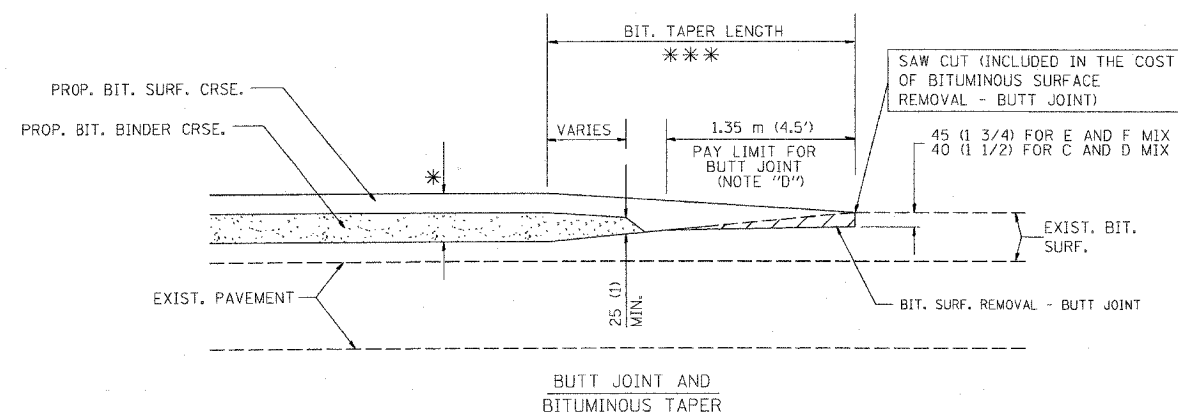
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1373	00-00058-00-RS	COOK	113	54
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		BALANCE	FED. AID PROJECT	



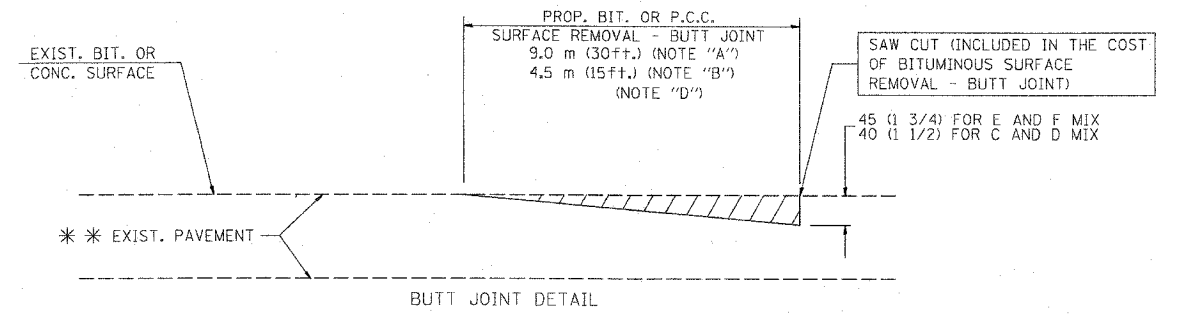
OPTION 1



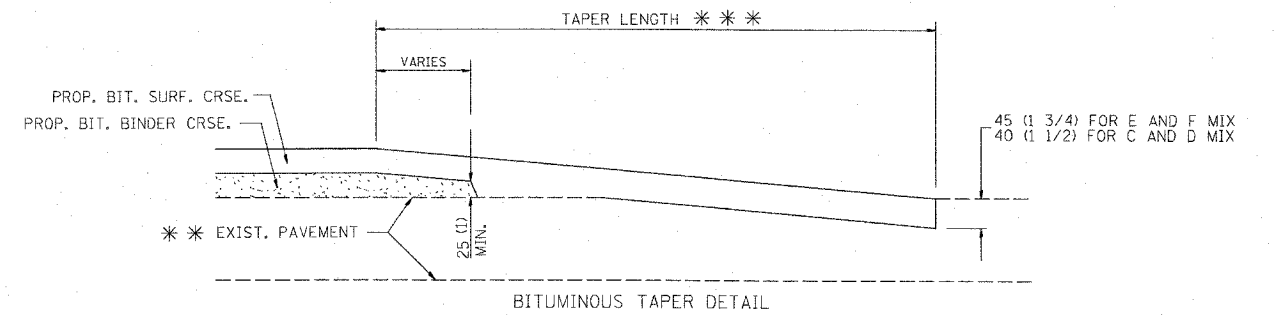
OPTION 2  
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND BITUMINOUS TAPER  
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



BITUMINOUS TAPER DETAIL

TYPICAL BUTT JOINT AND BITUMINOUS TAPER  
FOR RESURFACING ONLY

\*\*\* PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 900 (3 FT.) PER INCH OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 1.35 m (4.5') TEMP. BIT. RAMP WILL BE PAID AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT".
  - G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL, BUTT JOINT".
- \*\*\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

\*\*\* 6.1 m (20') PER 25 (1) RESURFACING (NOTE "A")  
3.0 m (10') PER 25 (1) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
BITUMINOUS TAPER  
DETAILS

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR PER SQUARE METER (SQUARE YARD) AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT" OR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01

SCALE: NONE

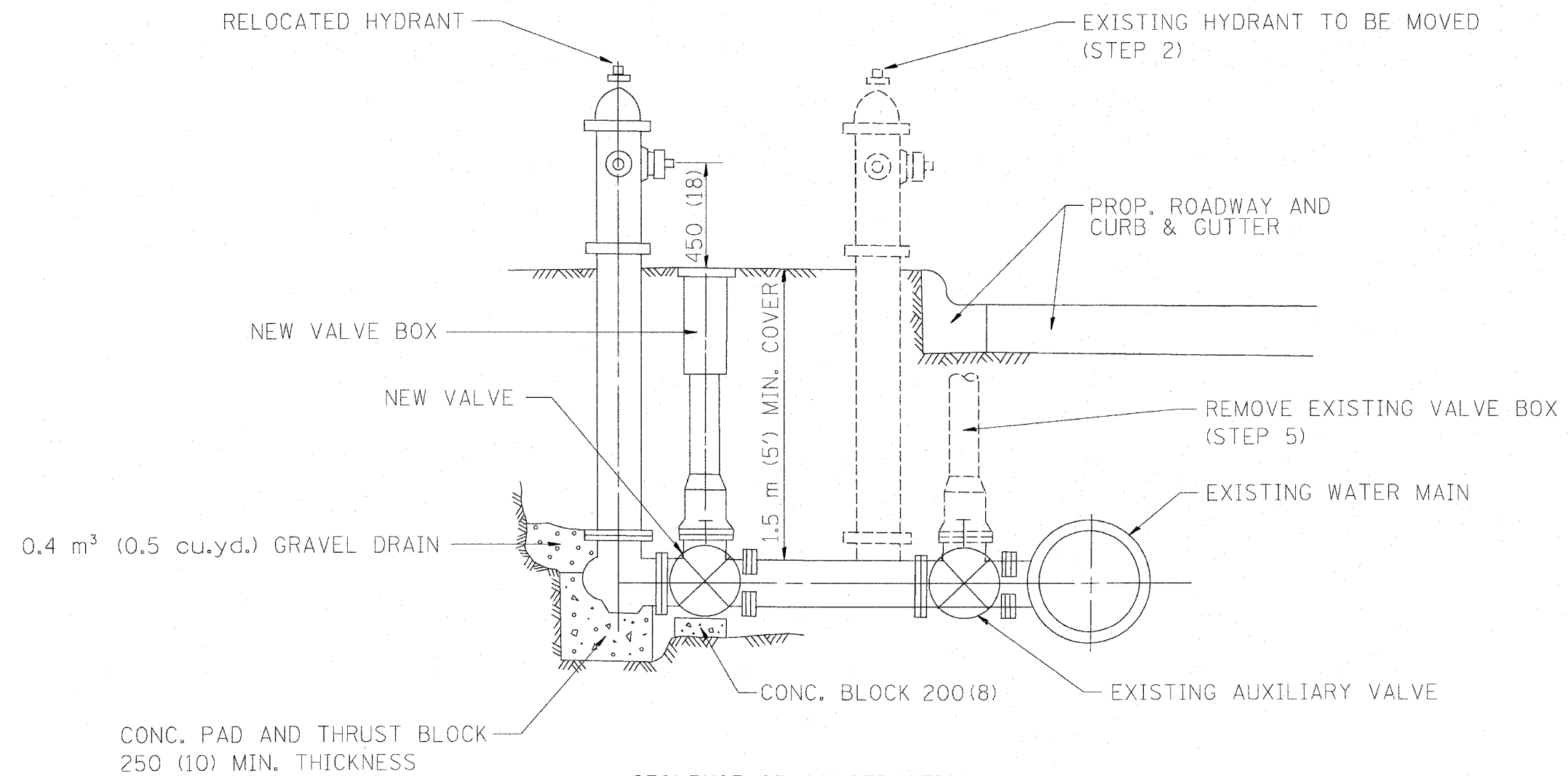
DATE PLOTTED: 10/18/2002

DRAWN BY

CHECKED BY

BD400-05 (VI-BD32)

REVISION DATE: 04/06/01



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

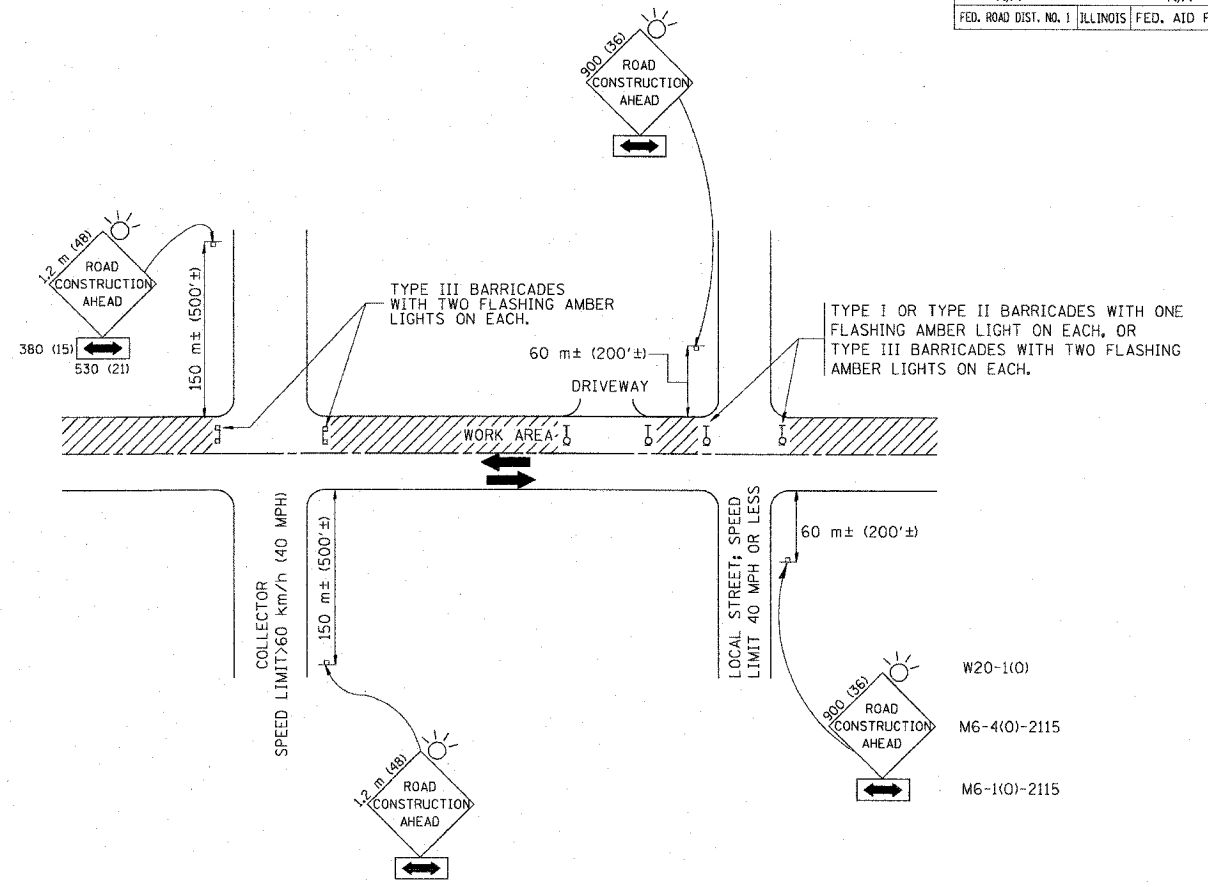
ILLINOIS DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94

SCALE: NONE  
 DATE 10/18/2002  
 DRAWN BY  
 CHECKED BY  
 BD500-03 (BD-36)  
 REVISION DATE: 10/25/94

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	56
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC CONTROL AND PROTECTION  
 FOR  
 SIDE ROADS, INTERSECTIONS, AND  
 DRIVEWAYS

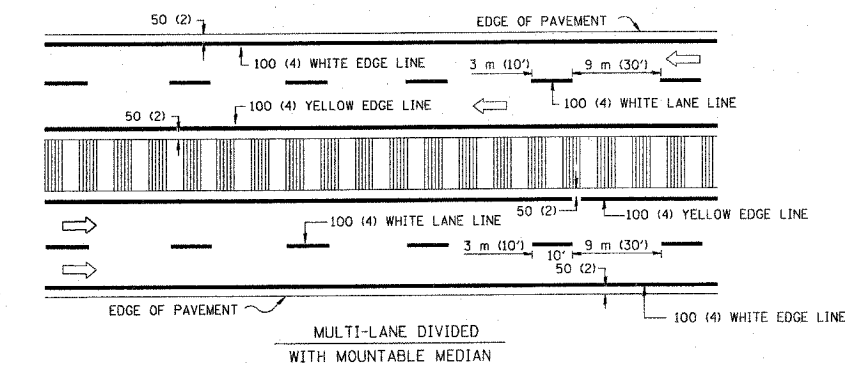
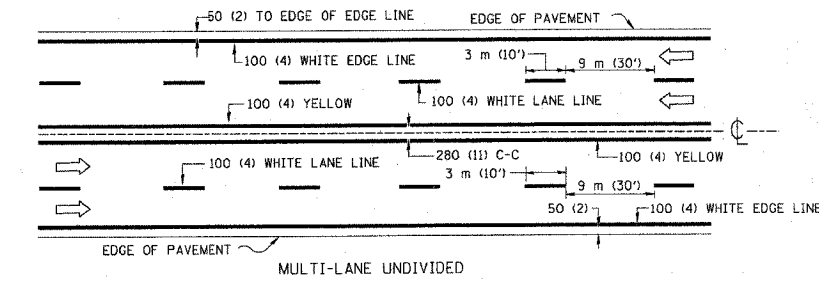
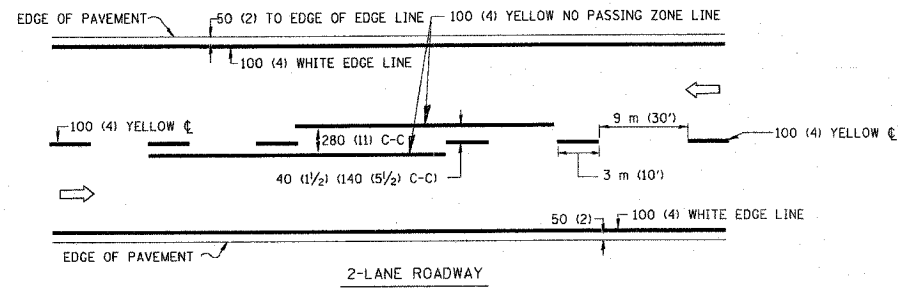
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 HORIZ. \_\_\_\_\_  
 DATE 10/18/2002

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

TC-10  
 REVISION DATE: 01/06/00

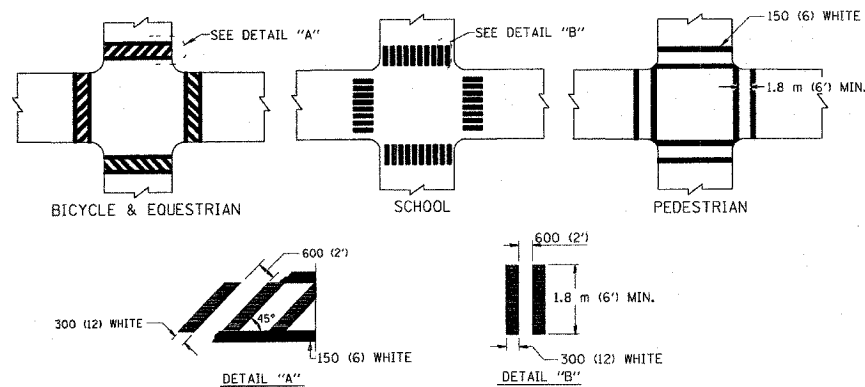


F. & A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	57
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

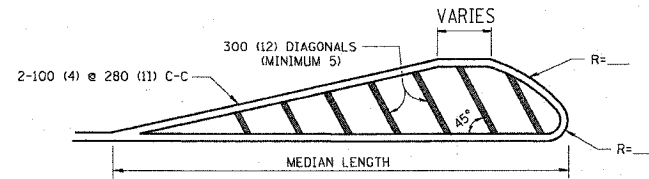
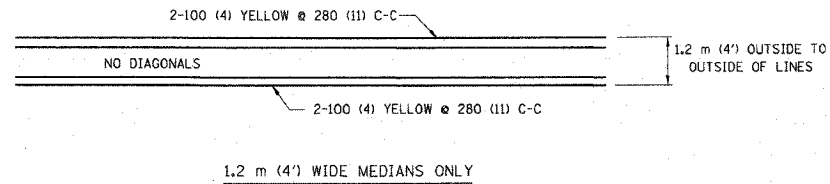


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



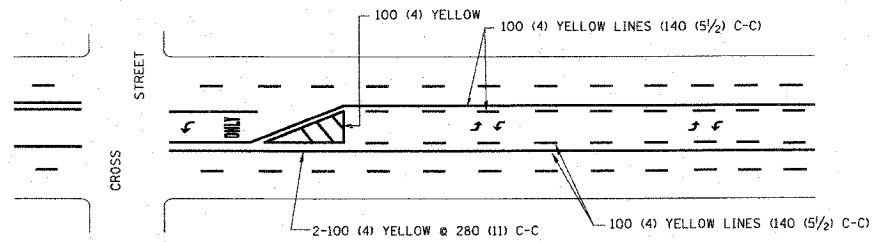
TYPICAL CROSSWALK MARKING



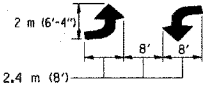
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 15 m (50') C-C (LESS THAN 50 km/h (30 MPH))  
 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH))  
 45 m (150') C-C (MORE THAN 70 km/h (45 MPH))

MEDIANS OVER 1.2 m (4') WIDE

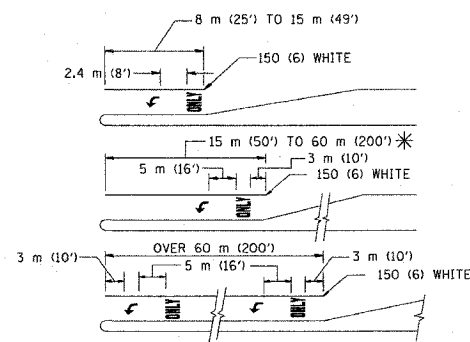


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

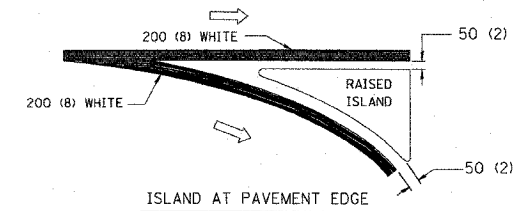
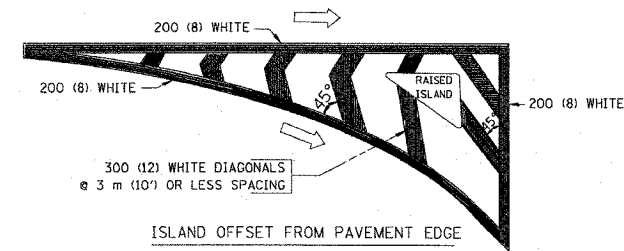


FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.  
 AREA = 1.5 m<sup>2</sup> (15.6 SQ. FT.) ONLY AREA = 1.9 m<sup>2</sup> (20.8 SQ. FT.)

\* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	2.4 m (8') LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45°  NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC  WHITE; ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE  SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DISTRICT ONE  
 TYPICAL PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

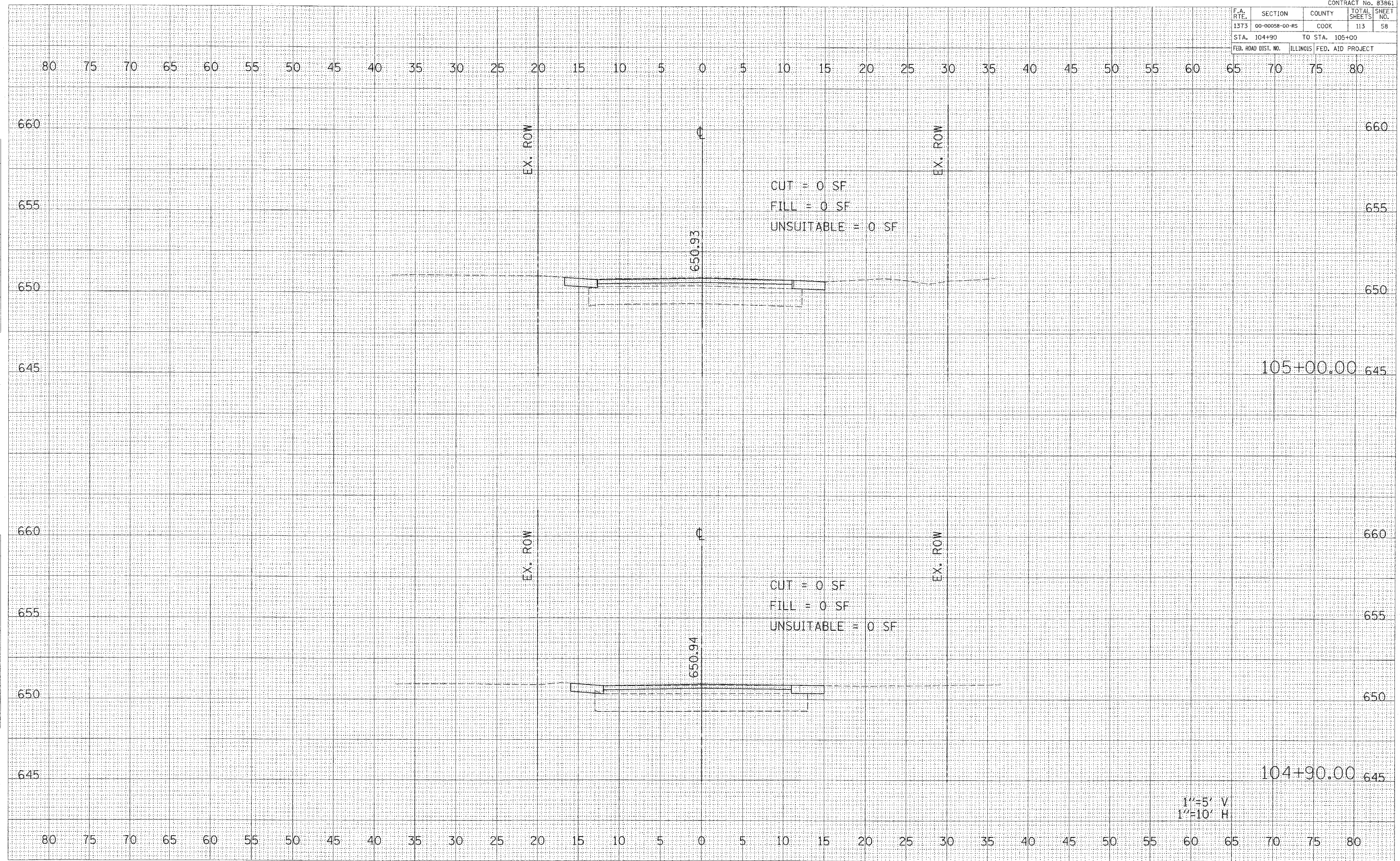
SCALE: NONE  
 DATE 10/18/2002

DRAWN BY CADD  
 CHECKED BY

TC-13  
 REVISION DATE: 01/06/00

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	58
STA. 104+90		TO STA. 105+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 104+90 TO STA. 105+00

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 FINAL SURVEY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 ORIGINAL SURVEY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

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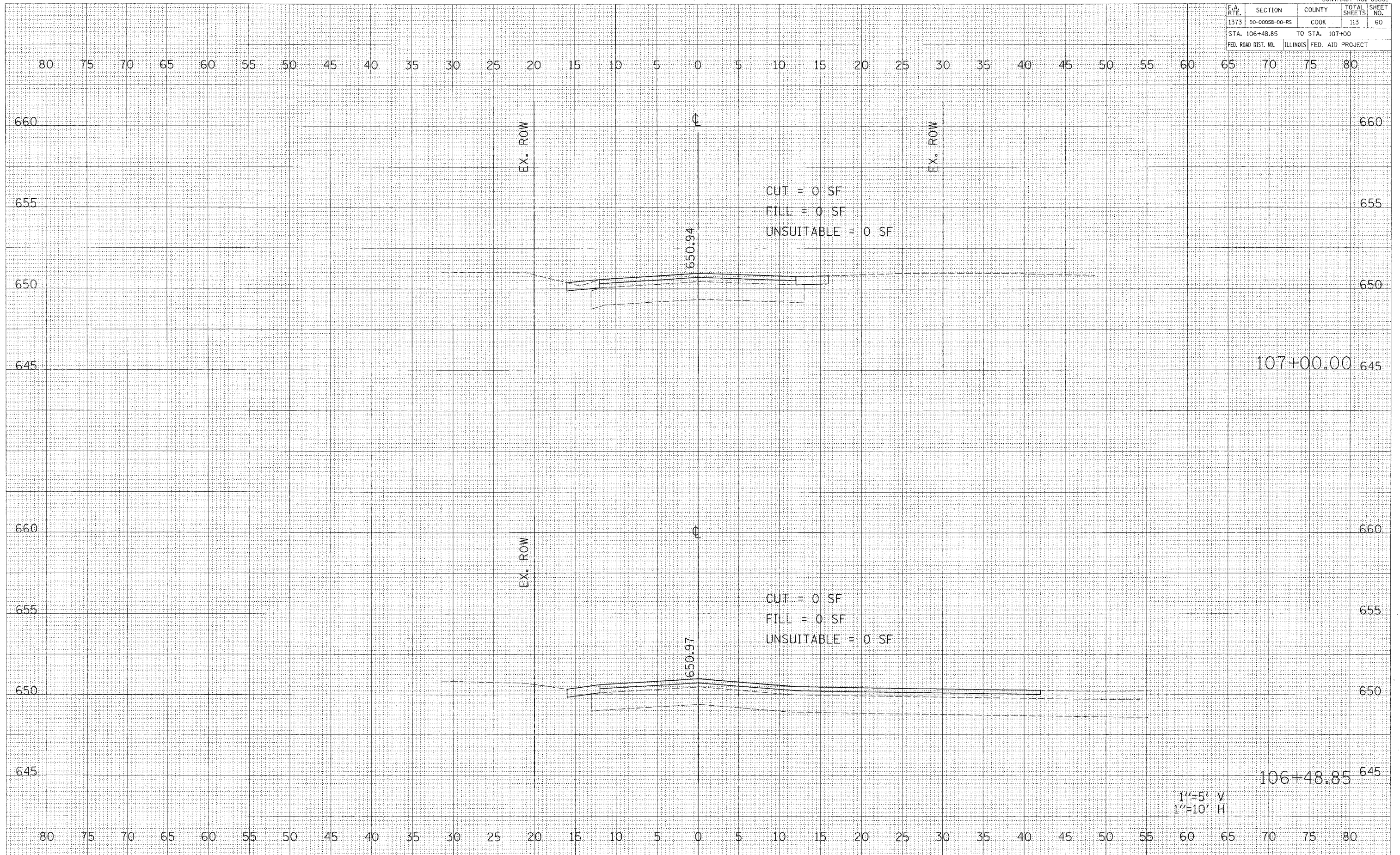
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-0058-00-RS	COOK	113	60
STA. 106+48.85		TO STA. 107+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
REVISION	
NO.	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
REVISION	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

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BELMONT AVENUE STA. 106+48.85 TO STA. 107+00

1"=5' V  
1"=10' H

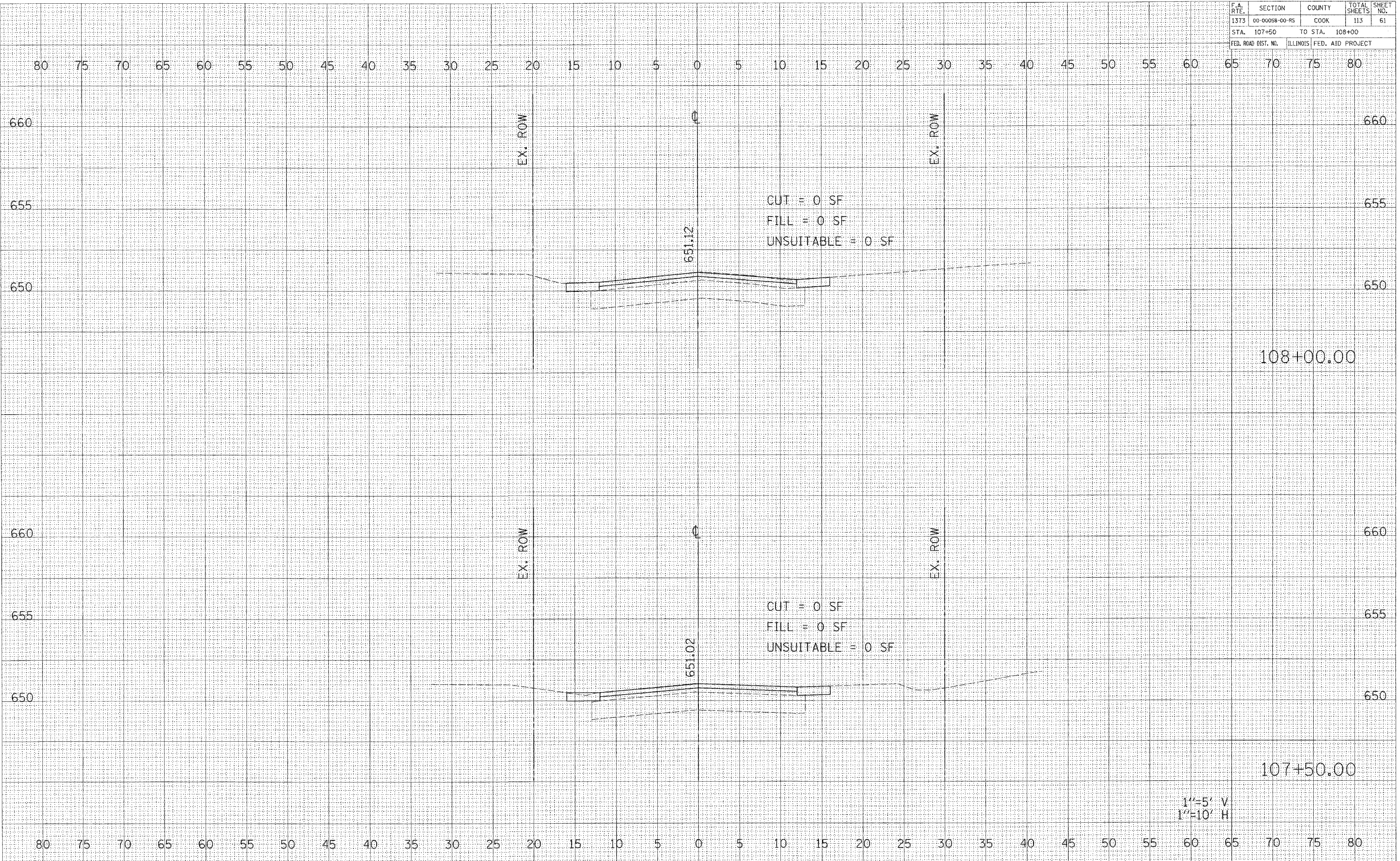
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	61
STA. 107+50		TO STA. 108+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
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 AREAS CHECKED \_\_\_\_\_  
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DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
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 AREAS CHECKED \_\_\_\_\_  
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BELMONT AVENUE STA. 107+50 TO STA. 108+00

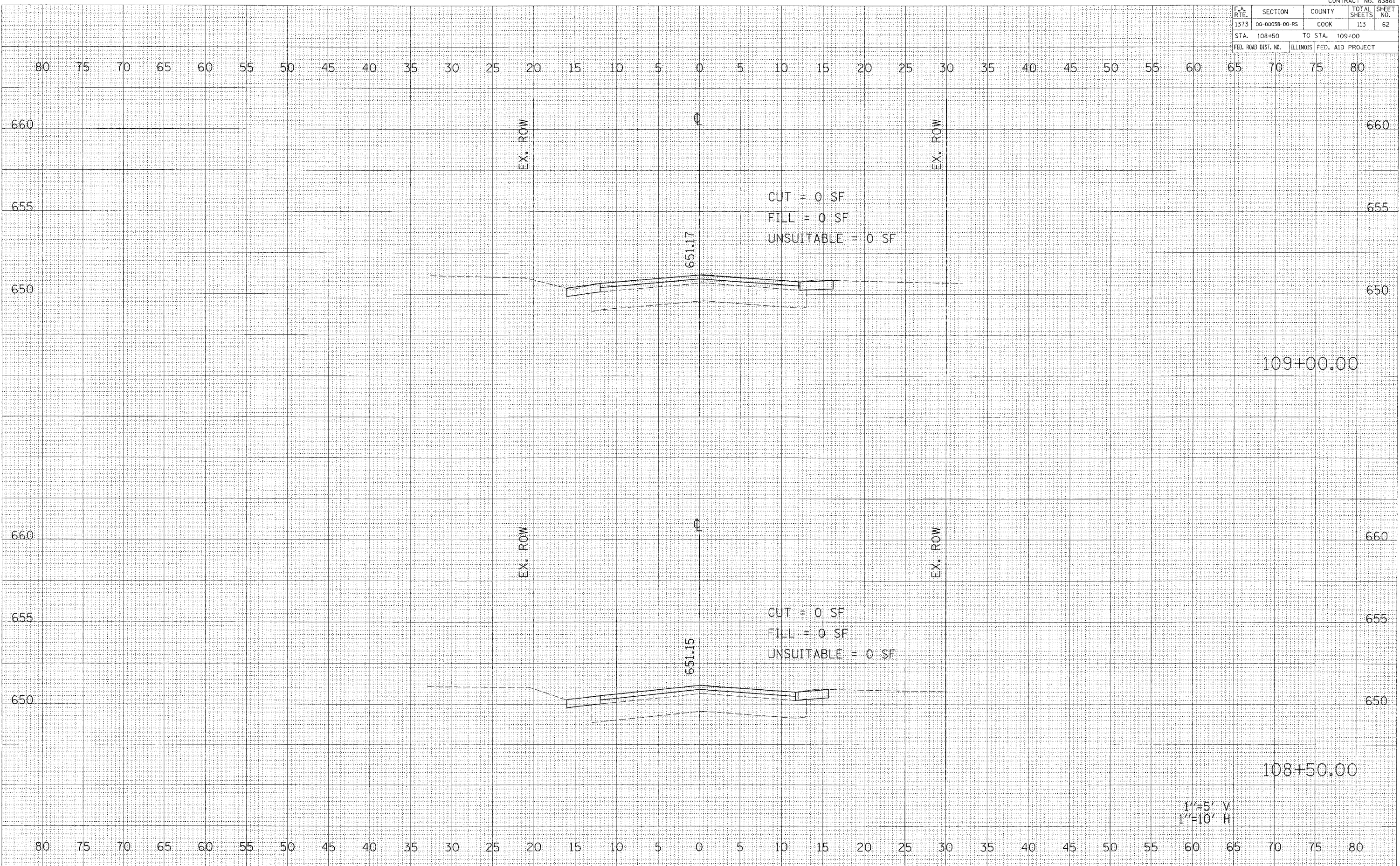
1"=5' V  
1"=10' H

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	62
STA. 108+50	TO STA. 109+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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NOTE BOOK	
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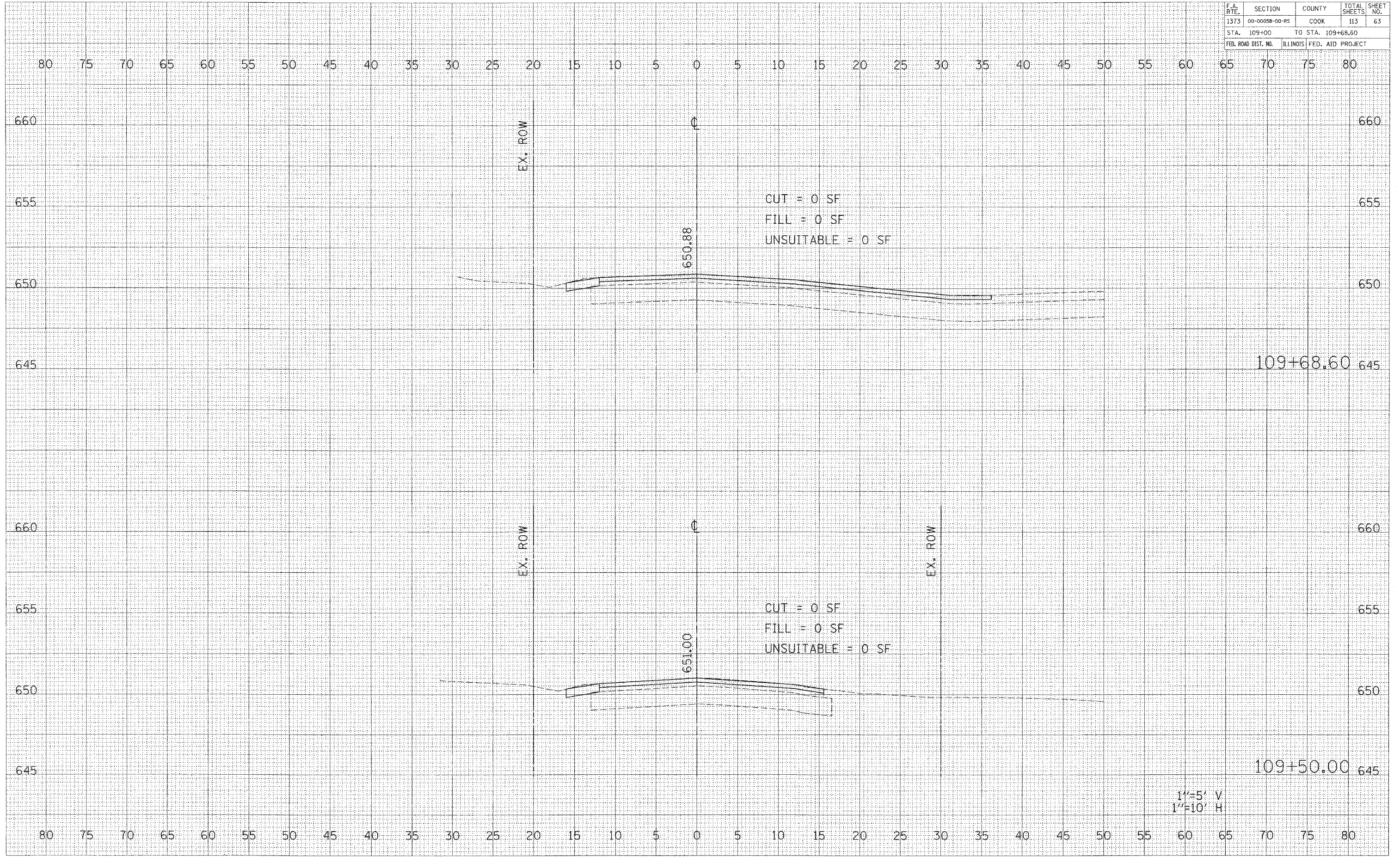
BELMONT AVENUE STA. 108+50 TO STA. 109+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	63
STA. 109+00		TO STA. 109+68.60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

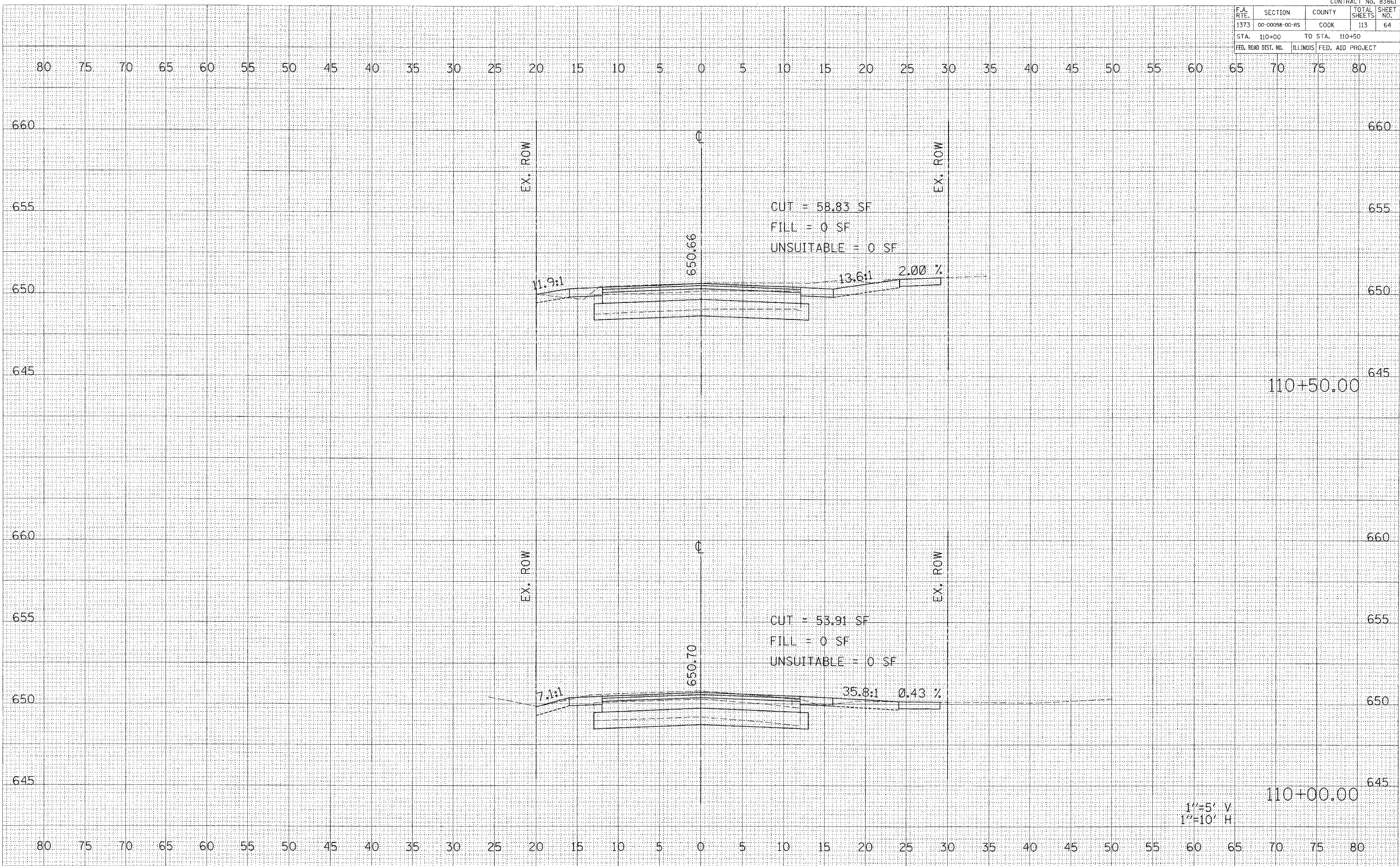
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BELMONT AVENUE STA. 109+50 TO STA. 109+68.60

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	64
STA. 110+00		TO STA. 110+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE: \_\_\_\_\_ BY: \_\_\_\_\_

FINAL SURVEY PLOTTED DATE: \_\_\_\_\_

NOTE BOOK NO. \_\_\_\_\_ AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

ORIGINAL SURVEY PLOTTED DATE: \_\_\_\_\_

NOTE BOOK NO. \_\_\_\_\_ AREAS CHECKED: \_\_\_\_\_

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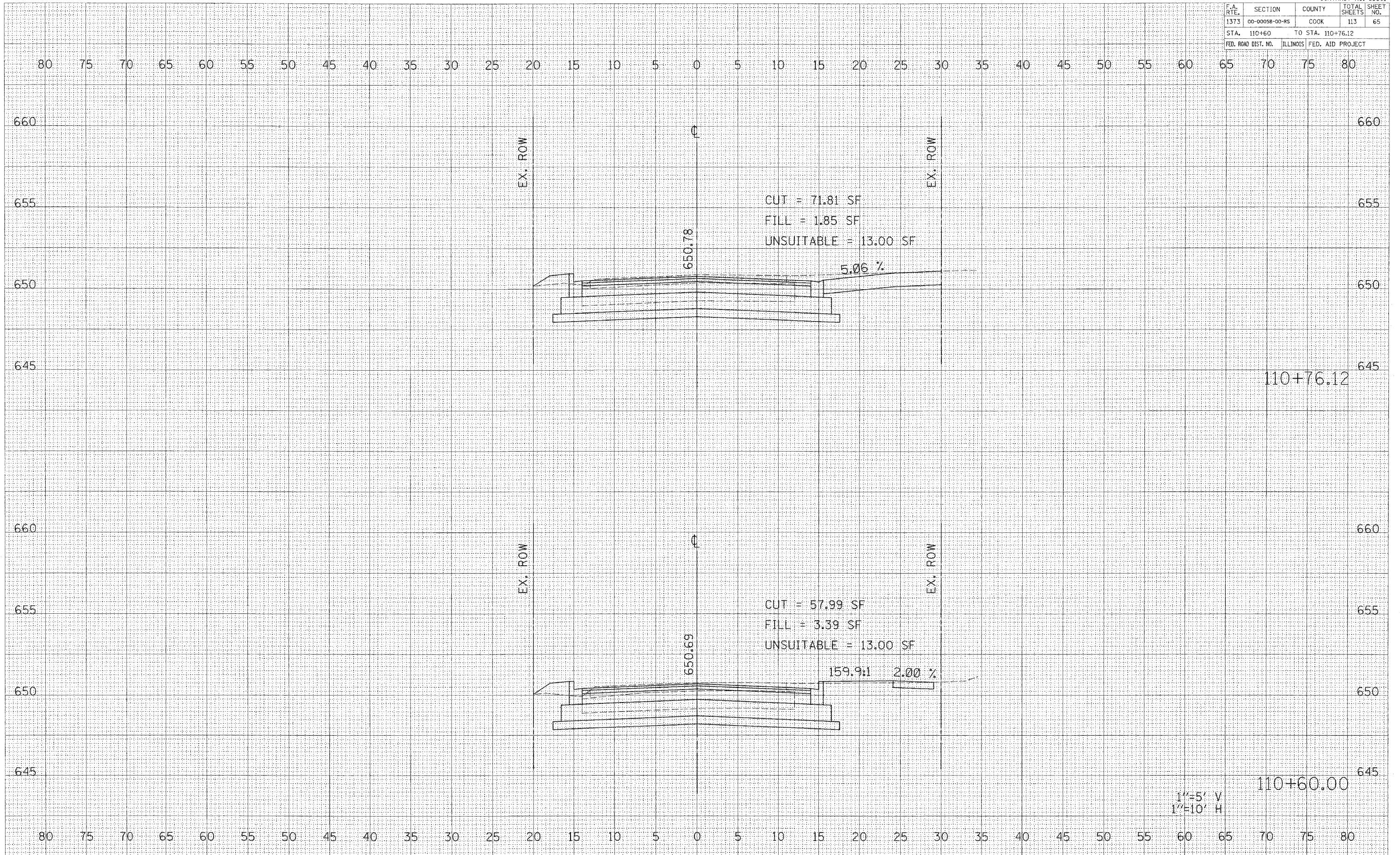
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	65
STA. 110+60		TO STA. 110+76.12		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
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BELMONT AVENUE STA. 110+60 TO STA. 110+76.12

1"=5' V  
1"=10' H

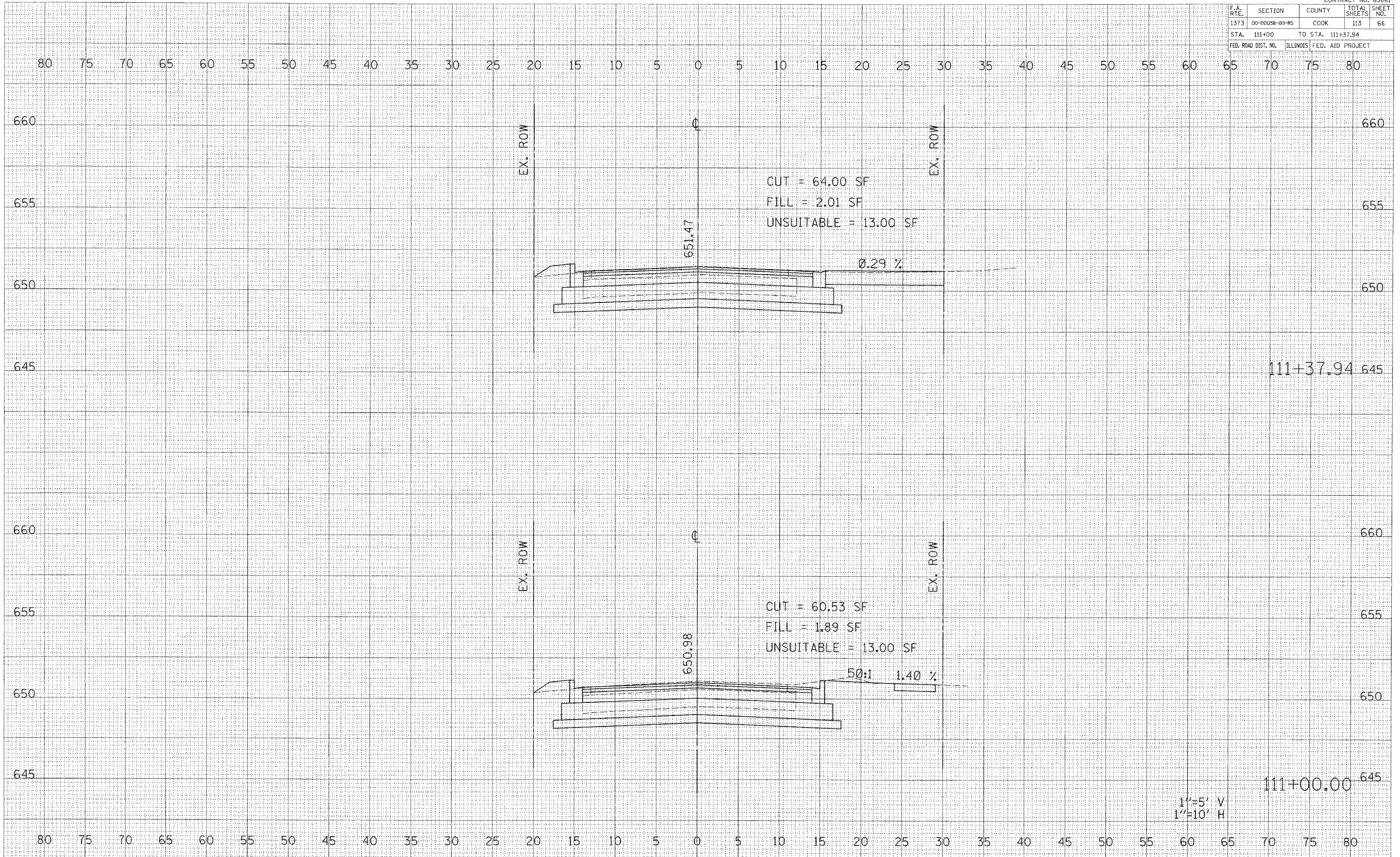
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	66
STA. 111+00		TO STA. 111+37.94		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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PLOTTED	
NOTE BOOK	
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CUT = 64.00 SF  
 FILL = 2.01 SF  
 UNSUITABLE = 13.00 SF

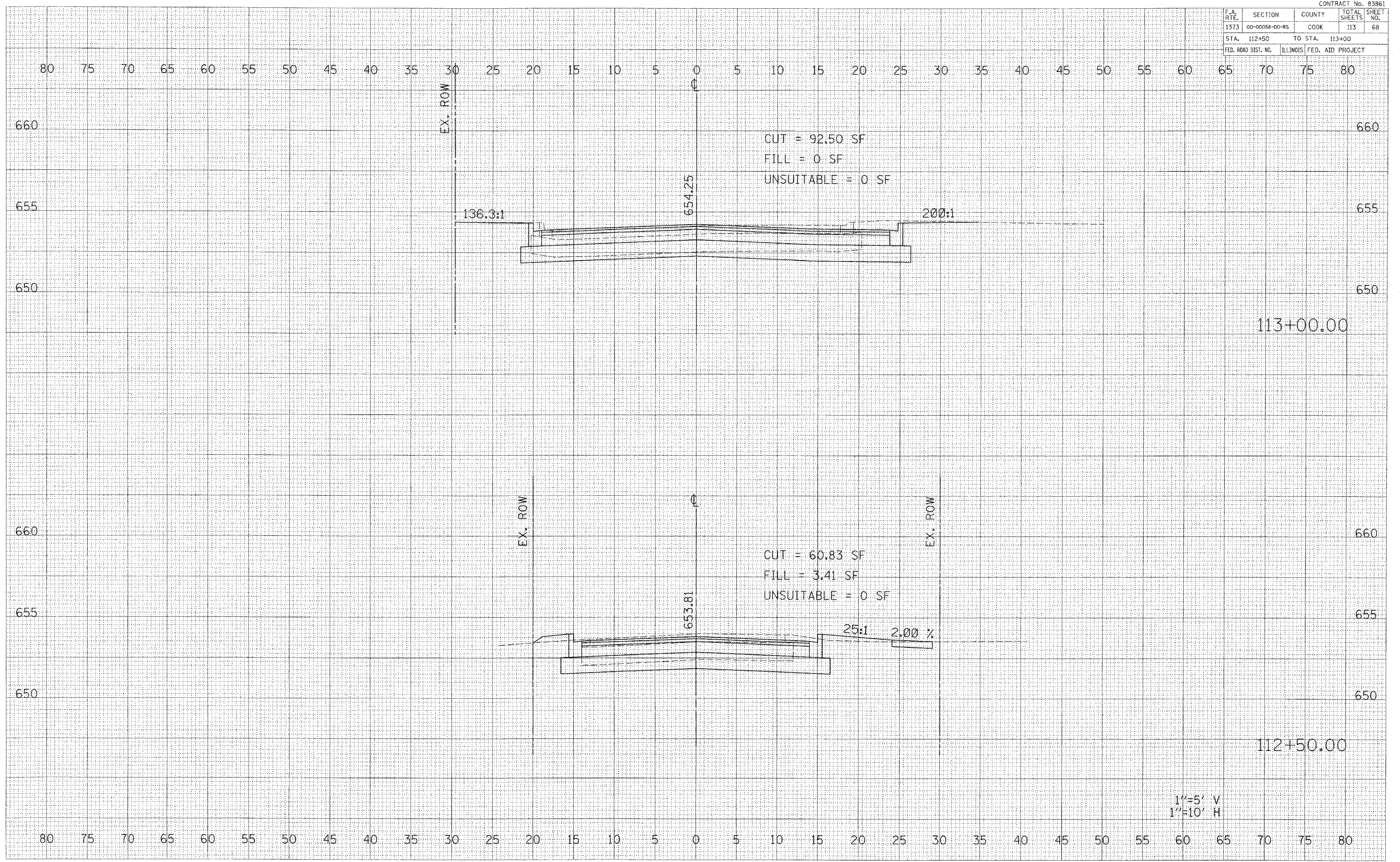
CUT = 60.53 SF  
 FILL = 1.89 SF  
 UNSUITABLE = 13.00 SF

1"=5' V  
 1"=10' H



CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	68
STA. 112+50		TO STA. 113+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



BELMONT AVENUE STA. 112+50 TO STA. 113+00

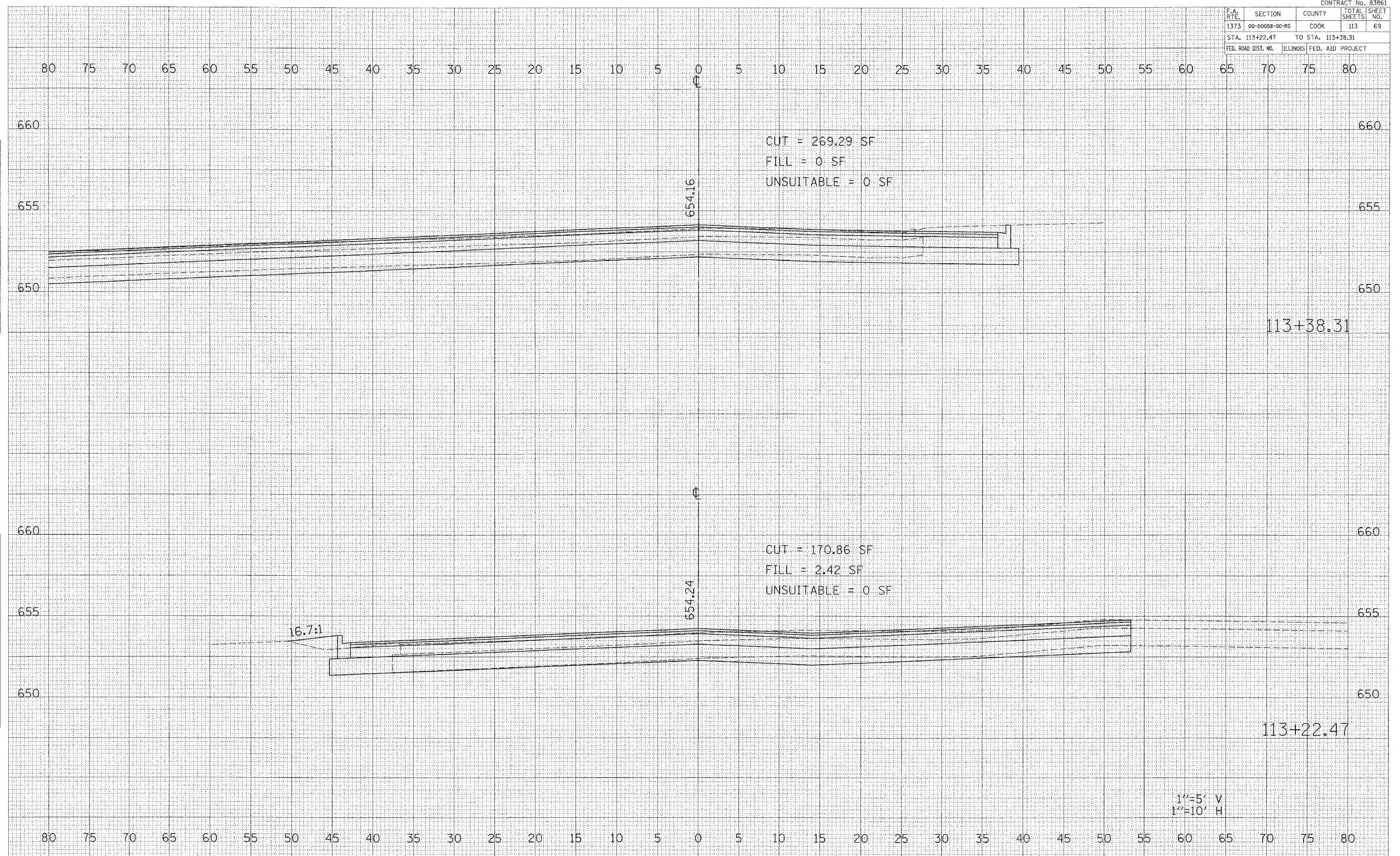
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CONTRACT No. 83961

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	69
STA. 113+22.47		TO STA. 113+38.31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

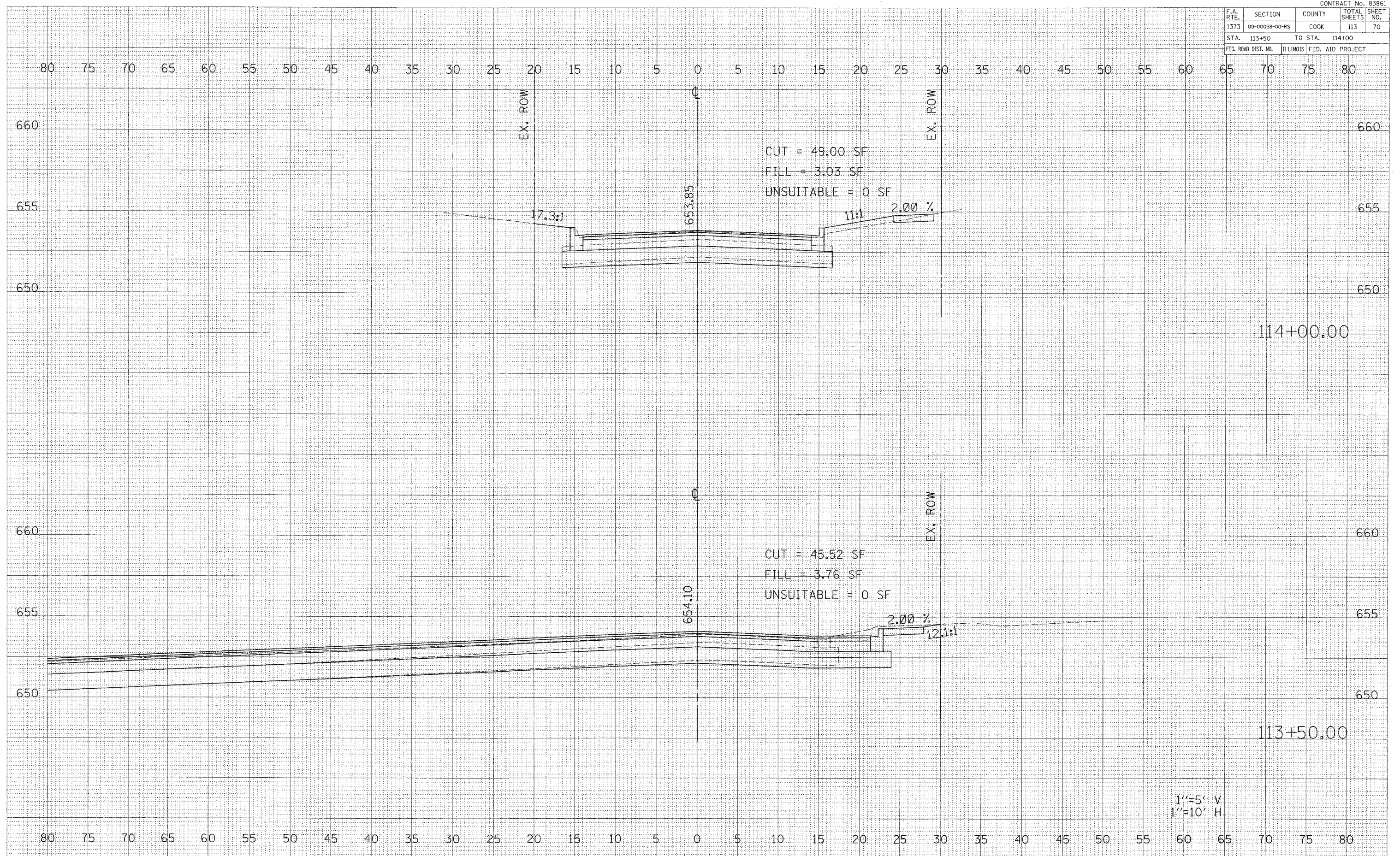
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NOTE BOOK	
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1"=5' V  
 1"=10' H

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	70
STA. 113+50		TO STA. 114+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1"=5' V  
1"=10' H

BELMONT AVENUE STA. 113+50 TO STA. 114+00

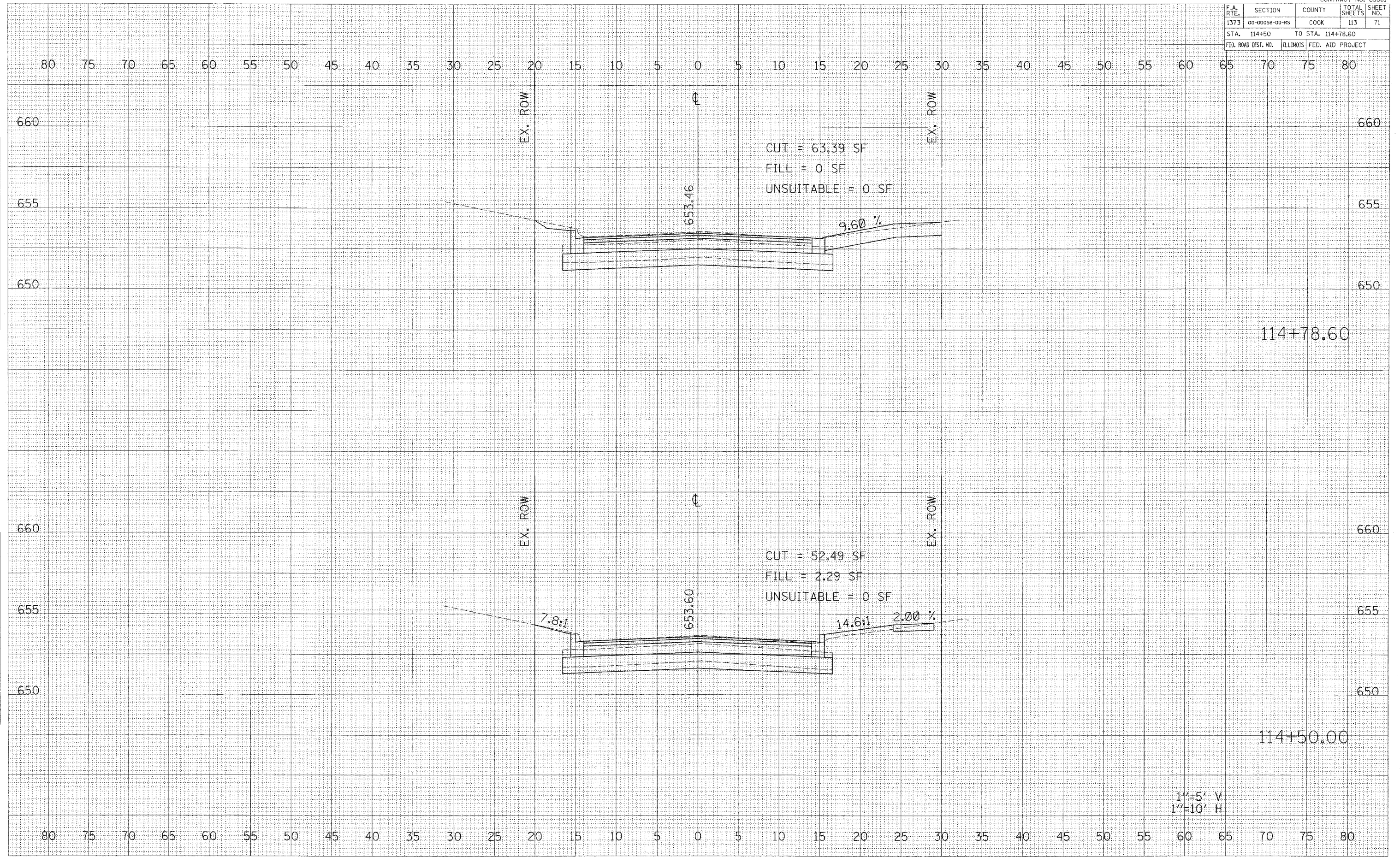
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 ORIGINAL SURVEY:  
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CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	71
STA. 114+50		TO STA. 114+78.60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CUT = 63.39 SF  
 FILL = 0 SF  
 UNSUITABLE = 0 SF

CUT = 52.49 SF  
 FILL = 2.29 SF  
 UNSUITABLE = 0 SF

114+78.60

114+50.00

1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 114+50 TO STA. 114+78.60

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
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DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
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 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

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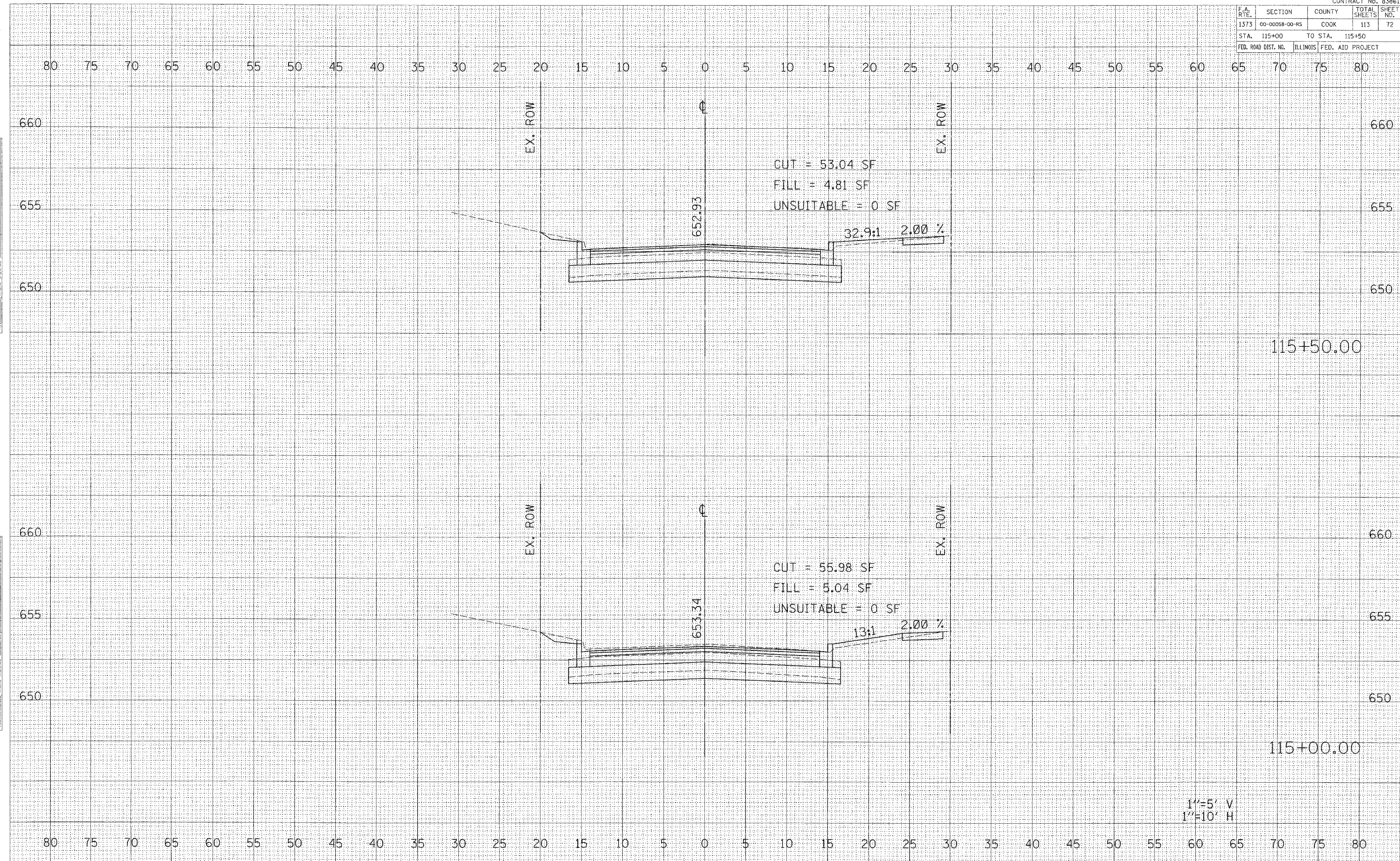
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	72
STA. 115+00		TO STA. 115+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_  
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 NOTE BOOK: \_\_\_\_\_  
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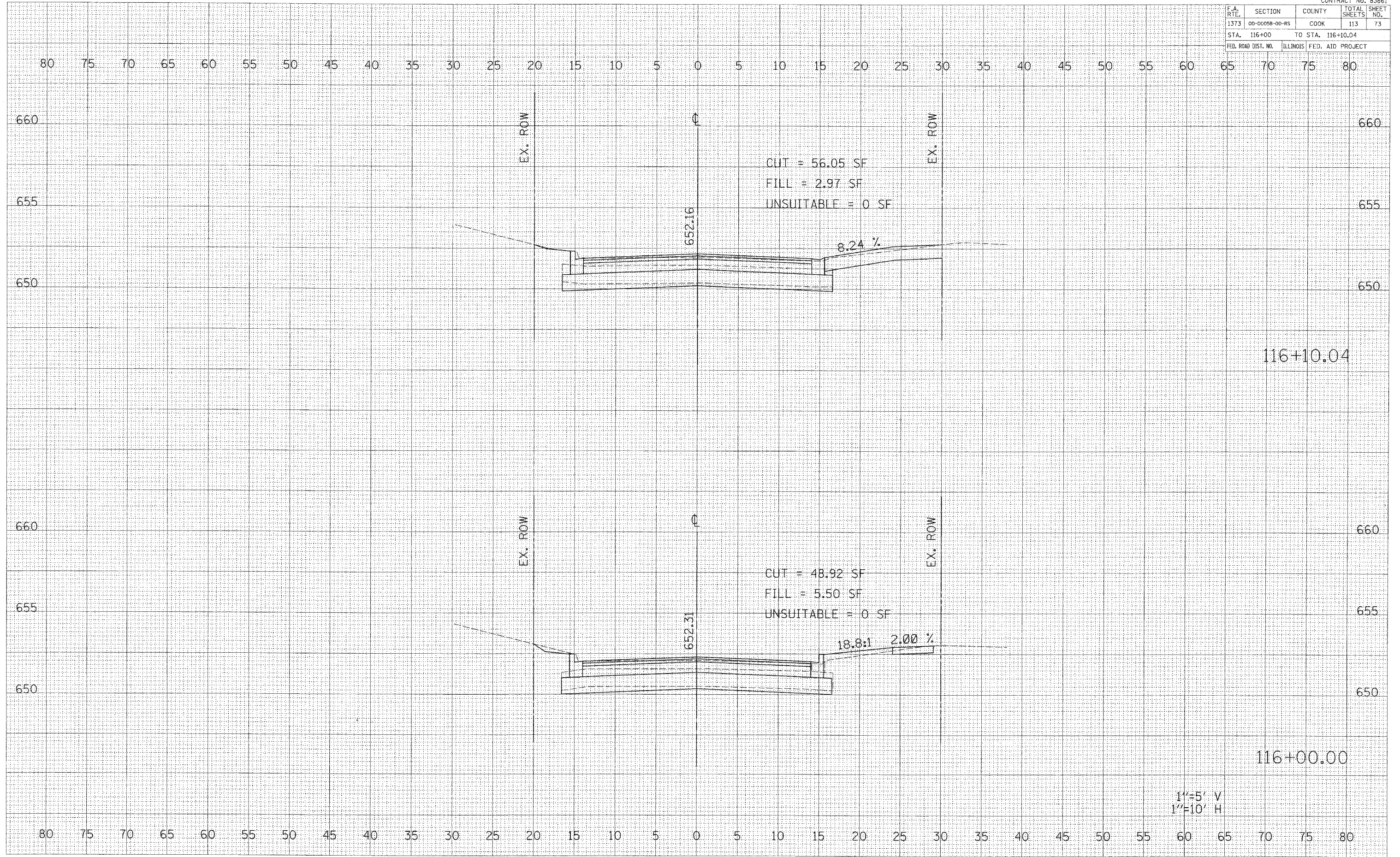


1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 115+00 TO STA. 115+50



CONTRACT No. 83861				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-0005B-00-RS	COOK	113	73
STA. 116+00		TO STA. 116+10.04		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



116+10.04

116+00.00

1"=5' V  
1"=10' H

BELMONT AVENUE STA. 116+00 TO STA. 116+10.04

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 TEMPLATE: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
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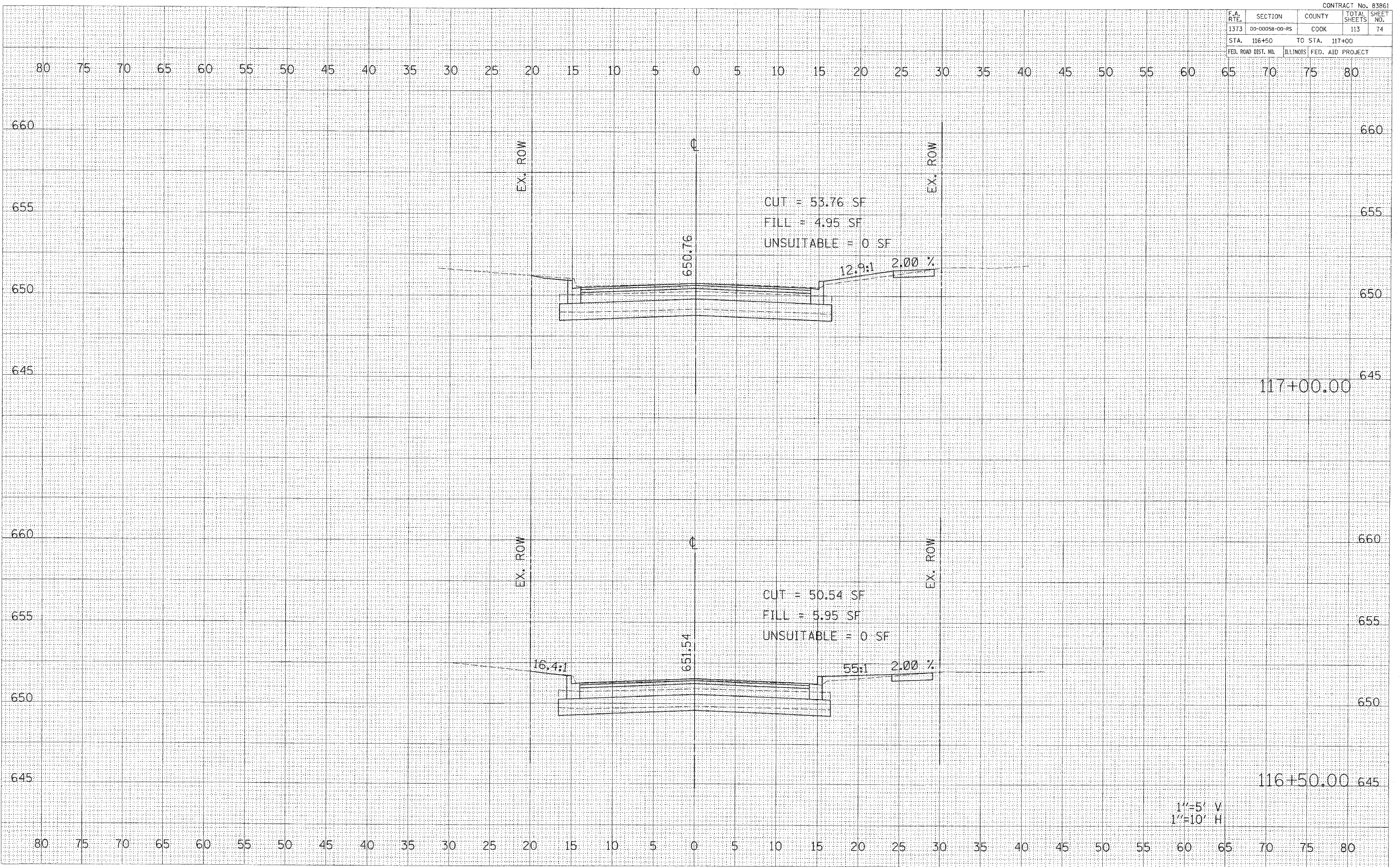
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	74
STA. 116+50		TO STA. 117+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
NOTED	
NO. CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
NO. CHECKED	

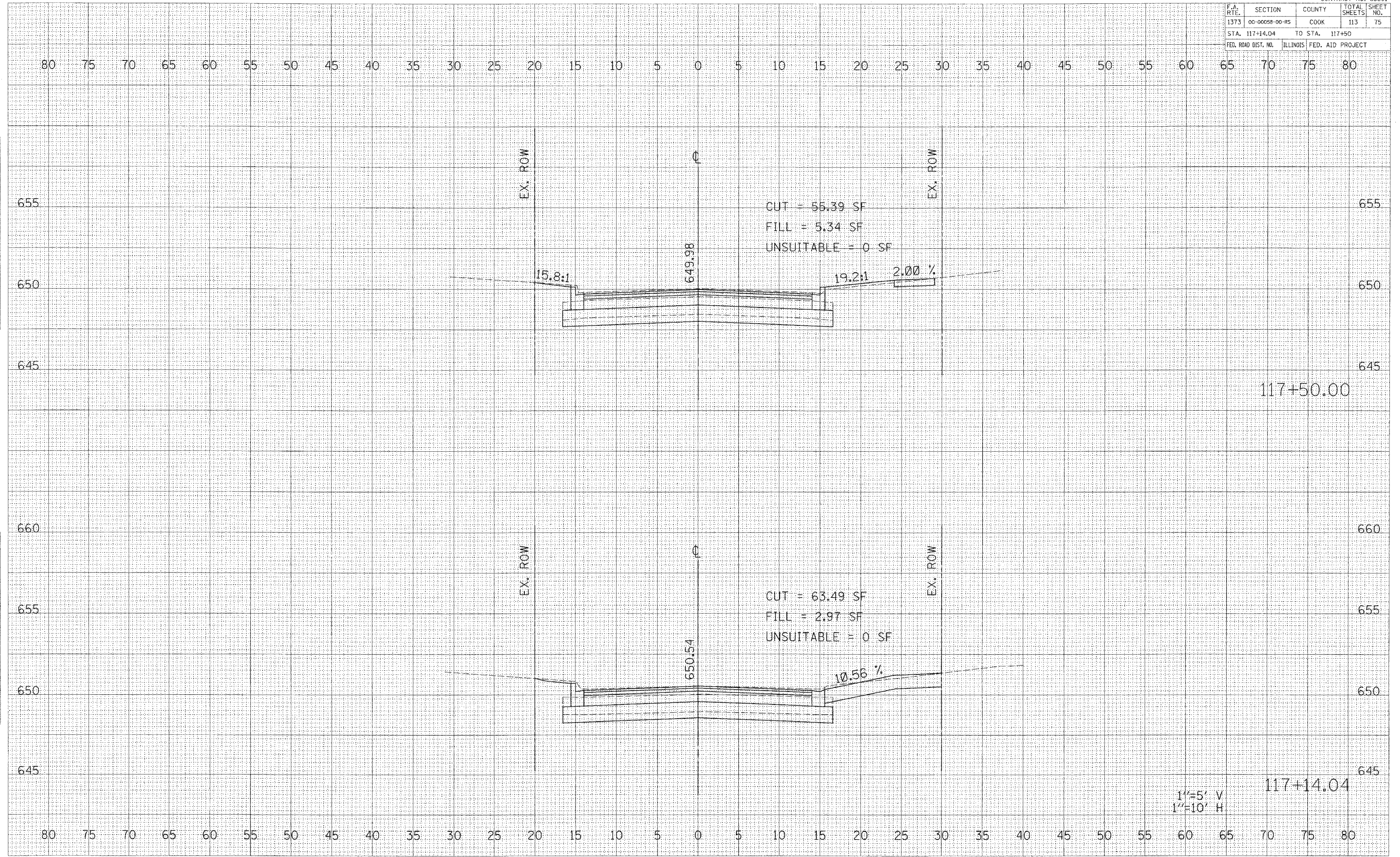
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1"=5' V  
 1"=10' H

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	75
STA. 117+14.04		TO STA. 117+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BELMONT AVENUE STA. 117+14.04 TO STA. 117+50

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SUPPLIED SURVEY \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
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 AREAS CHECKED \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
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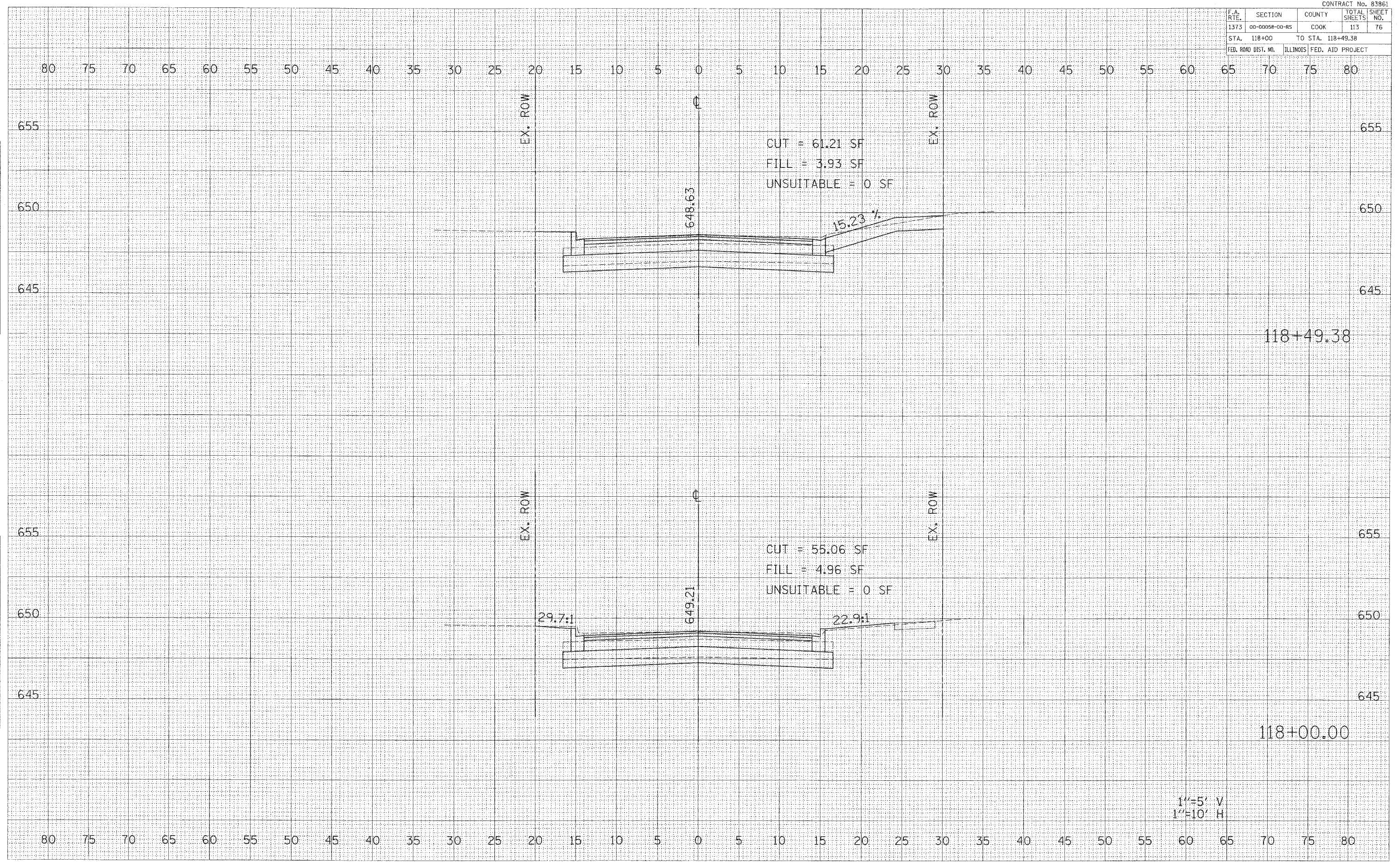
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	76
STA. 118+00		TO STA. 118+49.38		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

DATE: \_\_\_\_\_  
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1"=5' V  
 1"=10' H



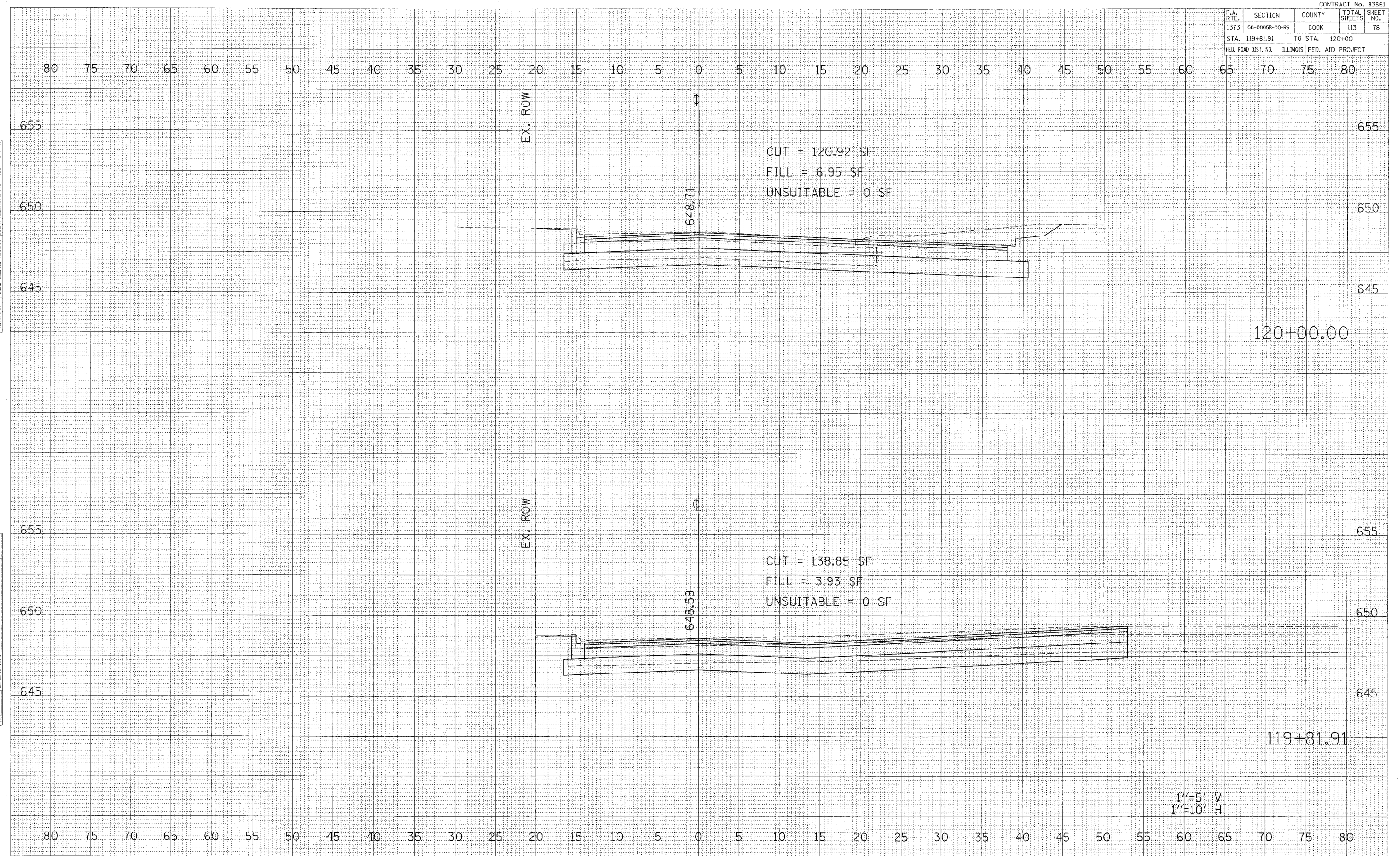
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	78
STA. 119+81.91		TO STA. 120+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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CUT = 120.92 SF  
 FILL = 6.95 SF  
 UNSUITABLE = 0 SF

CUT = 138.85 SF  
 FILL = 3.93 SF  
 UNSUITABLE = 0 SF

1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 119 + 81.91 TO STA. 120 + 00

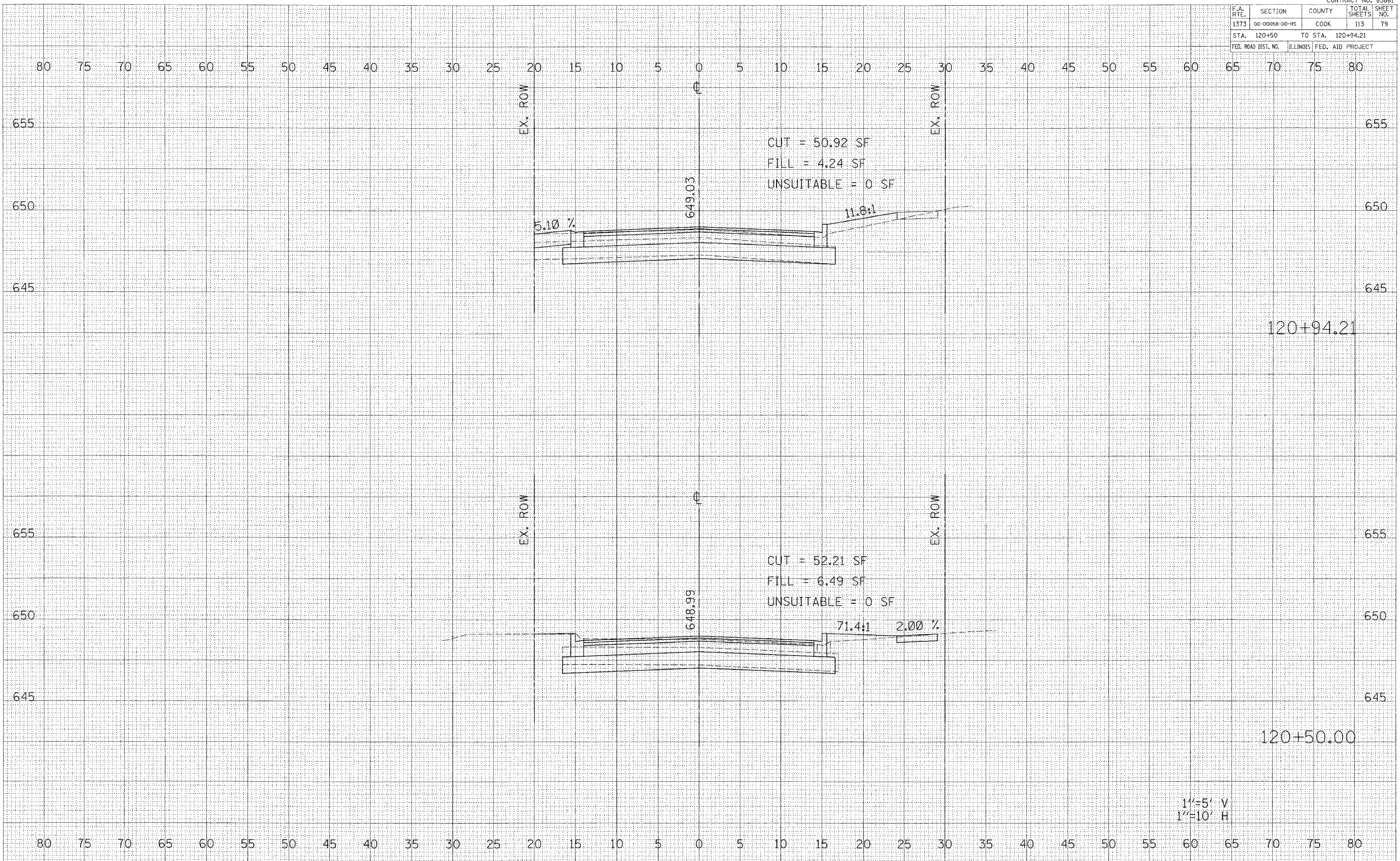
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	79
STA. 120+50		TO STA. 120+94.21		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEYED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
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DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEYED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
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 Sheet: 1 of 1  
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1"=5' V  
 1"=10' H

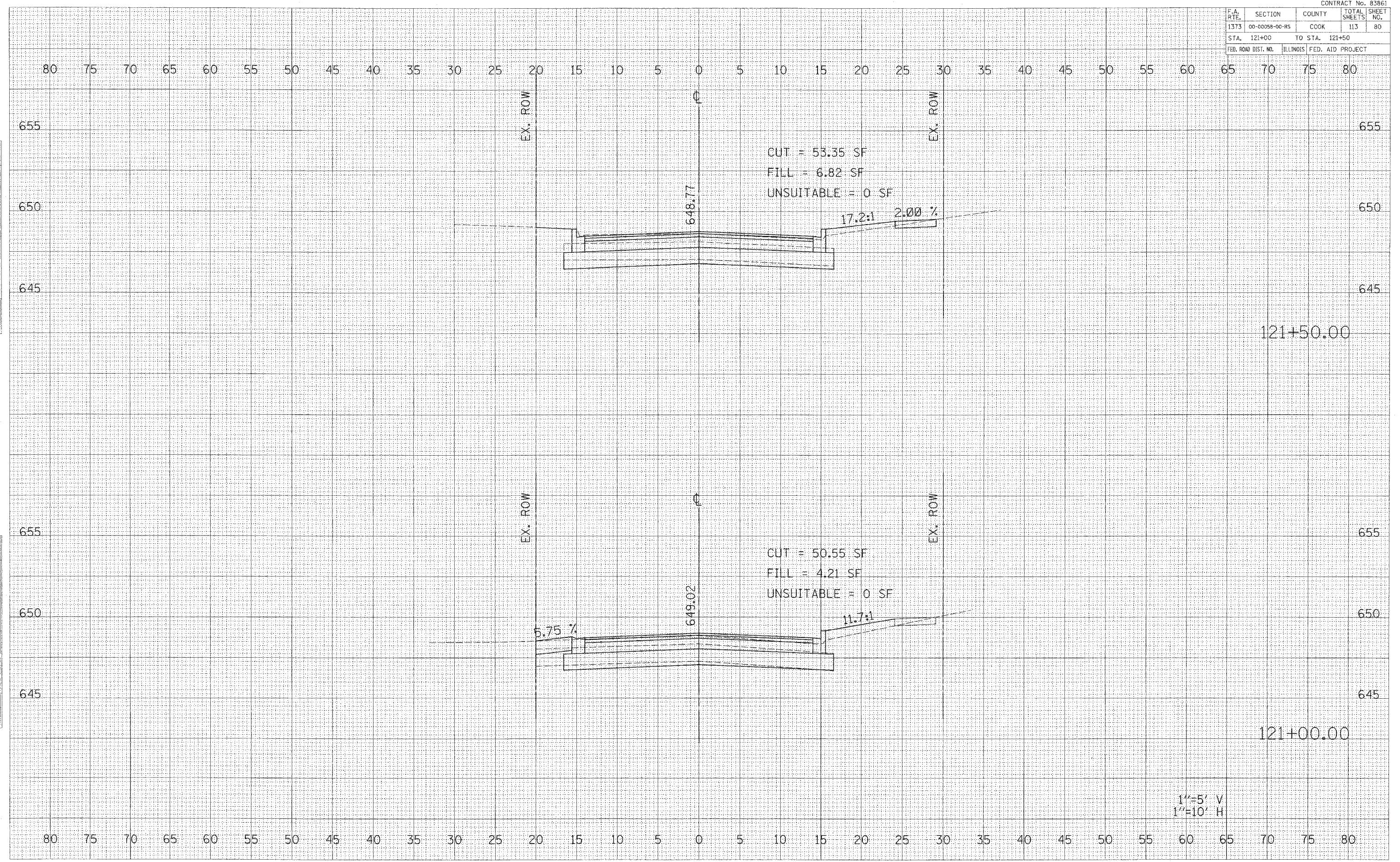
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	80
STA. 121+00		TO STA. 121+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE: \_\_\_\_\_  
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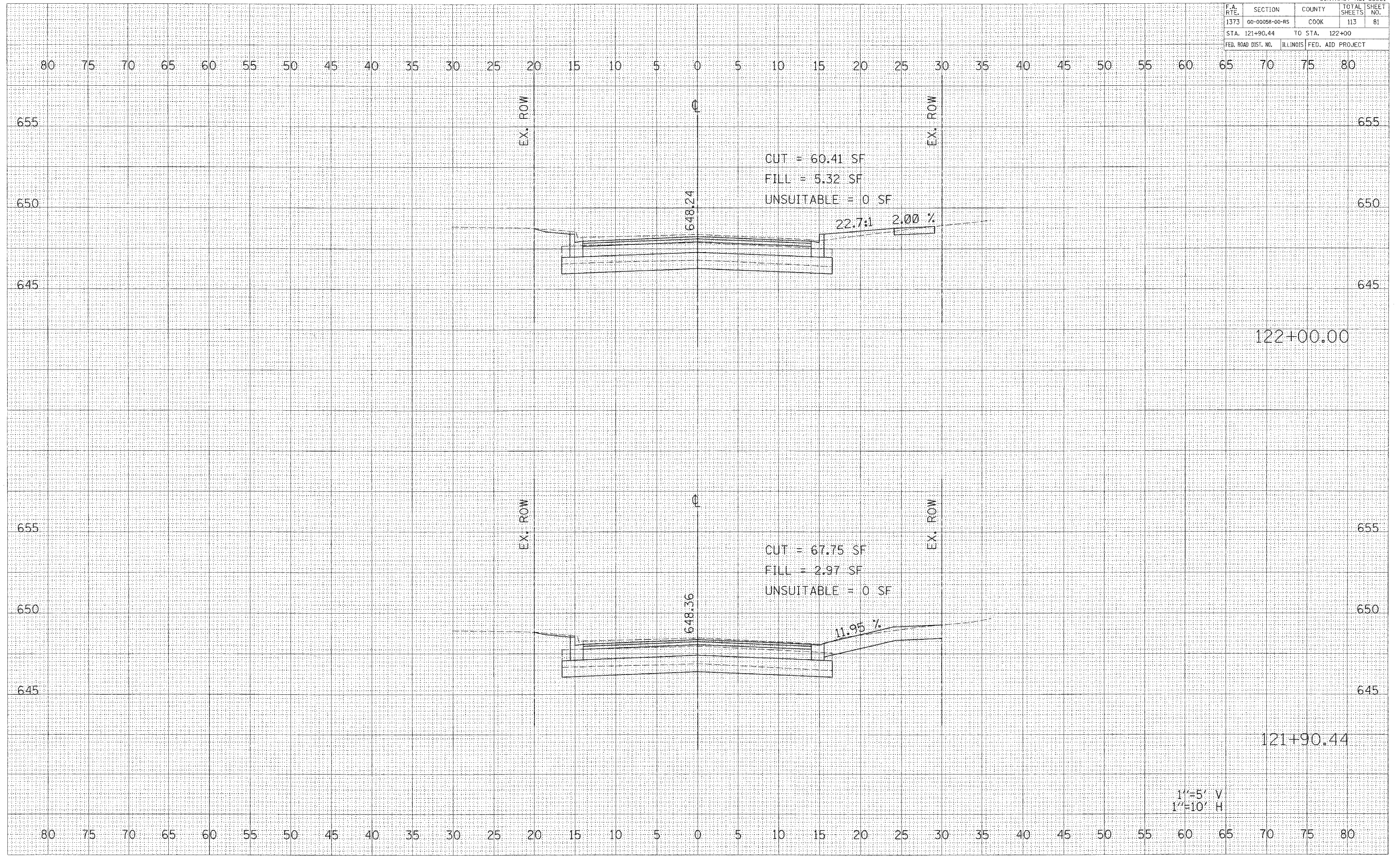
1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 121+00 TO STA. 121+50



CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	81
STA. 121+90.44		TO STA. 122+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



122+00.00

121+90.44

1"=5' V  
1"=10' H

BELMONT AVENUE STA. 121+90.44 TO STA. 122+00

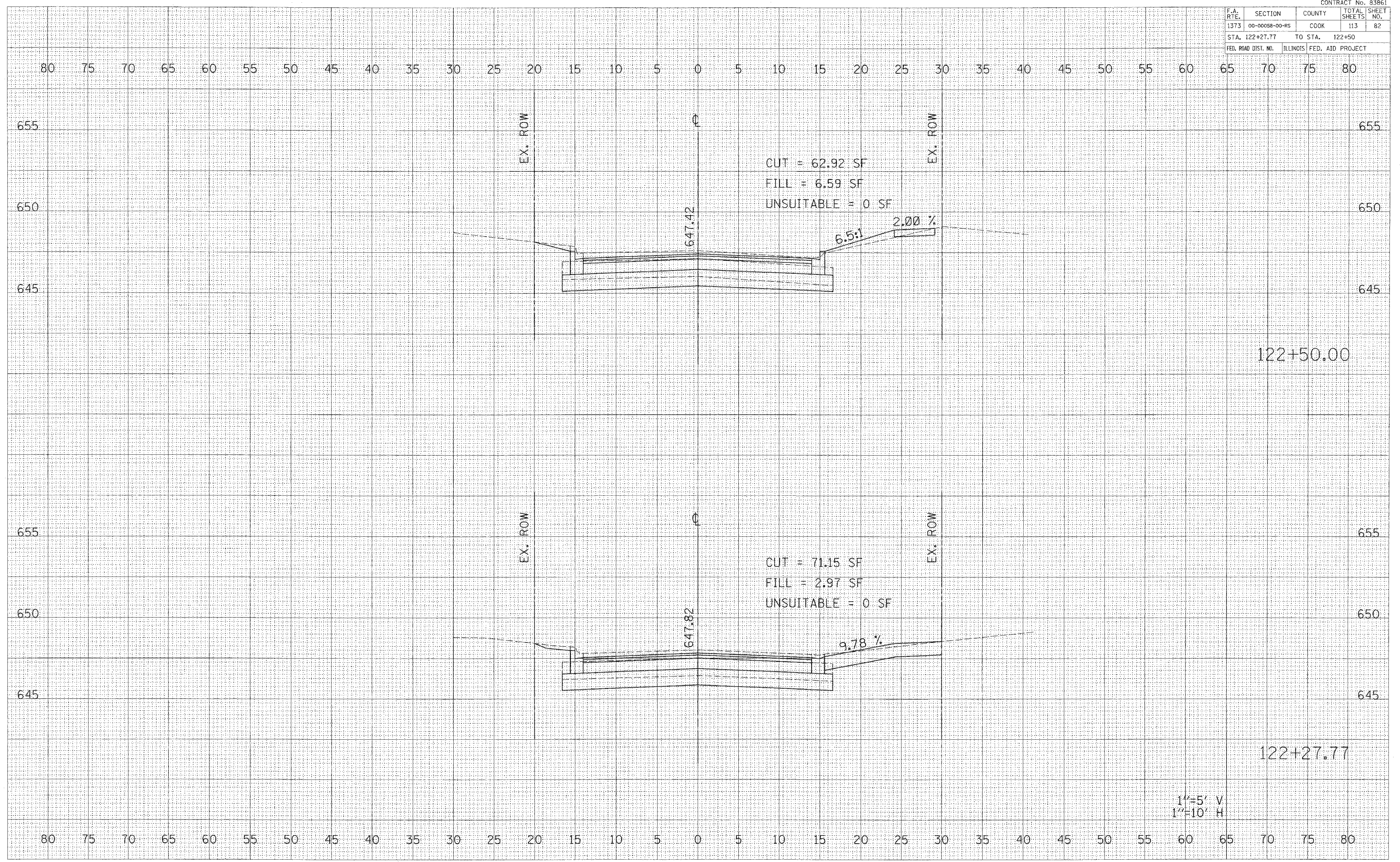
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CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	82
STA. 122+27.77		TO STA. 122+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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1"=5' V  
 1"=10' H



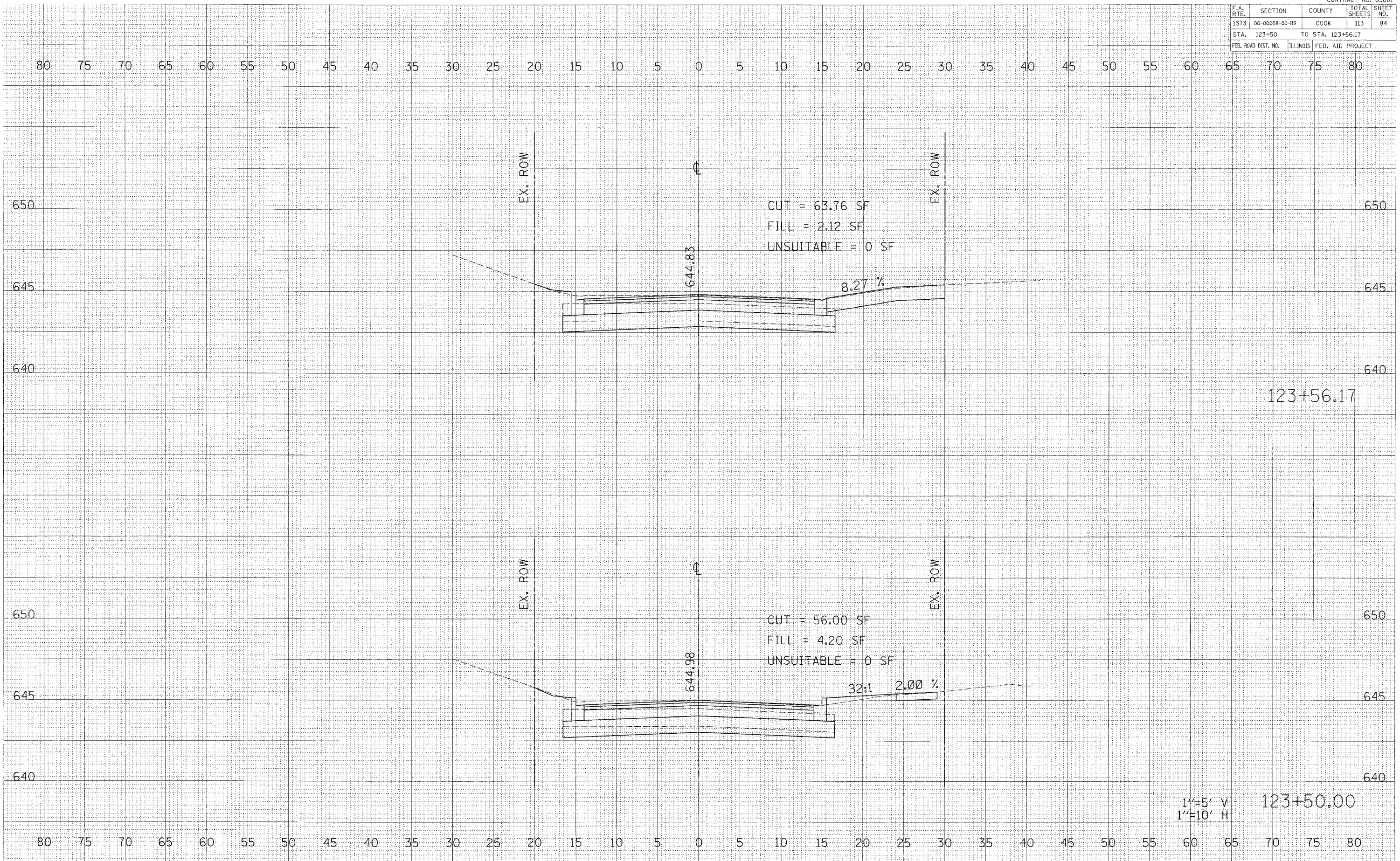
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-0005B-00-RS	COOK	113	84
STA. 123+50		TO STA. 123+56.17		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY \_\_\_\_\_ DATE \_\_\_\_\_  
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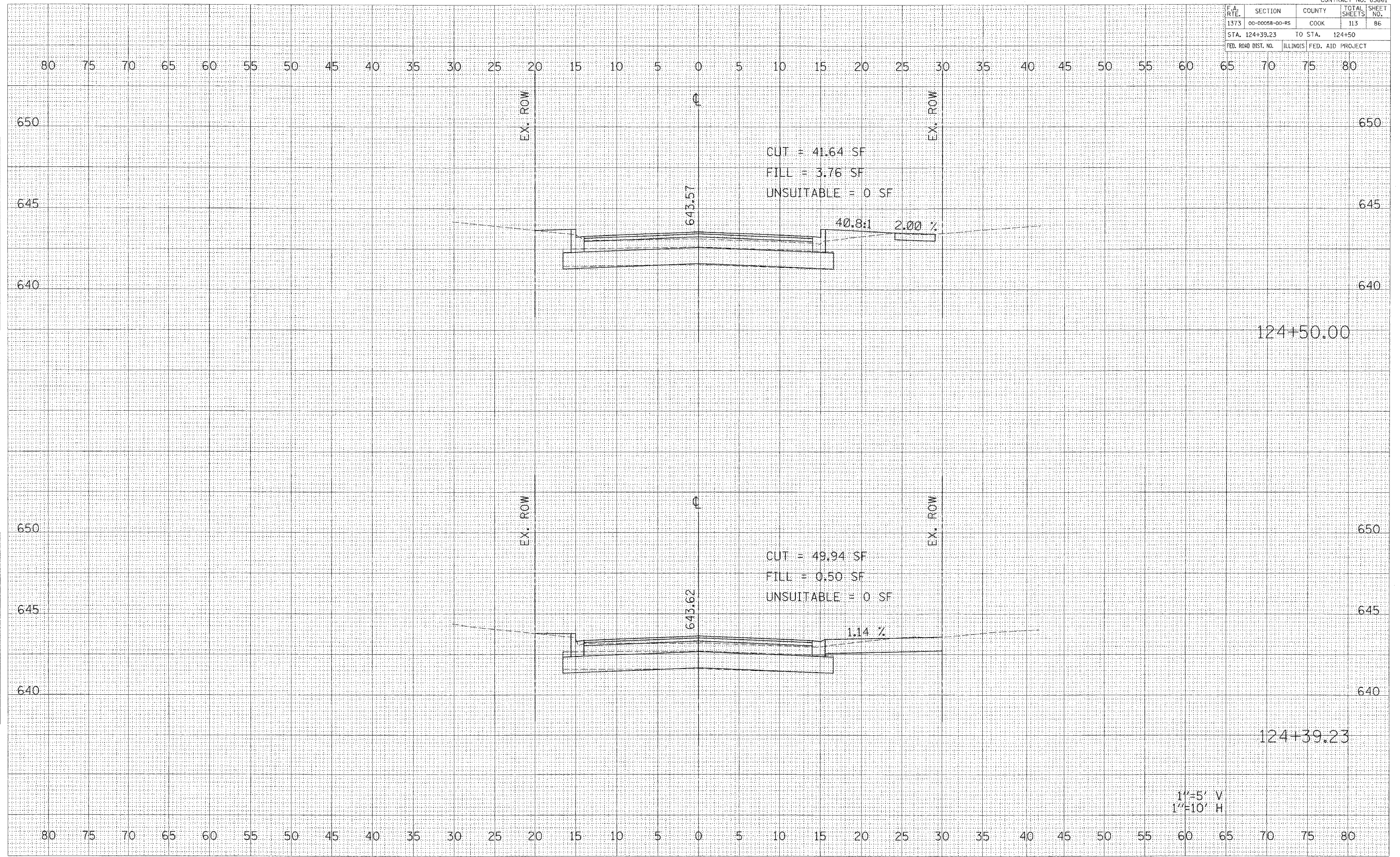


123+56.17  
 123+50.00  
 1"=5' V  
 1"=10' H



CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	86
STA. 124+39.23		TO STA. 124+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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1"=5' V  
 1"=10' H

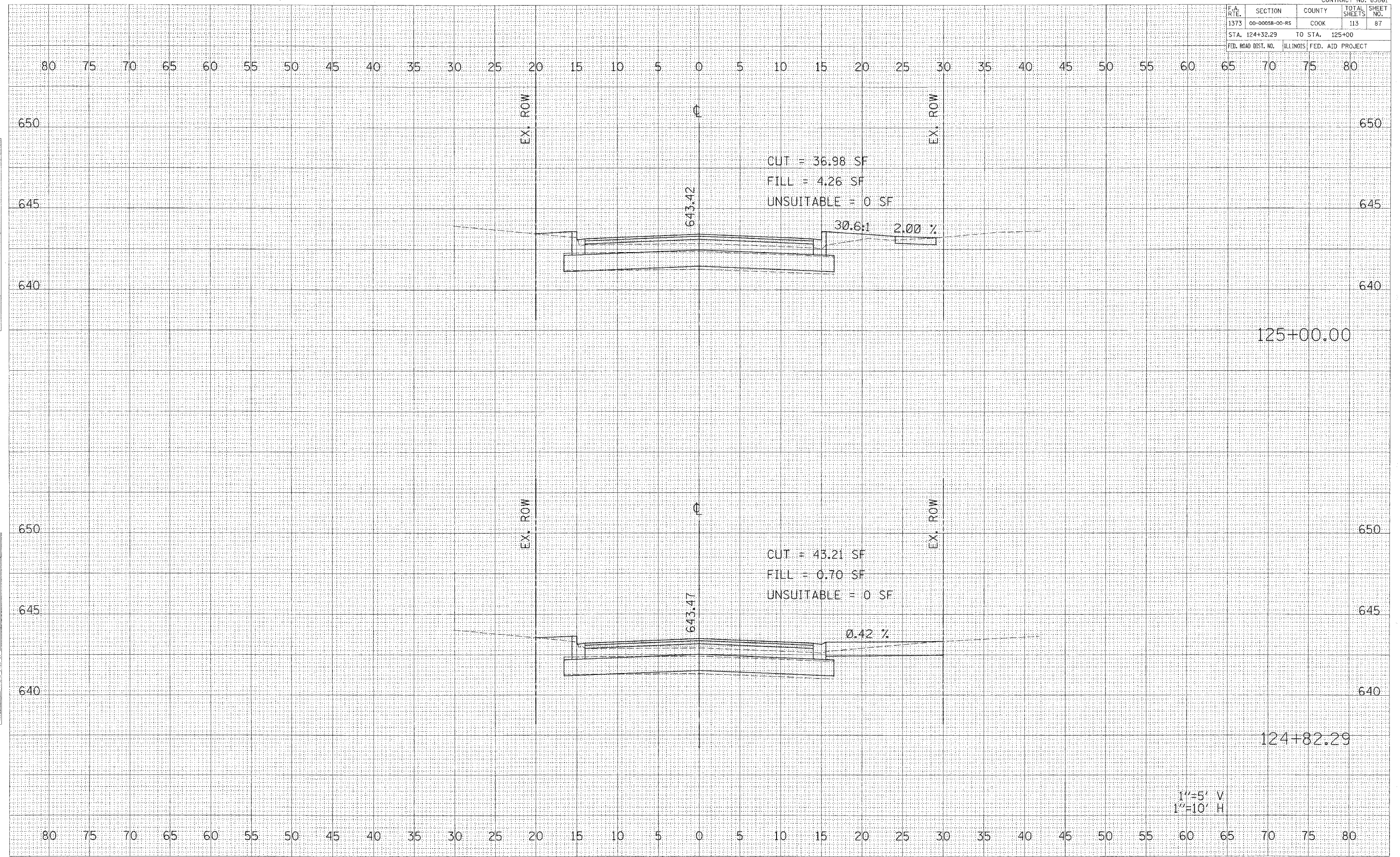
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	87
STA. 124+32.29		TO STA. 125+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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1"=5' V  
 1"=10' H





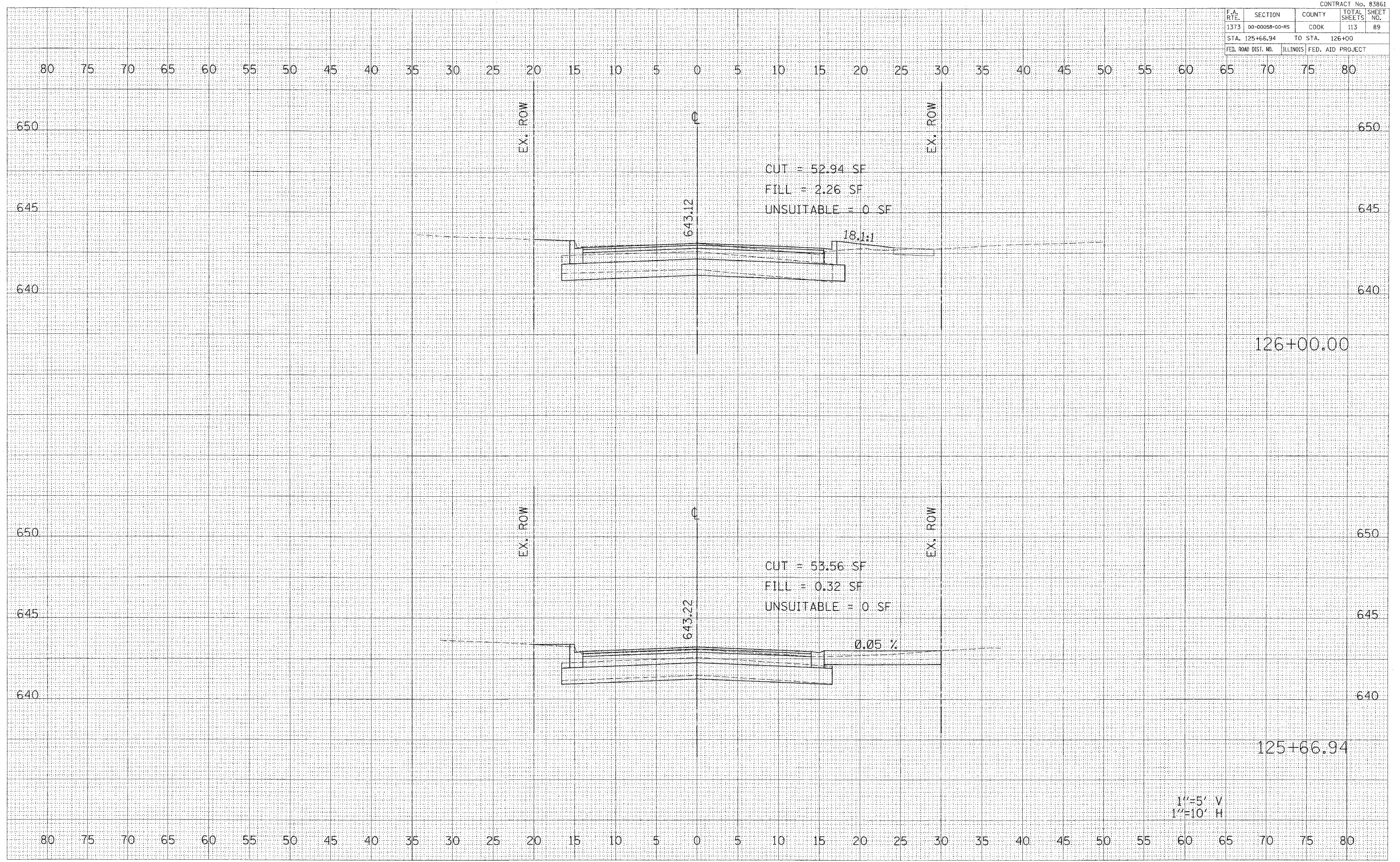
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	89
STA. 125+66.94		TO STA. 126+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

DATE: \_\_\_\_\_  
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BELMONT AVENUE STA. 125+66.94 TO STA. 126+00

1"=5' V  
 1"=10' H

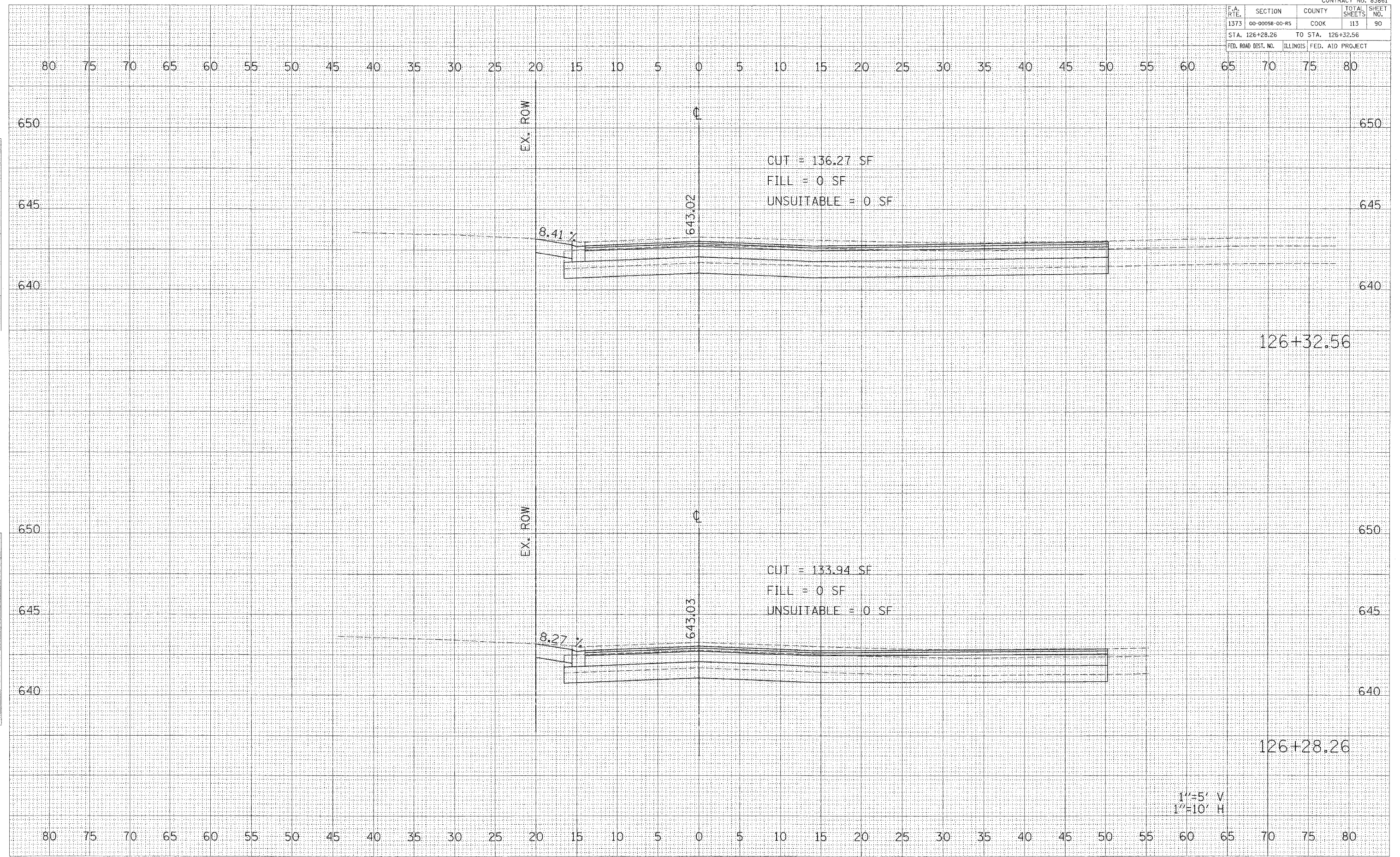
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	90
STA. 126+28.26		TO STA. 126+32.56		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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1"=5' V  
 1"=10' H

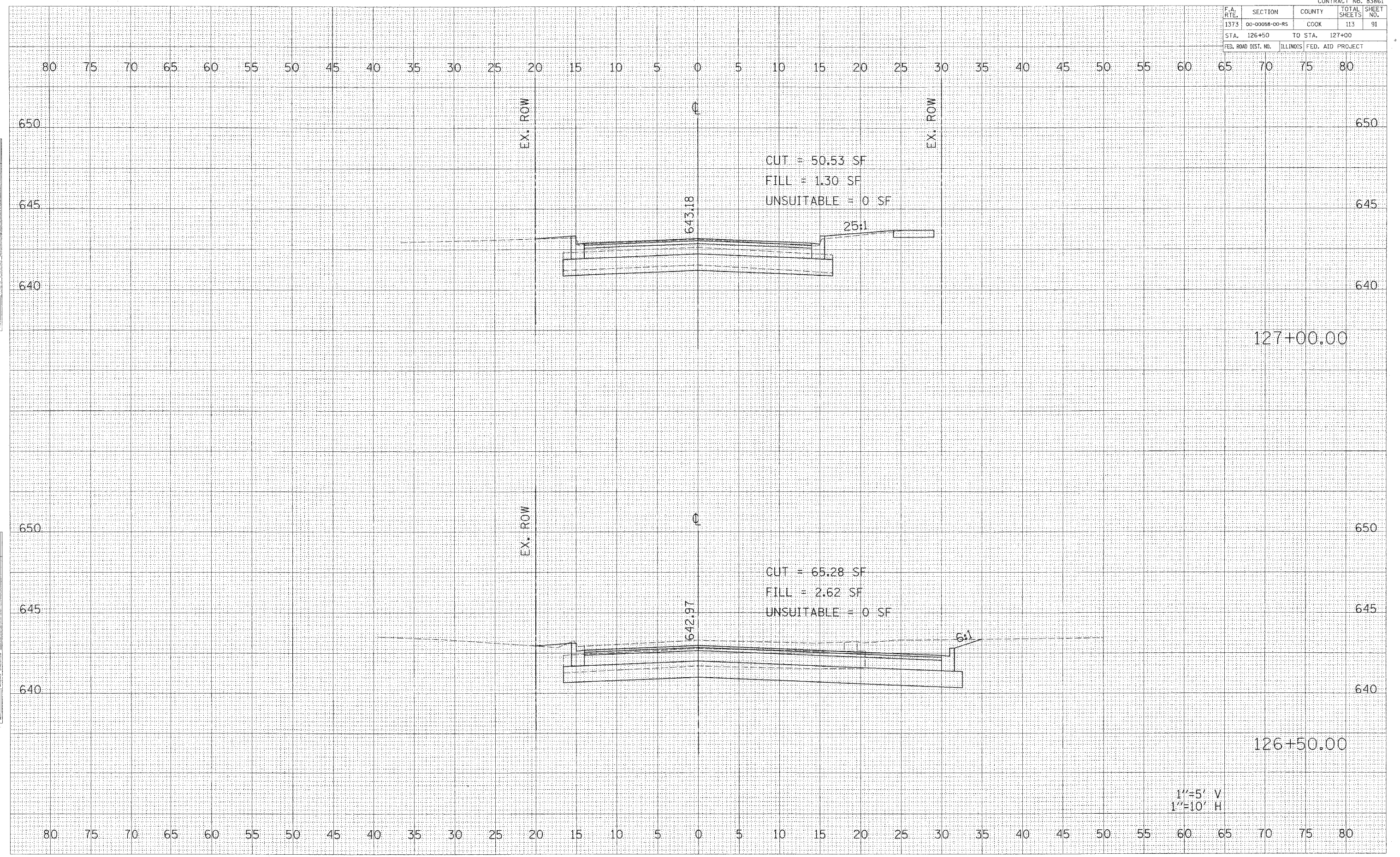
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00088-00-RS	COOK	113	91
STA. 126+50		TO STA. 127+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE \_\_\_\_\_  
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 SURVEYED \_\_\_\_\_  
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 NOTE BOOK \_\_\_\_\_  
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1"=5' V  
 1"=10' H

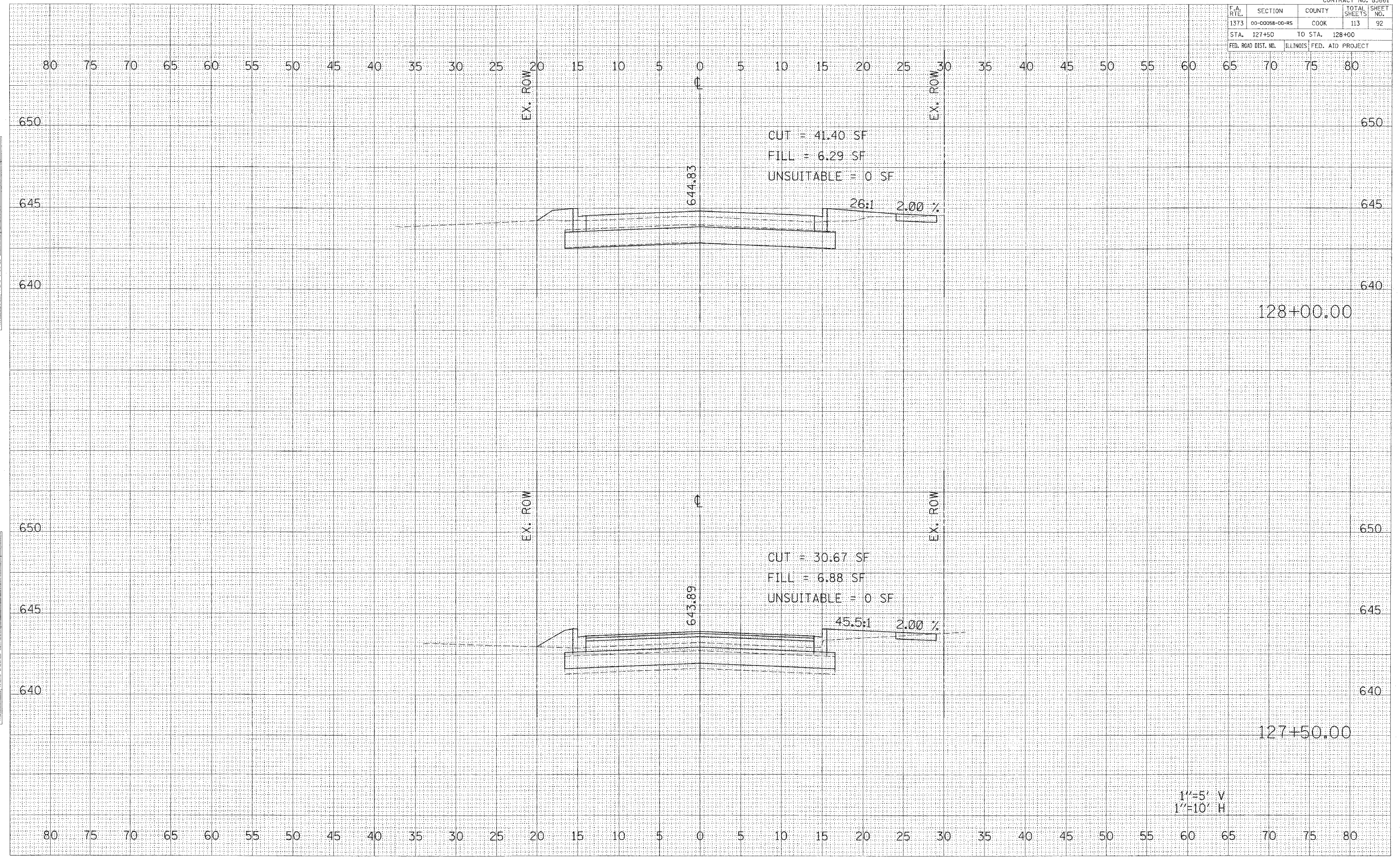
BELMONT AVENUE STA. 126+50 TO STA. 127+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	92
STA. 127+50		TO STA. 128+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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NOTE BOOK	
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NOTE BOOK	
AREAS CHECKED	

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CUT = 41.40 SF  
 FILL = 6.29 SF  
 UNSUITABLE = 0 SF

CUT = 30.67 SF  
 FILL = 6.88 SF  
 UNSUITABLE = 0 SF

1"=5' V  
 1"=10' H

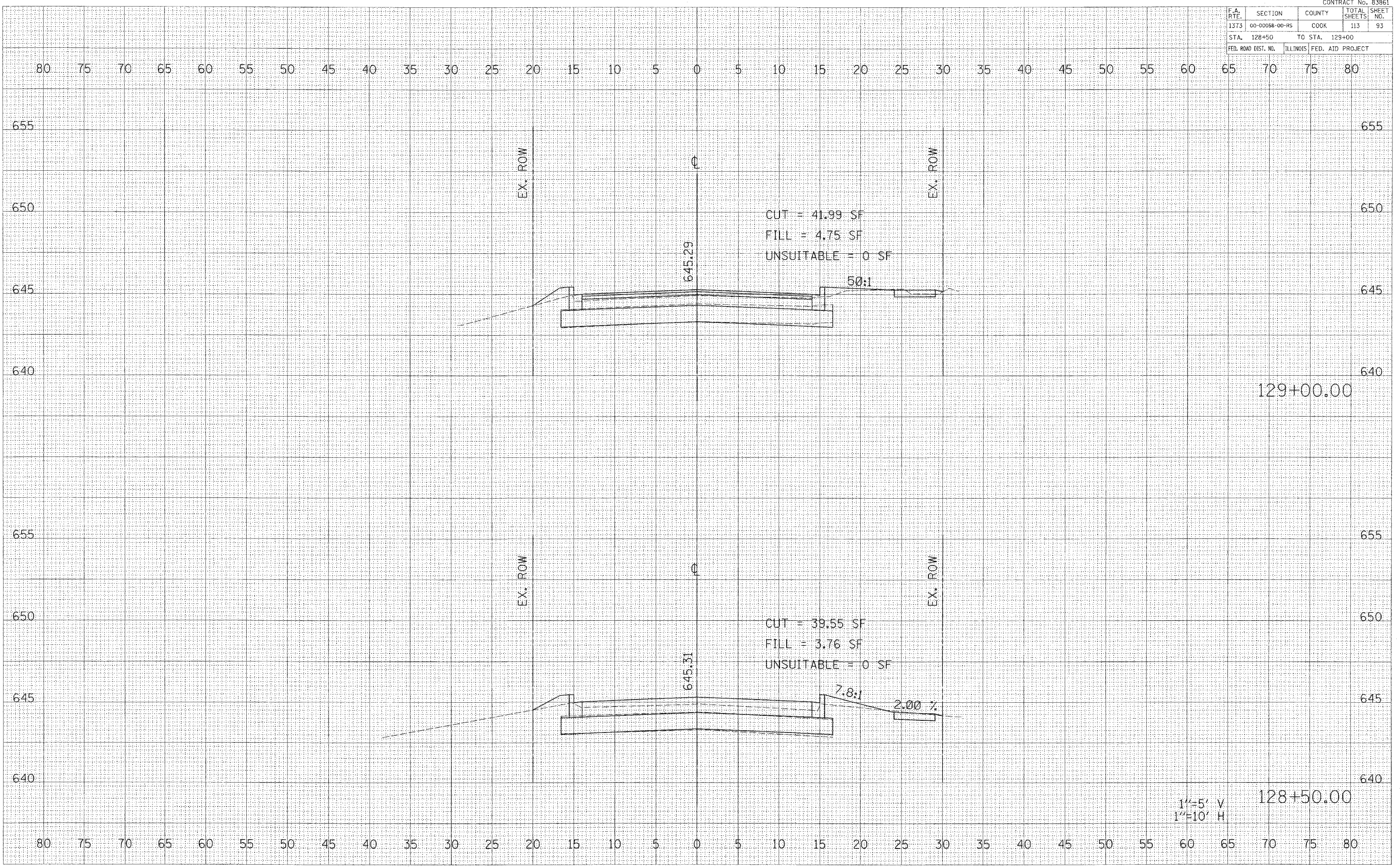
CONTRACT No. 83861

F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	93
STA. 128+50		TO STA. 129+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	BY

DATE	BY

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CUT = 41.99 SF  
 FILL = 4.75 SF  
 UNSUITABLE = 0 SF

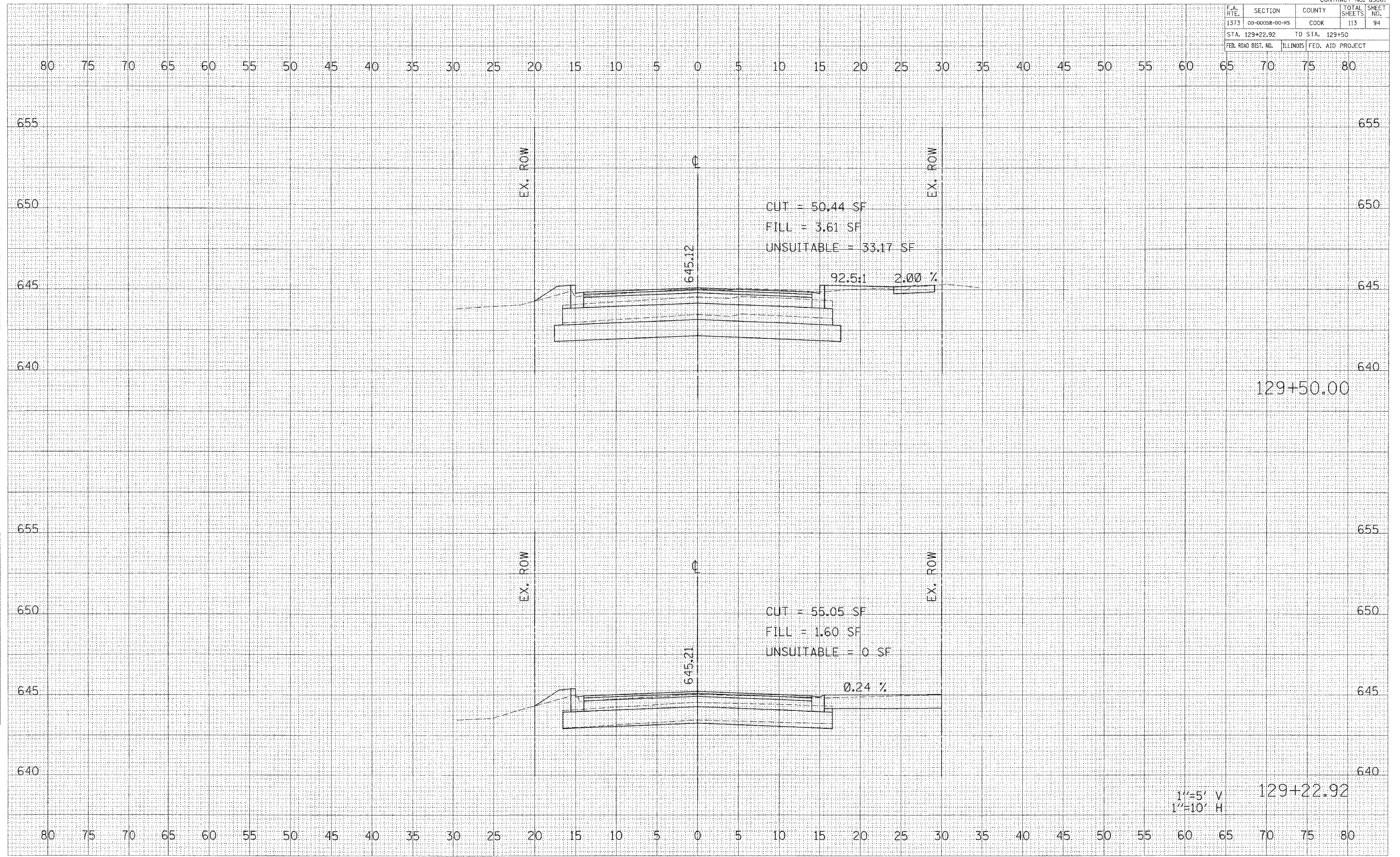
CUT = 39.55 SF  
 FILL = 3.76 SF  
 UNSUITABLE = 0 SF

1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 128+50 TO STA. 129+00

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	94
STA. 129+22.92		TO STA. 129+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



129+50.00

129+22.92

1"=5' V  
1"=10' H

BELMONT AVENUE STA. 129+22.92 TO STA. 129+50

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
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DATE \_\_\_\_\_ BY \_\_\_\_\_  
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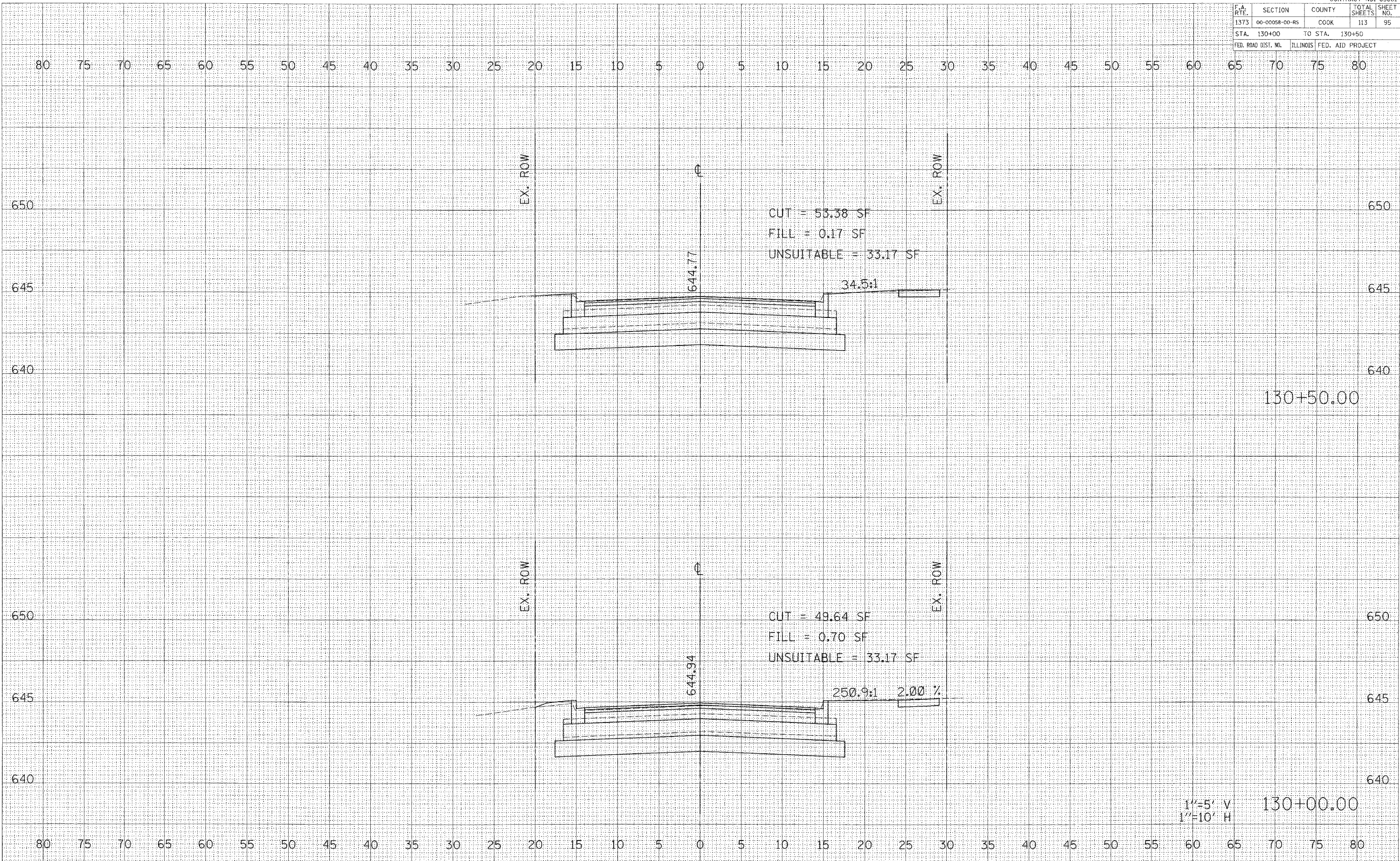
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	95
STA. 130+00		TO STA. 130+50		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
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 AREAS CHECKED \_\_\_\_\_

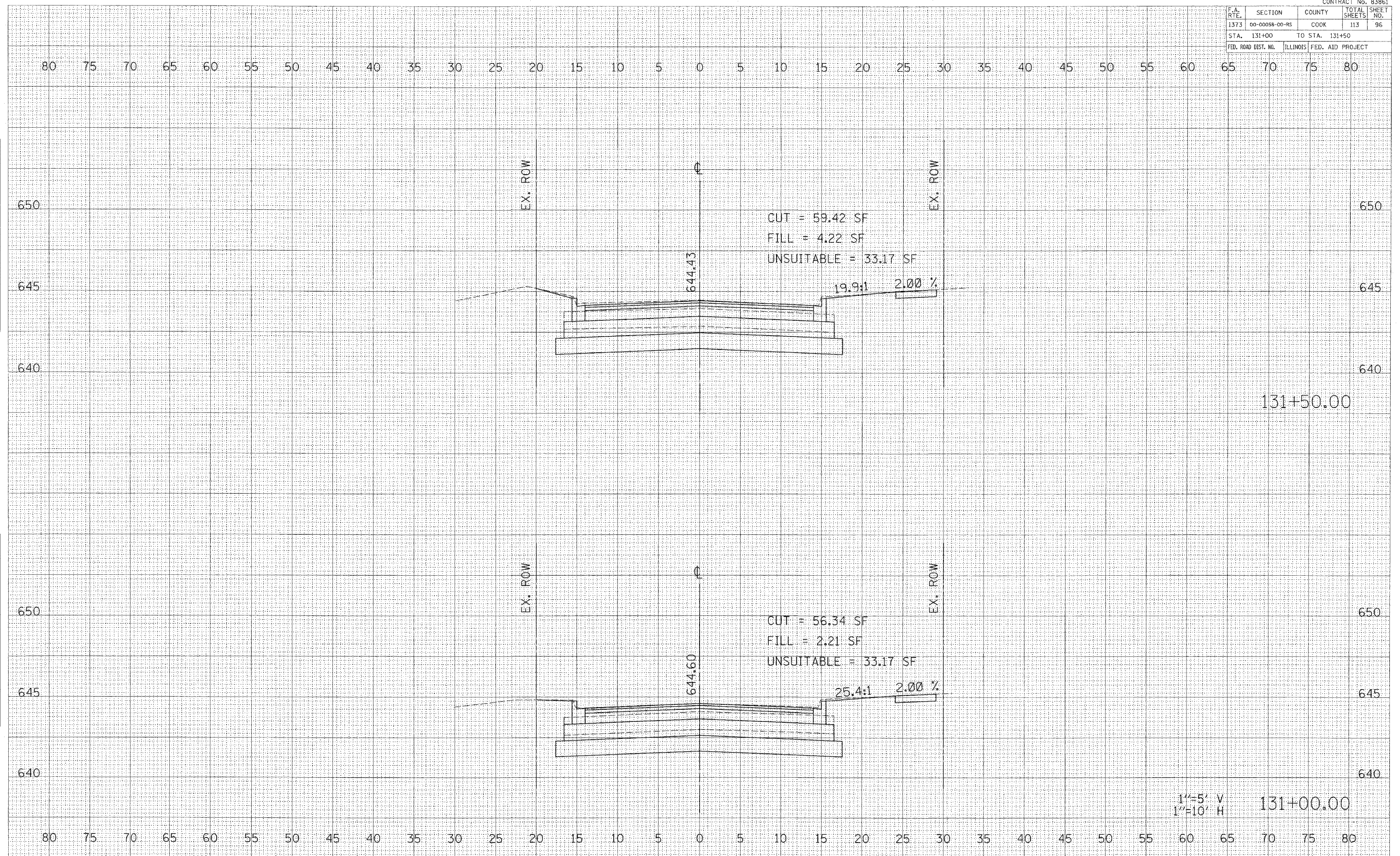
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1"=5' V  
 1"=10' H

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	96
STA. 131+00	TO STA. 131+50			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BELMONT AVENUE STA. 131+00 TO STA. 131+50

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

FINISH SURVEYED SURVEYED SURVEYED

NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

ORIGINAL SURVEYED SURVEYED SURVEYED

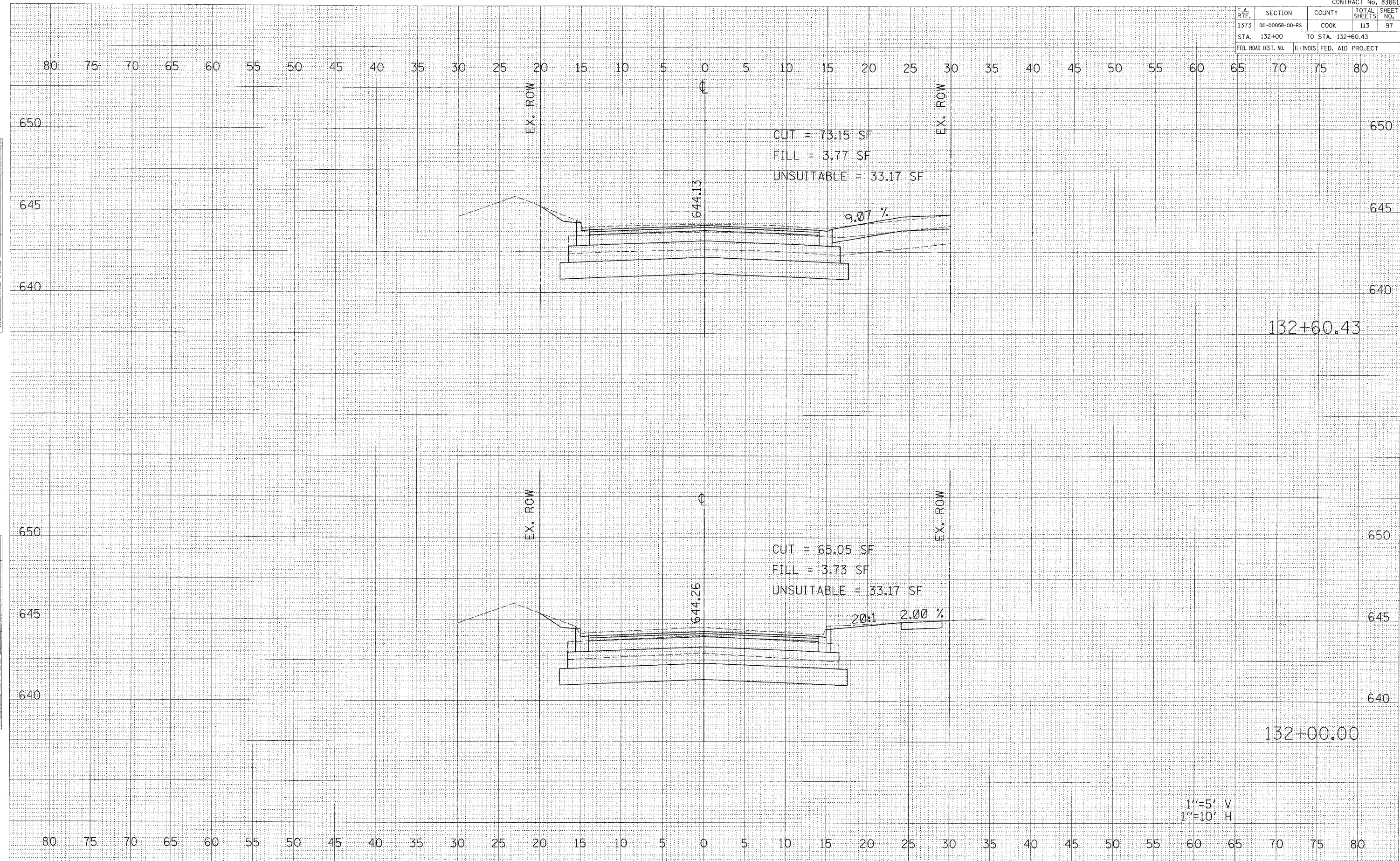
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CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-R5	COOK	113	97
STA. 132+00		TO STA. 132+60.43		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
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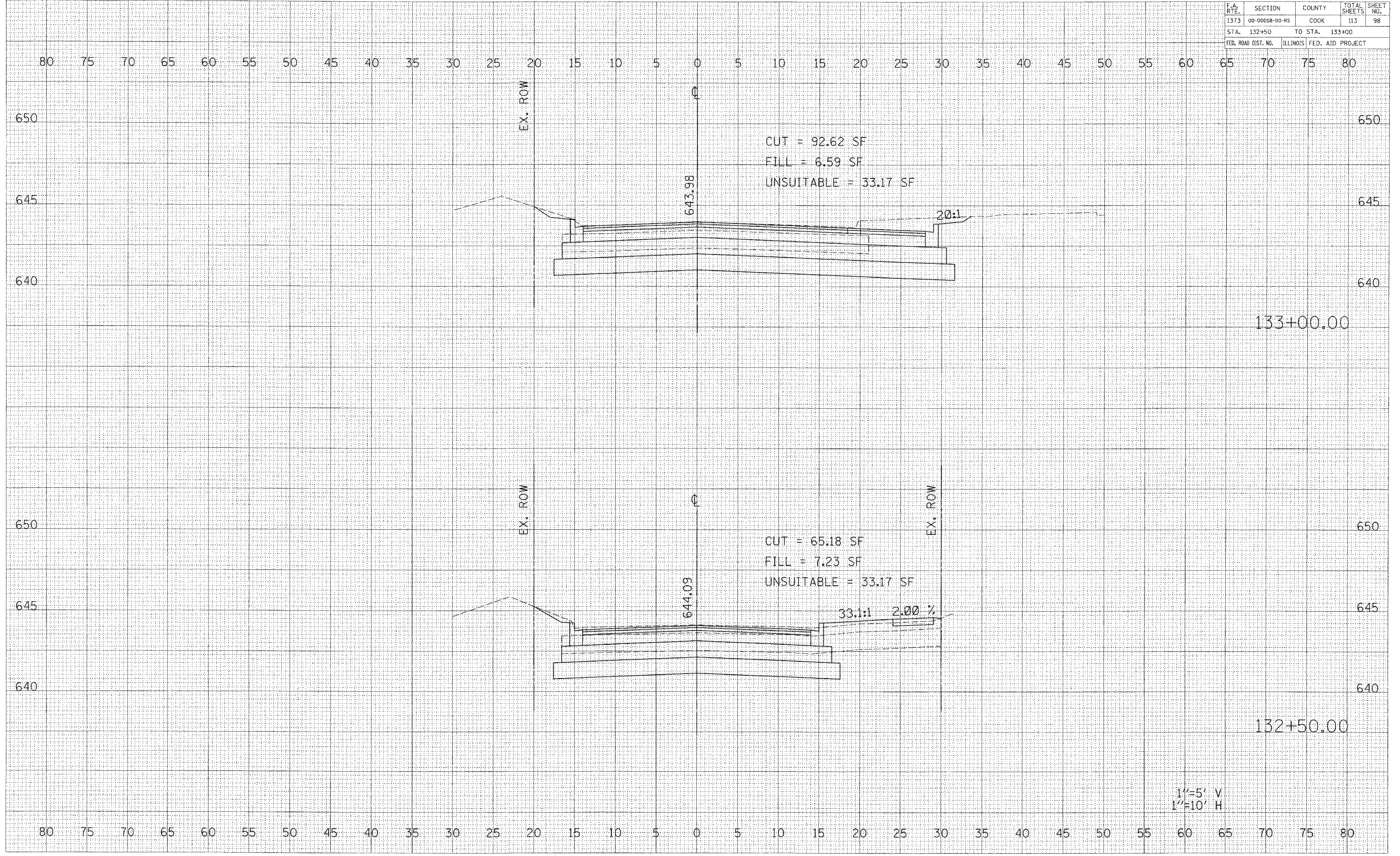
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1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 132+00 TO STA. 132+60.43

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	98
STA. 132+50		TO STA. 133+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1"=5' V  
1"=10' H

BELMONT AVENUE STA. 132+50 TO STA. 133+00

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

APPROVED SURVEY: \_\_\_\_\_

NOTE BOOK: \_\_\_\_\_

NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

ORIGINAL SURVEY: \_\_\_\_\_

NOTE BOOK: \_\_\_\_\_

NO. \_\_\_\_\_

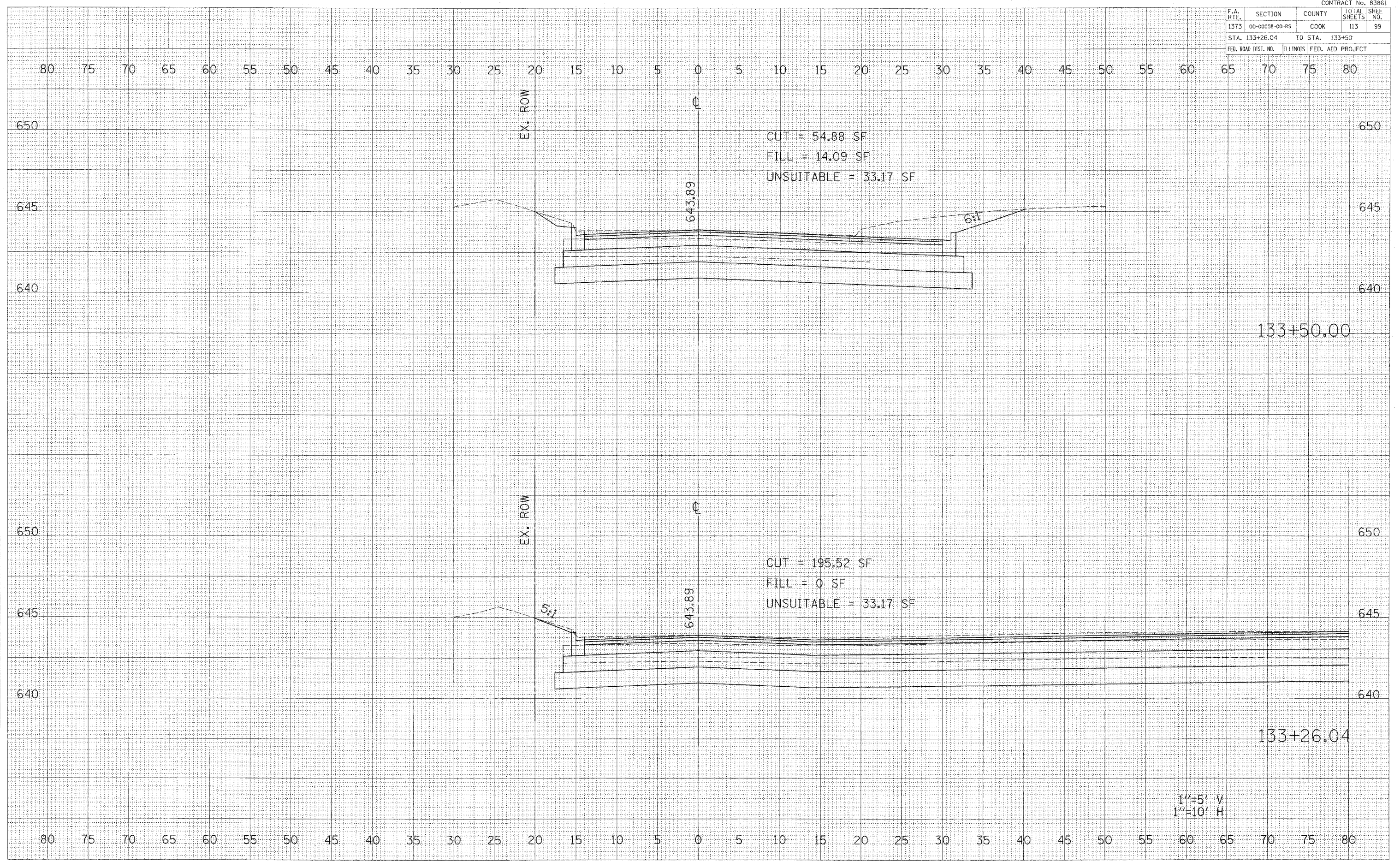
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CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	99
STA. 133+26.04		TO STA. 133+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CUT = 54.88 SF  
 FILL = 14.09 SF  
 UNSUITABLE = 33.17 SF

CUT = 195.52 SF  
 FILL = 0 SF  
 UNSUITABLE = 33.17 SF

1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 133+26.04 TO STA. 133+50

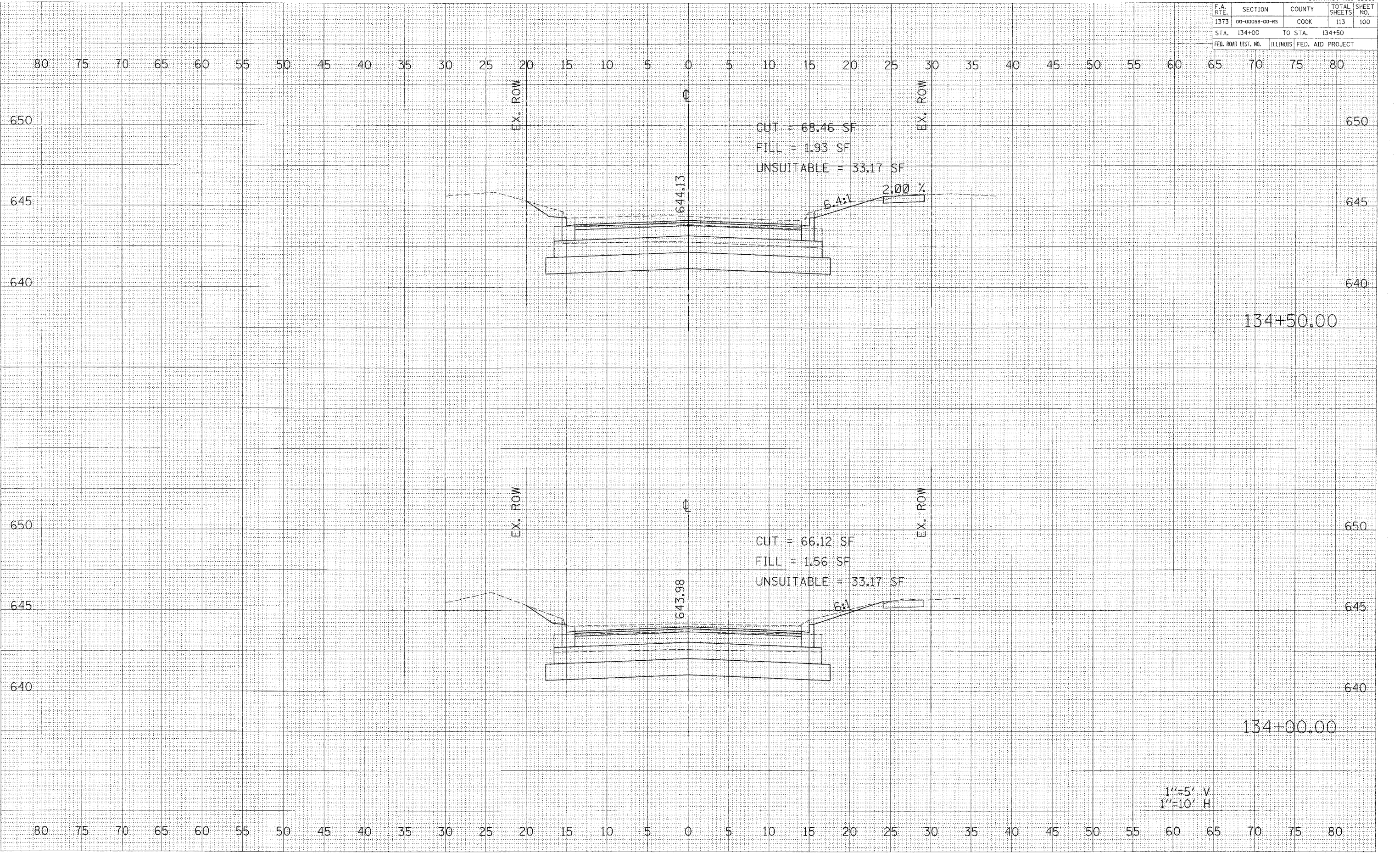
DATE  
 BY  
 SURVEYED  
 SURVEY  
 TEMPLATE  
 NOTE BOOK  
 AREAS CHECKED  
 NO.

DATE  
 BY  
 ORIGINAL  
 SURVEY  
 TEMPLATE  
 NOTE BOOK  
 AREAS CHECKED  
 NO.

DATE: 5/23/2006  
 TIME: 4:39:25 PM

CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00088-00-RS	COOK	113	100
STA. 134+00		TO STA. 134+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

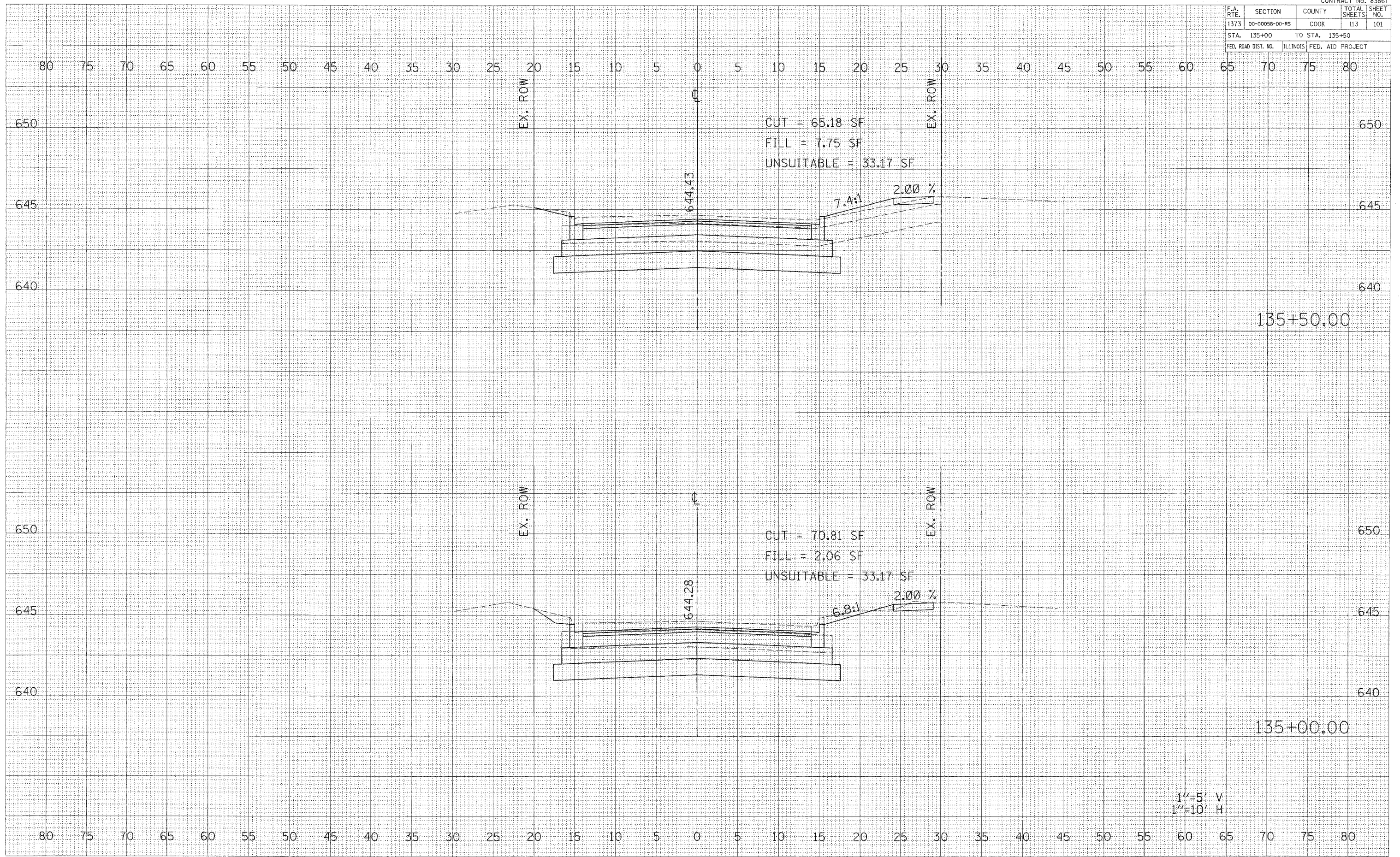


DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 ORIGINAL SURVEY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 TYPED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 ORIGINAL SURVEY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 TYPED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

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CONTRACT No. 83861				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	101
STA. 135+00		TO STA. 135+50		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



DATE	BY
FINAL SURVEY	REVISIONS
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

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

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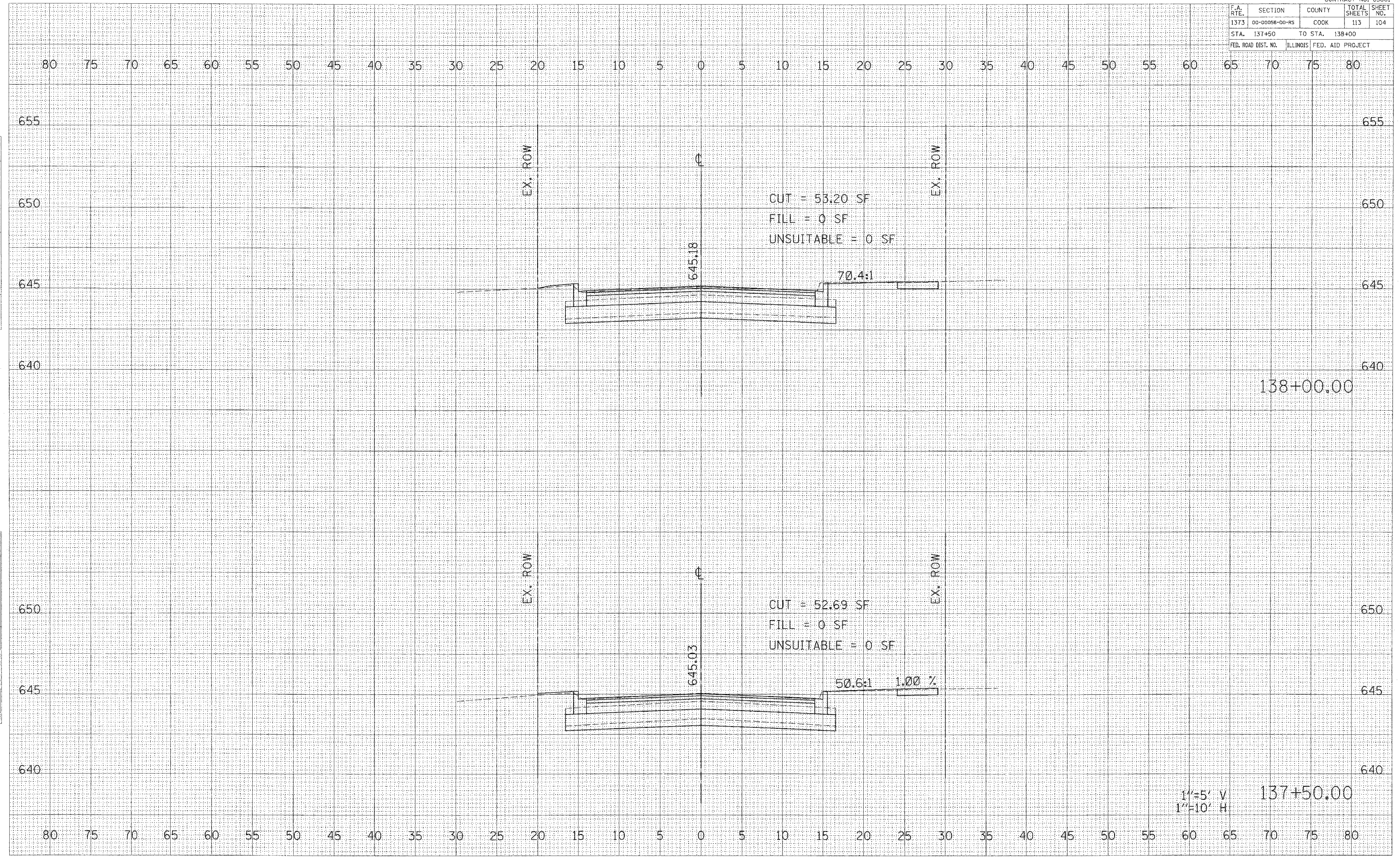
1"=5' V  
 1"=10' H





CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	104
STA. 137+50		TO STA. 138+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 FINAL SURVEY: \_\_\_\_\_ NOTE BOOK: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 ORIGINAL SURVEY: \_\_\_\_\_ NOTE BOOK: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

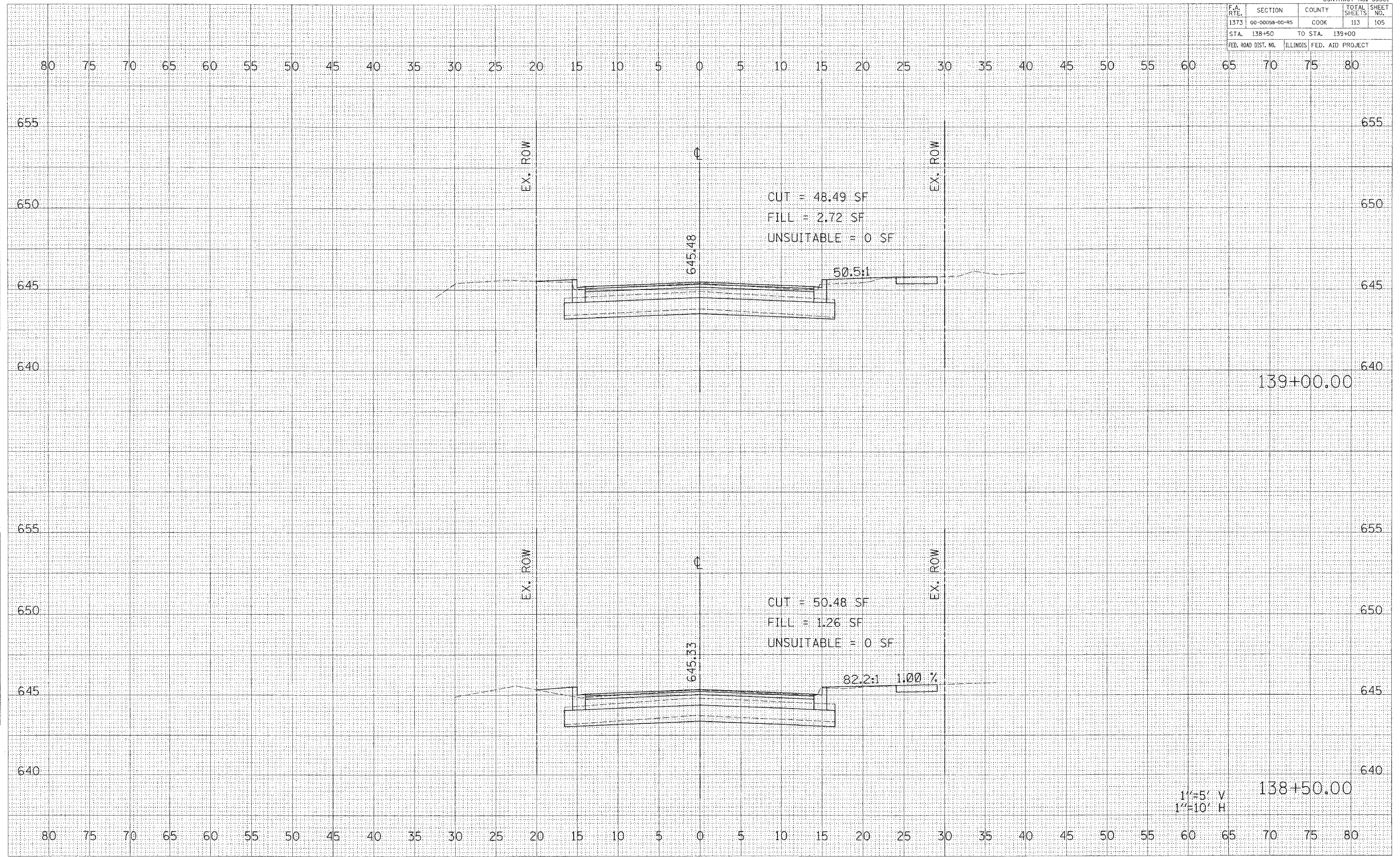
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1"=5' V  
 1"=10' H

BELMONT AVENUE STA. 137+50 TO STA. 138+00



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	105
STA. 138+50		TO STA. 139+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BELMONT AVENUE STA. 138+50 TO STA. 139+00

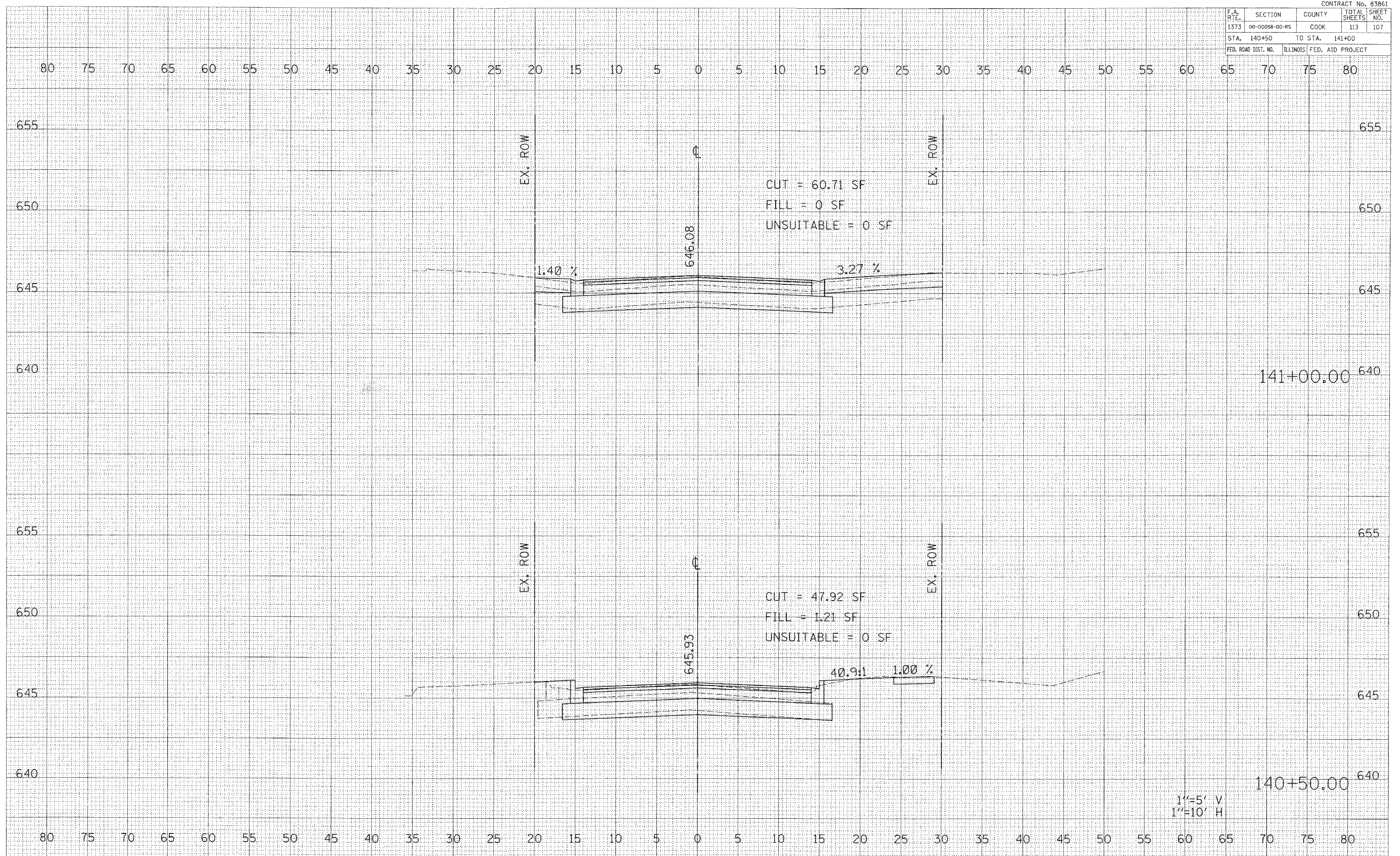
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 SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREA'S \_\_\_\_\_  
 AREA'S CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREA'S \_\_\_\_\_  
 AREA'S CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

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CONTRACT No. 83861				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	107
STA.	140+50	TO STA.	141+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BELMONT AVENUE STA. 140+50 TO STA. 141+00

1"=5' V  
 1"=10' H

FINAL  
 SURVEY  
 NOTE BOOK  
 AREAS CHECKED

ORIGINAL  
 SURVEY  
 NOTE BOOK  
 AREAS CHECKED

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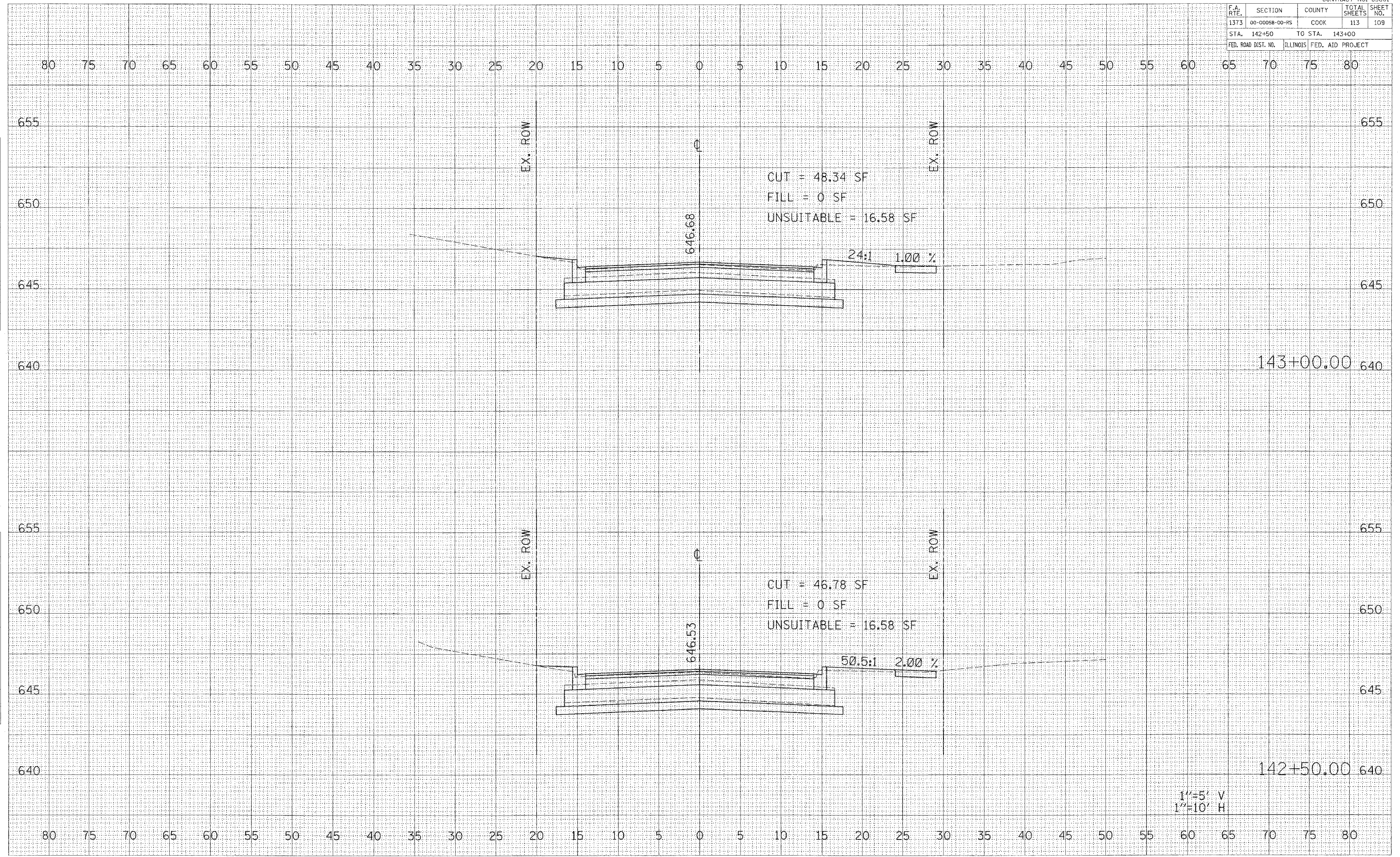
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	109
STA. 142+50		TO STA. 143+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SUPERVISED SURVEY: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
TEMPLATE: \_\_\_\_\_  
AREAS CHECKED: \_\_\_\_\_  
NO.:

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SUPERVISED SURVEY: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
TEMPLATE: \_\_\_\_\_  
AREAS CHECKED: \_\_\_\_\_  
NO.:

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4:38:51 PM



1"=5' V  
1"=10' H

BELMONT AVENUE STA. 142+50 TO STA. 143+00



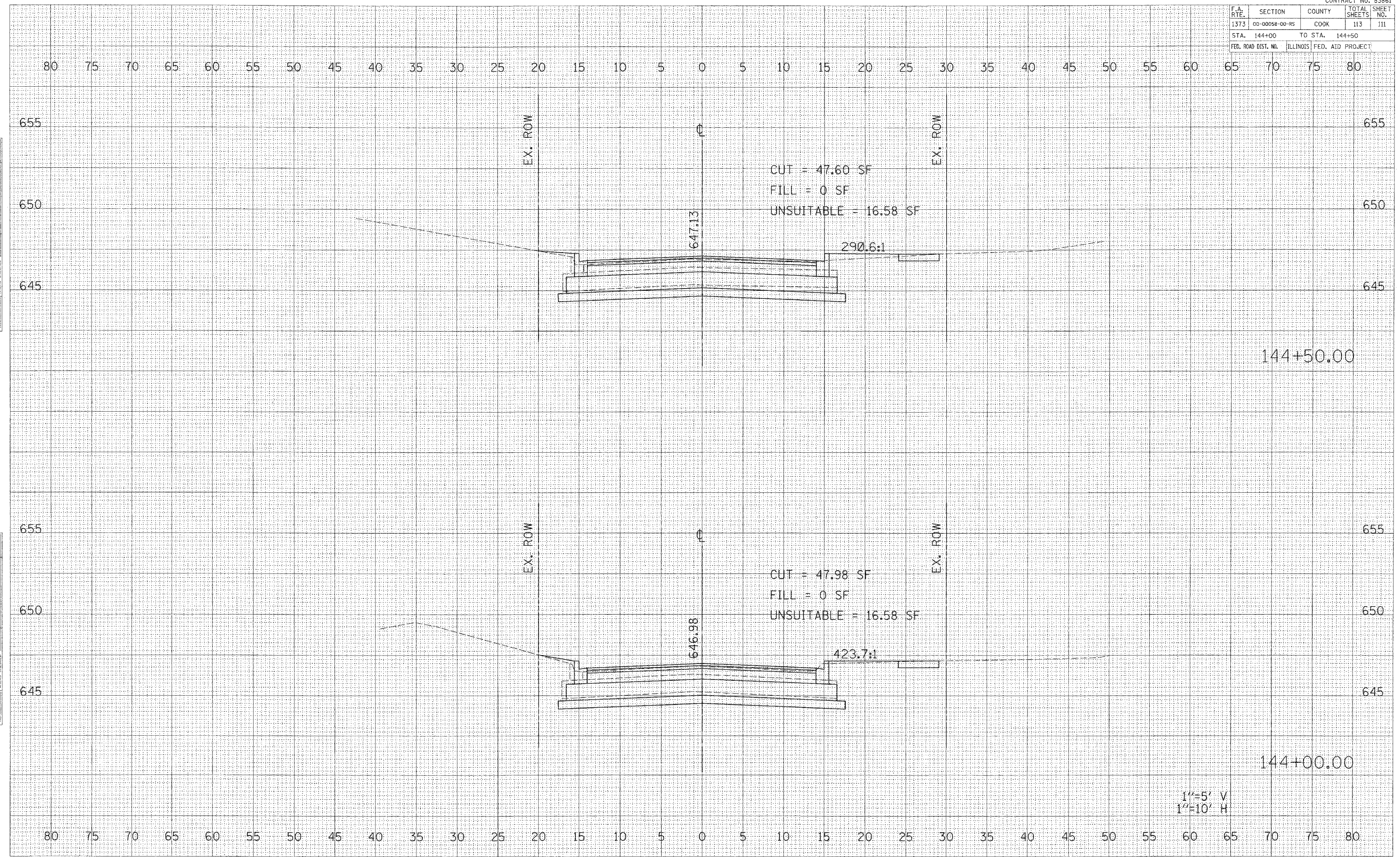
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	111
STA. 144+00		TO STA. 144+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 SHARDED SURVEY \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 SHARDED SURVEY \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

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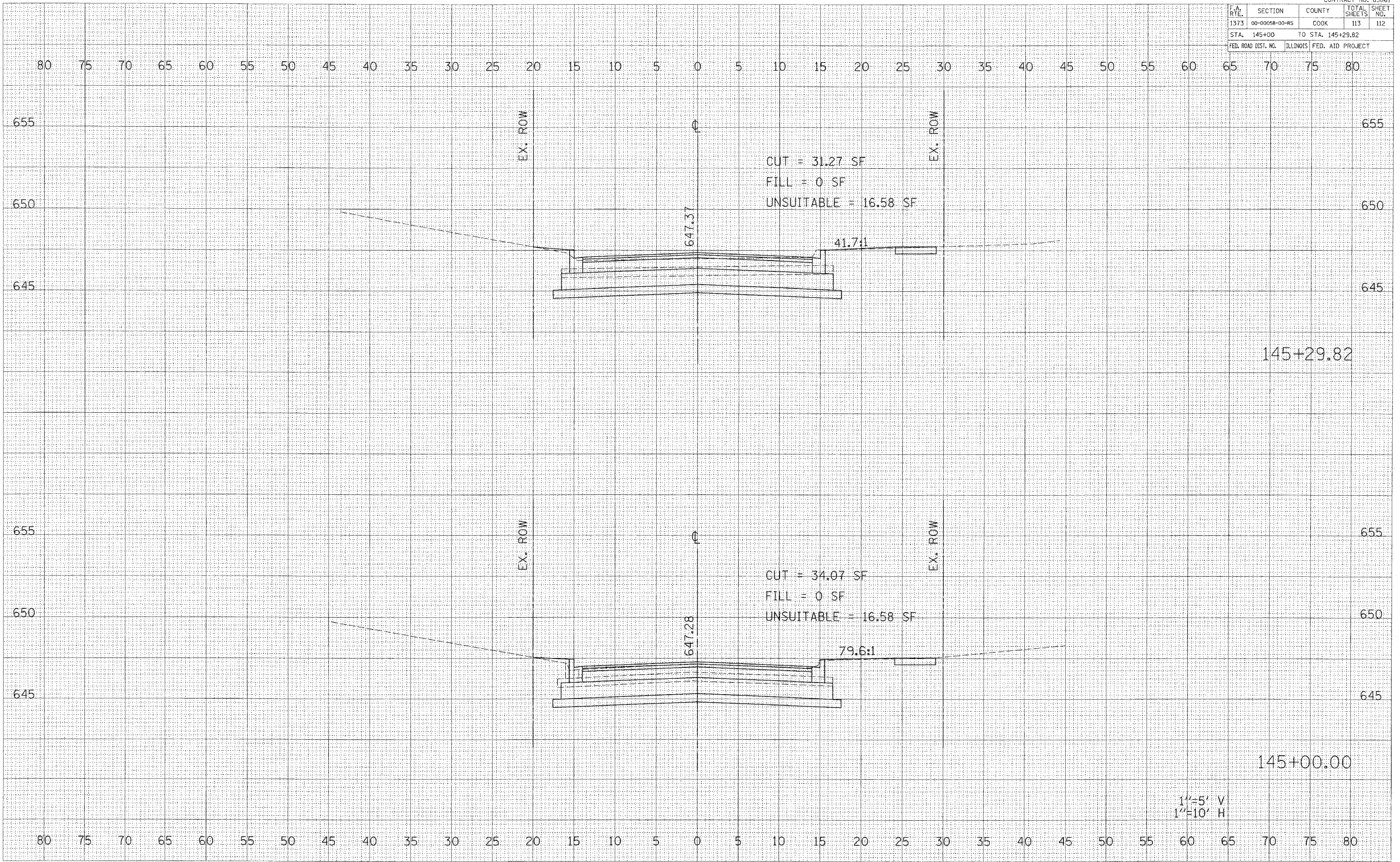
BELMONT AVENUE STA. 144+00 TO STA. 144+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	112
STA. 145+00		TO STA. 145+29.82		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 ORIGINAL SURVEYED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 ORIGINAL SURVEYED \_\_\_\_\_  
 SURVEY PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

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BELMONT AVENUE STA. 145+00 TO STA. 145+29.82

1"=5' V  
 1"=10' H



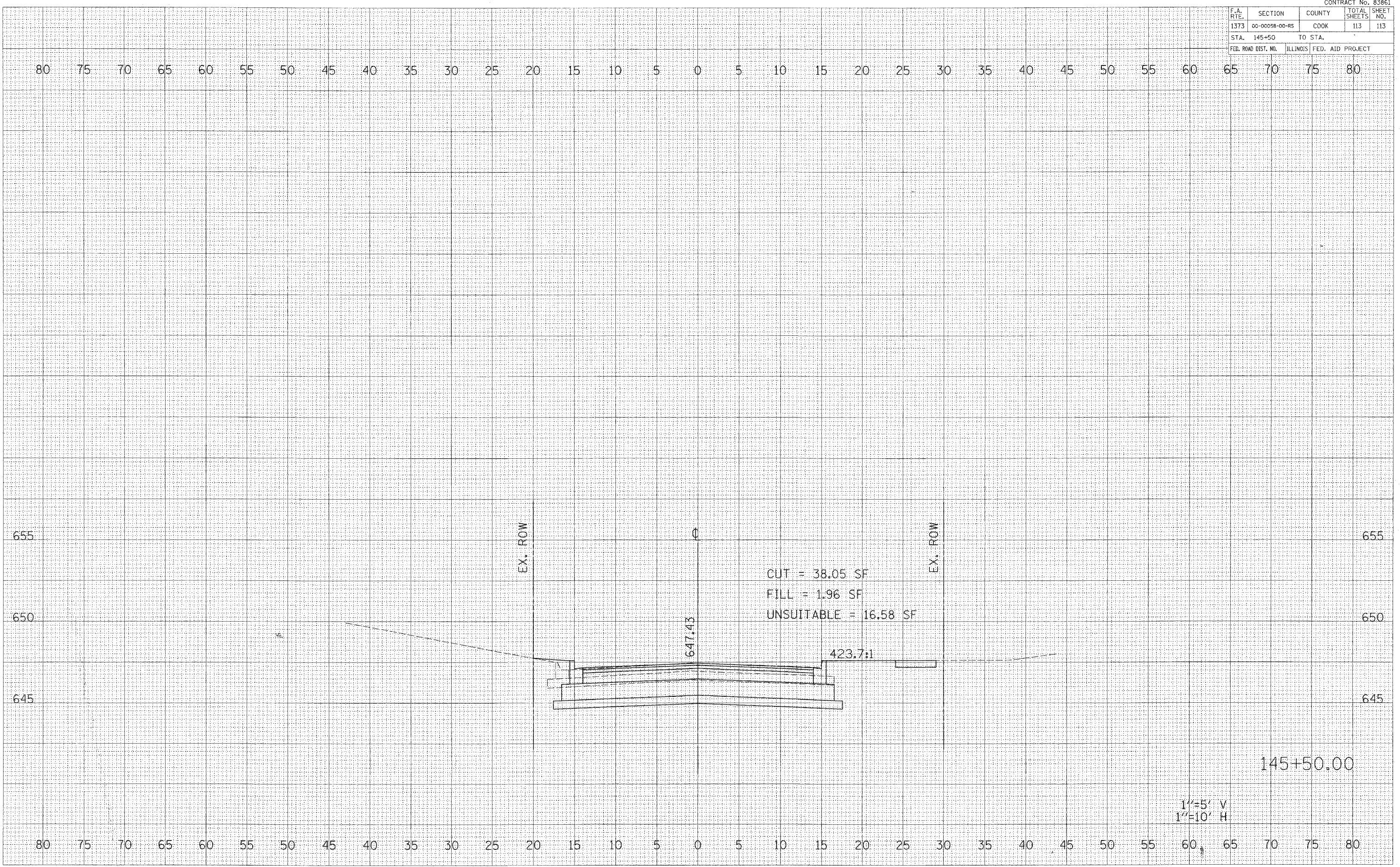
CONTRACT No. 83861

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	113
STA. 145+50		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE SURVEYED  
 SURVEY PLOTTED  
 NOTE BOOK NO.  
 REPLICATE AREAS CHECKED

DATE SURVEYED  
 SURVEY PLOTTED  
 NOTE BOOK NO.  
 REPLICATE AREAS CHECKED

DATE SURVEYED  
 SURVEY PLOTTED  
 NOTE BOOK NO.  
 REPLICATE AREAS CHECKED



BELMONT AVENUE STA. 145+50