CONTRACT # 91353

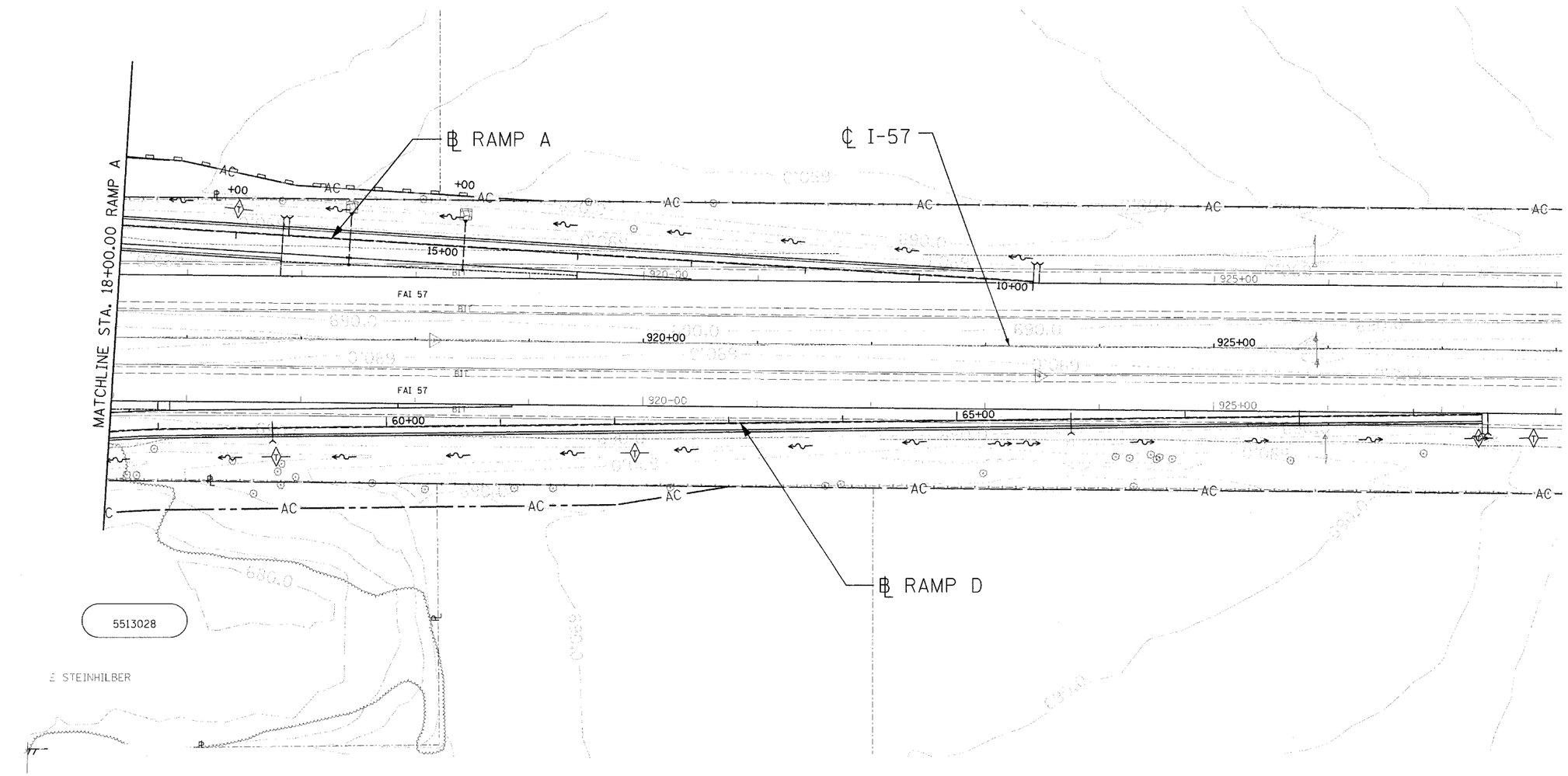
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	101
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

	EA.	L.F.	SQ.YD.
EROSION CONTROL BLANKET	0	0'	3
PERIMETER EROSION BARRIER	0	300'	0
DITCH CHECK TEMPORARY	1	0'	0
INLET AND PIPE PROTECTION	0	0'	0
DITCH FLOW			
DITCH FLOW SUMMIT			
TREE REMOVAL			

N

50 0 50
GRAPHIC SCALE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
RAMP A
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

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LAYOUT DJP/SKM 03/28/03
DRAWN DJP 04/28/03
REVIEWED JWM 05/07/03
07/13/2005
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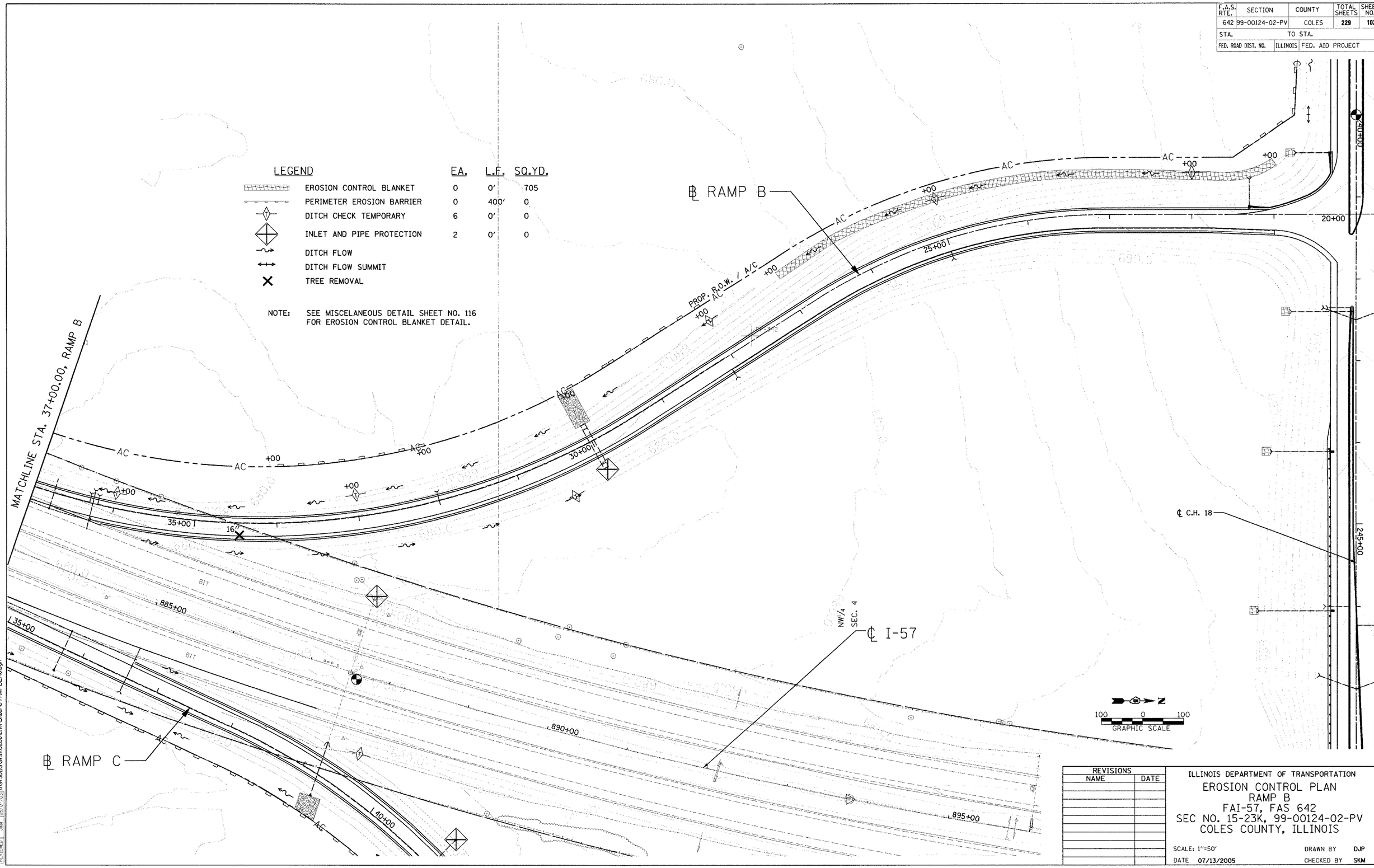
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	102
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
RAMP B
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

LAYOUT	DJP/SKM	03/28/03
DRAWN	DJP	04/28/03
REVIEWED	JWM	05/07/03

07/13/2005
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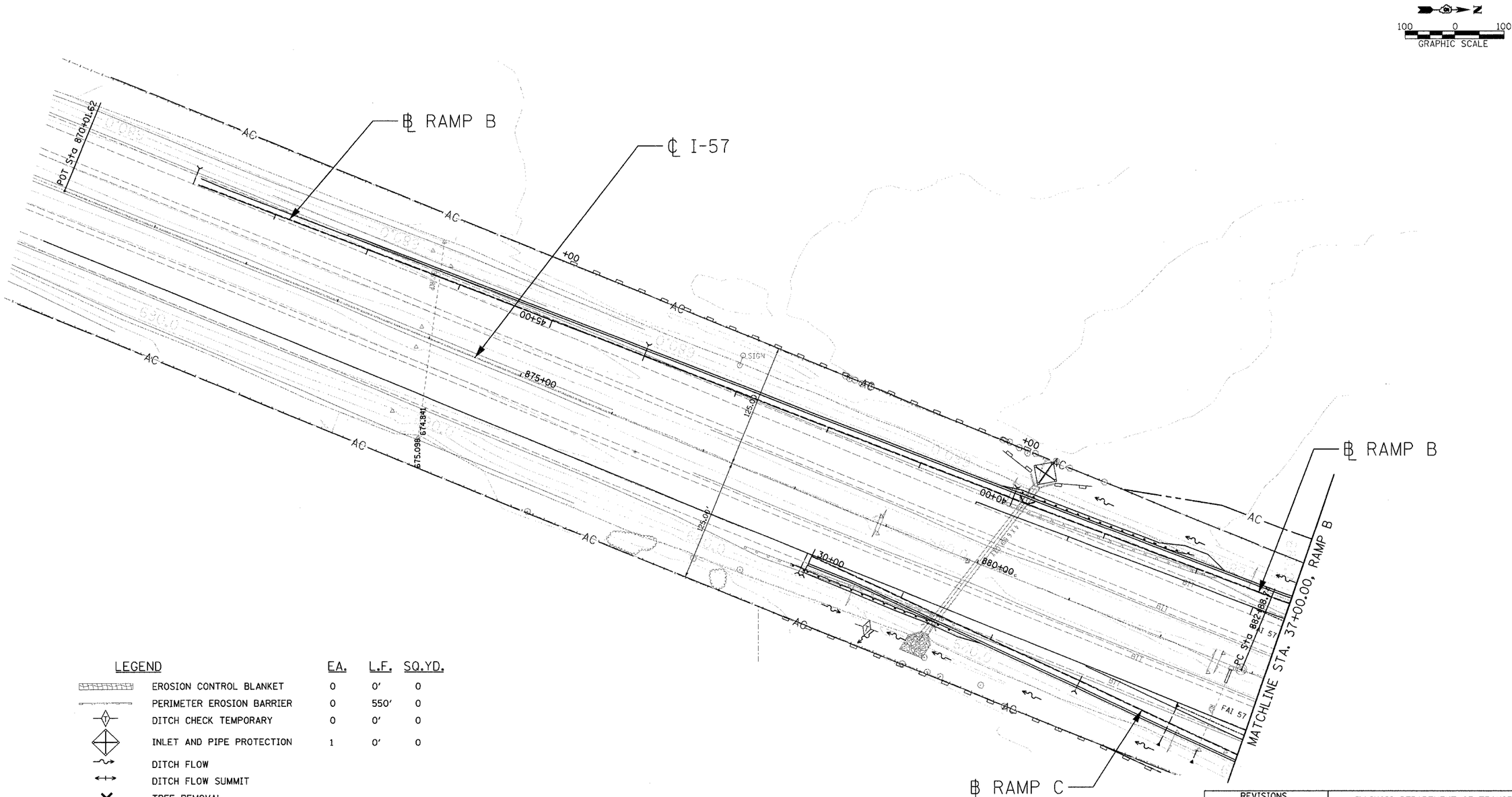
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	103
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



100 0 100
GRAPHIC SCALE

LEGEND		EA.	L.F.	SQ.YD.
	EROSION CONTROL BLANKET	0	0′	0
	PERIMETER EROSION BARRIER	0	550′	0
	DITCH CHECK TEMPORARY	0	0′	0
	INLET AND PIPE PROTECTION	1	0′	0
	DITCH FLOW			
	DITCH FLOW SUMMIT			
X	TREE REMOVAL			

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
RAMP B
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1″=50′ DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

LAYOUT	DJP/SAN	03/28/05
DRAWN	DJP	04/28/05
REVIEWED	JKM	05/17/05

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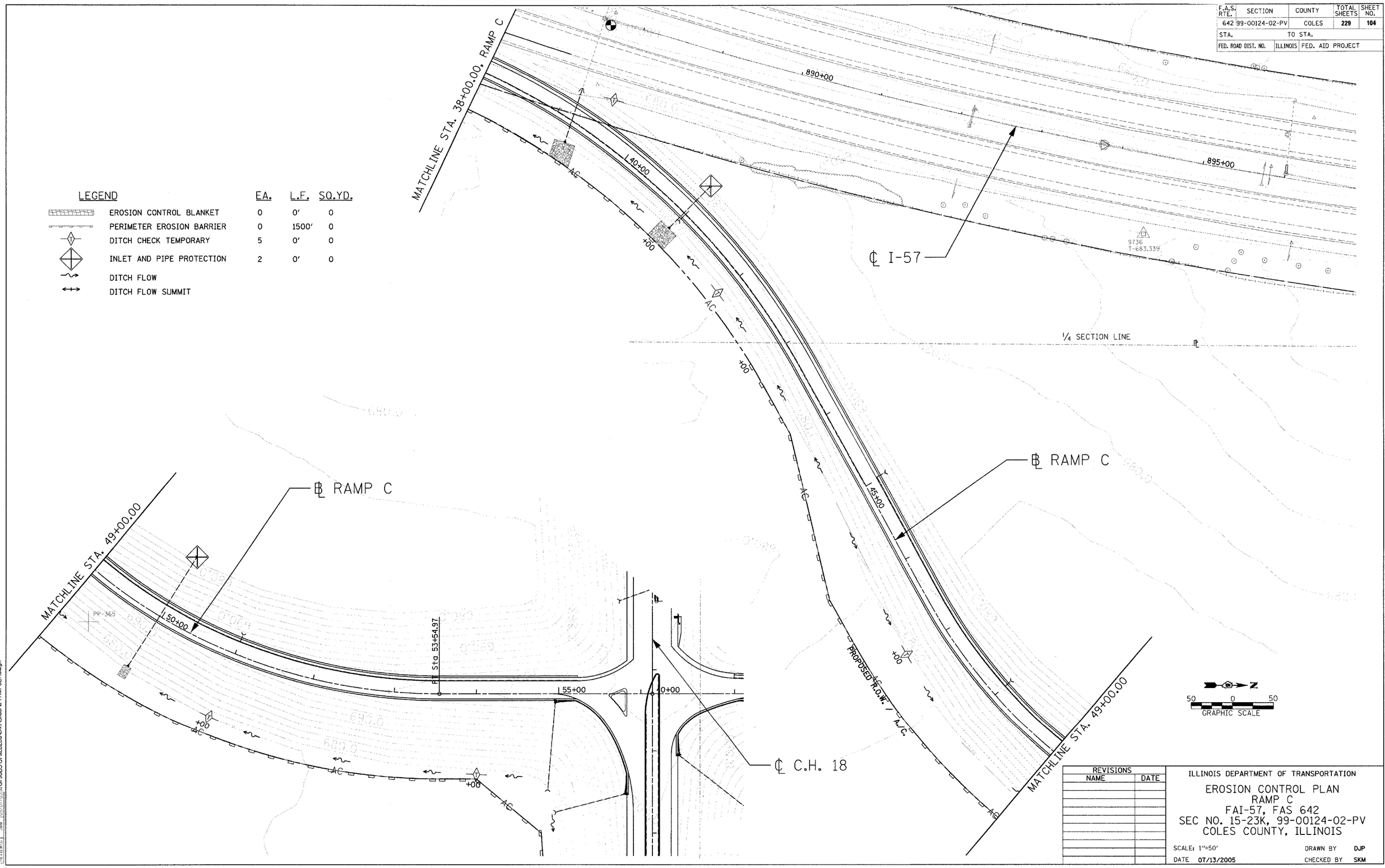
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	104
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

	EA.	L.F.	SQ.YD.
EROSION CONTROL BLANKET	0	0'	0
PERIMETER EROSION BARRIER	0	1500'	0
DITCH CHECK TEMPORARY	5	0'	0
INLET AND PIPE PROTECTION	2	0'	0
DITCH FLOW			
DITCH FLOW SUMMIT			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
RAMP C
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

LAYOUT DJP/SKM 03/28/03
DRAWN DJP 04/28/03
REVIEWED JWM 05/07/03
07/13/2005
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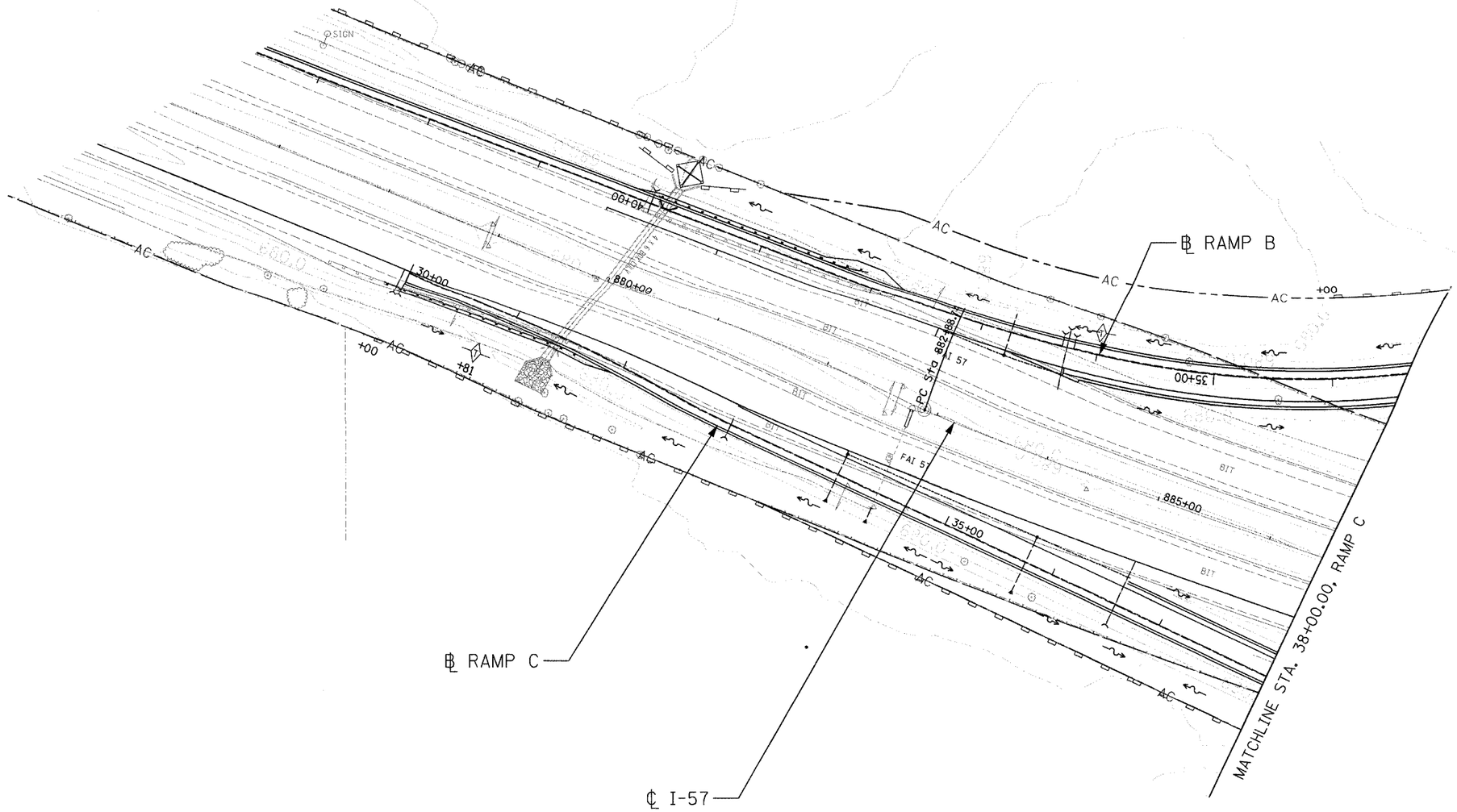
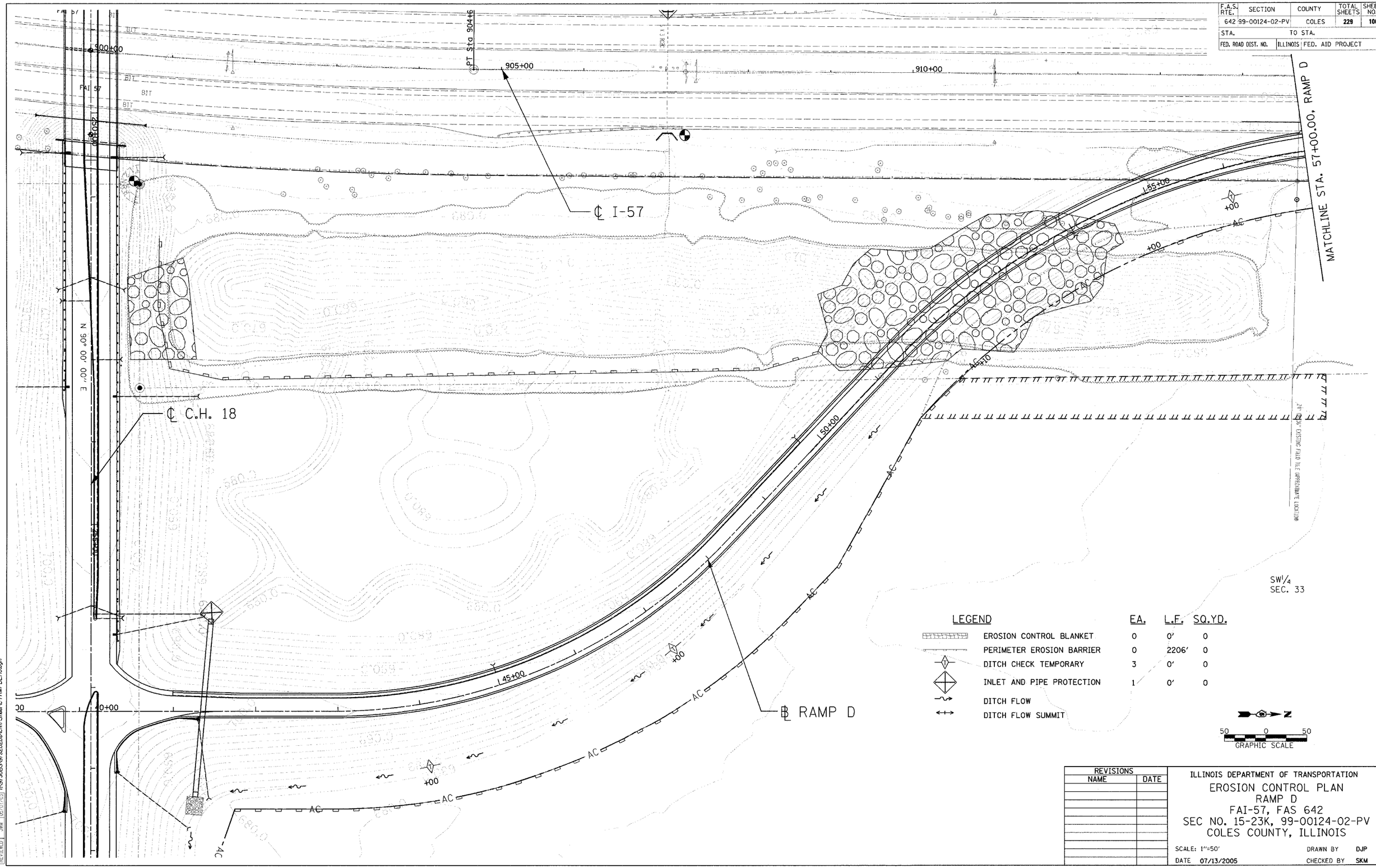
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	105
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		


SIGN
AC
AC
AC

CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	106
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND	EA.	L.F.	SQ.YD.
EROSION CONTROL BLANKET	0	0'	0
PERIMETER EROSION BARRIER	0	2206'	0
DITCH CHECK TEMPORARY	3	0'	0
INLET AND PIPE PROTECTION	1	0'	0
DITCH FLOW			
DITCH FLOW SUMMIT			

50 0 50
GRAPHIC SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
RAMP D
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

HANSON

LAYOUT	DJP/SKM	03/28/03
DRAWN	DJP	04/28/03
REVIEWED	JWM	05/07/03

07/13/2005
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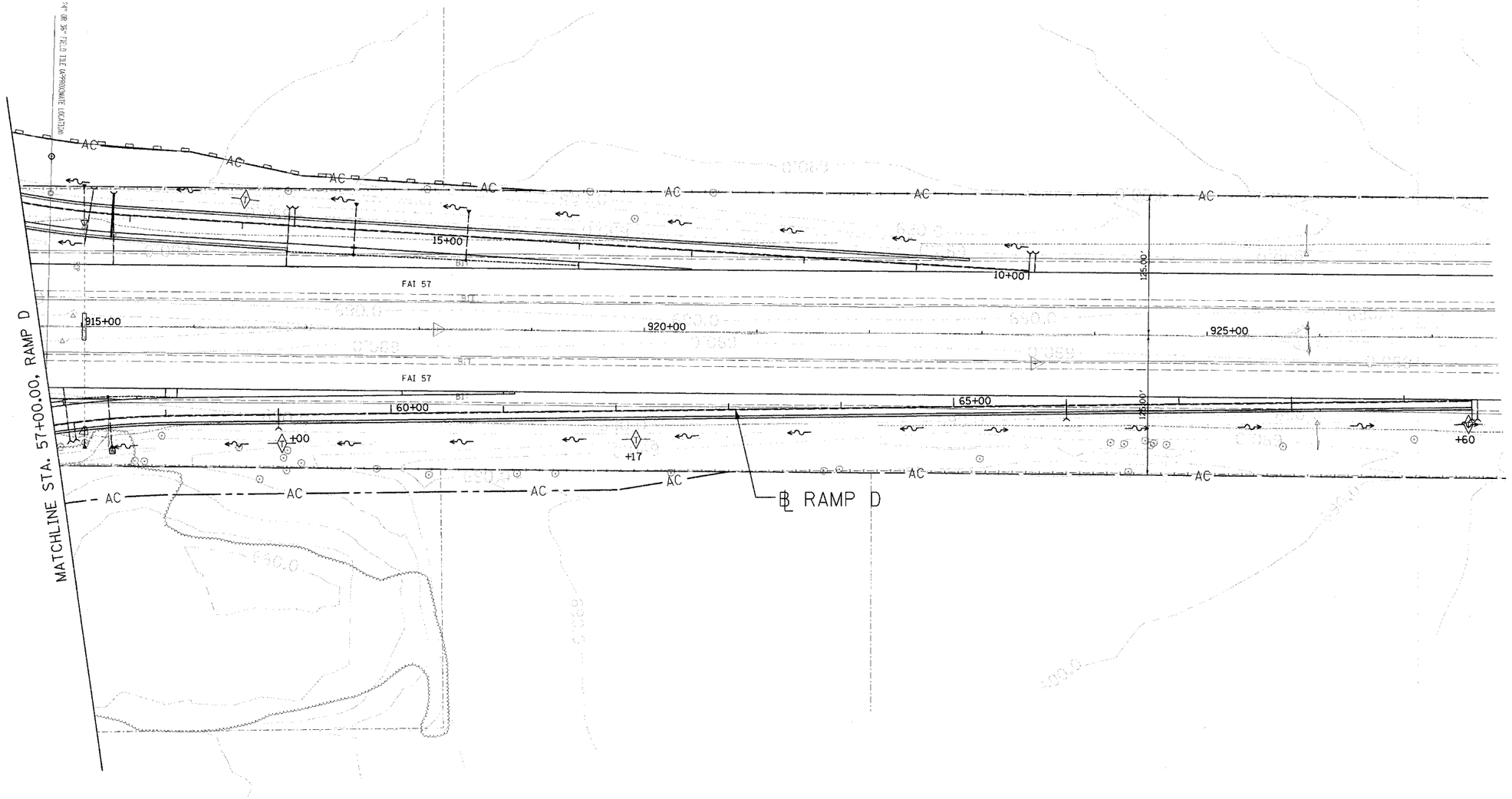
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	107
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

	EA.	L.F.	SQ.YD.
EROSION CONTROL BLANKET	0	0'	0
PERIMETER EROSION BARRIER	0	0'	0
DITCH CHECK TEMPORARY	3	0'	0
INLET AND PIPE PROTECTION	0	0'	0
DITCH FLOW			
DITCH FLOW SUMMIT			

N

50 0 50
GRAPHIC SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
RAMP D
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

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07/13/2005
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LAYOUT	DJP/SKM	03/28/03
DRAWN	DJP	04/28/03
REVIEWED	JRM	05/07/03

CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	108
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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07/13/2005
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LAYOUT	B.B.	03/19/03
DRAWN	DJP/JAP	03/31/03
REVIEWED	SKM	04/01/03

GENERAL

1. THE EROSION CONTROL PLANS ARE INCLUDED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

2. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION WORK ZONE AS SOON AS POSSIBLE TO STABILIZE EXPOSED SOILS AND PREVENT ON-SITE DAMAGE. THIS WORK MAY BE CONSTRUCTED OF HAY OR STRAW BALES, SILT FILTER FENCE, SEEDING, OR OTHER APPROPRIATE METHODS AND MATERIALS, SEPARATELY OR IN COMBINATION AS APPROVED BY THE RESIDENT ENGINEER.

3. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE RESIDENT ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK.

4. THE CONTRACTOR SHALL PLACE PERMANENT SEEDING WITHIN A REASONABLE AMOUNT OF TIME OR AS DIRECTED BY THE ENGINEER.

5. THE RESIDENT ENGINEER WILL DETERMINE WHEN TEMPORARY EROSION CONTROL SYSTEMS SHOWN ON THE PLAN MAY BE MOVED TO A DIFFERENT LOCATION OR DELETED.

6. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280-TEMPORARY EROSION CONTROL OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

7. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE RESIDENT ENGINEER AND AS SHOWN IN STANDARD 280001.

8. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED ON THE EROSION CONTROL PLAN SHEETS. THE PLAN MAY INCLUDE THE FOLLOWING:

-TEMPORARY DITCH CHECKS
-PERIMETER EROSION BARRIER
-INLET AND PIPE PROTECTION
-EROSION CONTROL BLANKET
-TEMPORARY EROSION CONTROL SEEDING

9. THE EROSION CONTROL PLANS INCLUDE WEEKLY INSPECTIONS TO BE COMPLETED BY THE CONTRACTOR AND RESIDENT ENGINEER.

PRIOR TO CONSTRUCTION

1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING TEMPORARY EROSION CONTROL SYSTEMS:

-TEMPORARY DITCH CHECKS
-INLET AND PIPE PROTECTION
-PERIMETER EROSION BARRIER

DURING CONSTRUCTION

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:

-CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.

-INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

-INSTALL INLET AND PIPE PROTECTION AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER FOR CULVERTS AND INLETS AS THEY ARE INSTALLED AND AS WORK PROCEEDS.

-INSTALL PERIMETER EROSION BARRIER AT LOCATIONS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

-COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.

-PERFORM TEMPORARY EROSION CONTROL SEEDING AS SPECIFIED IN ARTICLE 280.04(f) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.

-THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE RESIDENT ENGINEER TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT. THIS WORK SHALL INCLUDE REPAIR OF THE VARIOUS SYSTEMS, REMOVAL OF TRAPPED SEDIMENT AND CLEANING OF ANY SILT FILTER FABRIC AND HAY OR STRAW BALES.

-IF THE CONTRACTOR FAILS TO MAINTAIN THE TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY THE RESIDENT ENGINEER, THE RESIDENT ENGINEER MAY AT THE EXPIRATION OF A PERIOD OF 48 HOURS, AFTER HAVING GIVEN THE CONTRACTOR WRITTEN NOTICE, PROCEED TO MAINTAIN THE SYSTEMS AS DEEMED NECESSARY, AND THE COST THEREOF WILL BE DEDUCTED FROM ANY COMPENSATIONDUE, OR WHICH MAY BECOME DUE TO THE CONTRACTOR UNDER THIS CONTRACT.

PRIOR TO LANDSCAPING/RESTORATION

1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:

-REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED HAY OR STRAW BALES.

-REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED SILT FILTER FENCE.

FOLLOWING LANDSCAPING/RESTORATION

1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.

VEGETATION ESTABLISHED

1. AFTER THE VEGETATION IS ESTABLISHED IN THE DISTURBED AREA, THE CONTRACTOR SHALL:

-REMOVE THE REMAINING SEDIMENT CONTROL ITEMS AS DIRECTED BY THE RESIDENT ENGINEER.

-RESTORE THE AREAS DISTURBED BY THE SEDIMENT CONTROL ITEMS BY PERMANENT SEEDING AND MULCHING.

TEMPORARY EROSION CONTROL NOTES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DRAWN BY JAP
DATE 07/13/2005
CHECKED BY SKM

CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	109
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 99-00124-02-PV

DEPRESSION NO. 1

STATION	NORTHING	EASTING	ELEV.
10+00.00	1039874.6	989237.2	681.00
10+25.00	1039869.2	989213.2	681.00
10+50.00	1039849.6	989222.8	681.00
10+75.00	1039841.3	989245.4	681.00
11+00.00	1039853.5	989262.8	681.00
11+25.00	1039867.7	989244.9	681.00

DEPRESSION NO. 2

STATION	NORTHING	EASTING	ELEV.
20+00.00	1040060.4	989319.1	682.00
20+25.00	1040085.1	989321.5	682.00
20+50.00	1040110.1	989319.8	682.00
20+75.00	1040135.0	989319.4	682.00
21+00.00	1040159.8	989322.9	682.00
21+25.00	1040184.6	989325.5	682.00
21+50.00	1040209.0	989320.9	682.00
21+75.00	1040230.5	989308.4	682.00
22+00.00	1040222.5	989291.6	682.00
22+25.00	1040198.1	989286.5	682.00
22+50.00	1040173.3	989282.9	682.00
22+75.00	1040148.8	989278.3	682.00
23+00.00	1040124.7	989271.6	682.00
23+25.00	1040100.5	989265.3	682.00
23+50.00	1040075.9	989260.6	682.00
23+75.00	1040051.2	989257.3	682.00
24+00.00	1040026.2	989255.5	682.00
24+25.00	1040012.3	989265.9	682.00
24+50.00	1040028.1	989285.3	682.00
24+75.00	1040042.4	989305.7	682.00

DEPRESSION NO. 3

STATION	NORTHING	EASTING	ELEV.
30+00.00	1040037.7	989580.2	681.00
30+25.00	1040050.7	989558.9	681.00
30+50.00	1040067.2	989540.2	681.00
30+75.00	1040084.4	989522.0	681.00
31+00.00	1040093.8	989499.9	681.00
31+25.00	1040076.2	989483.2	681.00
31+50.00	1040052.4	989476.1	681.00
31+75.00	1040027.6	989477.0	681.00
32+00.00	1040008.9	989492.4	681.00
32+25.00	1040005.5	989516.9	681.00
32+50.00	1040006.3	989541.9	681.00
32+75.00	1040001.1	989566.2	681.00
33+00.00	1039989.2	989588.1	681.00
33+25.00	1039976.2	989609.5	681.00
33+50.00	1039972.6	989633.7	681.00
33+75.00	1039980.0	989657.5	681.00
34+00.00	1039995.4	989676.8	681.00
34+25.00	1040018.5	989685.8	681.00
34+50.00	1040040.1	989677.8	681.00
34+75.00	1040039.3	989653.1	681.00
35+00.00	1040034.6	989628.6	681.00
35+25.00	1040032.8	989603.7	681.00

DEPRESSION NO. 4

STATION	NORTHING	EASTING	ELEV.
40+00.00	1040315.8	989505.1	682.00
40+25.00	1040336.1	989518.6	682.00
40+50.00	1040359.4	989516.7	682.00
40+75.00	1040361.5	989493.5	682.00
41+00.00	1040349.4	989471.7	682.00
41+25.00	1040346.3	989449.4	682.00
41+50.00	1040325.2	989459.2	682.00
41+75.00	1040315.7	989440.7	682.00
42+00.00	1040302.8	989456.2	682.00
42+25.00	1040306.6	989480.7	682.00
42+50.00	1040315.4	989504.1	682.00

DEPRESSION NO. 5

STATION	NORTHING	EASTING	ELEV.
50+00.00	1040374.1	989792.2	681.00
50+25.00	1040399.1	989791.8	681.00
50+50.00	1040424.1	989791.3	681.00
50+75.00	1040449.1	989790.6	681.00
51+00.00	1040474.1	989789.4	681.00
51+25.00	1040499.0	989787.1	681.00
51+50.00	1040523.6	989782.8	681.00
51+75.00	1040547.3	989775.1	681.00
52+00.00	1040566.0	989759.4	681.00
52+25.00	1040558.3	989737.1	681.00
52+50.00	1040536.1	989726.4	681.00
52+75.00	1040511.4	989728.7	681.00
53+00.00	1040487.7	989736.6	681.00
53+25.00	1040464.1	989744.9	681.00
53+50.00	1040440.0	989751.5	681.00
53+75.00	1040415.2	989754.2	681.00
54+00.00	1040390.5	989751.1	681.00
54+25.00	1040366.9	989742.9	681.00
54+50.00	1040343.7	989733.5	681.00
54+75.00	1040319.5	989728.6	681.00
55+00.00	1040303.9	989746.0	681.00
55+25.00	1040307.1	989770.3	681.00
55+50.00	1040326.1	989785.8	681.00
55+75.00	1040350.4	989791.2	681.00

DEPRESSION NO. 6

STATION	NORTHING	EASTING	ELEV.
60+00.00	1040692.2	989749.6	682.00
60+25.00	1040715.1	989754.6	682.00
60+50.00	1040738.9	989760.2	682.00
60+75.00	1040751.9	989745.3	682.00
61+00.00	1040735.1	989728.0	682.00
61+25.00	1040722.2	989708.9	682.00
61+50.00	1040704.4	989709.6	682.00
61+75.00	1040682.8	989716.2	682.00
62+00.00	1040689.3	989736.8	682.00

DEPRESSION NO. 1
DEPRESSION NO. 2
DEPRESSION NO. 3
DEPRESSION NO. 4
DEPRESSION NO. 5
DEPRESSION NO. 6
℄ RAMP A

N - 1,040,699.321
E - 989,849.634
ELEV = 684.00

6' WIDE DITCH
WITH 10:1 SIDESLOPES
SEE DETAIL A

N - 1,040,562.054
E - 989,732.420
ELEV = 683.00

N - 1,040,460.513
E - 989,793.661
ELEV = 683.00

N - 1,040,386.429
E - 989,838.341
ELEV = 682.48

D-D

EXIST. GROUND — EXTEND SLOPE TO EXISTING GROUND — WIDTH VARIES — EXTEND SLOPE TO EXISTING GROUND — EXIST. GROUND
5:1 5:1
PROP. DEPRESSION BOTTOM

SCALE IN FEET 0 40 80

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
WETLAND GRADING PLAN
RAMP A INFIELD
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS
SCALE: 1"=40' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

LAYOUT	KMS	01/12/04
DRAWN	DJP	01/14/04
REVIEWED	KMS	01/15/04

07/13/2005
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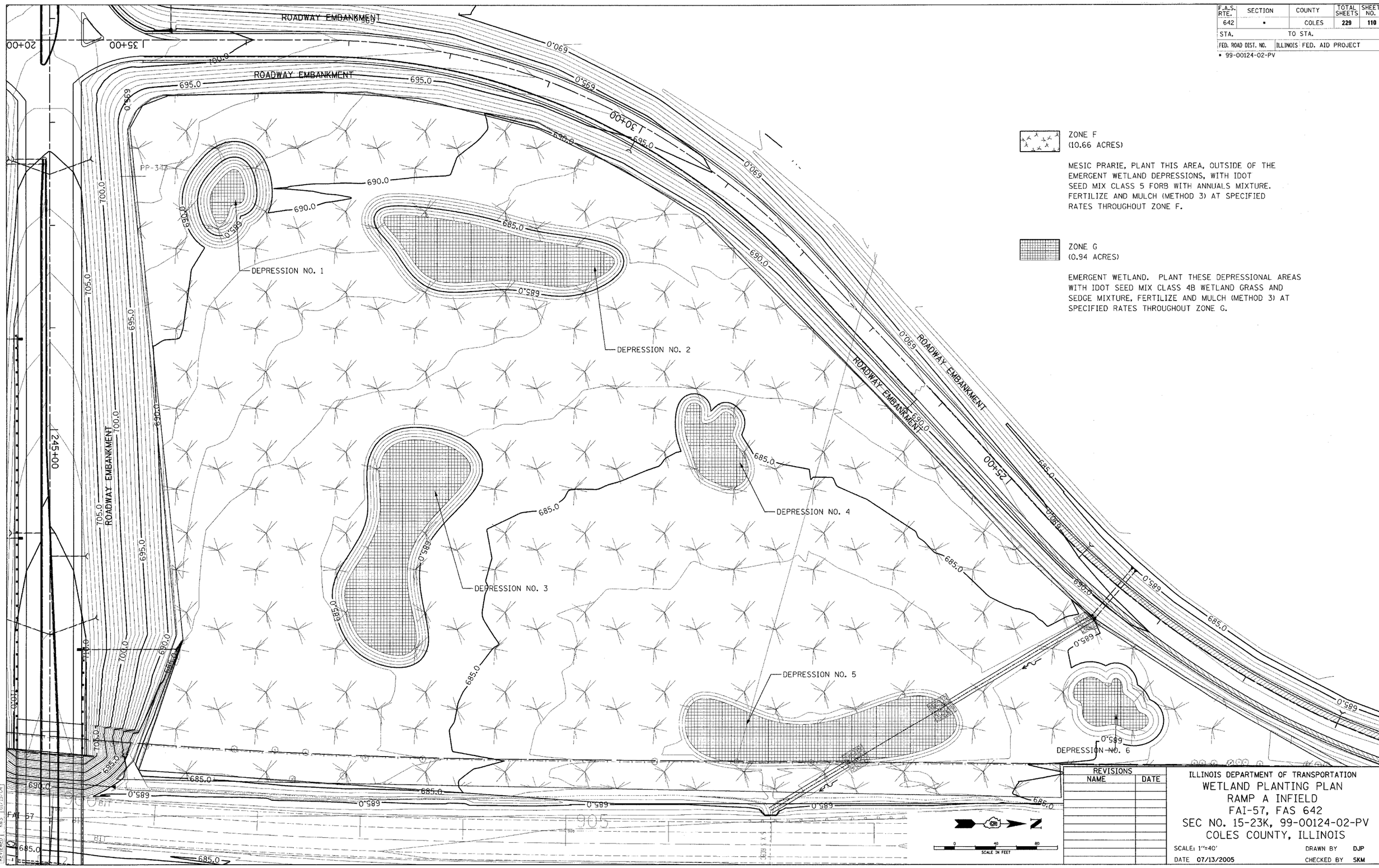
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	110
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 99-00124-02-PV



ZONE F
(10.66 ACRES)

MESIC PRARIE, PLANT THIS AREA, OUTSIDE OF THE EMERGENT WETLAND DEPRESSIONS, WITH IDOT SEED MIX CLASS 5 FORB WITH ANNUALS MIXTURE. FERTILIZE AND MULCH (METHOD 3) AT SPECIFIED RATES THROUGHOUT ZONE F.

ZONE G
(0.94 ACRES)

EMERGENT WETLAND. PLANT THESE DEPRESSIONAL AREAS WITH IDOT SEED MIX CLASS 4B WETLAND GRASS AND SEDGE MIXTURE, FERTILIZE AND MULCH (METHOD 3) AT SPECIFIED RATES THROUGHOUT ZONE G.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
WETLAND PLANTING PLAN
RAMP A INFIELD
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=40' DRAWN BY DJP
DATE 07/13/2005 CHECKED BY SKM

LAYOUT	KMS	01/12/04
DRAWN	DJP	01/14/04
REVIEWED	KMS	01/15/04

07/13/2005
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HANSON

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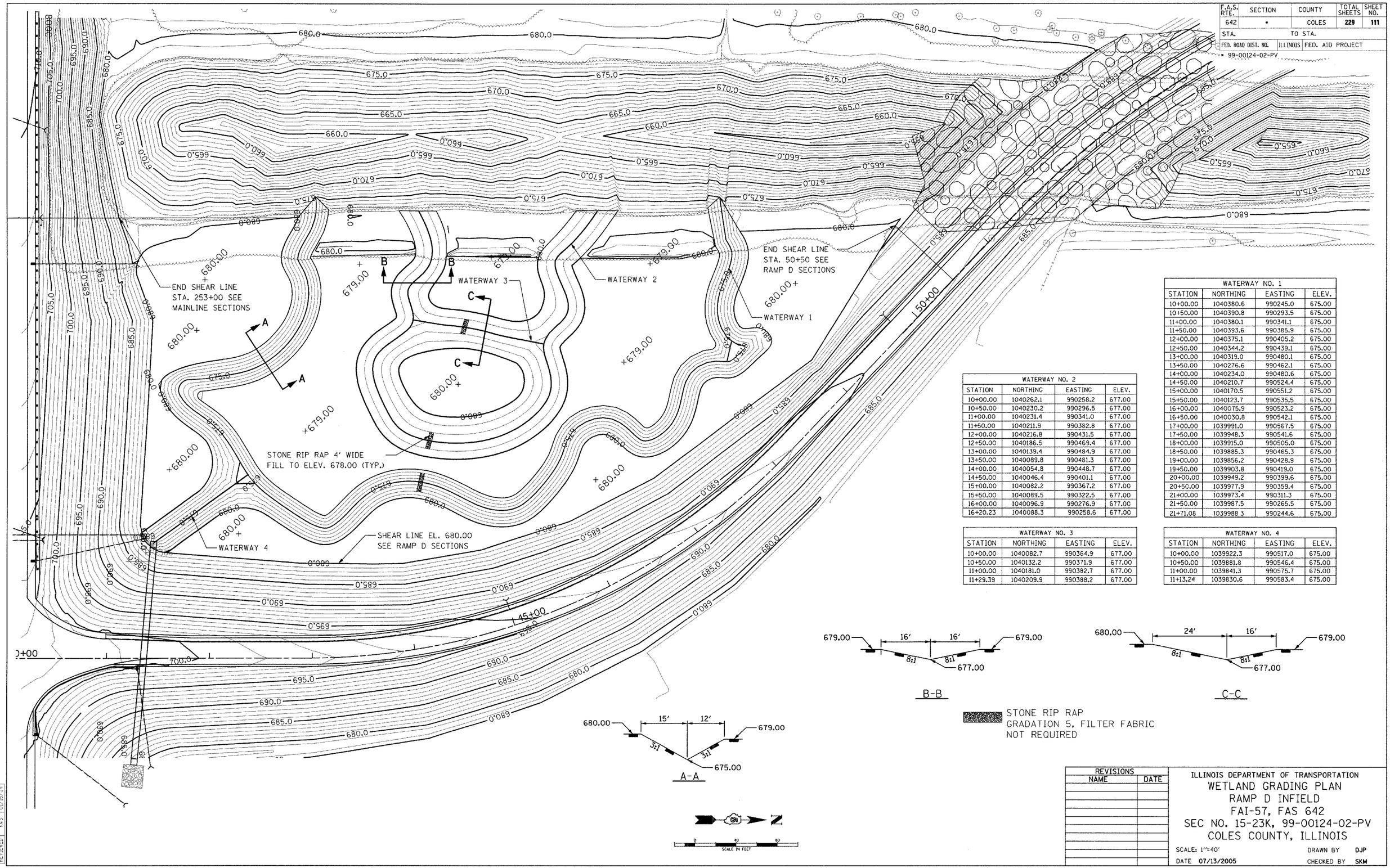
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	111
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 99-00124-02-PV



WATERWAY NO. 1			
STATION	NORTHING	EASTING	ELEV.
10+00.00	1040380.6	990245.0	675.00
10+50.00	1040390.8	990293.5	675.00
11+00.00	1040380.1	990341.1	675.00
11+50.00	1040393.6	990385.9	675.00
12+00.00	1040375.1	990405.2	675.00
12+50.00	1040344.2	990439.1	675.00
13+00.00	1040319.0	990480.1	675.00
13+50.00	1040276.6	990462.1	675.00
14+00.00	1040234.0	990480.6	675.00
14+50.00	1040210.7	990524.4	675.00
15+00.00	1040170.5	990551.2	675.00
15+50.00	1040123.7	990535.5	675.00
16+00.00	1040075.9	990523.2	675.00
16+50.00	1040030.8	990542.1	675.00
17+00.00	1039991.0	990567.5	675.00
17+50.00	1039948.3	990541.6	675.00
18+00.00	1039915.0	990505.0	675.00
18+50.00	1039885.3	990465.3	675.00
19+00.00	1039856.2	990428.9	675.00
19+50.00	1039903.8	990419.0	675.00
20+00.00	1039949.2	990399.6	675.00
20+50.00	1039977.9	990359.4	675.00
21+00.00	1039973.4	990311.3	675.00
21+50.00	1039987.5	990265.5	675.00
21+71.08	1039988 3	990244.6	675.00

WATERWAY NO. 2			
STATION	NORTHING	EASTING	ELEV.
10+00.00	1040262.1	990258.2	677.00
10+50.00	1040230.2	990296.5	677.00
11+00.00	1040231.4	990341.0	677.00
11+50.00	1040211.9	990382.8	677.00
12+00.00	1040216.8	990431.5	677.00
12+50.00	1040186.5	990469.4	677.00
13+00.00	1040139.4	990484.9	677.00
13+50.00	1040089.8	990481.3	677.00
14+00.00	1040054.8	990448.7	677.00
14+50.00	1040046.4	990401.1	677.00
15+00.00	1040082.2	990367.2	677.00
15+50.00	1040089.5	990322.5	677.00
16+00.00	1040096.9	990276.9	677.00
16+20.23	1040088.3	990258.6	677.00

WATERWAY NO. 3			
STATION	NORTHING	EASTING	ELEV.
10+00.00	1040082.7	990364.9	677.00
10+50.00	1040132.2	990371.9	677.00
11+00.00	1040181.0	990382.7	677.00
11+29.39	1040209.9	990388.2	677.00

WATERWAY NO. 4			
STATION	NORTHING	EASTING	ELEV.
10+00.00	1039922.3	990517.0	675.00
10+50.00	1039881.8	990546.4	675.00
11+00.00	1039841.3	990575.7	675.00
11+13.24	1039830.6	990583.4	675.00

B-B

C-C

A-A

STONE RIP RAP
GRADATION 5, FILTER FABRIC
NOT REQUIRED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WETLAND GRADING PLAN
RAMP D INFIELD
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=40' DRAWN BY DJP

DATE 07/13/2005 CHECKED BY SKM

LAYOUT	KMS	01/12/04
DRAWN	DJP	01/14/04
REVIEWED	KMS	01/15/04

07/13/2005
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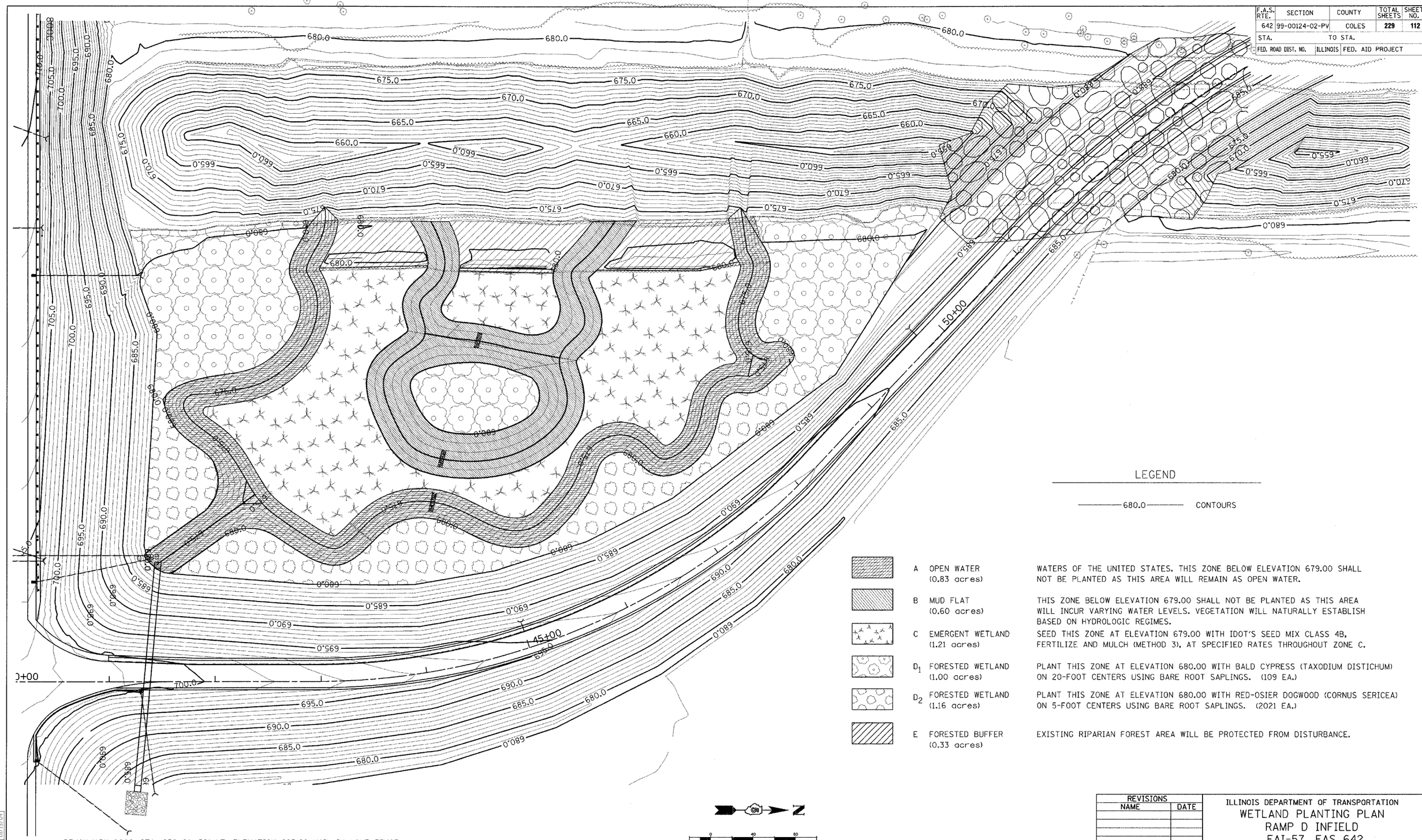
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	112
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

680.0 CONTOURS

	A	OPEN WATER (0.83 acres)	WATERS OF THE UNITED STATES. THIS ZONE BELOW ELEVATION 679.00 SHALL NOT BE PLANTED AS THIS AREA WILL REMAIN AS OPEN WATER.
	B	MUD FLAT (0.60 acres)	THIS ZONE BELOW ELEVATION 679.00 SHALL NOT BE PLANTED AS THIS AREA WILL INCUR VARYING WATER LEVELS. VEGETATION WILL NATURALLY ESTABLISH BASED ON HYDROLOGIC REGIMES.
	C	EMERGENT WETLAND (1.21 acres)	SEED THIS ZONE AT ELEVATION 679.00 WITH IDOT'S SEED MIX CLASS 4B, FERTILIZE AND MULCH (METHOD 3), AT SPECIFIED RATES THROUGHOUT ZONE C.
	D_1	FORESTED WETLAND (1.00 acres)	PLANT THIS ZONE AT ELEVATION 680.00 WITH BALD CYPRESS (TAXODIUM DISTICHUM) ON 20-FOOT CENTERS USING BARE ROOT SAPLINGS. (109 EA.)
	D_2	FORESTED WETLAND (1.16 acres)	PLANT THIS ZONE AT ELEVATION 680.00 WITH RED-OSIER DOGWOOD (CORNUS SERICEA) ON 5-FOOT CENTERS USING BARE ROOT SAPLINGS. (2021 EA.)
	E	FORESTED BUFFER (0.33 acres)	EXISTING RIPARIAN FOREST AREA WILL BE PROTECTED FROM DISTURBANCE.

BENCHMARK 800C: STA. 250+81, 52' LT. ELEVATION 683.69 NAIL IN LONE FENCE POST NEAR S.W. CORNER OF WOODED AREA AROUND THE POND.

N

0 40 80
SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WETLAND PLANTING PLAN
RAMP D INFIELD
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=40' DRAWN BY DJP

DATE 07/13/2005 CHECKED BY SKM

LAYOUT		
DRAWN	DJP	01/14/04
REVIEWED	SKM	01/15/04
	SKM	01/12/04

07/13/2005
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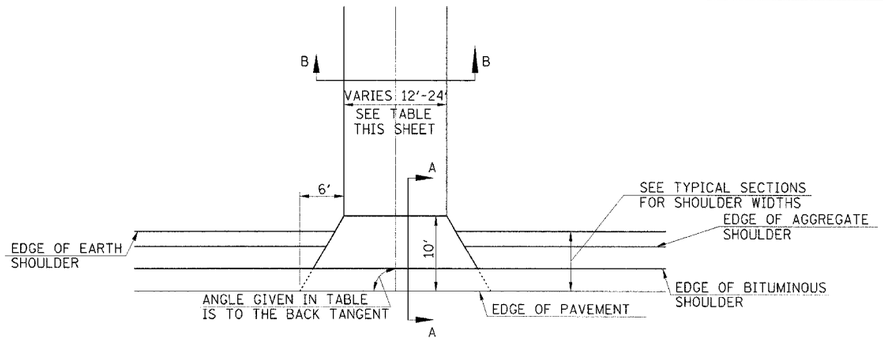
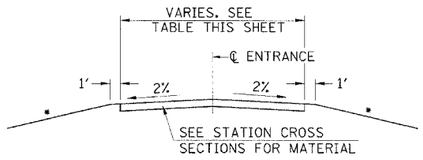
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	113
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



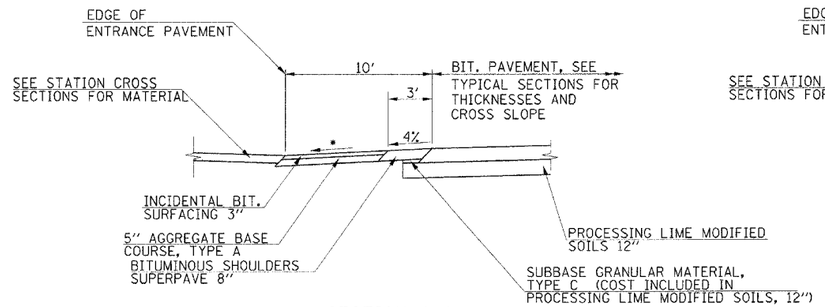
TYPICAL PRIVATE ENTRANCE DETAIL



SECTION B-B

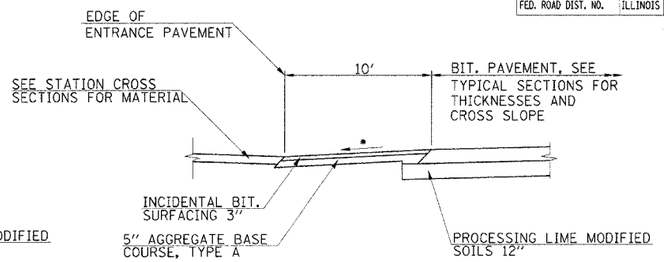
* 6:1 MIN. SLOPE TO MATCH EXISTING GROUND

PRIVATE AND FIELD ENTRANCES				
LOCATION	ANGLE	WIDTH	COMMENT	P.E. / F.E.
68+26.83, LT	90°	24'	700E	F.E.
68+26.83, RT	90°	14'	700E	P.E.
73+22.40, RT	90°	24'	700E	P.E.
176+40.00, RT	90°	24'	C.H. - 18	F.E.
185+00.00, LT	90°	24'	C.H. - 18	F.E.
185+00.00, RT	90°	24'	C.H. - 18	F.E.
205+00.00, LT	90°	24'	C.H. - 18	F.E.
205+00.00, RT	90°	24'	C.H. - 18	F.E.
211+50.78, LT	91°	12'	OPPOSITE 780E	P.E.
213+00.00, LT	90°	24'	C.H. - 18	F.E.
224+49.16, RT	90°	24'	OPPOSITE 800E	F.E.
11+25.00, LT	90°	24'	800E	F.E.
276+19.54, RT	90°	24'	OPPOSITE 900E	F.E.
11+25.00, LT	90°	24'	900E	F.E.



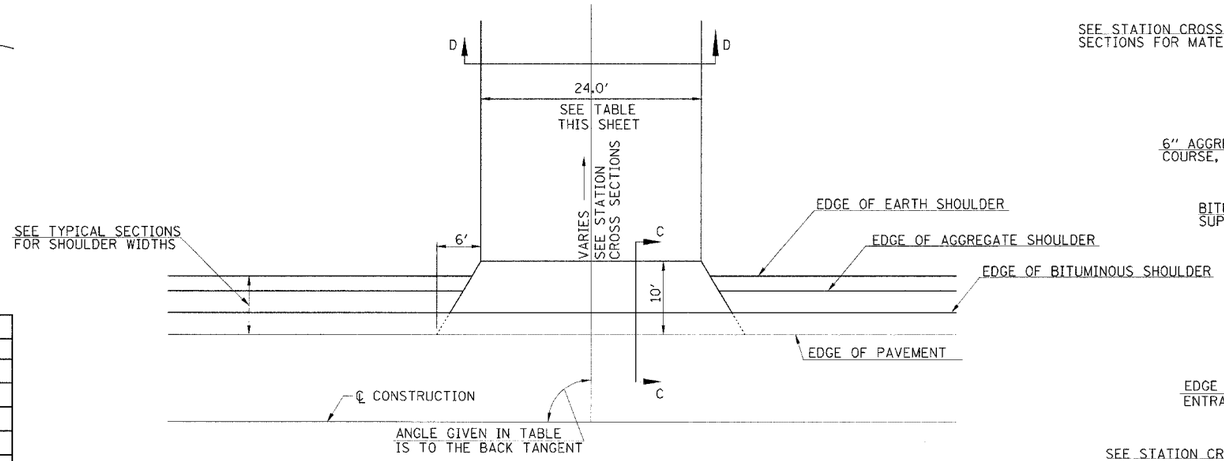
SECTION A-A
FOR PRIVATE ENTRANCE
ALONG C.H. 18

* 4% UNLESS OTHERWISE NOTED
ON STATION CROSS SECTIONS

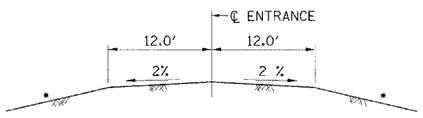


SECTION A-A
FOR PRIVATE ENTRANCES ALONG 700E

* 4% UNLESS OTHERWISE NOTED
ON STATION CROSS SECTIONS

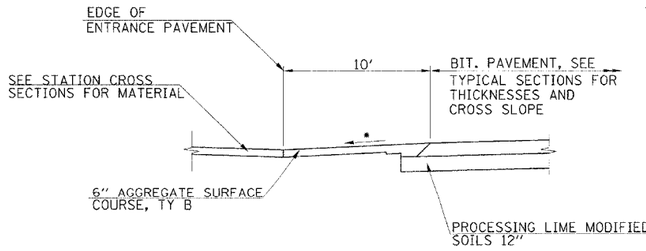


TYPICAL FIELD ENTRANCE DETAIL



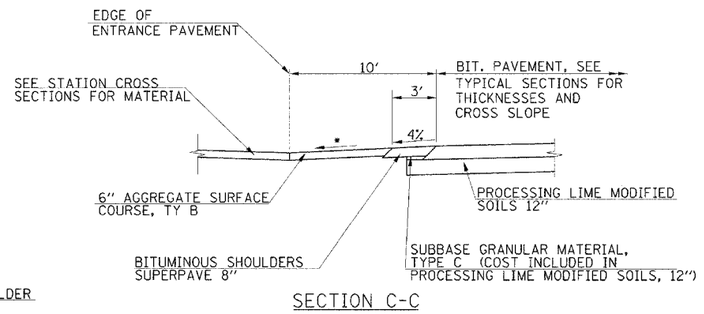
SECTION D-D

* 6:1 MIN. SLOPE TO MATCH EXISTING GROUND



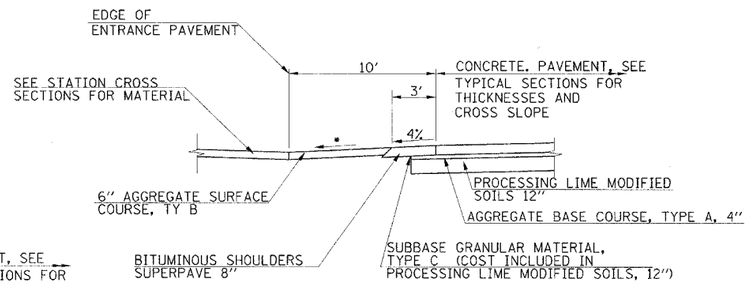
SECTION C-C
FOR FIELD ENTRANCES ALONG
700E, 800E AND 900E

* 4% UNLESS OTHERWISE NOTED
ON STATION CROSS SECTIONS



SECTION C-C
FOR FIELD ENTRANCES
ALONG C.H. 18

* 4% UNLESS OTHERWISE NOTED
ON STATION CROSS SECTIONS



SECTION C-C
FOR FIELD ENTRANCE
AT STA. 176+40.00

* 4% UNLESS OTHERWISE NOTED
ON STATION CROSS SECTIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE — DRAWN BY SKM
DATE 07/13/2005 — CHECKED BY DJP

LAYOUT	DJP/SKM	03/28/03
DRAWN	DJP	04/28/03
REVIEWED	SKM	07/05/04

07/13/2005
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CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	114
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

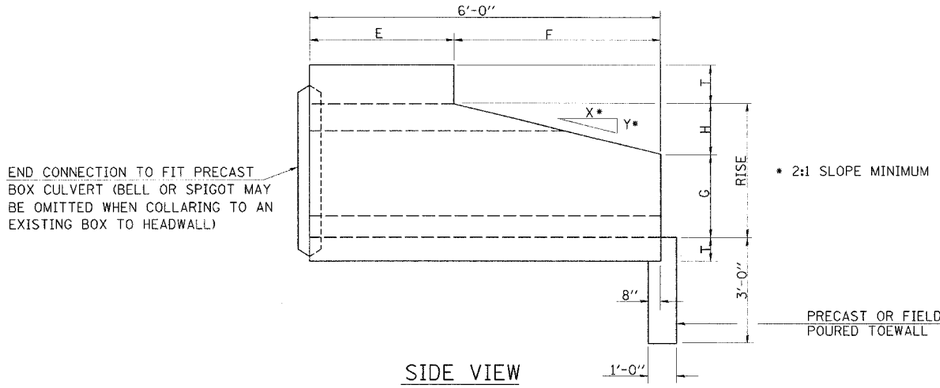
SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04 (A) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

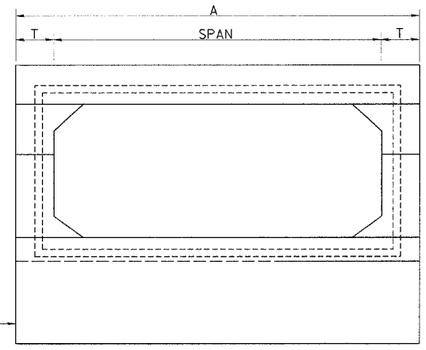
THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH MASTIC IN ACCORDANCE WITH ARTICLE 755.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS AS1, AS2, AS3 AND AS4 DENOTES THE REQUIRED STEEL AREAS FOR REINFORCEMENTS AS SPECIFIED IN ASTM C 789. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO ASTM SPECIFICATIONS A 185.

DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION



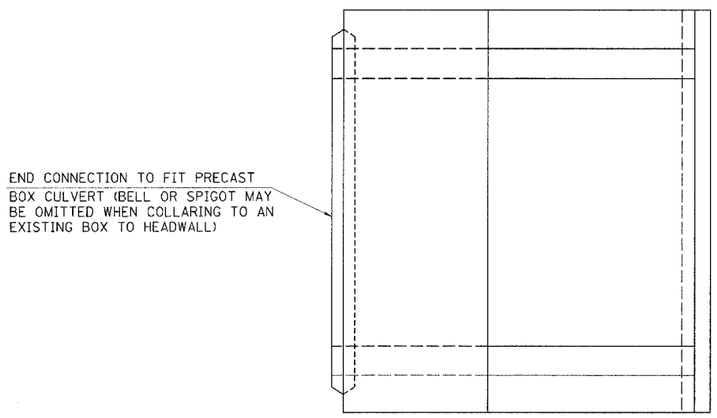
SIDE VIEW



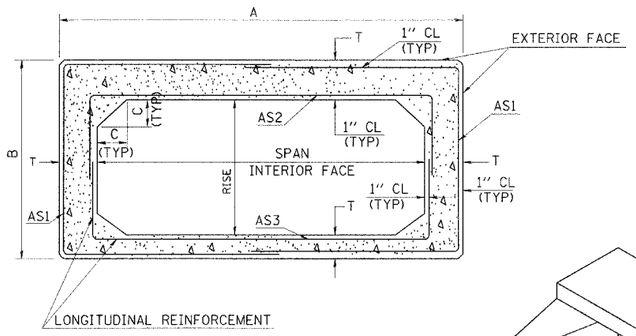
END VIEW

* NOTE:THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2' OR MORE OF FILL. THE DIMENSIONS MUST BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2' OF FILL.

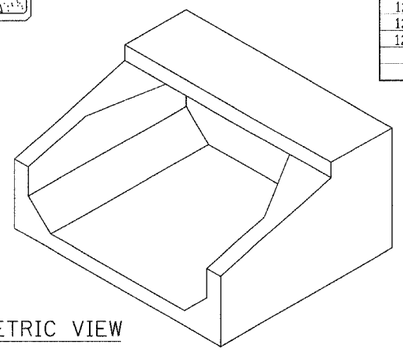
SPAN X RISE	T (INCHES)	A (FT-IN)	B (FT-IN)	C (INCHES)	E (FT-IN)	F (FT-IN)	G (FT-IN)	H (FT-IN)	SLOPE (X:Y)
2' X 2'	4	2-8	2-8	4	3-0	3-0	1-0	1-0	3:1
3' X 2'	4	3-8	2-8	4	3-0	3-0	1-0	1-0	3:1
3' X 3'	4	3-8	3-8	4	2-0	4-0	1-8	1-4	3:1
4' X 2'	5	4-10	2-10	5	3-0	3-0	1-0	1-0	3:1
4' X 3'	5	4-10	3-10	5	2-0	4-0	1-8	1-4	3:1
4' X 4'	5	4-10	4-10	5	2-0	4-0	2-0	2-0	2:1
5' X 2'	6	6-0	3-0	6	3-0	3-0	1-0	1-0	3:1
5' X 3'	6	6-0	4-0	6	2-0	4-0	1-8	1-4	3:1
5' X 4'	6	6-0	5-0	6	2-0	4-0	2-0	2-0	2:1
5' X 5'	6	6-0	6-0	6					
6' X 2'	7	7-2	3-2	7	3-0	3-0	1-0	1-0	3:1
6' X 3'	7	7-2	4-2	7	2-0	4-0	1-8	1-4	3:1
6' X 4'	7	7-2	5-2	7	2-0	4-0	2-0	2-0	2:1
6' X 5'	7	7-2	6-2	7					
6' X 6'	7	7-2	7-2	7					
7' X 4'	8	8-4	5-4	8	2-0	4-0	2-0	2-0	2:1
7' X 5'	8	8-4	6-4	8					
7' X 6'	8	8-4	7-4	8					
7' X 7'	8	8-4	8-4	8					
8' X 4'	8	9-4	5-4	8	2-0	4-0	2-0	2-0	2:1
8' X 5'	8	9-4	6-4	8					
8' X 6'	8	9-4	7-4	8					
8' X 7'	8	9-4	8-4	8					
8' X 8'	8	9-4	9-4	8					
9' X 5'	9	10-6	6-6	9					
9' X 6'	9	10-6	7-6	9					
9' X 7'	9	10-6	8-6	9					
9' X 8'	9	10-6	9-6	9					
9' X 9'	9	10-6	10-6	9					
10' X 4'	10	11-8	5-8	10					
10' X 5'	10	11-8	6-8	10					
10' X 6'	10	11-8	7-8	10					
10' X 7'	10	11-8	8-8	10					
10' X 8'	10	11-8	9-8	10					
10' X 9'	10	11-8	10-8	10					
10' X 10'	10	11-8	11-8	10					
11' X 4'	11	12-10	5-10	11					
11' X 6'	11	12-10	7-10	11					
11 X 8'	11	12-10	9-10	11					
11' X 10'	11	12-10	11-10	11					
11' X 11'	11	12-10	12-10	11					
12' X 4'	12	14-0	6-0	12					
12' X 6'	12	14-0	8-0	12					
12' X 8'	12	14-0	10-0	12					
12' X 10'	12	14-0	12-0	12					
12' X 12'	12	14-0	14-0	12					



PLAN



CROSS-SECTION



ISOMETRIC VIEW

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT END SECTION DETAIL
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE — DRAWN BY DJP
DATE 07/13/2005 — CHECKED BY JWM

LAYOUT	JWM	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	JWM	10/25/04

07/13/2005
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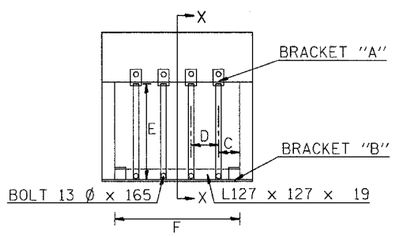
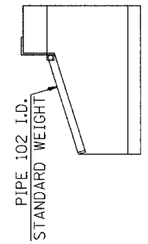
CONTRACT # 91353

F.A.S./RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	115
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

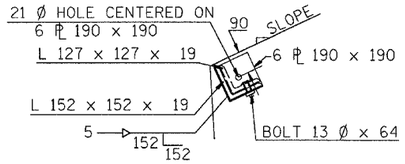
PLAN VIEW



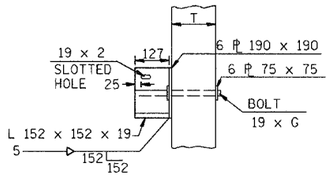
CROSS SECTION X-X



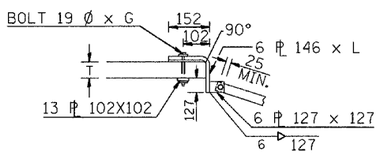
BOX CULVERT SPAN AND RISE	EXT. SPACE C(mm)	INT. SPACE D(mm)	SLOPE	NO. PIPES REQ'D	PIPE LENGTH E(m)	ANGLE LENGTH F(m)	BOLT LENGTH G (mm)	WEIGHT (Kg.)	L (mm)	WALL THICK. T (mm)
0.9x0.9	450	N/A	3:1	1	1.14	0.86	140	68	380	102
1.2x0.9	380	450	3:1	2	1.14	1.17	165	103	405	127
1.2x1.2	380	450	2:1	2	1.22	1.17	165	106	405	127
1.5x0.9	300	450	3:1	3	1.14	1.47	190	138	430	152
1.5x1.2	300	450	2:1	3	1.22	1.47	190	142	430	152
1.5x1.5	300	450	2:1	3	1.22	1.47	190	142	430	152
1.8x0.9	450	450	3:1	3	1.14	1.78	215	150	460	178
1.8x1.2	450	450	2:1	3	1.22	1.78	215	153	460	178
1.8x1.5	450	450	2:1	3	1.22	1.78	215	153	460	178
2.1x0.9	380	450	3:1	4	1.14	2.08	240	185	485	203
2.1x1.2	380	450	2:1	4	1.22	2.08	240	190	485	203
2.1x1.5	380	450	2:1	4	1.22	2.08	240	190	485	203
2.4x0.9	300	450	3:1	5	1.14	2.39	240	221	485	203
2.4x1.2	300	450	2:1	5	1.22	2.39	240	227	485	203
2.4x1.5	300	450	2:1	5	1.22	2.39	240	227	485	203
2.7x0.9	450	450	3:1	5	1.14	2.69	265	232	510	229
2.7x1.2	450	450	2:1	5	1.22	2.69	265	239	510	229
2.7x1.5	450	450	2:1	5	1.22	2.69	265	239	510	229
3.0x1.2	380	450	2:1	6	1.22	3.00	290	276	535	254
3.0x1.5	380	450	2:1	6	1.22	3.00	290	276	535	254



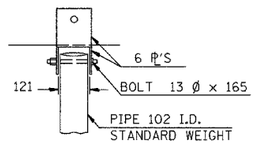
END VIEW OF BRACKET "B"



PLAN OF BRACKET "B"



ELEVATION OF BRACKET "A"



PLAN OF BRACKET "A"

GENERAL NOTES

1. BOLTS AND NUTS SHALL CONFORM TO A.S.T.M. A307, AND SHALL BE GALVANIZED IN ACCORDANCE WITH A.A.S.H.T.O. M232. ALL BOLTS SHALL HAVE WASHERS AT EACH END. HOLES SHALL BE 2 mm OVERSIZE UNLESS OTHERWISE NOTED EXCEPT IN CONCRETE WHICH SHALL BE 3 mm OVERSIZE.
2. ANGLES AND STEEL PLATES SHALL CONFORM TO A.A.S.H.T.O. M183. STEEL PIPES SHALL CONFORM TO A.S.T.M. A53 GRADE B.
3. STEEL PIPES, ANGLES AND PLATES SHALL BE GALVINIZED IN ACCORDANCE WITH A.A.S.H.T.O. M-111.
4. THE APPROXIMATE WEIGHT OF STEEL IS LISTED ABOVE. THIS TOTAL INCLUDES PLATES, ANGLES AND PIPES. BOLTS, NUTS AND WASHERS ARE NOT INCLUDED.
5. THE CONTRACTOR SHALL VERIFY THE PIPE LENGTHS AND HOLE LOCATIONS PRIOR TO CUTTING THE PIPES TO LENGTH OR DRILLING HOLES.
6. GRATING FOR THE PRECAST END SECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "GRATING FOR PRECAST CONCRETE BOX CULVERT END SECTION" OF THE SIZE SPECIFIED WHICH PRICE SHALL INCLUDE FABRICATION, GALVANIZING AND INSTALLATION OF THE GRATING AS DETAILED.

	NAME	DATE
DESIGNED		
CHECKED		
CADD NO.		

REVISIONS	
NAME	DATE
C.L.H.	12/93
CHECKED: B.K.T.	12/93

REVISIONS	
NAME	DATE
G.A.M.	2/98

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GRATING FOR PRECAST CONCRETE BOX CULVERT
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE — DRAWN BY DJP

DATE 07/13/2005 — CHECKED BY JWM

LAYOUT	JWM	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	JWM	01/05/04

07/13/2005
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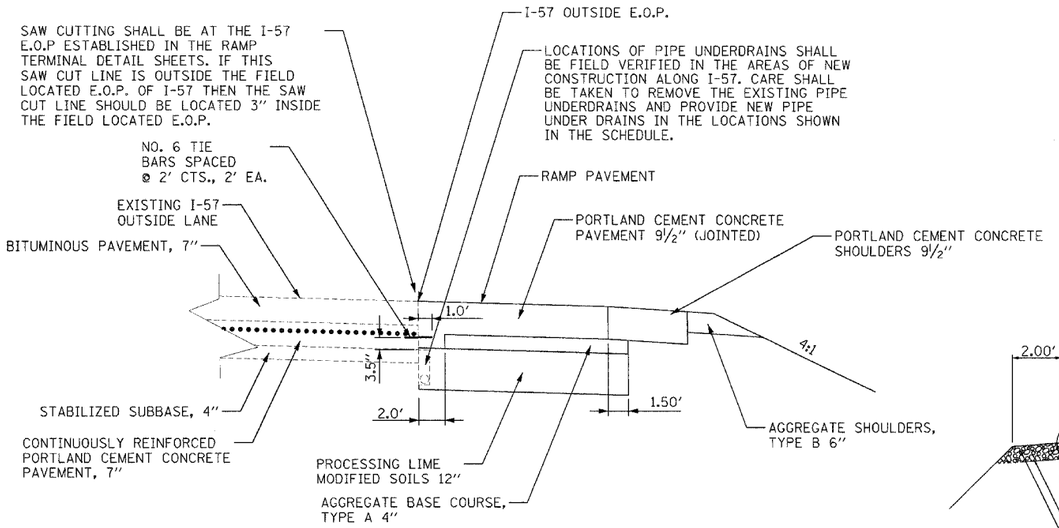
HANSON

CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	116
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

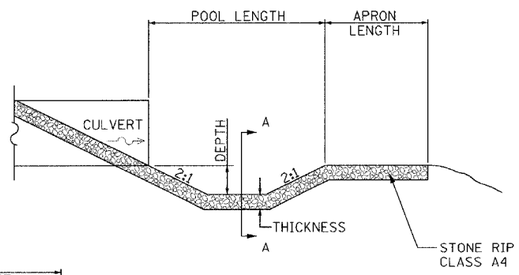


RAMP TIED TO I-57 MAINLINE

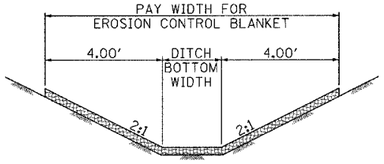
SEE STANDARD 420306
(NOT TO SCALE)

RAMP A STA. 10+00.00 TO STA. 16+60.09
RAMP B STA. 36+24.31 TO STA. 48+83.34
RAMP C STA. 30+00.00 TO STA. 36+60.96
RAMP D STA. 57+10.91 TO STA. 69+60.12

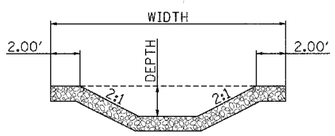
STILLING BASIN SCHEDULE					
STATION	DEPTH	POOL LENGTH	APRON LENGTH	WIDTH	THICKNESS
	FEET	FEET	FEET	FEET	FEET
190+46 (DS)	0.50	6.00	4.00	36.00	2.00
190+46 (US)	0.00	10.00	0.00	36.00	2.00
223+61	0.50	10.00	5.00	10.00	2.00
275+60	0.50	10.00	5.00	10.00	2.00
30+00 (RAMP B)	0.50	18.00	27.00	20.00	2.00
50+00 (RAMP C)	0.50	10.00	5.00	10.00	2.00
31+36.72 (RAMP C)	0.50	18.00	6.00	12.00	2.00



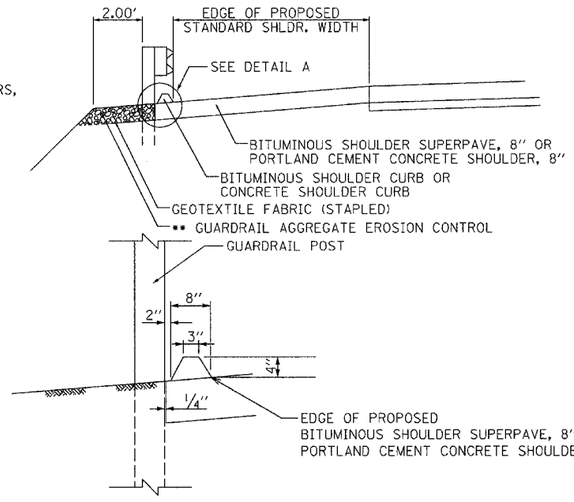
RIPRAP STILLING BASIN DETAIL



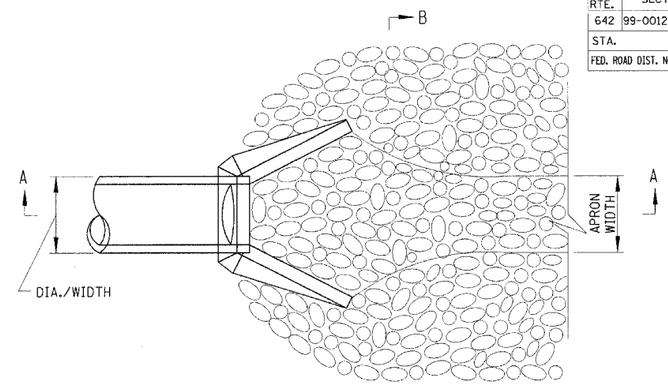
EROSION CONTROL BLANKET



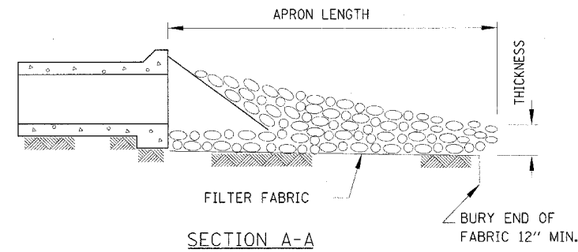
SECTION A-A



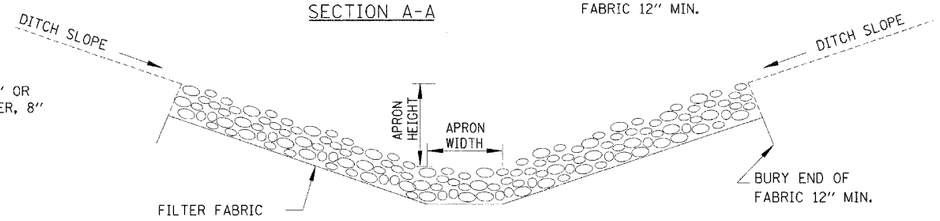
DETAIL A
BITUMINOUS OR CONCRETE SHOULDER CURB



PLAN B



SECTION A-A



SECTION B-B

** GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. THIS WORK SHALL CONSIST OF FURNISHING AND INSTALLING GEOTEXTILE FABRIC AND STAPLES, AND FURNISHING, PLACING, AND SHAPING CRUSHED AGGREGATE AROUND AND BEHIND STEEL PLATE BEAM GUARDRAIL POSTS IN ACCORDANCE WITH PLAN DETAILS.
2. BEFORE PLACING THE AGGREGATE AND THE GEOTEXTILE FABRIC, WEEDS AND GRASS SHALL BE REMOVED FROM THE AREA TO BE COVERED.
3. AFTER THE AREA HAS BEEN PREPARED, AND IN A DRY CONDITION, THE GEOTEXTILE FABRIC SHALL BE PLACED WITH A 12" MINIMUM OVERLAP. A KNIFE CUT FOR GUARDRAIL POST INSTALLATION IS NECESSARY.
4. THE AGGREGATE SHALL BE DEPOSITED, COMPACTED AND SHAPED BY EITHER MECHANICAL OR HAND METHODS, IN A MANNER REASONABLY TRUE TO LINE AND GRADE.
5. THE CONTRACTOR SHALL HAVE THE OPTION OF PLACING THE GUARDRAIL BEFORE OR AFTER THE GEOTEXTILE FABRIC AND AGGREGATE ARE IN PLACE. IF THE GUARDRAIL IS PLACED AFTER THE GEOTEXTILE FABRIC AND AGGREGATE THEN ANY VOIDS MUST BE FILLED AND THE AGGREGATE RETURNED TO LINE AND GRADE.
6. MATERIALS SHALL MEET THE FOLLOWING REQUIREMENTS:
   - A. THE CRUSHED AGGREGATE SHALL BE CA01 GRADATION IN ACCORDANCE WITH ARTICLE 1004.01(c) OF THE STANDARD SPECIFICATIONS.
   - B. THE GEOTEXTILE FABRIC SHALL BE NONWOVEN FABRIC IN ACCORDANCE WITH ARTICLE 1080.02 OF THE STANDARD SPECIFICATIONS.

CULVERT OUTLET PROTECTION					
STATION	APRON LENGTH	APRON WIDTH	HEIGHT	GRADATION	THICKNESS
	FEET	FEET	FEET		INCHES
170+12	16	2	2.5	3	15
171+37	16	2	4	3	15
265+00	26	2	3	5	28
68+26.83, LT (700E)	22	2	4	4	24
68+26.83, RT (700E)	16	2	4	3	15
10+38 (900E)	17	2	3	4	24
23+50 (RAMP A)	16	6	4	3	15
41+00 (RAMP C)	22	2	4	4	24
39+28 (RAMP C)	22	2	4	4	24
41+36 (RAMP D)	22	2	6	4	24

BITUMINOUS SHOULDER CURB

C.H. 18	STA. 244+19.97	TO	STA. 245+99.97	RT.
C.H. 18	STA. 246+14.97	TO	STA. 247+82.49	RT.
C.H. 18	STA. 250+62.49	TO	STA. 253+25.37	RT.
C.H. 18	STA. 247+19.97	TO	STA. 247+88.09	LT.
C.H. 18	STA. 250+68.09	TO	STA. 253+40.37	LT.
C.H. 18	STA. 253+55.37	TO	STA. 256+25.37	LT.
C.H. 18	STA. 256+40.37	TO	STA. 256+43.74	LT.

CONCRETE SHOULDER CURB

C.H. 18	STA. 244+04.97	TO	STA. 244+19.97	RT.
C.H. 18	STA. 245+99.97	TO	STA. 246+14.97	RT.
C.H. 18	STA. 247+04.97	TO	STA. 247+19.97	LT.
C.H. 18	STA. 253+25.37	TO	STA. 253+40.37	RT.
C.H. 18	STA. 253+40.37	TO	STA. 253+55.37	LT.
C.H. 18	STA. 256+25.37	TO	STA. 256+40.37	LT.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE — DRAWN BY DJP
DATE 07/13/2005 — CHECKED BY JWM

LAYOUT	DP/AM	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	JWM	01/05/04

07/13/2005
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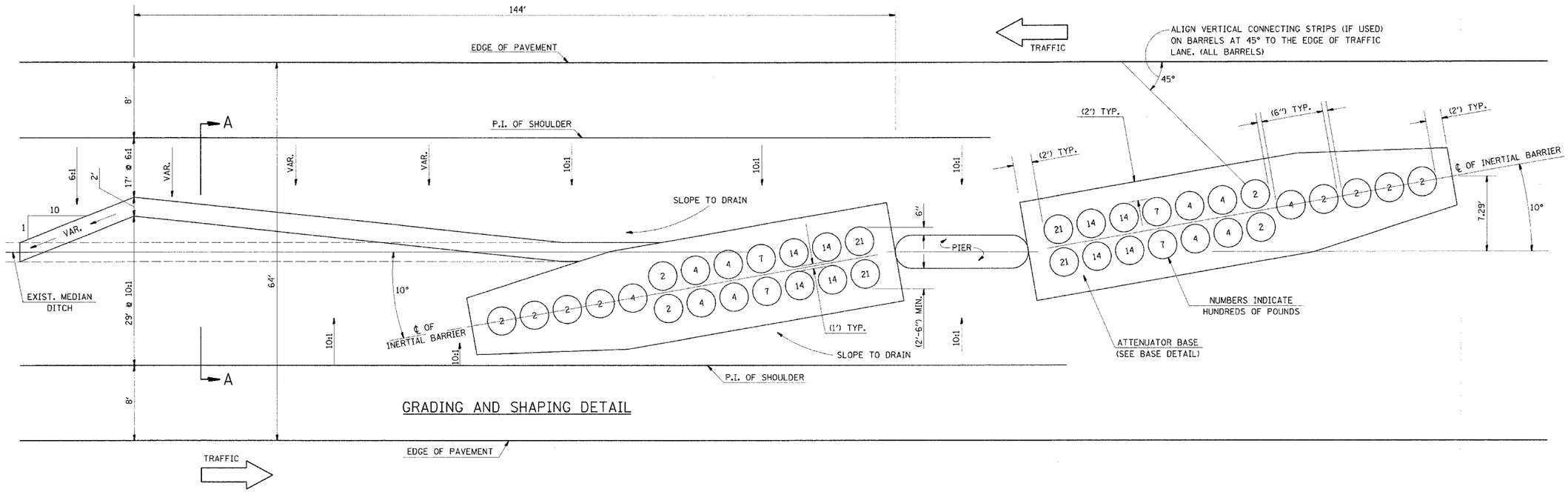
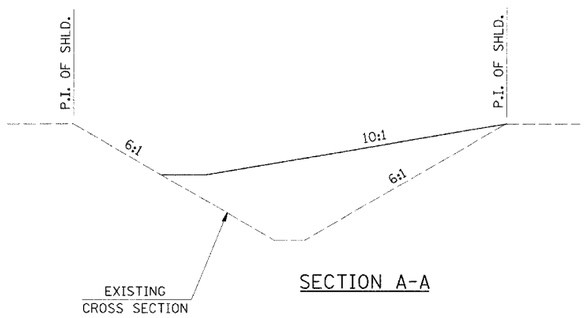
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	116 A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

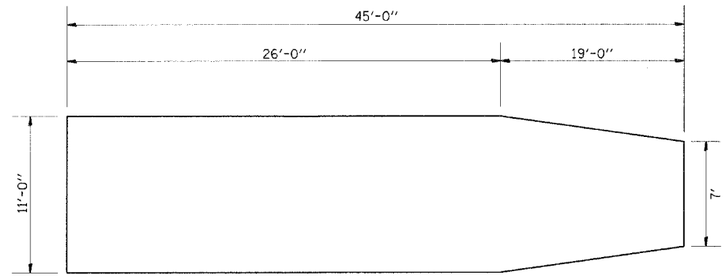
DETAIL OF INERTIAL BARRIERS
70 MPH DESIGN – 64' MEDIAN



GRADING AND SHAPING DETAIL



SECTION A-A



BASE DETAIL

GENERAL NOTES

1. ALL 10:1 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. THE LENGTH X WIDTH OF MODULE IS 41.0' x 7.0': 19 MODULES - 14,400 LBS.
4. IN AREAS OF 10:1 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' INTERVALS IN THE MEDIAN ℄. SEE SPECIAL PROVISIONS AND SCHEDULES.

	NAME	DATE
DESIGNED	D.L.P.	3-91
CHECKED	F.M.S.	3-91
CADD NO.	F-1.53A	

REVISIONS	
NAME	DATE
D.L.P.	6/94
D.L.P.	10/98
J.L.A.	3/99

REVISIONS	
NAME	DATE
D.L.P.	4/99
B.A.B.	10/99
K.A.G.	4/03

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IMPACT ATTENUATOR DETAIL
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=20' DRAWN BY DIST. 5
DATE 07/13/2005 CHECKED BY SKM

07/13/2005
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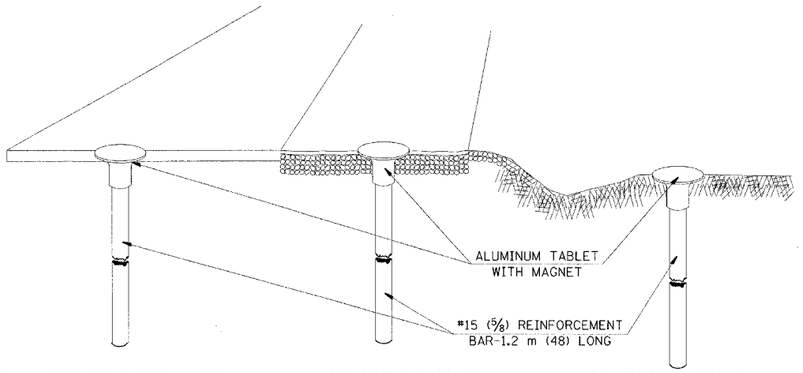
CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	117
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SURVEY MARKER, TYPE 1 (SPECIAL)

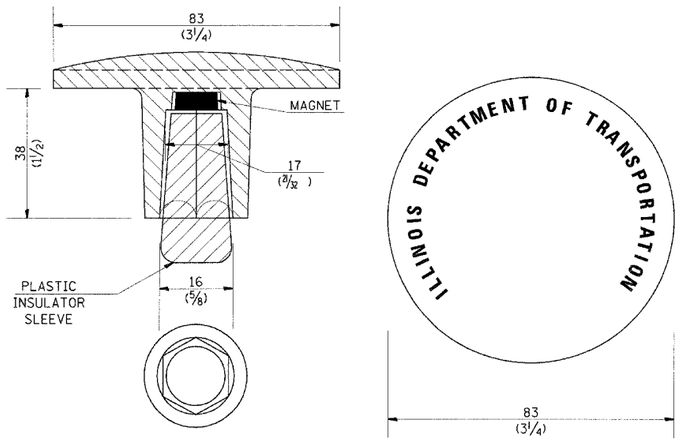
TO BE USED IN FLEXIBLE PAVEMENT AND SHOULDER, A-3 BITUMINOUS TREATED SURFACE OVER AGGREGATE BASE COURSE AND TURF AREAS WITHIN THE RIGHT-OF-WAY LIMITS FOR RESETTING EXISTING CENTERLINE CONTROL POINTS AND LAND SURVEY MONUMENTS



IN FLEXIBLE PAVEMENT OR SHOULDER | IN BITUMINOUS TREATED SURFACE | IN TURF AREAS WITHIN R.O.W.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 100 mm (4") CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 100 mm (4") DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 (725.01) OF THE STANDARD SPECIFICATIONS.
4. THE 100 mm (4") CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND ALL LABOR AND MATERIAL TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED SHALL BE PLACED ± 6 mm (1/4") BELOW THE FINAL SURFACE.



DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE I, (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE SURVEY MARKER.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 6 mm (1/4") BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

	NAME	DATE
DESIGNED	AWH	8/17/91
CHECKED	PEK	8/17/91
CADD NO.	D-1.05	

REVISIONS	
NAME	DATE
G.A.M.	11-95
D.L.P.	10-96

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 83 mm (3 1/4") CONVEX SURVEY CAP FOR 15 mm (5/8") REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 0.8 mm (1/32") FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 38 mm (1 1/2") LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 193 MPa (28 KSI), ULTIMATE 221 MPa (32 KSI). ELONGATION 15% (IN 50 mm (2")). SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

SPECIFICATION FOR REBAR

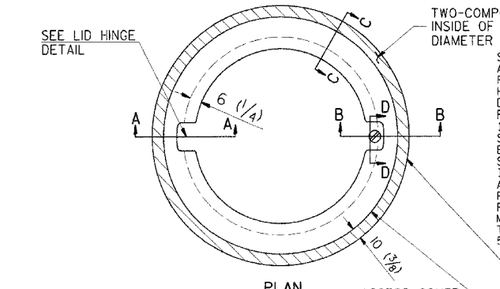
REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE #15 (5/8") X 1.2 m (48") (DEFORMED).

INSPECTION OF REINFORCEMENT BAR #15 (5/8") SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF HIGHWAYS, DIVISION OF HIGHWAYS.

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

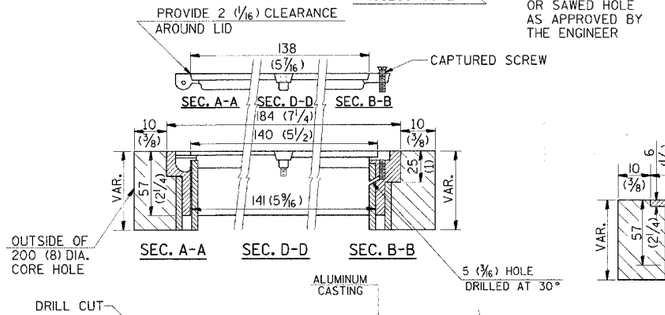
DETAIL OF SURVEY MARKER VAULT

FOR RESET LAND SURVEY MONUMENTS IN RIGID AND COMPOSITE PAVEMENTS



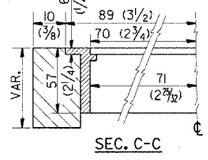
PLAN

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 150 mm (6") DIAMETER, OR OUTSIDE A STANDARD 125 mm (5") DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 25 mm (1") THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINED-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 131-145 MPa (19,000-21,000 PSI); TENSILE - 262-303 MPa (38,000-44,000 PSI); ELONGATION - 10-15% IN 50 mm (2"). SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.

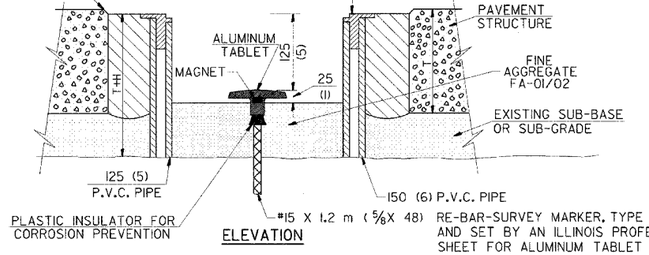


LEGEND

- ALUMINUM CASTING
- 125 (5) OR 150 (6) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 25 (1)

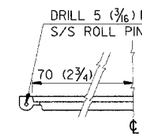


SEC. C-C



ELEVATION

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).



LID HINGE DETAIL

GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 125 mm (5") P.V.C. PIPE OR INSIDE OF A 150 mm (6") P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE-FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF CLASS I HAS BEEN COMPLETED.
5. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. THE CASTING SHALL BE ANCHORED IN THE 200 mm (8") DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 (725.01) OF THE STANDARD SPECIFICATIONS.
7. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 6 mm (1/4")± BELOW THE FINAL SURFACE.
8. THE 200 mm (8") DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

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

BILL OF MATERIAL
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 125 mm OR 150 mm (5" OR 6") Ø P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 2135. #15 X 1.2 m (5/8"X 48") RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SURVEY MARKER DETAILS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE — DRAWN BY DJP
DATE 07/13/2005 — CHECKED BY SKM

LAYOUT	DJP	10/04/04
DRAWN	DJP	10/04/04
REVIEWED	SKM	10/05/04

07/13/2005
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HANSON

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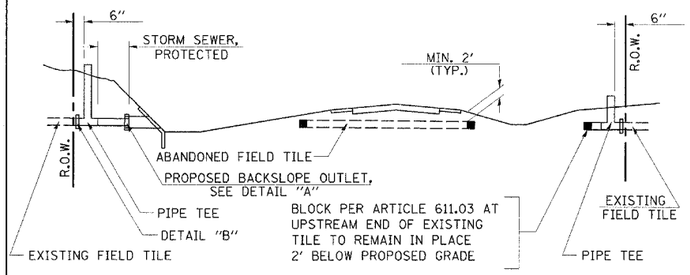
CONTRACT # 91353

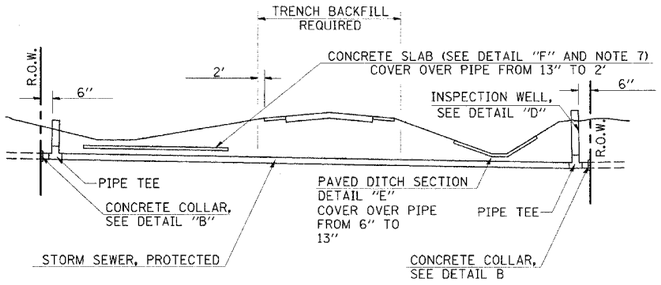
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	118
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS



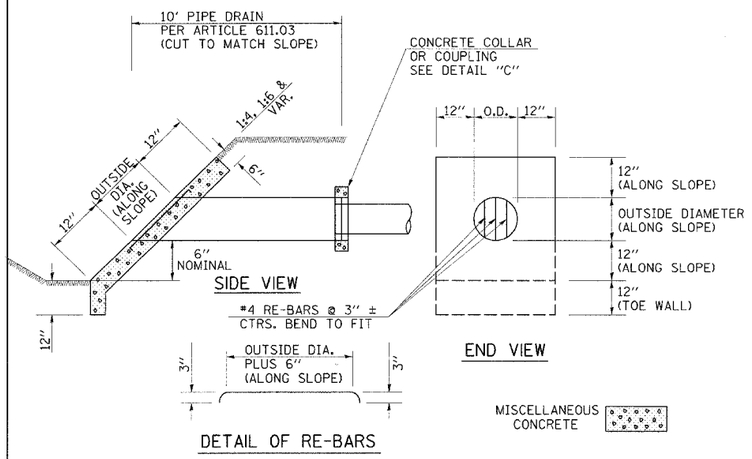
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



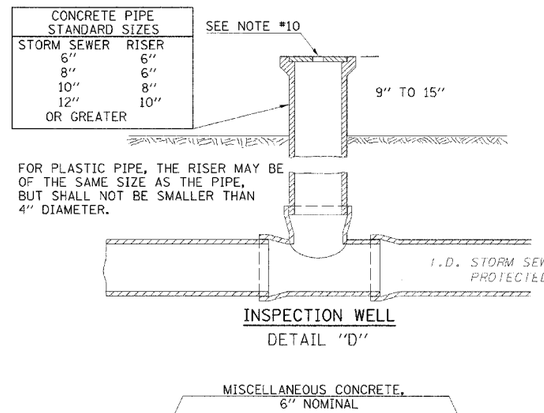
METHOD 'B' (2 LANE)

STORM SEWER LESS THAN 2' BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH

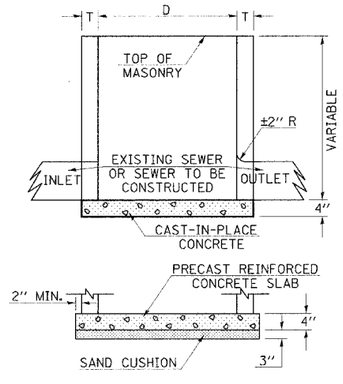


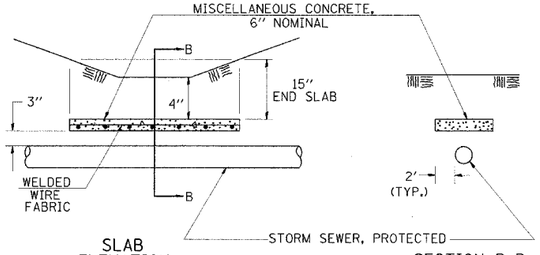
HEADWALL FOR BACKSLOPE OUTLET - DETAIL "A"

CONCRETE PIPE STANDARD SIZES	
STORM SEWER	RISER
6"	6"
8"	6"
10"	8"
12" OR GREATER	10"



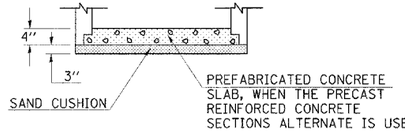
INSPECTION WELL
DETAIL "D"



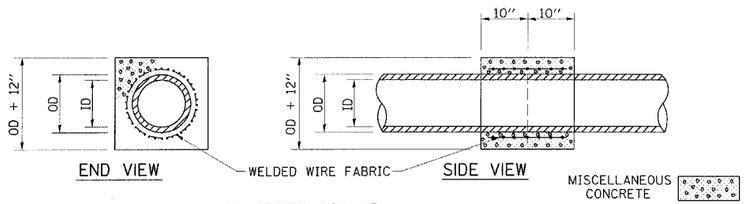


SLAB ELEVATION — SECTION B-B

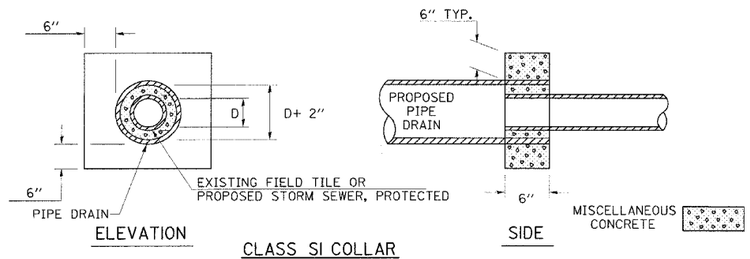
CONCRETE SLAB
DETAIL "F"



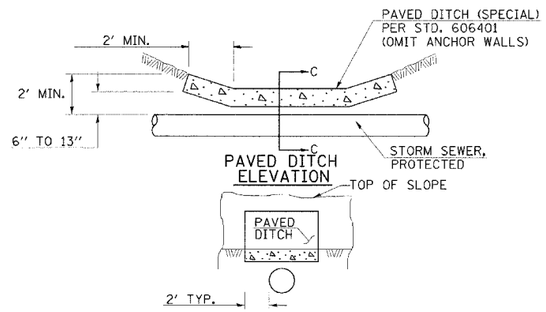
ALTERNATE BOTTOM SLAB



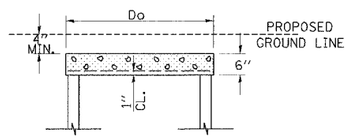
CONCRETE COLLAR
DETAIL "B"



CLASS SI COLLAR
DETAIL "C"



SECTION C-C
PAVED DITCH - DETAIL "E"



FIELD TILE JUNCTION VAULT DETAIL

D	Do (MIN.)	REINFORCEMENT "AS" W.W.F. EACH DIRECTION
2'	D+2T	.20 IN.²/FT.
3'		.20 IN.²/FT.

ALTERNATE MATERIALS FOR WALLS	T (MIN.)
PRECAST REINFORCED CONCRETE SECTION	3"
CONCRETE MASONRY UNIT	5"
CAST IN PLACE CONCRETE	6"
BRICK MASONRY	8"

GENERAL NOTES :

1. LOCATION OF THE EXPLORATION TRENCH 52" DEPTH SHALL BE INSIDE THE PROPOSED NORTH OR WEST RIGHT OF WAY LINE EXCEPT WHEN AN EXISTING RIGHT OF WAY LINE IS FURTHER NORTH OR WEST. IN WHICH CASE, THE EXPLORATION TRENCH SHALL BE INSIDE THE EXISTING NORTH OR WEST RIGHT OF WAY LINE, OR AS DIRECTED BY THE ENGINEER.
2. EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
3. ALL FIELD TILE THAT CROSSES THE PROPOSED ROADWAY SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B" AND AT THE DIRECTION OF THE ENGINEER.
4. INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
5. EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
6. NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, PROTECTED OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
7. THE 6" CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT OF WAY WITH LESS THAN 2' OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
8. ALL MISCELLANEOUS SLABS, APRONS, AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401. THE WELDED WIRE FABRIC SHALL BE INCLUDED IN THE COST FOR PAVED DITCH (SPECIAL) OR MISCELLANEOUS CONCRETE.
9. HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10". SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
10. THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" CAST IRON PROVIDED WITH A 1" DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.
11. SEE SECTION 611 OF THE STANDARD SPECIFICATIONS FOR WHEN TO USE FIELD TILE JUNCTION VAULTS. FIELD TILE JUNCTION VAULTS SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS SHOWN ON THIS SHEET AND THE APPLICABLE PORTIONS OF SECTION 602. THE DEPTH OF THE JUNCTION VAULT SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER. STORM SEWER SPECIAL PIPE SHOULD BE LAID ON A MINIMUM GRADE OF 1%. EXCAVATION, BEDDING AND BACKFILL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR FIELD TILE JUNCTION VAULTS, 2' DIA.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FIELD TILE DETAIL
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE — DRAWN BY DAP/SKM
DATE 07/13/2005 — CHECKED BY JWM

LAYOUT	DAP/SKM	12/26/03
DRAWN	DAP	12/26/03
REVIEWED	JWM	01/05/04

07/13/2005
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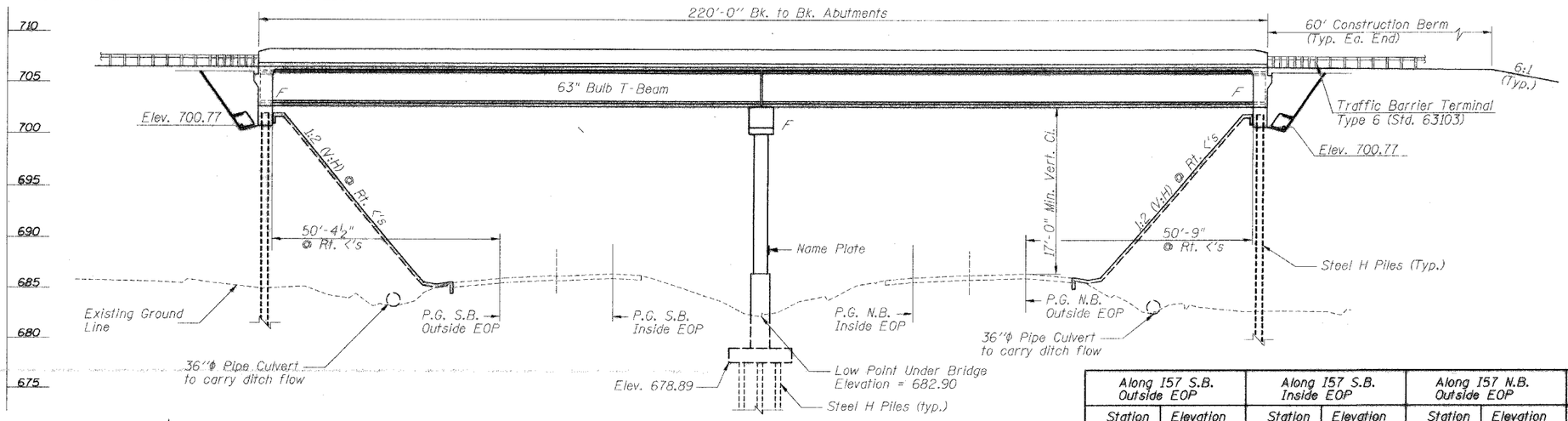
CONTRACT # 91353

B.M. #800C: Nail in Lone Post Near S.W. Corner of Wooded Area Around Pond, Elev. = 683.69, 52' Lt. of Sta. 250+81.

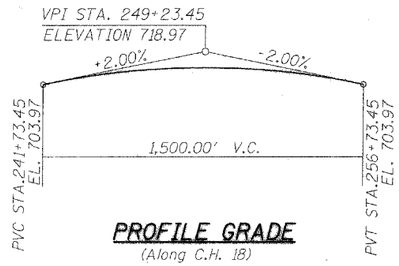
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	119
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

*99-00124-02-PV

SHEET NO. 01
SHEETS 17



ELEVATION



PROFILE GRADE
(Along C.H. 18)

Along I57 S.B. Outside EOP		Along I57 S.B. Inside EOP		Along I57 N.B. Outside EOP		Along I57 N.B. Inside EOP	
Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
899+55.10	686.57	899+57.36	687.12	899+65.89	687.27	899+63.61	686.74
899+65.24	686.61	899+67.44	687.13	899+75.75	687.23	899+73.58	686.77
899+75.32	686.67	899+77.47	687.16	899+85.63	687.27	899+83.48	686.77
899+85.43	686.67	899+87.59	687.18	899+95.55	687.26	899+93.43	686.83
899+95.51	686.70	899+97.49	687.23	900+05.48	687.29	900+03.48	686.85
900+05.60	686.76	900+07.65	687.21	900+15.33	687.32	900+13.25	686.88
900+15.70	686.80	900+17.77	687.24	900+25.20	687.35	900+23.26	686.93
900+25.86	686.80	900+27.76	687.28	900+35.08	687.39	900+33.18	686.94
900+35.85	686.83	900+37.82	687.31	900+45.05	687.40	900+43.13	686.96

PROFILE GRADE
(Along I-57 EOP)

DESIGN SPECIFICATIONS

AASHTO 2002

LOADING HS20-44

Allow 50 psf for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.06g
Site Coefficient (S) = 1.0

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (reinf.)

PRECAST PRESTRESSED UNITS

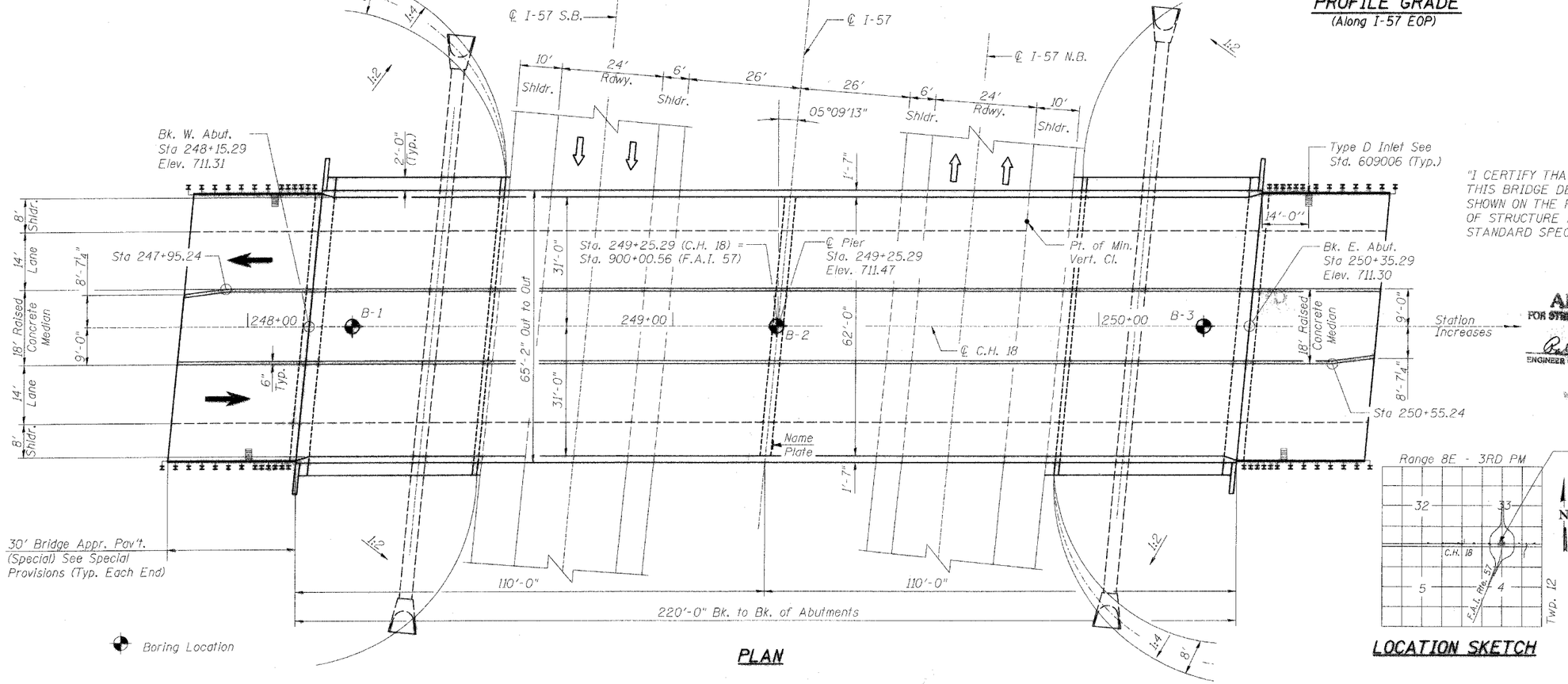
f'c = 6,000 psi
f'ci = 5,000 psi
f's = 270,000 psi (1/2"ϕ low lax strands)
fsi = 201,960 psi (1/2"ϕ low lax strands)

"I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS BRIDGE DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH REQUIREMENTS OF THE CURRENT 'AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES.'"

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

JAMES W. HOLL
4376
REGISTERED STRUCTURAL ENGINEER OF ILLINOIS

SIGNATURE:
DATE SIGNED: 7-8-03
LISC. EXP. DATE: 11-30-04



PLAN

LOCATION SKETCH

Corporate License Number 184-001-084

GENERAL PLAN AND ELEVATION
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B

DATE: 05/27/03

DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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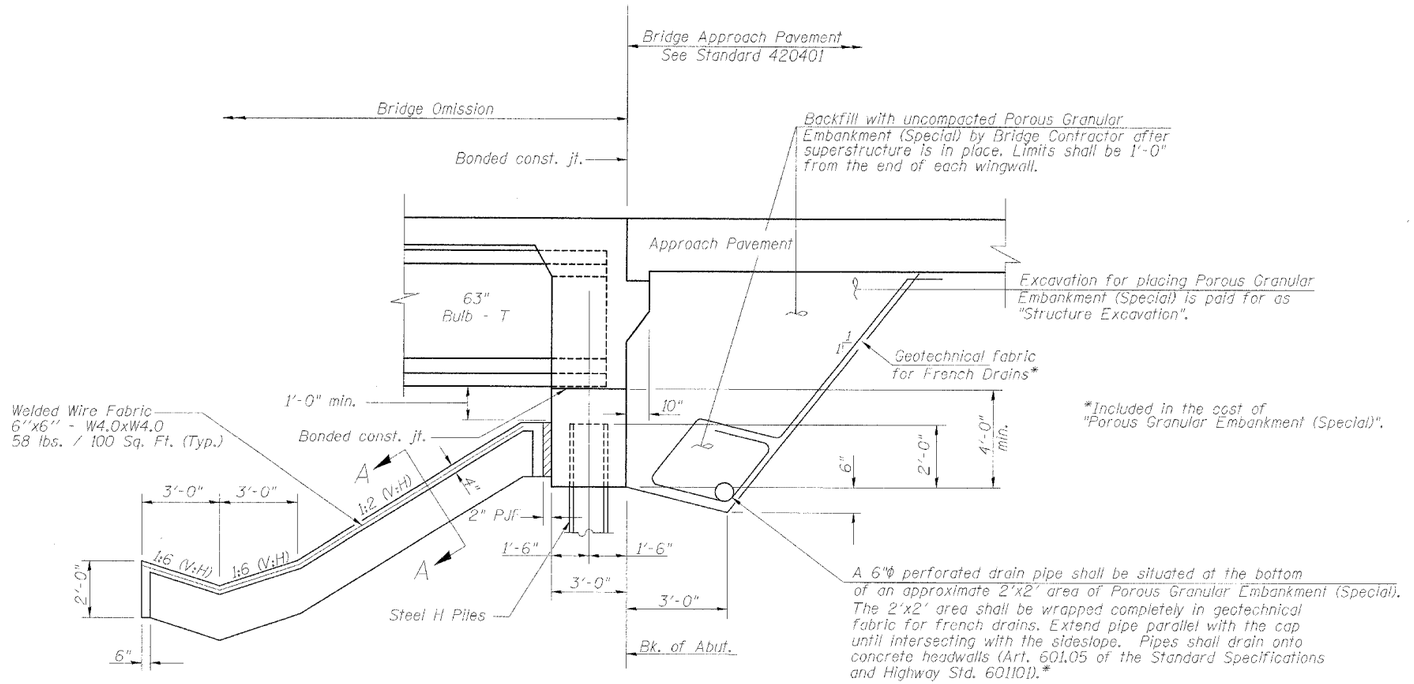
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	120
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

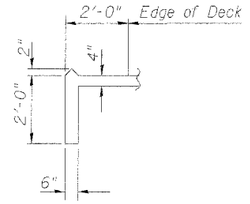
SHEET NO. 02
SHEETS 17

*99-00124-02-PV



SECTION THRU INTEGRAL ABUTMENT AND SLOPEWALL

(Dimensions @ Rt. ∠'s to Bk. of Abutment)



SECTION A-A

GENERAL NOTES

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.

The contractor shall drive 1 HP12x53 test piles in a permanent location at each abutment and pier as directed by the Engineer before ordering the remainder of piles.

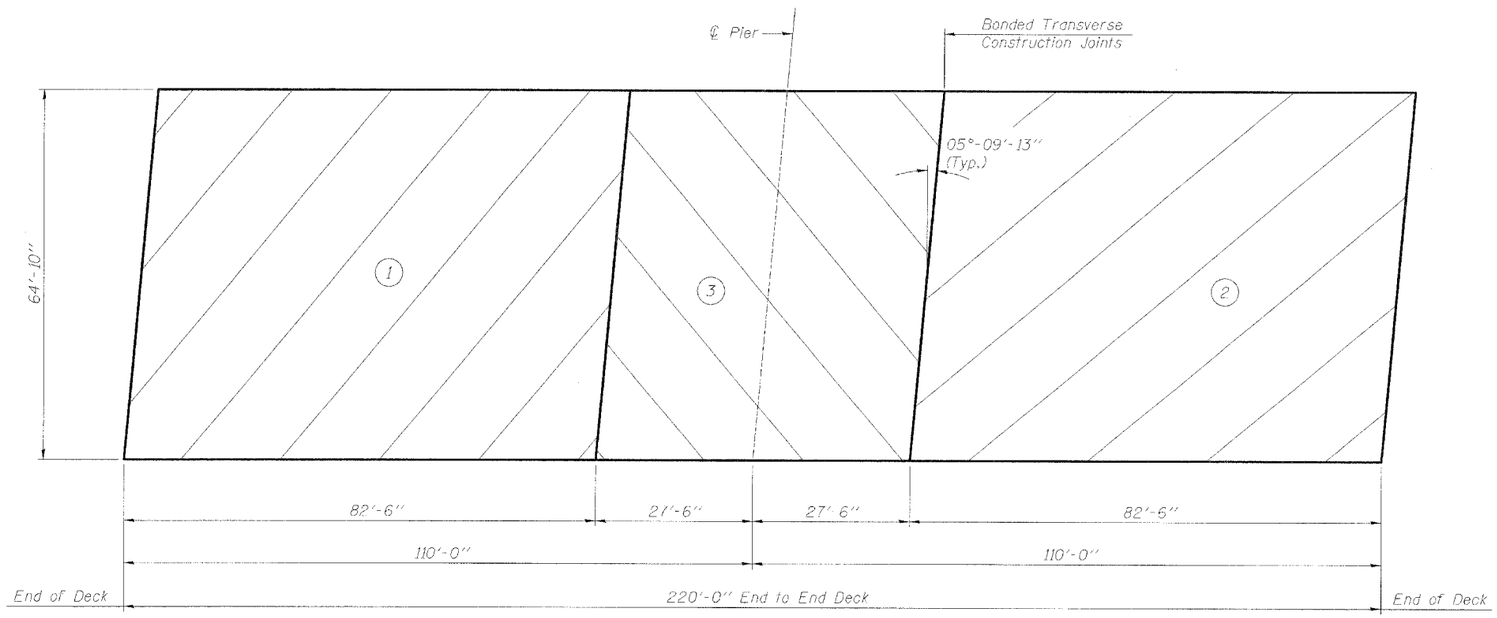
All construction joints shall be bonded.

Slope wall shall be reinforced with welded wire fabric 6"x6" - W4.0xW4.0. weighing 58 lbs. per 100 Sq. Ft.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

When the deck pour is stopped for the day at one or more of the transverse Bonded Construction Joints in the deck Pouring Sequence as shown, the next pour shall not be made until both of the following requirements are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.



DECK POURING SEQUENCE

The concrete deck segments shall be poured in the numerical order shown above.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.	-	415	415
Protective Coat	Sq. Yd.	1628	-	1628
Structure Excavation	Cu. Yd.	-	613	613
Concrete Structures	Cu. Yd.	-	198.4	198.4
Concrete Superstructure	Cu. Yd.	578.3	-	578.3
Bridge Deck Grooving	Sq. Yd.	1002	-	1002
Furnishing and Erecting Precast Prestressed Concrete Bulb-T-Beams 63"	Ft.	2178.5	-	2178.5
Reinforcement Bars, Epoxy Coated	Lbs.	112690	38550	151240
Slope Wall 4"	Sq. Yd.	-	690	690
Furnishing Steel Piles HP12x53	Ft.	-	3574	3574
Driving Steel Piles	Ft.	-	3574	3574
Test Pile Steel HP12x53	Each	-	3	3
Name Plates	Each	-	1	1
Bar Splicers	Each	122	-	122

STATION 249+25.29
BUILT 20__ BY
STATE OF ILLINOIS
F.A.S. RT. 642 SEC. 99-00124-02-PV
LOADING HS20-44
STR. NO. 015-0073

NAME PLATE

See Std. 515001

Corporate License Number 184-001-084

GENERAL NOTES & BILL OF MATERIAL
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B

DATE: 05/27/03

LAYOUT	MWM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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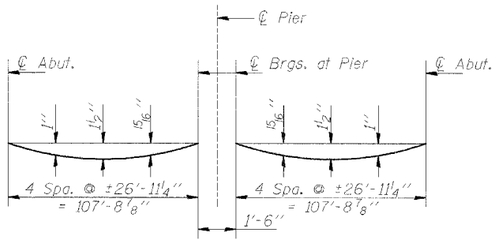
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	X	COLES	229	121
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

*99-00124-02-PV

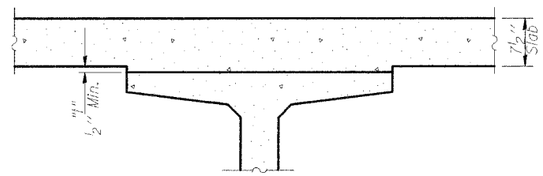
SHEET NO. 03
SHEETS 17



DEAD LOAD DEFLECTION DIAGRAM

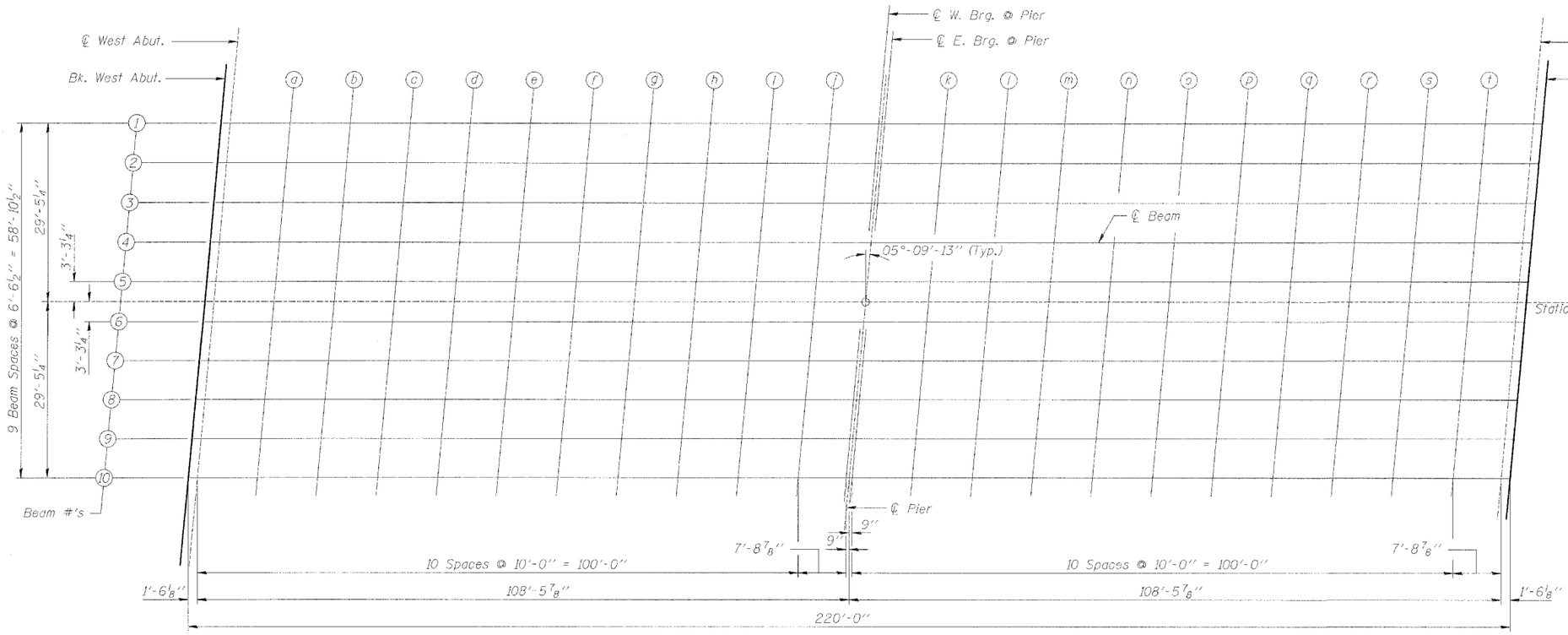
(Includes weight of concrete, excluding beams).

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 4 & 5 of 17.



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

FILLET HEIGHTS



DIAGRAMMATIC PLAN

Corporate License Number 184-001-084

TOP OF SLAB ELEVATIONS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

DATE: 05/27/03

LAYOUT	MWM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

I:\97JOBS\97s2028b\Struct\V-57 Bridge\bridgedgn
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	122
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 04

SHEETS 17

*99-00124-02-PV

BEAM #1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+17.943	-29.438	710.828	710.828
℄ W. Abut.	248+19.455	-29.438	710.832	710.832
a	248+29.455	-29.438	710.859	710.890
b	248+39.455	-29.438	710.882	710.946
c	248+49.455	-29.438	710.904	710.992
d	248+59.455	-29.438	710.922	711.023
e	248+69.455	-29.438	710.938	711.050
f	248+79.455	-29.438	710.951	711.059
g	248+89.455	-29.438	710.961	711.056
h	248+99.455	-29.438	710.969	711.050
i	249+09.455	-29.438	710.974	711.027
j	249+19.455	-29.438	710.976	710.999
℄ W. Brg. @ Pier	249+27.193	-29.438	710.976	710.976
℄ Pier	249+27.943	-29.438	710.976	710.976
℄ E. Brg. @ Pier	249+28.693	-29.438	710.976	710.976
k	249+38.693	-29.438	710.973	711.003
l	249+48.693	-29.438	710.968	711.028
m	249+58.693	-29.438	710.960	711.044
n	249+68.693	-29.438	710.949	711.047
o	249+78.693	-29.438	710.936	711.048
p	249+88.693	-29.438	710.920	711.030
q	249+98.693	-29.438	710.901	710.999
r	250+08.693	-29.438	710.880	710.966
s	250+18.693	-29.438	710.856	710.912
t	250+28.693	-29.438	710.829	710.853
℄ E. Abut.	250+36.434	-29.438	710.806	710.806
Bk. E. Abut.	250+37.943	-29.438	710.802	710.802

BEAM #2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+17.354	-22.896	710.962	710.962
℄ W. Abut.	248+18.865	-22.896	710.966	710.966
a	248+28.865	-22.896	710.993	711.025
b	248+38.865	-22.896	711.017	711.080
c	248+48.865	-22.896	711.038	711.127
d	248+58.865	-22.896	711.057	711.157
e	248+68.865	-22.896	711.073	711.185
f	248+78.865	-22.896	711.086	711.194
g	248+88.865	-22.896	711.096	711.191
h	248+98.865	-22.896	711.104	711.186
i	249+08.865	-22.896	711.109	711.162
j	249+18.865	-22.896	711.112	711.135
℄ W. Brg. @ Pier	249+26.604	-22.896	711.112	711.112
℄ Pier	249+27.354	-22.896	711.112	711.112
℄ E. Brg. @ Pier	249+28.104	-22.896	711.112	711.112
k	249+38.104	-22.896	711.109	711.139
l	249+48.104	-22.896	711.104	711.164
m	249+58.104	-22.896	711.096	711.181
n	249+68.104	-22.896	711.086	711.184
o	249+78.104	-22.896	711.072	711.184
p	249+88.104	-22.896	711.056	711.166
q	249+98.104	-22.896	711.038	711.136
r	250+08.104	-22.896	711.017	711.103
s	250+18.104	-22.896	710.993	711.049
t	250+28.104	-22.896	710.966	710.991
℄ E. Abut.	250+35.844	-22.896	710.944	710.944
Bk. E. Abut.	250+37.354	-22.896	710.939	710.939

BEAM #3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+16.764	-16.354	711.063	711.063
℄ W. Abut.	248+18.275	-16.354	711.067	711.067
a	248+28.275	-16.354	711.094	711.125
b	248+38.275	-16.354	711.118	711.181
c	248+48.275	-16.354	711.139	711.228
d	248+58.275	-16.354	711.158	711.258
e	248+68.275	-16.354	711.174	711.286
f	248+78.275	-16.354	711.187	711.296
g	248+88.275	-16.354	711.198	711.293
h	248+98.275	-16.354	711.206	711.287
i	249+08.275	-16.354	711.211	711.264
j	249+18.275	-16.354	711.214	711.237
℄ W. Brg. @ Pier	249+26.014	-16.354	711.214	711.214
℄ Pier	249+26.764	-16.354	711.214	711.214
℄ E. Brg. @ Pier	249+27.514	-16.354	711.214	711.214
k	249+37.514	-16.354	711.212	711.242
l	249+47.514	-16.354	711.207	711.266
m	249+57.514	-16.354	711.199	711.284
n	249+67.514	-16.354	711.189	711.287
o	249+77.514	-16.354	711.175	711.287
p	249+87.514	-16.354	711.160	711.270
q	249+97.514	-16.354	711.141	711.239
r	250+07.514	-16.354	711.120	711.206
s	250+17.514	-16.354	711.096	711.153
t	250+27.514	-16.354	711.070	711.095
℄ E. Abut.	250+35.254	-16.354	711.048	711.048
Bk. E. Abut.	250+36.764	-16.354	711.043	711.043

BEAM #4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+16.174	-9.813	711.163	711.163
℄ W. Abut.	248+17.686	-9.813	711.167	711.167
a	248+27.686	-9.813	711.194	711.226
b	248+37.686	-9.813	711.219	711.282
c	248+47.686	-9.813	711.240	711.329
d	248+57.686	-9.813	711.259	711.360
e	248+67.686	-9.813	711.275	711.388
f	248+77.686	-9.813	711.289	711.397
g	248+87.686	-9.813	711.300	711.395
h	248+97.686	-9.813	711.308	711.389
i	249+07.686	-9.813	711.313	711.366
j	249+17.686	-9.813	711.316	711.339
℄ W. Brg. @ Pier	249+25.424	-9.813	711.317	711.317
℄ Pier	249+26.174	-9.813	711.317	711.317
℄ E. Brg. @ Pier	249+26.924	-9.813	711.316	711.316
k	249+36.924	-9.813	711.314	711.344
l	249+46.924	-9.813	711.309	711.369
m	249+56.924	-9.813	711.302	711.386
n	249+66.924	-9.813	711.291	711.390
o	249+76.924	-9.813	711.279	711.390
p	249+86.924	-9.813	711.263	711.373
q	249+96.924	-9.813	711.245	711.343
r	250+06.924	-9.813	711.224	711.310
s	250+16.924	-9.813	711.200	711.256
t	250+26.924	-9.813	711.174	711.198
℄ E. Abut.	250+34.664	-9.813	711.152	711.152
Bk. E. Abut.	250+36.174	-9.813	711.147	711.147

BEAM #5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+15.584	-3.271	711.264	711.264
℄ W. Abut.	248+17.096	-3.271	711.268	711.268
a	248+27.096	-3.271	711.295	711.327
b	248+37.096	-3.271	711.319	711.383
c	248+47.096	-3.271	711.341	711.430
d	248+57.096	-3.271	711.360	711.461
e	248+67.096	-3.271	711.377	711.489
f	248+77.096	-3.271	711.390	711.499
g	248+87.096	-3.271	711.401	711.496
h	248+97.096	-3.271	711.410	711.491
i	249+07.096	-3.271	711.415	711.468
j	249+17.096	-3.271	711.418	711.441
℄ W. Brg. @ Pier	249+24.834	-3.271	711.419	711.419
℄ Pier	249+25.584	-3.271	711.419	711.419
℄ E. Brg. @ Pier	249+26.334	-3.271	711.419	711.419
k	249+36.334	-3.271	711.417	711.446
l	249+46.334	-3.271	711.412	711.471
m	249+56.334	-3.271	711.404	711.489
n	249+66.334	-3.271	711.394	711.493
o	249+76.334	-3.271	711.382	711.493
p	249+86.334	-3.271	711.366	711.476
q	249+96.334	-3.271	711.348	711.446
r	250+06.334	-3.271	711.327	711.413
s	250+16.334	-3.271	711.304	711.360
t	250+26.334	-3.271	711.278	711.302
℄ E. Abut.	250+34.074	-3.271	711.256	711.256
Bk. E. Abut.	250+35.584	-3.271	711.251	711.251

℄ ROADWAY & P.G. LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+15.289	0.000	711.314	711.314
℄ W. Abut.	248+16.801	0.000	711.318	711.318
a	248+26.801	0.000	711.345	711.377
b	248+36.801	0.000	711.370	711.433
c	248+46.801	0.000	711.392	711.480
d	248+56.801	0.000	711.411	711.511
e	248+66.801	0.000	711.427	711.540
f	248+76.801	0.000	711.441	711.550
g	248+86.801	0.000	711.452	711.547
h	248+96.801	0.000	711.461	711.542
i	249+06.801	0.000	711.466	711.519
j	249+16.801	0.000	711.469	711.492
℄ W. Brg. @ Pier	249+24.539	0.000	711.470	711.470
℄ Pier	249+25.289	0.000	711.470	711.470
℄ E. Brg. @ Pier	249+26.039	0.000	711.470	711.470
k	249+36.039	0.000	711.468	711.498
l	249+46.039	0.000	711.463	711.523
m	249+56.039	0.000	711.456	711.540
n	249+66.039	0.000	711.446	711.544
o	249+76.039	0.000	711.433	711.545
p	249+86.039	0.000	711.418	711.528
q	249+96.039	0.000	711.400	711.498
r	250+06.039	0.000	711.379	711.465
s	250+16.039	0.000	711.356	711.412
t	250+26.039	0.000	711.330	711.354
℄ E. Abut.	250+33.779	0.000	711.308	711.308
Bk. E. Abut.	250+35.289	0.000	711.303	711.303

I:\97\0B539\s2028b\StrucV-57 Bridgeburidgedgn
9/7/2005

LAYOUT	MNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JNM	05/12/03

Corporate License Number 184-001-084

TOP OF SLAB ELEVATIONS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

DATE: 05/27/03

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	123
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

*99-00124-02-PV

SHEET NO. 05

SHEETS 17

BEAM #6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+14.994	3.271	711.262	711.262
℄ W. Abut.	248+16.506	3.271	711.266	711.266
a	248+26.506	3.271	711.294	711.325
b	248+36.506	3.271	711.318	711.381
c	248+46.506	3.271	711.340	711.429
d	248+56.506	3.271	711.359	711.460
e	248+66.506	3.271	711.376	711.488
f	248+76.506	3.271	711.389	711.498
g	248+86.506	3.271	711.401	711.496
h	248+96.506	3.271	711.409	711.491
i	249+06.506	3.271	711.415	711.468
j	249+16.506	3.271	711.418	711.441
℄ W. Brg. @ Pier	249+24.244	3.271	711.419	711.419
℄ Pier	249+24.994	3.271	711.419	711.419
℄ E. Brg. @ Pier	249+25.744	3.271	711.419	711.419
k	249+35.744	3.271	711.417	711.447
l	249+45.744	3.271	711.412	711.472
m	249+55.744	3.271	711.405	711.490
n	249+65.744	3.271	711.395	711.493
o	249+75.744	3.271	711.382	711.494
p	249+85.744	3.271	711.367	711.477
q	249+95.744	3.271	711.349	711.447
r	250+05.744	3.271	711.329	711.415
s	250+15.744	3.271	711.305	711.361
t	250+25.744	3.271	711.279	711.304
℄ E. Abut.	250+33.484	3.271	711.257	711.257
Bk. E. Abut.	250+34.994	3.271	711.253	711.253

BEAM #7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+14.404	9.813	711.158	711.158
℄ W. Abut.	248+15.916	9.813	711.162	711.162
a	248+25.916	9.813	711.190	711.221
b	248+35.916	9.813	711.214	711.278
c	248+45.916	9.813	711.237	711.325
d	248+55.916	9.813	711.256	711.357
e	248+65.916	9.813	711.273	711.385
f	248+75.916	9.813	711.286	711.395
g	248+85.916	9.813	711.298	711.393
h	248+95.916	9.813	711.307	711.388
i	249+05.916	9.813	711.313	711.365
j	249+15.916	9.813	711.316	711.339
℄ W. Brg. @ Pier	249+23.654	9.813	711.317	711.317
℄ Pier	249+24.404	9.813	711.317	711.317
℄ E. Brg. @ Pier	249+25.154	9.813	711.317	711.317
k	249+35.154	9.813	711.315	711.345
i	249+45.154	9.813	711.310	711.370
m	249+55.154	9.813	711.303	711.388
n	249+65.154	9.813	711.293	711.392
o	249+75.154	9.813	711.281	711.393
p	249+85.154	9.813	711.266	711.376
q	249+95.154	9.813	711.248	711.346
r	250+05.154	9.813	711.228	711.314
s	250+15.154	9.813	711.205	711.261
t	250+25.154	9.813	711.179	711.203
℄ E. Abut.	250+32.895	9.813	711.157	711.157
Bk. E. Abut.	250+34.404	9.813	711.153	711.153

BEAM #8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+13.814	16.354	711.054	711.054
℄ W. Abut.	248+15.326	16.354	711.059	711.059
a	248+25.326	16.354	711.086	711.118
b	248+35.326	16.354	711.111	711.174
c	248+45.326	16.354	711.133	711.222
d	248+55.326	16.354	711.153	711.253
e	248+65.326	16.354	711.169	711.282
f	248+75.326	16.354	711.184	711.292
g	248+85.326	16.354	711.195	711.290
h	248+95.326	16.354	711.204	711.285
i	249+05.326	16.354	711.210	711.263
j	249+15.326	16.354	711.214	711.237
℄ W. Brg. @ Pier	249+23.064	16.354	711.214	711.214
℄ Pier	249+23.814	16.354	711.214	711.214
℄ E. Brg. @ Pier	249+24.564	16.354	711.214	711.214
k	249+34.564	16.354	711.213	711.243
i	249+44.564	16.354	711.208	711.268
m	249+54.564	16.354	711.202	711.286
n	249+64.564	16.354	711.192	711.290
o	249+74.564	16.354	711.180	711.292
p	249+84.564	16.354	711.165	711.274
q	249+94.564	16.354	711.147	711.245
r	250+04.564	16.354	711.127	711.213
s	250+14.564	16.354	711.104	711.160
t	250+24.564	16.354	711.078	711.103
℄ E. Abut.	250+32.305	16.354	711.056	711.056
Bk. E. Abut.	250+33.814	16.354	711.052	711.052

BEAM #9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+13.225	22.896	710.950	710.950
℄ W. Abut.	248+14.736	22.896	710.955	710.955
a	248+24.736	22.896	710.982	711.014
b	248+34.736	22.896	711.007	711.070
c	248+44.736	22.896	711.030	711.118
d	248+54.736	22.896	711.049	711.150
e	248+54.736	22.896	711.066	711.179
f	248+74.736	22.896	711.081	711.189
g	248+84.736	22.896	711.092	711.187
h	248+94.736	22.896	711.101	711.183
i	249+04.736	22.896	711.108	711.160
j	249+14.736	22.896	711.111	711.134
℄ W. Brg. @ Pier	249+22.475	22.896	711.112	711.112
℄ Pier	249+23.225	22.896	711.112	711.112
℄ E. Brg. @ Pier	249+23.975	22.896	711.112	711.112
k	249+33.975	22.896	711.111	711.141
i	249+43.975	22.896	711.107	711.166
m	249+53.975	22.896	711.100	711.184
n	249+63.975	22.896	711.090	711.189
o	249+73.975	22.896	711.078	711.190
p	249+83.975	22.896	711.063	711.173
q	249+93.975	22.896	711.046	711.144
r	250+03.975	22.896	711.026	711.112
s	250+13.975	22.896	711.003	711.059
t	250+23.975	22.896	710.977	711.002
℄ E. Abut.	250+31.715	22.896	710.956	710.956
Bk. E. Abut.	250+33.225	22.896	710.952	710.952

BEAM #10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	248+12.635	29.438	710.813	710.813
℄ W. Abut.	248+14.146	29.438	710.817	710.817
a	248+24.146	29.438	710.845	710.877
b	248+34.146	29.438	710.870	710.933
c	248+44.146	29.438	710.893	710.981
d	248+54.146	29.438	710.912	711.013
e	248+64.146	29.438	710.930	711.042
f	248+74.146	29.438	710.944	711.053
g	248+84.146	29.438	710.956	711.051
h	248+94.146	29.438	710.965	711.046
i	249+04.146	29.438	710.971	711.024
j	249+14.146	29.438	710.975	710.998
℄ W. Brg. @ Pier	249+21.885	29.438	710.976	710.976
℄ Pier	249+22.635	29.438	710.977	710.977
℄ E. Brg. @ Pier	249+23.385	29.438	710.977	710.977
k	249+33.385	29.438	710.975	711.005
l	249+43.385	29.438	710.971	711.031
m	249+53.385	29.438	710.965	711.049
n	249+63.385	29.438	710.955	711.053
o	249+73.385	29.438	710.943	711.055
p	249+83.385	29.438	710.929	711.038
q	249+93.385	29.438	710.911	711.009
r	250+03.385	29.438	710.891	710.977
s	250+13.385	29.438	710.869	710.925
t	250+23.385	29.438	710.843	710.868
℄ E. Abut.	250+31.125	29.438	710.822	710.822
Bk. E. Abut.	250+32.635	29.438	710.818	710.818

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9/7/2005

LAYOUT	MNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

Corporate License Number 184-001-084

TOP OF SLAB ELEVATIONS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

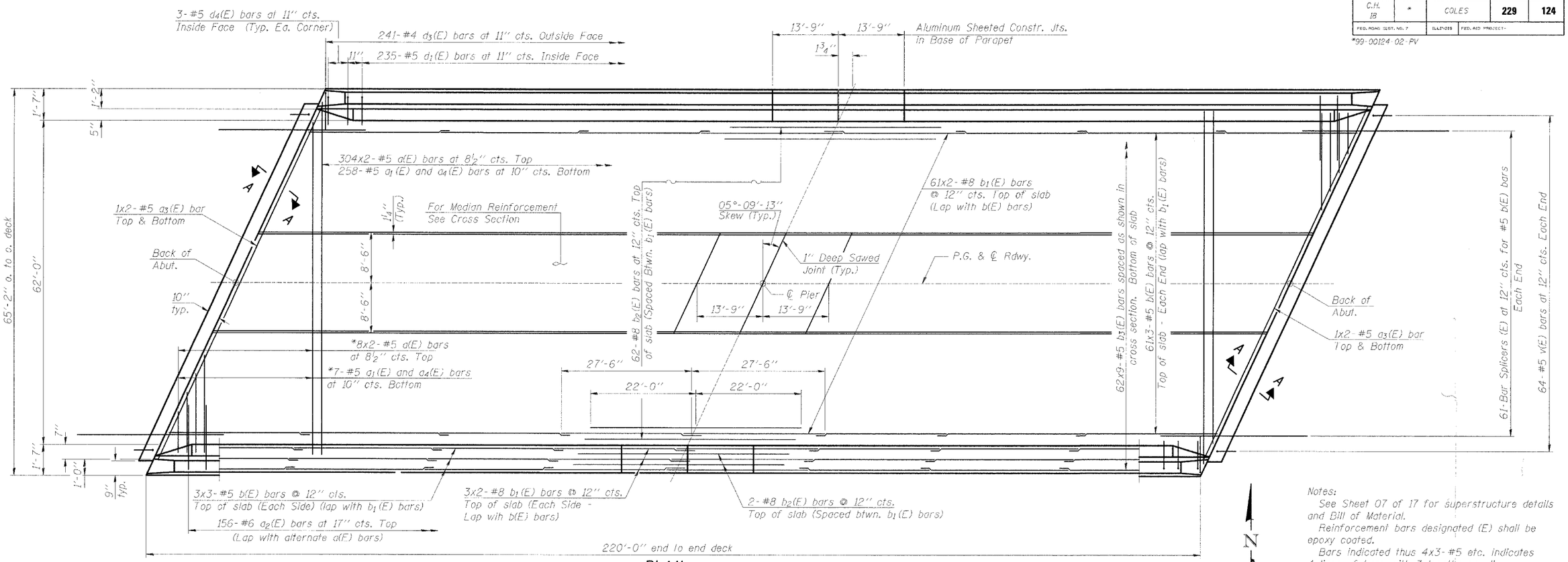
DATE 05/27/03

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	124
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

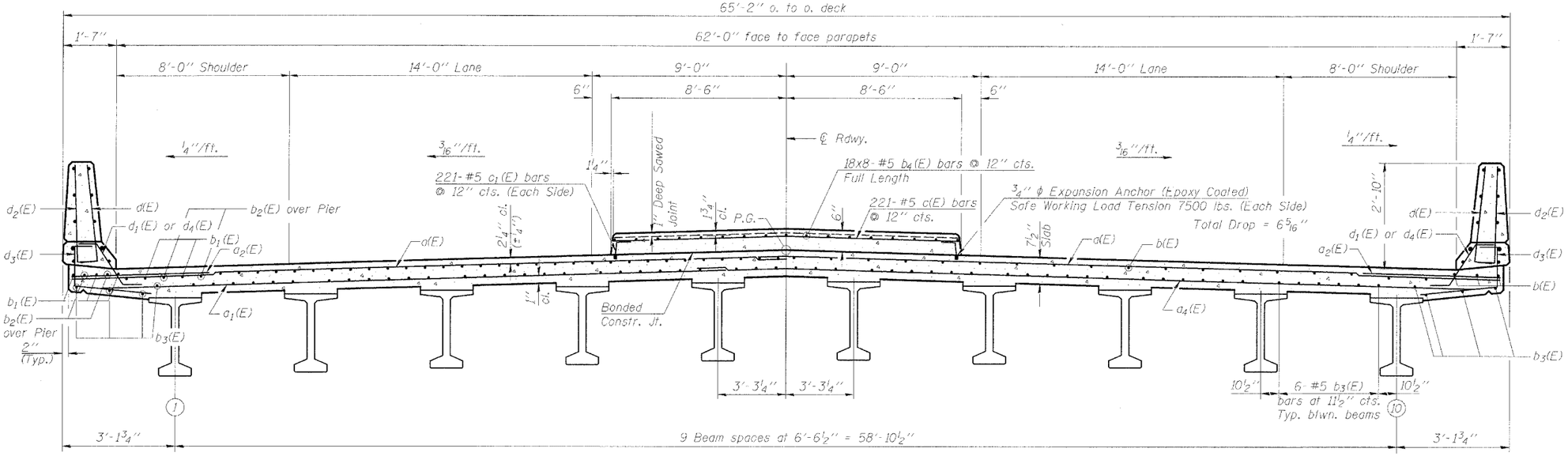
*99-00124-02-PV

SHEET NO. 06
SHEETS 17



PLAN

* Order a(E), a_1(E) and a_4(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.



NEAR PIER — CROSS SECTION (Looking East) — NEAR MIDSPAN

Notes:
See Sheet 07 of 17 for superstructure details and Bill of Material.
Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 4x3-#5 etc. indicates 4 lines of bars with 3 lengths per line.
See Sheet 07 of 17 for parapet reinforcement.
See Bar Splicer (Coupler) Details, Sheet 10 of 17.
3/4" ϕ Expansion Anchors (Epoxy Coated) shall be included in the contract unit price per pound of reinforcement bars epoxy coated.
For Section A-A See Sheet 09 of 17.

MIN. BAR LAPS

#4 Bar - 1'-8"
#5 Bar - 2'-2"
#6 Bar - 2'-7"
#8 Bar - 4'-6"

LAYOUT	MNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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9/7/2005

Corporate License Number 184-001-084

SUPERSTRUCTURE
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

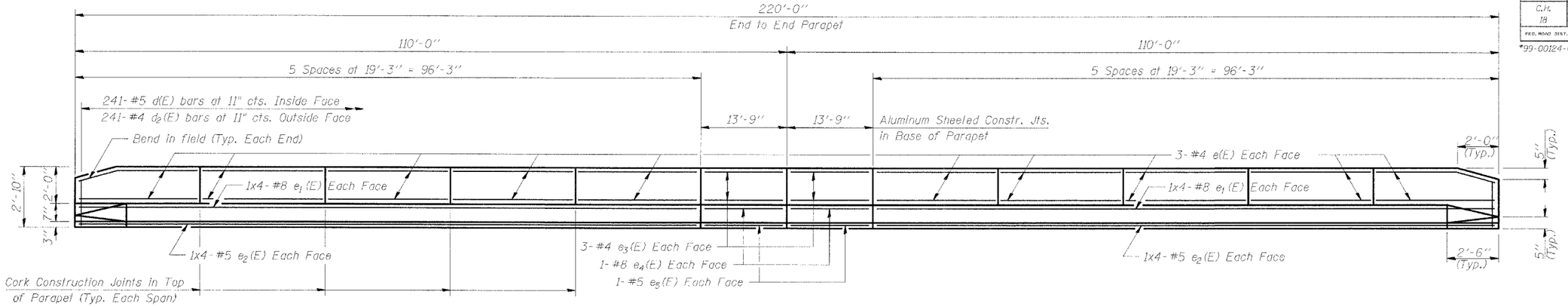
DATE: 05/27/03

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	125
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT:	

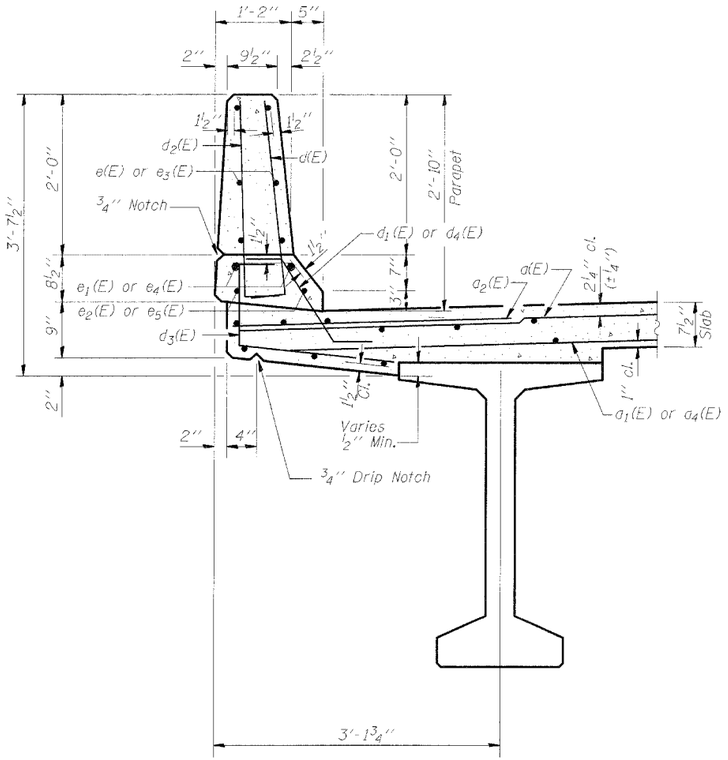
*99-00124-02-PV

SHEET NO. 87
SHEETS 17

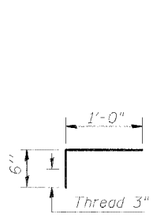


INSIDE ELEVATION OF PARAPET

Note: Bars indicated thus 1x2-#5 etc. indicates 1 line of bars with 2 lengths per line.



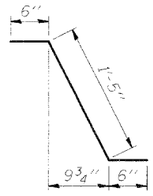
SECTION THRU PARAPET



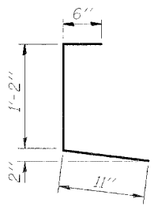
BAR $c_1(E)$



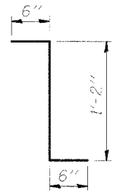
BARS $d(E)$ & $d_2(E)$



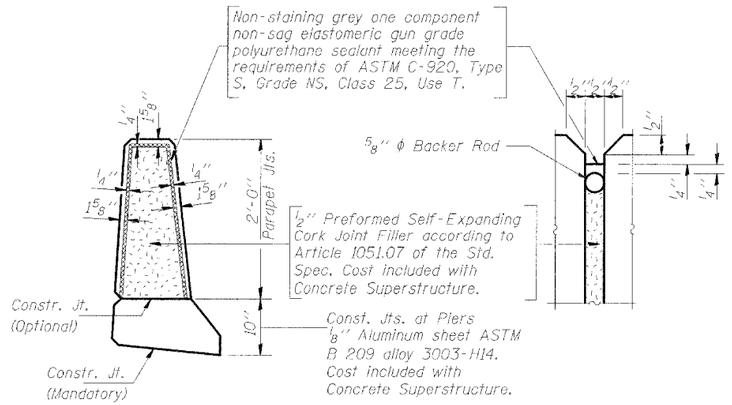
BAR $d_1(E)$



BAR $d_3(E)$



BAR $d_4(E)$



PARAPET JOINT DETAILS

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	624	#5	33'-4"	
$a_1(E)$	265	#5	29'-3"	
$a_2(E)$	312	#6	4'-6"	
$a_3(E)$	8	#5	33'-8"	
$a_4(E)$	265	#5	35'-9"	
b(E)	402	#5	29'-8"	
$b_1(E)$	134	#8	29'-9"	
$b_2(E)$	66	#8	44'-0"	
$b_3(E)$	558	#5	26'-5"	
$b_4(E)$	144	#5	29'-5"	
c(E)	221	#5	16'-8"	
$c_1(E)$	442	#5	1'-6"	
d(E)	482	#5	3'-0"	
$d_1(E)$	470	#5	2'-5"	
$d_2(E)$	482	#4	3'-0"	
$d_3(E)$	482	#4	2'-7"	
$d_4(E)$	12	#5	2'-2"	
e(E)	120	#4	18'-11"	
$e_1(E)$	32	#8	27'-5"	
$e_2(E)$	32	#5	25'-8"	
$e_3(E)$	24	#4	13'-6"	
$e_4(E)$	8	#8	13'-6"	
$e_5(E)$	8	#5	13'-6"	
m(E)	60	#6	9'-4"	
$m_1(E)$	36	#6	4'-1"	
$m_2(E)$	4	#6	1'-9"	
$m_3(E)$	36	#4	5'-9"	
$m_4(E)$	10	#8	6'-2"	
$m_5(E)$	24	#6	23'-8"	
$m_6(E)$	12	#6	23'-2"	
s(E)	84	#5	14'-10"	
$s_1(E)$	138	#5	5'-6"	
$s_2(E)$	36	#5	14'-0"	
v(E)	128	#5	2'-9"	
Concrete Superstructure		Cu. Yds.	578.3	
Reinforcement Bars (Epoxy Coated)		Lbs.	112690	

Reinforcement bars designated (E) shall be epoxy coated.

MIN. BAR LAPS

#4 Bar - 1'-8"
#5 Bar - 2'-2"
#6 Bar - 2'-7"
#8 Bar - 4'-6"

Corporate License Number 184-001-084

SUPERSTRUCTURE DETAILS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

DATE: 05/27/03

LAYOUT	MNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	CWM	05/12/03

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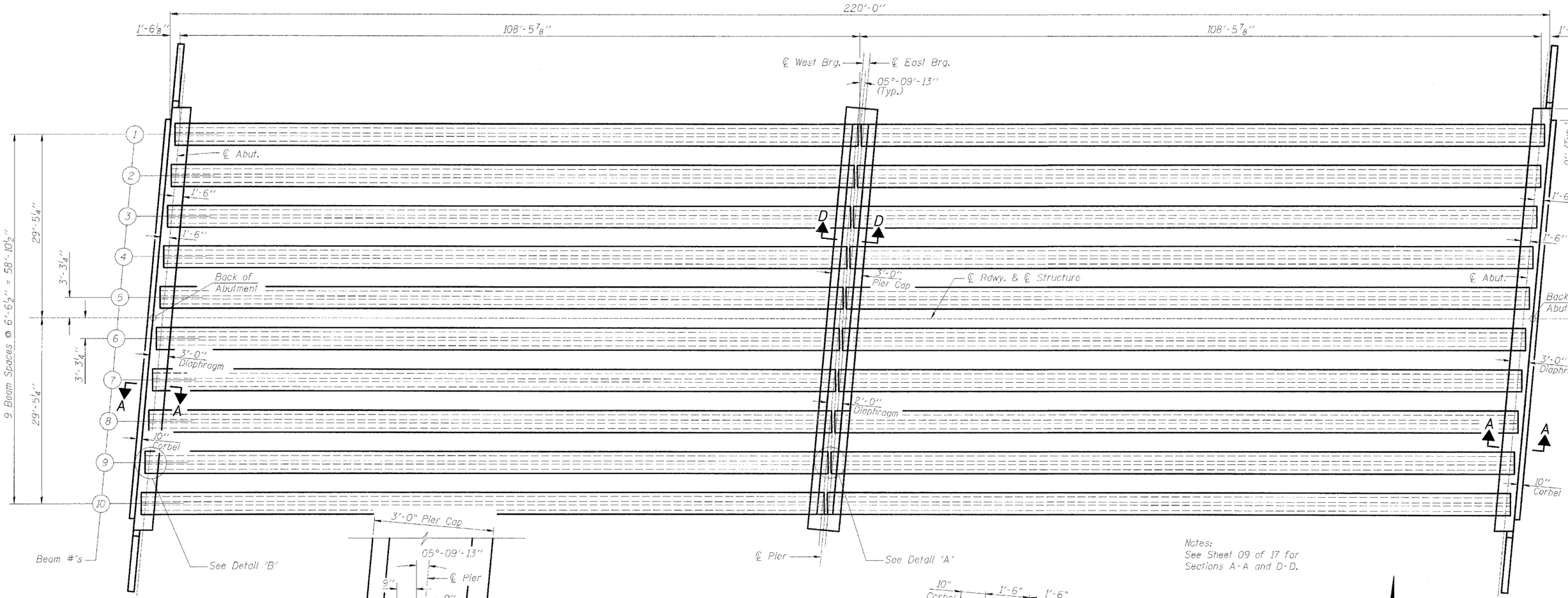
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	126
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

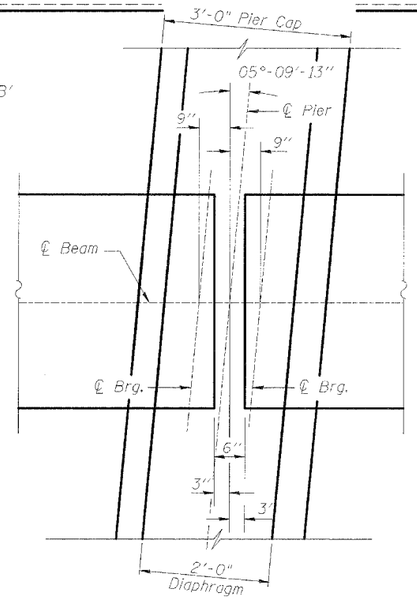
*99-00124-02-PV

SHEET NO. 08
SHEETS 17

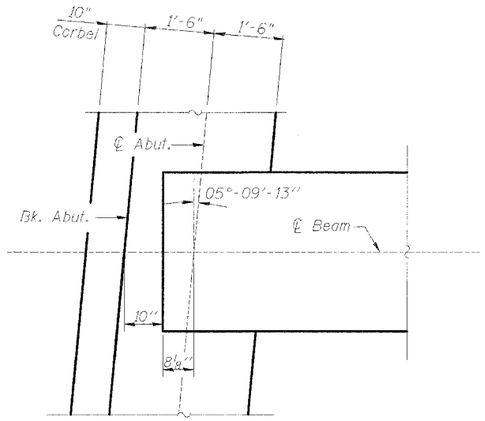


FRAMING PLAN

Notes:
See Sheet 09 of 17 for Sections A-A and D-D.



DETAIL 'A'



DETAIL 'B'

N

Corporate License Number 184-001-084

FRAMING PLAN
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB#: 97S2028B

DATE: 05/27/03

LAYOUT	MWM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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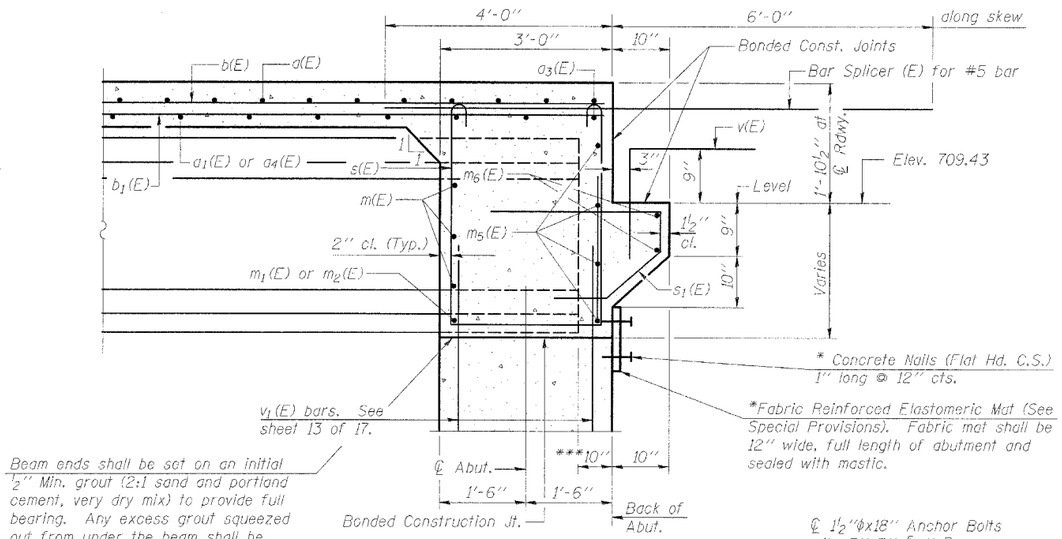
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	127
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT=	

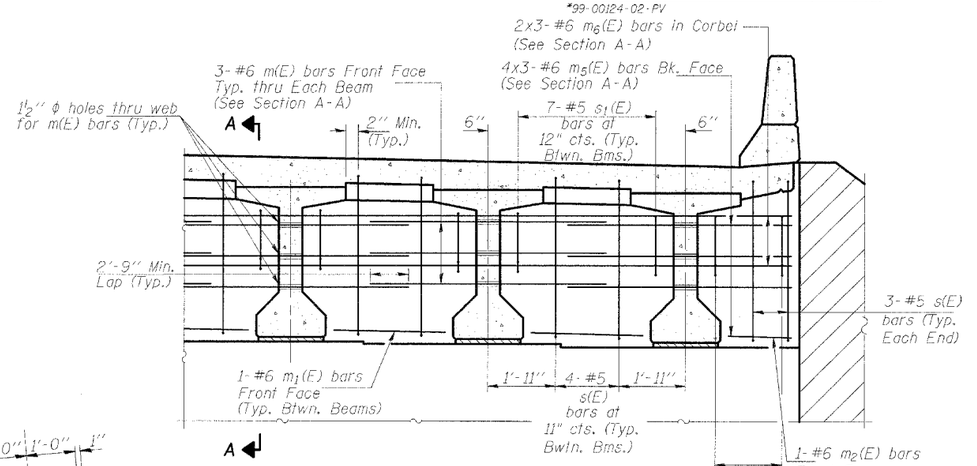
SHEET NO. 09
SHEETS 17

*99-00124-02-PV

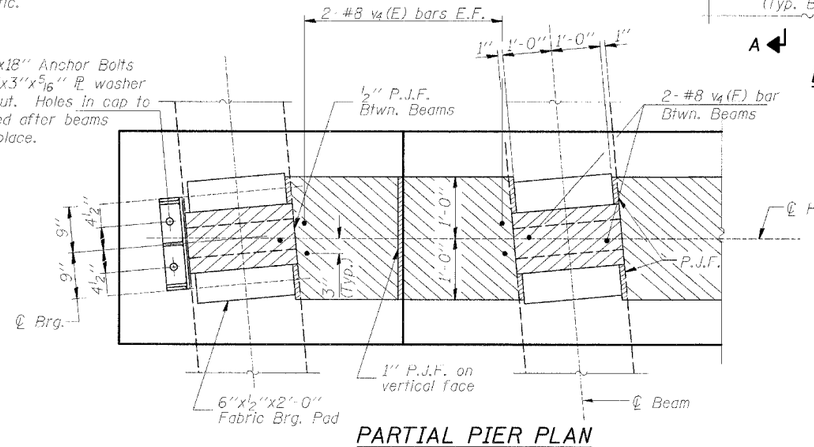


SECTION A-A

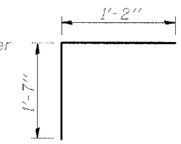
Dimensions at right angles to abutment, except as shown.
*Cost included with Concrete Structures.
***Along ℄ Beam



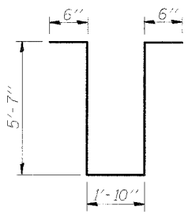
DIAPHRAGM AT ABUTMENTS



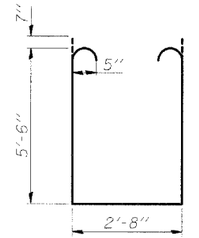
PARTIAL PIER PLAN



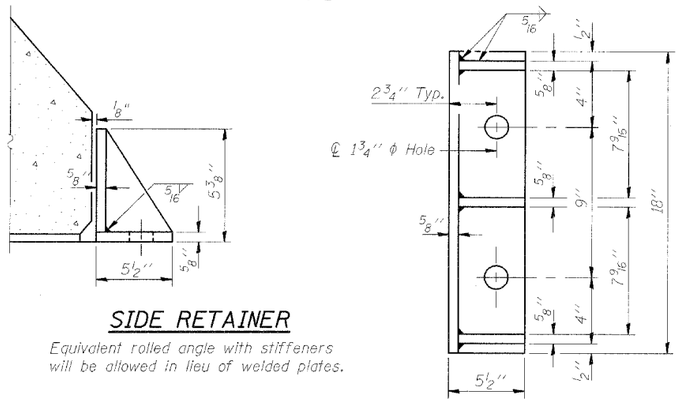
BAR v(E)



BAR s2(E)

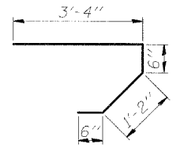


BAR s(E)



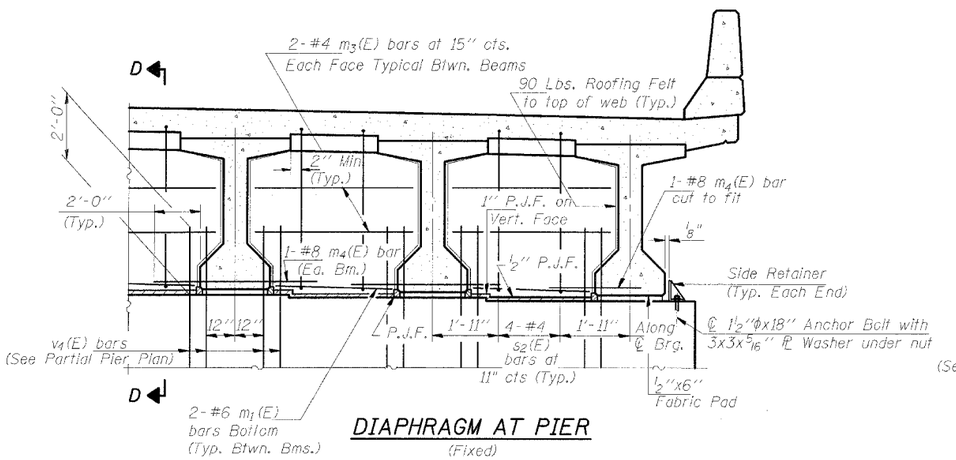
SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



BAR s1(E)

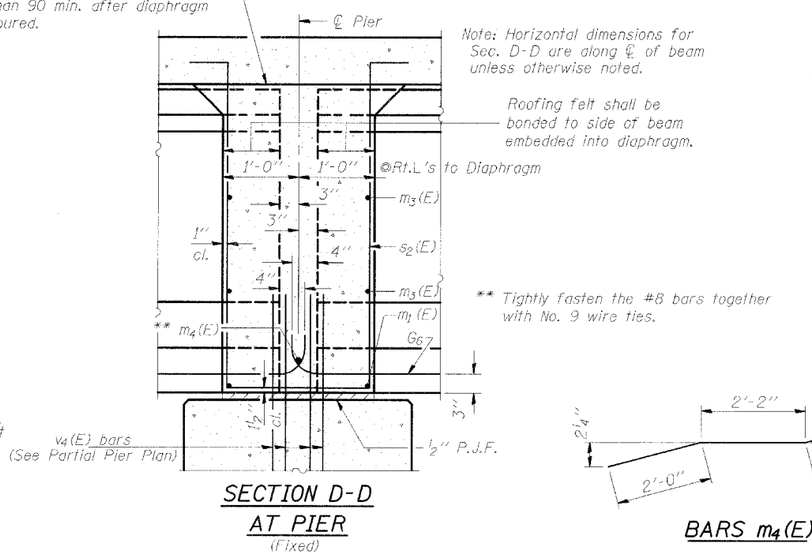
Note:
Reinforcement bars in diaphragm are billed with Superstructure on sheet 07 of 17.
Concrete in diaphragm is included with Concrete Superstructure on sheet 07 of 17.
The s(E), s1(E) and s2(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
Cost of 90 lb. roofing felt is included with Concrete Superstructure.
The side retainer shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385. Cost of side retainer and anchor bolts shall be included with Concrete Structures.
See sheet 15 of 17 for anchor bolt details.



DIAPHRAGM AT PIER

(Fixed)

Pour diaphragm flush with bott. of slab. Concrete in slab above this line shall be placed not less than 45 min. nor more than 90 min. after diaphragm has been poured.



SECTION D-D AT PIER

(Fixed)

BARS m4(E)

Corporate License Number 184-001-084

DIAPHRAGM DETAILS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

DATE: 05/27/03

LAYOUT	MWM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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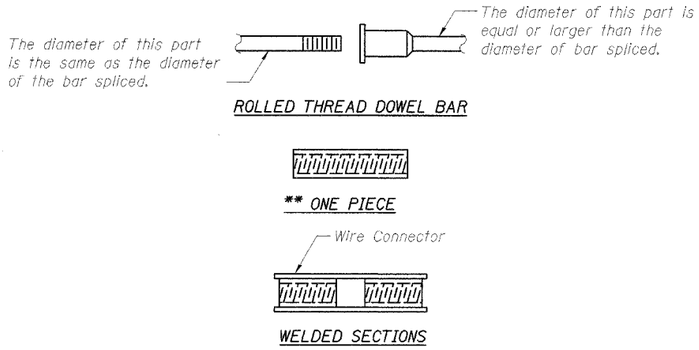
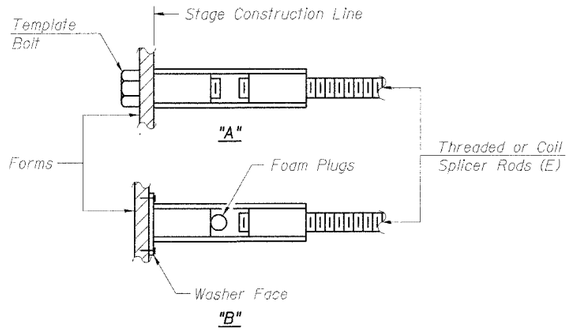
9/7/2005



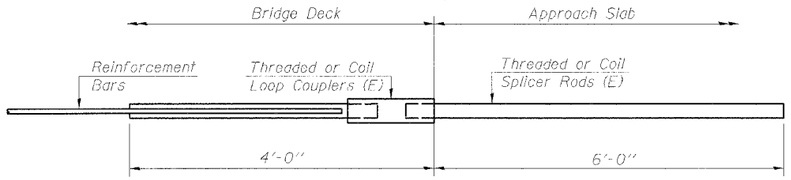
BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



INTEGRAL ABUTMENT BAR SPLICER ASSEMBLY DETAIL FOR #5 BAR

Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required = 122

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.

Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.

All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.

Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

① Minimum Capacity (Tension in kips) $= 1.25 \times fy \times A_t$

② Minimum *Pull-out Strength (Tension in kips) $= 1.25 \times fs_{allow} \times A_t$

Where fy = Yield strength of lapped reinforcement bars in ksi.
fs_{allow} = Allowable tensile stress in lapped reinforcement bars in ksi (Service Load)
A_t = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies will be measured and paid for at the contract unit price each for "BAR SPLICERS."

Corporate License Number 184-001-084

BAR SPLICER ASSEMBLY DETAILS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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JOB# 97S2028B
DATE: 05/27/03

LAYOUT	MNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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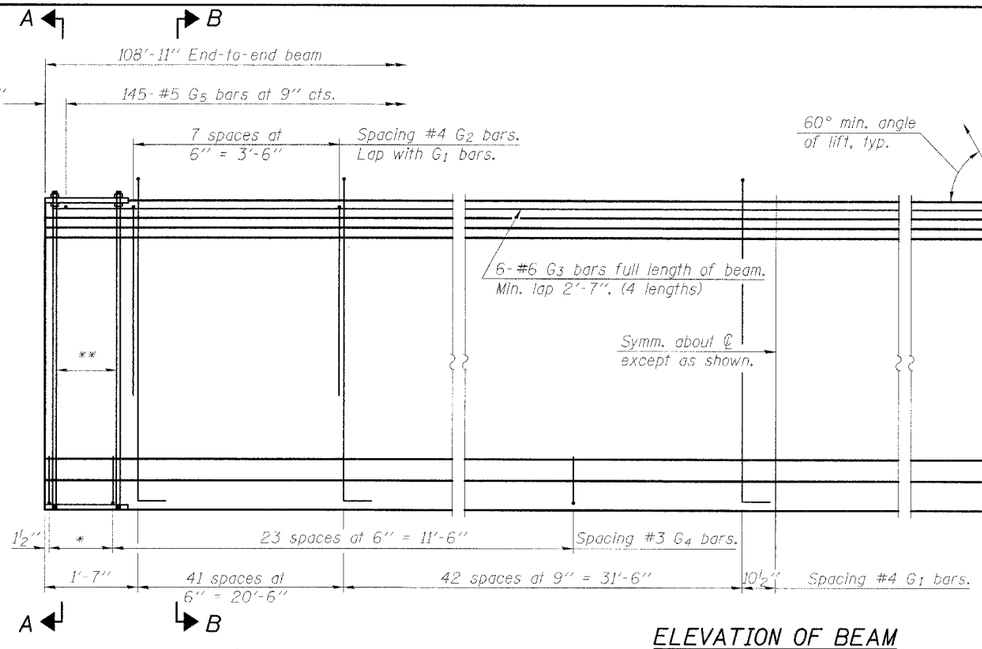
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	129
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 11
SHEETS 17

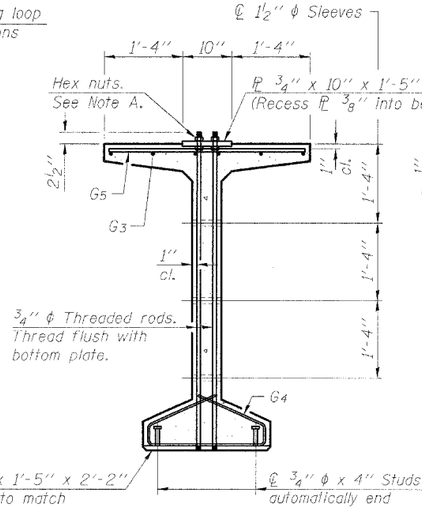


* 4 spaces at 3¼" = 1'-1".
** 5-¾" ϕ threaded dowel rods at 3¼" cts., each face.

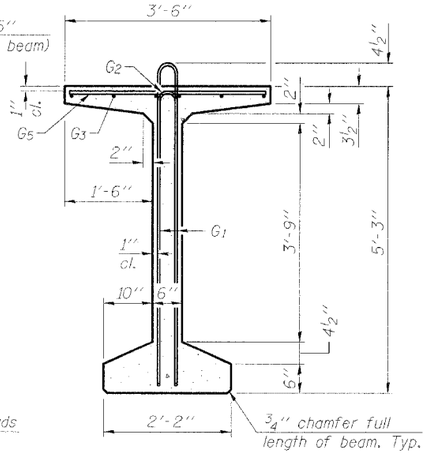
ELEVATION OF BEAM
(Showing reinforcement & dimensions)

3-#8 G6 bars at pier only. (See sheet 12 of 17 for details).

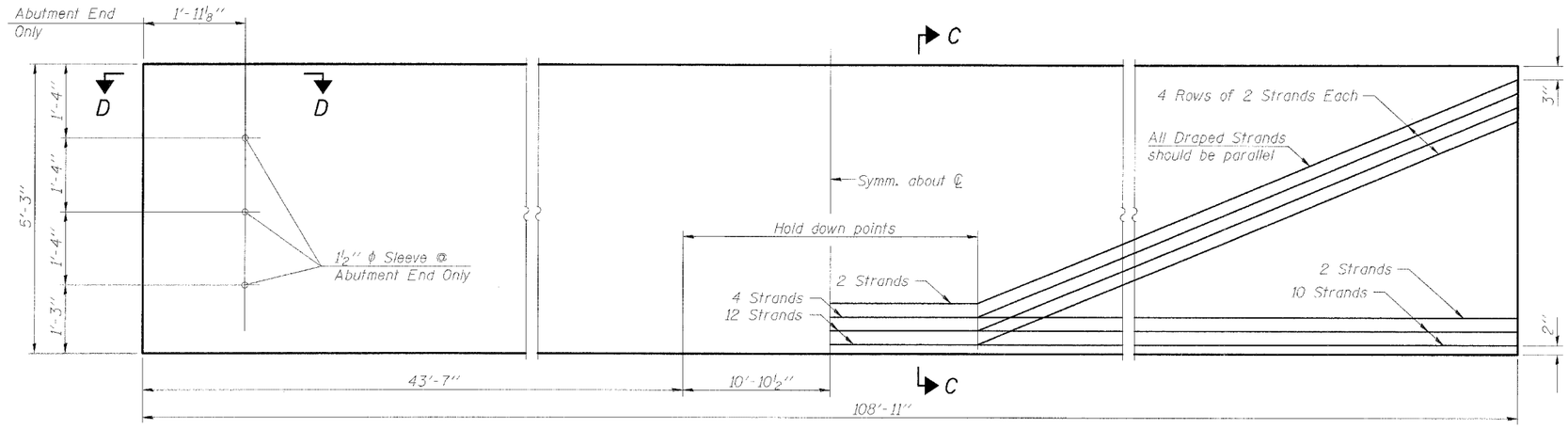
Note A:
Hex nuts (top and bottom) with lock washers (top). Only tighten sufficiently to compress lock washers.



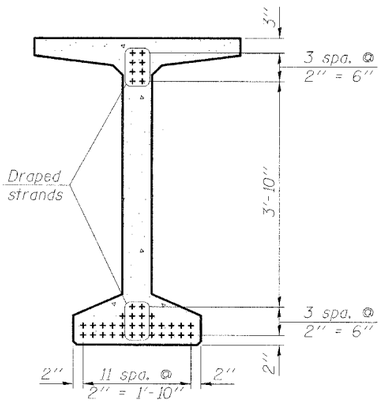
SECTION A-A



SECTION B-B



ELEVATION OF BEAM
(Showing prestressing steel)

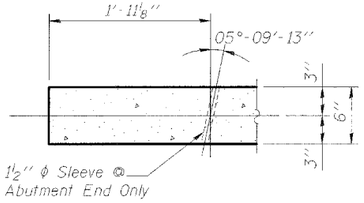


SECTION C-C

BAR LIST
ONE BEAM ONLY

Bar	No.	Size	Length	Shape
G_1	169	#4	11'-11"	
G_2	16	#4	6'-2"	
G_3	24	#6	29'-2"	
G_4	56	#3	4'-11"	
G_5	145	#5	3'-4"	
G_6	3	#8	3'-9"	

Notes:
See sheet 12 of 17 for additional detail and Bill of Material.
Required release strength, f'ci, shall be 5000 psi.



SECTION D-D

Corporate License Number 184-001-084

63" PPC BULB T-BEAM
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028E

DATE: 05/27/03

LAYOUT	MHM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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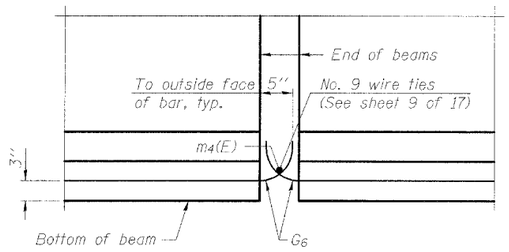
9/7/2005

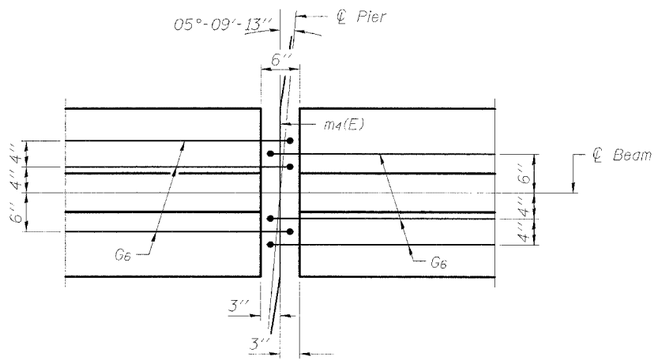
CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	129A
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT -	

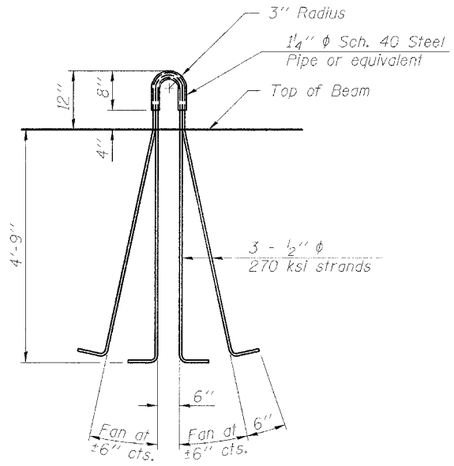
SHEET NO. 12
SHEETS 17



ELEVATION OF BEAM AT PIER



PLAN OF BEAM AT PIER



LIFTING LOOP DETAIL

NOTES

All Sleeves, reinforcing and Prestressing Steel, and other items which are cast into the Precast Concrete Bulb T-Beams shall be included in the contract unit price per foot of "Furnishing and Erecting Precast Prestressed Concrete Bulb T-Beams, 63 in."

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270.

The nominal diameter shall be ½" and the nominal cross-sectional area shall be 0.153 sq. in.

Non-prestressing steel shall conform to AASHTO designation M-31 or M 322, Grade 60.

A minimum 2½" ϕ lifting pin shall be used to engage the lifting loops during handling.

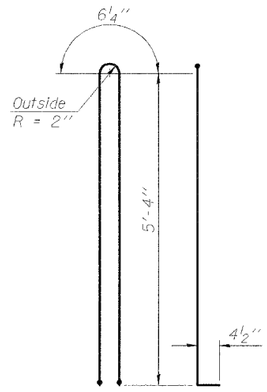
Reinforcement bars designated (E) shall be epoxy coated.

Cut G6 bars when necessary to maintain 1½" clearance.

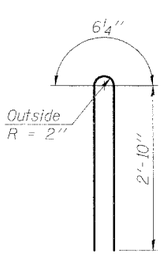
The bottom plates and studs shall be galvanized according to AASHTO M111 and ASTM A385.

Threaded rods shall be ASTM F 1554 Grade 55.

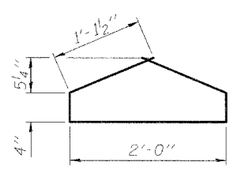
The cut strands at each beam end shall be given two coats of zinc dust spray or paint meeting the requirements of ASTM A 780. The zinc dust spray or paint shall be applied before corrosion appears and allowed to dry according to the manufacturer's specifications prior to another coat of zinc. A concrete sealer meeting the requirements of Section 587 of the Standard Specifications shall be applied to all portions of the I-beam or Bulb-T beam, except the top surface of the top flange and the bottom surface of the bottom flange, starting at each beam end and extending out a distance of 63 inches. The sealer shall be applied after visible crack growth has subsided. This work shall be performed by the producer and included with the cost of the beam.



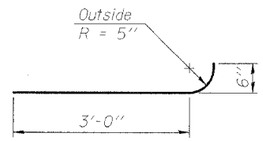
BAR G1



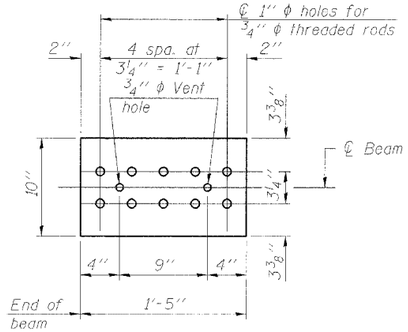
BAR G2



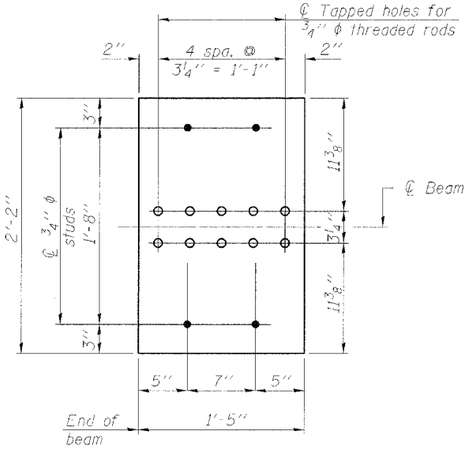
BAR G4



BAR G6



TOP PLATE



BOTTOM PLATE

See bearing details for pintle hole locations when required.

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete Bulb T-Beams, 63"	Ft.	2178.5

Corporate License Number 184-001-084

63" PPC BULB T-BEAM DETAILS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B

DATE: 05/27/03

LAYOUT	MNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

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9/1/2005

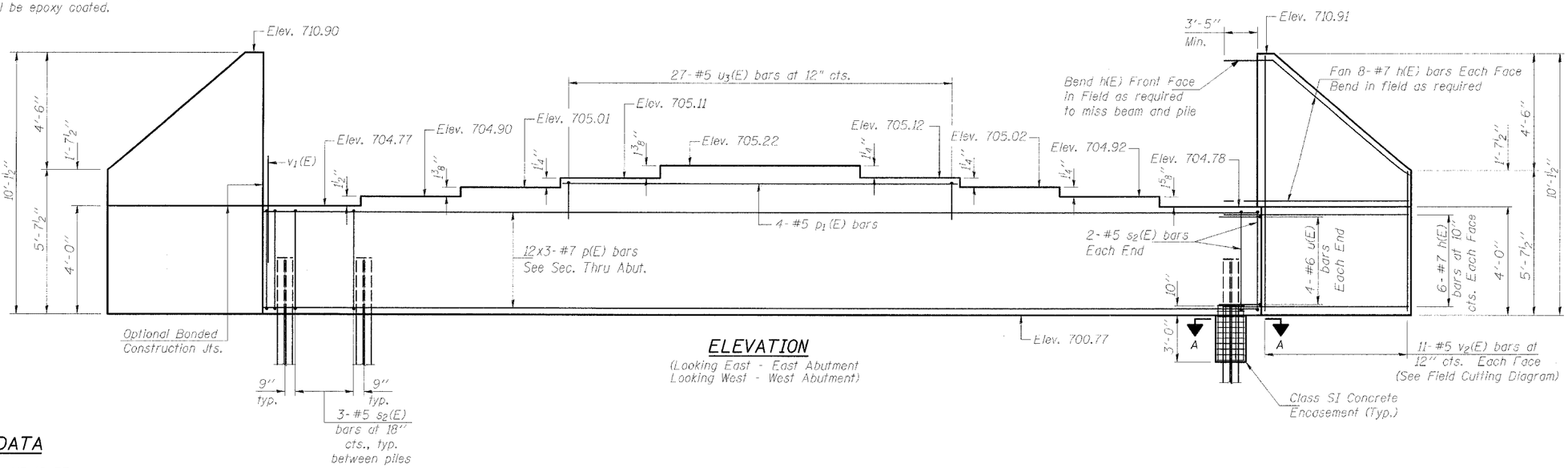
CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	130
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 13
SHEETS 17

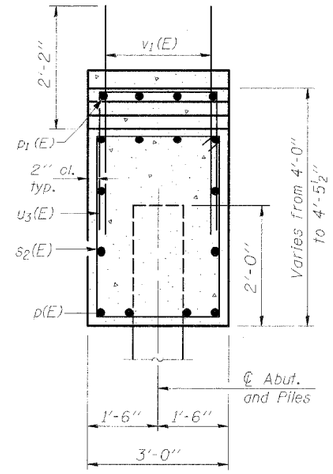
*99-00124-02-PV

Notes: Pour steps monolithically with cap. Reinforcement bars designated (E) shall be epoxy coated.



ELEVATION

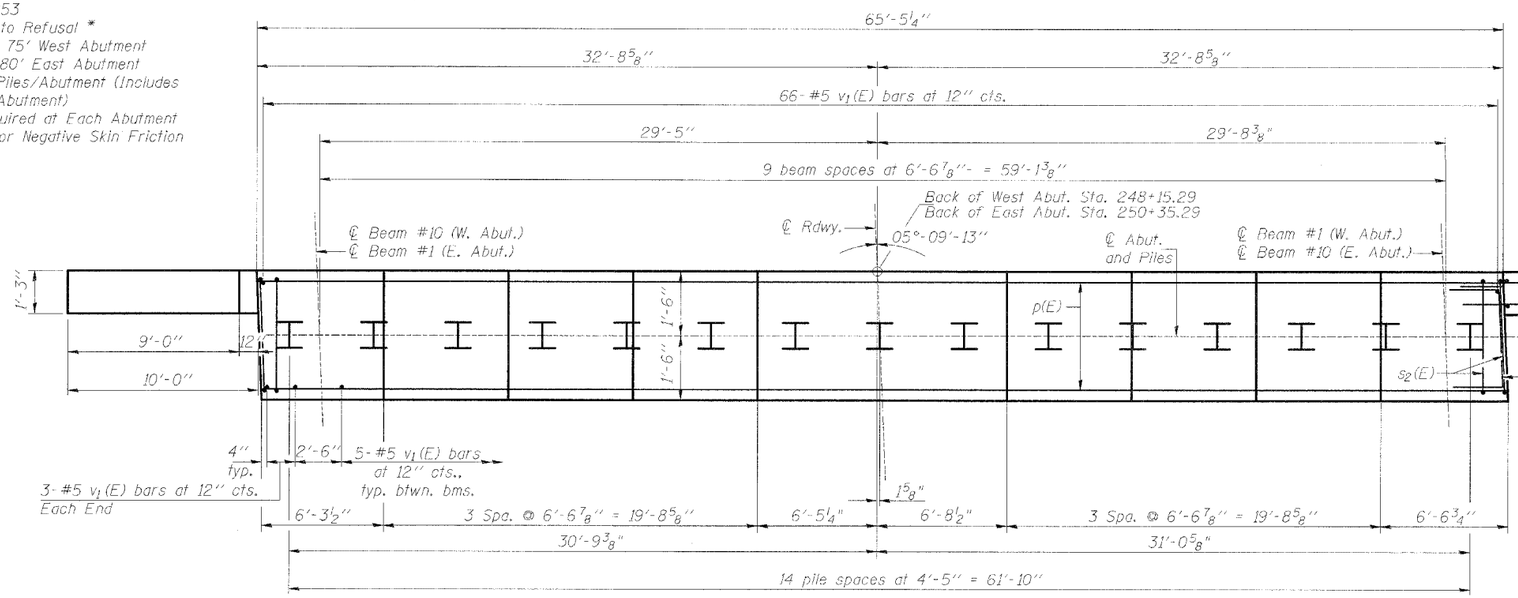
(Looking East - East Abutment
Looking West - West Abutment)



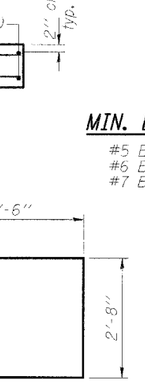
SEC. THRU ABUT.

PILE DATA

Pile Type: HP 12x53
Capacity : Driven to Refusal *
Estimated Length: 75' West Abutment
80' East Abutment
No. Required: 15 Piles/Abutment (Includes 1 Test Pile per Abutment)
Test Piles: 1 required at Each Abutment
* Allow 10 tons for Negative Skin Friction



PLAN



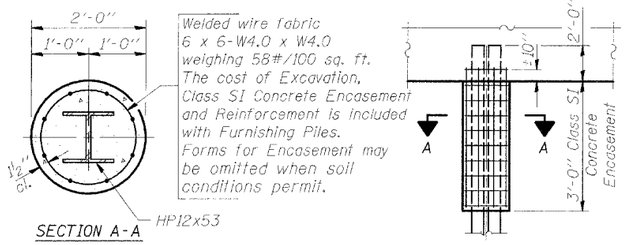
BAR u3(E)

BILL OF MATERIAL - 2 ABUTS.

Bar	No.	Size	Length	Shape
h(E)	112	#7	14'-4"	
p(E)	72	#7	24'-0"	
p1(E)	8	#5	26'-0"	
s2(E)	92	#5	13'-7"	
u(E)	16	#6	7'-8"	
u3(E)	54	#5	7'-8"	
v1(E)	234	#5	4'-4"	
v2(E)	44	#5	15'-0"	
Structure Excavation		Cu. Yd.	486	
Concrete Structures		Cu. Yd.	76.6	
Reinforcement Bars, Epoxy Coated		Pound	10700	
Furnishing Steel Piles HP12x53		Ft.	2170	
Driving Steel Piles		Ft.	2170	
Test Pile Steel HP12x53		Each	2	

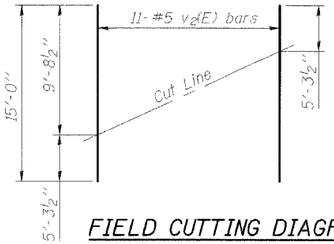
MIN. BAR LAPS

#5 Bar - 2'-2"
#6 Bar - 2'-7"
#7 Bar - 3'-5"



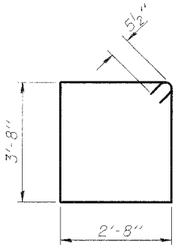
SECTION A-A

PILE ENCASEMENT DETAIL

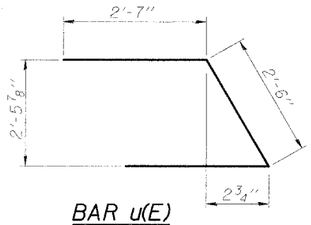


FIELD CUTTING DIAGRAM

Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.



BAR s2(E)



BAR u(E)

Corporate License Number 184-001-084

WEST AND EAST ABUTMENTS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B

DATE: 05/27/03

LAYOUT	MMM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JNM	05/12/03

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9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	131
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

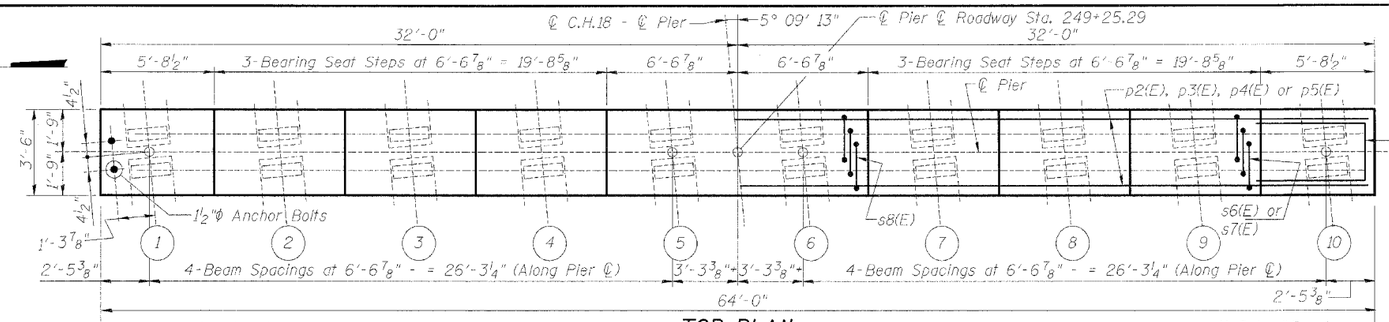
*99-00124-02-PV

SHEET NO. 14
SHEETS 17

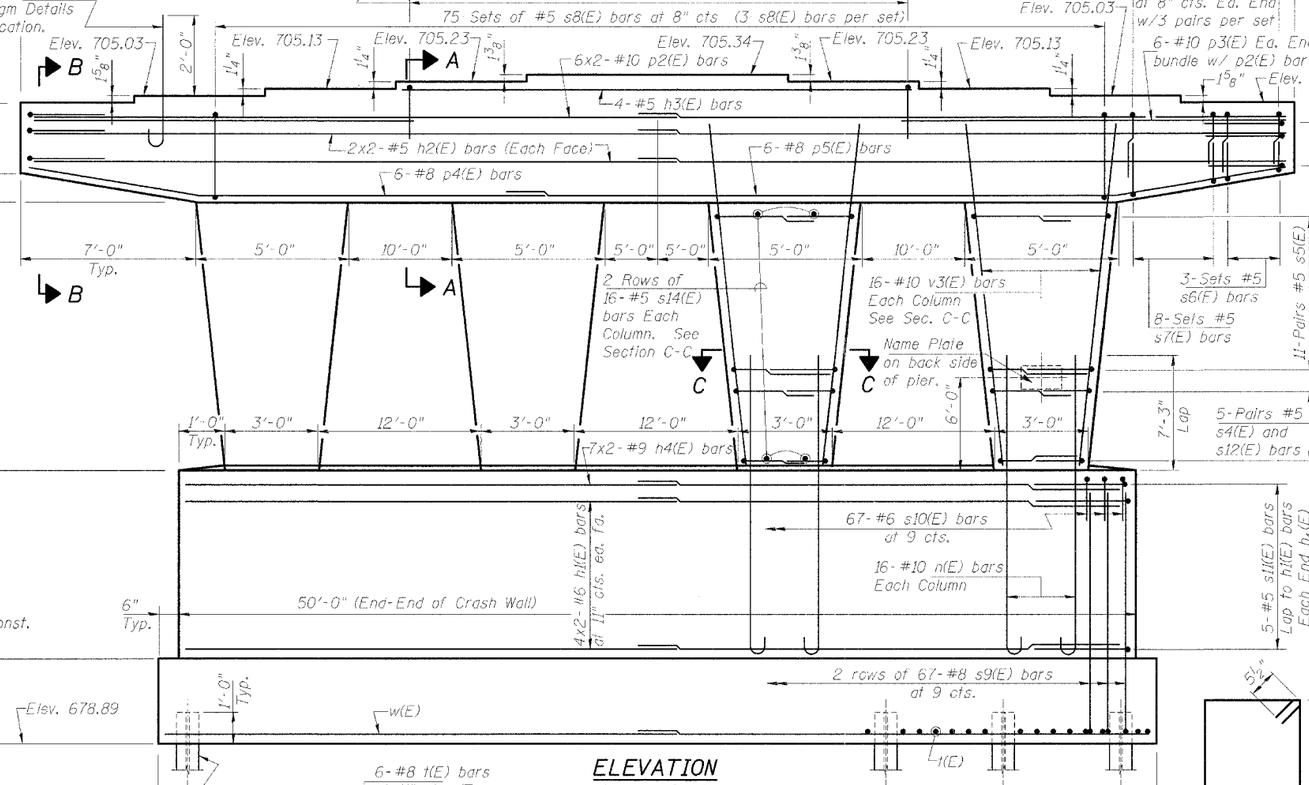
Note:
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
Reinforcement bars indicated thus 6x2-#10 etc. Indicates 6 lines of bars with 2 lengths per line.

MIN. BAR LAPS

#5 - 2'-2"
#6 - 2'-7"
#8 - 4'-6"
#9 - 5'-9"
#10 - 7'-3"

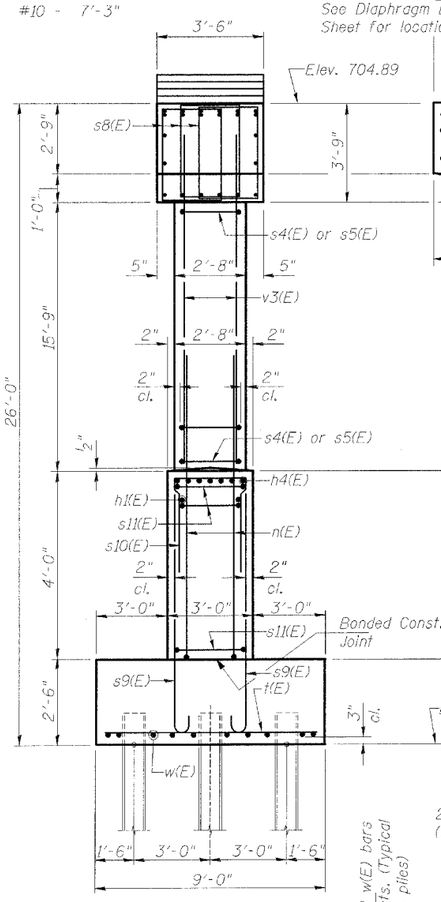


TOP PLAN

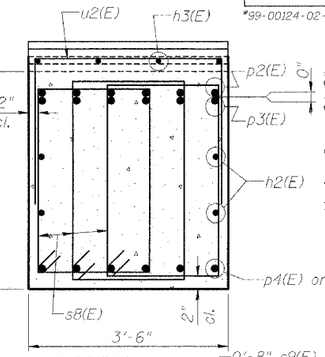


ELEVATION
(Looking East)

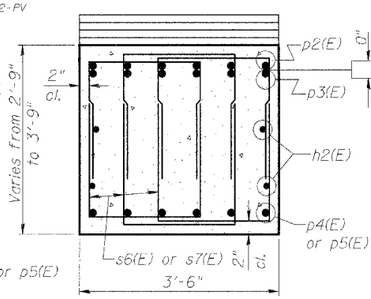
FOOTING PLAN



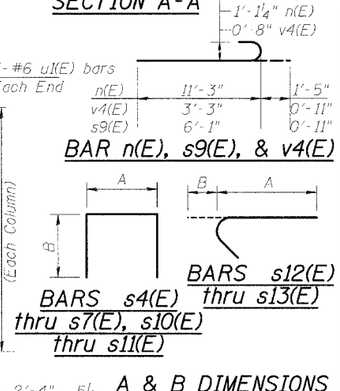
END VIEW



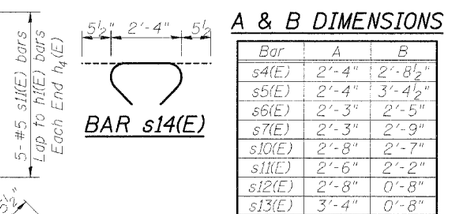
SECTION A-A



SECTION B-B



BAR n(E), s9(E), & v4(E)

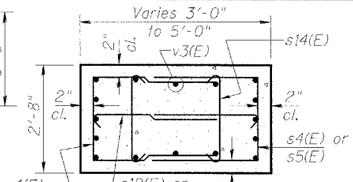


A & B DIMENSIONS

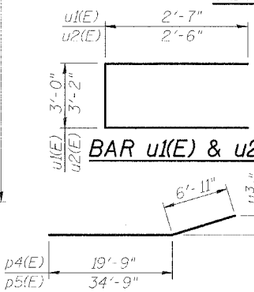
Bar	A	B
s4(E)	2'-4"	2'-8½"
s5(E)	2'-4"	3'-4½"
s6(E)	2'-3"	2'-5"
s7(E)	2'-3"	2'-9"
s10(E)	2'-8"	2'-7"
s11(E)	2'-6"	2'-2"
s12(E)	2'-8"	0'-8"
s13(E)	3'-4"	0'-8"

BAR s14(E)

BAR s8(E)



SECTION C-C



BAR u1(E) & u2(E)

BAR p4(E) & p5(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	16	#6	26'-2"	
h2(E)	8	#5	32'-11"	
h3(E)	4	#5	25'-11"	
h4(E)	14	#9	27'-9"	
n(E)	64	#10	12'-8"	
p2(E)	12	#10	35'-6"	
p3(E)	12	#10	18'-0"	
p4(E)	6	#8	26'-8"	
p5(E)	6	#8	41'-8"	
s4(E)	40	#5	7'-9"	
s5(E)	88	#5	9'-1"	
s6(E)	36	#5	7'-1"	
s7(E)	96	#5	7'-9"	
s8(E)	225	#5	12'-1"	
s9(E)	134	#8	7'-0"	
s10(E)	67	#6	7'-10"	
s11(E)	10	#5	6'-10"	
s12(E)	40	#5	3'-4"	
s13(E)	88	#5	4'-0"	
s14(E)	128	#5	3'-3"	
t(E)	52	#8	8'-6"	
u1(E)	6	#6	8'-2"	
u2(E)	27	#5	8'-2"	
v3(E)	64	#10	19'-2"	
v4(E)	54	#8	4'-2"	
w(E)	20	#8	27'-7"	
Structure Excavation		Cu. Yd.	12.7	
Concrete Structures		Cu. Yd.	12.1.8	
Reinforcement Bars, Epoxy Coated		Pound	27850	
Furnishing Steel Piles HP12x53		Ft.	1404	
Driving Steel Piles		Ft.	1404	
Test Pile St. HP12x53		Each	1	

Reinforcement Bars designated (E) shall be epoxy coated.

Corporate License Number 184-001-084

PILE DATA

Pile Type: HP 12x53
Capacity : Driven to Refusal
Estimated Length: 54'
No. Required: 27 (Includes 1 Test Pile)
Test Piles: 1

PIER
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B
DATE: 05/27/03

LAYOUT	WNM	03/24/03
DRAWN	ROD	03/25/03
REVIEWED	JWM	05/12/03

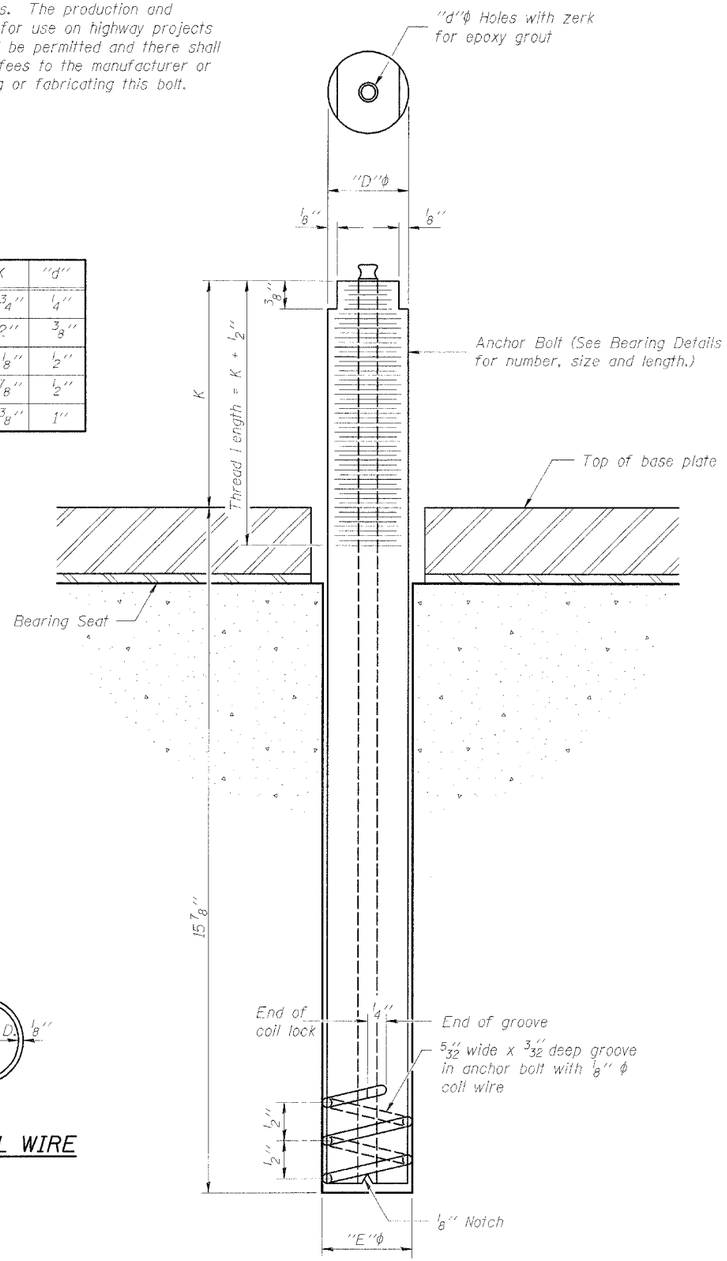
I:\97JOBS\97s2028b\Struct\I-57 Bridge\br-tdpedgn
9/7/2005

The Illinois Coil-Lock Anchor Bolt is a proprietary item which is the property of the Illinois Department of Transportation. Use, reproduction or disclosure without express written permission is prohibited and protected under Federal copyright laws. The production and the fabrication of this bolt for use on highway projects in the State of Illinois shall be permitted and there shall be no incurred charges or fees to the manufacturer or the fabricator for producing or fabricating this bolt.

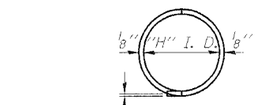
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	132
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

*99-00124-02-PV

D	E	H	K	"d"
1"	1 1/8"	13/16"	1 3/4"	1/4"
1 1/4"	1 3/8"	1 1/16"	2"	3/8"
1 1/2"	1 5/8"	1 5/16"	2 1/8"	1/2"
2"	2 1/8"	1 13/16"	2 7/8"	1/2"
2 1/2"	2 5/8"	2 5/16"	3 3/8"	1"



ILLINOIS COIL-LOCK ANCHOR BOLT



PLAN-COIL WIRE

MATERIALS FOR ILLINOIS COIL-LOCK ANCHOR BOLT

The anchor bolt shall be fabricated from cold drawn or hot finished seamless carbon steel mechanical tubing conforming to ASTM A 519, Grade 1026, CW and supplied with hexagonal nuts and cut washers.

The coil wire shall be made of any suitable soft steel wire.

The finished anchor bolt shall be cleaned of rust and other foreign materials and wrapped or packaged to prevent contamination until they are installed.

The epoxy grout shall be a two-component, epoxy resin bonding system conforming to ASTM C 881, Type I, Grade 1 and of a Class suitable for the temperature at installation.

INSTALLATION PROCEDURE for the ILLINOIS COIL-LOCK ANCHOR BOLT

1. With the coil wire in place, the bolt shall be inserted into the hole and turned clockwise to a snug fit in the hole. Nut and washer shall be placed on the bolt. The nut shall be tensioned until the steel base plates are held securely to the concrete bearing seat.
2. Epoxy grout shall be pumped through the zerk fitting with a pressure gun. Pumping shall continue until the epoxy overflows the hole around the bolt shank. After pumping is discontinued, excess epoxy shall be immediately wiped off.

ALTERNATE ANCHOR BOLTS

The Contractor may use, at his option, the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.

The capsule or the adhesive cartridge type anchor rods shall be a two part system composed of:

1. A threaded rod stud with nut and washer of the type specified.
2. A sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.

Location	Type
Piers	A307

GENERAL NOTES

Holes in the masonry for anchor bolts shall be drilled through the base plates to the diameter and depth shown or according to the manufacturer's recommendation after beams or girders have been erected and adjusted.

Prior to setting the bolts, the holes shall be dry and all dust and loose particles shall be removed by the use of compressed air or vacuuming.

The anchor bolts, furnished and installed and including the epoxy grout or capsules shall not be paid for separately but shall be included in the unit bid price for Concrete Structures.

LAYOUT	MWM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

I:\97J085\97s2028b\Struct\s-57 Bridge\br1dge1.dgn
9/7/2005

Corporate License Number 184-001-084

ANCHOR BOLT DETAILS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B

DATE: 05/27/03

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	133
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 16
SHEETS 17

*99-00124-02-PV

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 2

Date 9/25/02

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION SW, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 3 West Abut.
Station 248+25
Offset 0.0 ft Lt.
Ground Surface Elev. 686.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 678.2 ft
Upon Completion Wash Bore ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
686.2 Brown Mottled Sandy Clay Loam to Loam			
-5	2		
	3	1.3	11
681.2	3	S	
Brown Dirty Medium Sand & Gravel	2		
	4		15
	8		
	3		
676.2 -10	6		
	8		
Brown Oxidized Moderately Sorted Fine Sand	3		
	5		
	6		
	2		
671.2 -15	3		
	5		
Gray Clay Loam Till	2		
	3	3.0	12
	4	B	
	2		
-20	3	3.1	13
	5	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Clay Loam Till *(continued)*			
	2		
	3	3.5	11
	5	S	
Gray Coarse Sand Seam			
	2		
-25	3	3.2	
	4	E	
	2		
	4	2.5	13
	7	B	
	3		
	9	6.2	11
-30 654.2	11	B	
Gray Sand Clay Loam Till			
	2		
-35	3	1.5	13
	4	B	
649.2 Gray Moderately Sorted Medium Sand			
647.2 Gray Moderately Sorted Course Sand	1		
	5		
-40	6		

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 2 of 2

Date 9/25/02

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION SW, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 3 West Abut.
Station 248+25
Offset 0.0 ft Lt.
Ground Surface Elev. 686.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 678.2 ft
Upon Completion Wash Bore ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Moderately Sorted Course Sand *(continued)*			
	6		
	10		
-45	22		
639.2 Brown Fine Peat (Farmdale Soil)			
	8		
	10		60
-50	13		
634.2 Green Gray Sandy Clay Loam Till			
	4		
	3	2.7	15
-55	5	B	
628.2 Gray Weathered Shale (Mattoon Formation)	4		
	11		20
End of Boring 626.2 -60	18		

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 2

Date 9/25/02

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION SE, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 2 Center Pier
Station 249+25
Offset 0.0 ft Lt.
Ground Surface Elev. 683.30 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 644.3 ft
Upon Completion Wash Bore ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty Clay			
	1		
	2		17
678.3 -5	2		
Brown Mottled Sandy Clay Loam			
	1		
	2	0.9	19
	2	B	
	2		
	2	1.6	15
673.3 -10	4	B	
Brown Sandy Clay Loam Till	3		
	11	3.2	13
	12	B	
670.3 Gray Sandy Clay Loam Till			
	1		
	3	1.4	13
-15	4	B	
	1		
	2	1.2	
	2	B	
	1		
	2	0.9	15
-20	2	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till *(continued)*			
	2		
	4	1.7	
-25	5	B	
	7		
	6	5.0	9
-30	7	S	
Gray Coarse Sand 649.3			
	2		
	3	1.9	13
-35	5	B	
	7		
	11		
-40	13		

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Boring continued on next sheet.

Corporate License Number 184-001-084

BORINGS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB* 97S2028B

DATE* 05/27/03

LAYOUT	MWM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

I:\97JOBS\97s2028b\Struc\I-57 Bridge\Xr\geo\dgn
9/7/2005

CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18	*	COLES	229	134
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 17
SHEETS 17

*99-00124-02-PV

Boring continued from previous sheet.

Illinois Department of Transportation — Division of Highways, IDOT - Dist 5

SOIL BORING LOG

Page 2 of 2

Date 9/25/02

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION SE, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 2 Center Pier
Station 249+25
Offset 0.0 ft Lt.
Ground Surface Elev. 683.30 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 644.3 ft ▼
Upon Completion Wash Bore ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Coarse Sand *(continued)*			
641.3			
Brown Organic Silty Clay Loam (Farmdale Soil)			
	8		
-45	4 7	1.0 S	52
636.3			
Gray Silty Clay Loam			
	1		
-50	2 4	1.4 B	21
628.3			
Gray Silty Clay	4		
-55	7 14	2.7 B	18
626.3			
Gray Shale (Mattoon Formation)			
	30		
-60	50 - 4"		14

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Shale (Mattoon Formation) *(continued)*			
	34		
618.3 -55	50 - 4"		
End of Boring			
-70			
-75			
-80			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation — Division of Highways, IDOT - Dist 5

SOIL BORING LOG

Page 1 of 2

Date 9/25/02

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION SE, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 1 East Abut.
Station 250+25
Offset 0.0 ft Lt.
Ground Surface Elev. 683.20 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 673.2 ft ▼
Upon Completion Wash Bore ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Gray Mottled Silty Clay Loam			
	1		
-5	2 1		
677.2			
Brown Sandy Clay Loam	1		
	1	0.8	18
	1	B	
673.2 ▼ -10	2 4 5	1.0 E	
Brown Clay Loam Till			
	3		
	5	2.5	12
	7	B	
670.2			
Gray Clay Loam Till	2		
-15	3 5	2.3 B	12
	2		
-20	6 5	1.8 B	11

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Clay Loam Till *(continued)*			
	2		
-25	8 10	5.4 B	12
	2		
-30	7 10	3.3 B	11
649.2			
Gray Poorly Sorted Gray Sand	2		
-35	9 10		
	12		
-40	18 23		

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation — Division of Highways, IDOT - Dist 5

SOIL BORING LOG

Page 2 of 2

Date 9/25/02

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION SE, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 1 East Abut.
Station 250+25
Offset 0.0 ft Lt.
Ground Surface Elev. 683.20 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 673.2 ft ▼
Upon Completion Wash Bore ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Poorly Sorted Gray Sand *(continued)*			
	2		
	7		
638.2 -45	8		
Brown Organic Silty Clay (Farmdale Soil)			
636.2			
Gray Clay Loam Till			
	2		
-50	4 6	2.3 B	23
	5		
	9	2.4	22
628.2 -55	11	B	
End of Boring			
-60			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

I:\97JOBS\97s2028b\Struct\I-57 BridgeUnderstudy 9/11/2005

LAYOUT	WNM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03

Corporate License Number 184-001-084

BORINGS
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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HANSON

JOB# 97S2028B

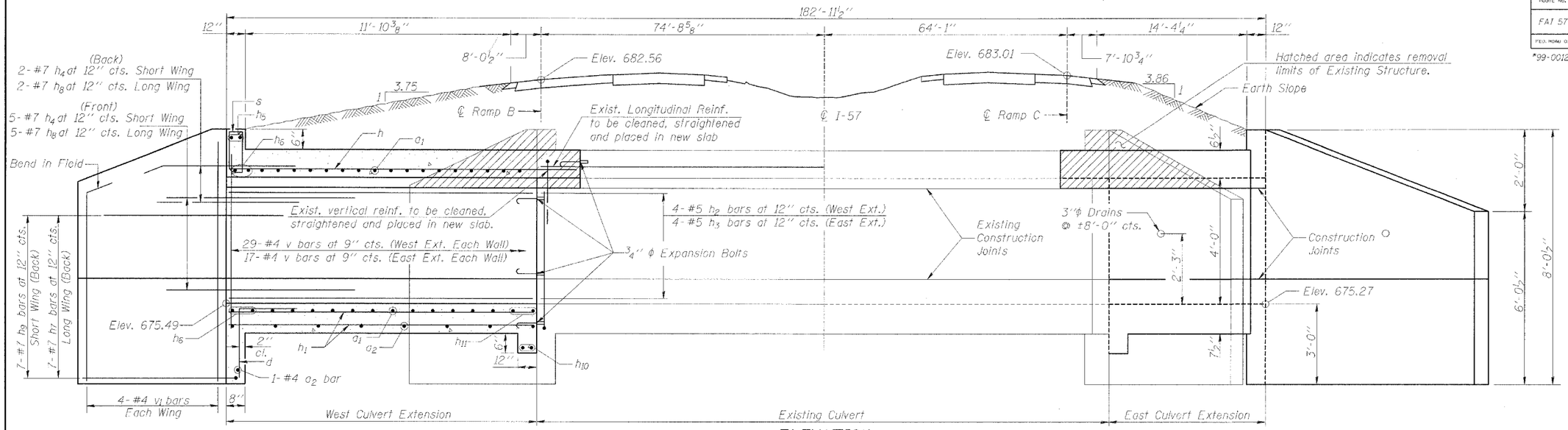
DATE: 05/27/03

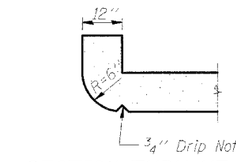
CONTRACT # 91353

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	*	COLES	229	135
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 01
02 SHEETS

*99-00124-02-PV





SECTION THRU HEADWALL

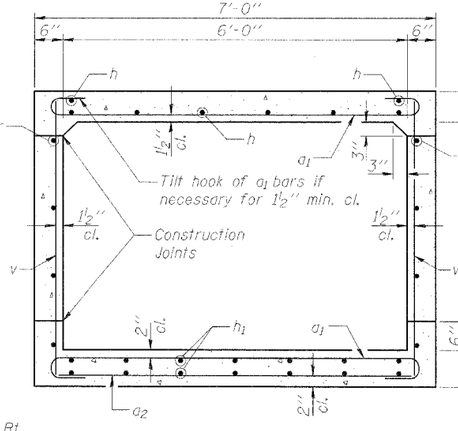
(Up Stream End Only)

HALF LONG. SECTION

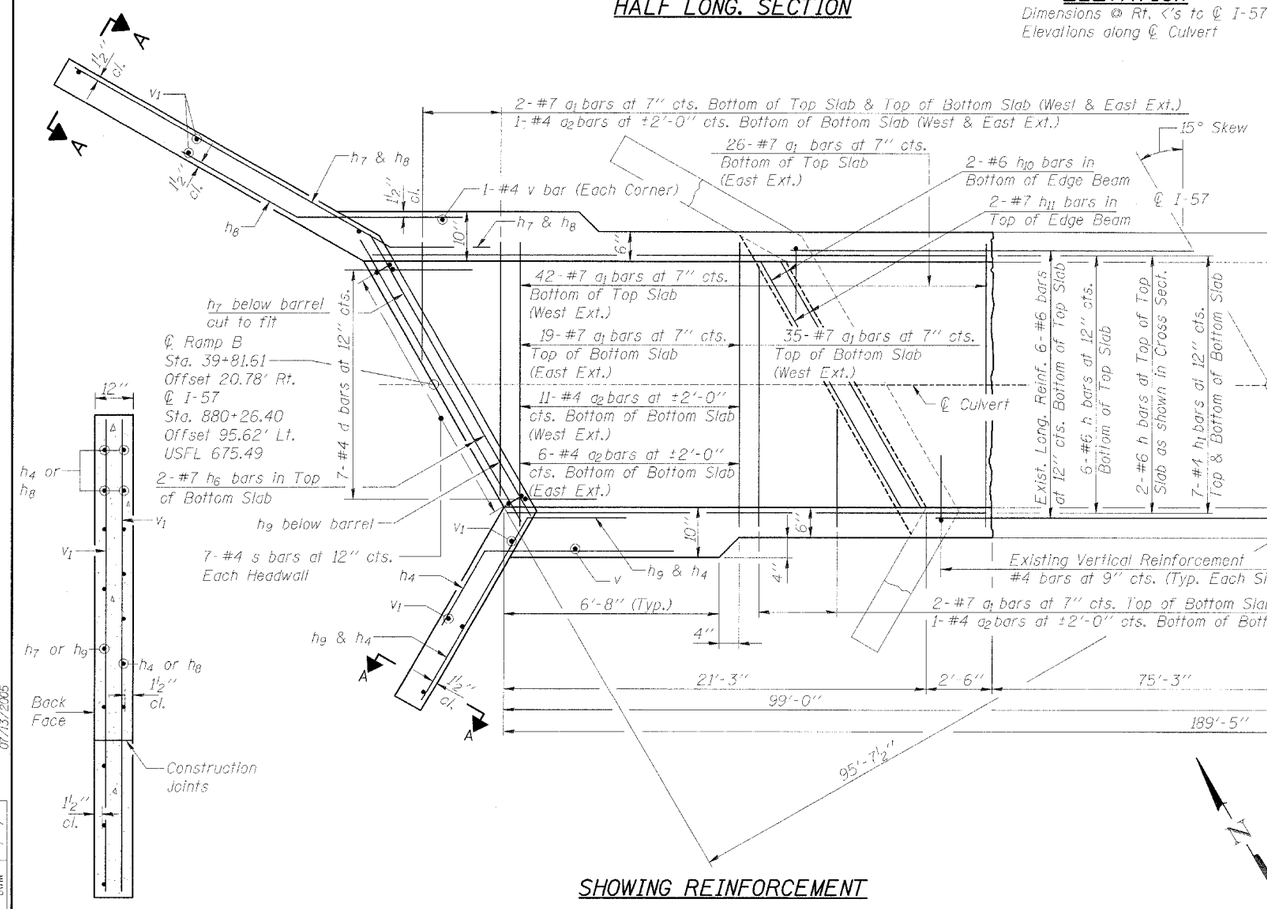
ELEVATION

Dimensions @ Rt. ∠'s to ℄ I-57
Elevations along ℄ Culvert

HALF ELEVATION



SECTION THRU BARREL



SECTION A-A

SHOWING REINFORCEMENT

PLAN

SHOWING OUTLINES

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (reinf.)

LOADING HS20-44

Corporate License Number 184-001-084

BOX CULVERT EXTENSION
F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 880+00.78

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HANSON

JOB# 97S2028E

DATE: 09/19/03

LAYOUT	MWM	09/09/03
DRAWN	DAP	09/19/03
REVIEWED	JMM	/ /

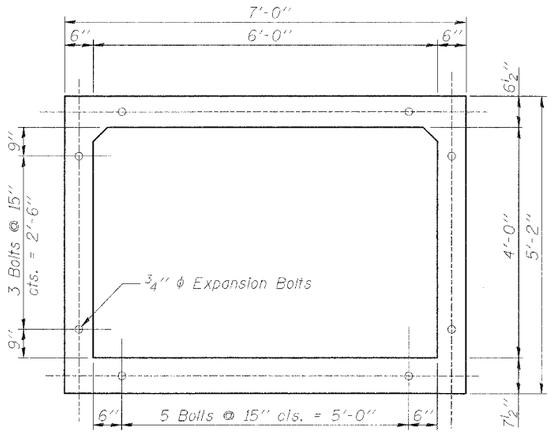
I:\97JOBS\97s2028b\Struct\6x4 Culvert Ext\Culv_Ext.dgn
07/31/2005

CONTRACT # 91353

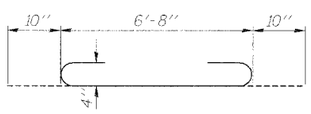
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	*	COLES	229	136
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 02
02 SHEETS

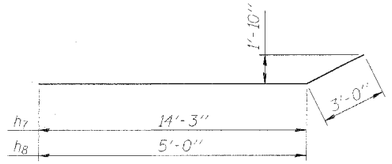
*99-00124-02-PV



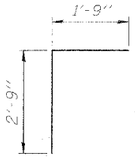
SECTION THRU BARREL
SHOWING EXPANSION BOLTS



BAR a_1



BAR h_7 & h_8



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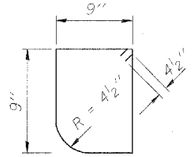

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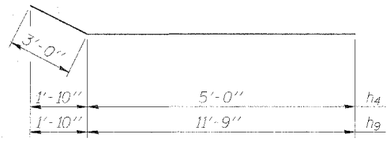

BAR h_4 & h_9

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_1	128	#7	8'-4"	
a_2	21	#4	6'-9"	
d	14	#4	4'-6"	
h	8	#6	39'-2"	
h_1	14	#4	32'-7"	
h_2	8	#5	20'-9"	
h_3	8	#5	11'-6"	
h_4	14	#7	8'-0"	
h_5	4	#6	7'-0"	
h_6	8	#7	7'-0"	
h_7	14	#7	17'-3"	
h_8	14	#7	8'-0"	
h_9	14	#7	14'-9"	
h_{10}	4	#6	6'-6"	
h_{11}	4	#7	6'-6"	
s	14	#4	3'-7"	
v	96	#4	4'-11"	
v_1	16	#4	7'-9"	
Reinforcement Bars		Pound	5420	
Concrete Box Culverts		Cu. Yd.	31.8	
Partial Removal of Existing Structure		Each	2	

GENERAL NOTES

1. A distance of half the wingwall but not less than 6 feet of the barrel shall be poured monolithically with the wingwalls.
2. Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
3. All construction joints shall be bonded.
4. Expansion bolts shall be ¾" ϕ hooked bolts. Hooked bolts shall extend a min. of 9" into new concrete. Cost of ¾" ϕ expansion bolts shall be incuided with Concrete Box Culverts.
5. a_1 and a_2 bars in skew portion of slab shall be ordered full length cut to fit. Balance of bar to be used in opposite end of culvert.
6. h and h_1 bars in slab shall be ordered full length cut to fit. Balance of bar to be used in opposite end of culvert.

Corporate License Number 184-001-084

BOX CULVERT EXTENSION DETAILS
F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 880+00.78

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HANSON

JOB# 97S2028E

DATE 09/19/03

LAYOUT	MNM	09/05/03
DRAWN	DAP	09/19/03
REVIEWED	JWM	/ /

I:\97JOBS\97a2028b\Struc\Ext Culvert Ext\Culv_Ext.dgn
09/19/2005

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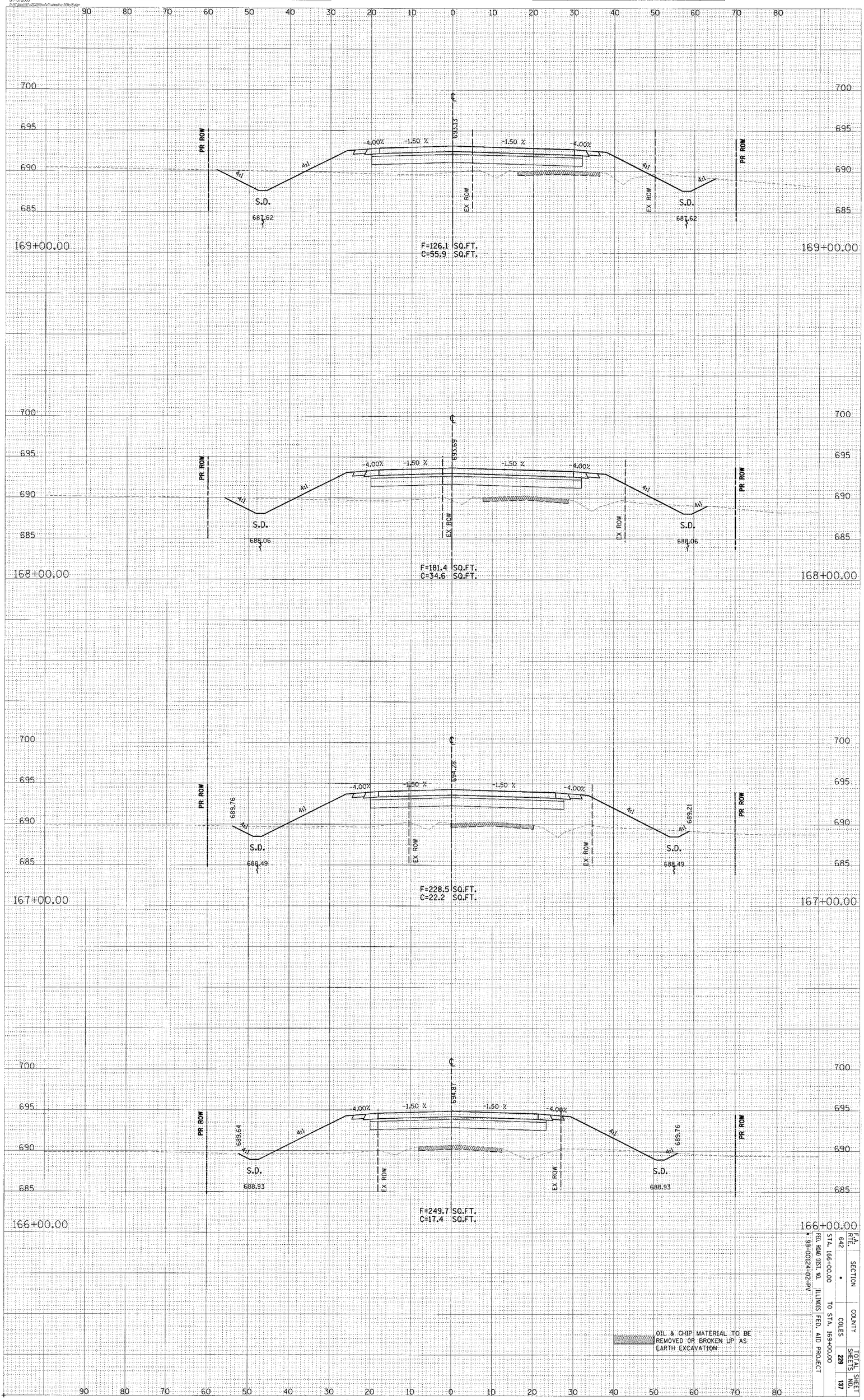
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

HANSON
Hanson Professional Services Inc.

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

07/13/2005



OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	137

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. 166+00.00 TO STA. 169+00.00
X-99-0024-02-PV

CONTRACT # 91353

CO. HWY. 18

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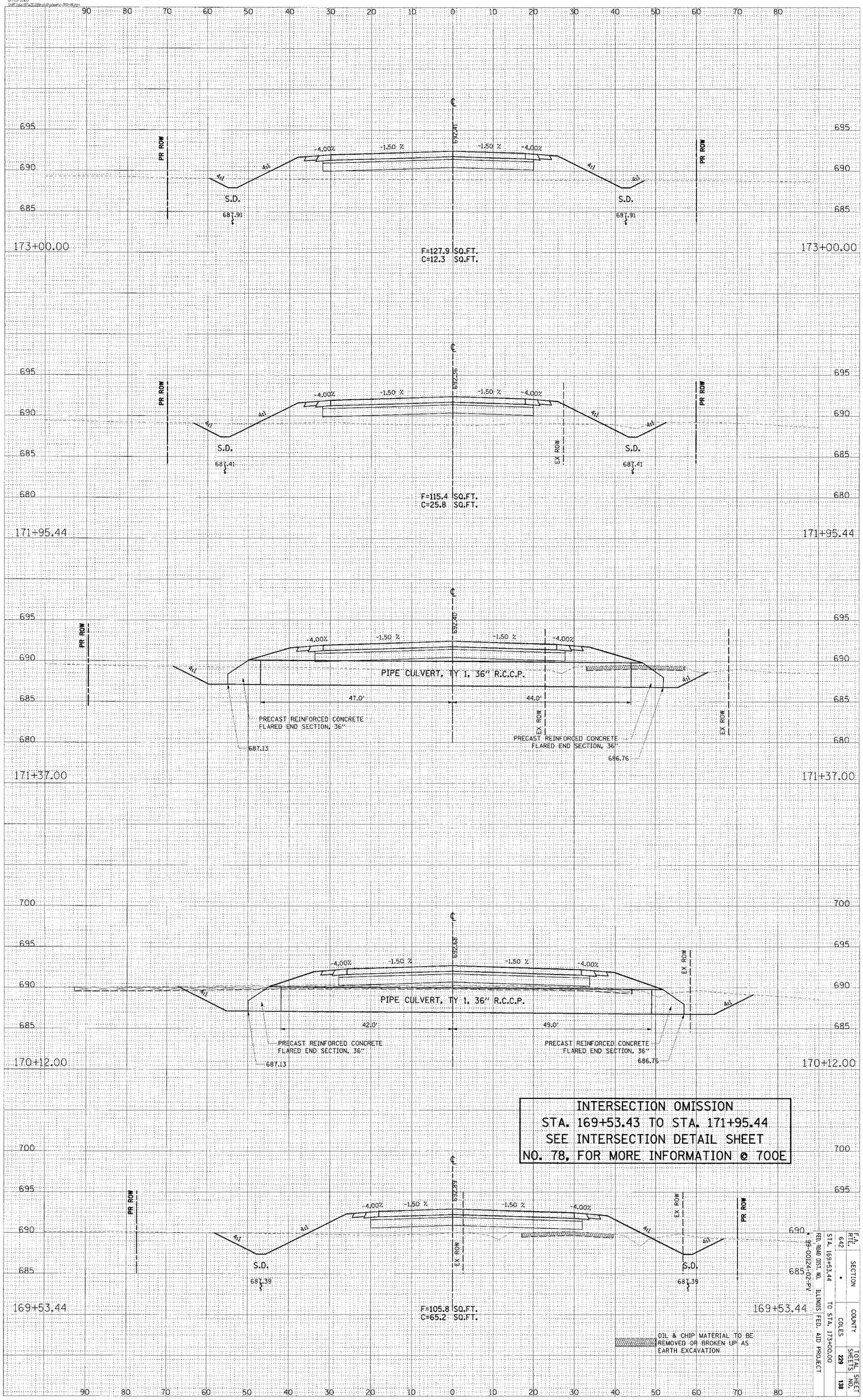
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

HANSON
Hanson Professional Services Inc.

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

07-13-2005



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	138

FED. ROAD DIST. NO. • 95-00124-02-PV ILLINOIS FED. AID PROJECT

STA. 169+53.44 TO STA. 173+00.00

CO. HWY. 18

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	139
STA. 174+00.00		TO STA. 178+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				

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

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

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

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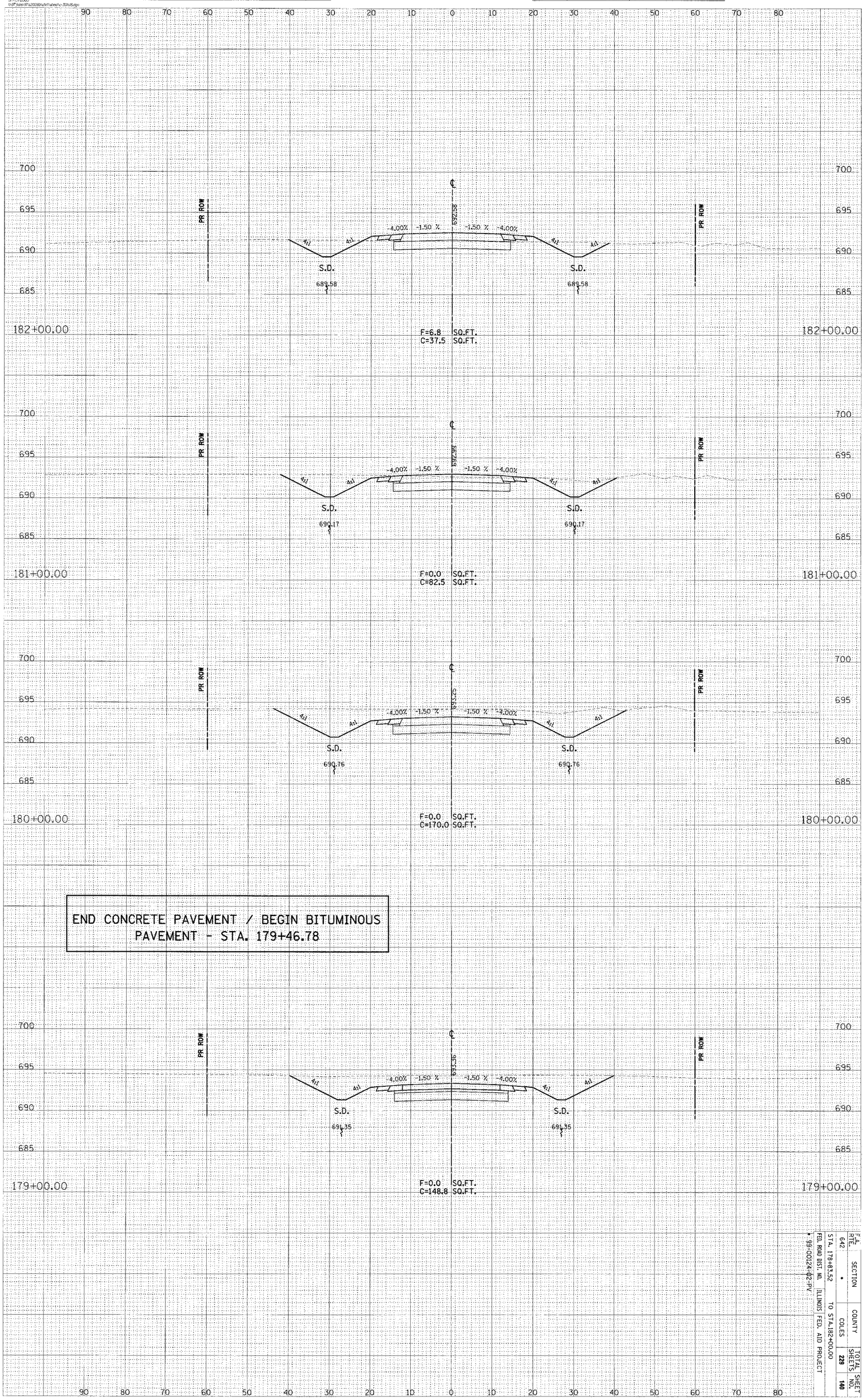
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	140

STA. 178+83.52 TO STA.182+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

CO. HWY. 18

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

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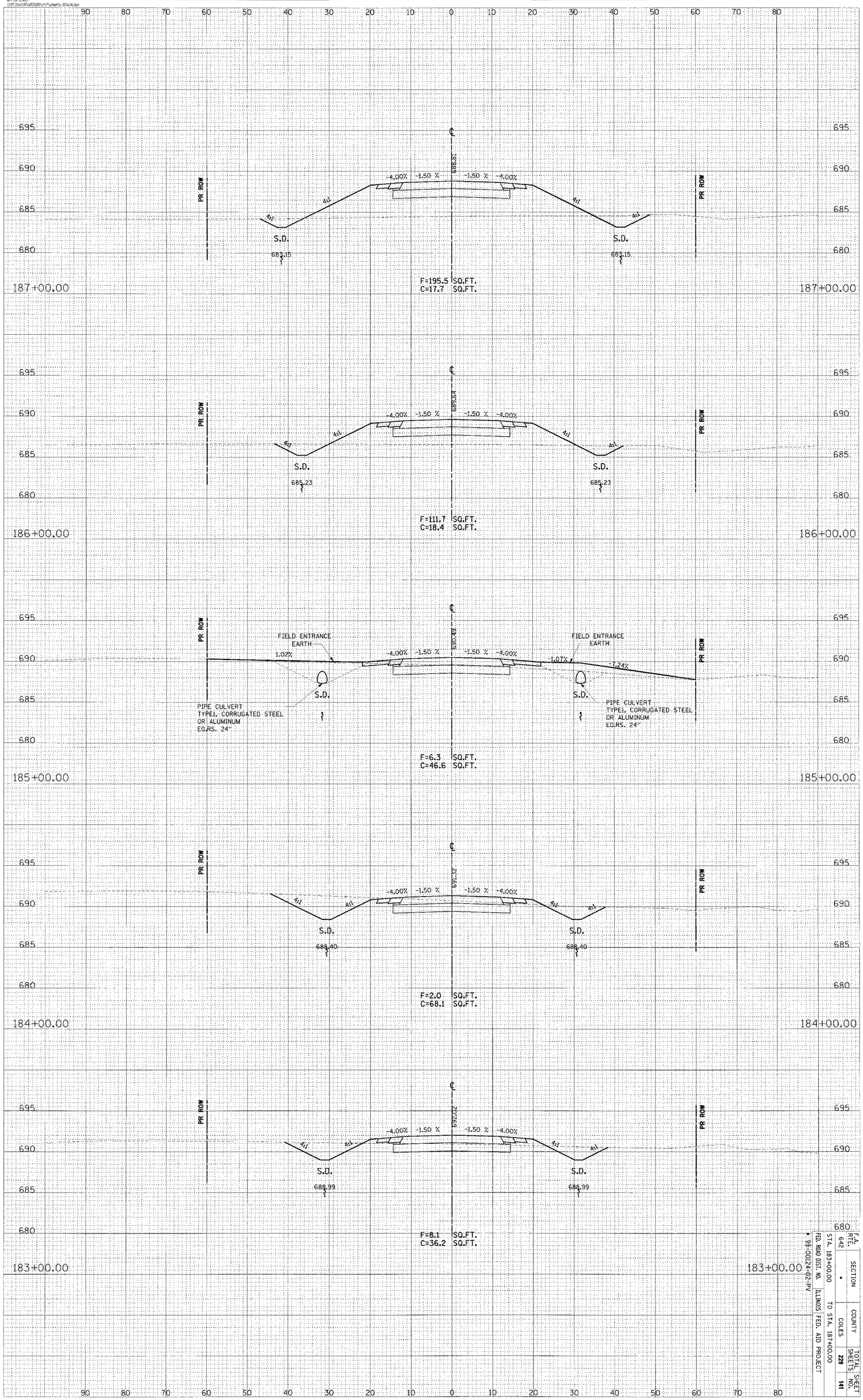
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	141

STA. 183+00.00 TO STA. 187+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

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

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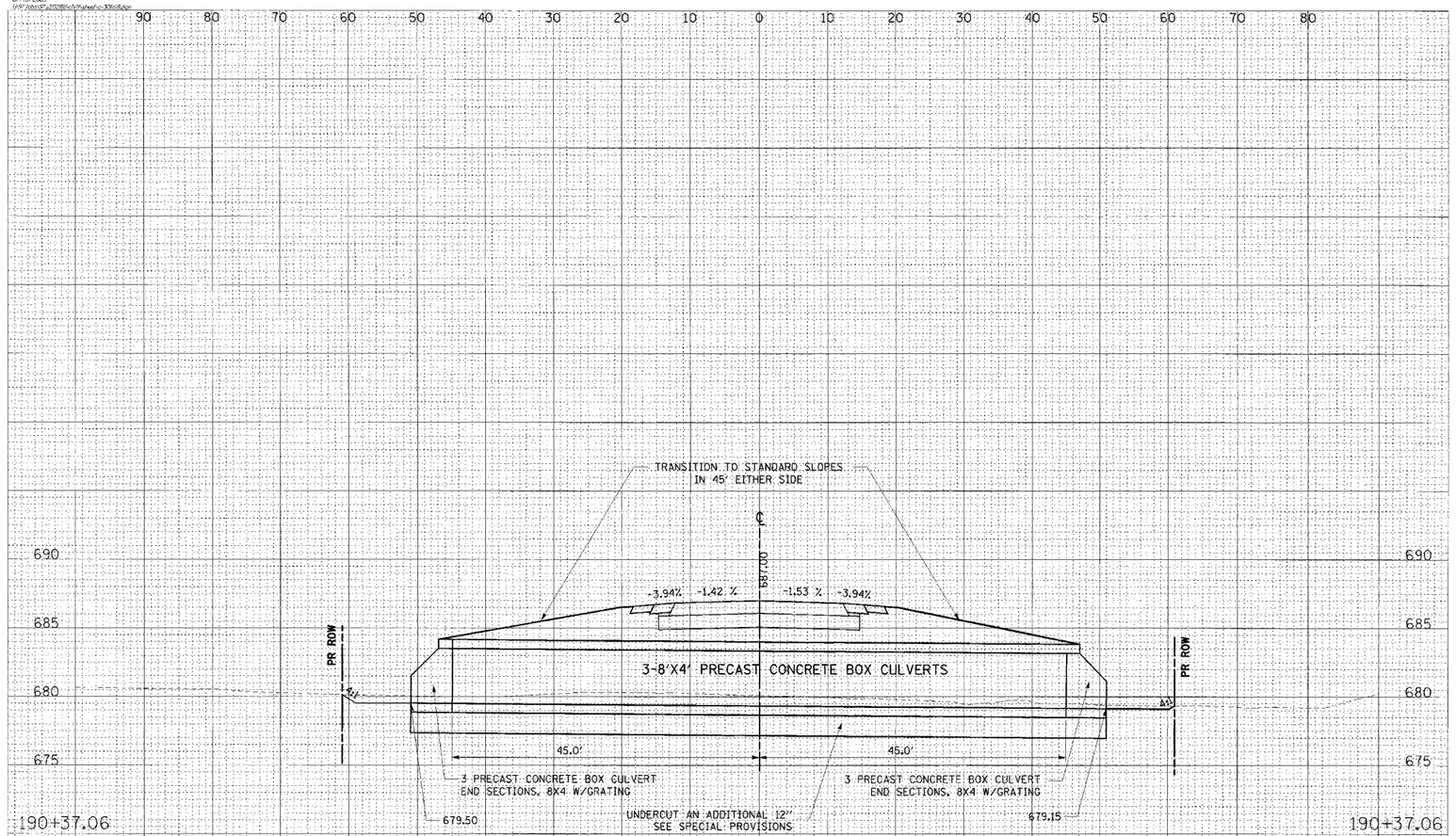

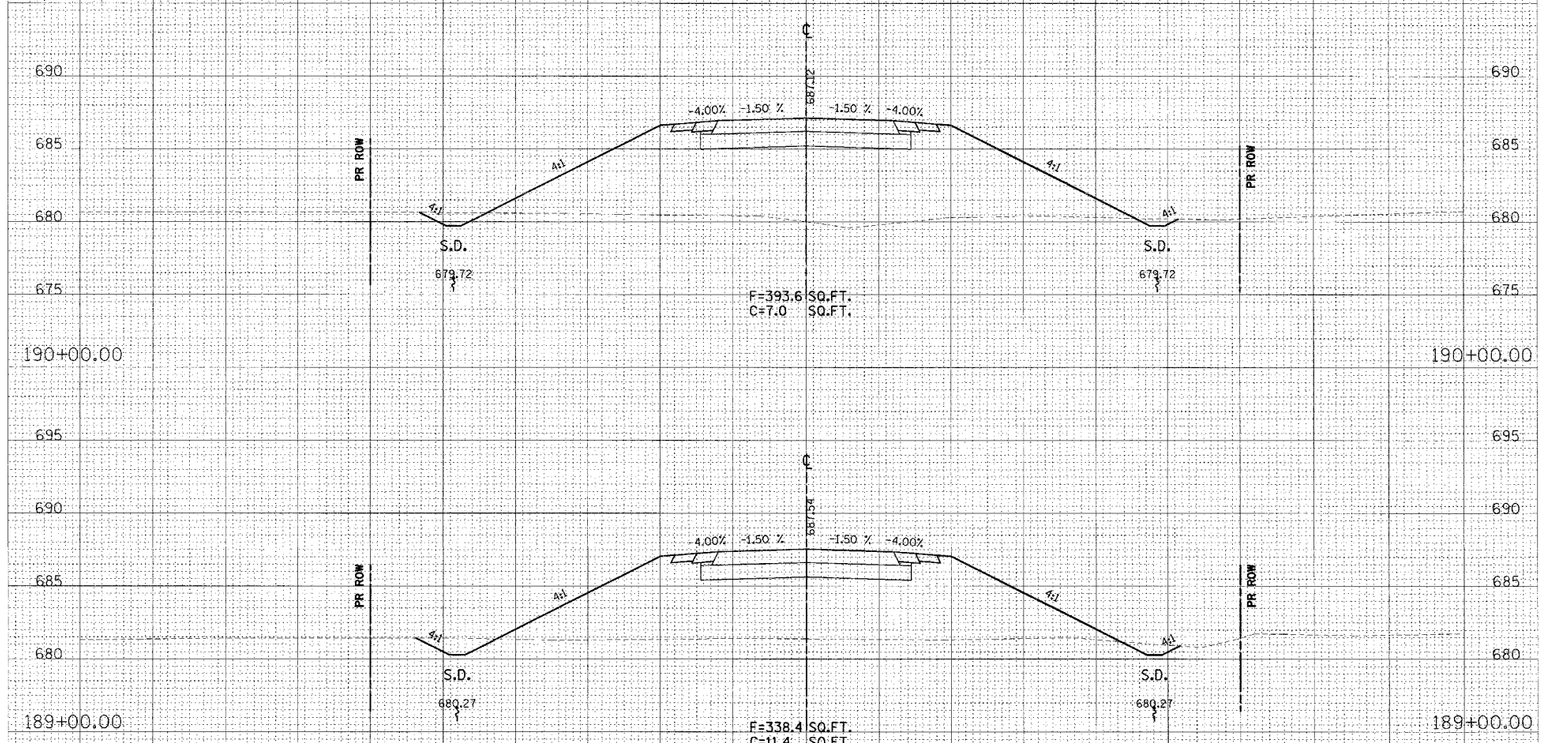

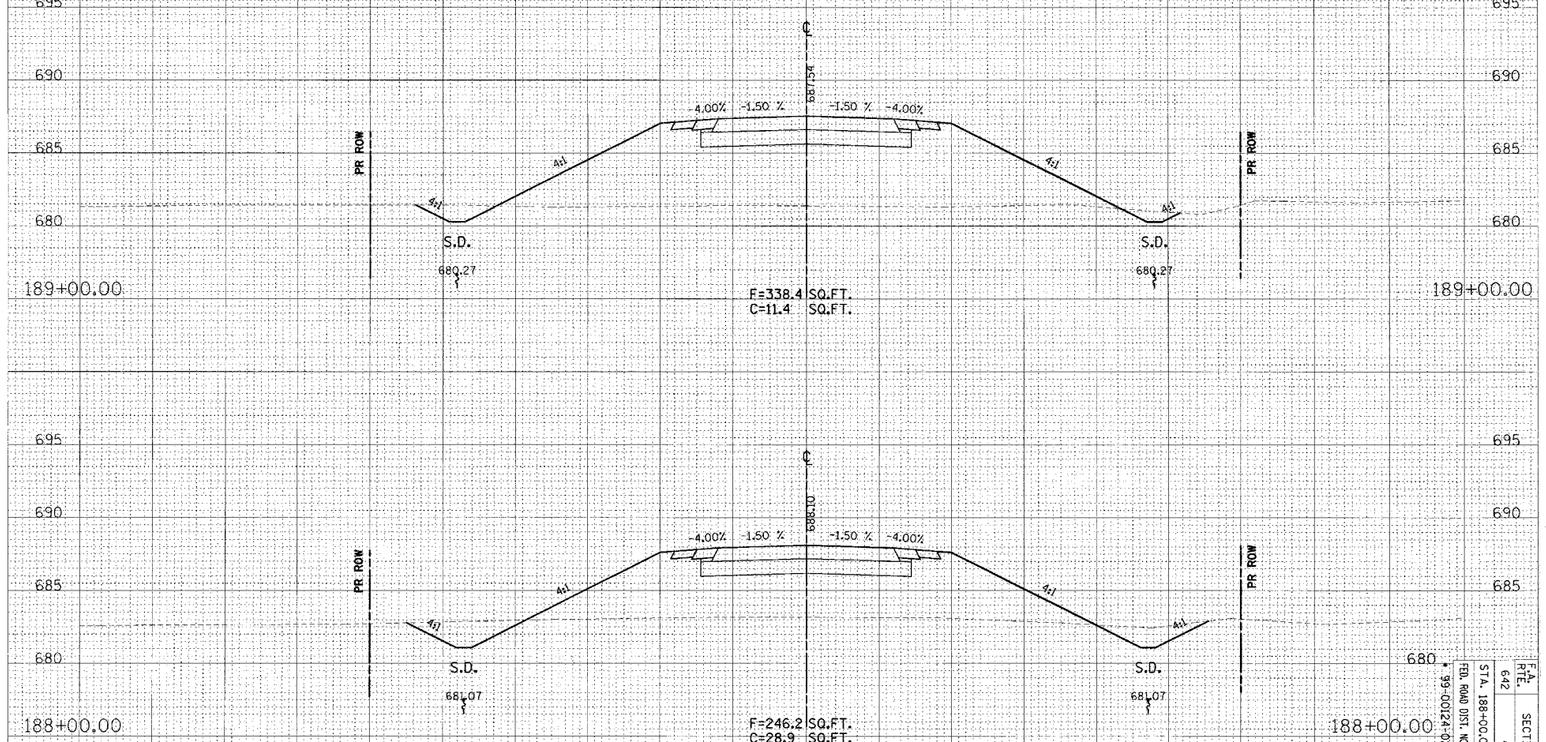

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	142

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
• 99-00124-02-PV
STA. 188+00.00 TO STA. 190+37.06

CONTRACT # 91353

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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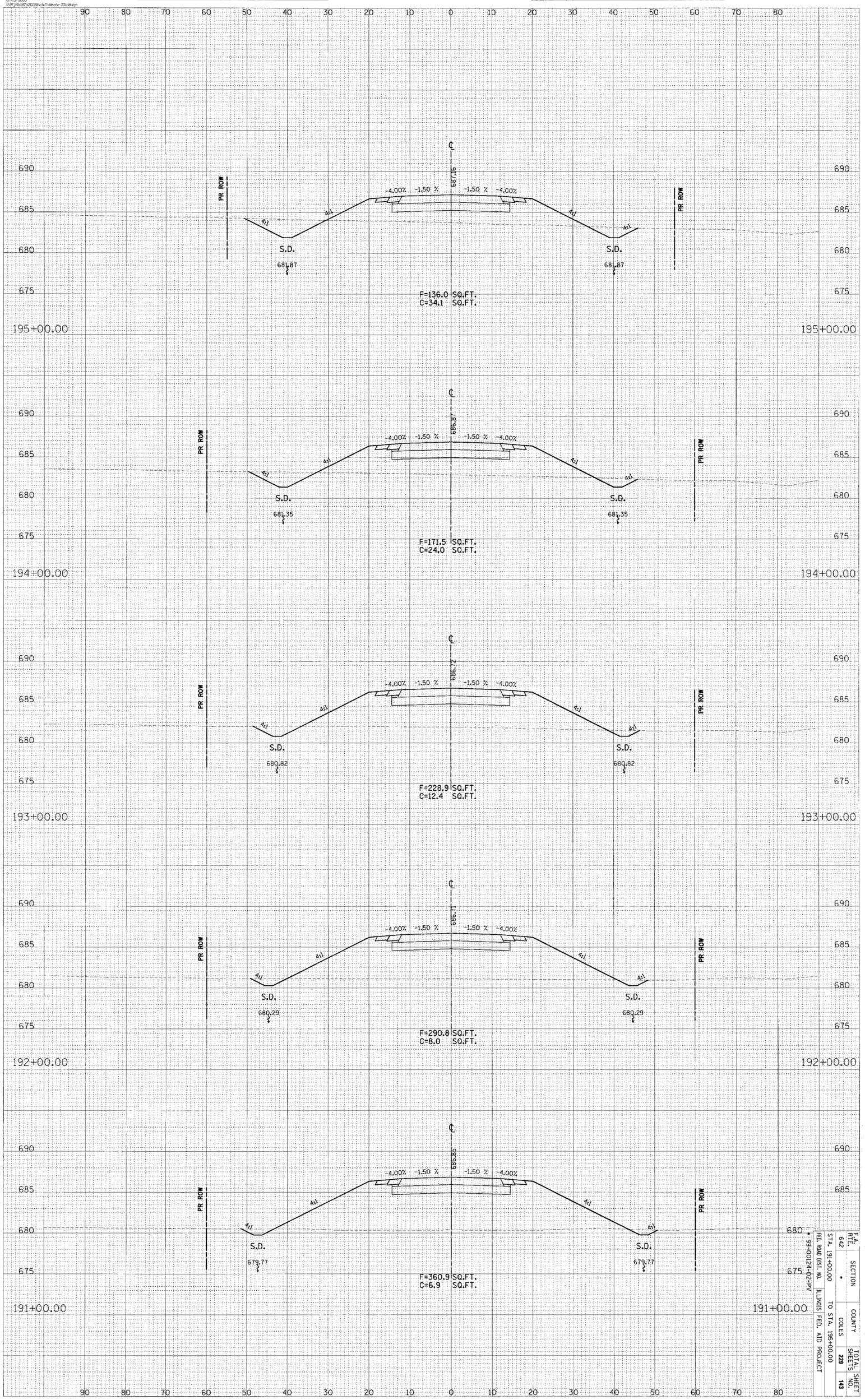
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	143

STA. 191+00.00 TO STA. 195+00.00

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

* 99-00124-02-PV

CO. HWY. 18

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

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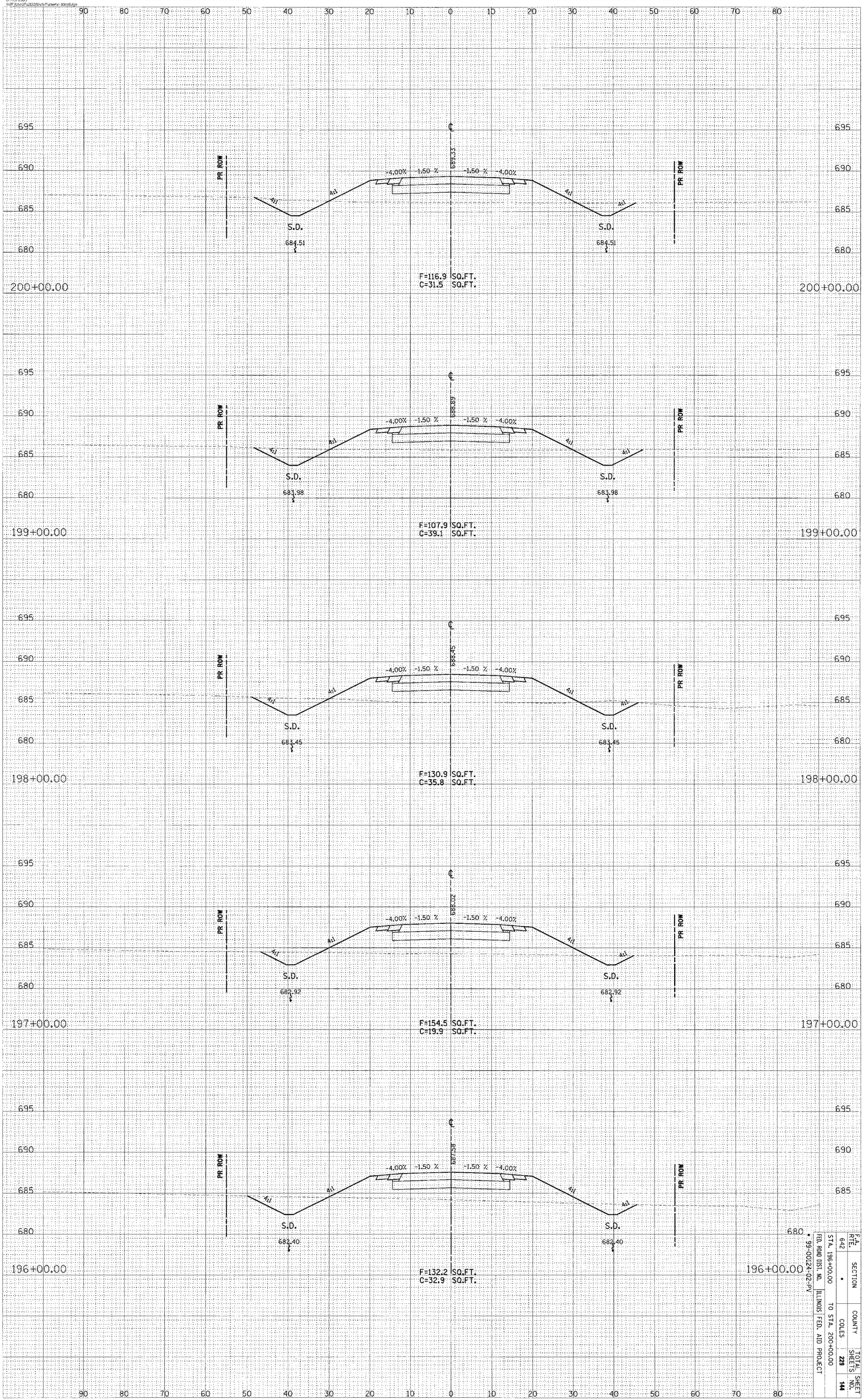
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	144

STA. 196+00.00 TO STA. 200+00.00

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

• 99-00124-02-PV

CO. HWY. 18

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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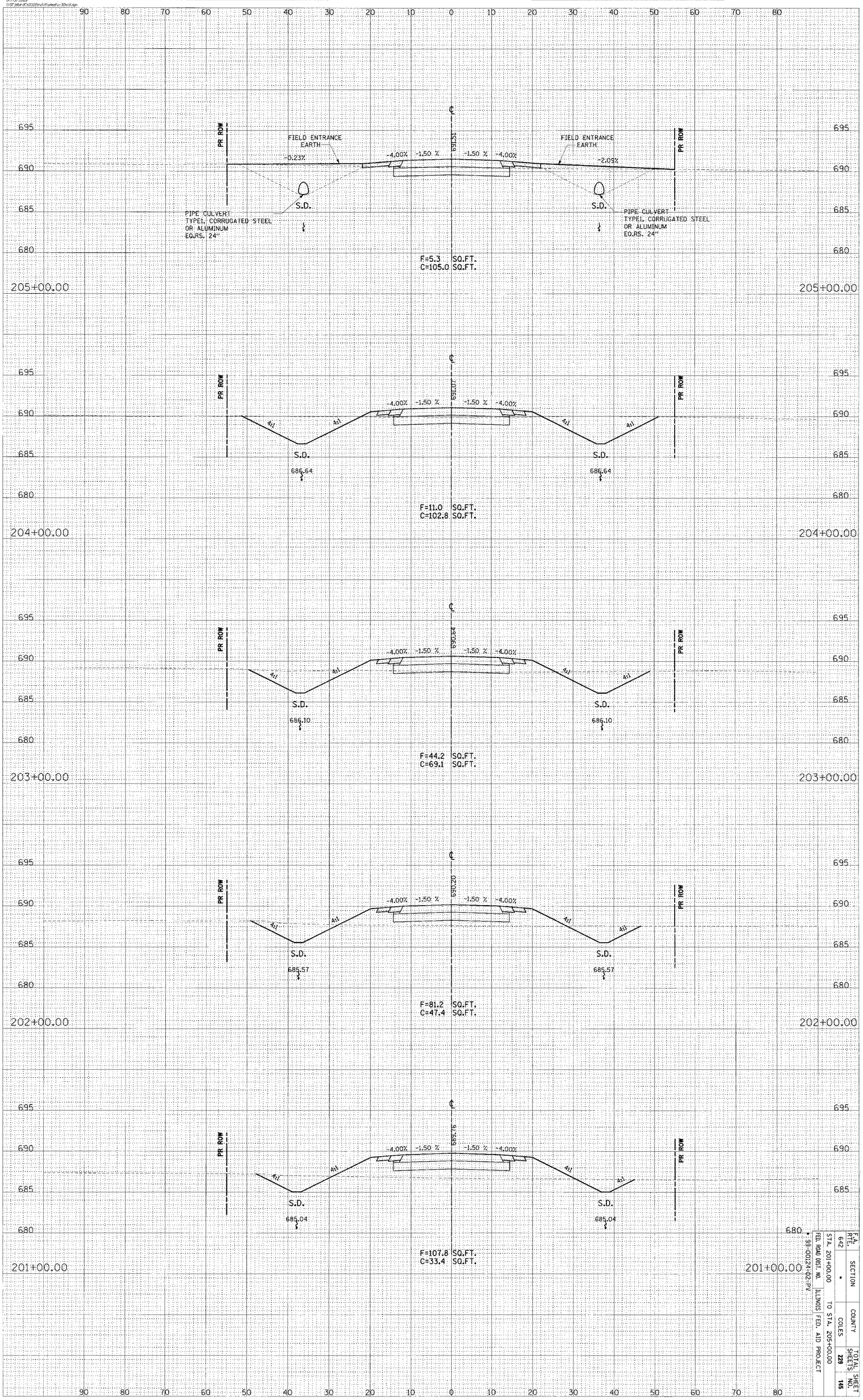
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	145

STA. 201+00.00 TO STA. 205+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
• 99-00124-02-PV

CO. HWY. 18

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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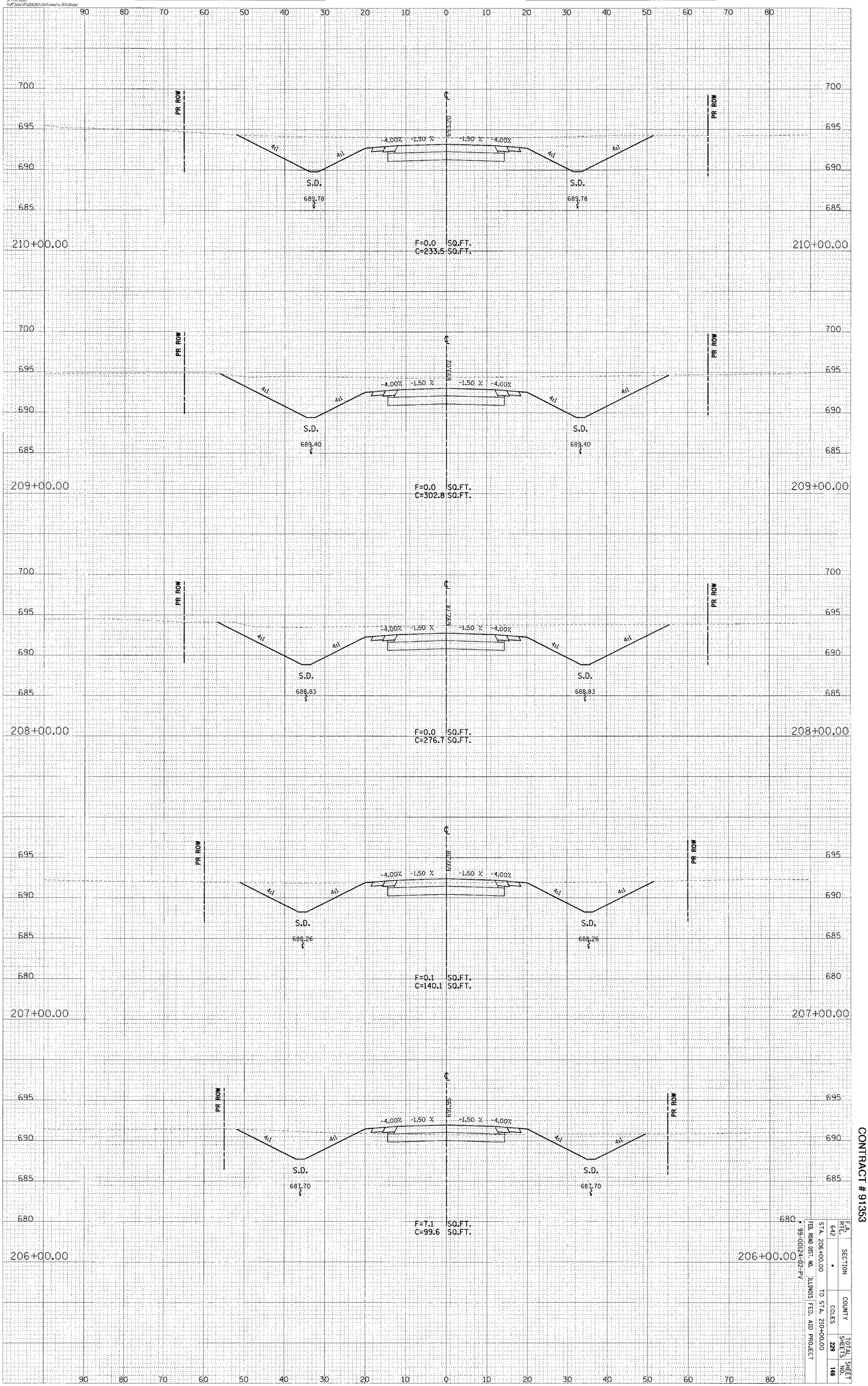
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	146

STA. 206+00.00 TO STA. 210+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	AREAS CHECKED		

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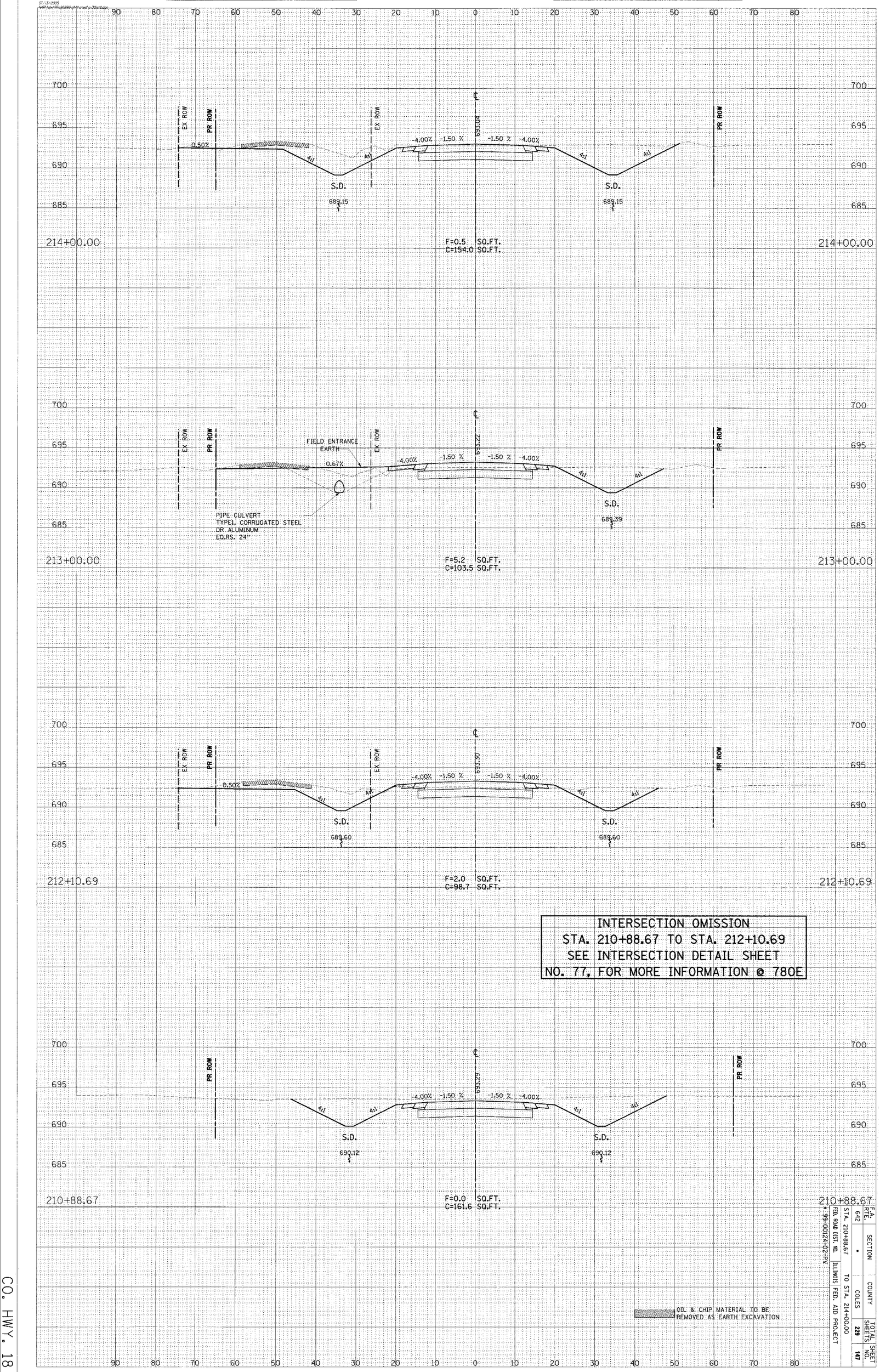

INTERSECTION OMISSION
STA. 210+88.67 TO STA. 212+10.69
SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 780E

OIL & CHIP MATERIAL TO BE REMOVED AS EARTH EXCAVATION

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	147

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. 210+88.67 TO STA. 214+00.00
* 95-00124-02-PV

CO. HWY. 18

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

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FINAL SURVEY		BY	DATE
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NOTE BOOK	TEMPLATE		
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NO.	AREAS CHECKED		

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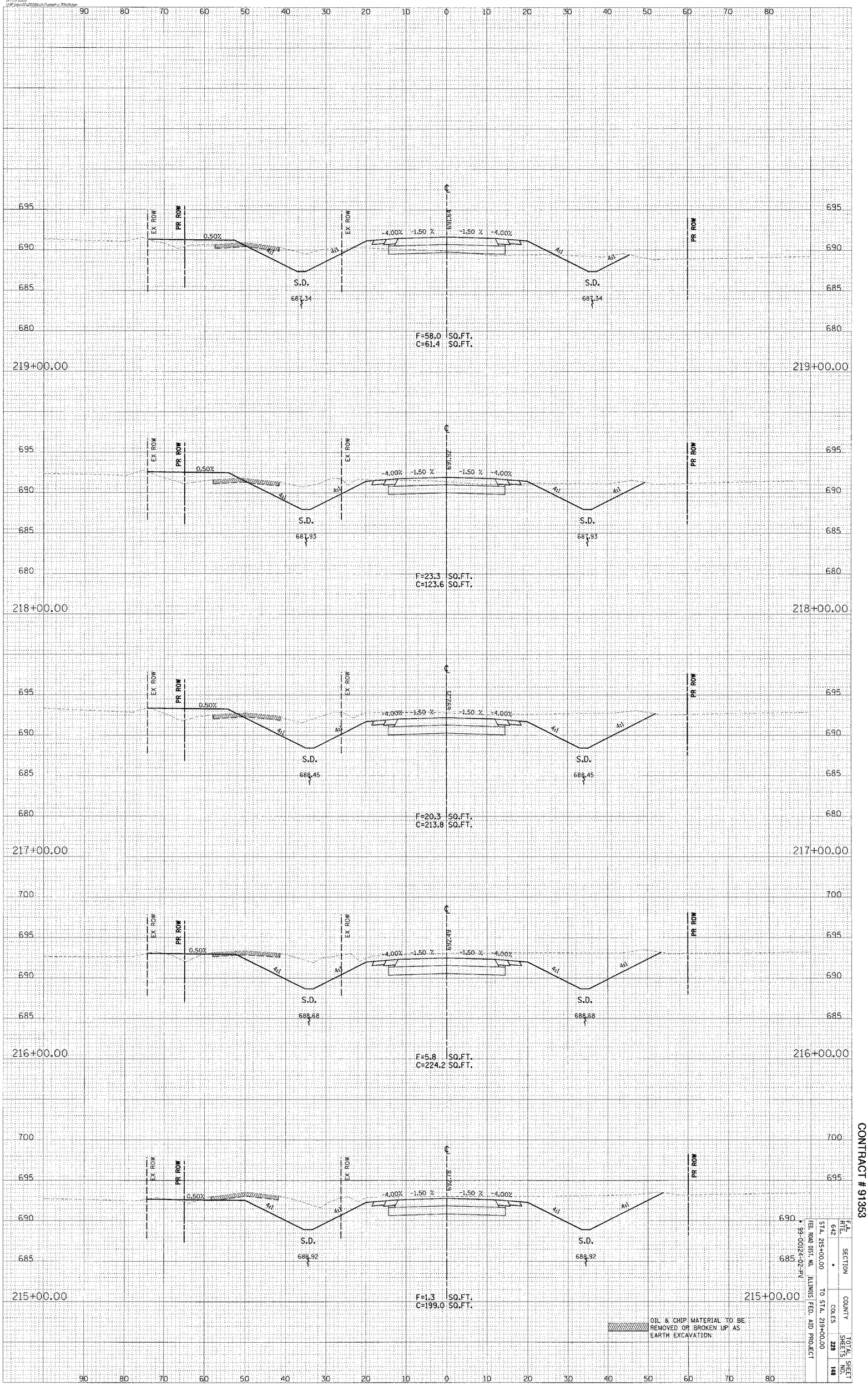

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	148

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. 215+00.00 TO STA. 219+00.00
* 99-00124-02-PV

CO. HWY. 18

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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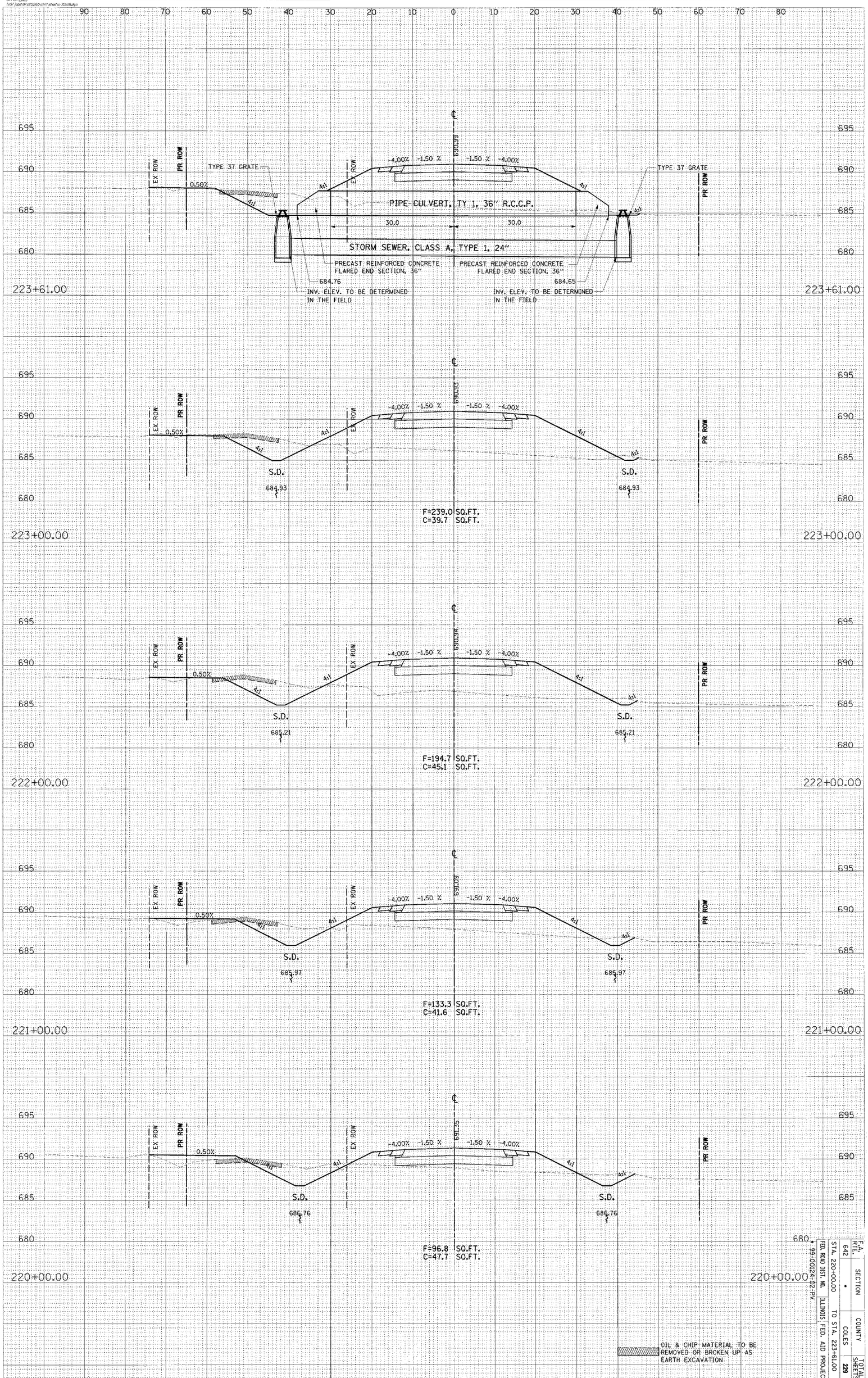
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	149

STA. 220+00.00 TO STA. 223+61.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

CO. HWY. 18

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

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FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
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	AREAS	
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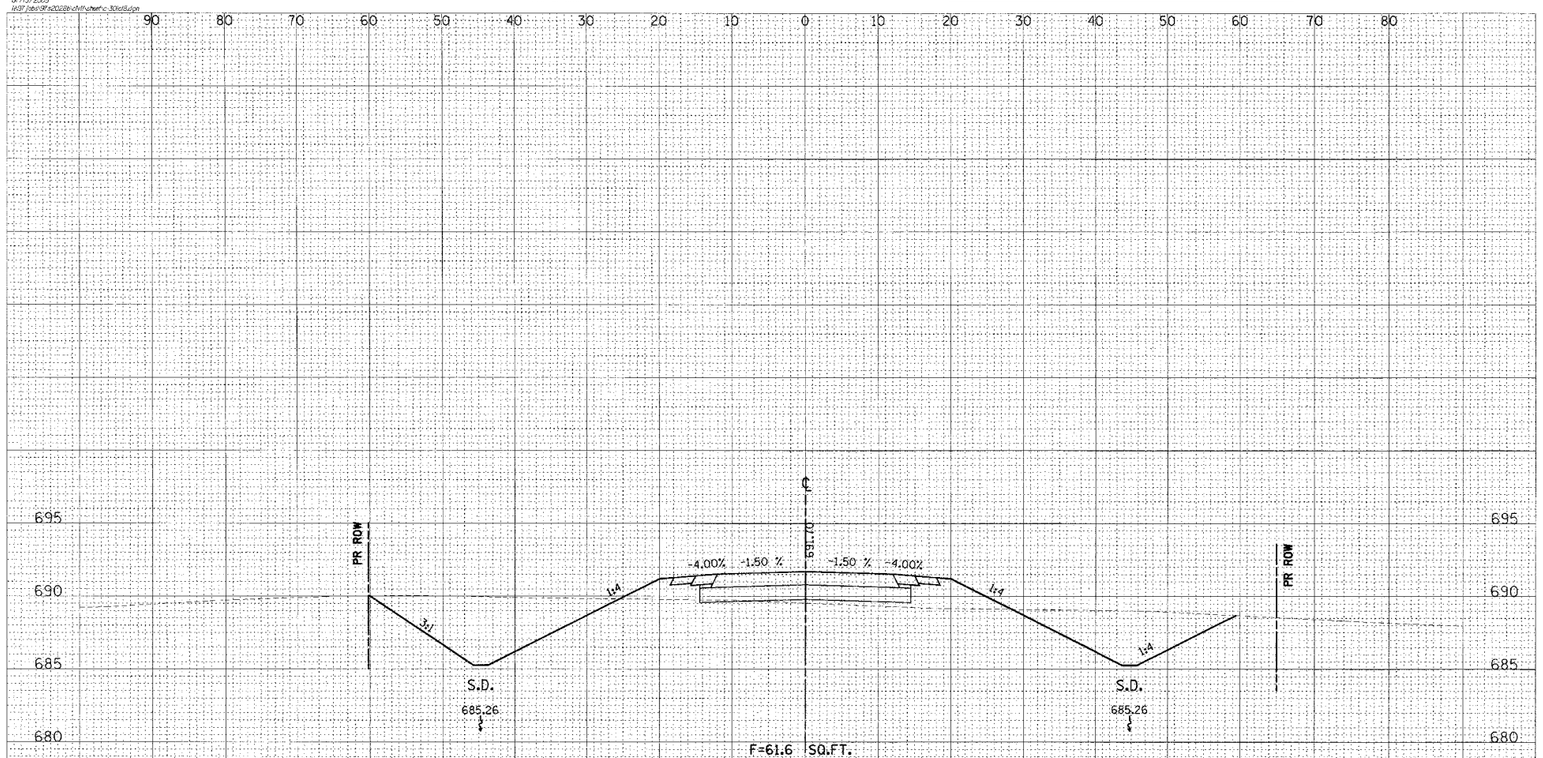
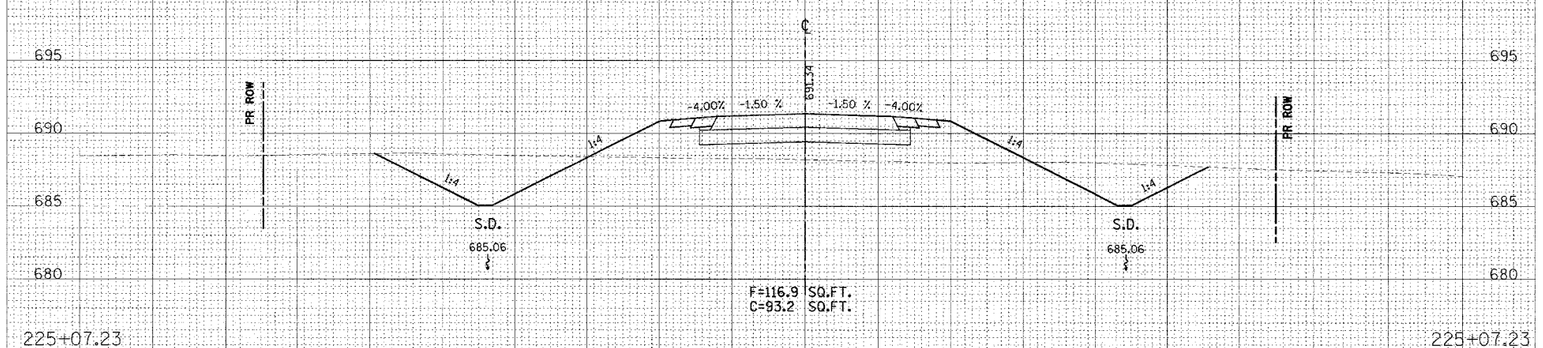
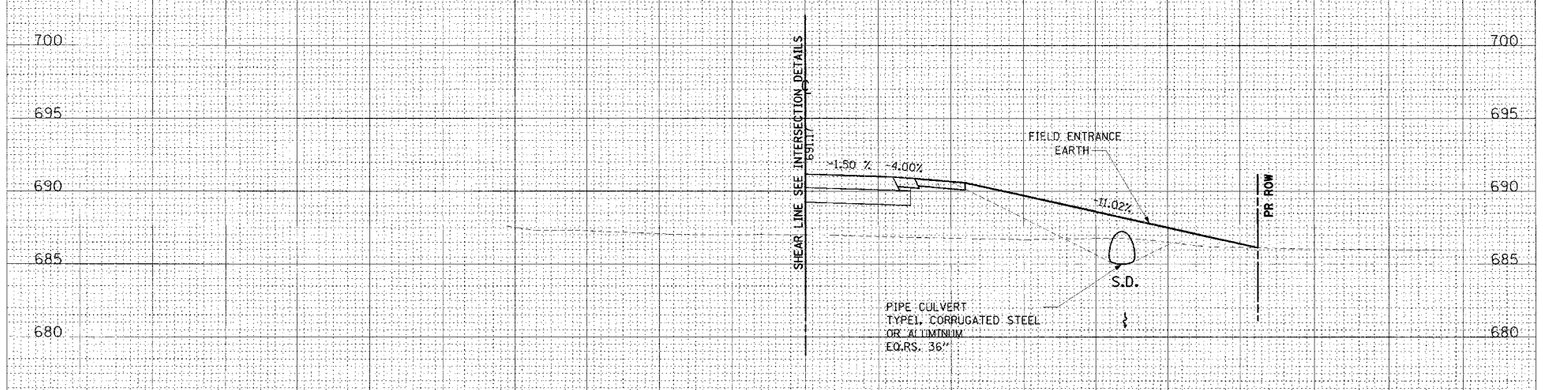
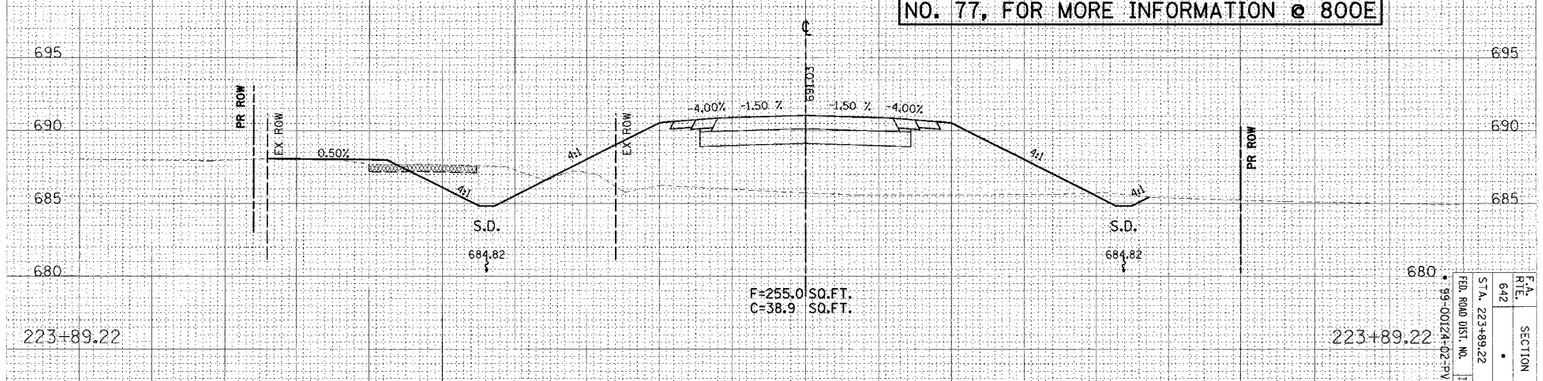






INTERSECTION OMISSION
STA. 223+89.22 TO STA. 225+07.23
SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 800E



OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION.

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	150

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. 223+89.22 TO STA. 226+00.00
* 99-00124-02-PV

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

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

07/13/2005
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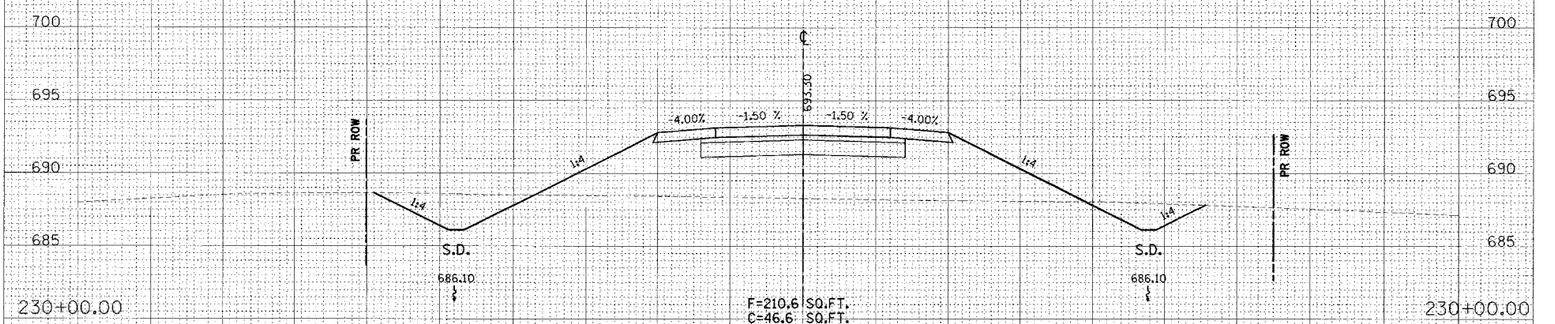
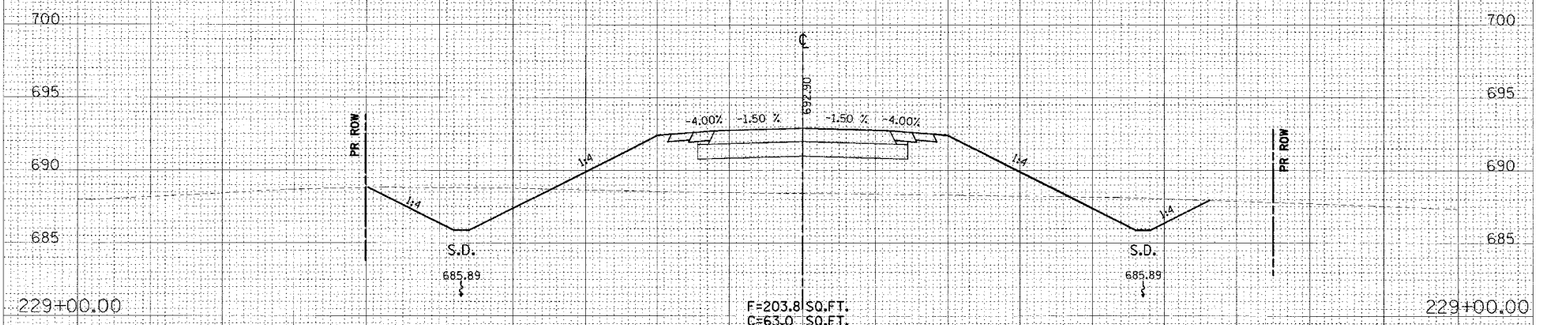
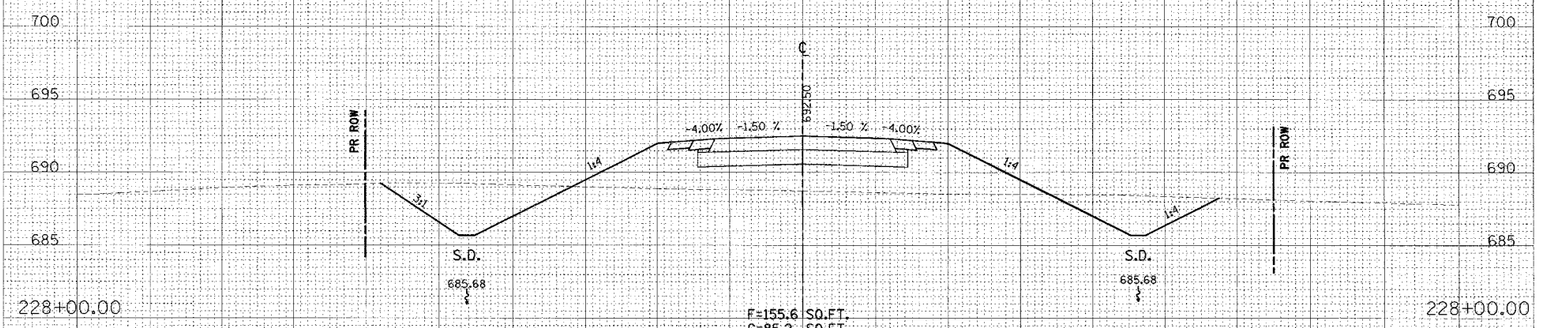
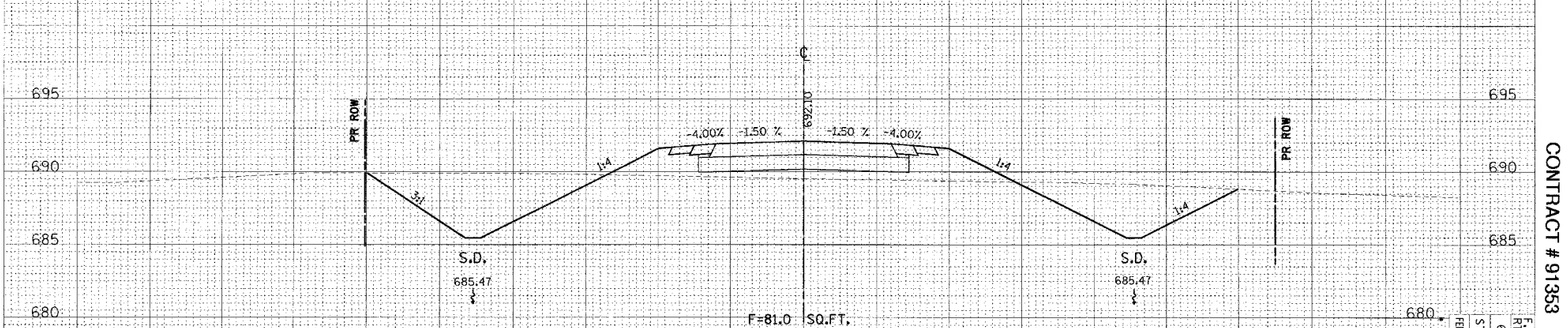
END BITUMINOUS PAVEMENT / BEGIN CONCRETE PAVEMENT - STA. 230+00.00









CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	228	151

STA. 227+00.00 TO STA. 230+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

CO. HWY. 18

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	TEMPLATE		
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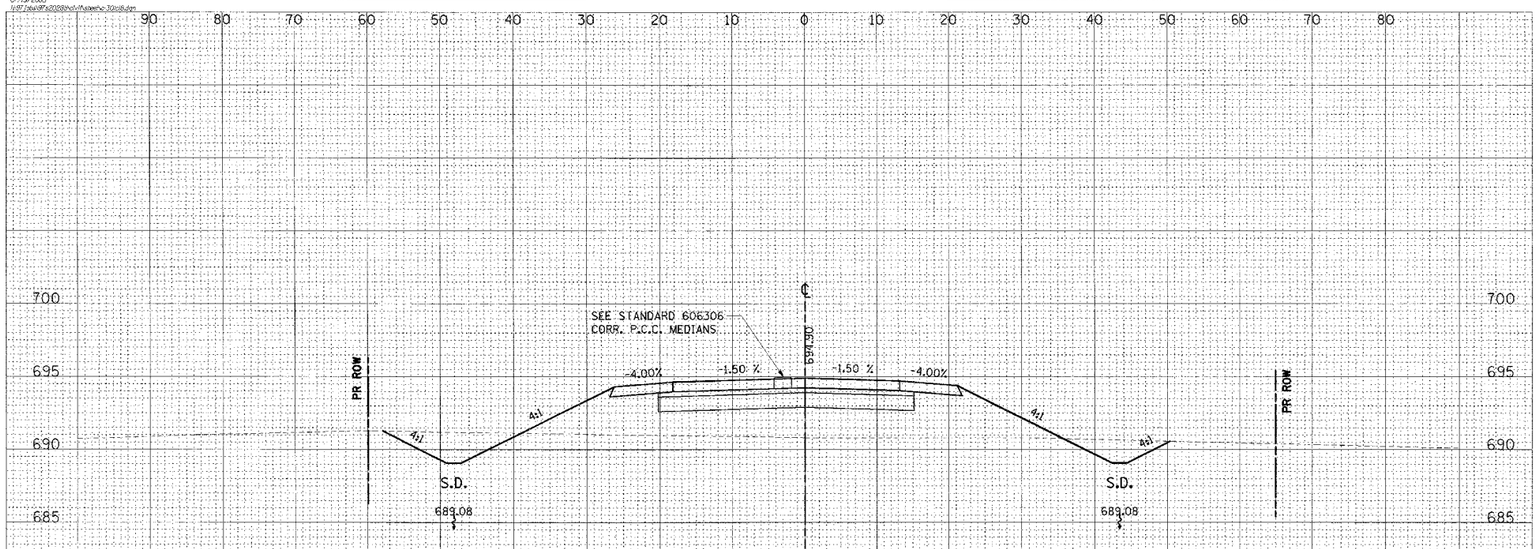

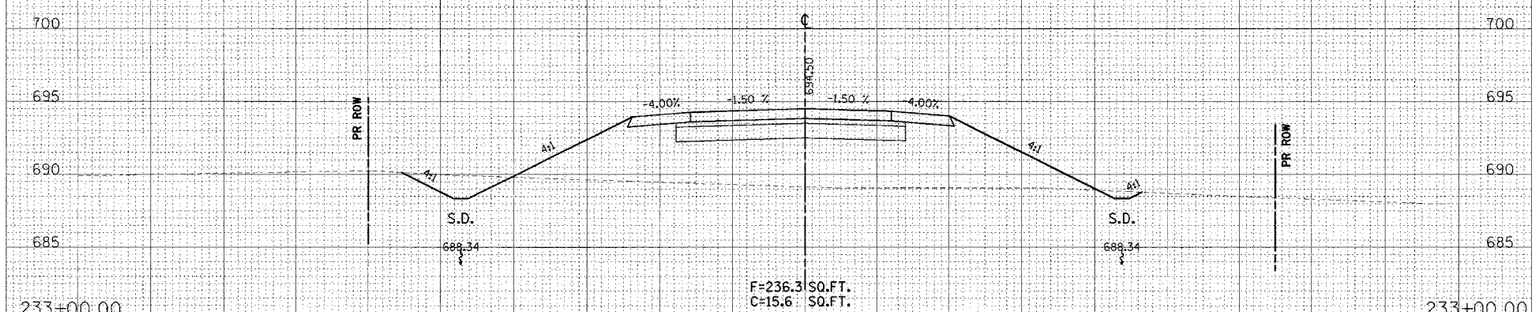

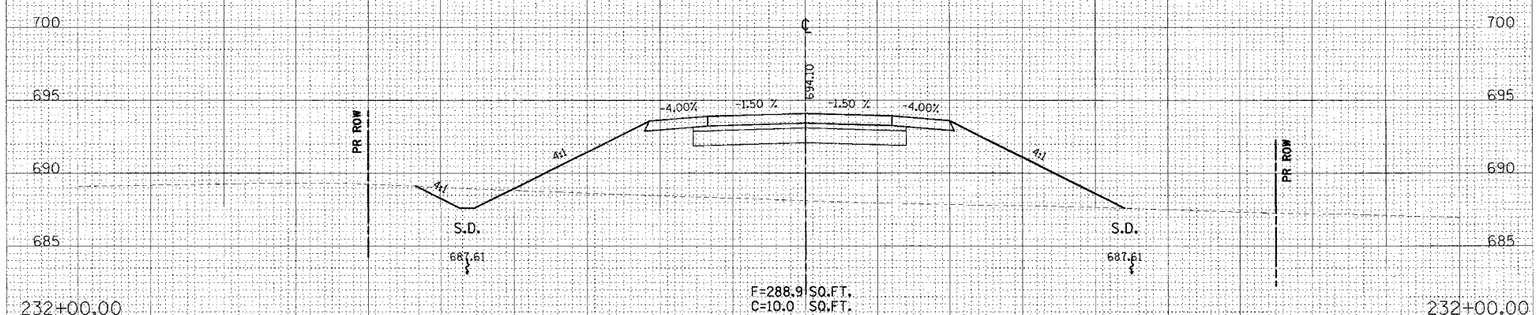

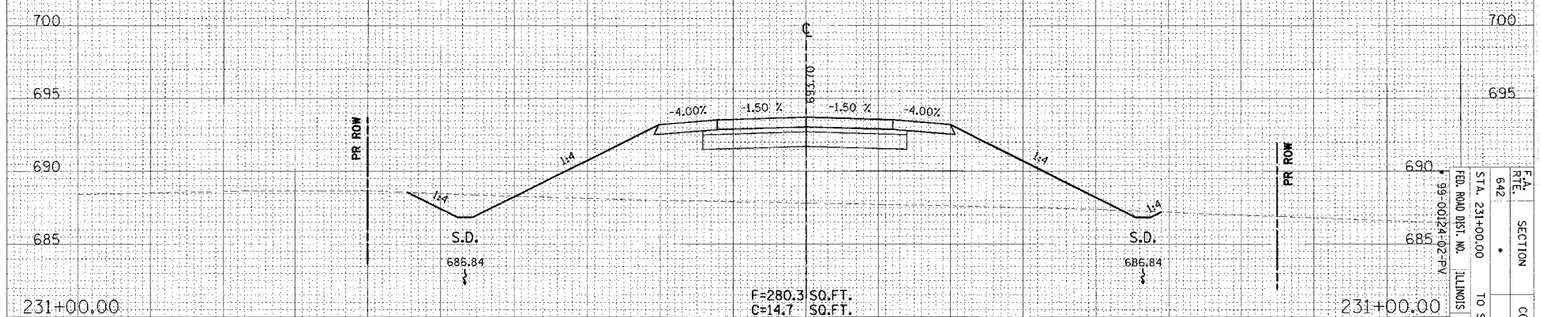

CONTRACT # 91353

FED. ROAD DIST. NO.	STATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6	ILLINOIS	642 •	COLES	229	152

FED. AID PROJECT

STA. 231+00.00 TO STA. 234+00.00

99-00124-02-PV

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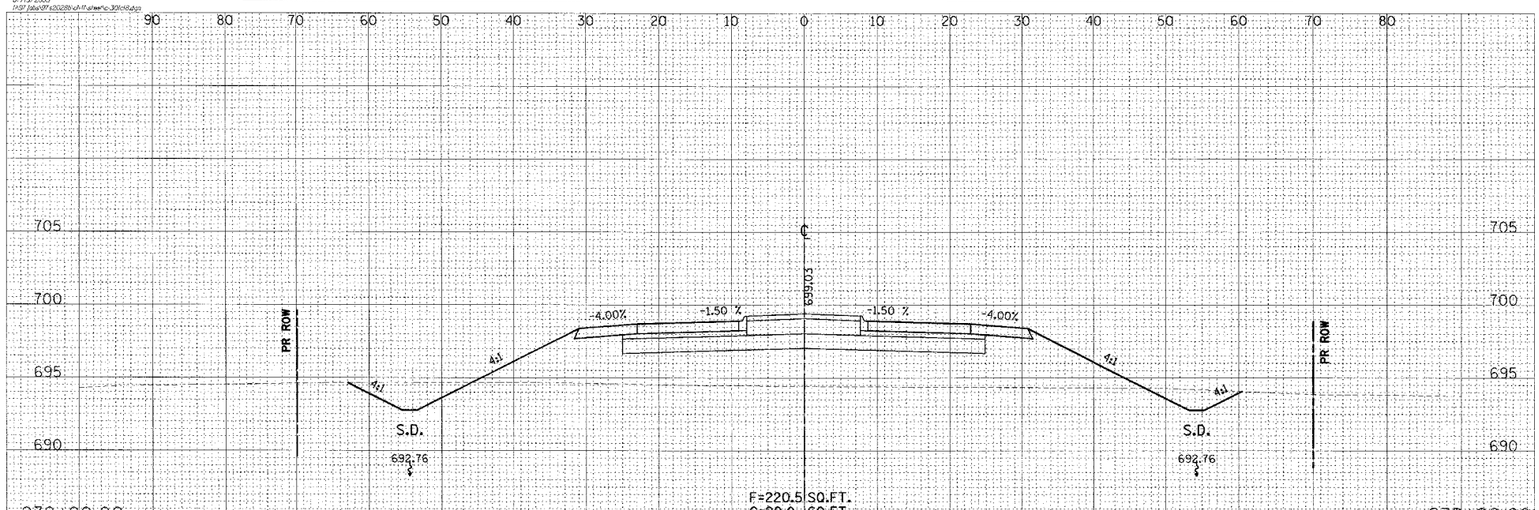

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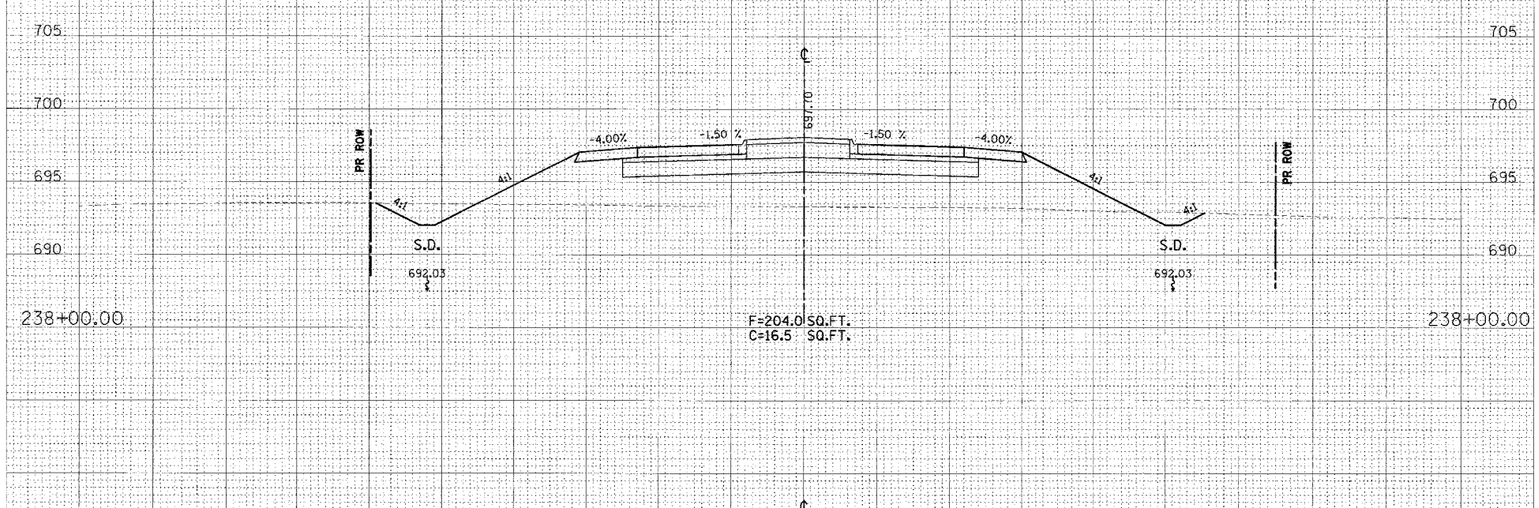

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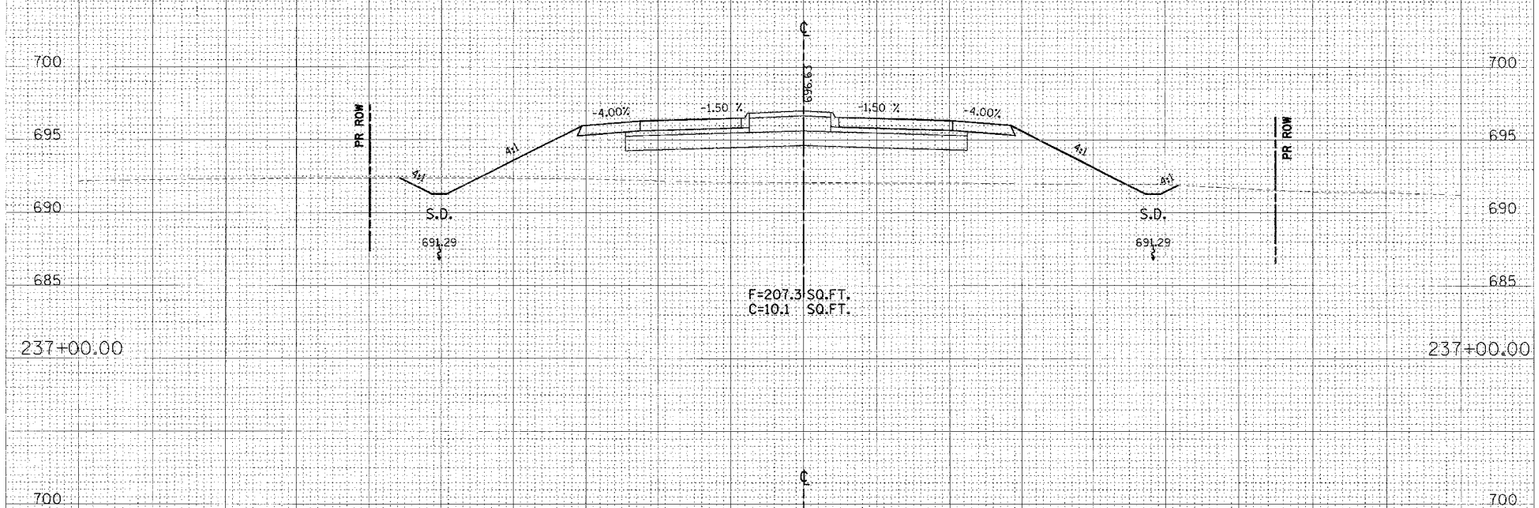

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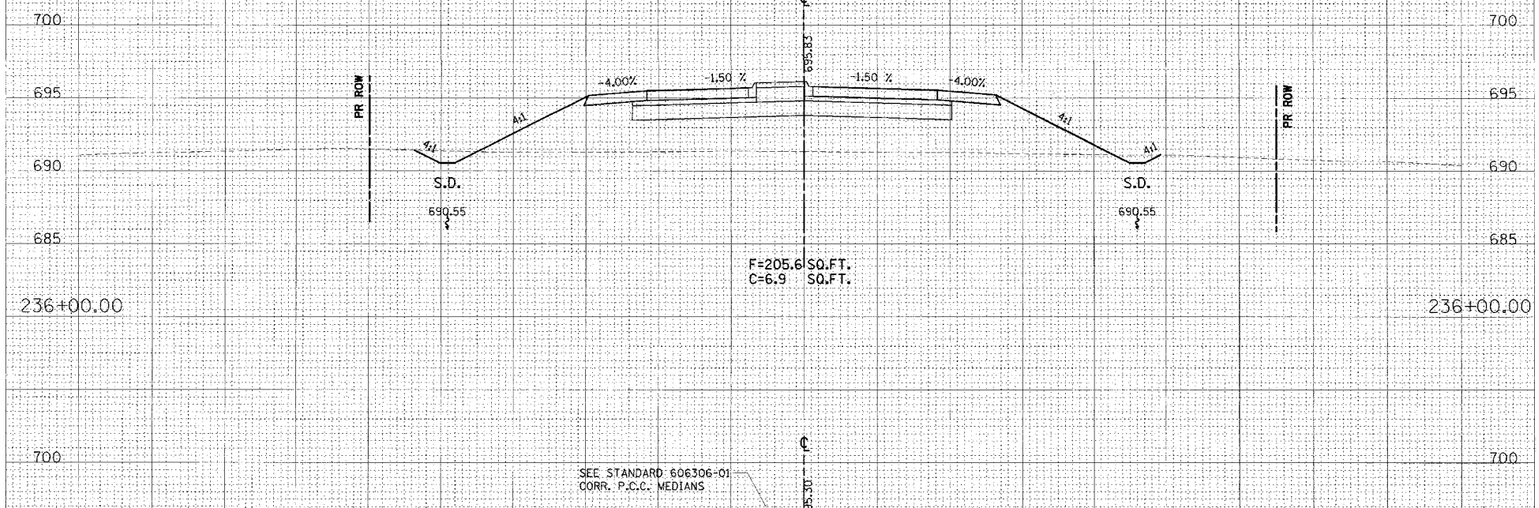

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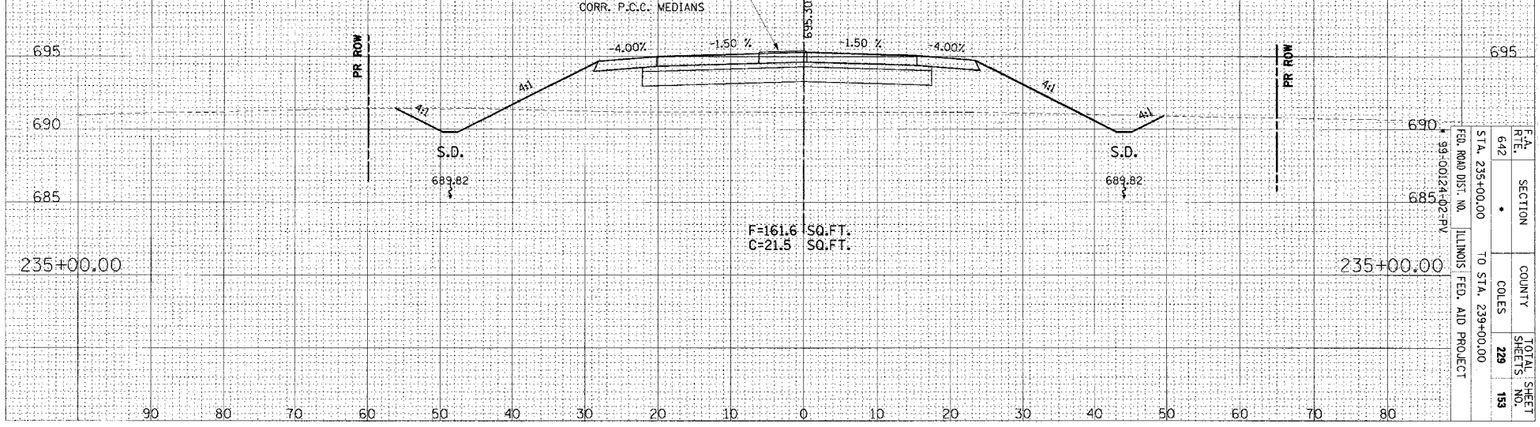

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F.A.P. RTE. 642	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
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ILLINOIS FED. AID PROJECT	TO STA. 239+00.00		

CONTRACT # 91353

CO. HWY. 18

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

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

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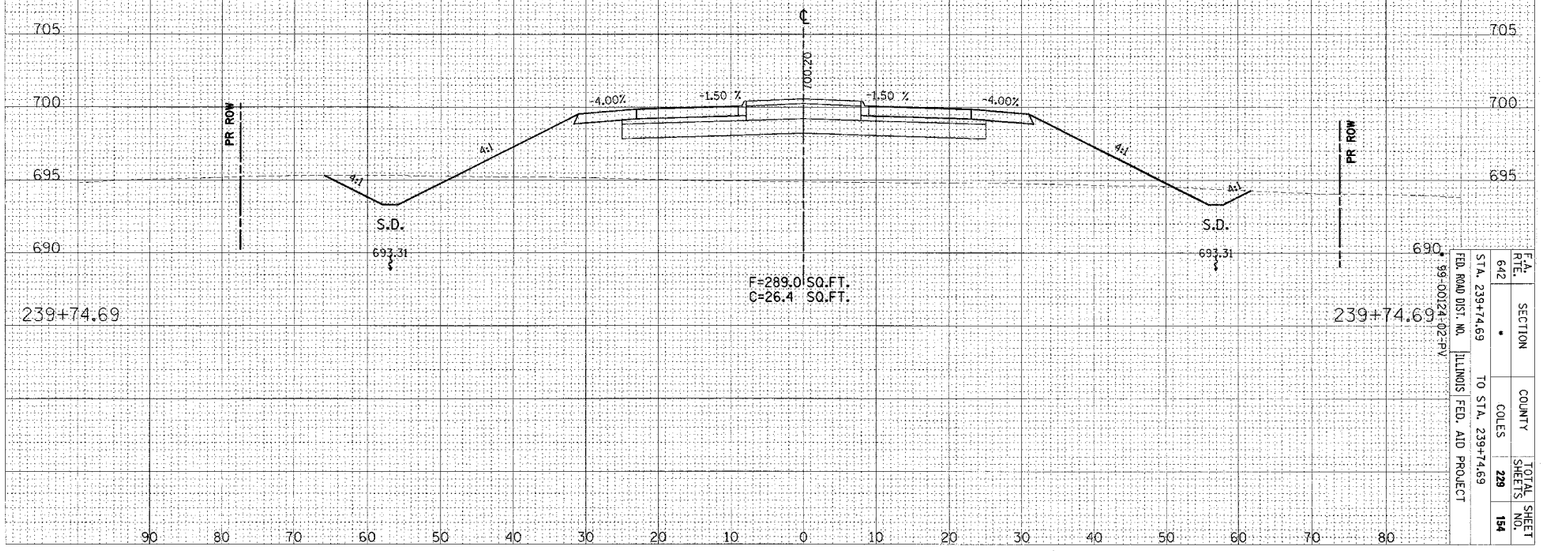
INTERSECTION OMISSION
STA. 239+74.69 TO STA. 241+79.97
SEE INTERSECTION DETAIL SHEET
NO. 68, FOR MORE INFORMATION @ RAMPS A&B



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	154

STA. 239+74.69 TO STA. 239+74.69
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
99-00124-02-PV

CONTRACT # 91353

CO. HWY. 18

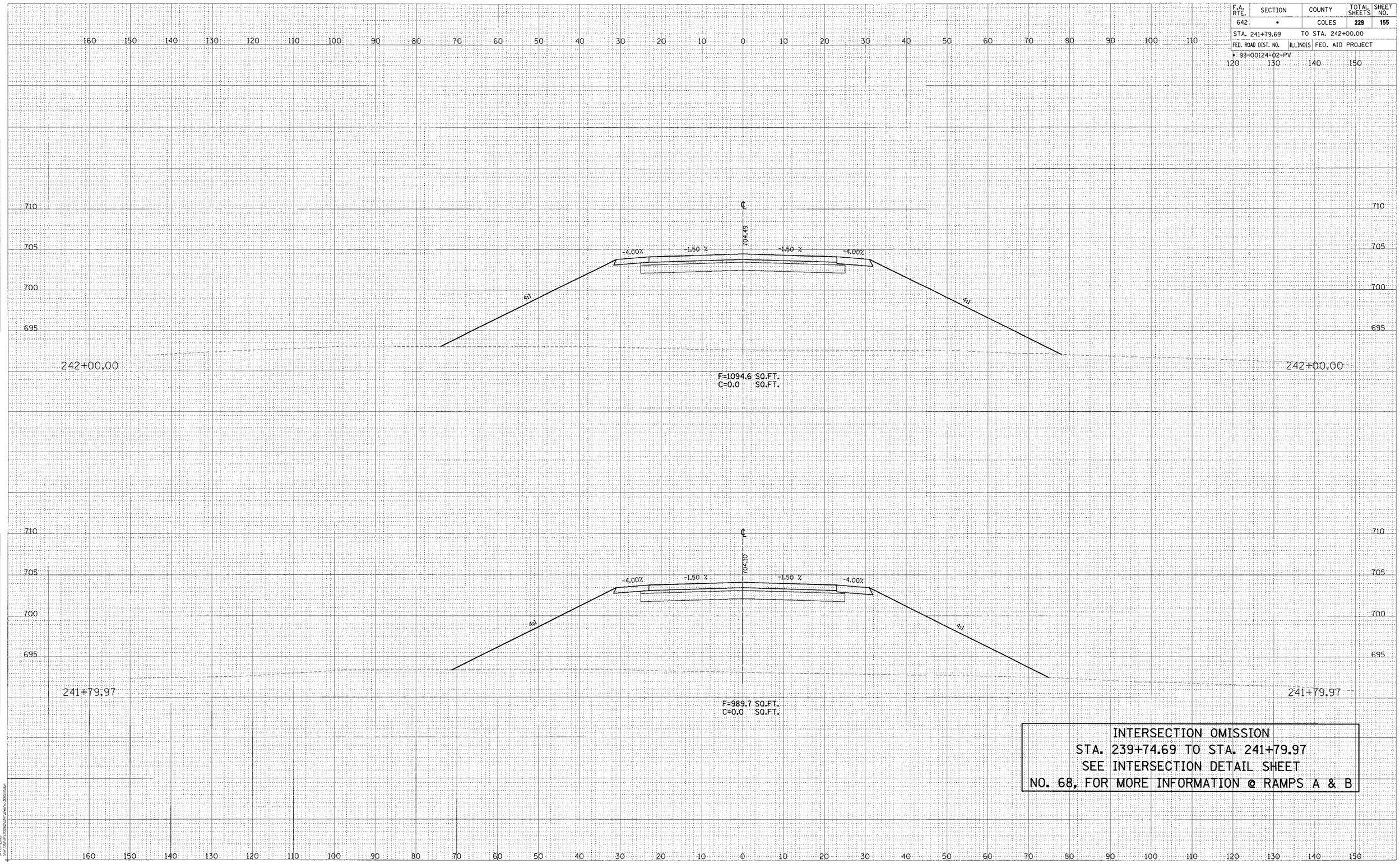
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	155

STA. 241+79.69 TO STA. 242+00.00

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

• 99-00124-02-PV



INTERSECTION OMISSION
STA. 239+74.69 TO STA. 241+79.97
SEE INTERSECTION DETAIL SHEET
NO. 68, FOR MORE INFORMATION @ RAMPS A & B

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

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

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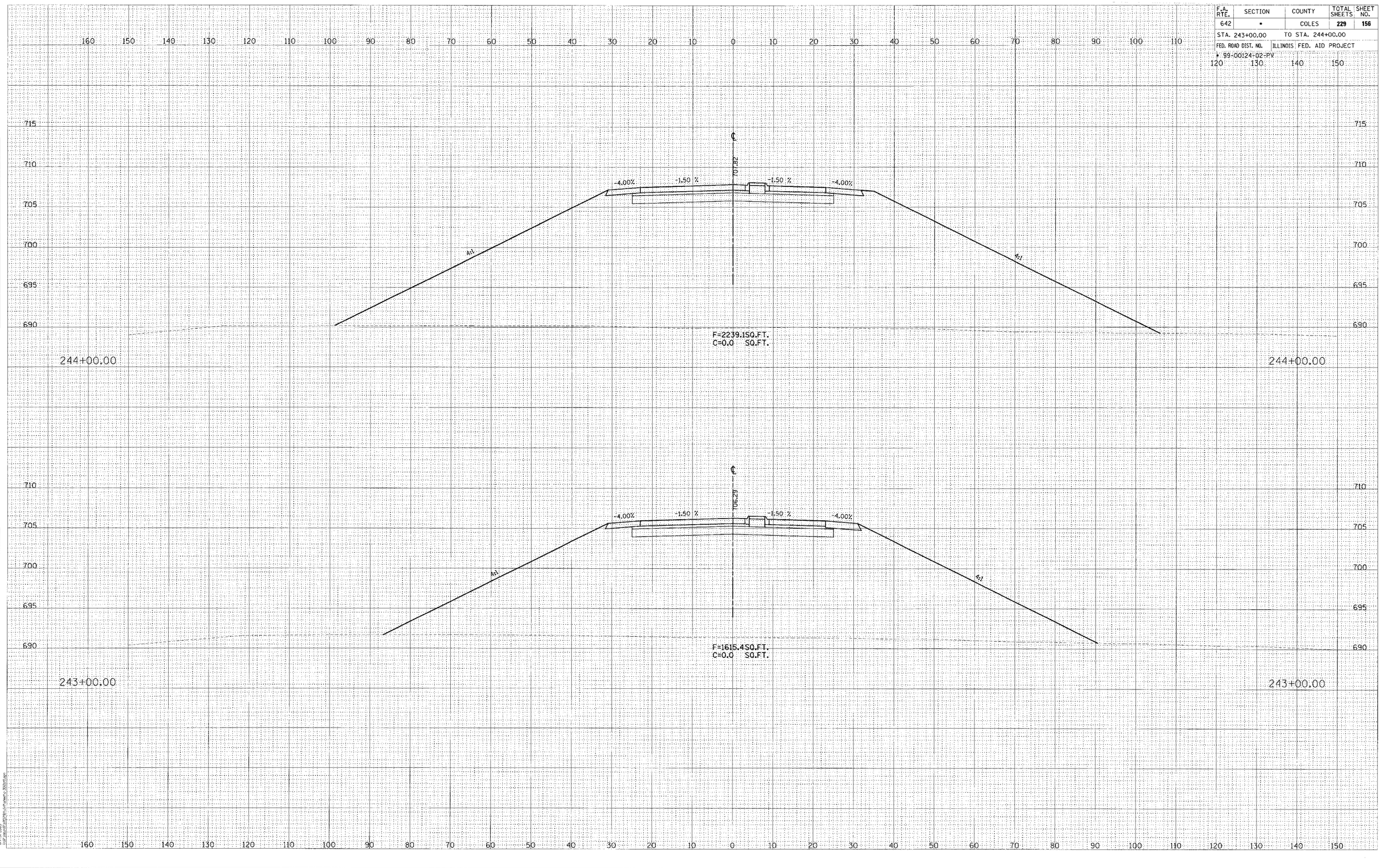
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	156

STA. 243+00.00 TO STA. 244+00.00

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

• 99-00124-02-PV



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

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

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07/1/2005
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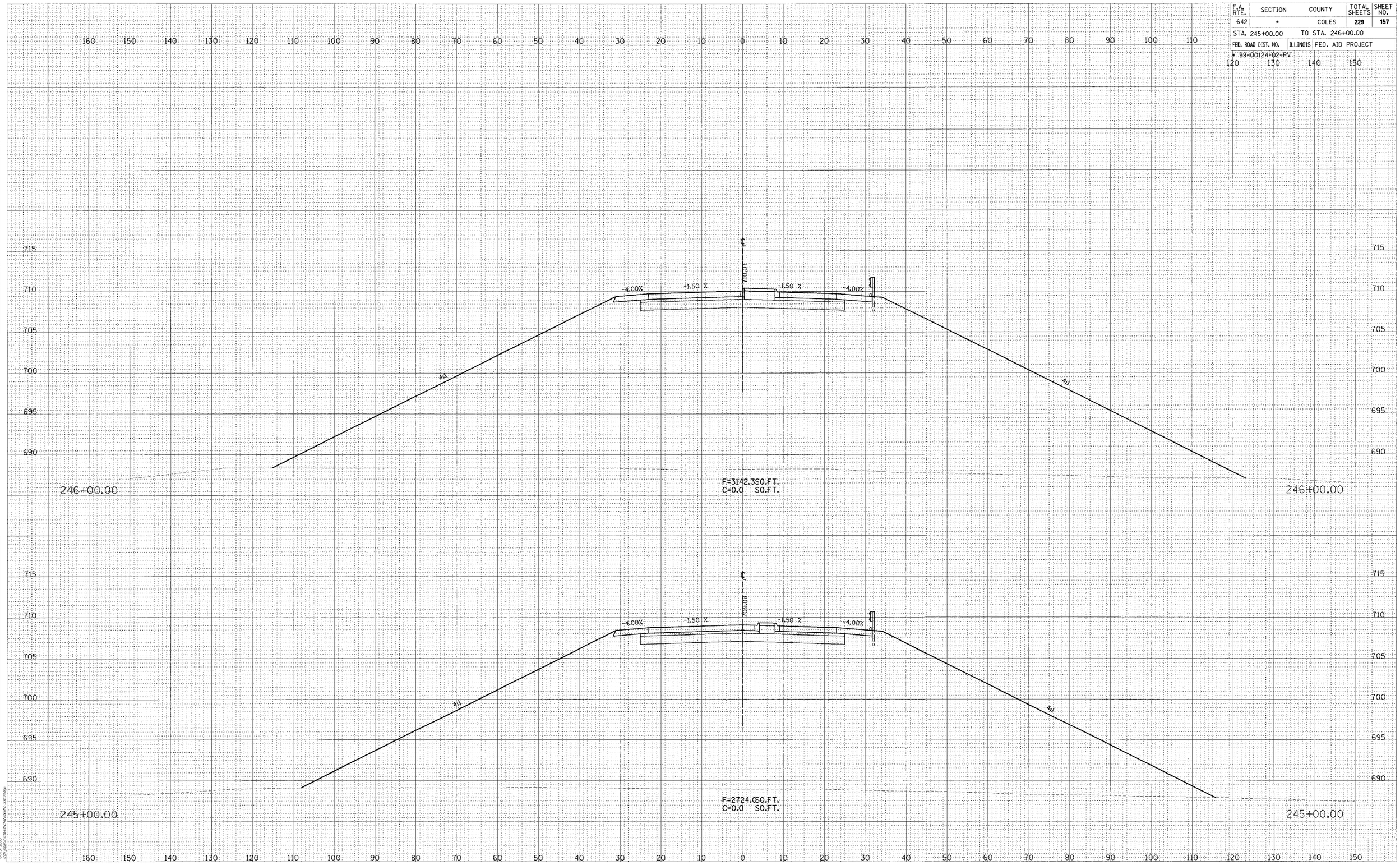
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	228	157
STA. 245+00.00		TO STA. 246+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				



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

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

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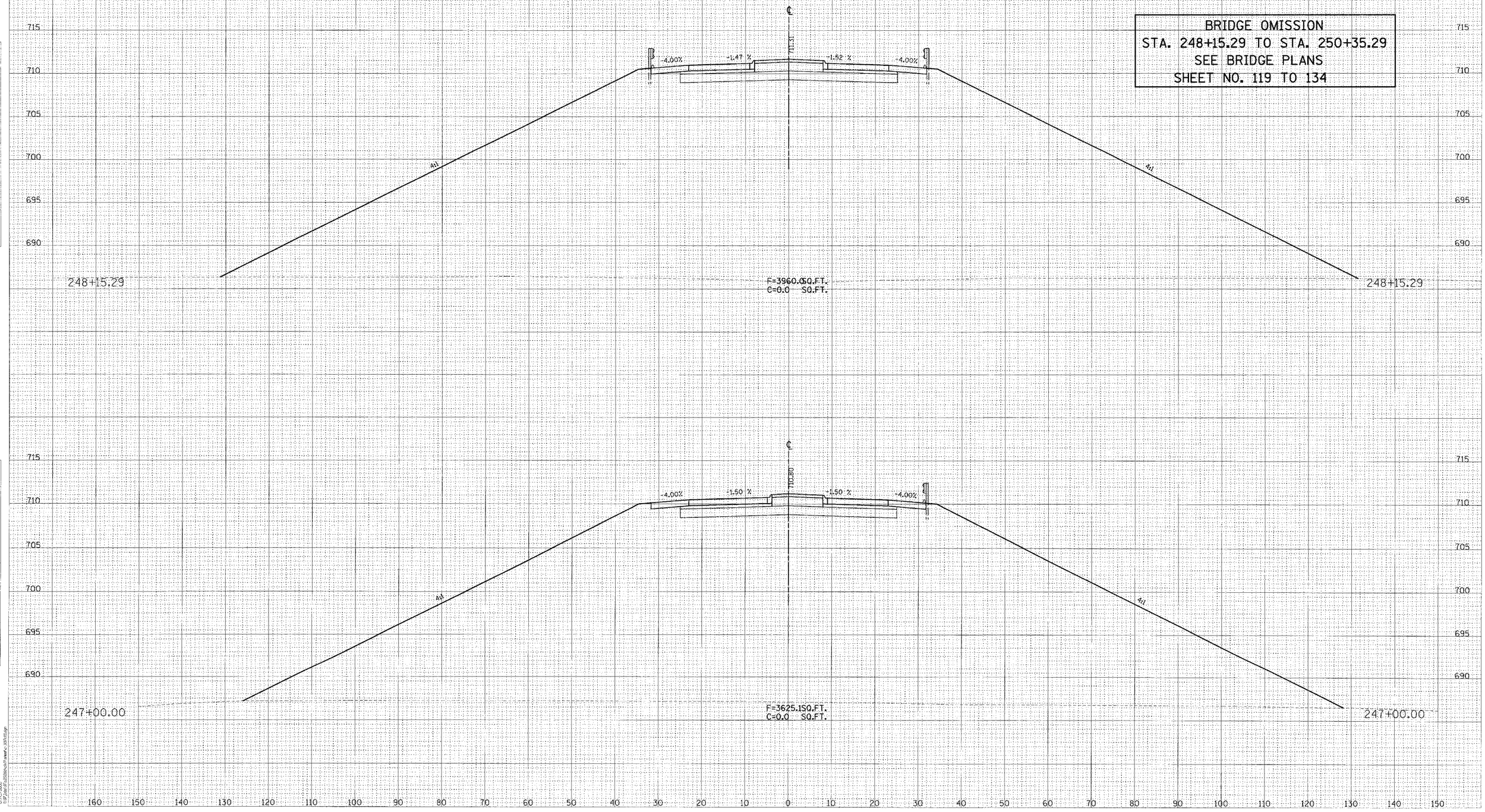
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	158
STA. 247+00.00		TO STA. 248+14.84		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 99-00124-02-PV				

BRIDGE OMISSION
STA. 248+15.29 TO STA. 250+35.29
SEE BRIDGE PLANS
SHEET NO. 119 TO 134



FINAL SURVEY
NOTE BOOK
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AREAS CHECKED
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DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
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TEMPLATE
AREAS
AREAS CHECKED
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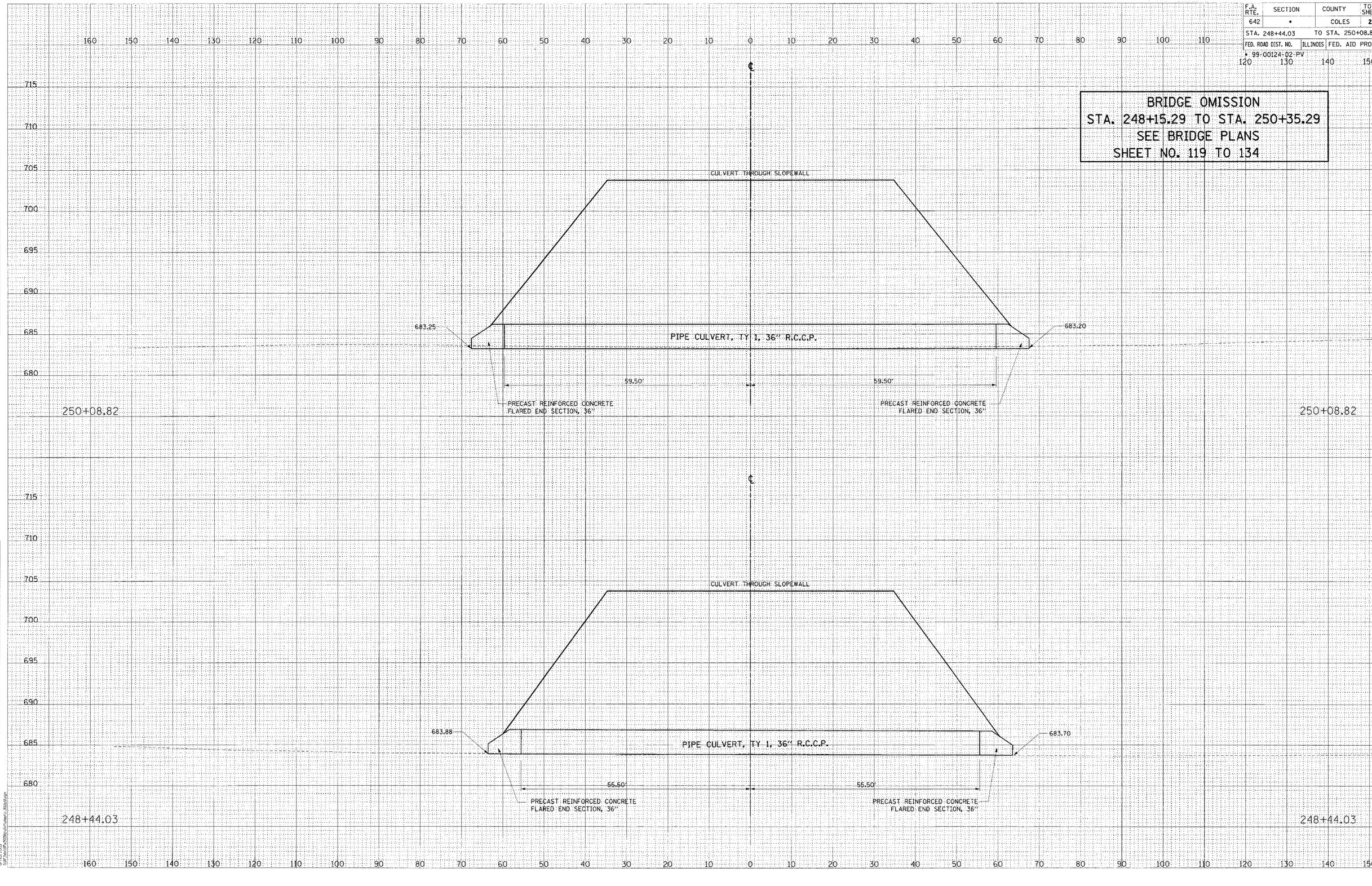
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	159

STA. 248+44.03 TO STA. 250+08.82

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

• 99-00124-02-PV



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

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

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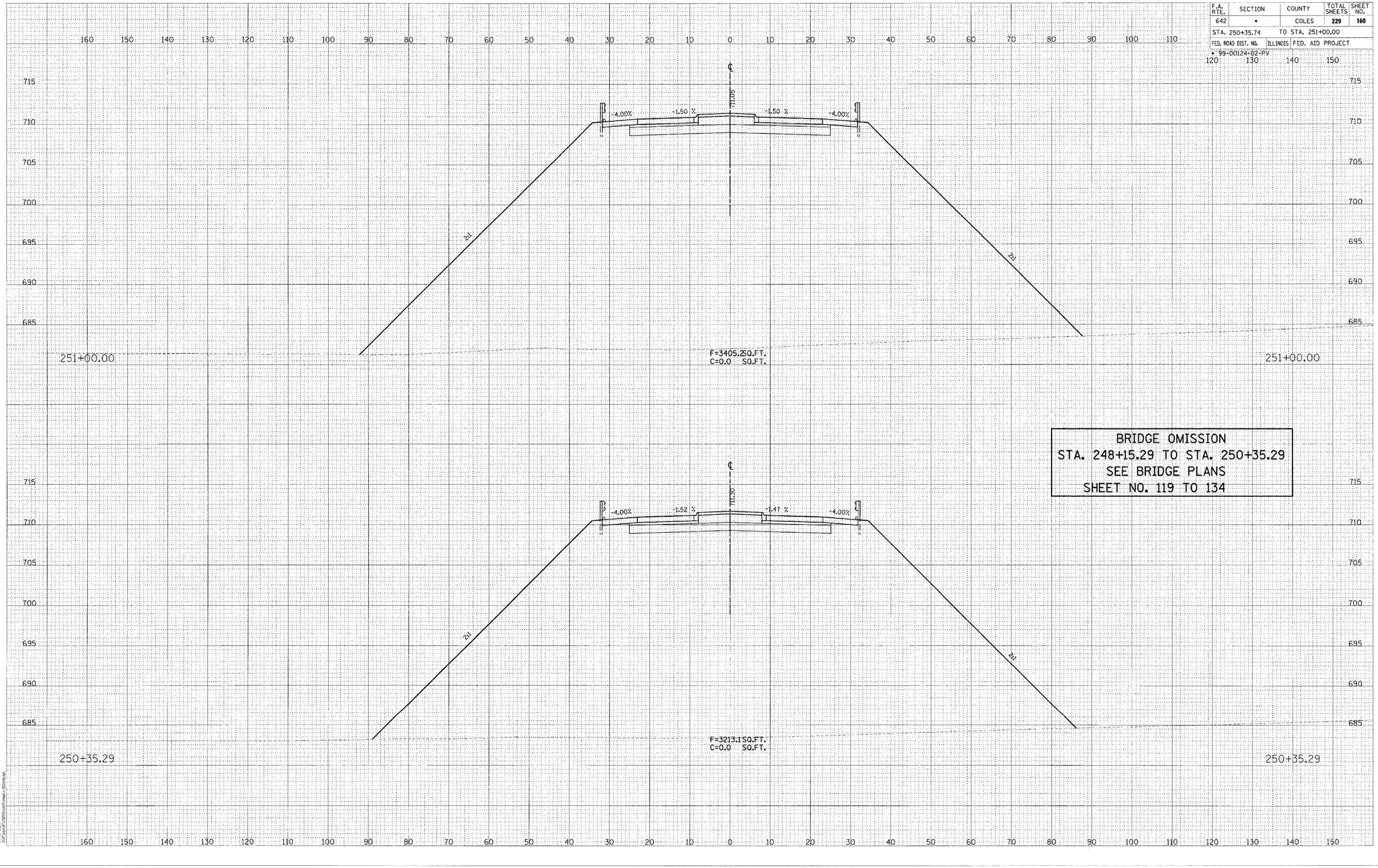
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	160

STA. 250+35.74 TO STA. 251+00.00

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

• 99-00124-02-PV



BRIDGE OMISSION
STA. 248+15.29 TO STA. 250+35.29
SEE BRIDGE PLANS
SHEET NO. 119 TO 134

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

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

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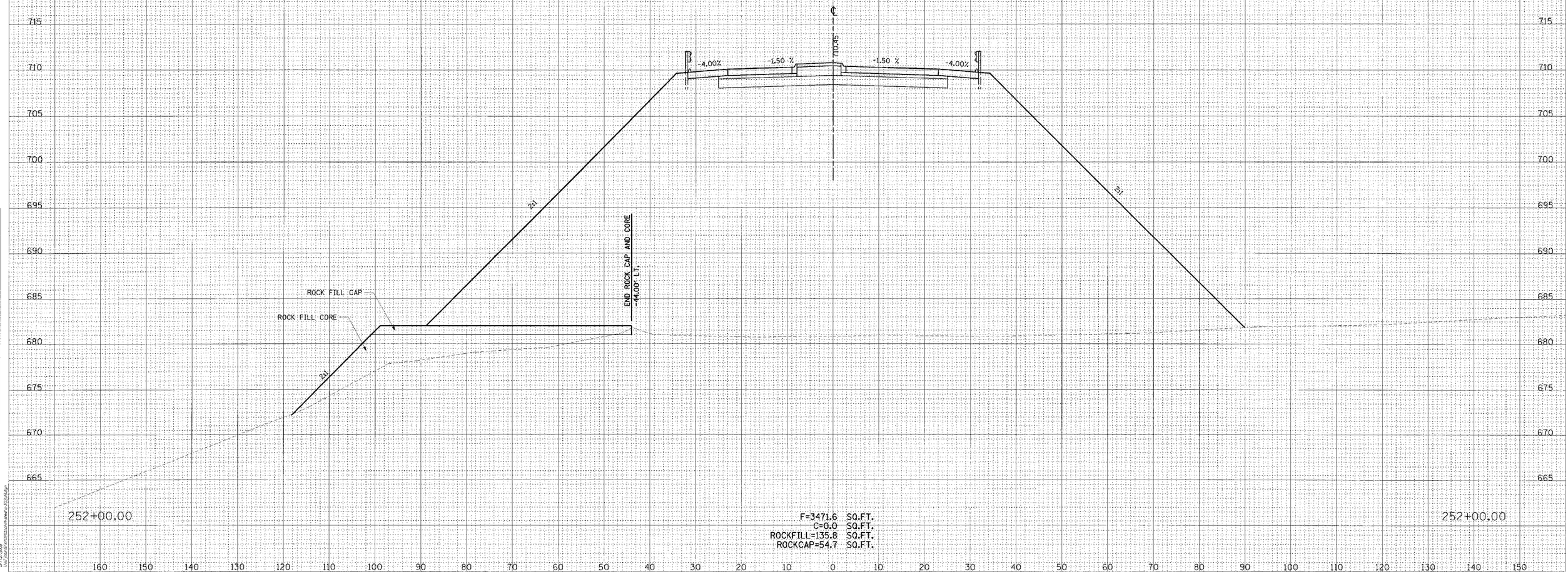
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	161
STA. 252+00.00		TO STA. 252+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				

TRANSITION SIDE SLOPES
FROM 2:1 TO 4:1 FROM
STA. 252+50 TO STA. 253+50



F=3471.6 SQ.FT.
C=0.0 SQ.FT.
ROCKFILL=135.8 SQ.FT.
ROCKCAP=54.7 SQ.FT.

CO. HWY. 18

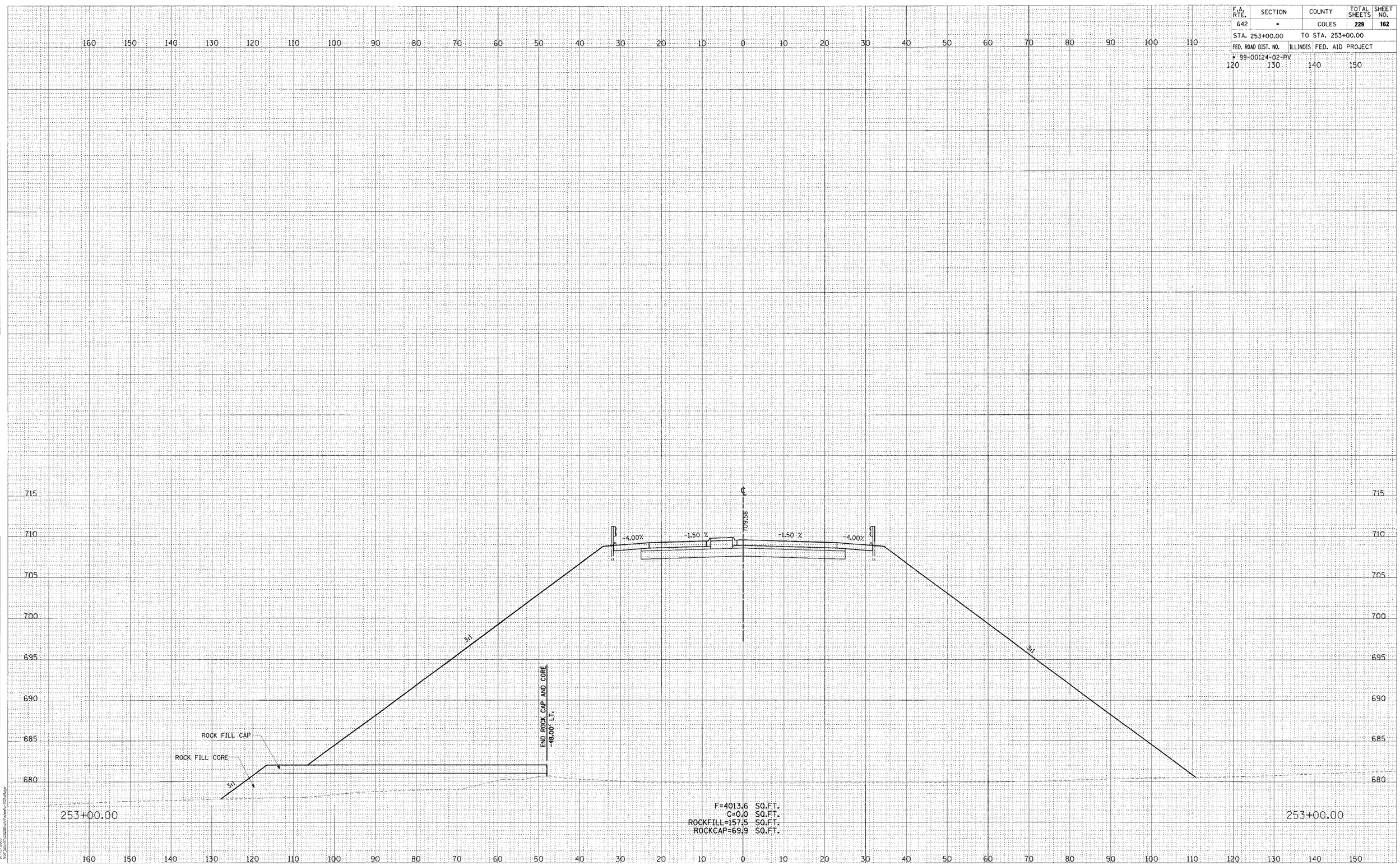
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	162

STA. 253+00.00 TO STA. 253+00.00

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

* 99-00124-02-PV



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

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

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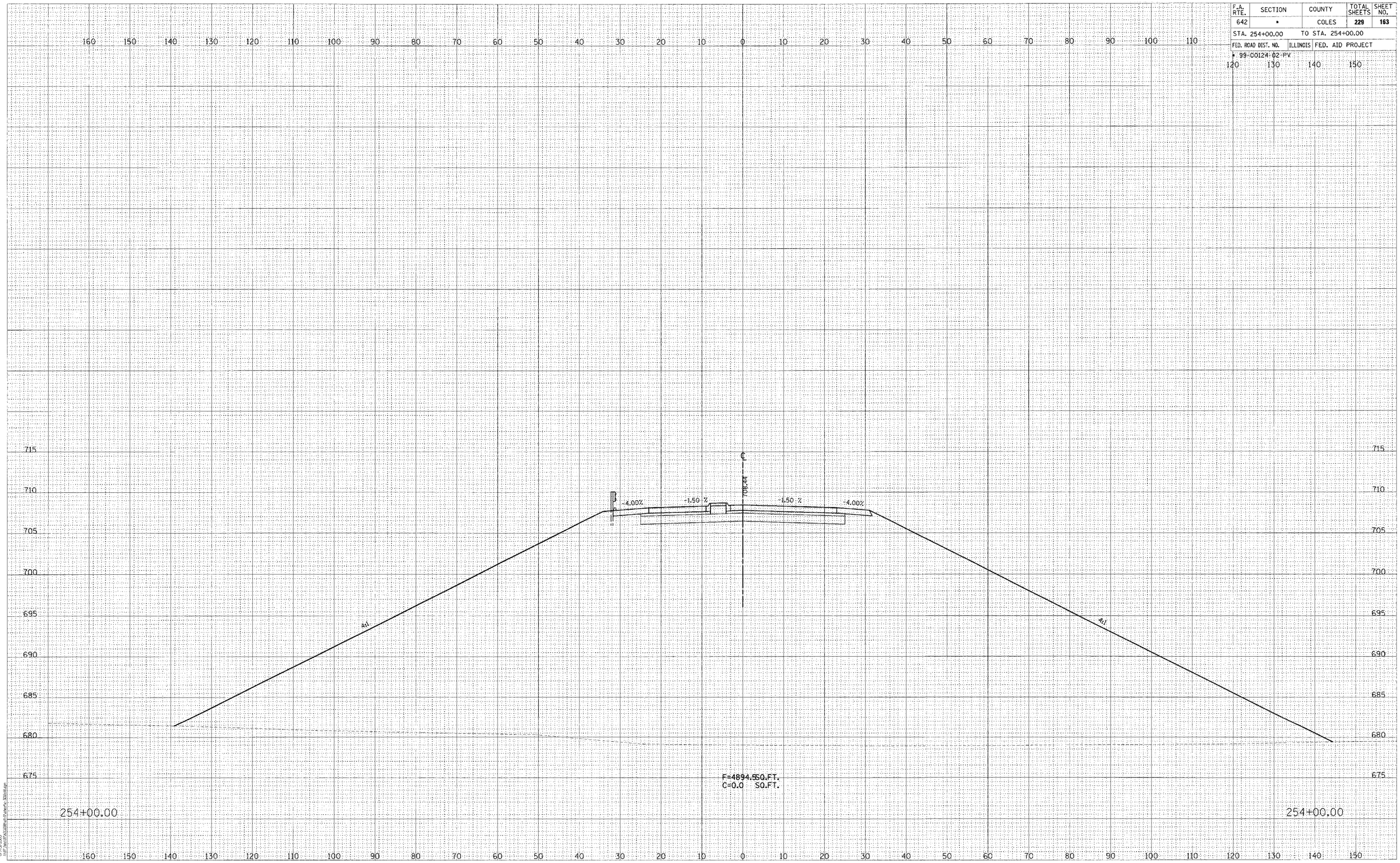
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	163

STA. 254+00.00 TO STA. 254+00.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
* 99-00124-02-PV		



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

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

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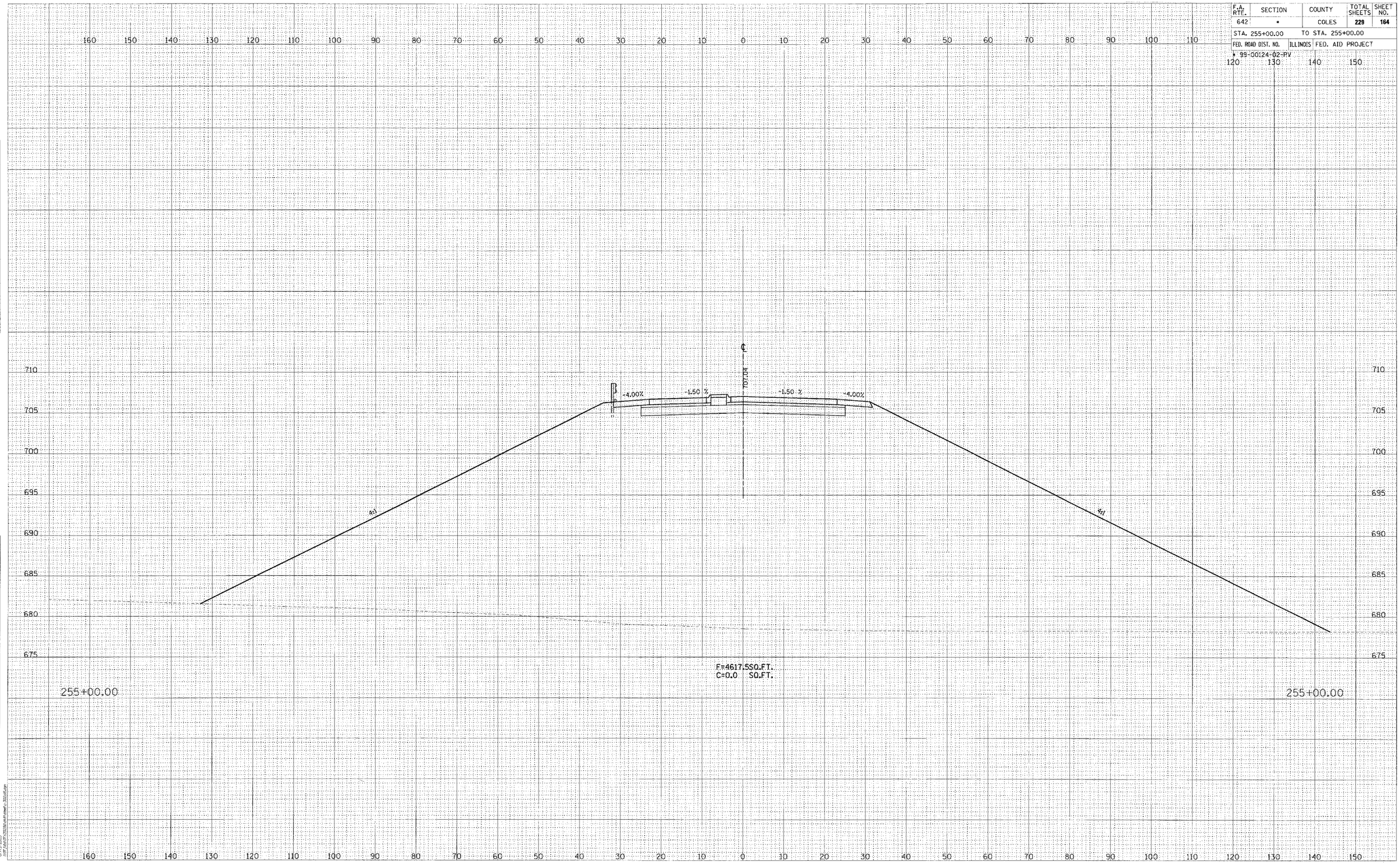
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	164

STA. 255+00.00 TO STA. 255+00.00

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

• 99-00124-02-RV



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

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

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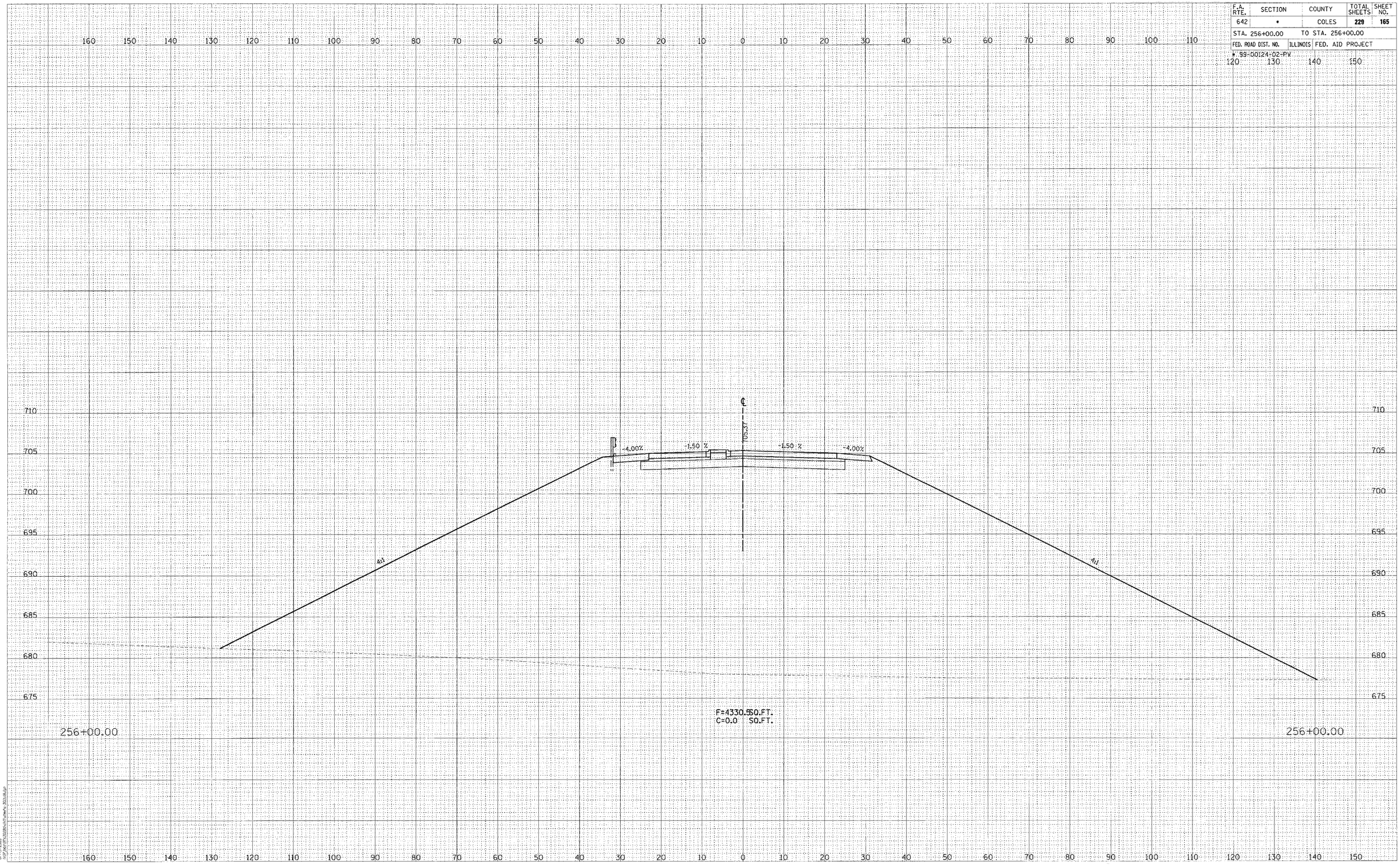
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	165

STA. 256+00.00 TO STA. 256+00.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
• 99-00124-02-PV		



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

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

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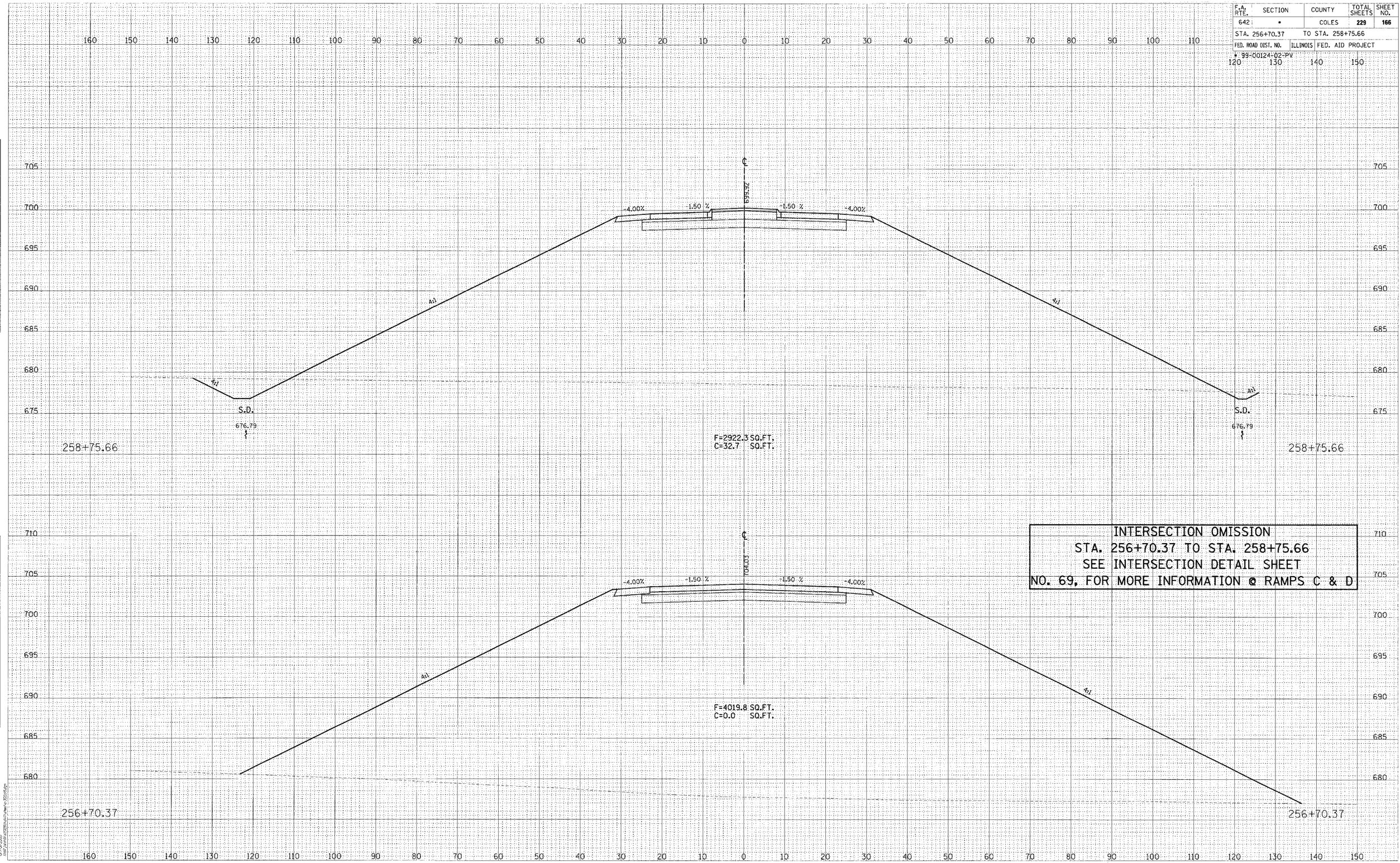
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	166

STA. 256+70.37 TO STA. 258+75.66

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
• 99-00124-02-PV		



INTERSECTION OMISSION
STA. 256+70.37 TO STA. 258+75.66
SEE INTERSECTION DETAIL SHEET
NO. 69, FOR MORE INFORMATION @ RAMPS C & D

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

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

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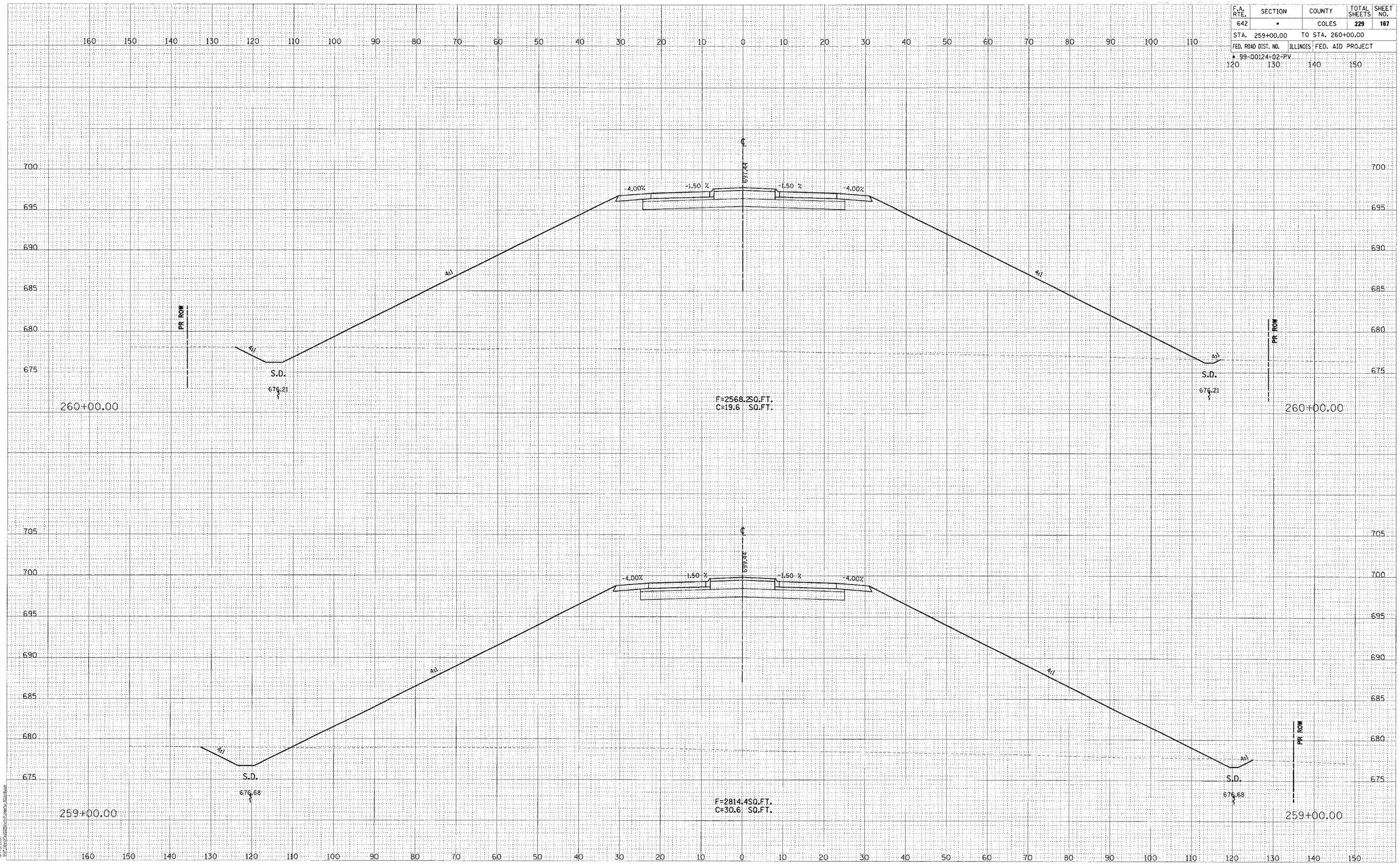
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	167
STA. 259+00.00		TO STA. 260+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 99-00124-02-PV



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

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

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07/12/2005

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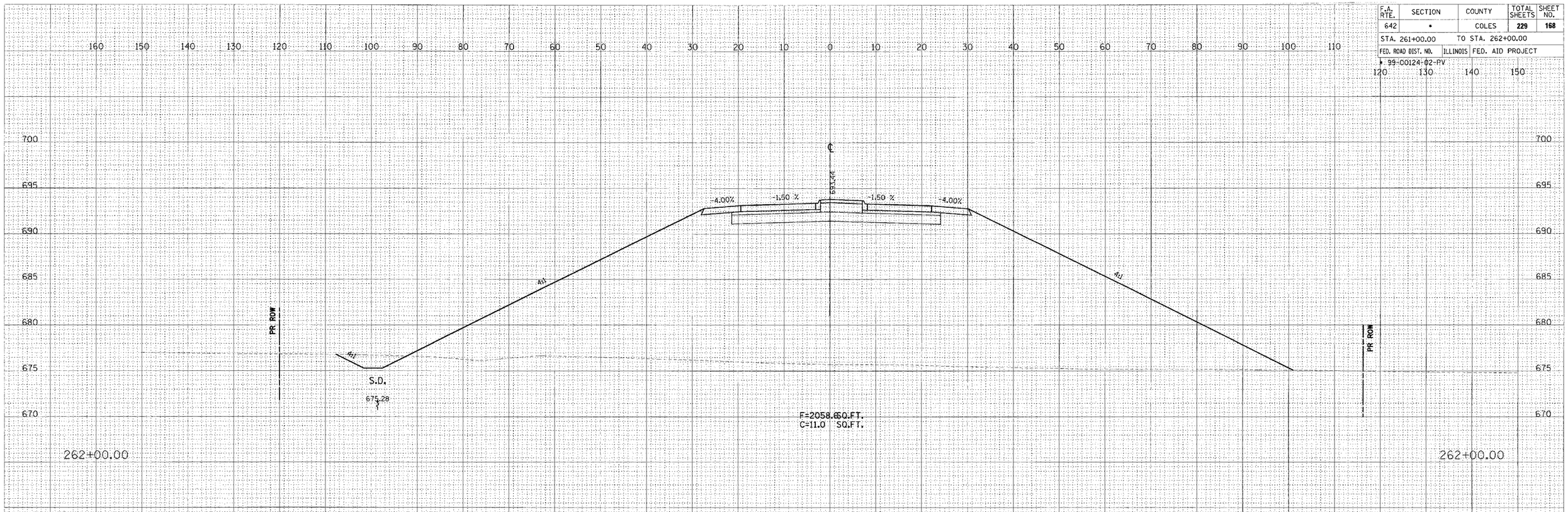
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	168

STA. 261+00.00 TO STA. 262+00.00

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

* 99-00124-02-PV



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

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

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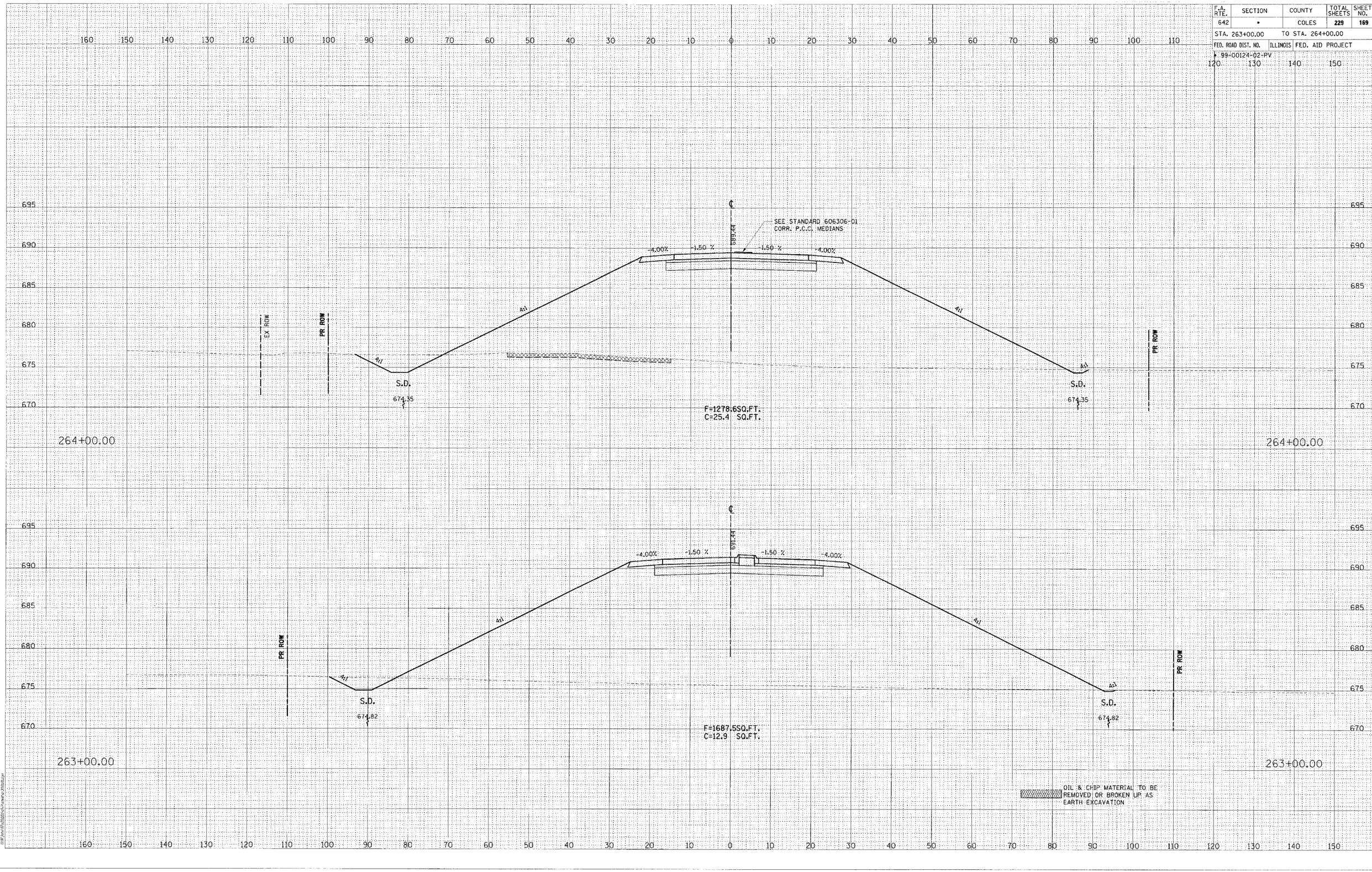
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	169

STA. 263+00.00 TO STA. 264+00.00

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

• 99-00124-02-PV



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

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

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CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	170
STA. 264+89.80		TO STA. 265+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				

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

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

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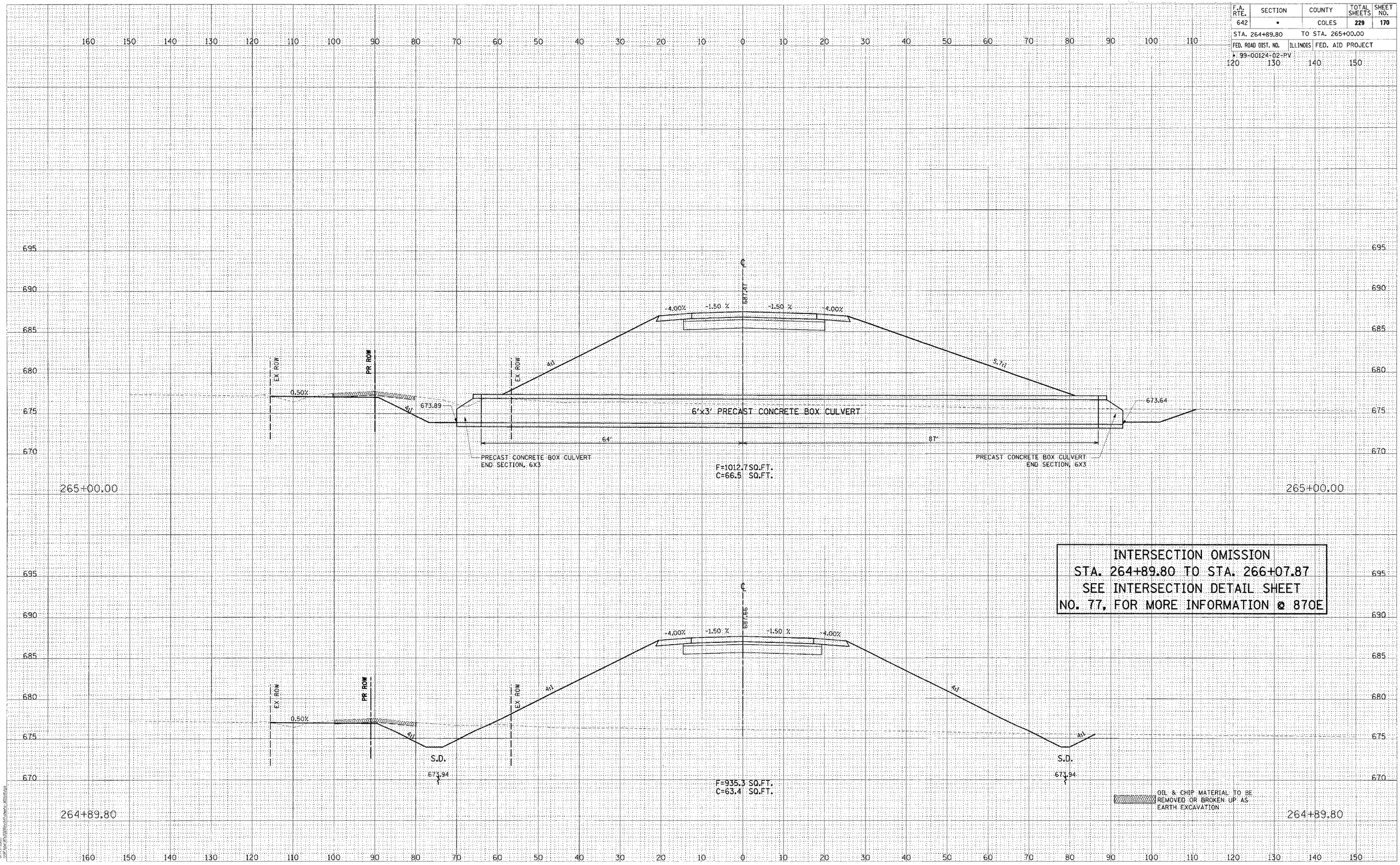

INTERSECTION OMISSION
STA. 264+89.80 TO STA. 266+07.87
SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 870E

07-11-2005
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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

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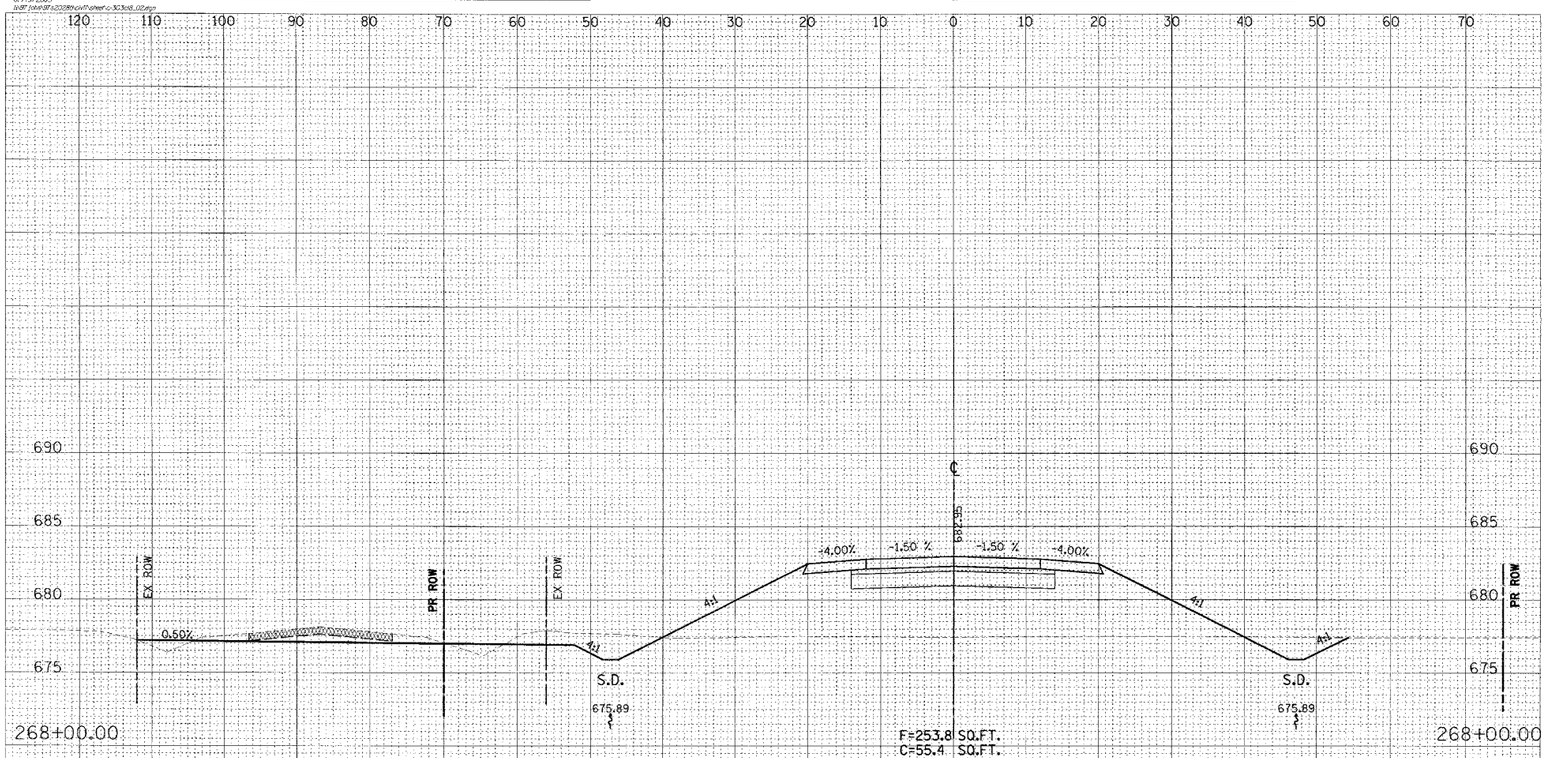

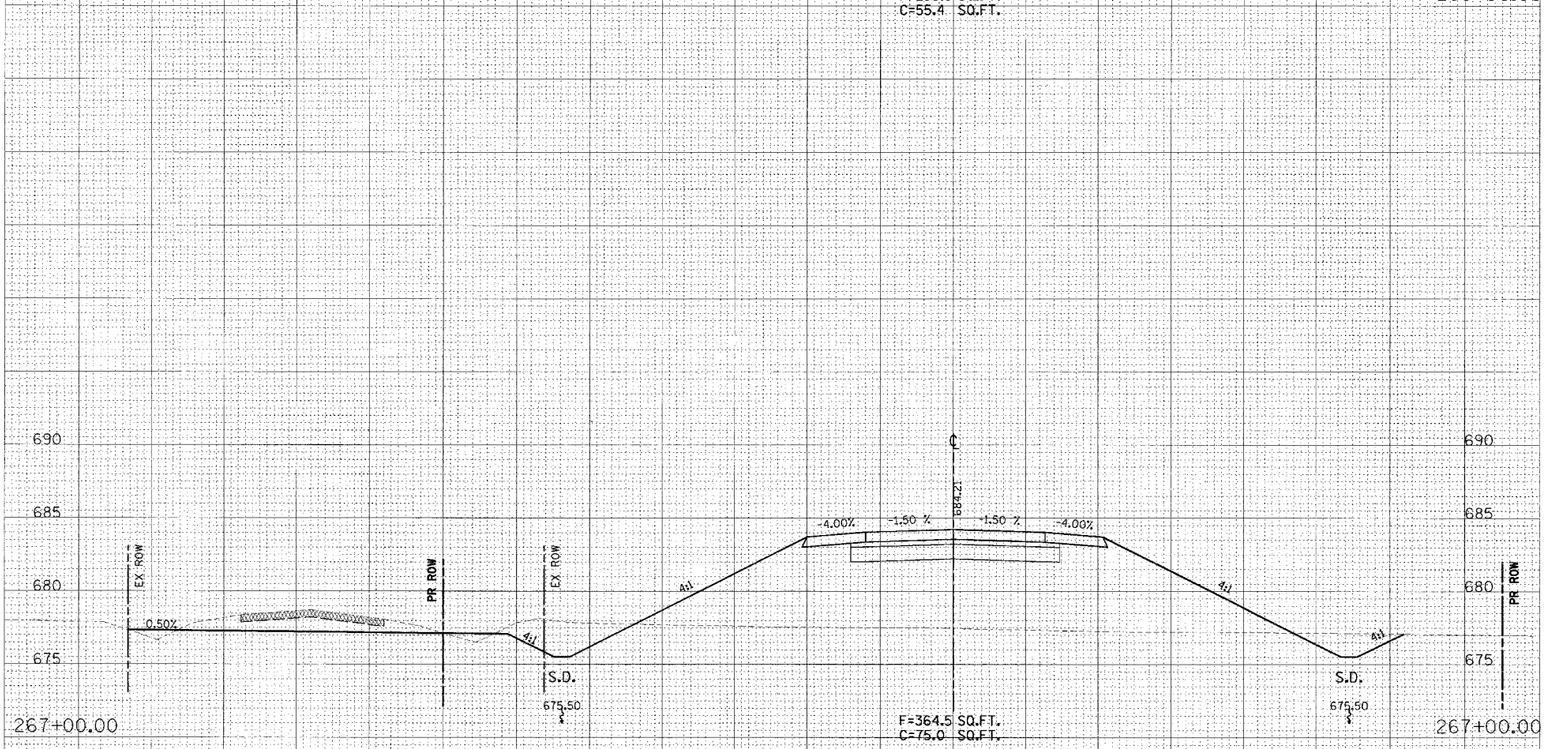

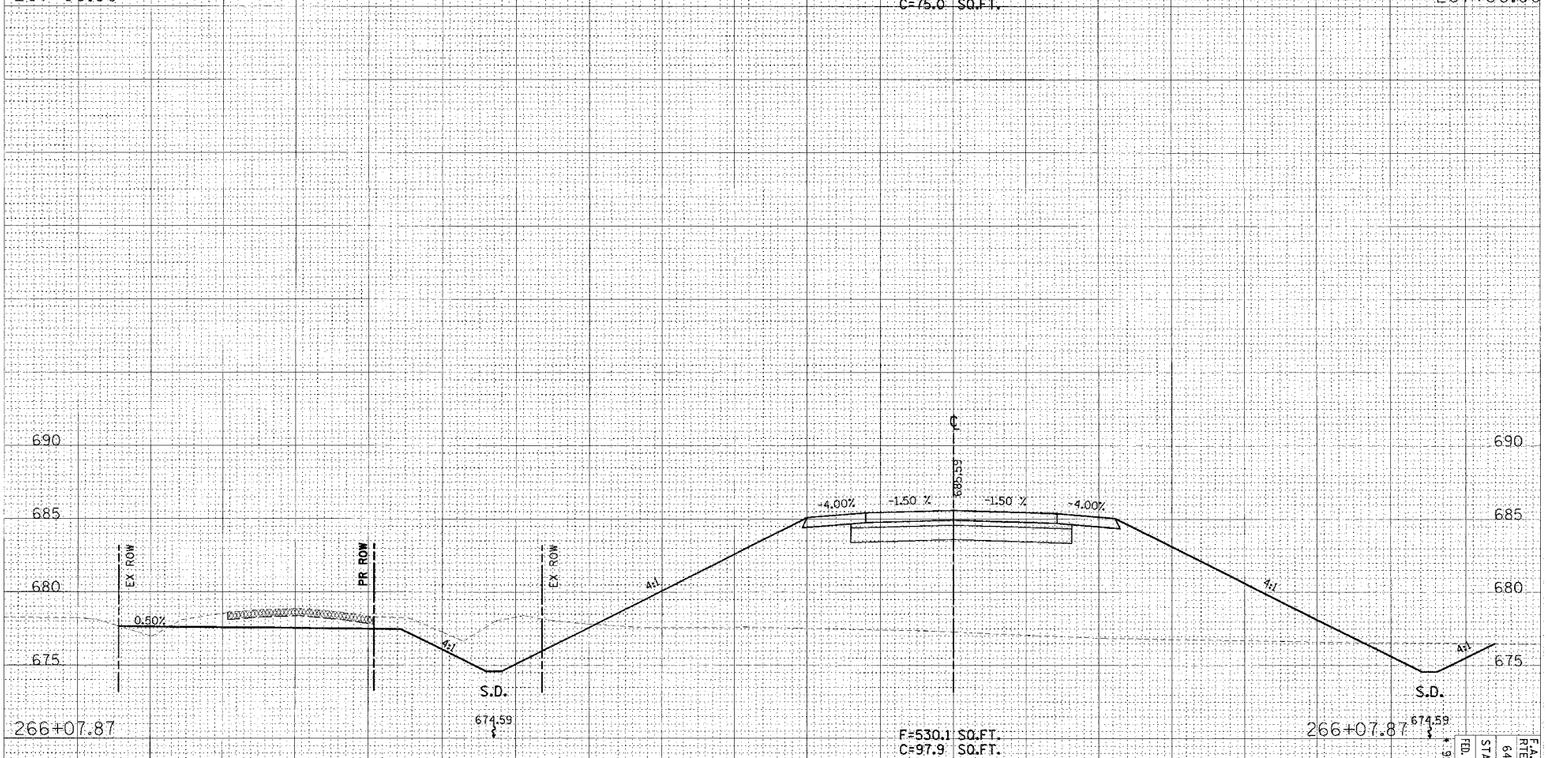

INTERSECTION OMISSION
STA. 264+89.80 TO STA. 266+07.87
SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 870E

OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	228	171

STA. 266+07.87 TO STA. 268+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

CO. HWY. 18

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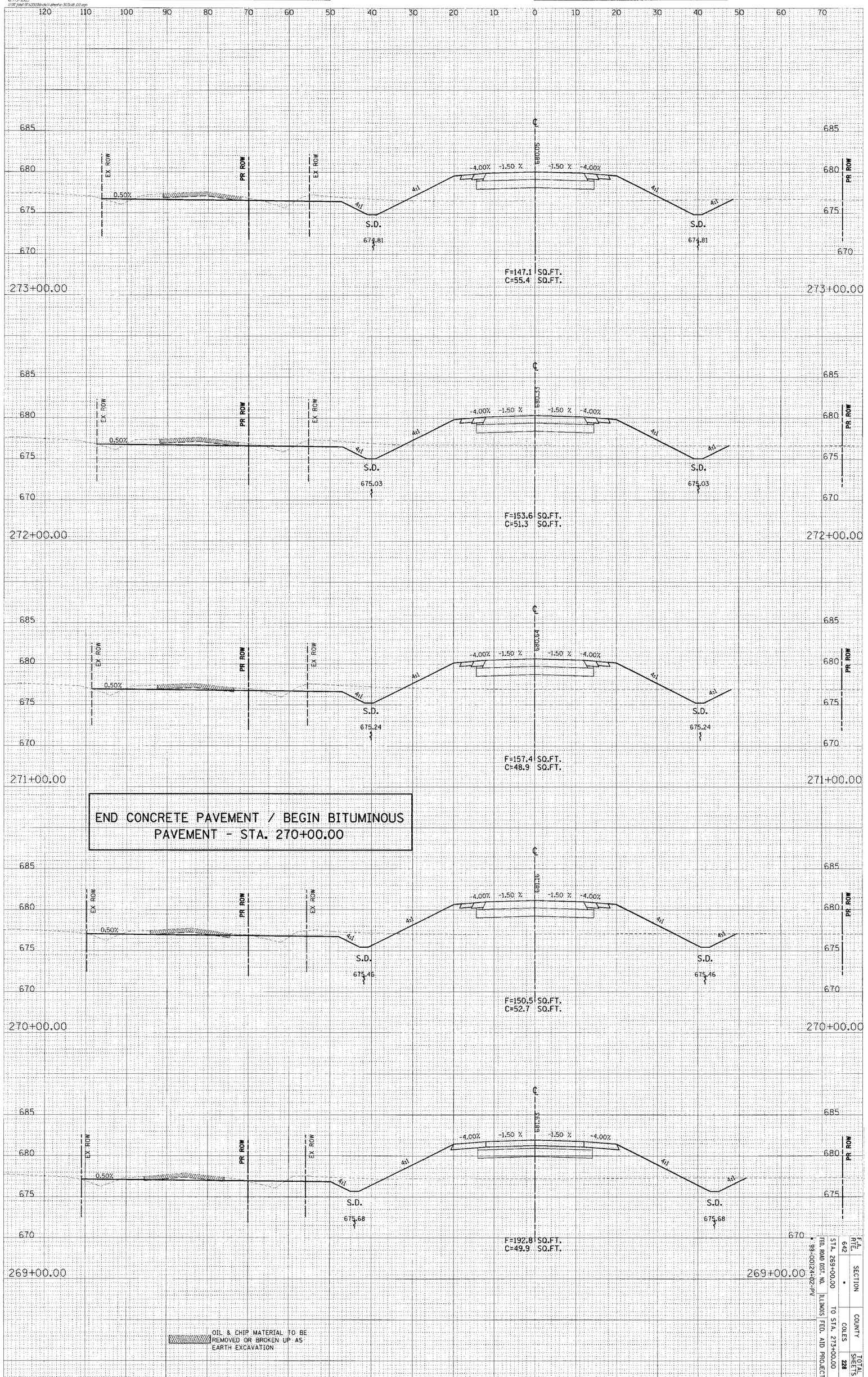
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	228	172

STA. 269+00.00 TO STA. 273+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

CO. HWY. 18

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

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

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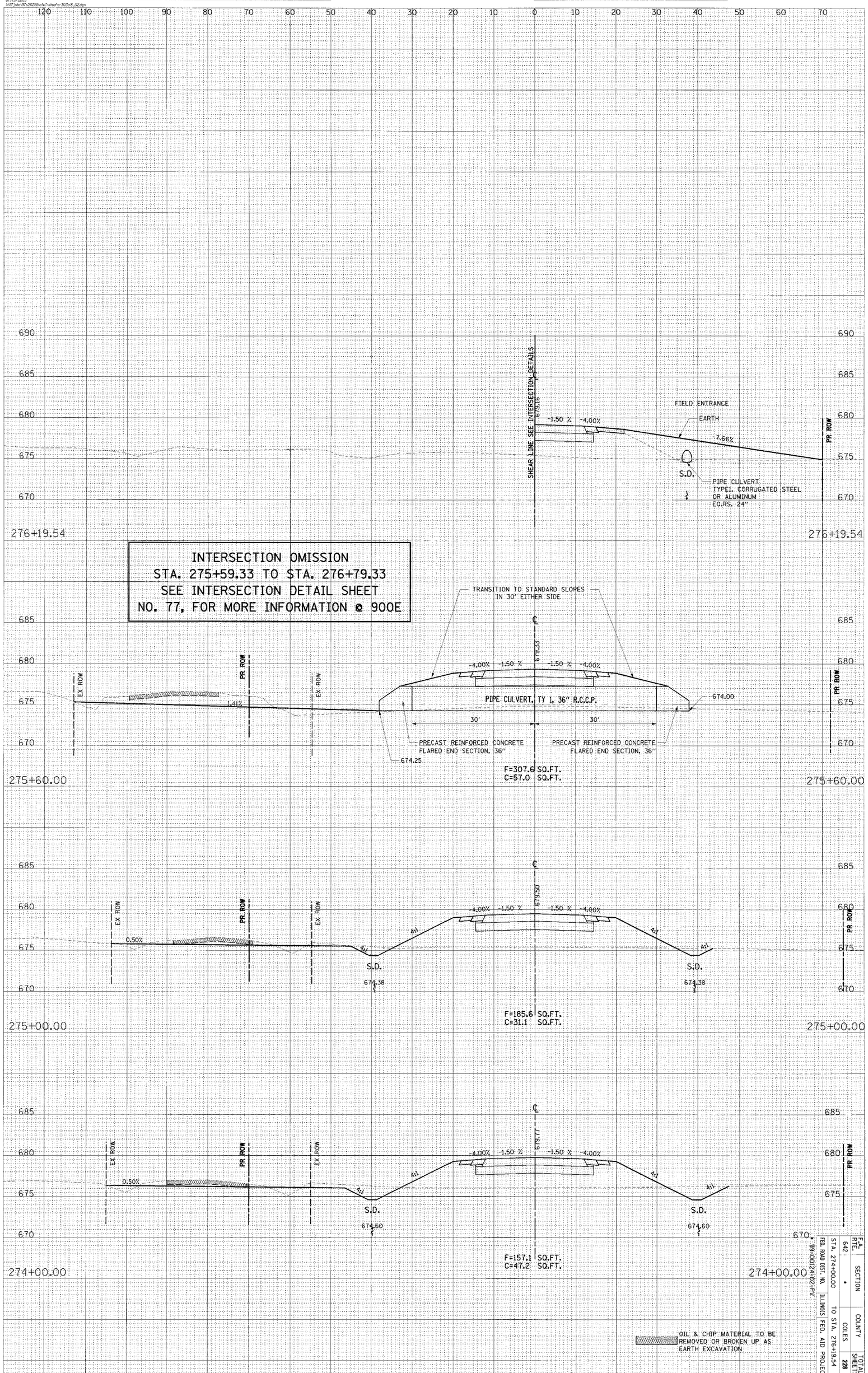

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	228	173

FED. ROAD DIST. NO. * 99-00124-02-PV | STA. 274+00.00 TO STA. 276+19.54 | ILLINOIS FED. AID PROJECT

CO. HWY. 18

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

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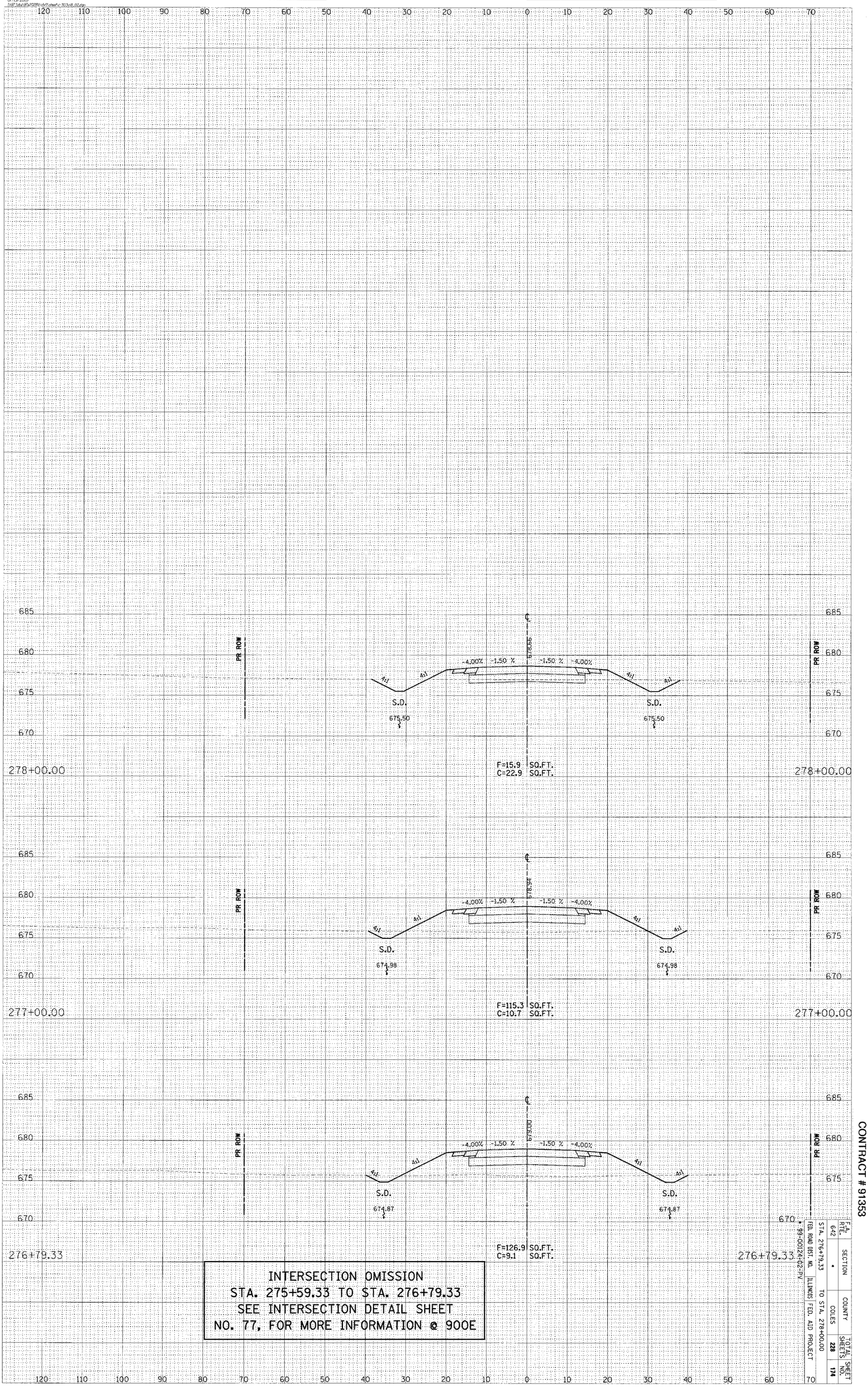
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



INTERSECTION OMISSION
STA. 275+59.33 TO STA. 276+79.33
SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 900E

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	228	174

STA. 276+79.33 TO STA. 278+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

CO. HWY. 18

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

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

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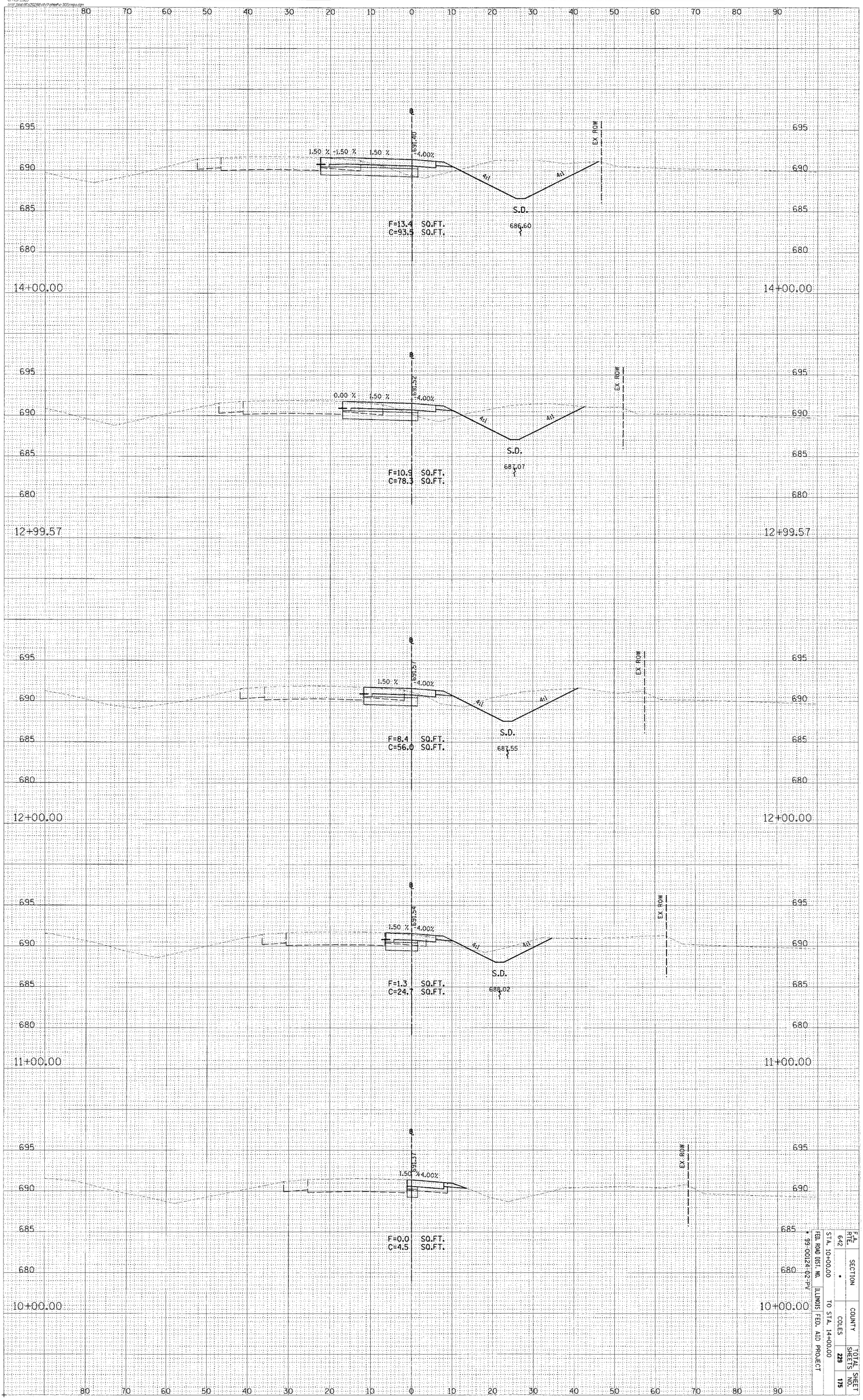

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	175

STA. 10+00.00 TO STA. 14+00.00

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

* 99-00124-02-PV

RAMP A

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

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

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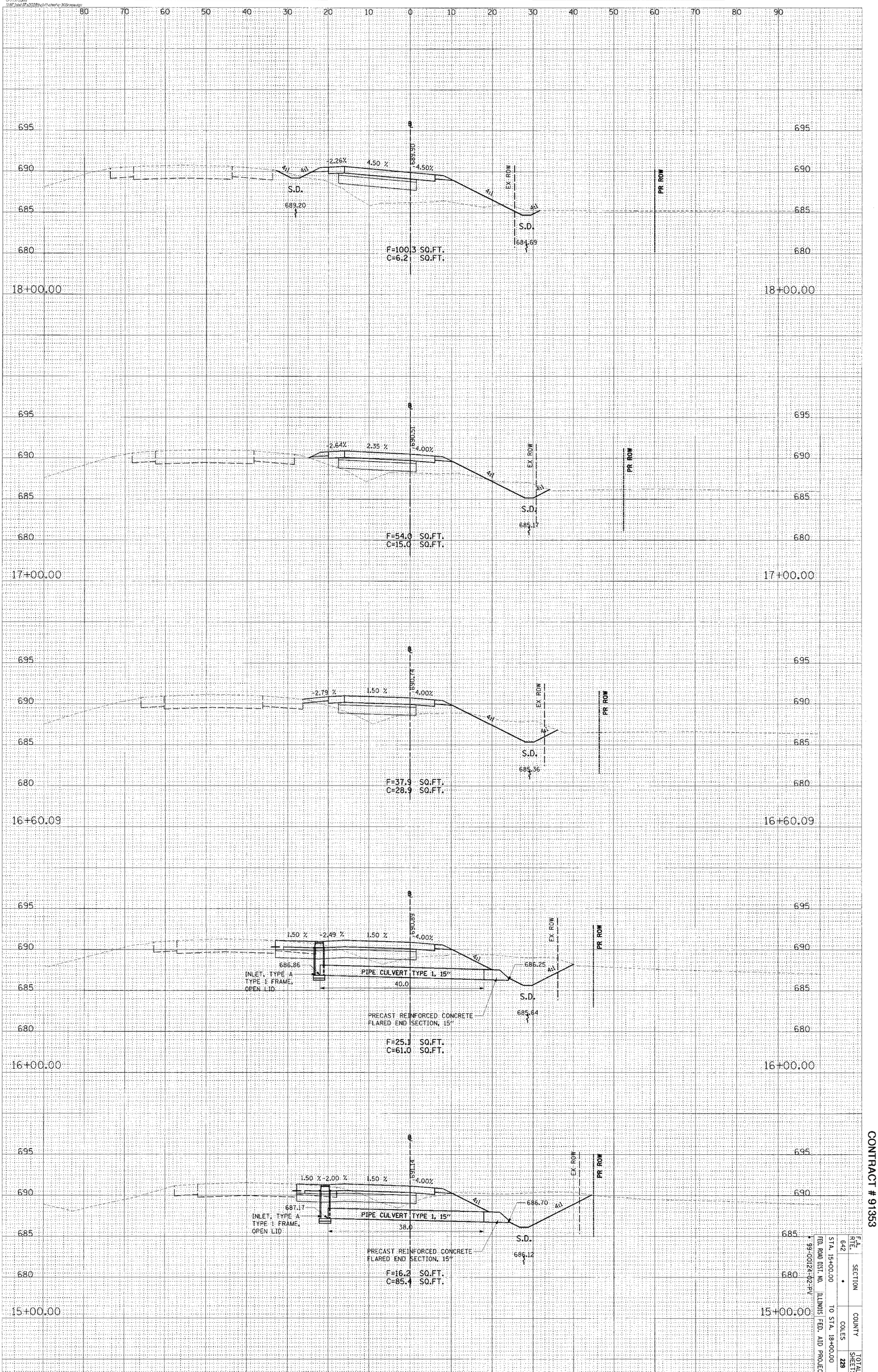


CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	176
FED. ROAD DIST NO.	STA. 15+00.00	TO STA. 18+00.00		
ILLINOIS	FED. AID PROJECT			

• 99-00024-02-PV

RAMP A

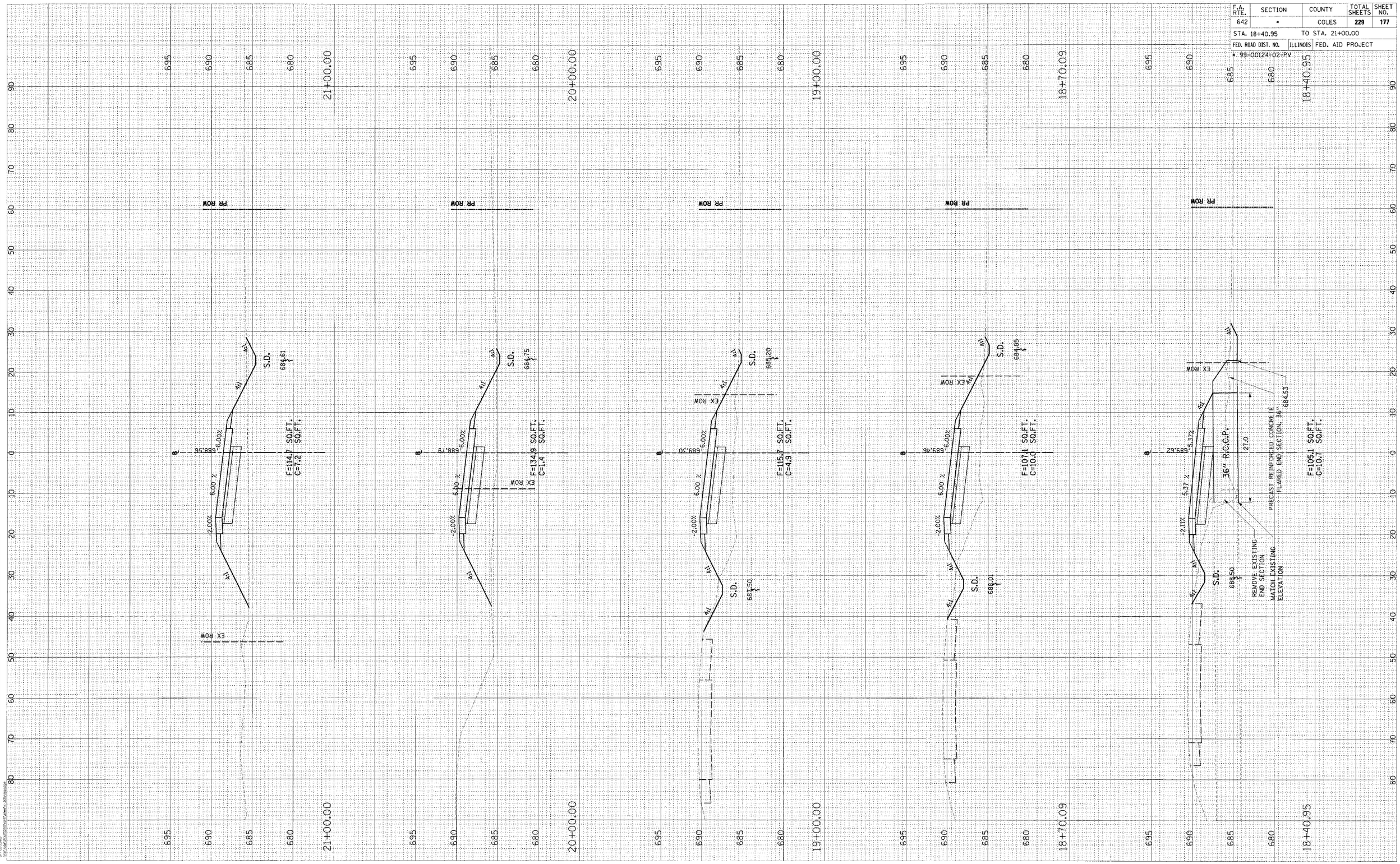
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	177

STA. 18+40.95 TO STA. 21+00.00

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

* 99-00124-02-PV



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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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

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

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

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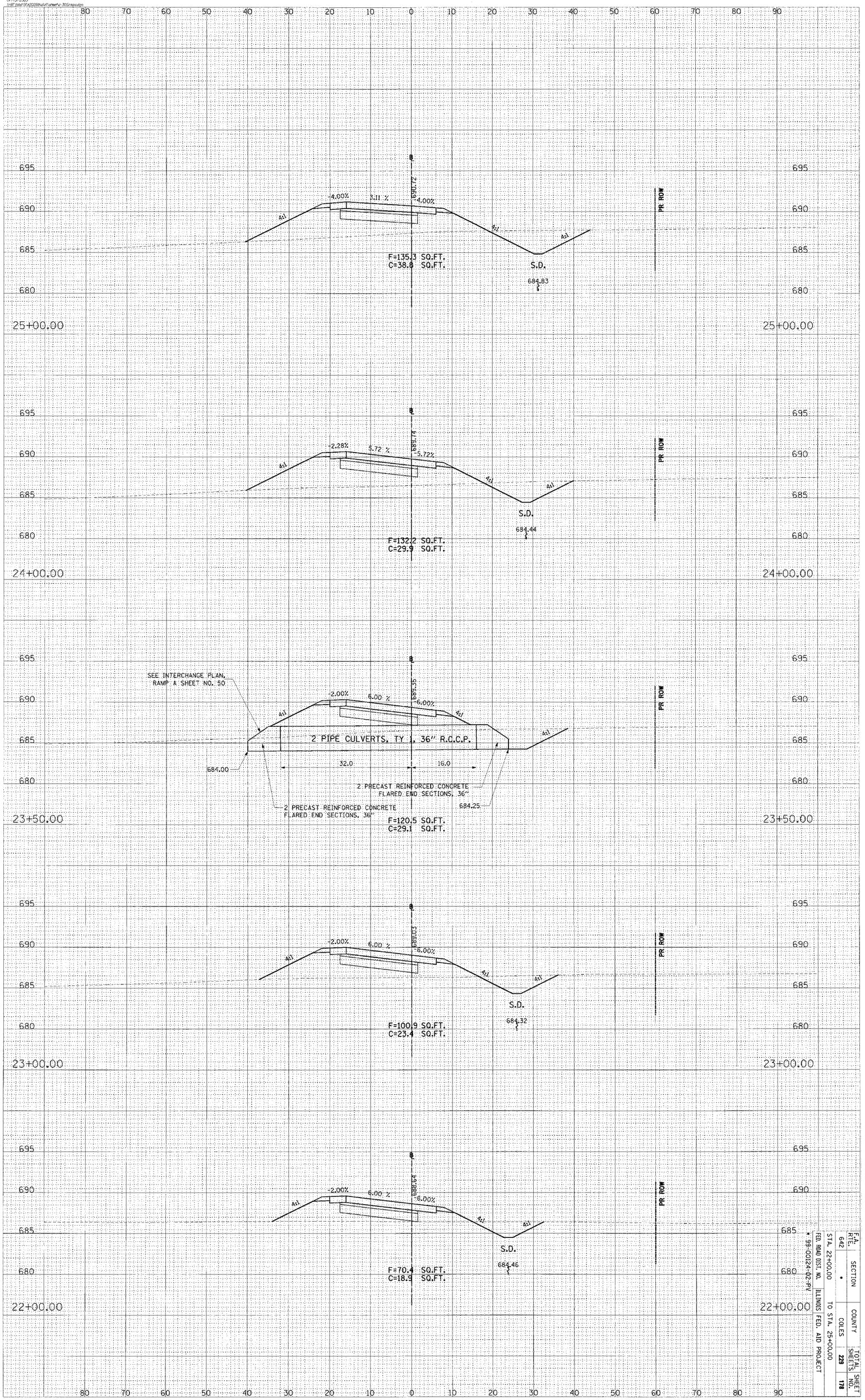

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	178

STA. 22+00.00 TO STA. 25+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

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

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

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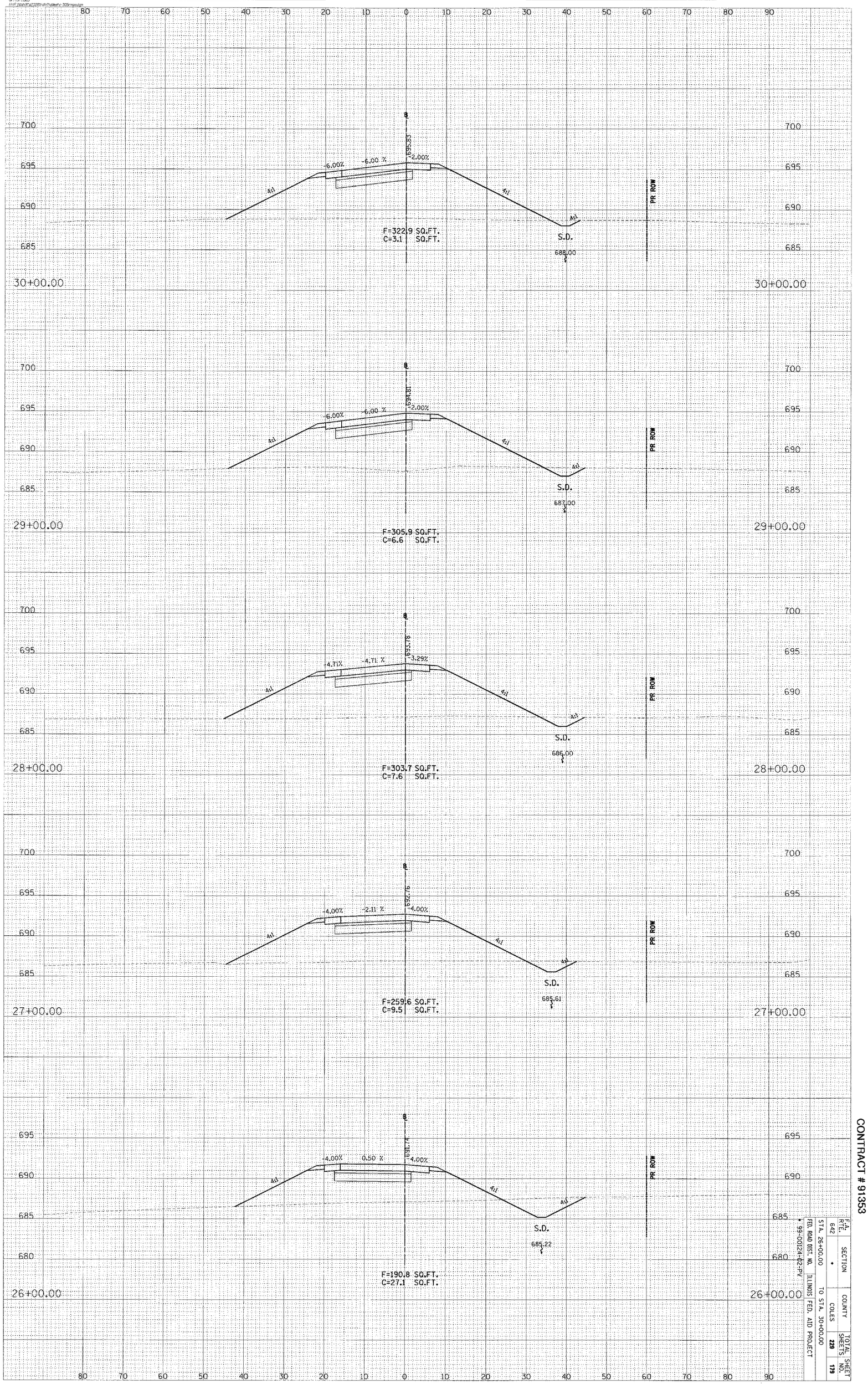

CONTRACT # 91353

F.A.P. RTE. 642	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 26+00.00	*	COLES	228	119
TO STA. 30+00.00				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

* 99-00124-02-PV

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

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

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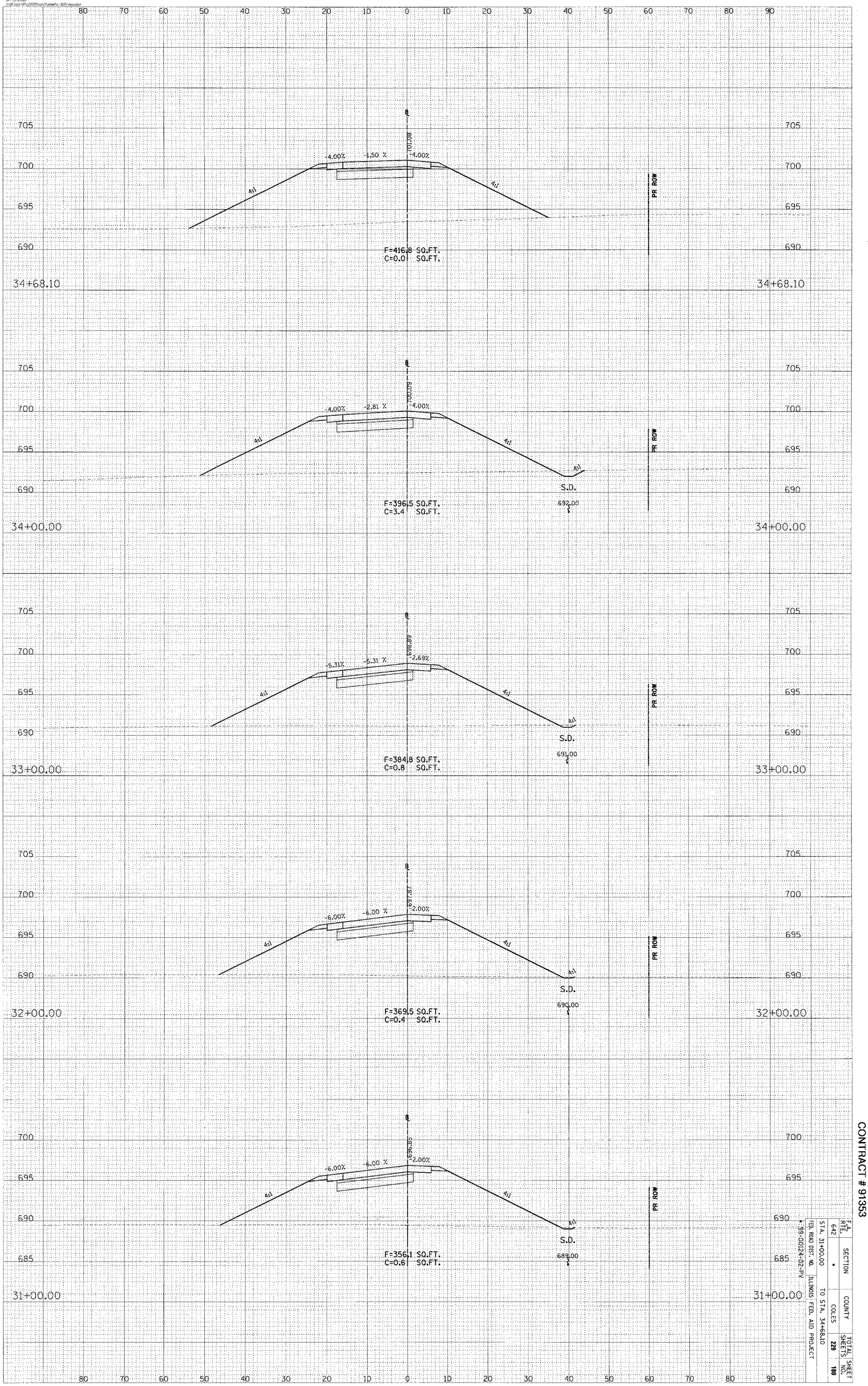

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	180

STA. 31+00.00 TO STA. 34+68.10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

RAMP A

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

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

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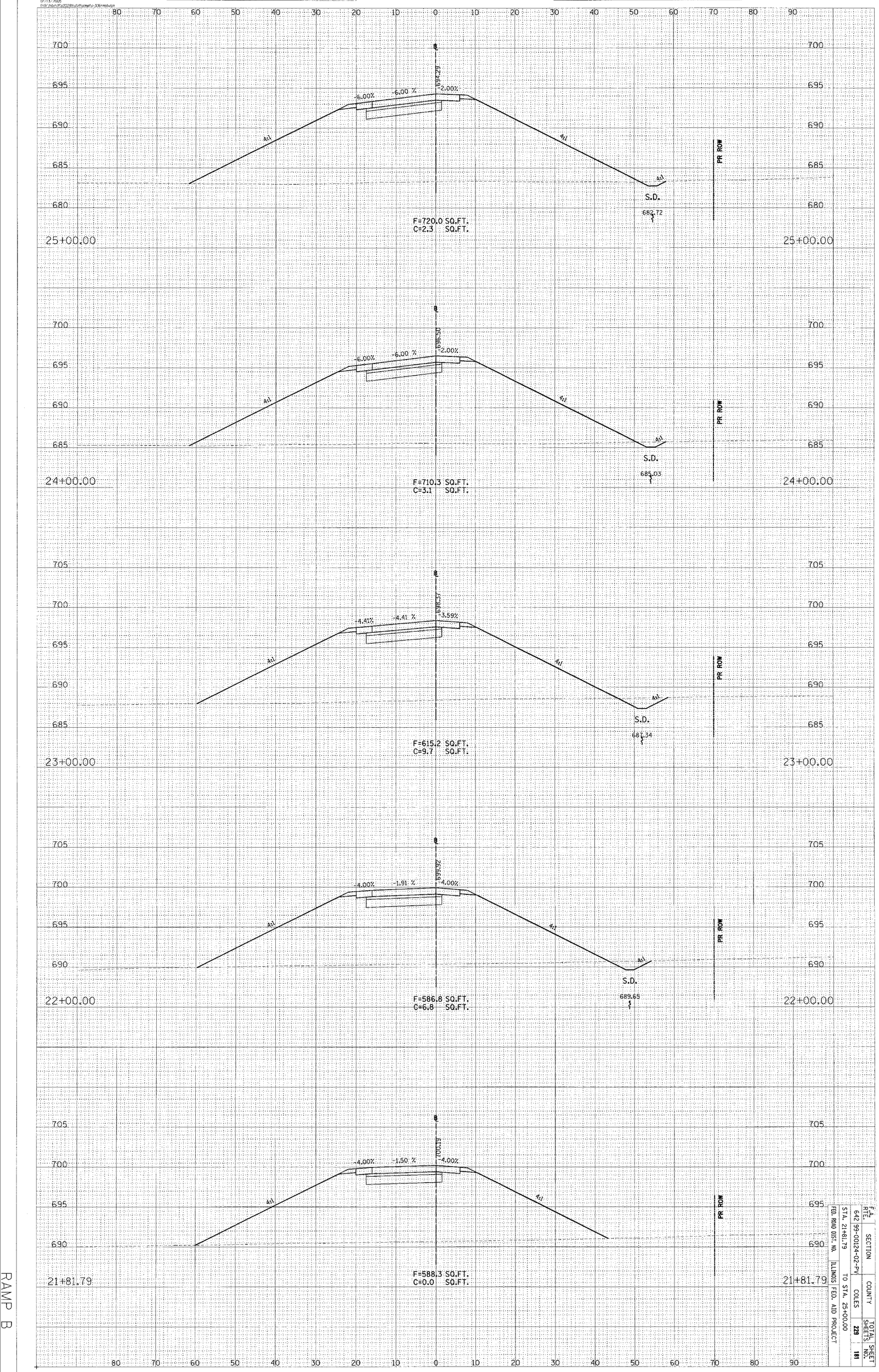

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	181
STA. 21+81.79		TO STA. 25+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RAMP B

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

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

07/18/2005
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STA. 33+00.00 RAMP B
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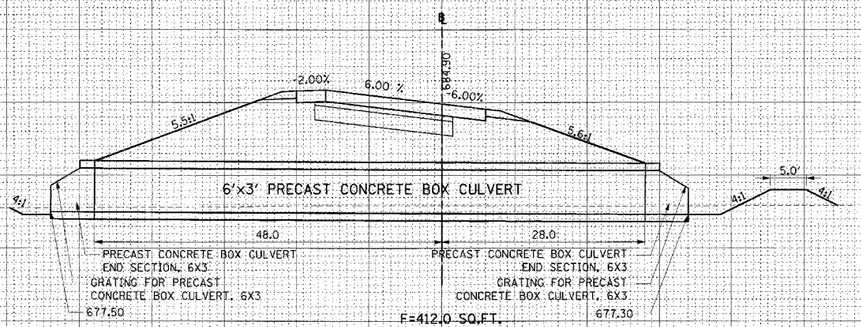

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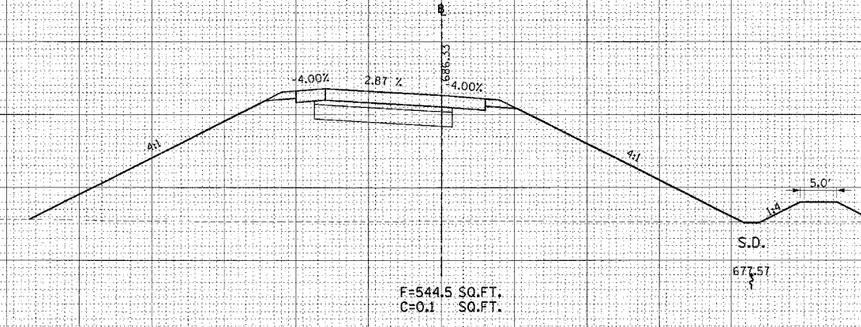

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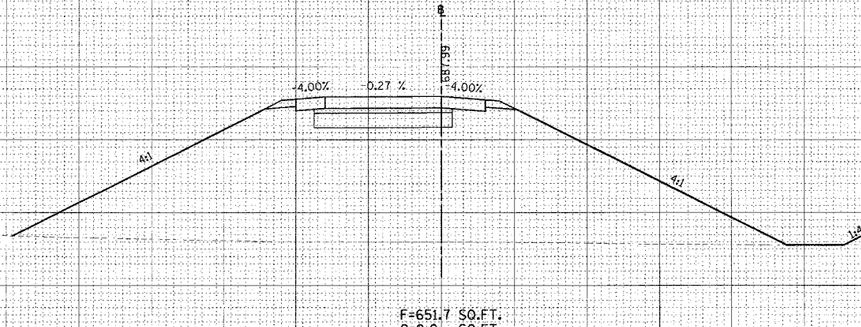

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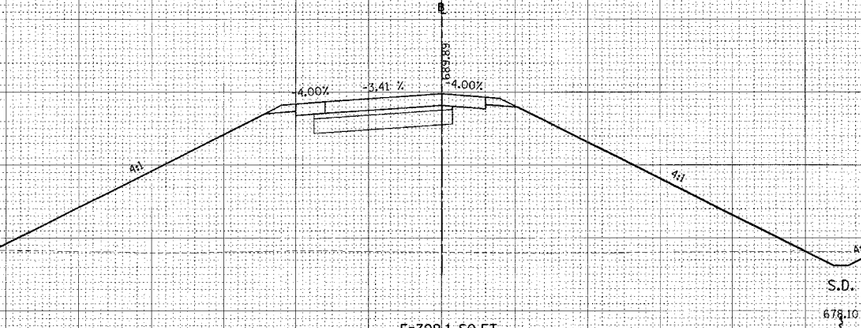

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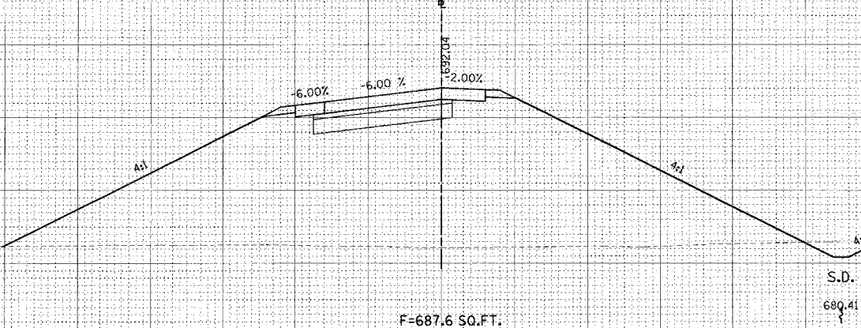

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	223	182

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

STA. 26+00.00 TO STA. 30+00.00

CONTRACT # 91353

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

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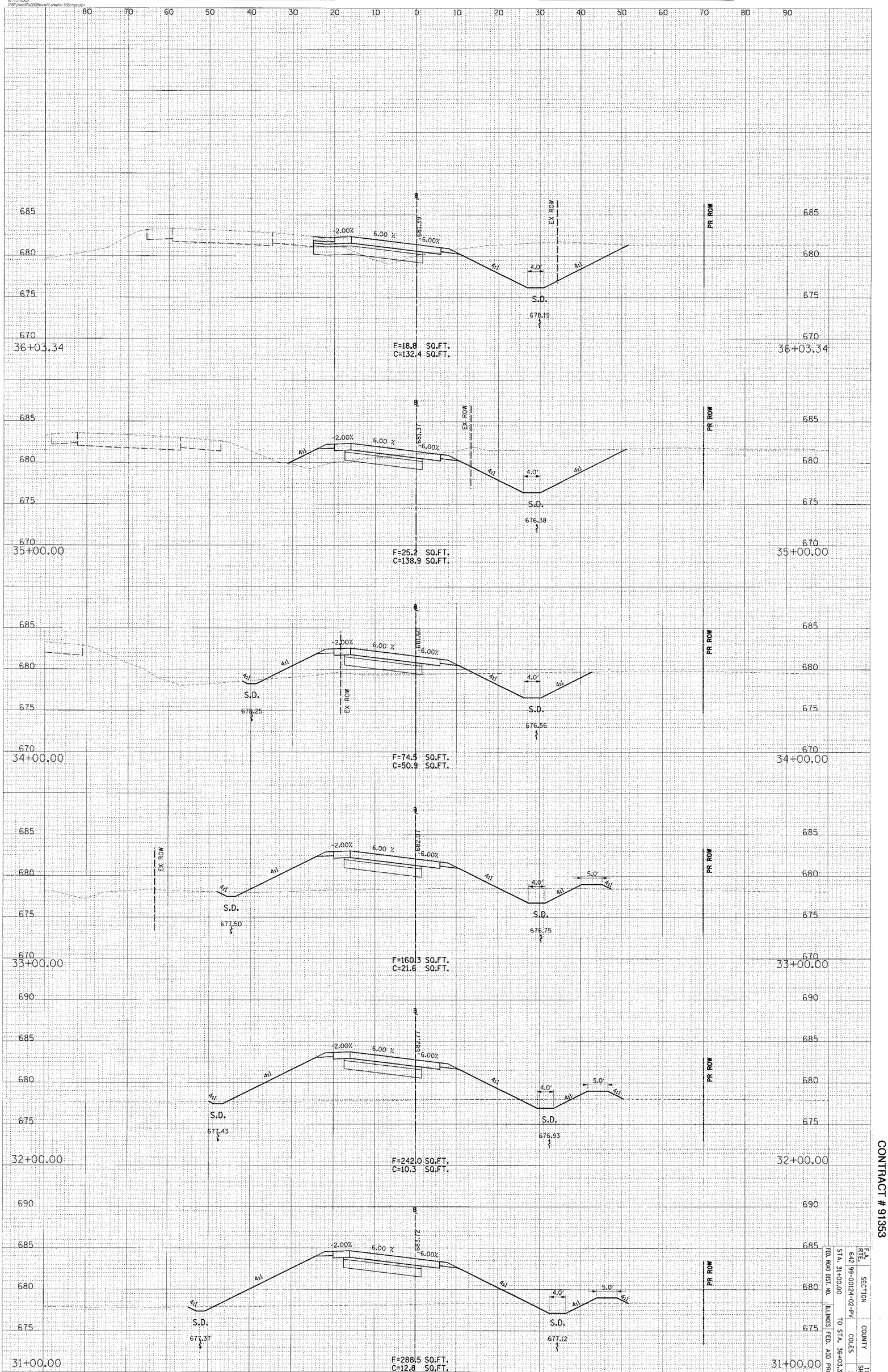
	AREAS		
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	183

STA. 31+00.00 TO STA. 36+03.34

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

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

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FINAL SURVEY		BY	DATE
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	AREAS		
NO.	AREAS CHECKED		

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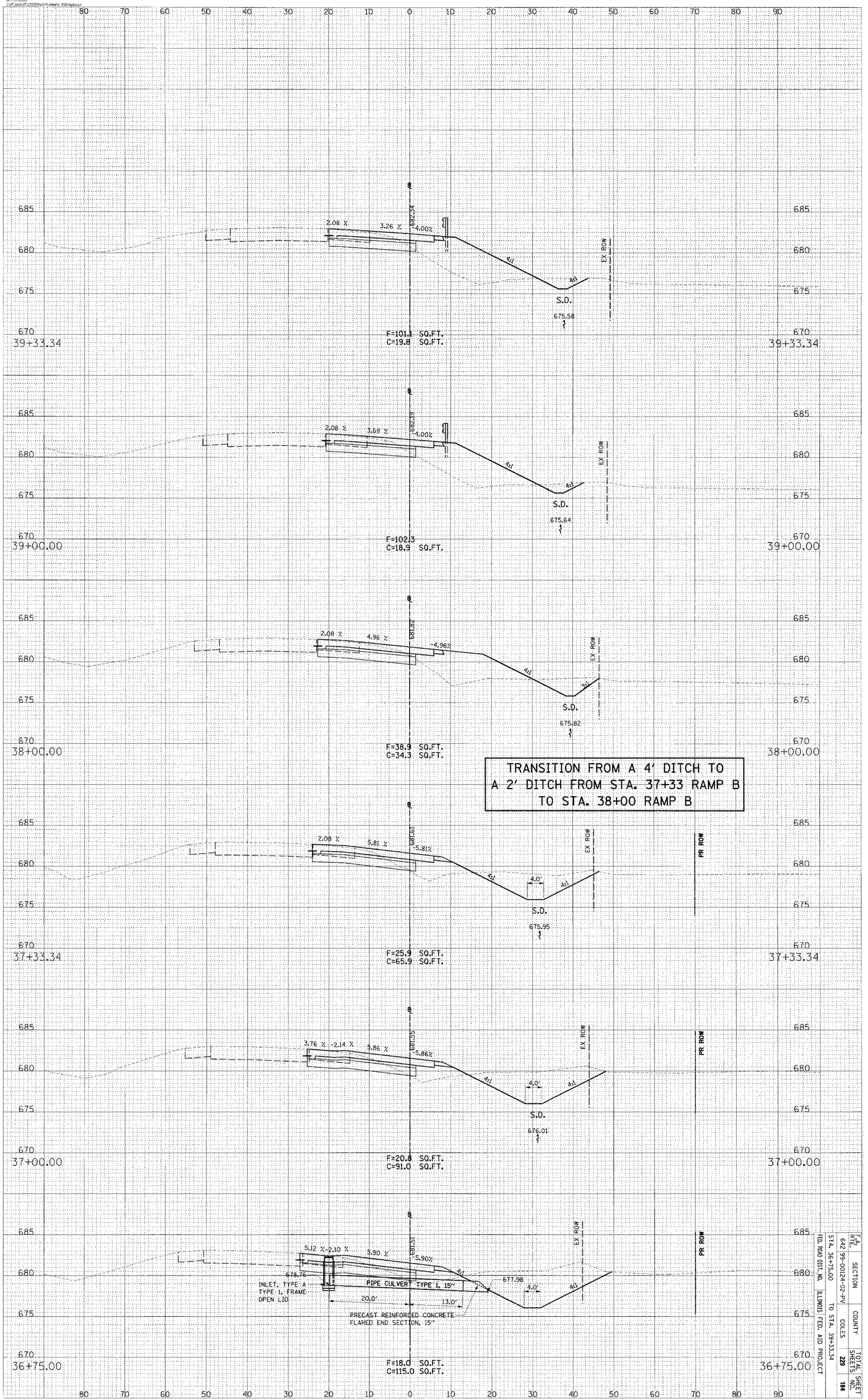


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	184

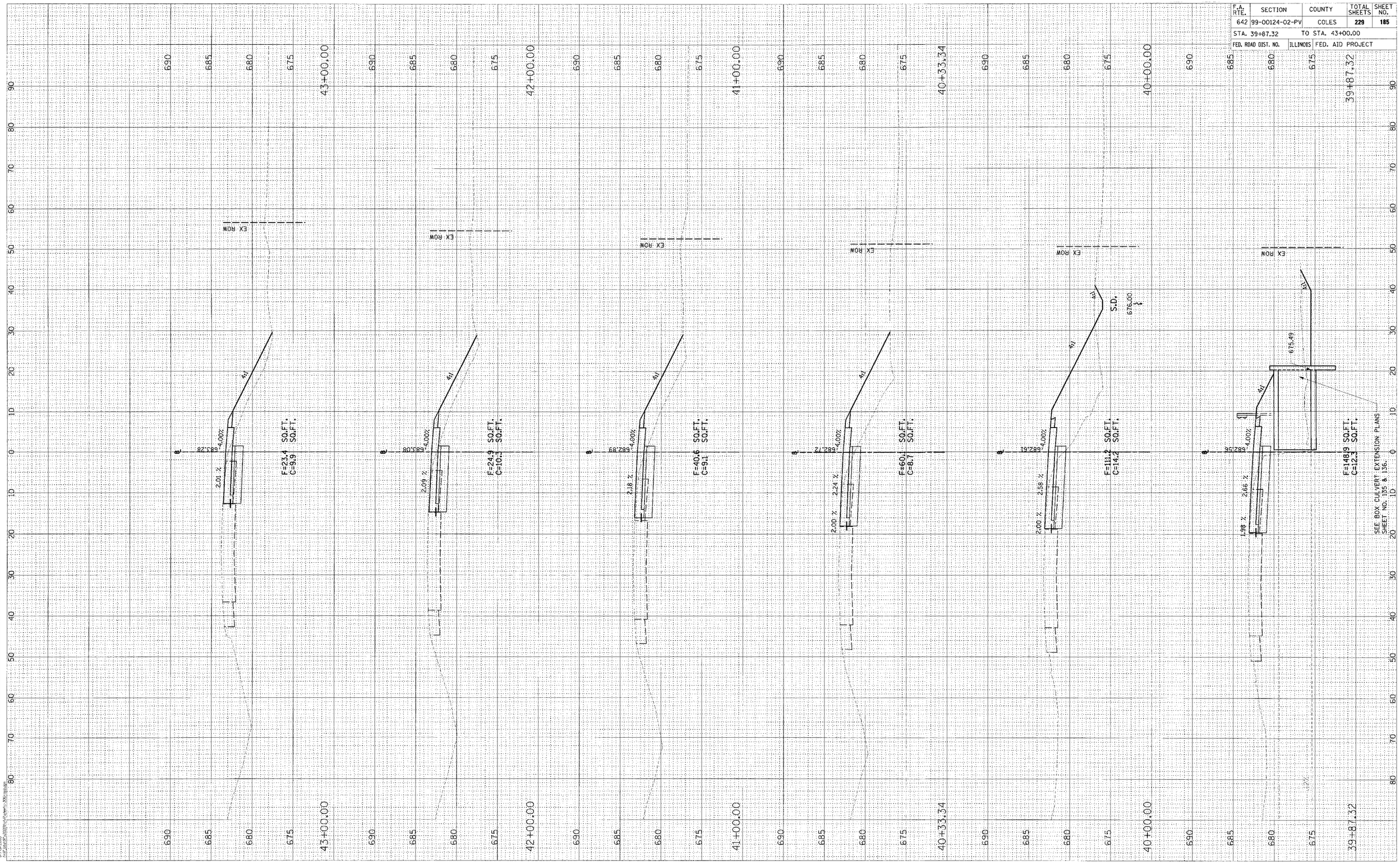
STA. 36+75.00 TO STA. 39+33.34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT # 91353

RAMP B

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	185
STA. 39+87.32		TO STA. 43+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		

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

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	186
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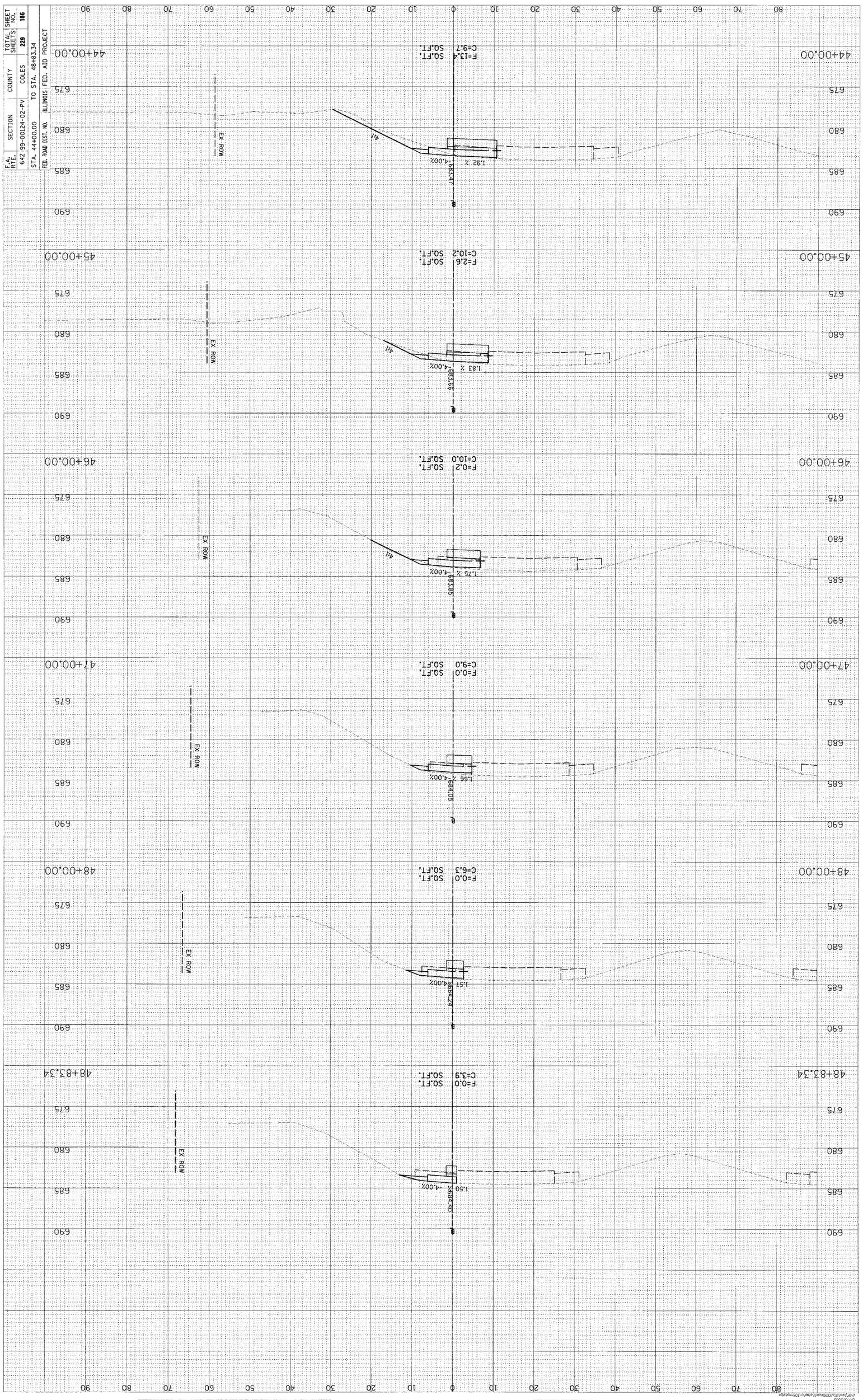
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	AREAS CHECKED		

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FINAL SURVEY		BY	DATE
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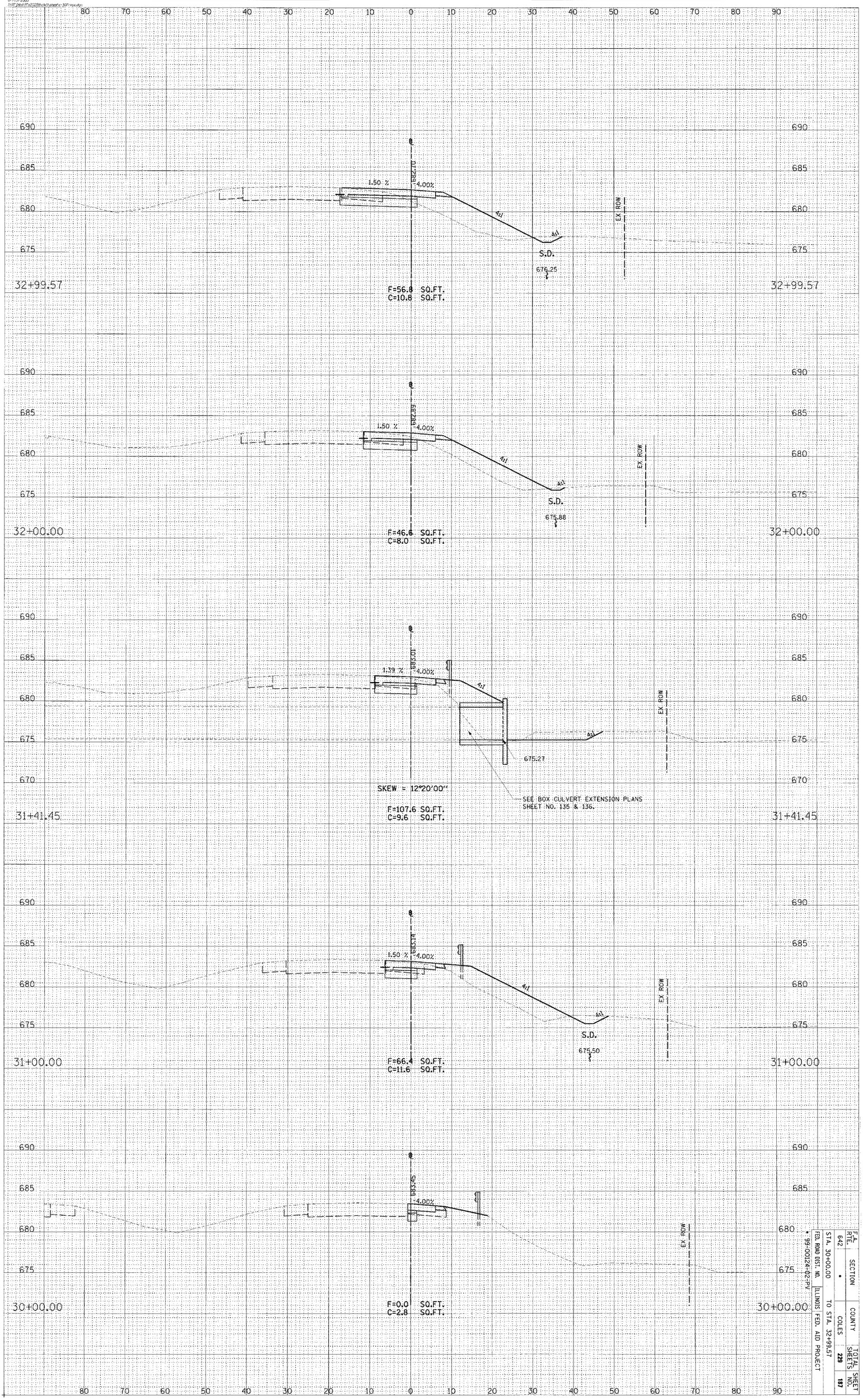


CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	187

STA. 30+00.00 TO STA. 32+99.57
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

RAMP C

CONTRACT # 91353

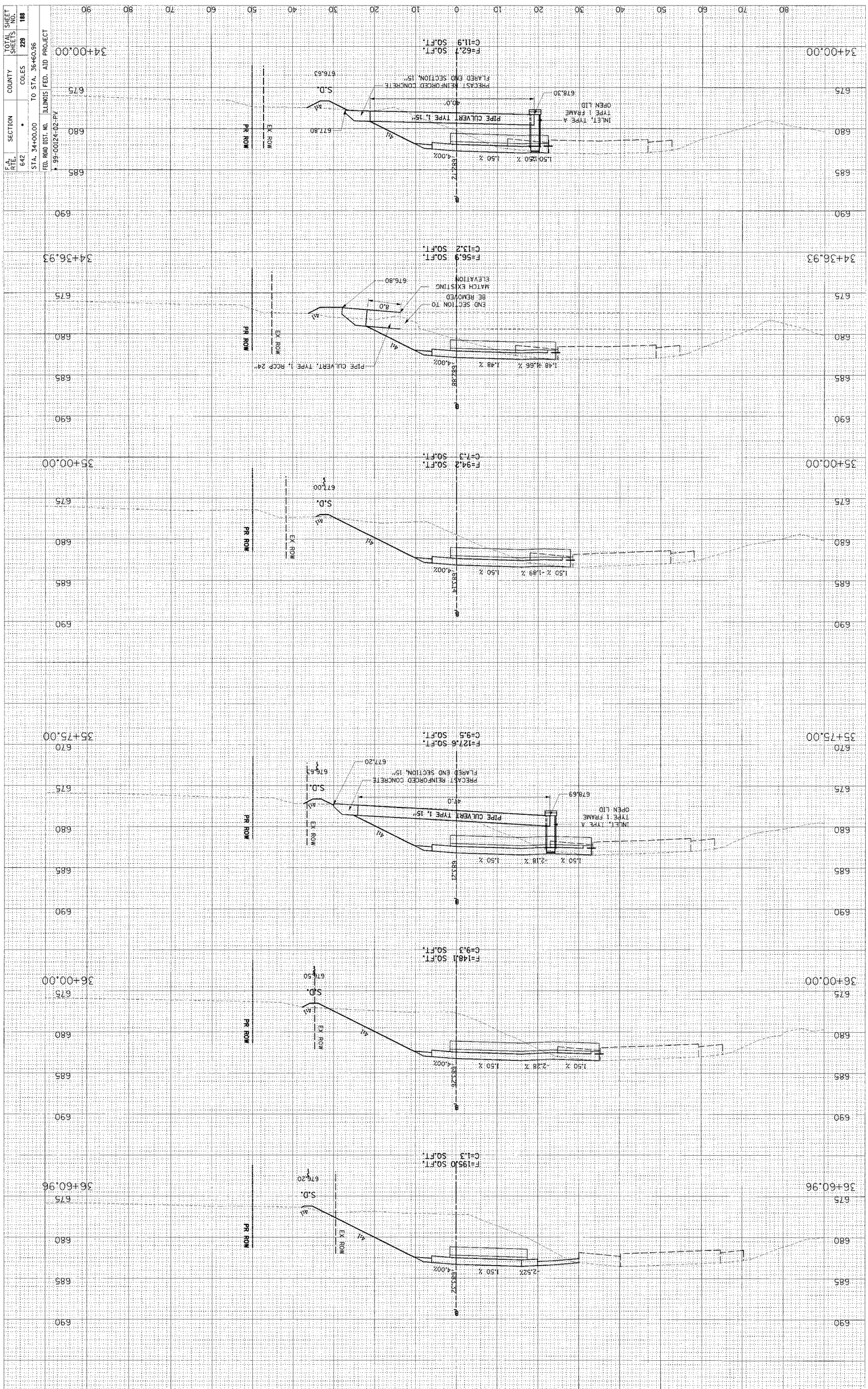
RAMP C

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	188

STA. 34+00.00 TO STA. 36+60.96

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

99-00124-02-PV



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

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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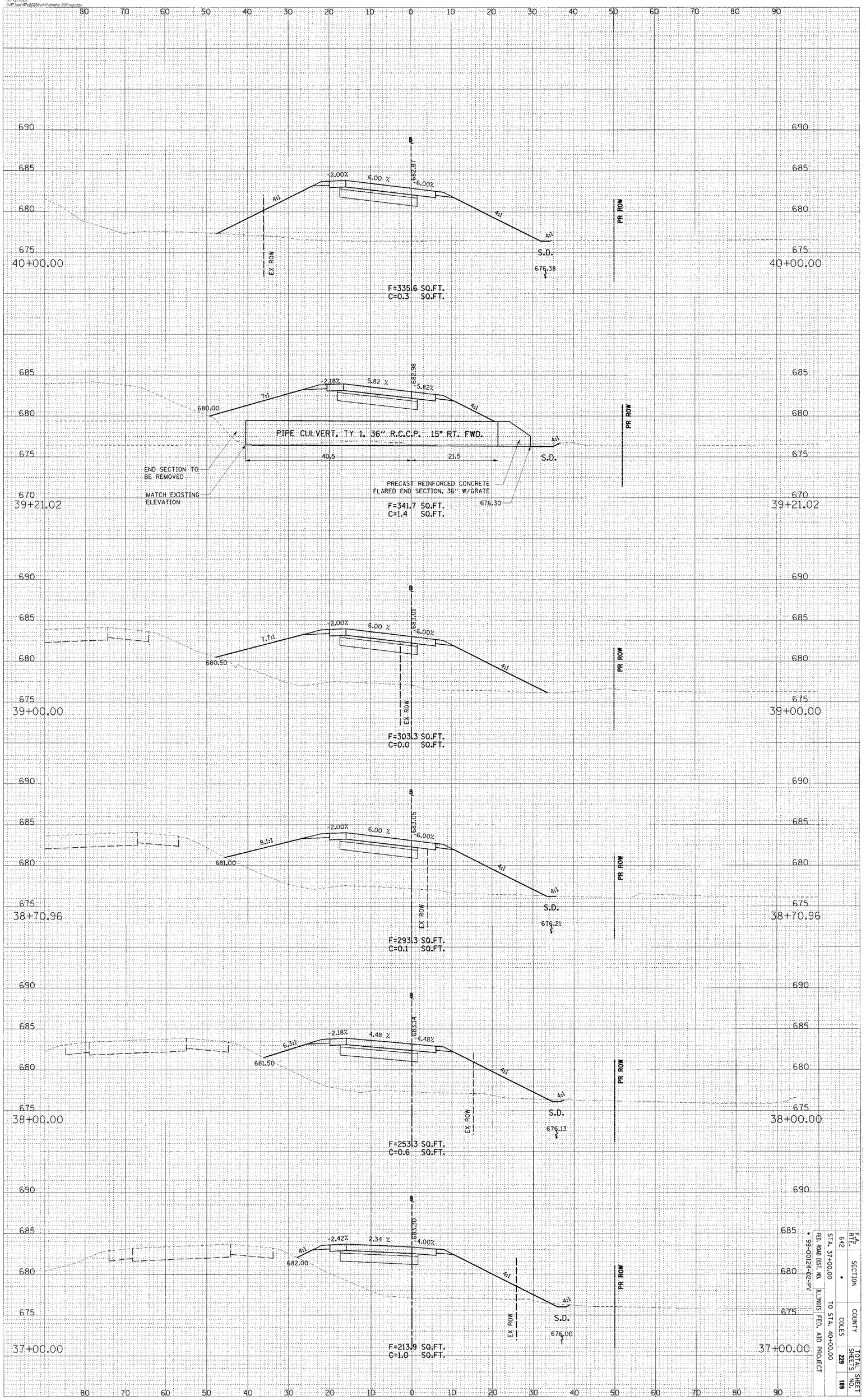

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	228	189

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
• 99-00124-02-PV

STA. 37+00.00 TO STA. 40+00.00

RAMP C

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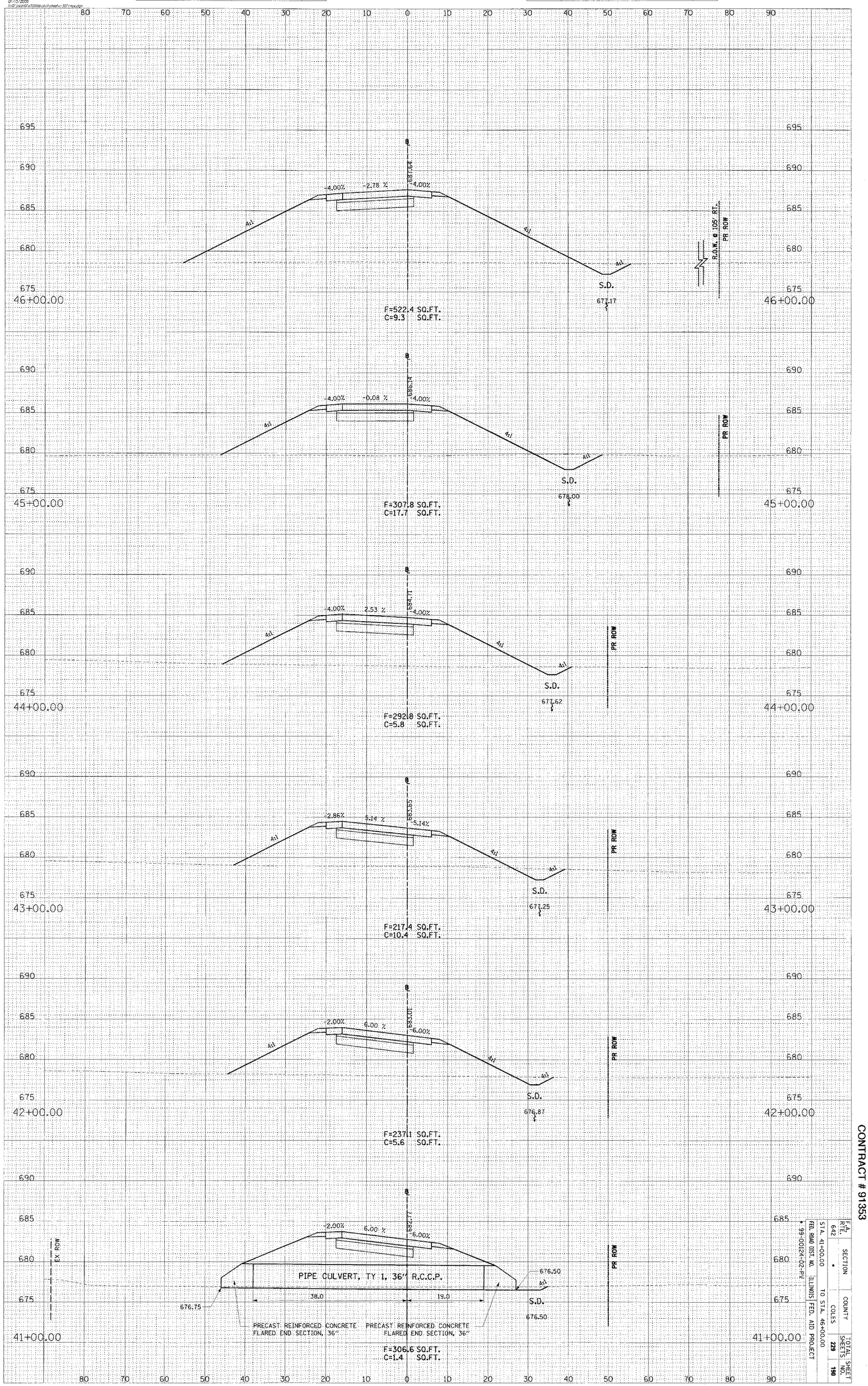

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
642	*	COLES	229
STA. 41+00.00	TO STA. 46+00.00		190
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

* 99-00124-02-PV

RAMP C

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	191
STA. 47+00.00		TO STA. 48+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				

RAMP C

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

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

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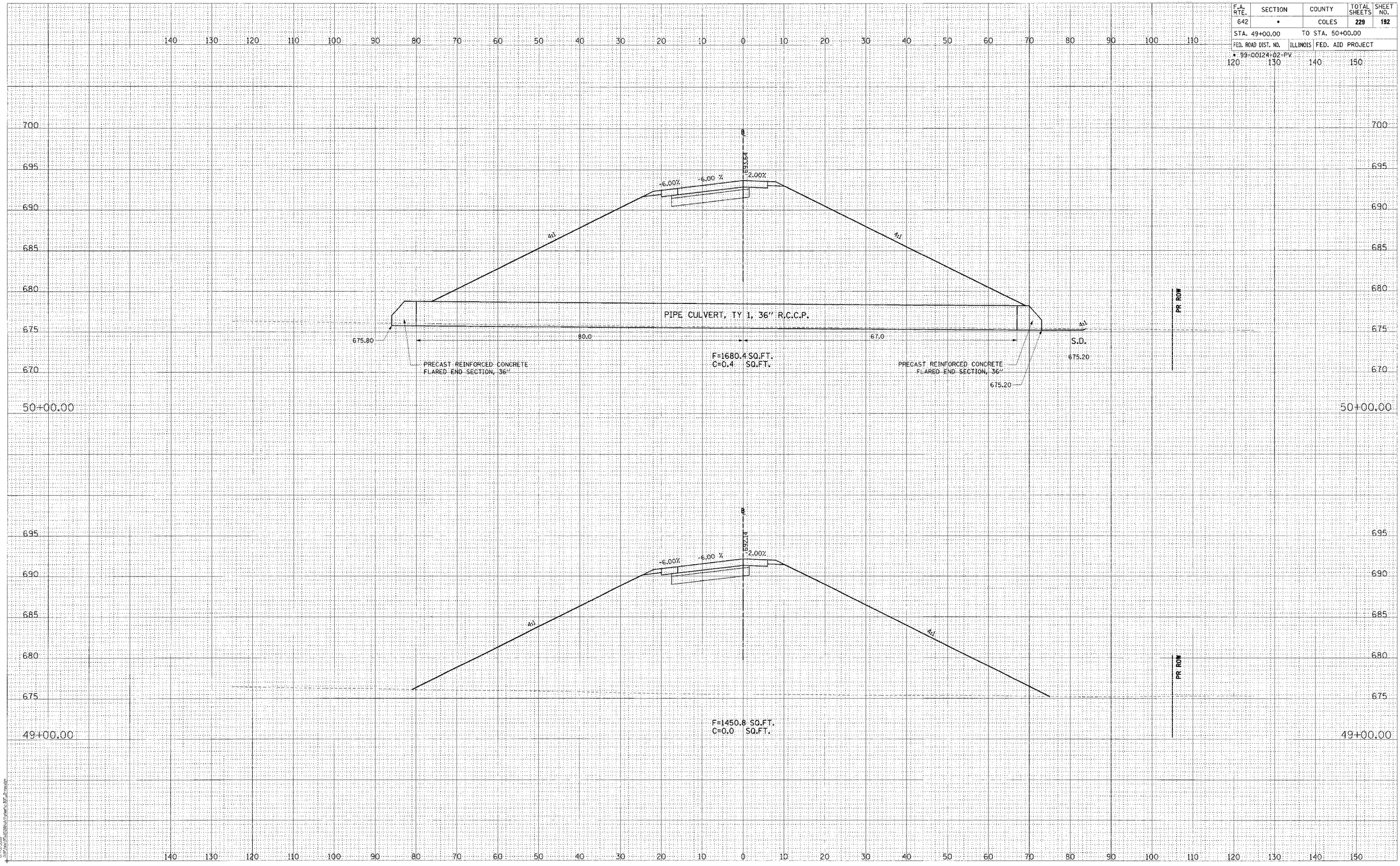
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	192

STA. 49+00.00 TO STA. 50+00.00

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

* 99-00124-02-PV



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

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

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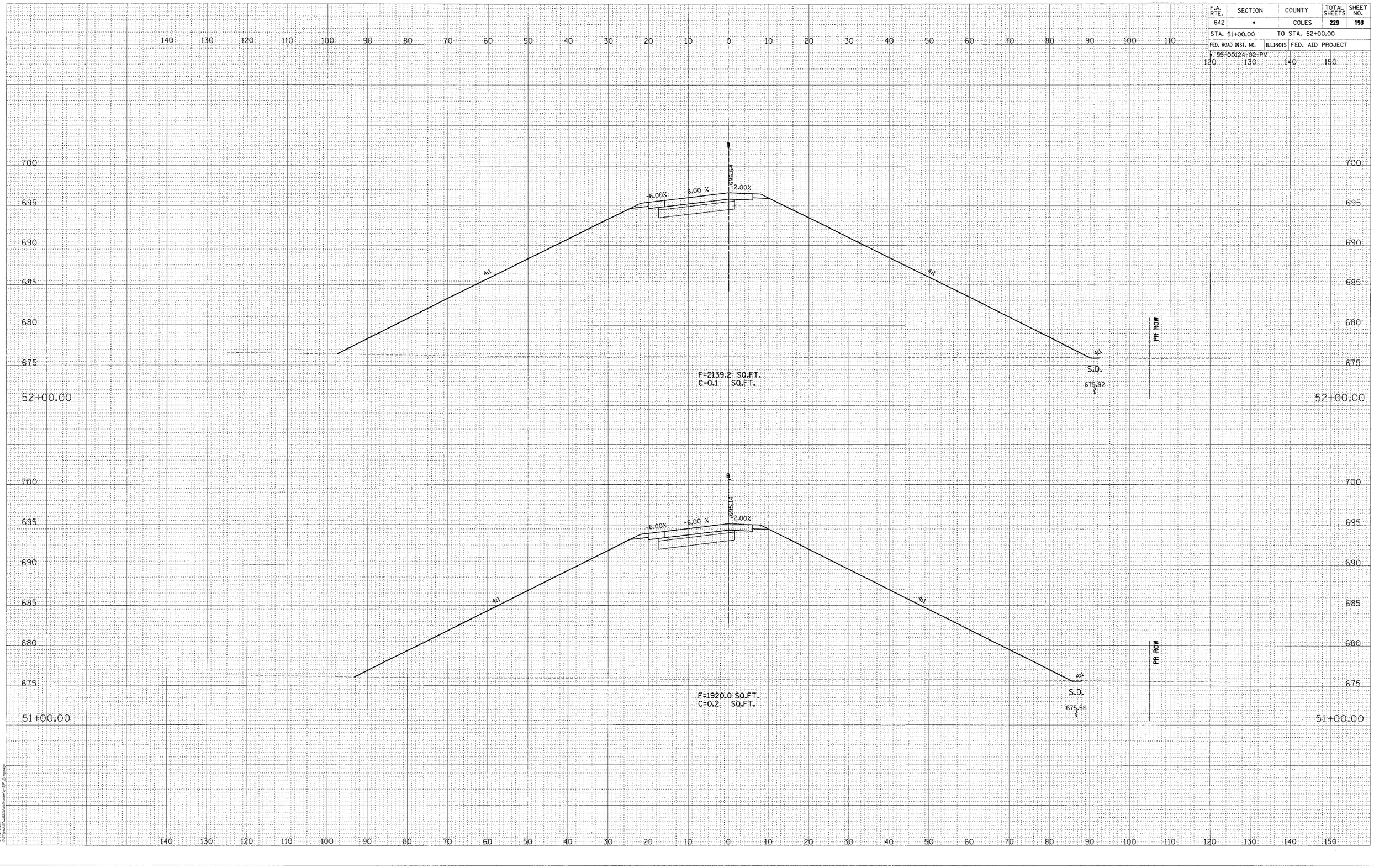
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	193

STA. 51+00.00 TO STA. 52+00.00

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

* 99-00124-02-PV



RAMP C

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

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

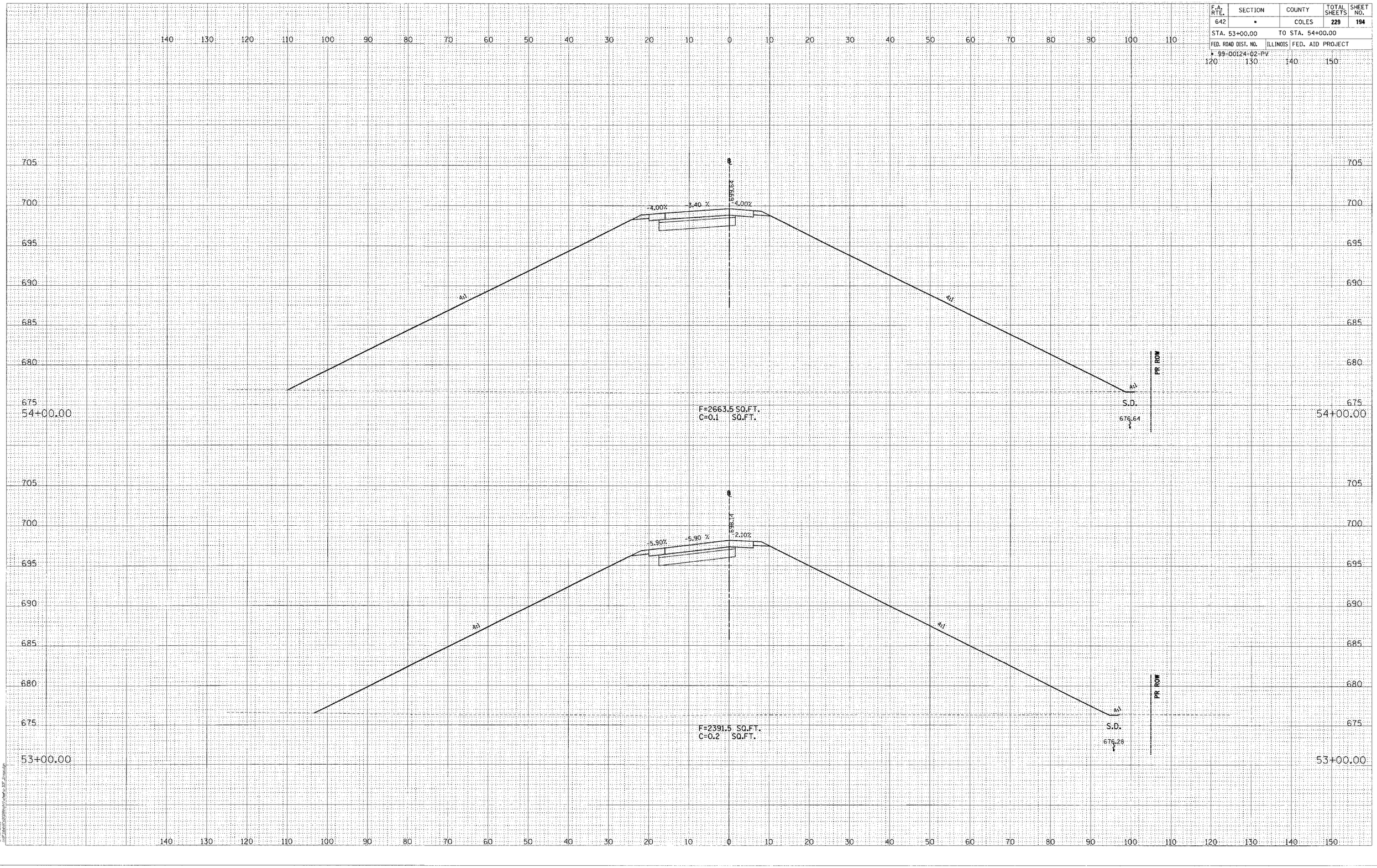
07-13-2009

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	194

STA. 53+00.00 TO STA. 54+00.00

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
* 99-00124-02-PV		



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

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

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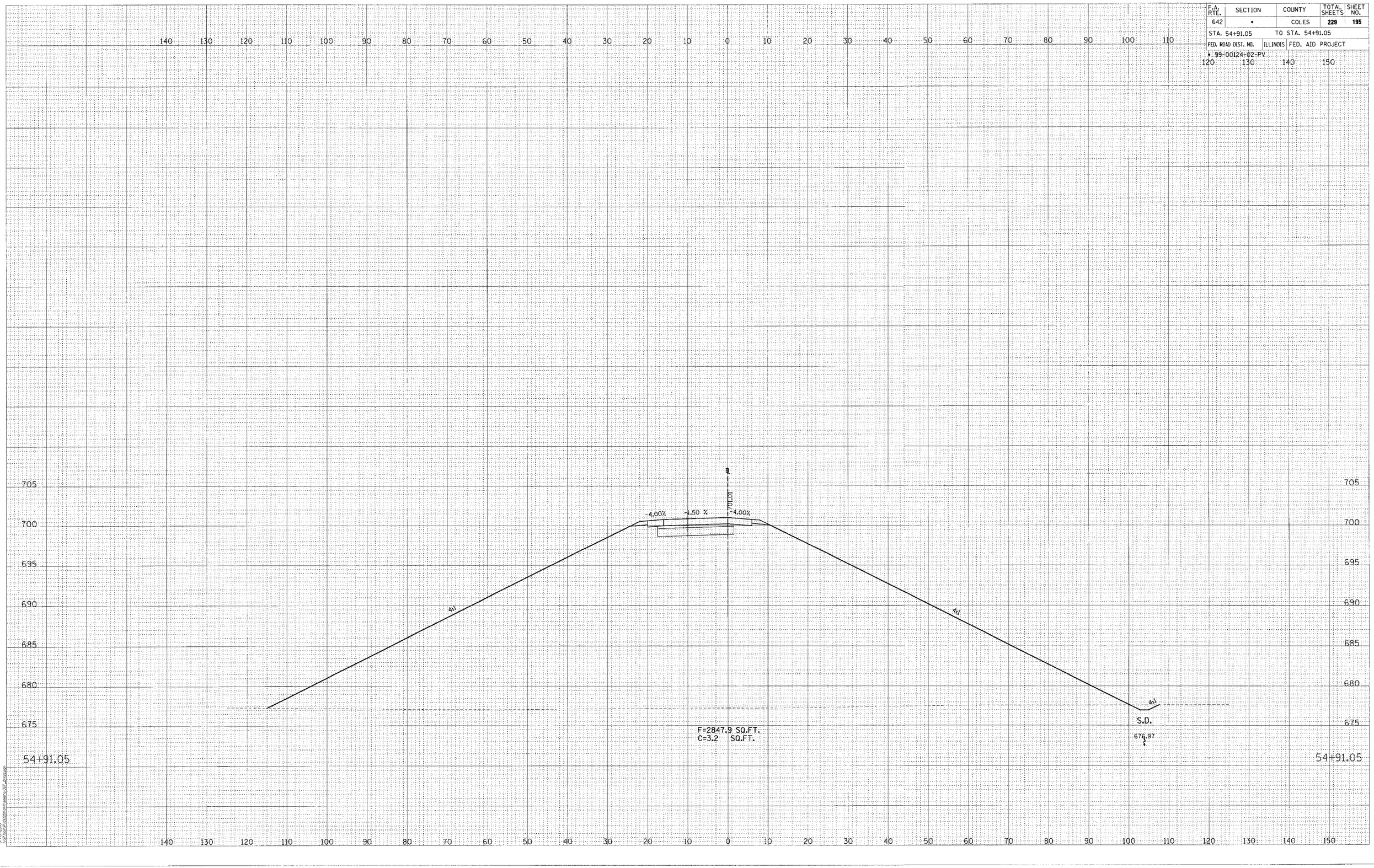
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	195

STA. 54+91.05 TO STA. 54+91.05

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

• 99-00124-02-PV



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

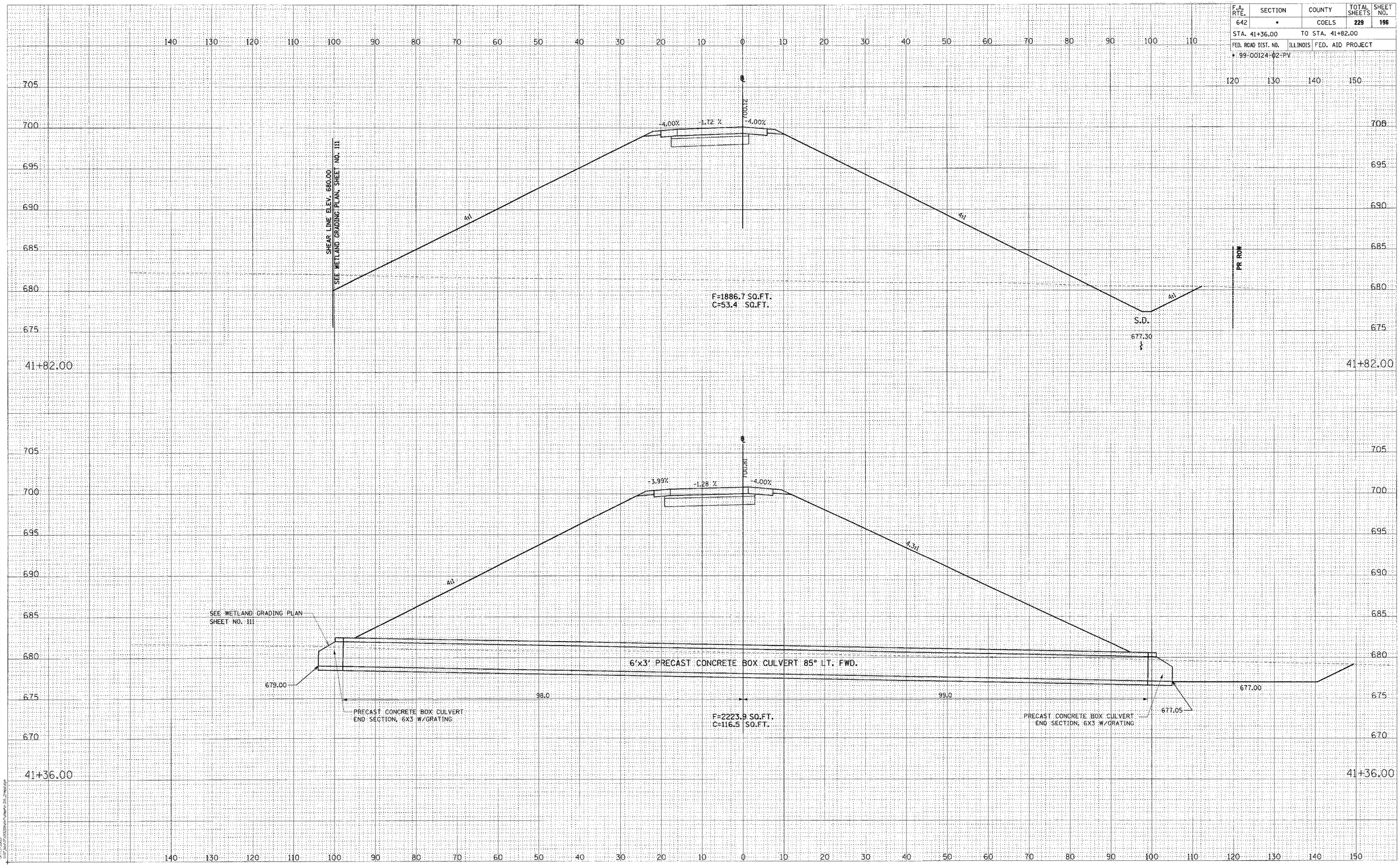
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COELS	229	196

STA. 41+36.00 TO STA. 41+82.00

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

• 99-00124-02-PV



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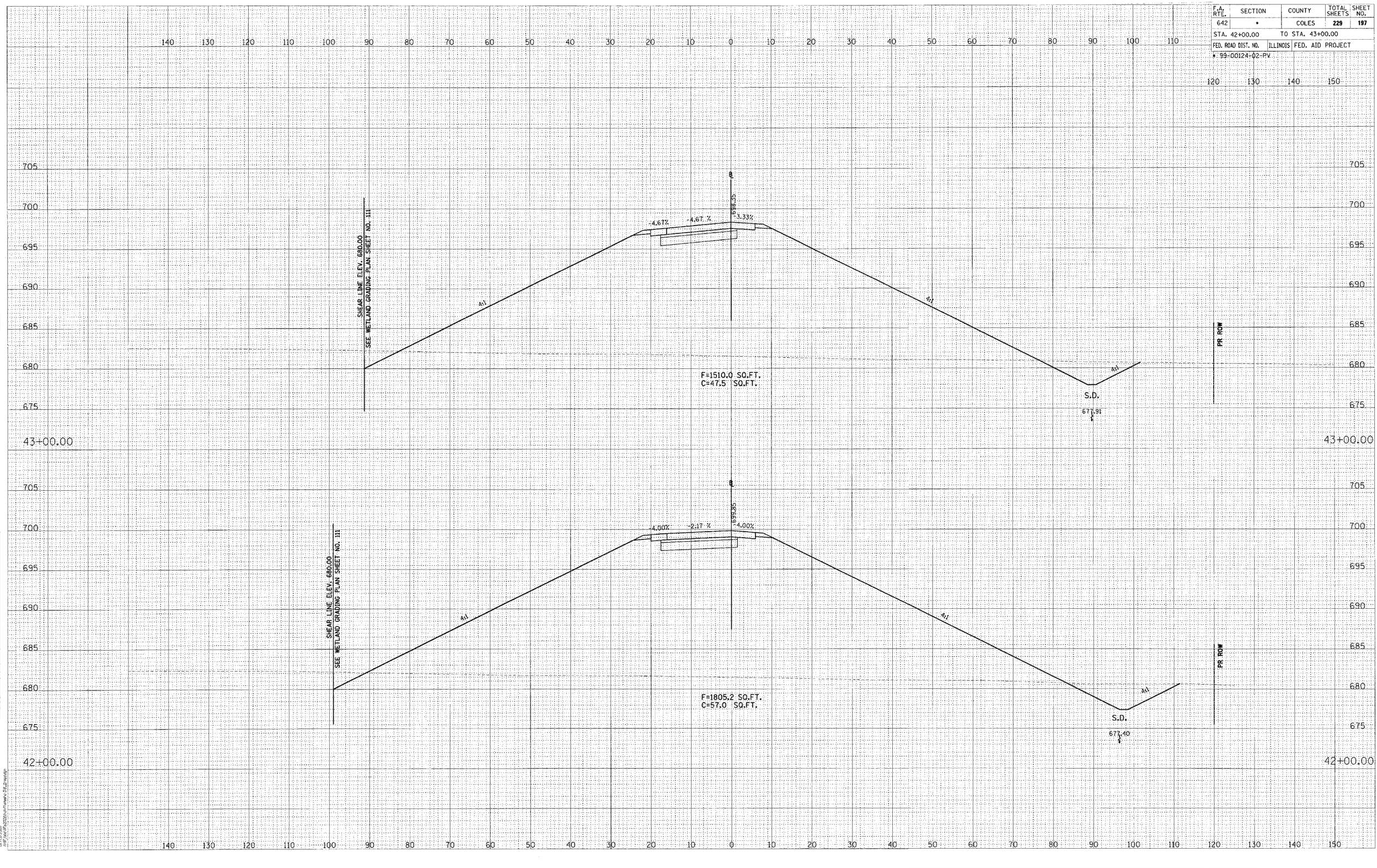
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	197

STA. 42+00.00 TO STA. 43+00.00

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

* 99-00124-02-PV



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

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

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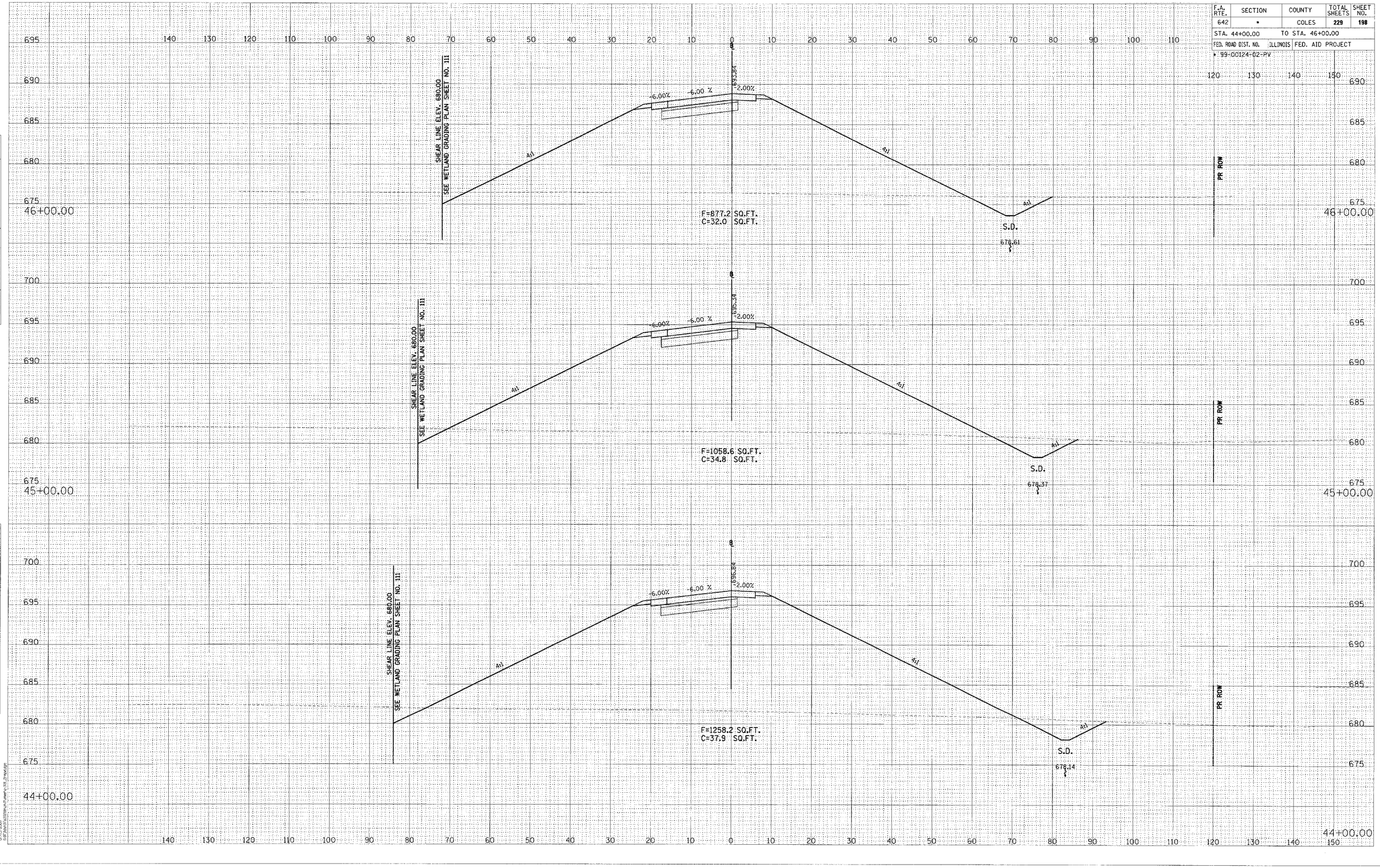
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	198

STA. 44+00.00 TO STA. 46+00.00

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

* 99-00124-02-PV



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

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

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
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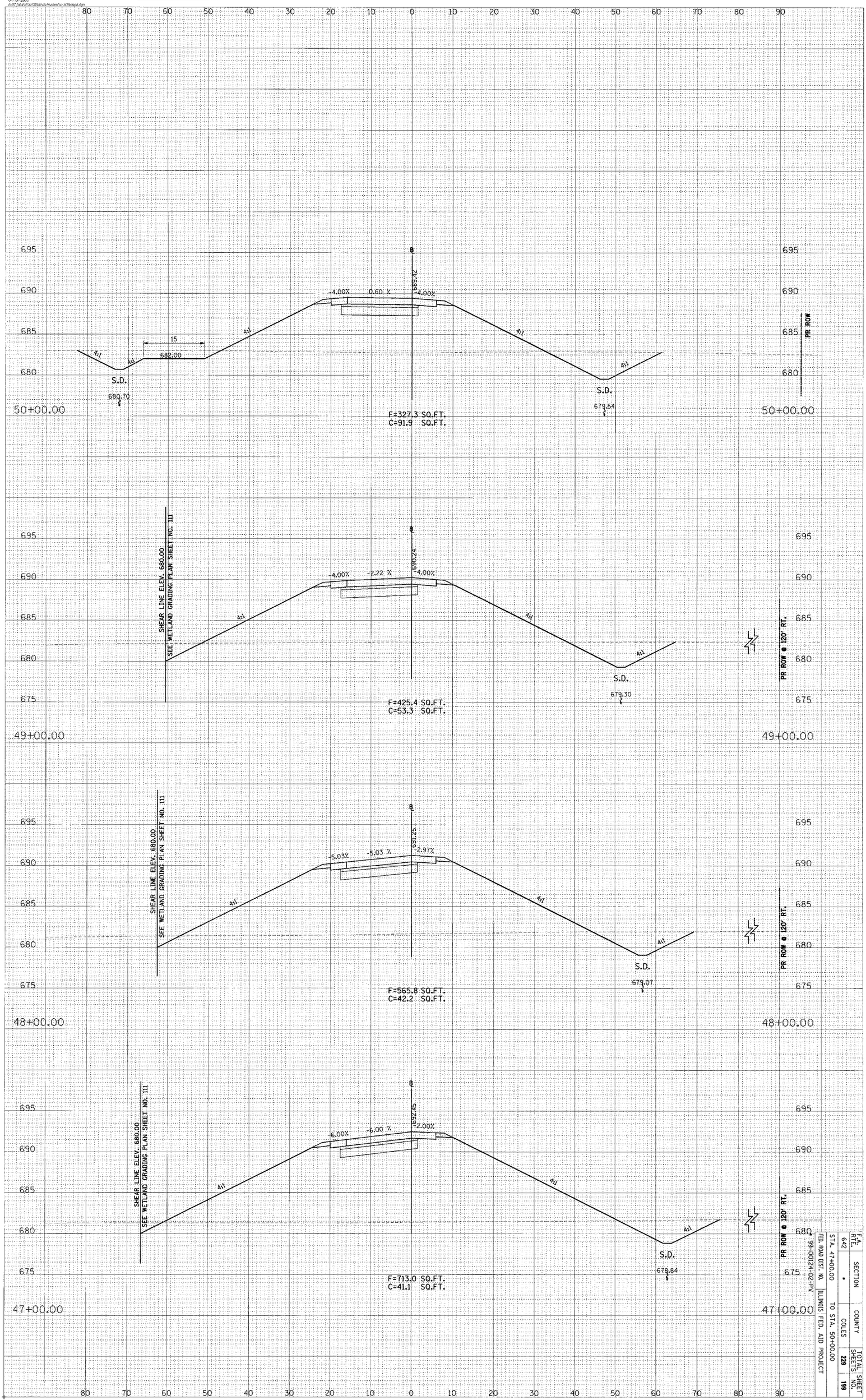


CONTRACT # 91353

F.A.P. RTE. 642	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 47+00.00	•	COLES	229	169
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	TO STA. 50+00.00		
99-00124-02-PV				

RAMP D

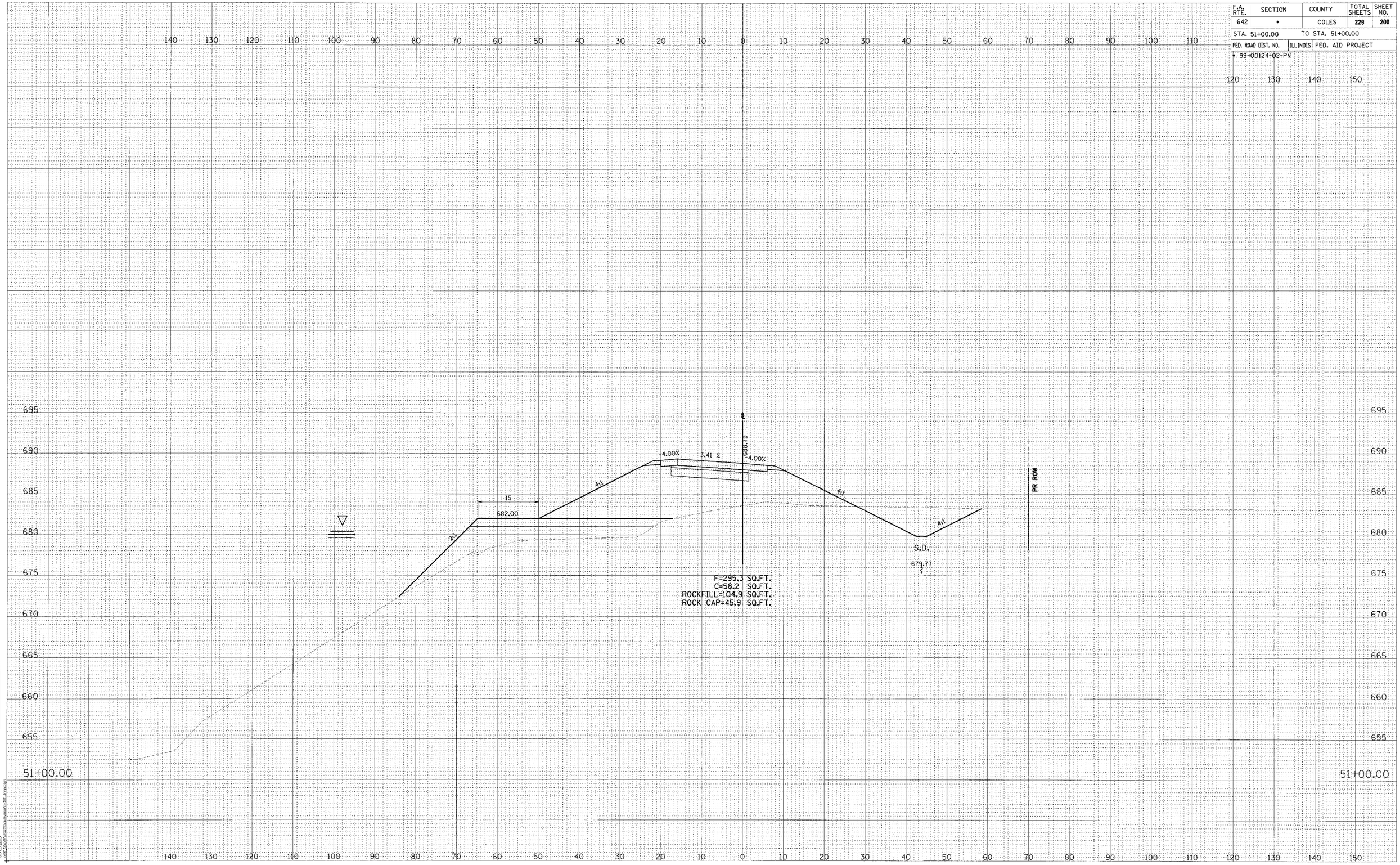
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	200

STA. 51+00.00 TO STA. 51+00.00

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

• 99-00124-02-PV



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

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

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CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	201
STA. 51+25.00		TO STA. 51+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				

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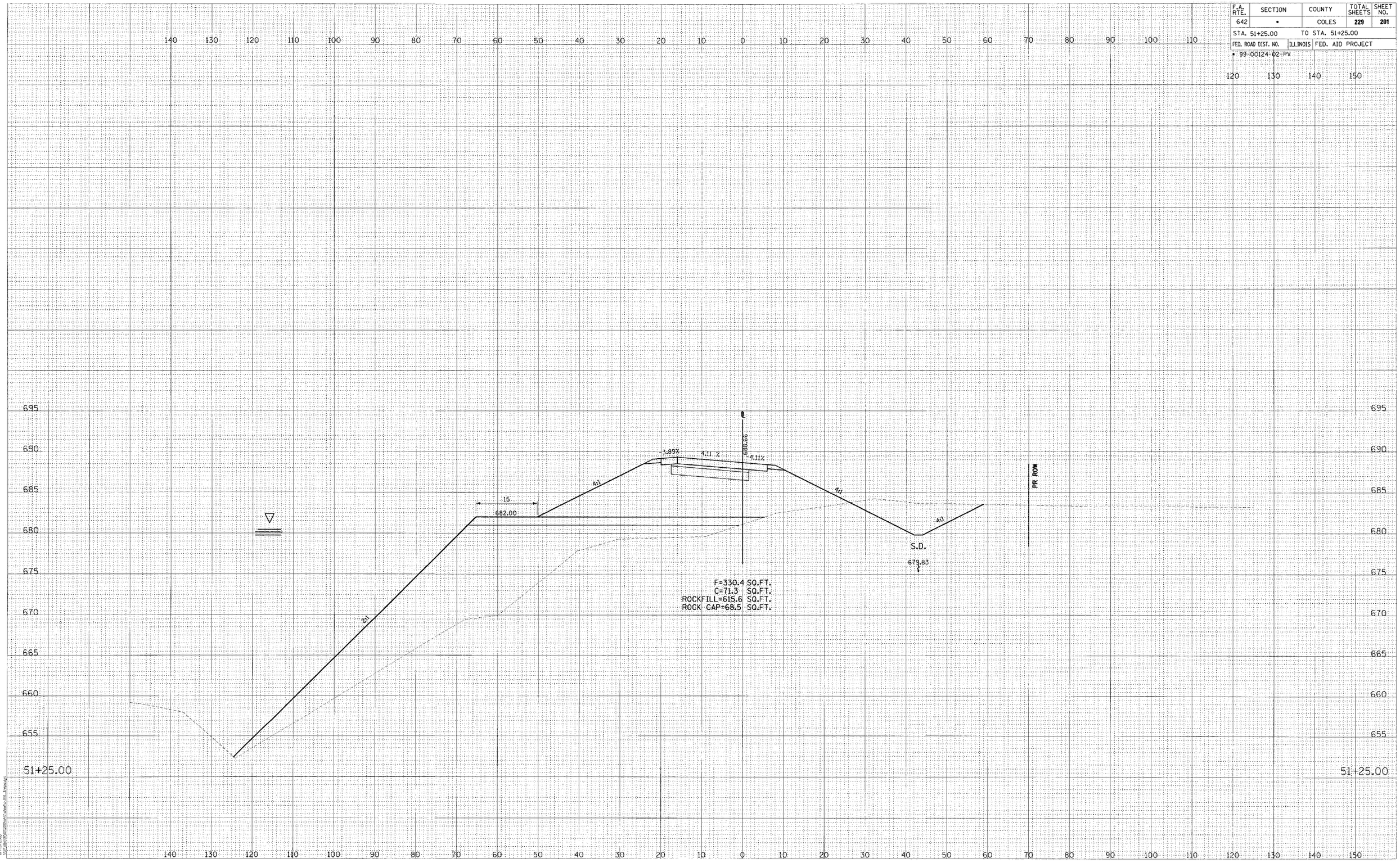
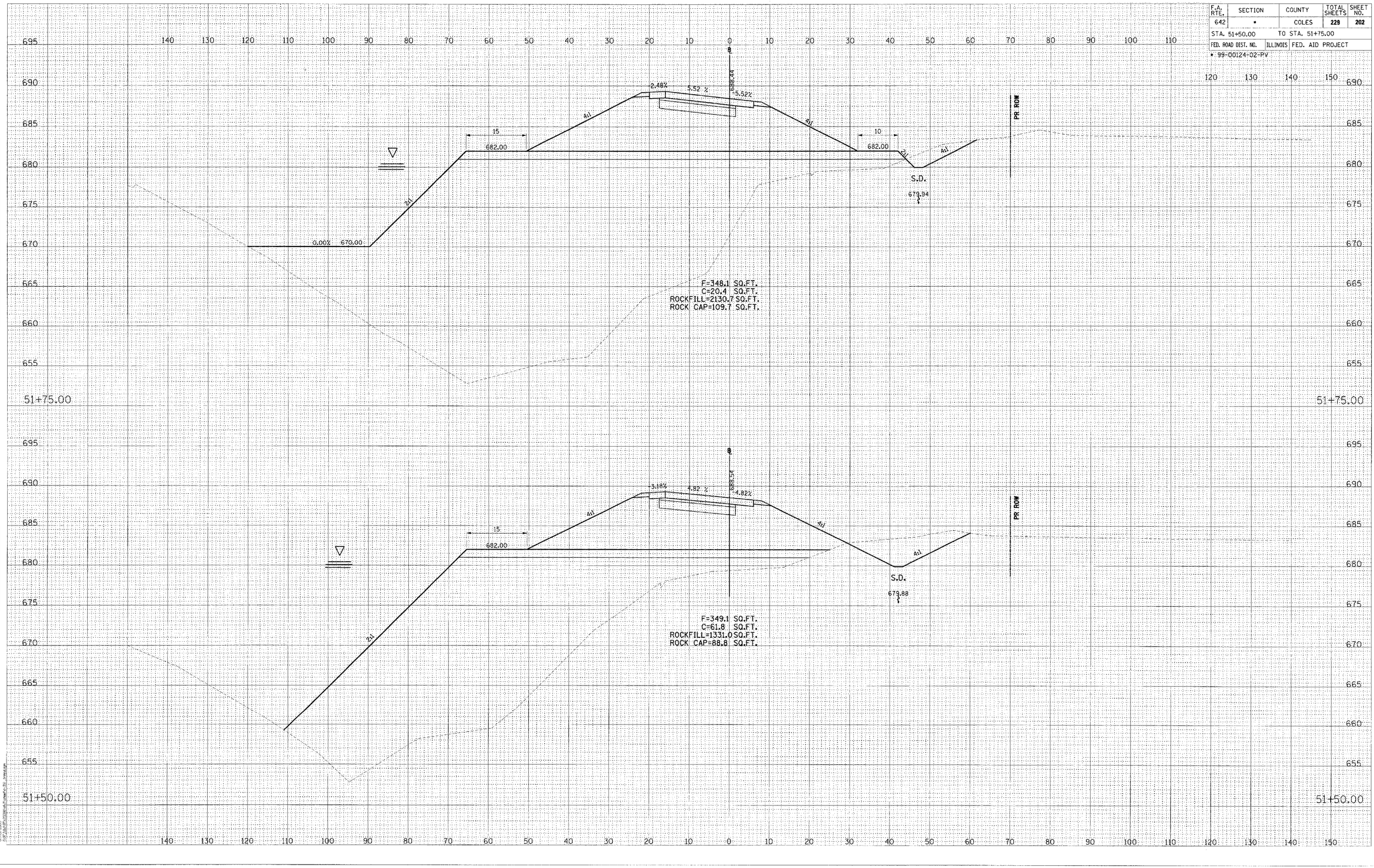
ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		DATE
TEMPLATE		
AREAS		
AREAS CHECKED		



RAMP D

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	202
STA. 51+50.00		TO STA. 51+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				



RAMP D

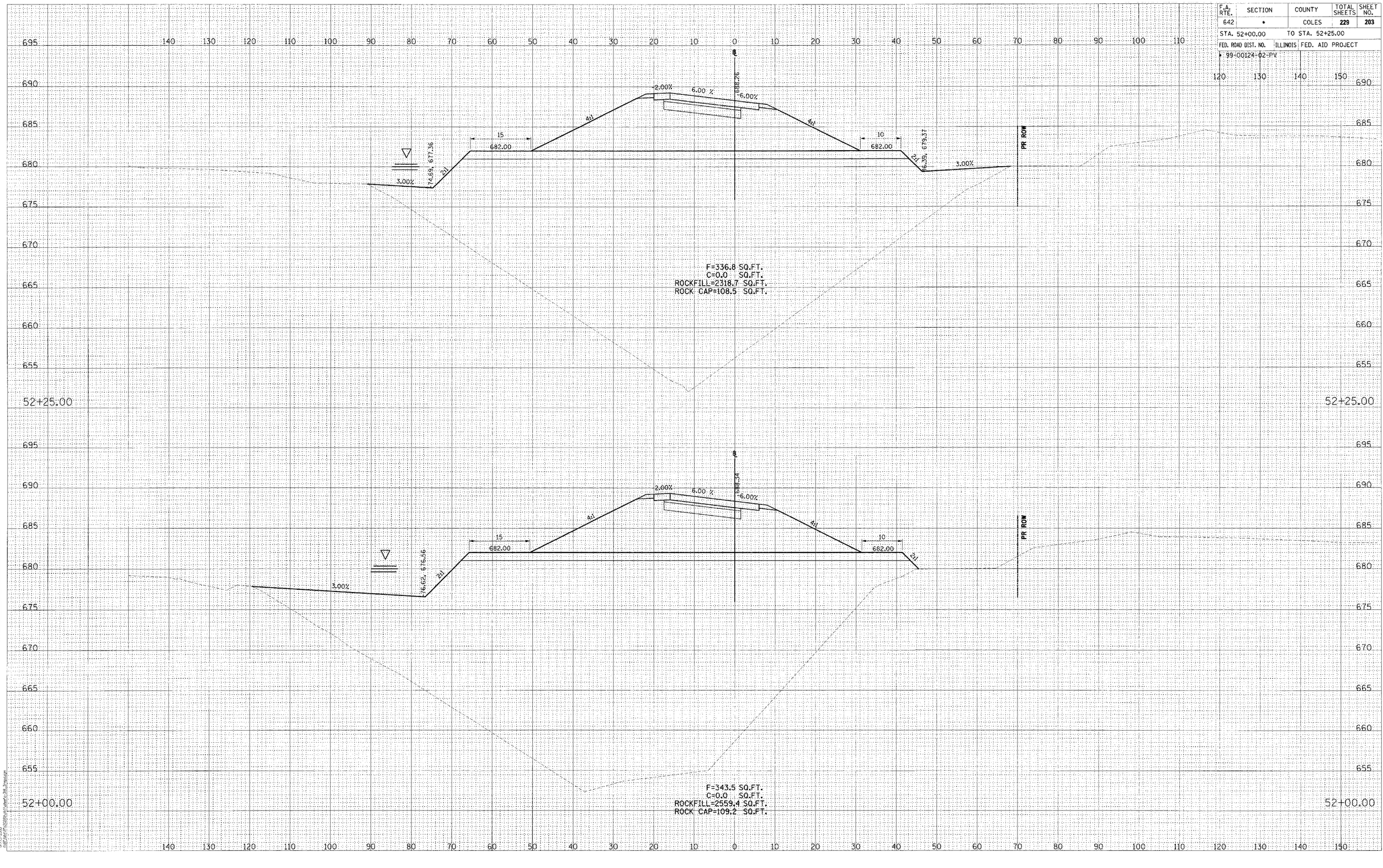
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	203

STA. 52+00.00 TO STA. 52+25.00

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

* 99-00124-02-PV



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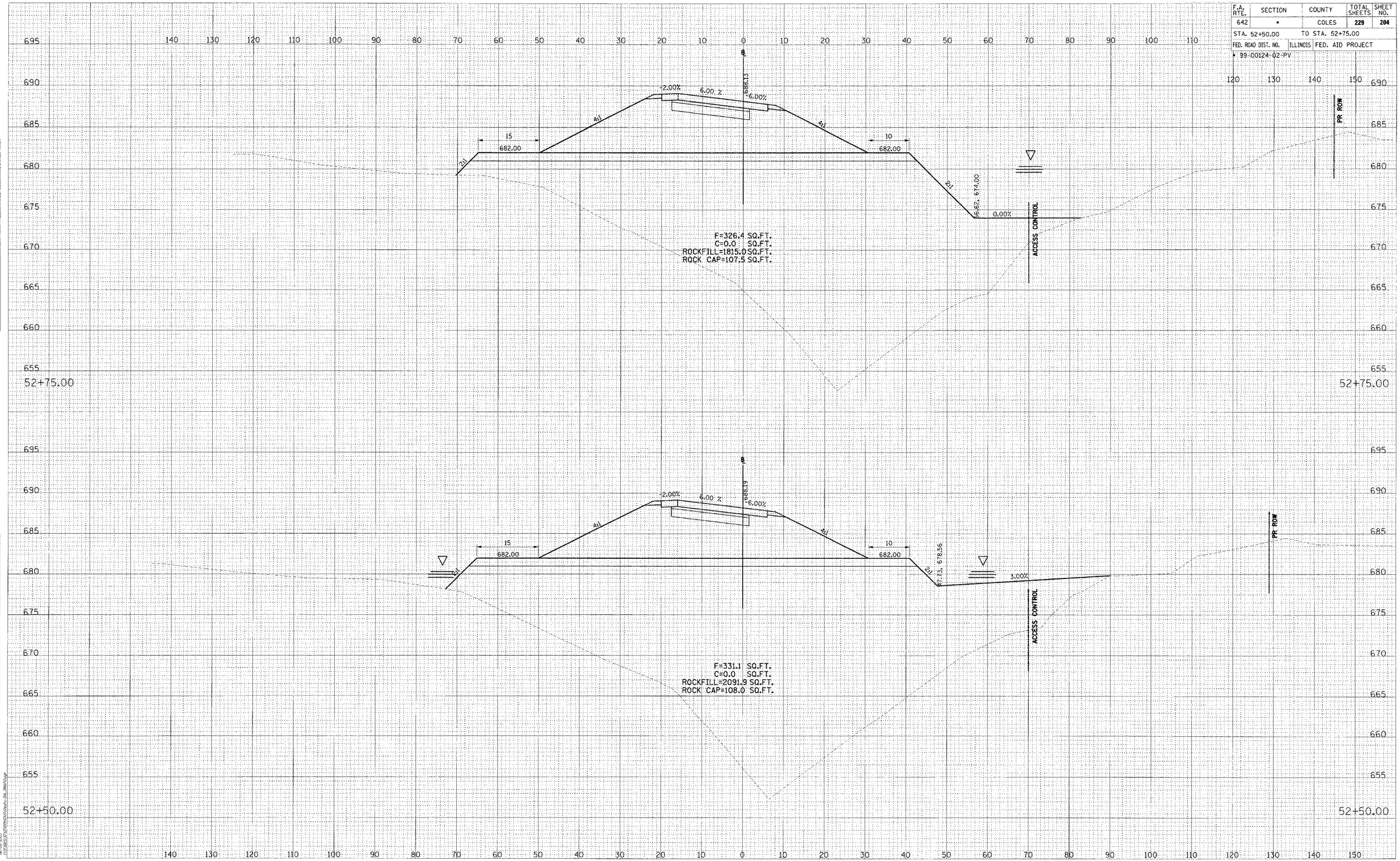
FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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

RAMP D

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	204
STA. 52+50.00		TO STA. 52+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				



RAMP D

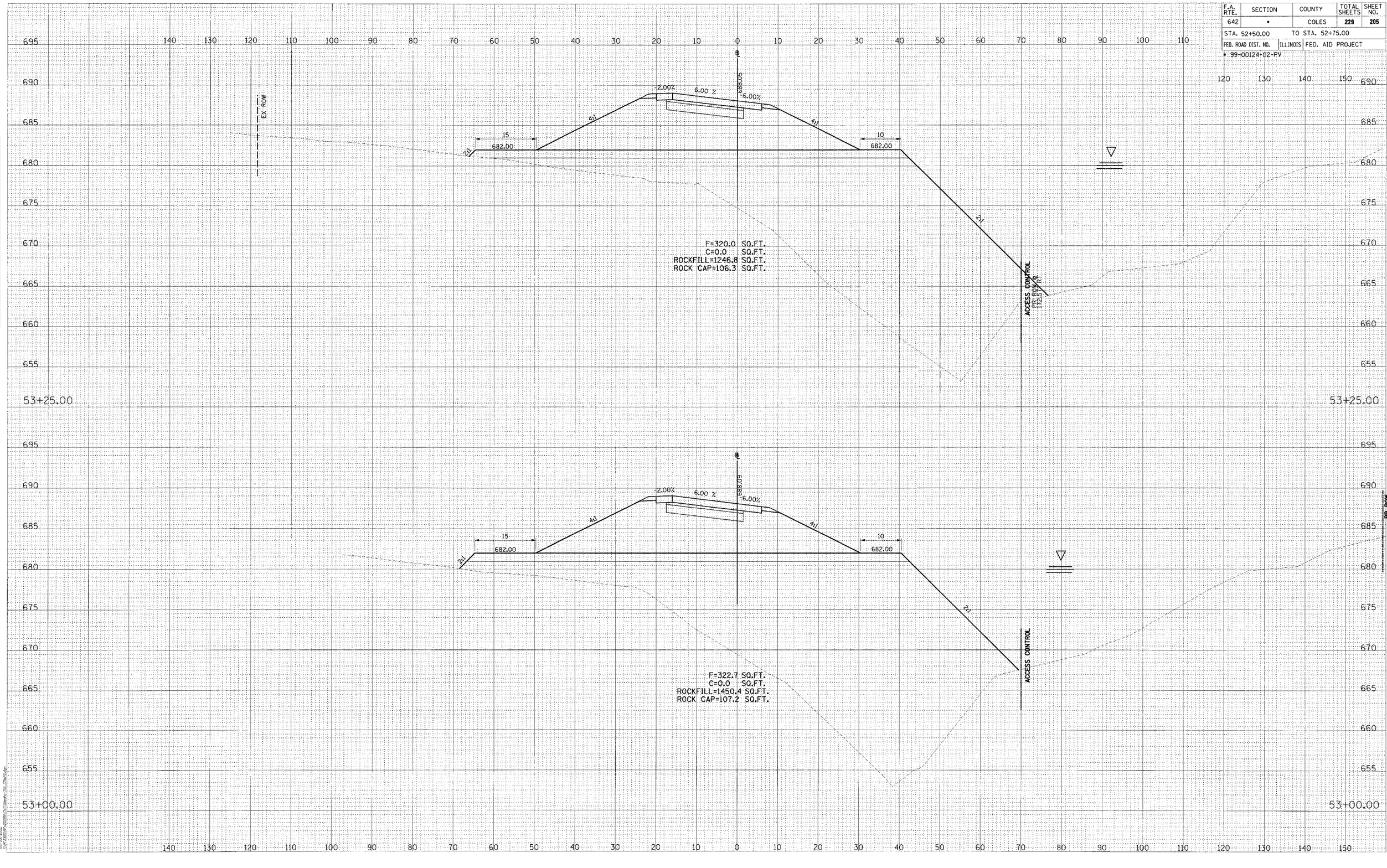
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	205

STA. 52+50.00 TO STA. 52+75.00

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

• 99-00124-02-PV



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

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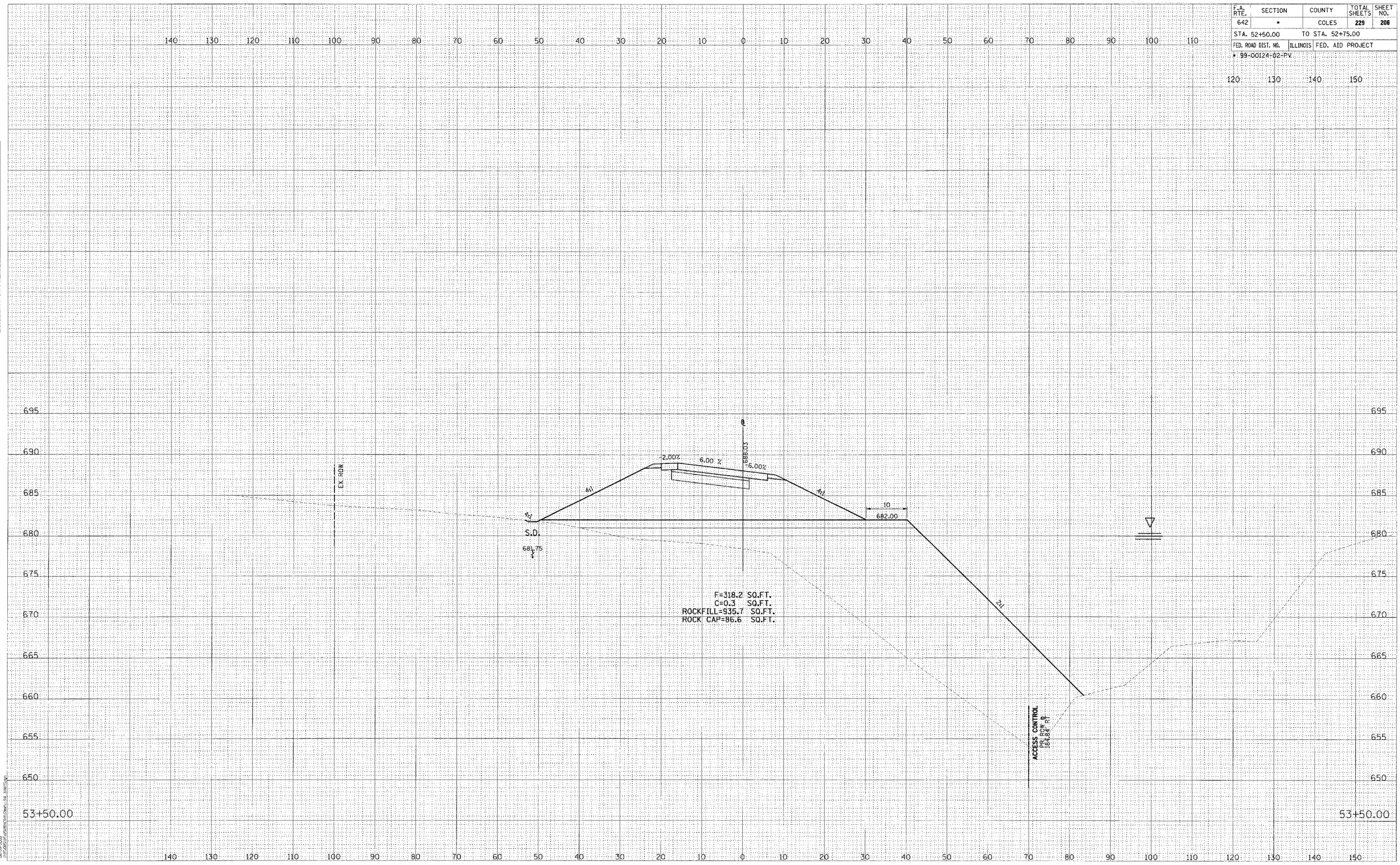
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	206

STA. 52+50.00 TO STA. 52+75.00

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

* 99-00124-02-PV



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

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

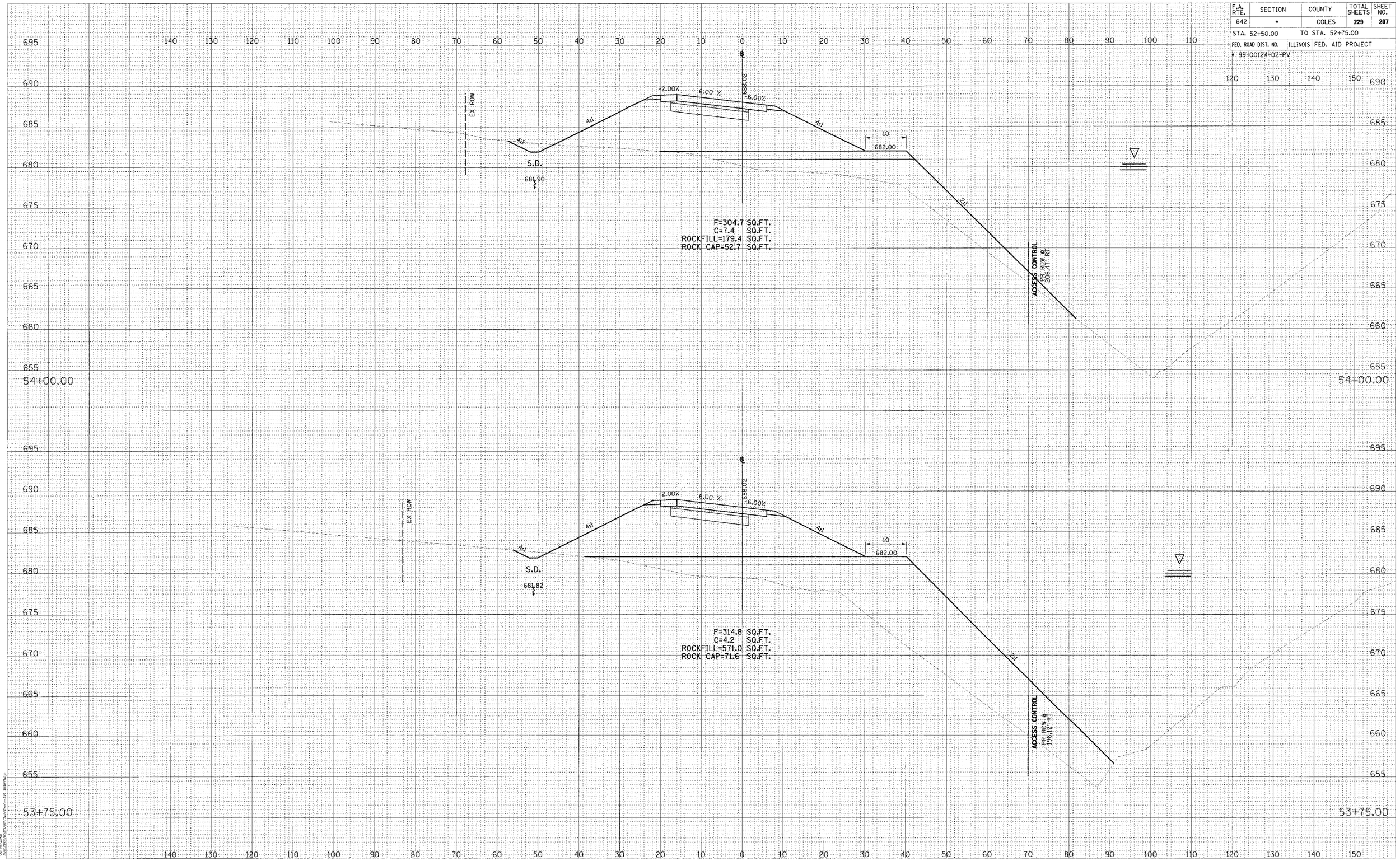
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	207

STA. 52+50.00 TO STA. 52+75.00

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

* 99-00124-02-PV



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

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

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

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FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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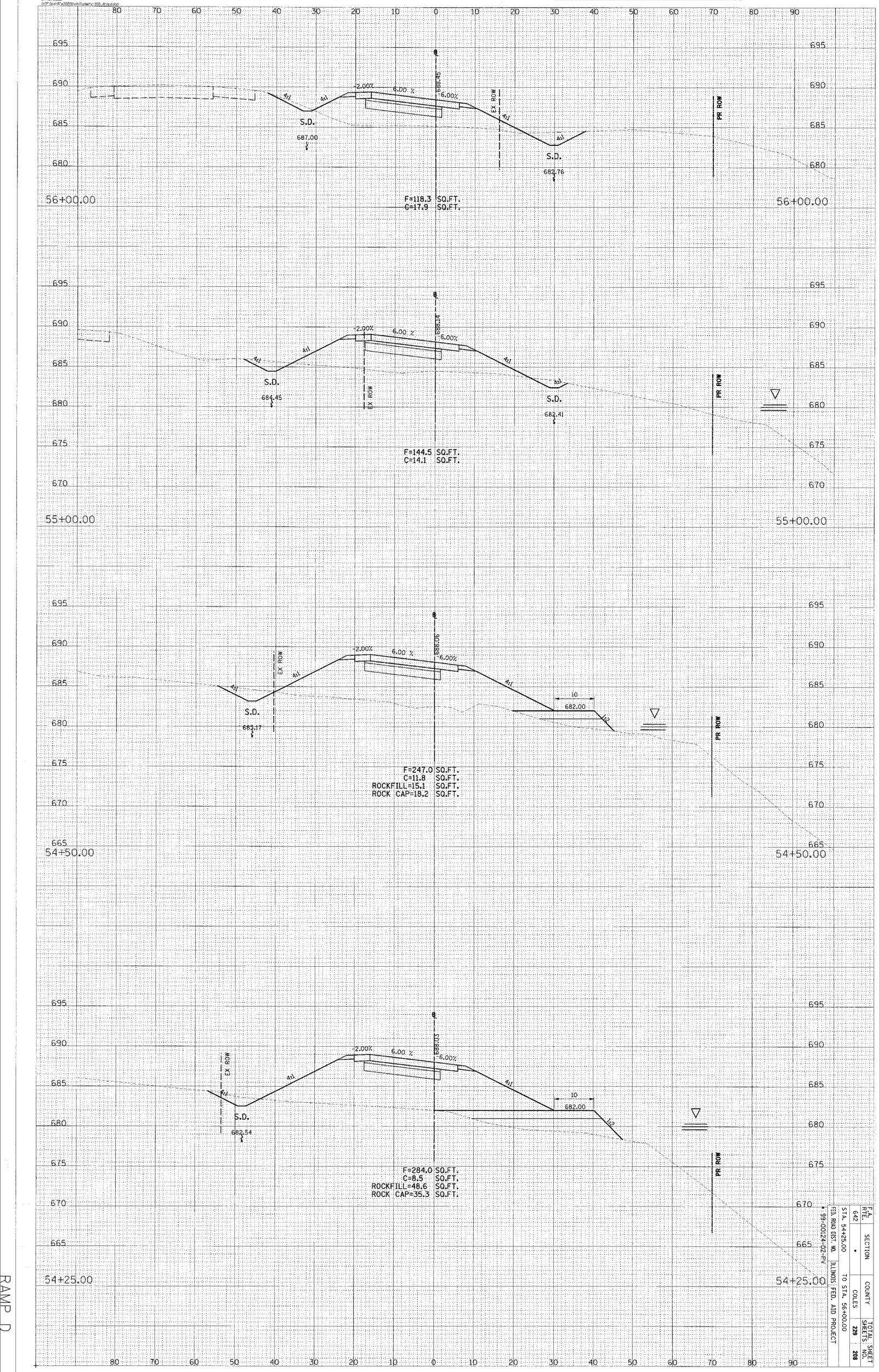

CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	208

STA. 54+25.00 TO STA. 56+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

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

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

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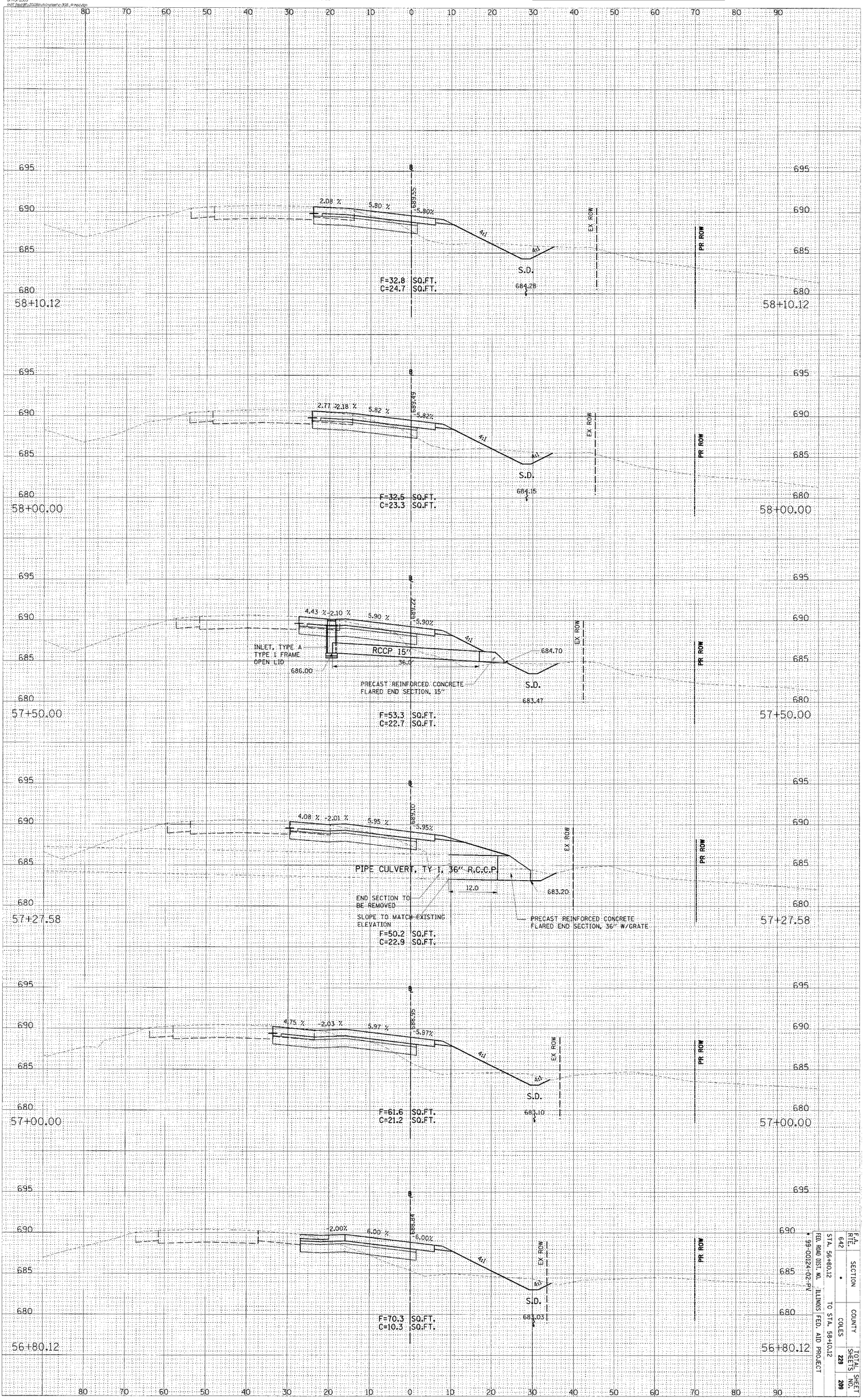

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CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	209

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV
STA. 56+80.12 TO STA. 58+10.12

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

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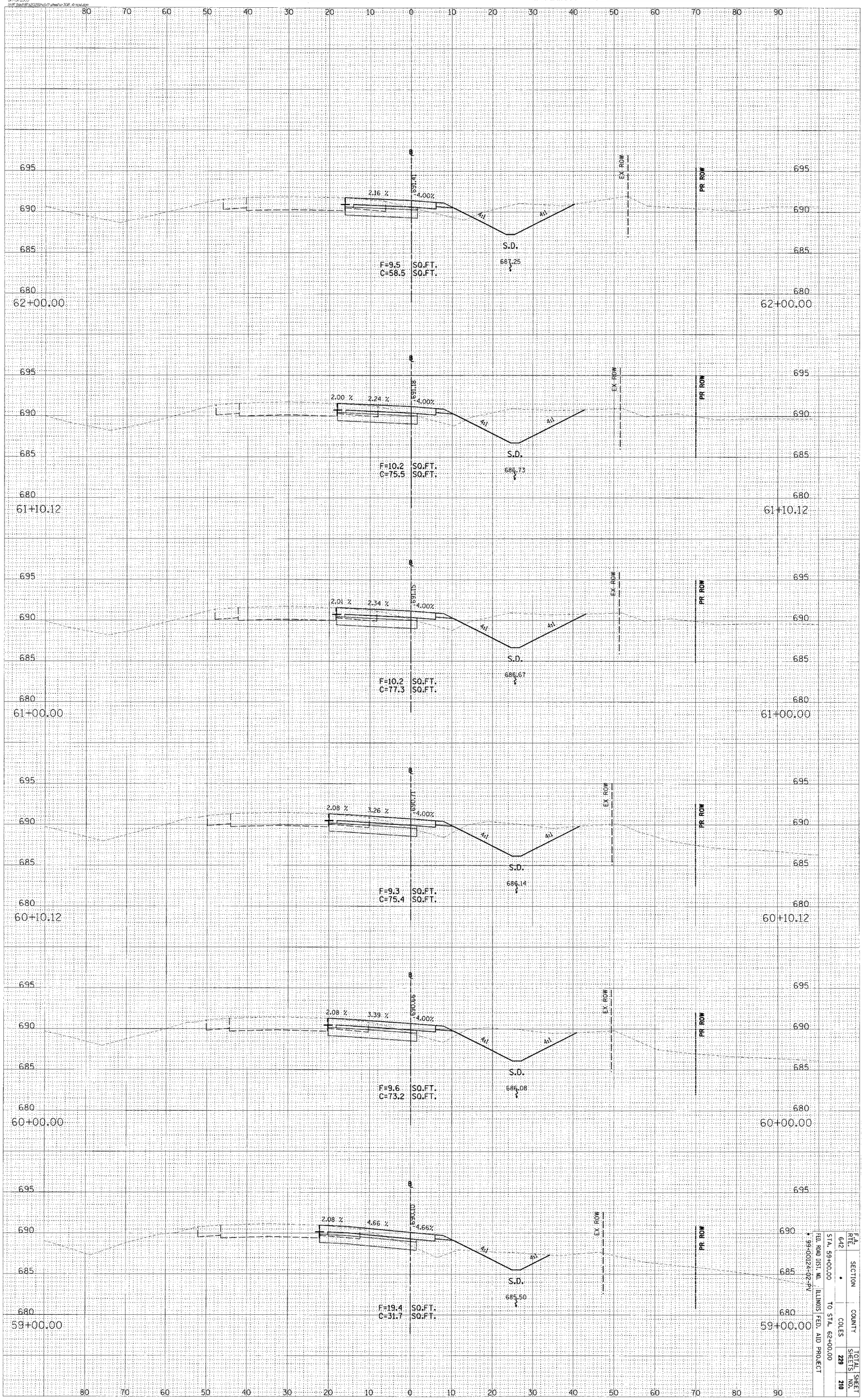
FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	210

STA. 59+00.00 TO STA. 62+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* 99-00124-02-PV

RAMP D

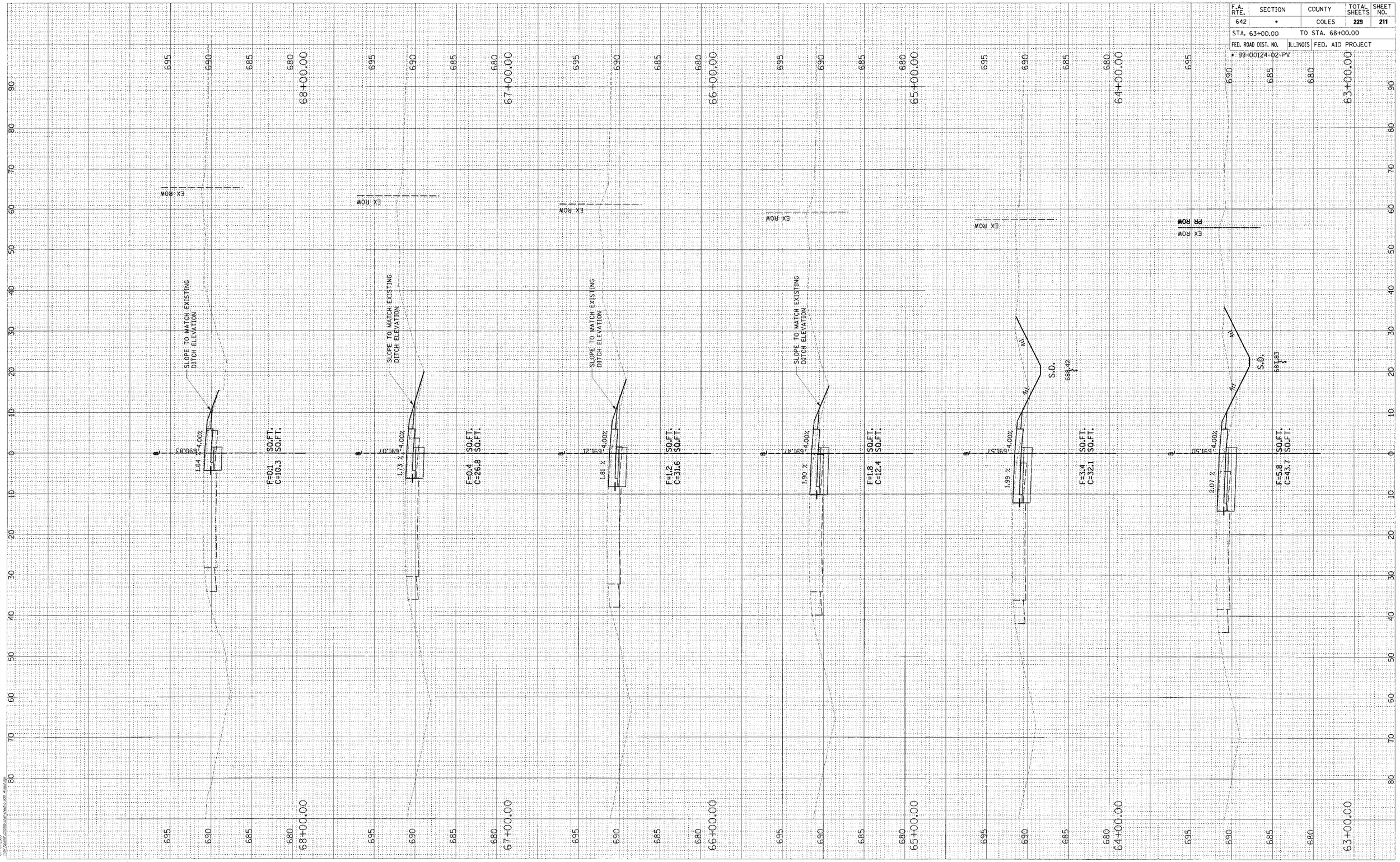
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	211

STA. 63+00.00 TO STA. 68+00.00

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

• 99-00124-02-PV



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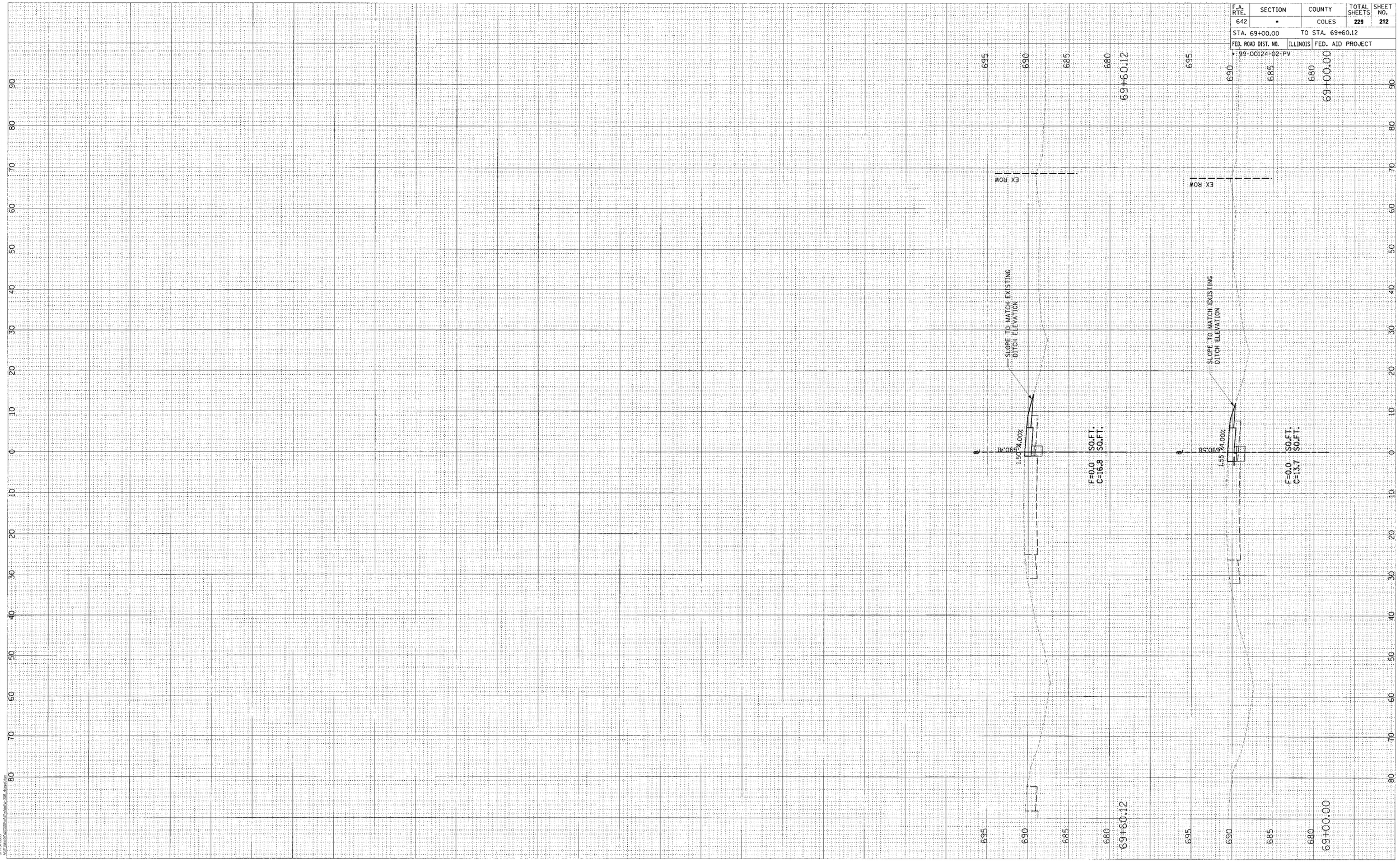
CONTRACT # 91353

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	212

STA. 69+00.00 TO STA. 69+60.12

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

• 99-00124-02-PV



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

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

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CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	213

STA. 60+00.00 TO STA. 63+00.00

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

* 99-00124-02-PV

CO. RD. 700E

OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

60+00.00

F=13.6 SQ.FT.
C=13.6 SQ.FT.

MATCH EXISTING @ STA. 60+00.00

PR ROW | EX ROW | EX ROW | PR ROW

61+00.00

F=26.6 SQ.FT.
C=49.9 SQ.FT.

S.D. 684.07

PR ROW | EX ROW | EX ROW | PR ROW

62+00.00

F=41.1 SQ.FT.
C=34.9 SQ.FT.

S.D. 684.33

PR ROW | EX ROW | EX ROW | PR ROW

63+00.00

F=45.8 SQ.FT.
C=33.8 SQ.FT.

S.D. 684.58

PR ROW | EX ROW | EX ROW | PR ROW

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

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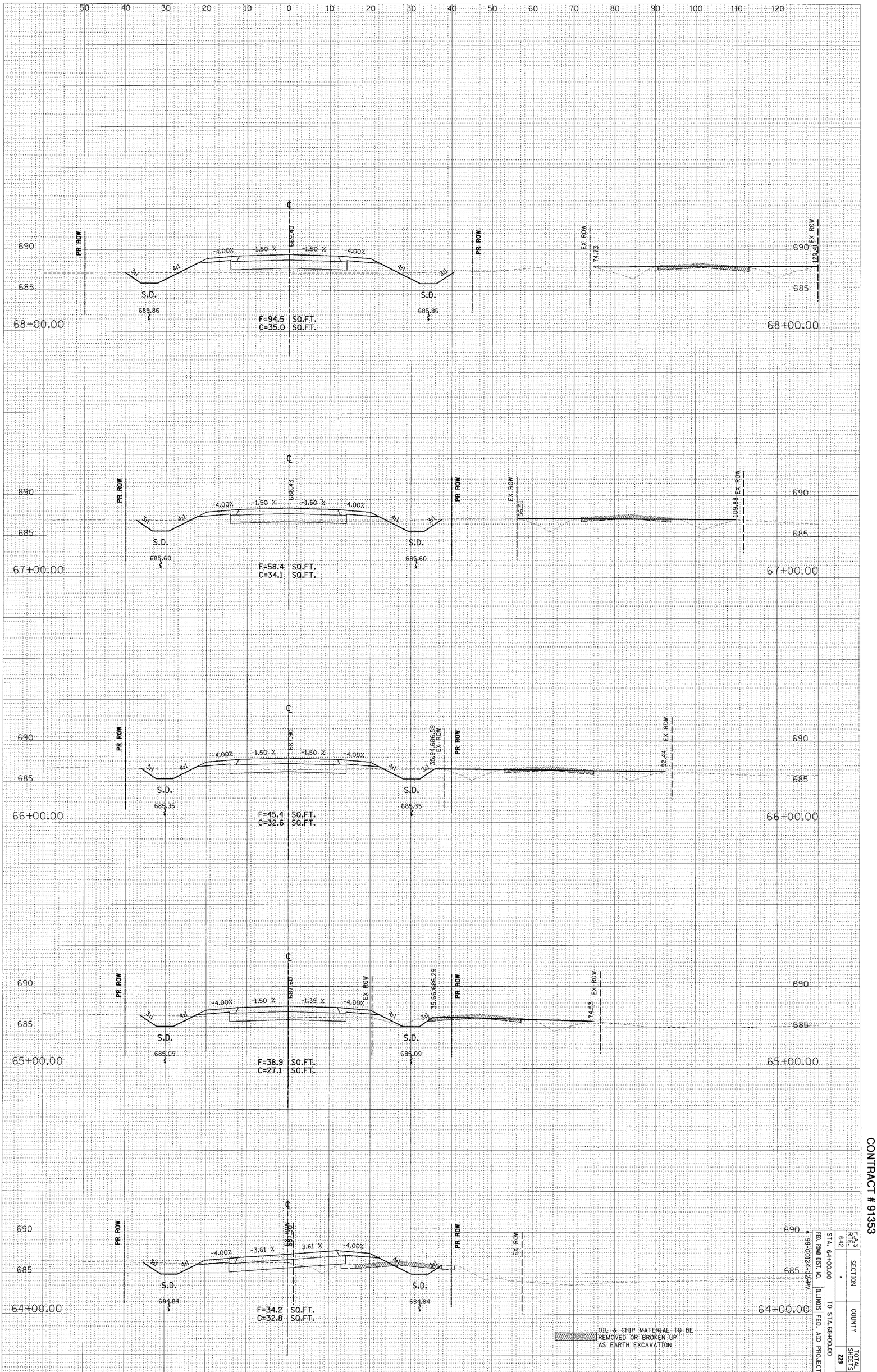
NO.	AREAS CHECKED		



OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*		229	214

STA. 64+00.00 TO STA.68+00.00

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

* 99-00124-02-PV

CONTRACT # 91353

CO. RD. 700E

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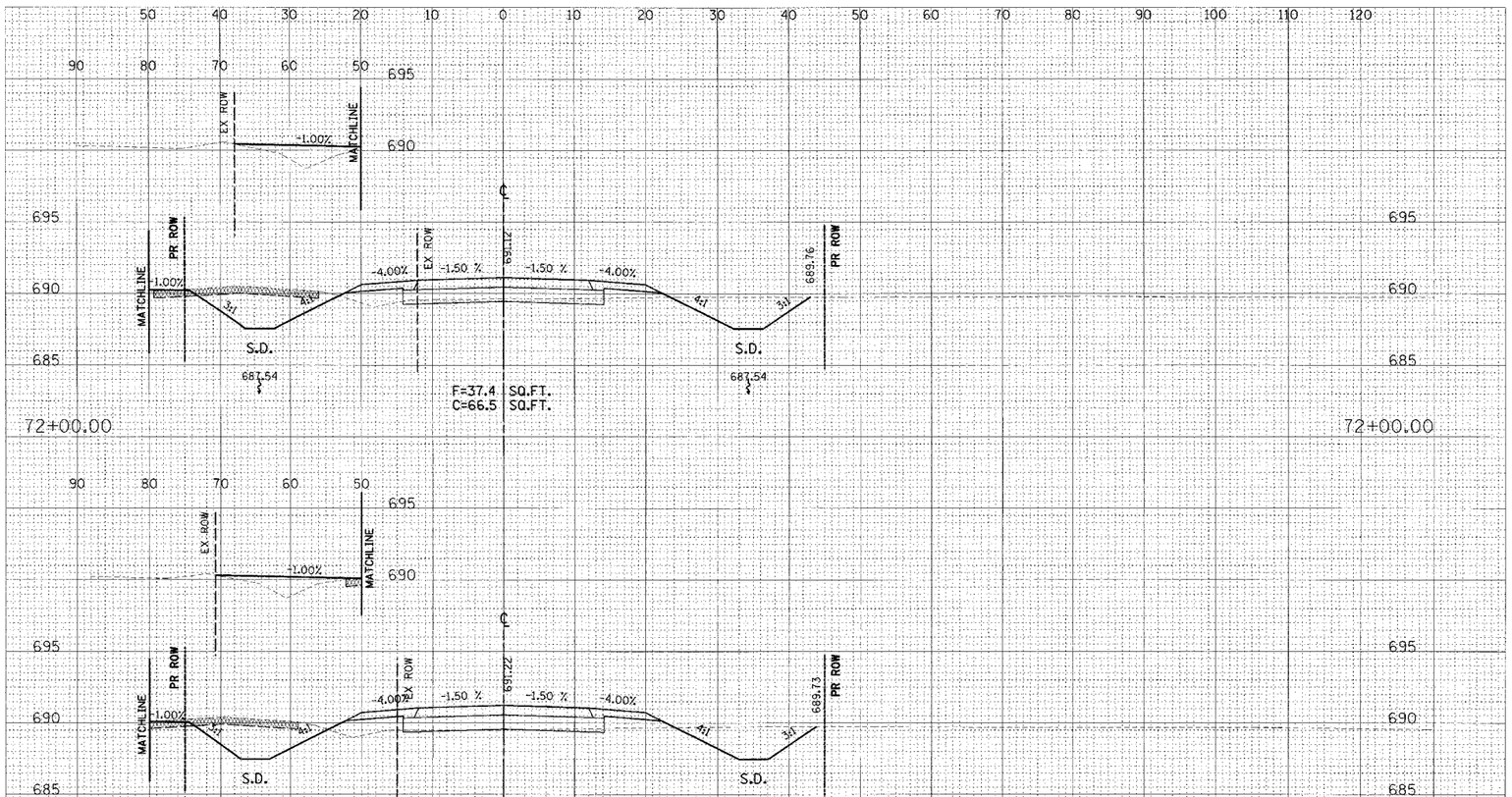
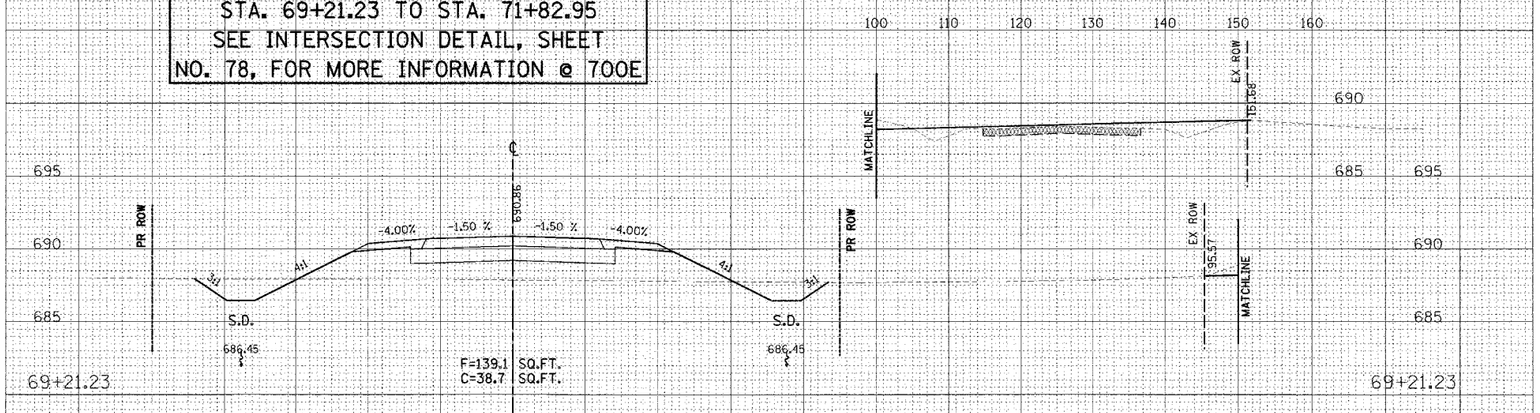
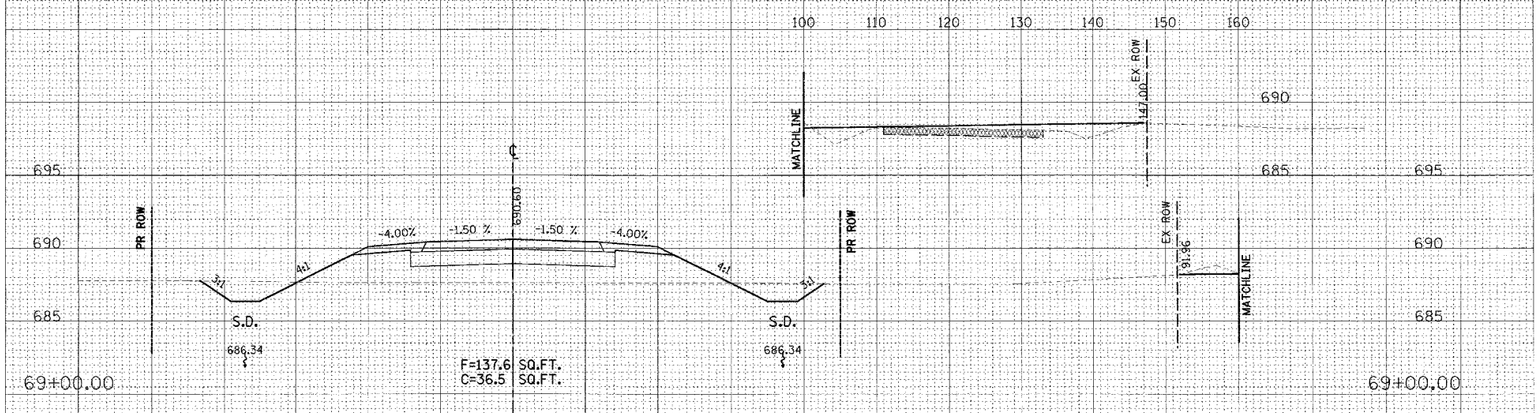
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

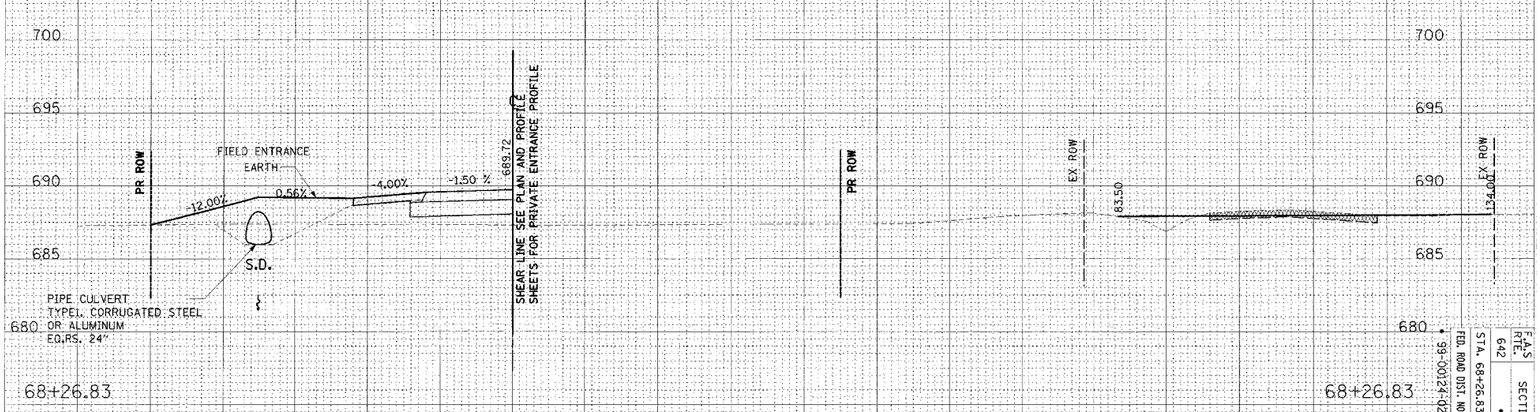
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		



INTERSECTION OMISSION
STA. 69+21.23 TO STA. 71+82.95
SEE INTERSECTION DETAIL, SHEET NO. 78, FOR MORE INFORMATION @ 700E







OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	215

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

STA. 68+26.83 TO STA. 72+00.00

• 99-00124-02-PV

CO. RD. 700E

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

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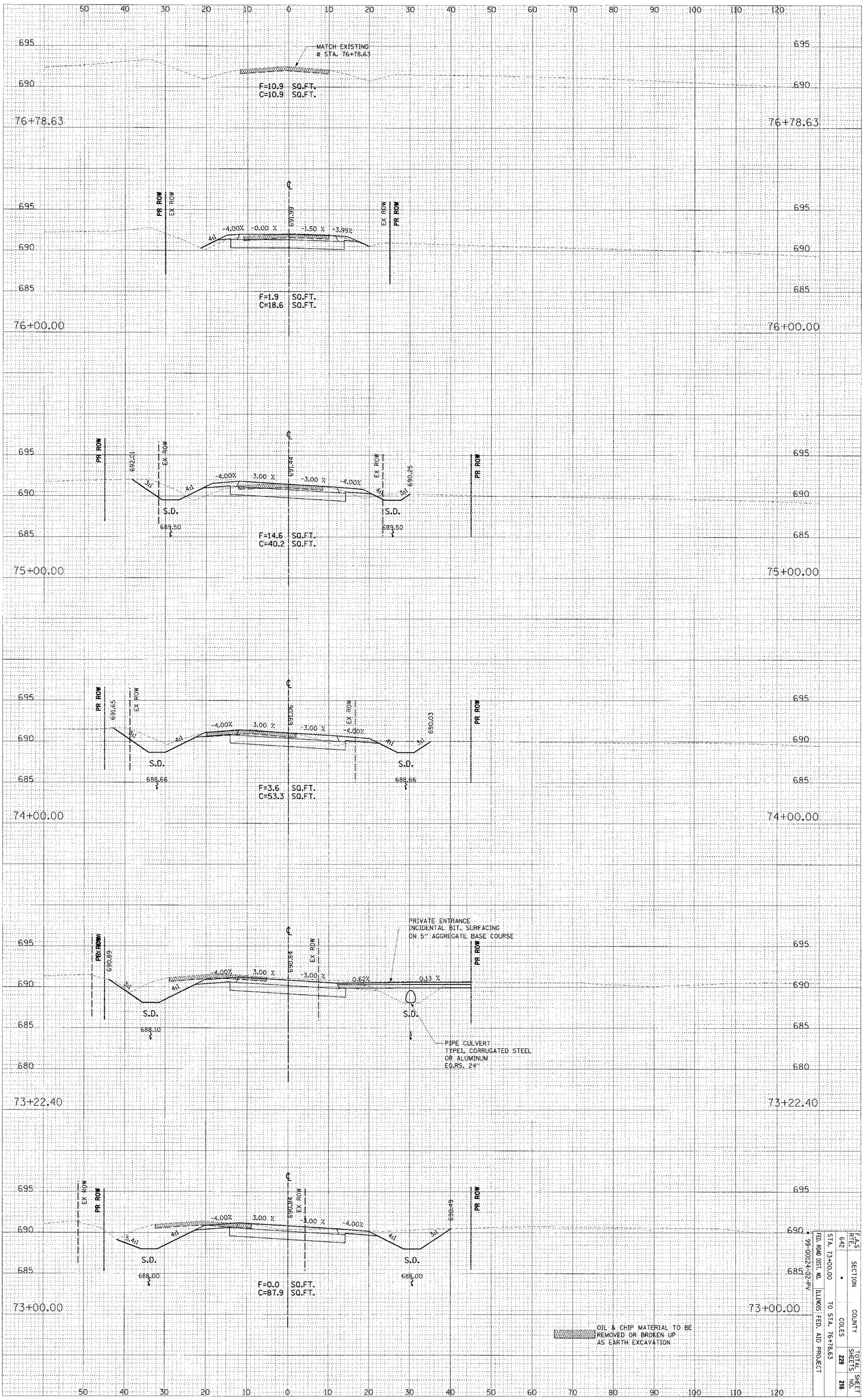
FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	216

STA. 73+00.00 TO STA. 76+78.63

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

99-00124-02-PV

CO. RD. 700E

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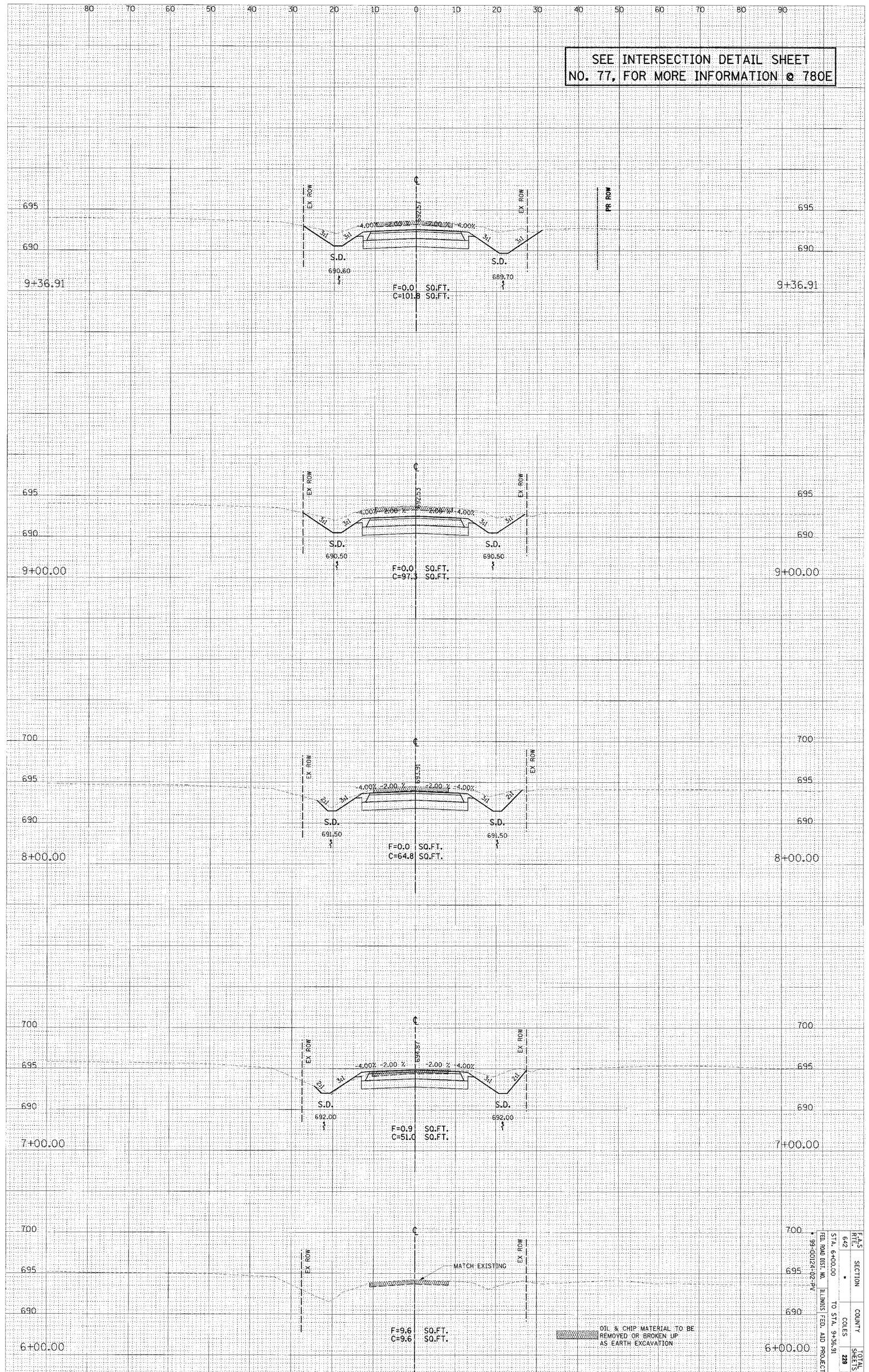
ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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

SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 780E



OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	228	217

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. 6+00.00 TO STA. 9+36.91
* 99-00124-02-PV

CONTRACT # 91353

CO. RD. 780E

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

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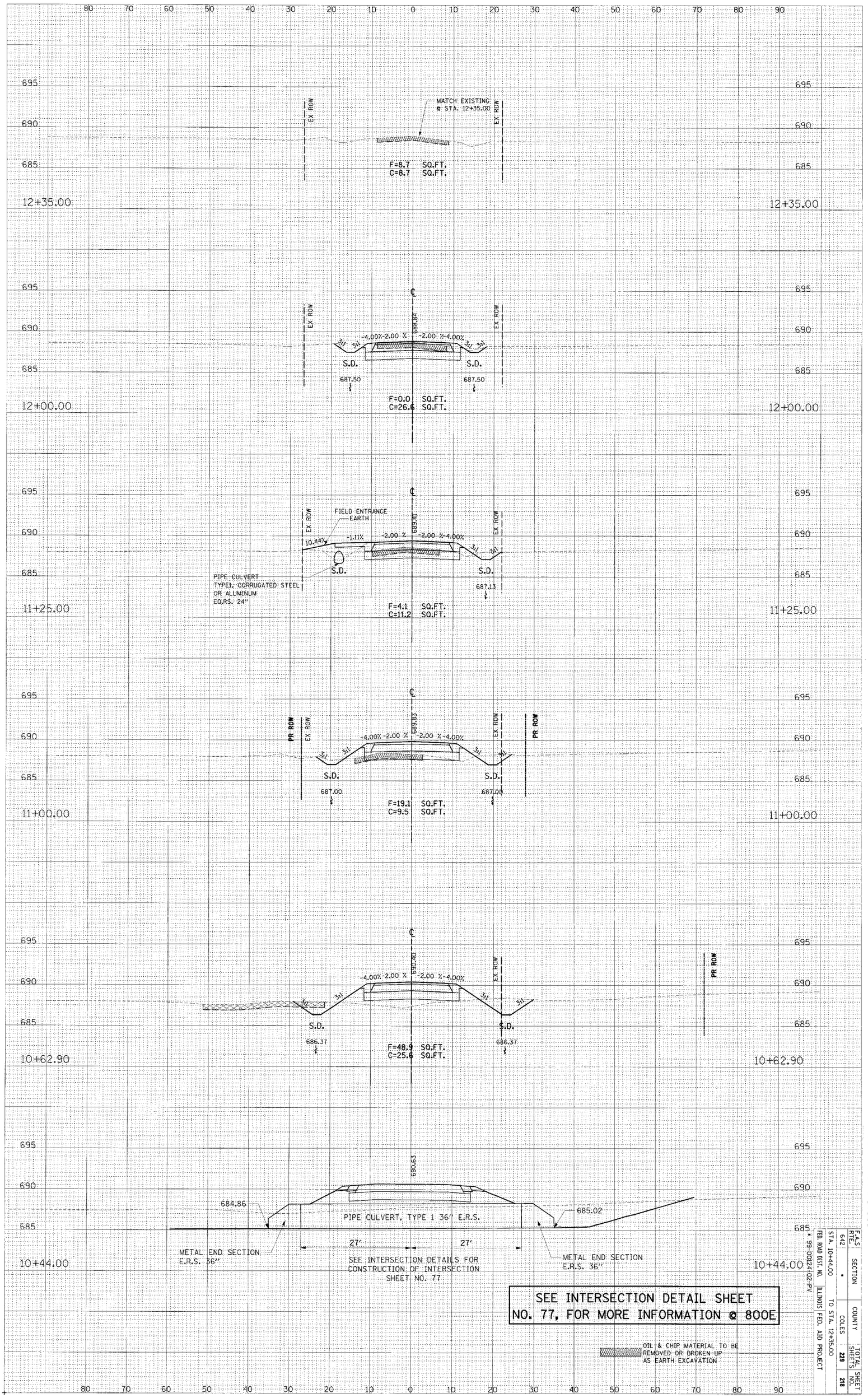
HANSON

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



CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	218

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. 10+44.00 TO STA. 12+35.00
• 99-00024-02-PV

CO. RD. 800E

CONTRACT # 91353

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	219
STA. 1+50.00		TO STA. 4+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
99-00124-02-PV				

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

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HANSON

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

CO. RD. 870E

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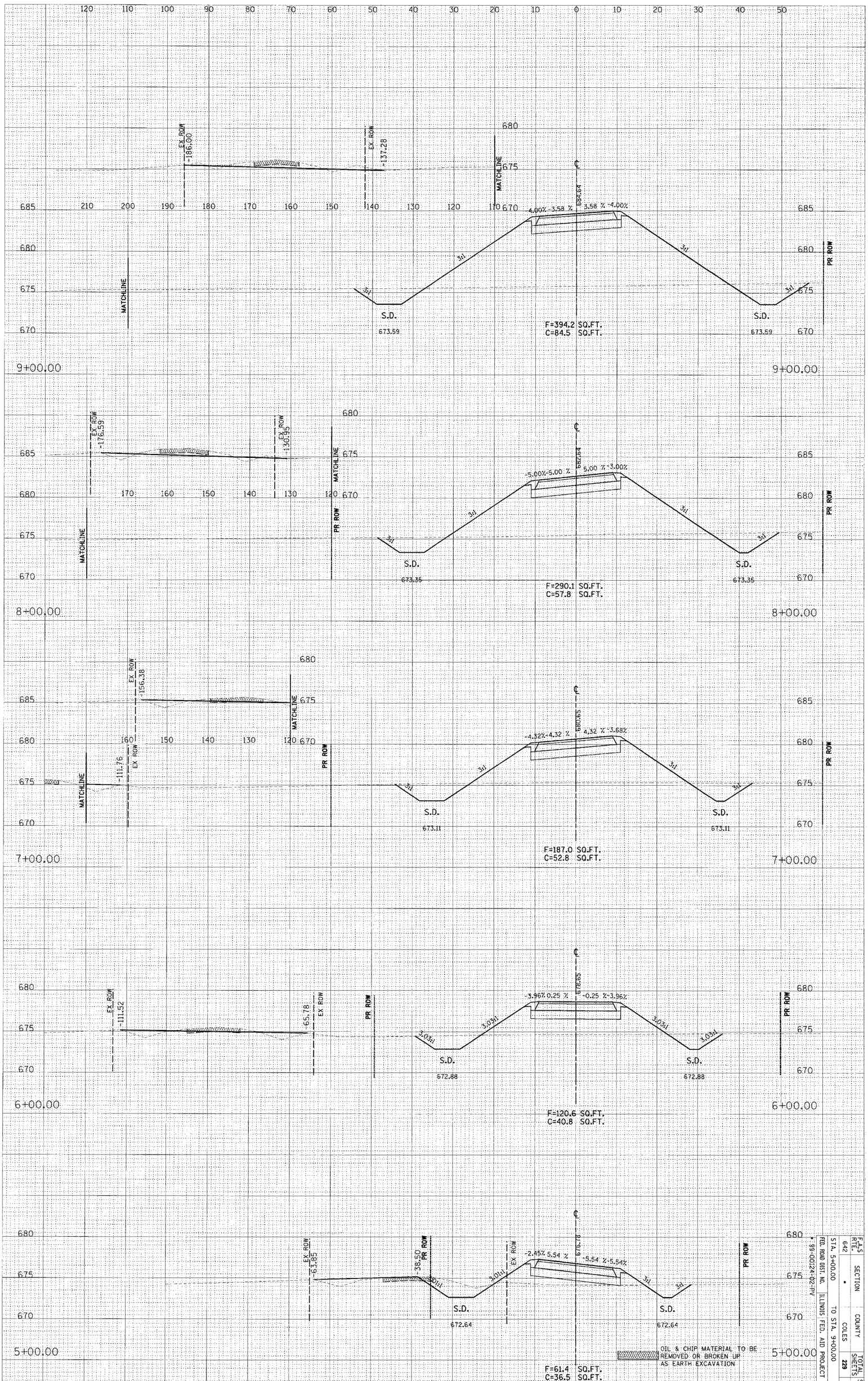
ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

HANSON

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



CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	•	COLES	229	220

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | • 99-00124-02-PV

STA. 5+00.00 TO STA. 9+00.00

CO. RD. 870E

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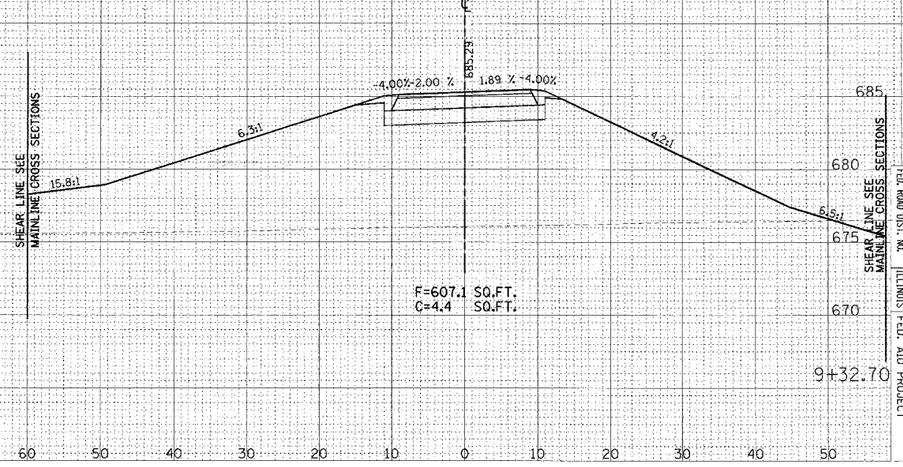
HANSON

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

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

SEE INTERSECTION DETAIL SHEET
NO. 77, FOR MORE INFORMATION @ 870E



CONTRACT # 91353

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	228	221
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STA. 9+32.70 TO STA. 9+32.70

CO. RD. 870E

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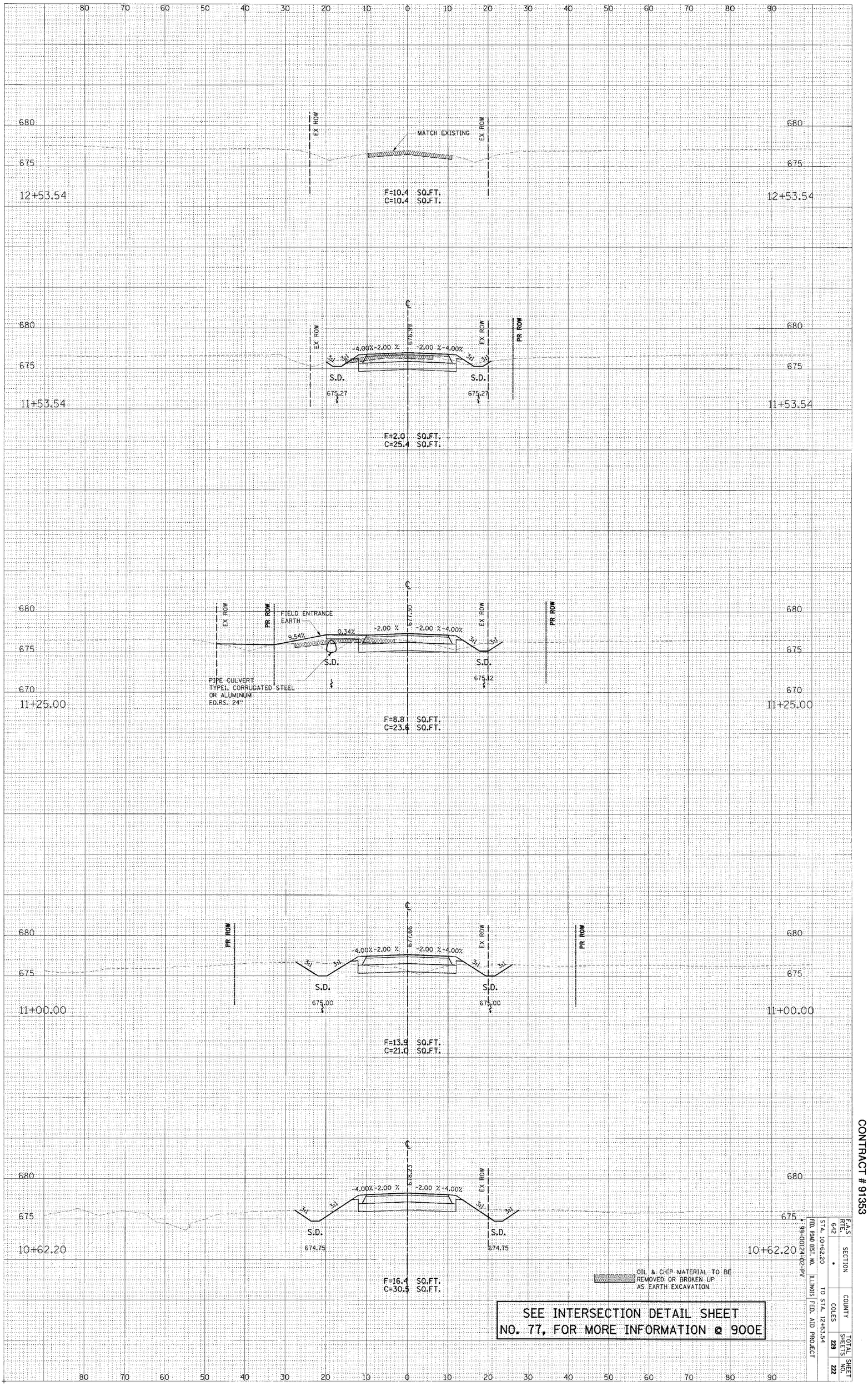
ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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



OIL & CHIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

SEE INTERSECTION DETAIL SHEET NO. 77, FOR MORE INFORMATION @ 900E

CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	228	222

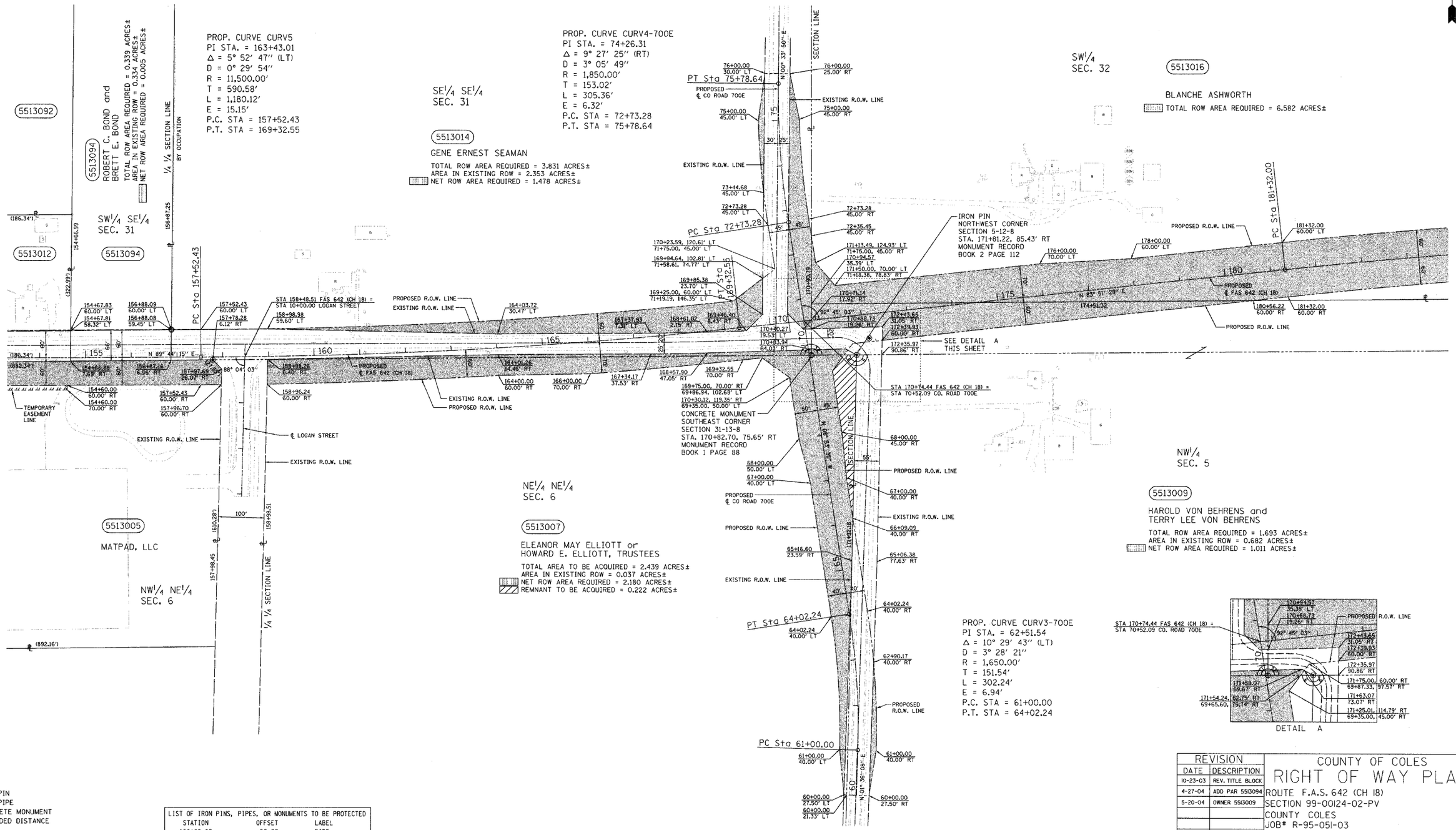
STA. 10+62.20 TO STA. 12+53.54

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

* 99-00124-02-PV

CO. RD. 900E

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.



LEGEND
- ◉ - IRON PIN
- ○ - IRON PIPE
- Ⓒ - CONCRETE MONUMENT
- (R) - RECORDED DISTANCE

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

LIST OF IRON PINS, PIPES, OR MONUMENTS TO BE PROTECTED

STATION	OFFSET	LABEL
156+88.09	-59.77	PIPE
157+78.28	6.18	PIN
170+82.70	75.65	CONC. MON.
171+81.22	85.43	PIN
172+12.49	52.52	PIN

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION	
DATE	DESCRIPTION
10-23-03	REV. TITLE BLOCK
4-27-04	ADD PAR 5513094
5-20-04	OWNER 5513009

COUNTY OF COLES

RIGHT OF WAY PLAN

ROUTE F.A.S. 642 (CH 18)
SECTION 99-00124-02-PV
COUNTY COLES
JOB# R-95-051-03
SEC 5-12-8, 6-12-8, 31-13-8 & 32-13-8
STA 154+00 TO STA 184+00
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100′ SHEET NO. 223 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235-3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-003424

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.

PROP. CURVE CURV6
PI STA. = 187+49.01
Δ = 6° 08′ 32″ (RT)
D = 0° 29′ 54″
R = 11,500.00′
T = 617.00′
L = 1,232.83′
E = 16.54′
P.C. STA = 181+32.00
P.T. STA = 193+64.83

SW¼
SEC. 32

5513016

BLANCHE ASHWORTH

¼ SECTION LINE

SE¼
SEC. 32

5513018

VIOLET E. RATHE and
LYNN MARIE RATHE McGINNIS, CO-TRUSTEES

TOTAL ROW AREA REQUIRED = 0.206 ACRES±
TEMPORARY EASEMENT AREA REQUIRED = 0.039 ACRES±

SE¼
SEC. 32

5513022

VIOLET E. RATHE, TRUSTEE

PROPOSED R.O.W. LINE

PT Sta 193+64.83

193+64.83 60.00' LT
194+00.00 60.00' LT
195+00.00 55.00' LT
198+31.98 55.00' LT
198+32.03 52.25' LT
193+64.83 60.00' RT
194+00.00 60.00' RT
195+00.00 55.00' RT
198+30.89 55.00' RT
198+30.21 119.07' RT

185 190 195 200 205 210

N 90° 00' 00" E

PROPOSED ℄ FAS 642 (CH 18)

206+00.00 55.00' LT
208+00.00 65.00' LT
206+00.00 55.00' RT
208+00.00 65.00' RT

198+31.47

211+25.79

211+25.00 74.39' LT
211+25.10 65.00' LT
TEMPORARY EASEMENT LINE
210+40.00 85.00' LT
210+40.00 65.00' LT
211+25.25 50.47' LT
211+24.88 85.00' LT
211+50.00 85.00' LT
211+50.00 65.00' LT
211+51.24 50.54' LT
211+76.75 26.37' LT
91° 00' 58"
211+77.40 50.03' RT
211+22.41 49.05' RT
211+00.00 65.00' RT
211+22.00 75.00' RT
211+49.11 75.00' RT
212+00.00 60.00' RT
211+77.00 75.00' RT

STA 211+50.78 FAS 642 (CH 18) =
STA 10+00.00 CO. ROAD 780E

℄ CO. ROAD 780E
EXISTING R.O.W. LINE
EXISTING R.O.W. LINE

211+50.38

NW¼
SEC. 5

5513009

HAROLD VON BEHRENS and
TERRY LEE VON BEHRENS

NE¼
SEC. 5

5513011

FREDERICK W. HESSE and
WANDA P. HESSE, TRUSTEES

TOTAL ROW AREA REQUIRED = 3.332 ACRES±
AREA IN EXISTING ROW = 0.077 ACRES±
NET ROW AREA REQUIRED = 3.255 ACRES±

5513071

THE ESTATE OF
JOSEPH ROY
ALLENBAUGH,
DECEASED

LEGEND
- STONE
- T-BAR
- RAILROAD SPIKE

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

LIST OF IRON PINS, PIPES, OR MONUMENTS TO BE PROTECTED		
STATION	OFFSET	LABEL
198+30.55	-50.65	STONE
211+25.03	-70.87	T-BAR
211+51.24	-50.32	RR SPIKE

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION	
DATE	DESCRIPTION
10-23-03	REV. TITLE BLOCK
4-02-04	ADD PAR 5513071
5-20-04	OWNER 5513009
1-12-05	OWNER 5513071

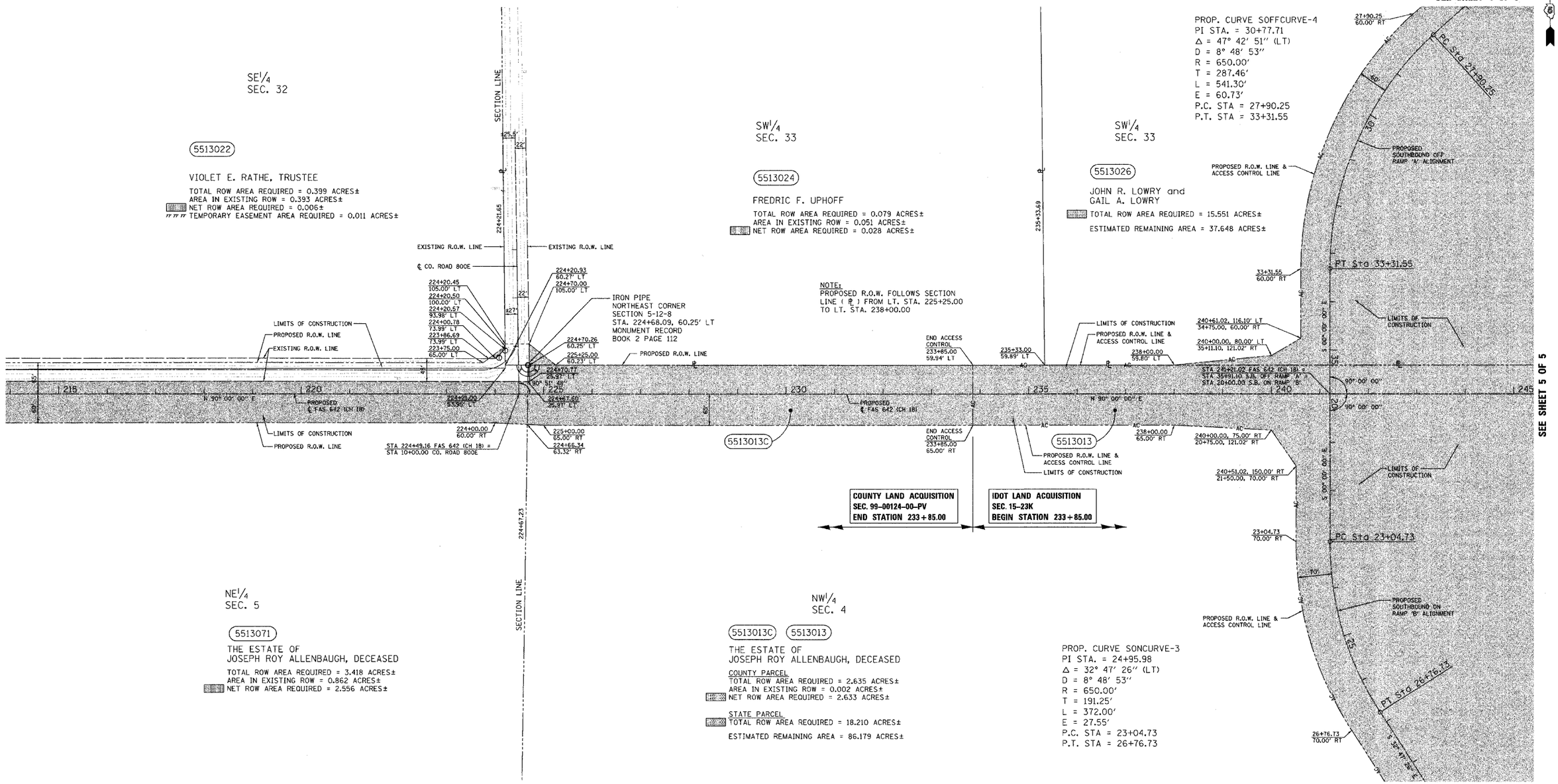
COUNTY OF COLES

RIGHT OF WAY PLAN

ROUTE F.A.S. 642 (CH 18)
SECTION 99-00124-02-PV
COUNTY COLES
JOB# R-95-051-03
SEC 5-12-8 & 32-13-8
STA 184+00 TO STA 214+00
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100' SHEET NO. 224 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235-3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-002469

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.



LEGEND
○ - IRON PIPE
⊕ - T-BAR

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

LIST OF IRON PINS, PIPES, OR MONUMENTS TO BE PROTECTED		
STATION	OFFSET	LABEL
224+07.92	-76.01	T-BAR
224+20.69	-91.05	T-BAR
224+68.09	-60.25	PIPE

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION	
DATE	DESCRIPTION
10-23-03	IDOT COMMENTS
4-02-04	ADD PAR 5513071
12-16-04	OWNER 5513013
1-12-05	OWNER 5513071

ILLINOIS DEPT. OF TRANSPORTATION

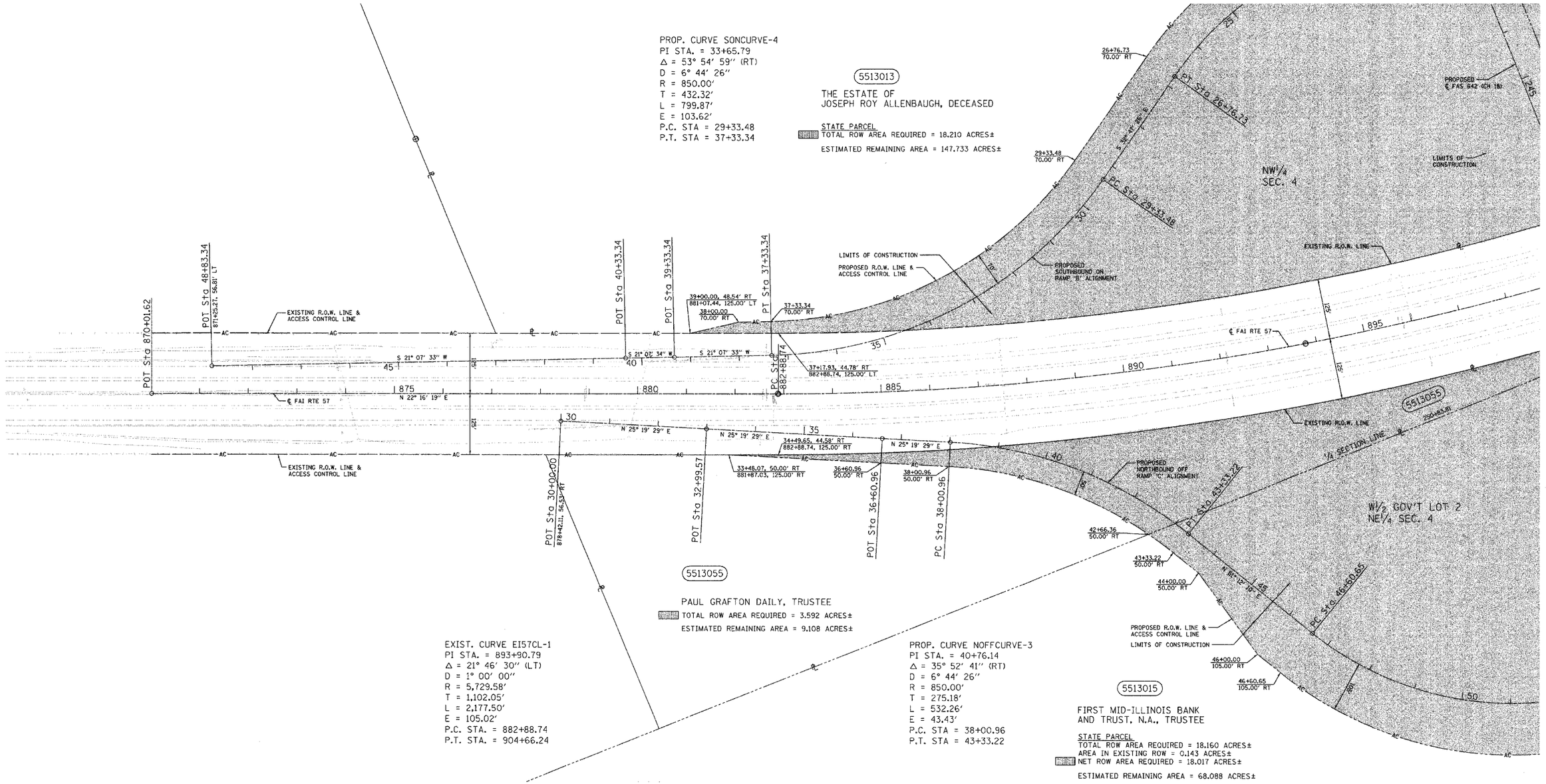
RIGHT OF WAY PLAN

ROUTE F.A.S. 642 (CH 18) & F.A.I. 57
SECTION 99-00124-02-PV & 15-23K
COUNTY COLES
JOB# R-95-051-03
SEC 4-12-8, 5-12-8, 32-13-8 & 33-13-8
STA 214+00 TO STA 245+00
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100' SHEET NO. 225 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235-3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-003640

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

SEE SHEET 2 OF 5



SEE SHEET 5 OF 5

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION	
DATE	DESCRIPTION
10-23-03	IDOT COMMENTS
12-16-04	OWNER 5513013

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN
ROUTE F.A.I. 57
SECTION 15-23K
COUNTY COLES
JOB# R-95-051-03
SEC 4-12-8
STA 870+00 TO STA 898+00 (FAI 57)
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100′ SHEET NO. 226 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235–3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-005349

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.

SEE SHEET 2 OF 5

SEE SHEET 5 OF 5

PROP. CURVE SOFFCURVE-3
PI STA. = 21+44.89
Δ = 44° 09′ 36″ (RT)
D = 6° 44′ 26″
R = 850.00′
T = 344.80′
L = 655.12′
E = 67.27′
P.C. STA = 18+00.09
P.T. STA = 24+55.21

PC Sta 27+90.25
27+90.25 60.00' RT
PT Sta 24+55.21
24+55.21 60.00' RT
3 47' 42.51" W
655.12'
30'
25'
20'
15'
10'
45'
55'
65'
70'

LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE & ACCESS CONTROL LINE
PROPOSED SOUTHBOUND OFF RAMP 'A' ALIGNMENT
EXISTING R.O.W. LINE
EXISTING R.O.W. LINE & ACCESS CONTROL LINE

5513026

JOHN R. LOWRY and
GAIL A. LOWRY

TOTAL ROW AREA REQUIRED = 15.551 ACRES±
ESTIMATED REMAINING AREA = 37.648 ACRES±

SW¼
SEC. 33

5513082

OPAL I. RATHE

TOTAL ROW AREA REQUIRED = 0.005 ACRES±
ESTIMATED REMAINING AREA = 83.685 ACRES±

PC Sta 18+00.09
POT Sta 16+60.09
POT Sta 12+99.57
POT Sta 10+00.00
923+41.35, 56.99' LT
POT Sta 928+99.72

18+00.09 60.00' RT
17+50.00 60.00' RT
16+50.00 45.00' RT
15+23.83 45.00' RT
14+34.33 45.00' RT
919+10.06 125.00' LT
15+23.54, 40.23' RT
918+20.70, 125.00' LT

S 03° 33' 16" W
N 00° 29' 49" E

PT Sta 904+66.24
904+66.24 125.00' LT
905
910
915
920
925
℄ FAI RTE 57

N 00° 38' 57" W
60+43.43, 50.25' RT
918+19.98, 125.00' RT
63+00.00, 55.38' RT
920+76.60, 125.00' RT
64+25.98 57.90' RT
60+43.43 70.00' RT
62+00.00 70.00' RT
58+10.12 70.00' RT
60+10.12 70.00' RT
POT Sta 69+60.12
927+35.44, 56.43' RT

5513028

JAMIE STEINHILBER

TOTAL ROW AREA REQUIRED = 7.145 ACRES±
INACCESSIBLE REMNANT AREA = 2.887 ACRES±
TOTAL AREA TO BE ACQUIRED = 10.032 ACRES±
ESTIMATED REMAINING AREA = 0.000 ACRES±

INACCESSIBLE REMNANT OF 2.887 ACRES± TO BE ACQUIRED BY THE STATE OF ILLINOIS

PT Sta 58+10.12
POT Sta 60+10.12
POT Sta 61+10.12

257+35.19
51+71.60 70.00' RT
51+25.99 70.00' RT
51+00.00 70.00' RT
56+81.54 273.37' RT
56+67.09 327.51' RT
TEMPORARY EASEMENT LINE

5513030

PROPOSED R.O.W. LINE & ACCESS CONTROL LINE
LIMITS OF CONSTRUCTION
49+00.00 120.00' RT
48+24.68 120.00' RT
PC Sta 42+94.15

SE¼
SEC. 33

5513030

FIRST MID-ILLINOIS BANK
AND TRUST, N.A., TRUSTEE

STATE PARCEL
TOTAL ROW AREA REQUIRED = 10.329 ACRES±
AREA IN EXISTING ROW = 0.214 ACRES±
NET ROW AREA REQUIRED = 10.115 ACRES±
TEMPORARY EASEMENT AREA REQUIRED = 0.557 ACRES±

ESTIMATED REMAINING AREA = 105.184 ACRES±

PROP. CURVE NONCURVE-4
PI STA. = 54+87.80
Δ = 46° 06′ 54″ (RT)
D = 6° 44′ 26″
R = 850.00′
T = 361.81′
L = 684.13′
E = 73.80′
P.C. STA = 51+25.99
P.T. STA = 58+10.12

SEE SHEET 5 OF 5

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR RAMP CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.

REVISION	
DATE	DESCRIPTION
10-23-03	IDOT COMMENTS

ILLINOIS DEPT. OF TRANSPORTATION
RIGHT OF WAY PLAN
ROUTE F.A.I. 57
SECTION 15-23K
COUNTY COLES
JOB# R-95-051-03
SEC 33-13-8
STA 903+00 TO STA 929+00 (FAI 57)
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100' SHEET NO. 227 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235-3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-003401

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.

SEE SHEET 4 OF 5

SEE SHEET 2 OF 5

EXISTING R.O.W. LINE
℄ FAI RTE 57

5513026
JOHN R. LOWRY and
GAIL A. LOWRY
(SEE FAI 57 SHEET 2 OF 5)

904+66.24
125.00' LT
PT Sta 904+66.24

EXISTING R.O.W. LINE

PROPOSED NORTHBOUND ON RAMP 'D' ALIGNMENT

PT Sta 48+24.68

PROP. CURVE NONCURVE-3
PI STA. = 45+75.19
Δ = 46° 45' 51" (LT)
D = 8° 48' 53"
R = 650.00'
T = 281.04'
L = 530.53'
E = 58.15'
P.C. STA = 42+94.15
P.T. STA = 48+24.68

LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE & ACCESS CONTROL LINE

5513028
JAMIE STEINHILBER
(SEE FAI 57 SHEET 4 OF 5)

EXIST. CURVE EI57CL-1
PI STA. = 893+90.79
Δ = 21° 46' 30" (LT)
D = 1° 00' 00"
R = 5,729.58'
T = 1,102.05'
L = 2,177.50'
E = 105.02'
P.C. STA. = 882+88.74
P.T. STA. = 904+66.24

5513030

PC Sta 42+94.15

42+94.15
120.00' RT

LIMITS OF CONSTRUCTION

258+49.33, 175.00' LT
41+75.00, 120.00' RT

259+50.00, 140.00' LT
41+40.00, 220.67' RT

248+04.93, 59.46' LT
900+60.04, 125.00' LT

250+56.72, 83.71' LT
900+63.85, 125.00' RT

253+34.52
58.88' LT

STA 257+29.33 FAS 642 (CH 18) =
STA 56+13.83 N.B. OFF RAMP 'C'
STA 40+00.00 N.B. ON RAMP 'D'

60° 00' 00"
90° 00' 00"

PROPOSED ℄ FAS 642 (CH 18)

IRON PIPE
NORTH QUARTER CORNER
SECTION 4-12-8
STA. 250+84.26, 59.36' LT
MONUMENT RECORD
BOOK 2 PAGE 111

N 90° 00' 00" E

STA 249+25.89 FAS 642 (CH 18) =
STA 900+00.56 FAI 57

EXISTING R.O.W. LINE
℄ FAI RTE 57

LIMITS OF CONSTRUCTION

PT Sta 53+54.97

PROPOSED NORTHBOUND OFF RAMP 'C' ALIGNMENT

5513035
250+83.81

PROP. CURVE NOFFCURVE-4
PI STA. = 50+45.08
Δ = 61° 12' 10" (LT)
D = 8° 48' 53"
R = 650.00'
T = 384.43'
L = 694.32'
E = 105.17'
P.C. STA = 46+60.65
P.T. STA = 53+54.97

EXISTING R.O.W. LINE
℄ FAI RTE 57

NW¼ SEC. 4

W½ GOV'T LOT 2
NE¼ SEC. 4

LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE & ACCESS CONTROL LINE

5513015C 5513015
FIRST MID-ILLINOIS BANK
AND TRUST, N.A., TRUSTEE

COUNTY PARCEL
TOTAL ROW AREA REQUIRED = 0.317 ACRES±
AREA IN EXISTING ROW = 0.264 ACRES±
NET ROW AREA REQUIRED = 0.053 ACRES±

STATE PARCEL
TOTAL ROW AREA REQUIRED = 18.160 ACRES±
AREA IN EXISTING ROW = 0.143 ACRES±
NET ROW AREA REQUIRED = 18.017 ACRES±

ESTIMATED REMAINING AREA = 68.088 ACRES±

SE¼ SEC. 33

5513030C 5513030

FIRST MID-ILLINOIS BANK
AND TRUST, N.A., TRUSTEE

COUNTY PARCEL
TOTAL ROW AREA REQUIRED = 0.429 ACRES±
AREA IN EXISTING ROW = 0.429 ACRES±
NET ROW AREA REQUIRED = 0.000 ACRES±

STATE PARCEL
TOTAL ROW AREA REQUIRED = 10.329 ACRES±
AREA IN EXISTING ROW = 0.214 ACRES±
NET ROW AREA REQUIRED = 10.115 ACRES±
TEMPORARY EASEMENT AREA REQUIRED = 0.557 ACRES±

ESTIMATED REMAINING AREA = 105.184 ACRES±

IDOT LAND ACQUISITION
SEC. 15-23K
END STATION 266+50.00

COUNTY LAND ACQUISITION
SEC. 99-00124-00-PV
BEGIN STATION 266+50.00

264+03.00
56.82' LT
END ACCESS CONTROL
264+60.00
94.00' LT

266+50.00
113.88' LT

266+50.00
75.00' LT

5513030C

LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE
EXISTING R.O.W. LINE

275+50.20
103.29' LT
275+65.00
70.00' LT

262+00.00
120.00' LT

263+64.30
117.25' LT

263+64.28
103.57' LT

264+38.21
56.80' LT

264+08.14
11.91' LT

266+50.00
56.25' LT

267+00.00
70.00' LT

EXISTING R.O.W. LINE

PROPOSED ℄ FAS 642 (CH 18)

STA 264+50.00 FAS 642 (CH 18) =
STA 10400.00 CO. ROAD 870E

263+63.36
106.00' RT

PT Sta 9+04.63

END ACCESS CONTROL
266+50.00, 75.00' RT
9+25.00, 100.00' RT

266+09.97, 100.56' RT
9+00.00, 60.00' RT

5513017C

LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE

275+00.00
75.00' RT

264+02.00, 103.63' RT
8+92.91, 147.90' LT

264+60.00, 100.00' RT
8+98.95, 89.97' LT

264+88.24, 134.59' RT
8+60.00, 60.00' LT

259+00.00, 135.00' RT
54+78.93, 170.67' RT

5513015

5513017

PROPOSED ℄ CO. ROAD 870E

PC Sta 6+81.96

6+81.96
60.00' LT
6+75.00
60.00' LT
6+33.00
88.06' LT

6+33.00
79.90' LT
END ACCESS CONTROL
6+33.00, 54.00' LT

6+81.96
60.00' RT
6+75.00
60.00' RT
END ACCESS CONTROL
6+33.00, 54.31' RT

E½ NE¼ SEC. 4

5513017C 5513017

PRINCETON MINING COMPANY, INC.,
AN INDIANA CORPORATION

COUNTY PARCEL
TOTAL AREA TO BE ACQUIRED = 7.781 ACRES±
AREA IN EXISTING ROW = 0.102 ACRES±
NET ROW AREA REQUIRED = 7.656 ACRES±
REMNANT TO BE ACQUIRED = 0.041 ACRES±

STATE PARCEL
TOTAL AREA TO BE ACQUIRED = 1.959 ACRES±
AREA IN EXISTING ROW = 0.070 ACRES±
NET ROW AREA REQUIRED = 1.587 ACRES±
REMNANT TO BE ACQUIRED = 0.336 ACRES±

ESTIMATED REMAINING AREA = 229.405 ACRES±

IDOT LAND ACQUISITION
SEC. 15-23K
BEGIN STATION 6+33.00

COUNTY LAND ACQUISITION
SEC. 99-00124-00-PV
END STATION 6+33.00

5513017

PROPOSED R.O.W. LINE

5+35.00
40.00' LT
5+28.70
39.07' LT
4+50.22
45.46' LT

5+27.37
40.00' RT

PT Sta 5+27.37

4+13.00
35.00' LT

LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE

PROP. CURVE CURV3-870E
PI STA. = 4+17.91
Δ = 25° 30' 59" (RT)
D = 11° 27' 33"
R = 500.00'
T = 113.21'
L = 222.67'
E = 12.66'
P.C. STA = 3+04.70
P.T. STA = 5+27.37

PROP. CURVE CURV4-870E
PI STA. = 7+95.17
Δ = 25° 31' 00" (LT)
D = 11° 27' 33"
R = 500.00'
T = 113.21'
L = 222.67'
E = 12.66'
P.C. STA = 6+81.96
P.T. STA = 9+04.63

3+04.70
35.00' LT

PC Sta 3+04.70

3+04.70
40.00' RT
2+50.00
40.00' RT

2+50.00
35.00' LT

5513015C

5513017C

1+50.00
22.00' LT

1+50.00
22.00' RT
1+50.00
11.65' RT

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

SEE SHEET 3 OF 5

LEGEND
◉ - IRON PIN
✪ - IRON PIPE

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

LIST OF IRON PINS, PIPES, OR MONUMENTS TO BE PROTECTED		
STATION	OFFSET	LABEL
250+84.26	-59.36	PIPE
253+34.52	-58.94	PIN

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION	
DATE	DESCRIPTION
10-23-03	IDOT COMMENTS
11-05-04	AC PAR 5513030

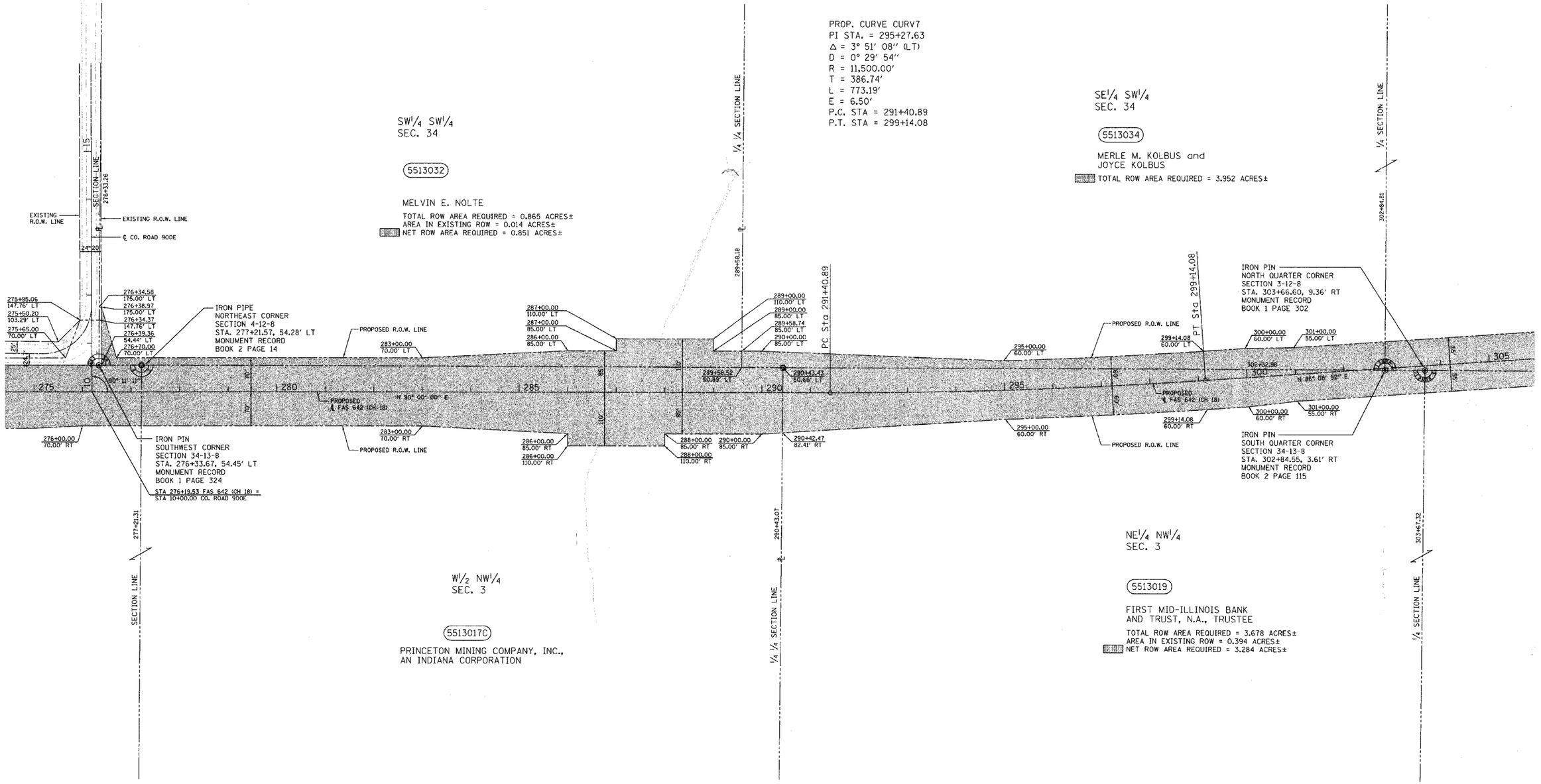
ILLINOIS DEPT. OF TRANSPORTATION

RIGHT OF WAY PLAN

ROUTE F.A.S. 642 (CH 18) & F.A.I. 57
SECTION 99-00124-02-PV & 15-23K
COUNTY COLES
JOB# R-95-051-03
SEC 4-12-8 & 33-13-8
STA 245+00 TO STA 275+00
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100' SHEET NO. 228 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235-3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-001410

T.13N.–R.8E., 3rd P.M., HUMBOLDT TWP.



LEGEND
◉ - IRON PIN
✪ - IRON PIPE

NOTES:
1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

LIST OF IRON PINS, PIPES, OR MONUMENTS TO BE PROTECTED

STATION	OFFSET	LABEL
276+18.10	-57.89	PIN
276+33.67	-54.45	PIN
277+21.57	-54.28	PIPE
290+43.43	-50.41	PIPE
302+84.55	3.61	PIN
303+66.60	9.36	PIN

T.12N.–R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION	
DATE	DESCRIPTION

COUNTY OF COLES

RIGHT OF WAY PLAN

ROUTE F.A.S. 642 (CH 18)
SECTION 99-00124-02-PV
COUNTY COLES
JOB# R-95-051-03
SEC 3-12-8 & 34-13-8
STA 275+00 TO STA 305+00
DRAWN S.A.E. CHECKED D.E.H.
SCALE: 1"= 100' SHEET NO. 229 OF 229

THE UPCHURCH GROUP, INC., 1810 CHARLESTON AVE, MATTOON, ILLINOIS 61938, (217) 235-3177
PROFESSIONAL DESIGN FIRM CORPORATION LICENSE NO. 184-003401