F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	501
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

Boring No. 42, Page 1 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 2/26/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY
SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-2791 DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION I-80/94 S. ___, TWP. 36 N, RNG. 14E/15 E

Boring No. 42
Station 6+808 (CL I-80/94)
Offset 16.00m LT.
Surface Elev. 186.50 m

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
ASPHALT 186.33							
CRUSHED STONE 186.20							
Stiff to Very Stiff, Brown and Gray SILTY CLAY trace - gravel	3 5 5	278 B	21		3 4 5	77 B	25
	3 2 5	201 B	18		3 2 2	115 B	24
				177.36			
	3 5 6	182 B	18	Medium Stiff to Stiff, Gray SILTY CLAY LOAM trace - gravel			
	4 4 6	172 B	22		2 3 4	77 B	24
	3 4 5	249 B	20				
	3 4 4	201 B	21		3 4 4	163 B	21
FILL 181.65							
Medium Stiff to Hard, Brown and Gray SILTY CLAY trace - gravel	3 5 5	517 B	19				
	3 5 7	278 B	18		3 4 6	163 B	21
Gray after 5.15 m							
	4 5 7	163 B	19				
	3 4 4	115 B	18		1 2 3	144 B	22

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 43, Page 1 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 2/28/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY
SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-2791 DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION I-80/94 S. ___, TWP. 36 N, RNG. 14E/15 E

Boring No. 43
Station 6+737 (CL I-80/94)
Offset 16.00m RT.
Surface Elev. 186.50 m

Surface Water Elev. ___
Groundwater Elev. ___
when drilling ___
at Completion ___
after ___ Hrs. ___

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
ASPHALT 186.15							
Medium Stiff to Very Stiff, Brown and Gray SILTY CLAY trace - gravel and roots	3 4 7	172 B	24		2 2 3	172 B	20
	5 3 6	77 B	27				
					3 2 3	201 B	21
	3 4 5	201 B	22	177.35			
				Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - gravel			
	3 4 6	249 B	21				
	3 4 5	240 B	20				
trace - topsoil at 4.05 m							
	2 3 5	249 B	31		3 4 5	201 B	21
FILL 181.85							
Stiff to Hard, Brown and Gray SILTY CLAY trace - gravel	2 4 6	498 B	19				
	2 4 5	268 B	20		4 4 5	220 B	21
	3 4 5	201 B	20				
Gray after 6.9 m							
	2 4 4	115 B	20		4 5 7	211 B	20

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 44, Page 1 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 2/20/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY
SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-2791 DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION I-80/94 S. ___, TWP. 36 N, RNG. 14E/15 E

Boring No. 44
Station 6+757 (CL I-80/94)
Offset 22.00m RT.
Surface Elev. 182.20 m

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
TOPSOIL 181.90				174.55			
Stiff, Brown, Gray and Black SILTY CLAY trace - gravel	3 2 4	183 B	21	Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - gravel	2 3 4	163 B	19
FILL 181.30							
Stiff, Brown and Gray SILTY CLAY trace - gravel	4 3 5	153 B	22		2 4 4	163 B	20
Gray after 1.65 m							
	2 4 6	163 B	19				
	2 4 5	163 B	16		2 3 5	201 B	20
Medium Dense, Gray SILTY LOAM 176.05							
	3 10 14		21				
	8 5 12		20		3 4 5	276 B	19
Stiff, Gray SILTY CLAY LOAM trace - gravel 177.55	2 3 5	163 B	16				
Medium Dense, Gray SILTY LOAM 176.80	5 10 13		19		5 5 10	363 B	13
Stiff, Gray SILTY CLAY LOAM trace - gravel 176.05	3 3 3	95 B	23				
				168.40			
				Hard, Gray CALY LOAM (Hardpan) trace to little - gravel			
Loose, Gray SILTY LOAM trace - gravel 175.30	1 2 4		17		6 9 9	479 B	13

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 42, Page 2 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 2 of 2
Date 2/26/02

STRUCTURE NO. 016-2791
ROUTE FAI 80/94
SECTION WEST OF IL 83 TO EASTOF BURNHAM AVE.
COUNTY COOK

Boring No. 42
Station 6+808 (CL I-80/94)
Offset 16.00m LT.
Surface Elev. 171.50 m

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
	2 3 4	115 B	19		4 6 9	240 B	15
Very Stiff to Hard, Gray CLAY LOAM trace to little - gravel 169.55				Hard, Gray CALY LOAM (Hardpan) trace to little - gravel 162.20			
	5 7 9	431 B	14		9 16 21	747 B	12
	7 9 12	517 B	13		22 32 43	851 S	12
				END OF BORING 158.50			
	3 3 6	316 B	14				
	5 7 10	278 B	13				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 43, Page 2 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 2 of 2
Date 2/28/02

STRUCTURE NO. 016-2791
ROUTE FAI 80/94
SECTION WEST OF IL 83 TO EASTOF BURNHAM AVE.
COUNTY COOK

Boring No. 43
Station 6+737 (CL I-80/94)
Offset 16.00m RT.
Surface Elev. 171.50 m

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
	2 4 5	201 B	20				
				Hard, Gray CLAY LOAM (Hardpan) trace to little - gravel 163.55			
	7 7 9	354 B	14		6 10 15	383 P	15
	6 7 10	297 B	14		12 16 21	671 B	14
				END OF BORING 159.50	15 17 42	789 S	13
Medium Dense, Gray SILTY LOAM 165.05	5 6 7	240 B	14				
	7 11 11		14				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 44, Page 2 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 2 of 2
Date 2/20/02

STRUCTURE NO. 016-2791
ROUTE FAI 80/94
SECTION WEST OF IL 83 TO EASTOF BURNHAM AVE.
COUNTY COOK

Boring No. 44
Station 6+757 (CL I-80/94)
Offset 22.00m RT.
Surface Elev. 167.29 m

DEPTH	BLOWS	Qu kPa	W %
	5 8 9	383 P	15
	4 7 9	383 P	15
	6 7 11	431 P	15
Very Dense to Extreme Dense, Gray SILTY LOAM (Hardpan) trace to little - gravel 162.35			
	9 23 35		10
END OF BORING 150.00	50/125 mm		13

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

SHT. BS-59 OF 60

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
I-80/94 OVER BURNHAM AVENUE
STRUCTURE NO. 016-2791 STA. 6+772.591
SECTION 1977-121-R
COOK COUNTY

BORING LOGS - II

DATE: 7/18/2005
DRAWN BY: LG
CHECKED BY: MJK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\AB9900ADGN..\3095R32ADGN T:\DOCUMENTS\93750\STRUCTS\DGN\B076032A.DGN
7-12-2005,02:27:06
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
BAJZKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	502
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2 CONTRACT NO. 62111

Boring No. 45, Page 1 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 2/20/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY
SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-2791 DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION I-80/94 S ___, TWP. 36 N, RNG. 14E/15 E

Boring No. 45
Station 6+788 (CL I-80/94)
Offset 23.50m RT
Surface Elev. 182.30 m

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after 24 Hrs. 174.8

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
TOPSOIL 182.00							
	3 4 5	249	B 21		2 5 6	163	B 21
	5 6 7	278	B 21		3 4 7	163	B 20
-1.5				-6.0			
Gray after 1.85 m	2 4 7	115	B 20				
179.75							
Medium Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - gravel	2 3 5	115	B 20		3 5 7	163	B 21
-3.0				-10.9			
	1 3 3	77	B 23				
	2 3 4	115	B 22		3 6 9	240	B 16
-4.5				-12.5			
	1 2 3	96	B 27				
	2 2 4	96	B 25		6 9 12	316	B 14
-6.0				-13.6			
	2 2 5	115	B 21				
	2 4 8	162	B 21		5 7 10	278	B 14
-9.0				-15.4			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 46, Page 1 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 2/25/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY
SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-2791 DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION I-80/94 S ___, TWP. 36 N, RNG. 14E/15 E

Boring No. 46
Station 6+808 (CL I-80/94)
Offset 15.00m RT
Surface Elev. 186.40 m

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
ASPHALT 186.23							
CRUSHED STONE 186.10							
Medium Stiff to Very Stiff, Brown and Gray SILTY CLAY trace - gravel	4 3 4	201	B 19	Very Stiff, Gray SILTY CLAY LOAM trace - gravel 178.60	2 4 8	240	B 19
	4 2 3	77	S 23		3 4 5	230	B 20
-3.0				-8.0			
	3 3 4	163	B 25				
	2 3 4	77	B 24		5 6 7	201	B 25
-4.5				-10.5			
	3 4 5	201	B 23				
trace - topsoil at 3.9 m							
	5 7 8	249	B 35		3 4 6	240	B 21
181.90 -4.5				-12.5			
Stiff to Hard, Gray SILTY CLAY trace - gravel	4 6 7	450	B 23				
	5 5 6	383	B 19		3 5 6	230	B 20
-6.0				-13.5			
	3 4 5	172	B 19				
	2 3 5	220	B 19		4 5 10	249	B 19
-7.5				-13.2			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 45, Page 2 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 2 of 2
Date 2/20/02

STRUCTURE NO. 016-2791
ROUTE FAI 80/94
SECTION WEST OF IL 83 TO EASTOF BURNHAM AVE.
COUNTY COOK

Boring No. 45
Station 6+788 (CL I-80/94)
Offset 23.50m RT
Surface Elev. 182.30 m

DEPTH	BLOWS	Qu kPa	W %		DEPTH	BLOWS	Qu kPa	W %
				Extreme Bottom, Gray SILTY LOAM (Hardpan) trace - gravel 159.86		27 45 50/200 mm		10
				END OF BORING 159.20				
	7 14 16	278	B 14					
-16.5					-24.0			
	7 8 13	340	B 18					
Hard, Gray CLAY LOAM (Hardpan) trace to little - gravel 164.00					-35.5			
	5 10 15	393	B 14					
-18.5					-37.0			
	11 15 26	556	B 13					
-21.5					-38.5			
	16 21 34	517	B 12					
-23.0					-39.9			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

Boring No. 46, Page 2 of 2

Everest Engineering Company
STRUCTURE BORING LOG
Page 2 of 2
Date 2/25/02

STRUCTURE NO. 016-2791
ROUTE FAI 80/94
SECTION WEST OF IL 83 TO EASTOF BURNHAM AVE.
COUNTY COOK

Boring No. 46
Station 6+808 (CL I-80/94)
Offset 15.00m RT
Surface Elev. 171.40 m

DEPTH	BLOWS	Qu kPa	W %		DEPTH	BLOWS	Qu kPa	W %
	5 5 8	278	B 16			7 9 12	517	B 15
-18.5				END OF BORING 162.40	-34.0			
Hard, Gray CLAY LOAM (Hardpan) trace to little - gravel 169.45								
	4 6 11	556	B 13					
-18.5					-36.5			
	7 9 10	517	B 13					
-21.5					-37.0			
	7 9 12	517	B 13					
-22.5					-38.5			
	5 7 8	451	B 15					
-22.5					-39.9			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

SHT. BS-60 OF 60

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
I-80/94 OVER BURNHAM AVENUE
STRUCTURE NO. 016-2791 STA. 6+772.591
SECTION 1977-121-R
COOK COUNTY

BORING LOGS - III

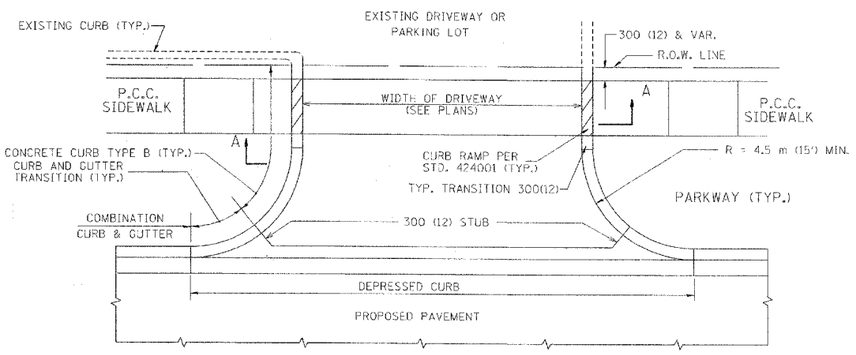
DATE: 7/18/2005
DRAWN BY: LG
CHECKED BY: MJK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

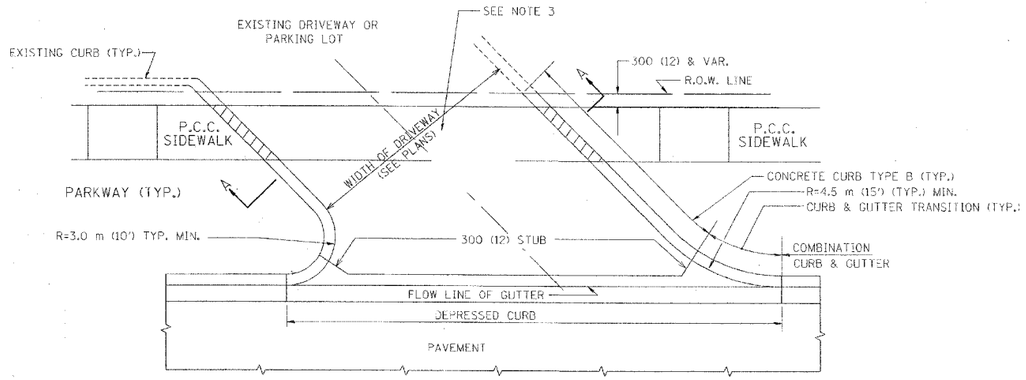
"\AB9902A.DGN,,\AB09R132A.DGN
7-12-2005, 02:27:07 I:\DOCUMENT\93750\STRUCT\DGN\B07602A.DGN
BAJZEKKJ
3 6061 62 63

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		681	503
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

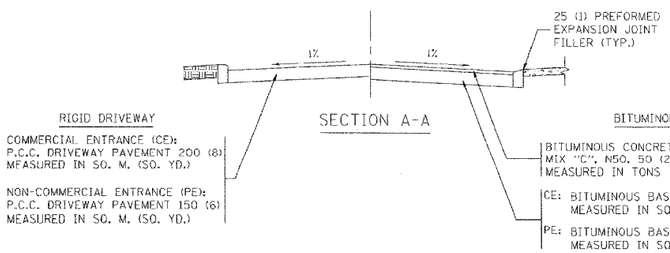
*(2425&2626)R-2 CONTRACT NO. 62111

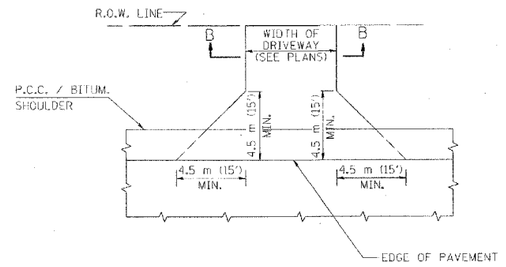


WITH CONCRETE CURB, TYPE B

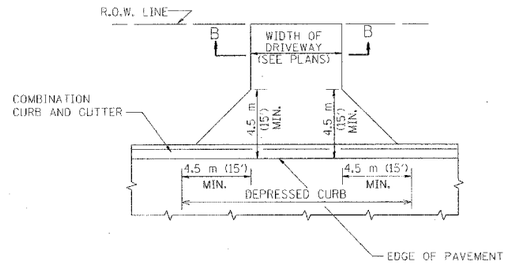


WITH CONCRETE CURB, TYPE B

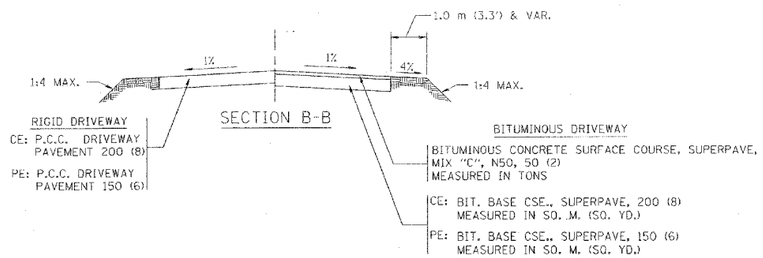




ADJACENT TO P.C.C. / BITUMINOUS SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE
MIX "C", N50, 50 (2)
MEASURED IN TONS

AGGREGATE BASE CSE., TYPE A 200 (8)
MEASURED IN SQ. M. (SQ. YD.)

GENERAL NOTES:

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

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

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

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

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

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

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE — DRAWN BY: SG

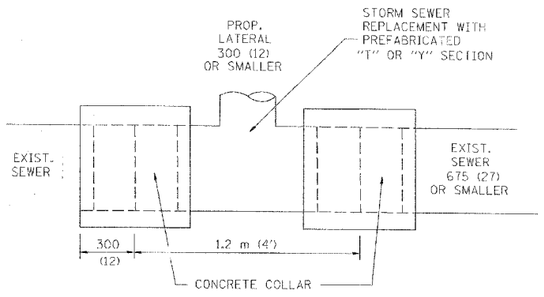
DATE PLOTTED: 04/17/2003 — CHECKED BY: JFP

04/17/2003
c:\projects\dist\std\bd01.dgn
V1=BD01

BD400-01 (BD-01)
REVISION DATE: 04/15/03

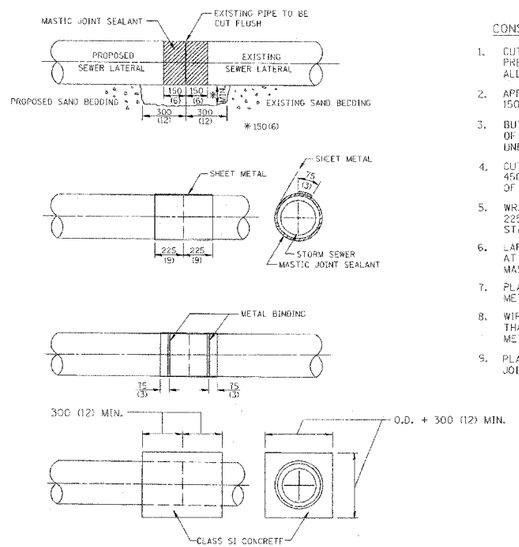
F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	504
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(2425 & 2626)R-2 CONTRACT NO. 62111



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER

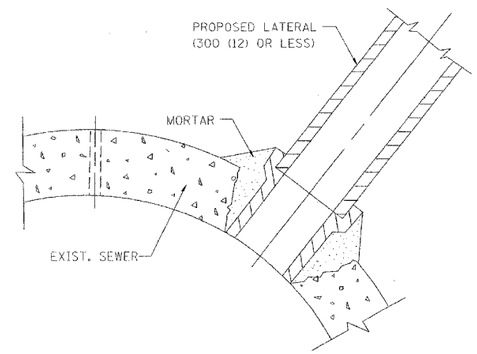


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 x 150 (12 x 6) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 75 (3) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 225 (9) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY FITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

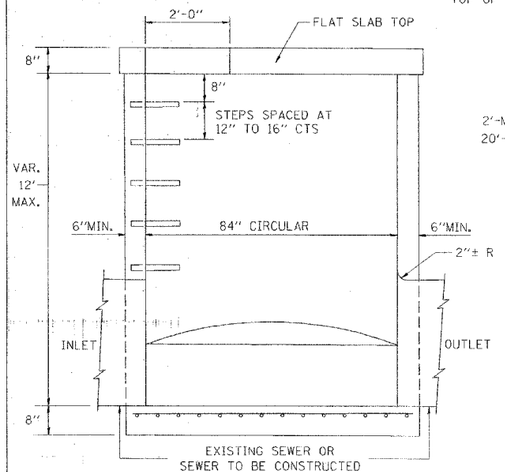
SCALE: NONE DRAWN BY CADD

DATE **DATE** CHECKED BY

BD500-01 (BD-7)

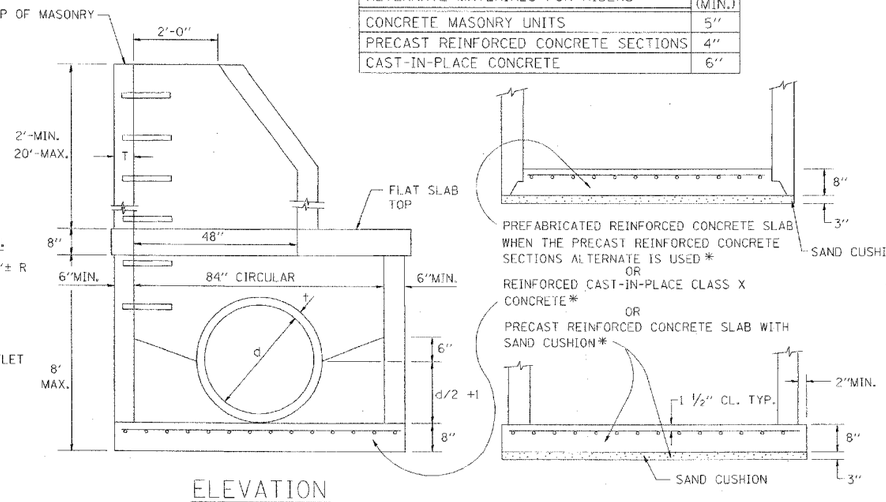
•DATE-TIME•
•DGN-SPEC•
VI=BDT

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	505
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(2425&2626)R-2		CONTRACT NO. 62111		

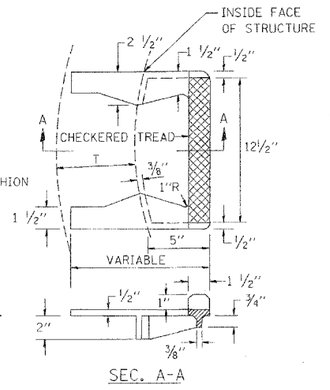


ELEVATION

ALTERNATE MATERIALS FOR RISERS	(MIN.)
CONCRETE MASONRY UNITS	5"
PRECAST REINFORCED CONCRETE SECTIONS	4"
CAST-IN-PLACE CONCRETE	6"



ELEVATION



CAST IRON STEPS

GENERAL NOTES

ALTERNATE MATERIAL FOR THE WALLS MAY BE CONCRETE MASONRY UNITS, PRECAST REINFORCED CONCRETE SECTIONS OR CAST-IN-PLACE CONCRETE. THE CAST IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN MAY BE USED WHEN APPROVED BY THE ENGINEER.

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

STEPS SHALL BE EMBEDDED INTO THE WALL A MINIMUM OF THREE(3) INCHES. STEPS SHALL NOT BE EXTENDED ON THE OUTSIDE.

STEPS SHALL BE OMITTED FOR WORK IN COOK COUNTY WHEN THE DEPTH OF THE MANHOLE IS TEN(10') OR LESS.

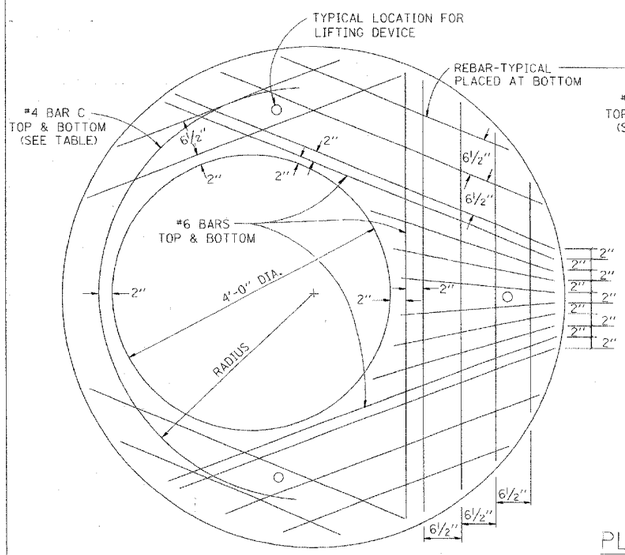
IN ADDITION TO THE REQUIREMENTS OF ARTICLE 612.13 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR MANHOLES, TYPE A, 7'-DIAMETER SHALL INCLUDE THE SAND CUSHION WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL, AND FURNISHING AND INSTALLING FLAT SLAB TOP.

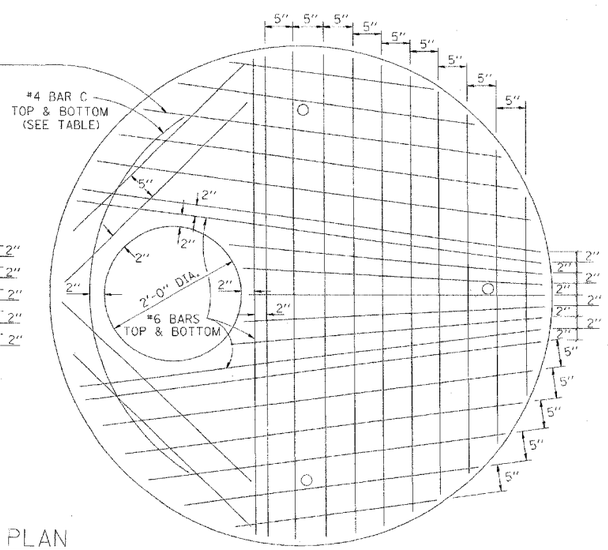
PRECAST FLAT SLAB TOP SHALL CONFORM TO ARTICLES 505.01 THRU 505.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS. REINFORCEMENT BARS AND WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.10. ONLY GRADE 60 REINFORCEMENT BARS WILL BE PERMITTED.

BOTTOM SLAB SHALL BE REINFORCED BY EITHER REINFORCEMENT BARS OR WELDED WIRE FABRIC. THE MINIMUM REINFORCEMENT SHALL BE 0.46 SQUARE INCH PER LINEAR FOOT IN BOTH DIRECTIONS.

JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.

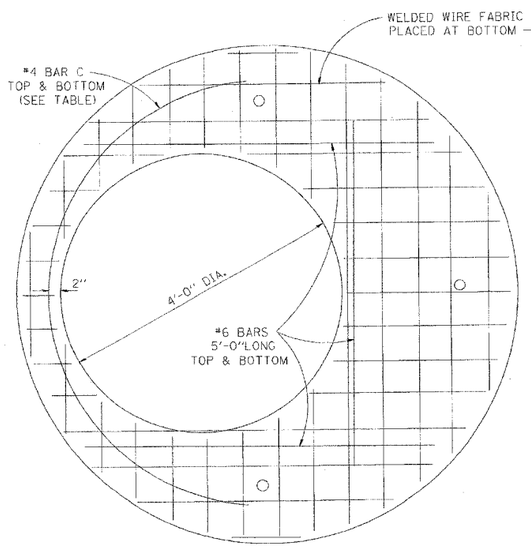
LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.

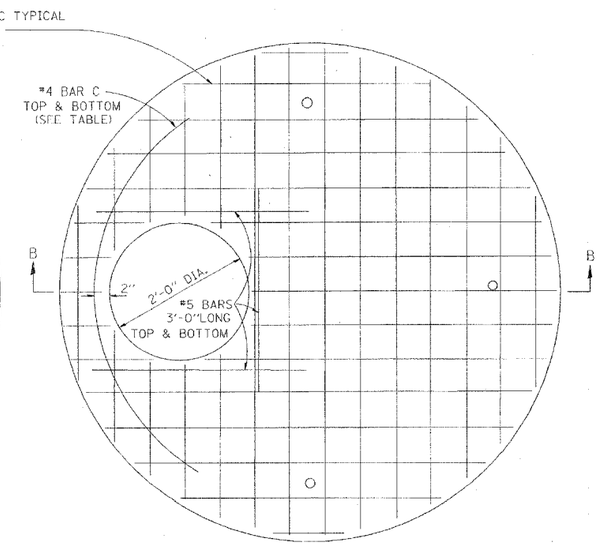




PLAN

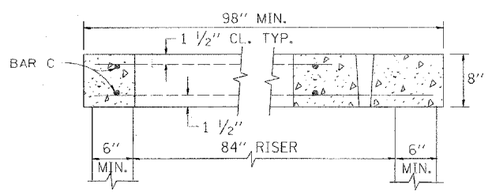
SHOWING REBAR REINFORCEMENT





PLAN

SHOWING WELDED WIRE FABRIC REINFORCEMENT



SECTION B-B

TABLE

DIAMETER OF OPENING	REINFORCEMENT "A S" WWF OR EACH DIRECTION	BAR SIZE	BAR C SIZE	BAR C LENGTH	BAR C RADIUS
2'-0"	1.06 SQ.IN./LIN.FT.	#6	#4	6'-0"	38"
4'-0"	0.82 SQ.IN./LIN.FT.	#6	#4	9'-0"	38"

NOTE: THIS STRUCTURE SHOULD BE USED WITH PIPES SIZE 54" DIA. OR SMALLER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE TYPE A
7 FOOT DIAMETER

SCALE: VERT.
HORIZ.
DATE 10/18/2002

DRAWN BY
CHECKED BY
BD600-11 (BD-37)

REVISION DATE:

DATE-TIME
DGN-SPEC
V1-BD37

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	506
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

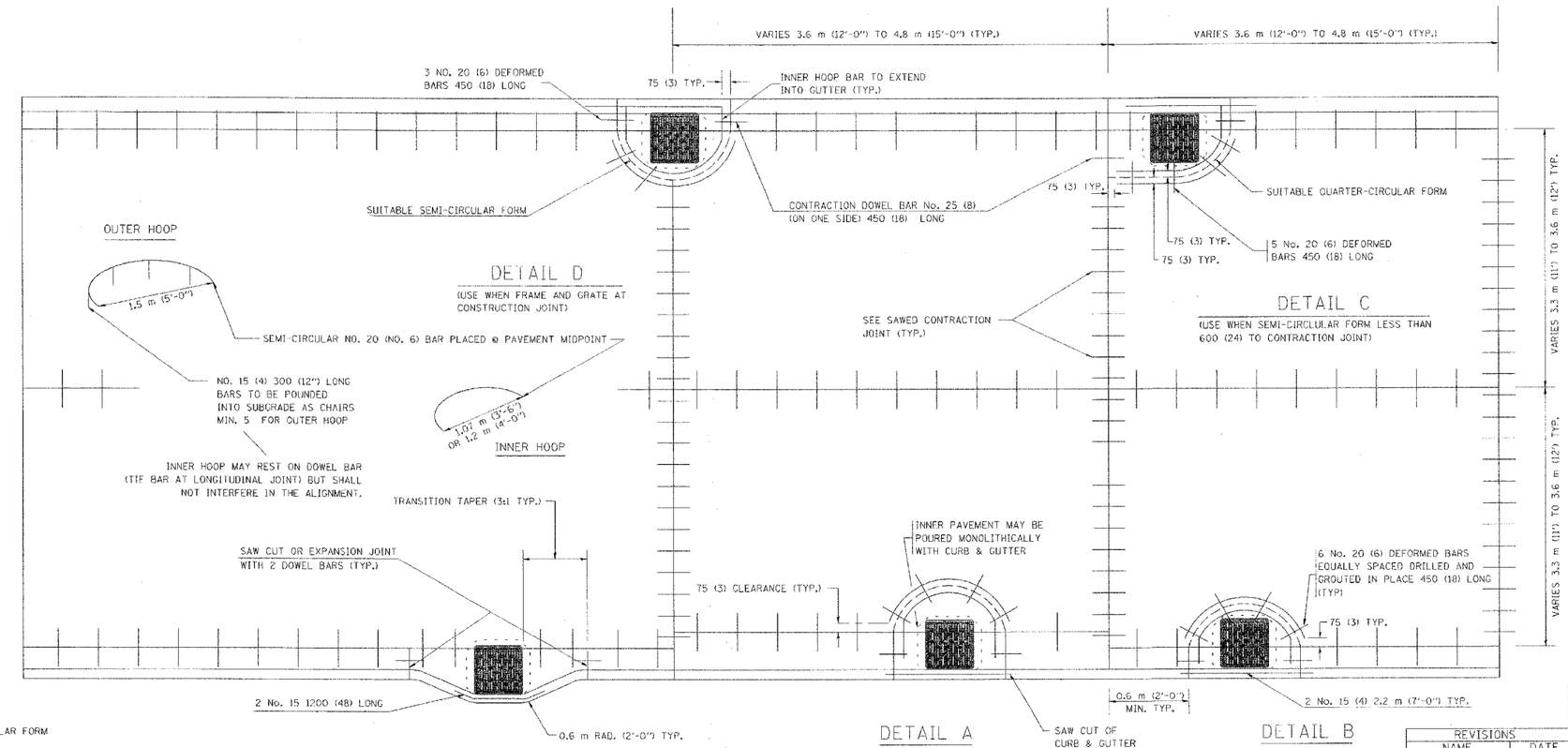
*(2925 & 2626)R-2 CONTRACT NO. 62111

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 200 (8)	1.1 m (3'-6")	1.2 m (4'-0")	1.5 m (5'-0")
> 200 (8) TO 360 (14)	1.2 m (4'-0")	1.4 m (4'-6")	1.5 m (5'-0")

DESIGNER NOTE:
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES :

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 300 (12) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 50 (2) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:
- - - - - - - - - CASTING
— — — — — — — SUITABLE SEMI-CIRCULAR FORM

TRANSITION CURB & AND GUTTER INTO PARKWAY
(PREFERRED BECAUSE PAVING OF MAINLINE NOT AFFECTED.)

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

ILLINOIS DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER

REVISIONS	
NAME	DATE
ART ABBAS	01-04-99
T. MATOUSEK	08-28-00
T. MATOUSEK	10-02-00
T. MATOUSEK	04-25-02
P. LAFLEUR	08-27-02

SCALE: NONE
DATE 10/18/2002

DRAWN BY: TOM MATOUSEK
CHECKED BY: A. ABBAS

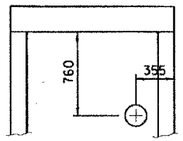
BD-48

REVISION DATE: 10/02/00

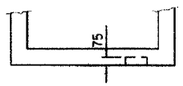
DATE-TIME
DGN-SPEC
V1-BD48

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•		63	507
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

•(2425 & 2626)R-2 CONTRACT NO. 62111



ELEVATION



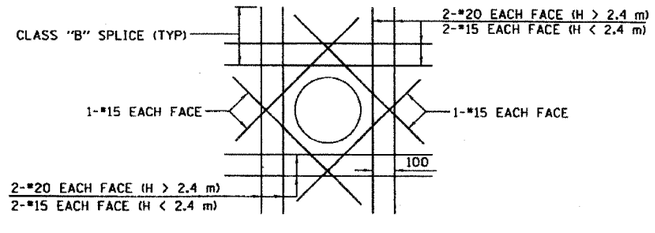
PLAN

AS SHOWN PROVIDE ON EACH FACE ONE (1) 75 DEEP DEPRESSION FOR USE AS UNDERDRAIN CONNECTIONS.

USE: 125 DIAMETER FOR 100 P.U.
175 DIAMETER FOR 150 P.U.
225 DIAMETER FOR 200 P.U.

REFER TO PLANS FOR SIZE & LOCATIONS OF UNDERDRAIN

PIPE UNDERDRAIN CONNECTION DETAIL



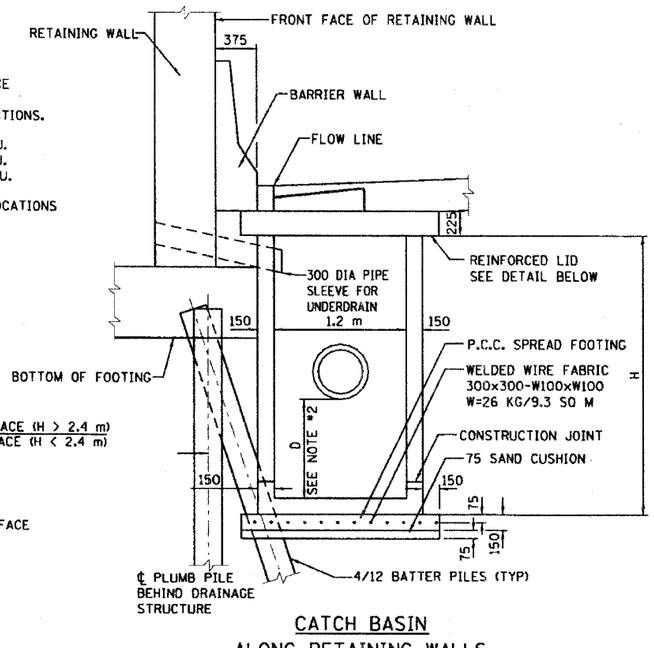
TYPICAL REINFORCEMENT DETAIL AROUND OPENINGS

(OPENNING ≥ 300)

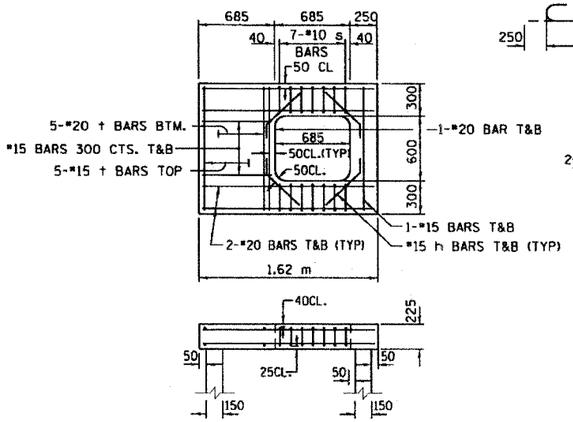
WHERE CLASS "B" SPLICE LENGTH ANCHORAGE IS NOT POSSIBLE, BARS SHOULD BE HOOKED.

NOTES:

1. DRAINAGE STRUCTURE SHALL CONFORM TO I.D.O.T. STANDARD 602101 EXCEPT AS NOTED.
2. D = 0 m FOR INLETS
   D = 900 FOR C.B.'S.
3. SAND CUSHION SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1003.01 (FA1 OR FA2).
4. THE FOOTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.
5. REINFORCEMENT FOR STRUCTURE WALLS AND BASE SLAB SHALL BE IN ACCORDANCE WITH STD. 602101 FOR DEPTHS UP TO H=2.4 m
6. STEPS SHALL BE INCLUDED IN ALL STRUCTURES
7. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHER WISE NOTED.
8. SEE STANDARD 602701 FOR DETAILS OF STEPS.
9. WHERE THE ADJACENT SHOULDER OR PAVEMENT THICKNESS EXCEEDS THAT OF THE NEW FRAME, THE CONTRACTOR SHALL INSTALL THE CATCH BASIN LID FLUSH OR LOWER THAN THE BOTTOM OF THE ADJACENT SHOULDER OR PAVEMENT AND ADJUST THE FRAME AND LID IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS.
10. IN ADDITION TO THE REQUIRMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SHALL INCLUDE THE SAND CUSHION, ADJUSTING RINGS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL.

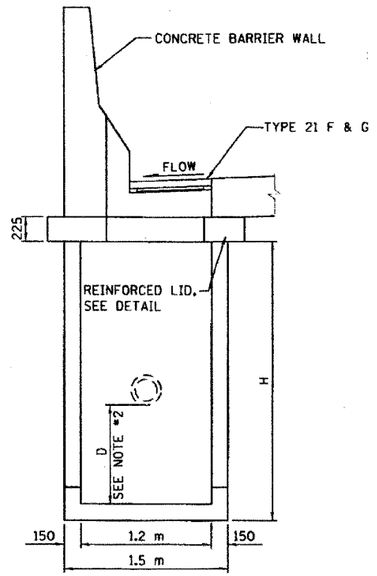


CATCH BASIN ALONG RETAINING WALLS

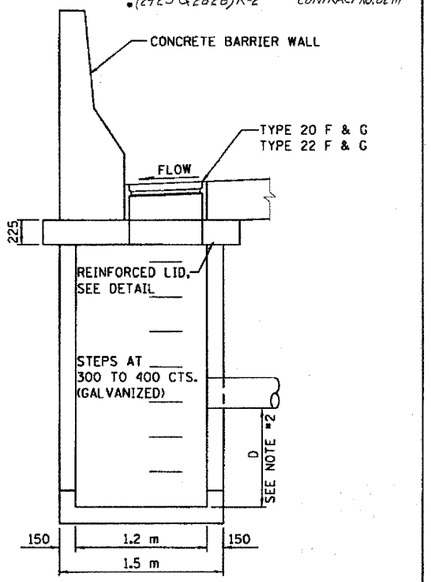


REINFORCED LID FOR TYPE 21 F&G

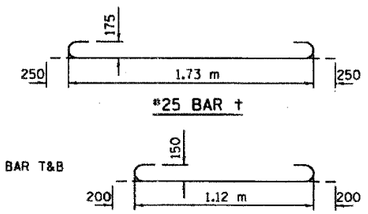
DRAINAGE STRUCTURES ALONG BARRIER WALL



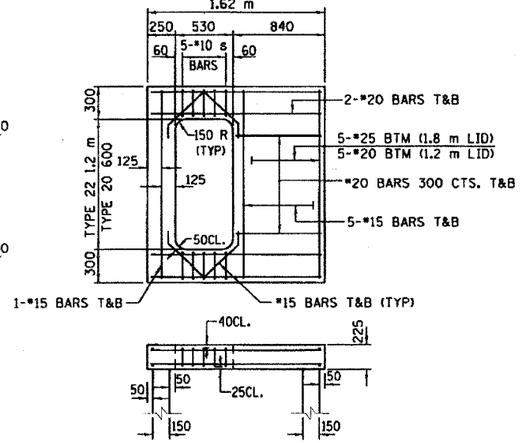
1.2x0.9 WITH ONE TYPE 21 F&G



CATCH BASIN 1.2x0.9
CATCH BASIN 1.2x1.5



BAR DETAILS



REINFORCED LID FOR TYPE 20 AND 22 F&G

REVISIONS	
NAME	DATE
ACE	02/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)

CATCH BASIN AND INLET
1.2 x 0.9 AND 1.2 x 1.5
FOR H ≤ 2.4

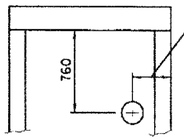
SCALE NONE — DRAWN BY ACE/CAD
DATE 09/03 — CHECKED BY

CS-7 (METRIC)
REVISION DATE:

F:\Project\2C140801PK\Contract & Structure Information\Details\CS_7.dgn Thu Feb 26 07:02:54 2004

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•		631	508
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (2425 & 2626) R-2 CONTRACT NO. 62111



ELEVATION

PLAN

AS SHOWN PROVIDE ON EACH FACE ONE (1) 75 DEEP DEPRESSION FOR USE AS UNDERDRAIN CONNECTIONS.

USE: 125 DIAMETER FOR 100 P.U.
175 DIAMETER FOR 150 P.U.
225 DIAMETER FOR 200 P.U.

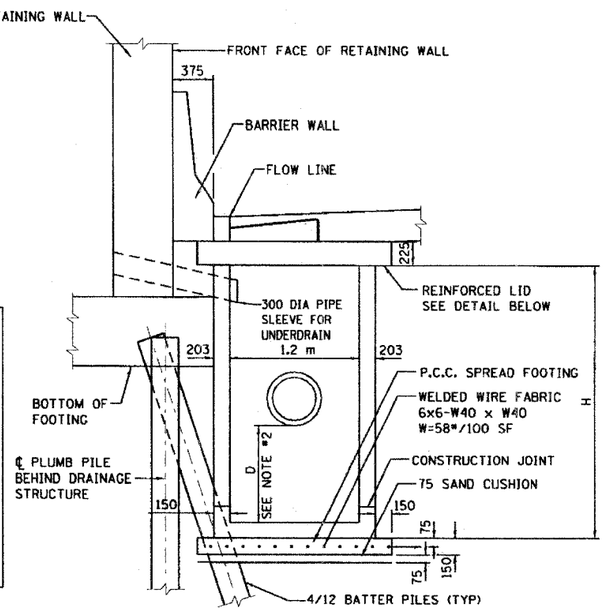
REFER TO PLANS FOR SIZE & LOCATIONS OF UNDERDRAIN

PIPE UNDERDRAIN CONNECTION DETAIL

REINFORCEMENT BAR SCHEDULE

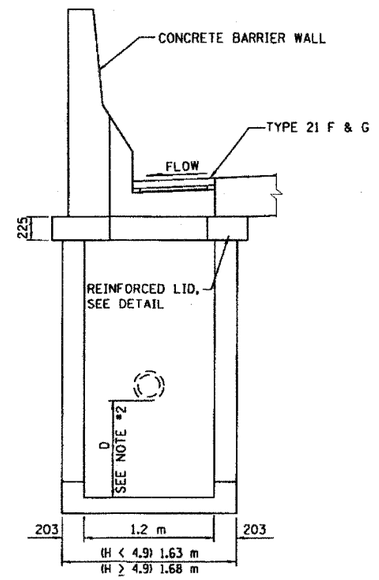
	H	2.4-3.0 m	3.0-3.6 m	3.6-4.2 m	4.2-5.5 m	5.5-6.7 m
HORIZONTAL BARS IN WALLS	BAR SIZE	15	15	20	20	20
	SPACING	300	300	300	300	300
VERTICAL BARS IN WALLS	BAR SIZE	15	15	15	15	15
	SPACING	300	300	300	300	300
BARS IN BASE SLAB	BAR SIZE	15	15	15	15	15
	SPACING	300	300	300	300	300
	H	≤3.0	>3.0 ≤3.6	>3.6 ≤4.2	>4.2 ≤5.5	>5.5 ≤6.7

NOTE: PLACE REINFORCEMENT PER STANDARD 602101

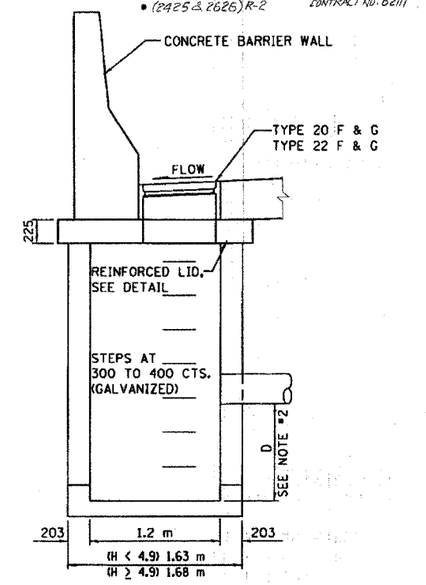


CATCH BASIN
ALONG RETAINING WALLS

DRAINAGE STRUCTURES ALONG BARRIER WALL



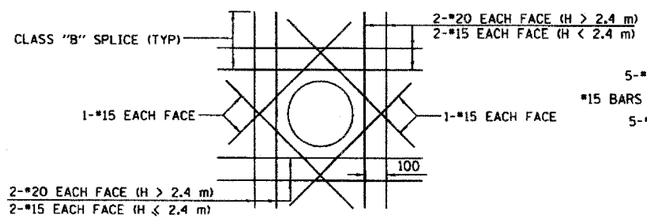
1.2x0.9 WITH ONE TYPE 21 F&G



CATCH BASIN 1.2x0.9
CATCH BASIN 1.2x1.5

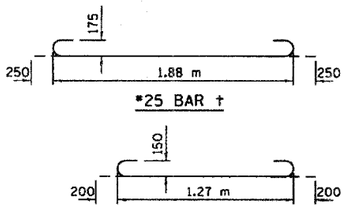
NOTES:

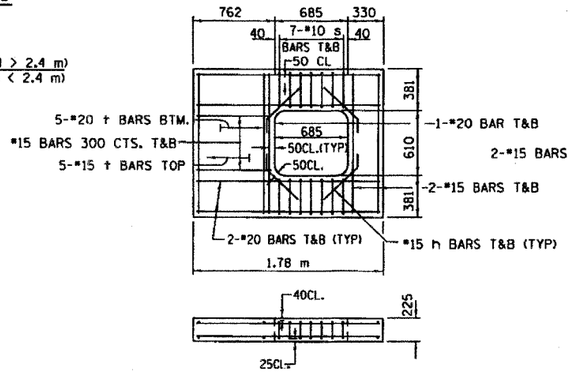
1. DRAINAGE STRUCTURE SHALL CONFORM TO I.D.O.T. STANDARD 602101 EXCEPT AS NOTED.
2. D = 0 m FOR INLETS
   D = 900 FOR C.B.'S.
3. WHEN H ≥ 4.9m , THICKNESS OF WALL AND BASE SLAB SHALL BE INCREASED TO 225.
4. SAND CUSHION SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1003.01 (FAI OR FA2).
5. THE FOOTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.
6. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHER WISE NOTED.
7. SEE STANDARD 602701 FOR DETAILS OF STEPS.
8. WHERE THE ADJACENT SHOULDER OR PAVEMENT THICKNESS EXCEEDS THAT OF THE NEW FRAME, THE CONTRACTOR SHALL INSTALL THE CATCH BASIN LID FLUSH OR LOWER THAN THE BOTTOM OF THE ADJACENT SHOULDER OR PAVEMENT AND ADJUST THE FRAME AND LID IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS.
9. IN ADDITION TO THE REQUIRMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SHALL INCLUDE THE SAND CUSHION, ADJUSTING RINGS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL.



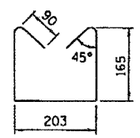
TYPICAL REINFORCEMENT DETAIL
AROUND OPENINGS
(OPENING ≥ 300)

WHERE CLASS "B" SPLICE LENGTH ANCHORAGE IS NOT POSSIBLE, BARS SHOULD BE HOOKED.

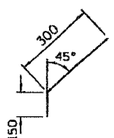




REINFORCED LID FOR TYPE 21 F&G

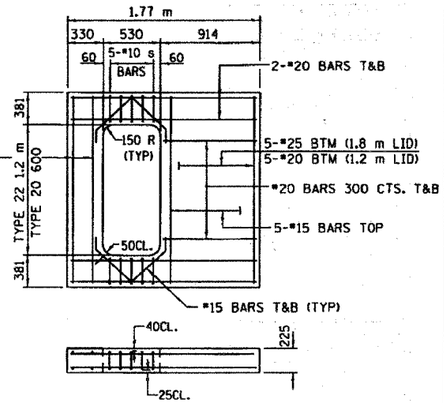


*10 BAR s



*15 BAR h

BAR DETAILS



REINFORCED LID FOR
TYPE 20 AND 22 F&G

REVISIONS	
NAME	DATE
ACE	02/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)

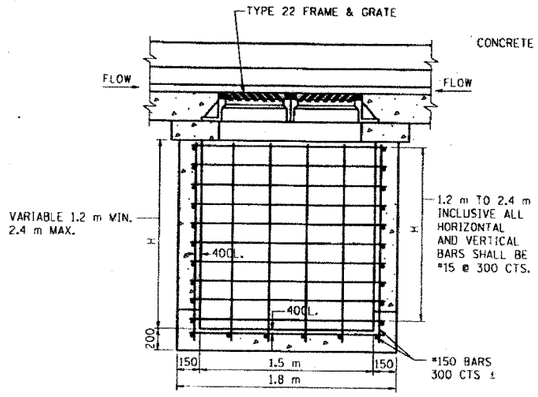
CATCH BASIN AND INLET
1.2 x 0.9 AND 1.2 x 1.5
FOR H >2.4

SCALE NONE — DRAWN BY ACE/CAD
DATE 09/03 — CHECKED BY

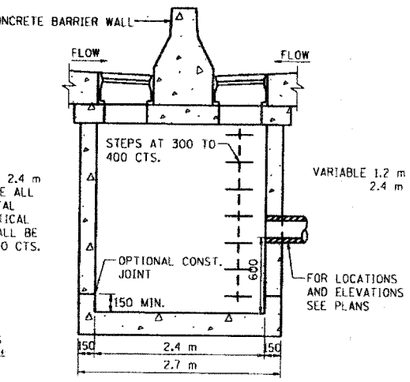
CS-8 (METRIC)
REVISION DATE:

F:\Projects\2014861PM01\Contract 5 Structure Information\Details\CS_8.dgn Thu Feb 26 07:04:21 2004

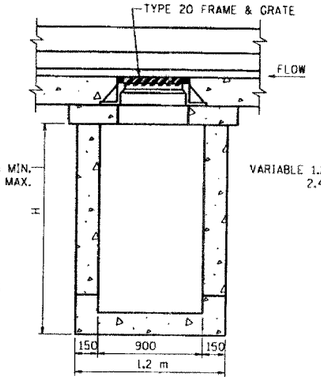
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•		681	509
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
•(2425 & 2626) R-2			CONTRACT NO. 82111	



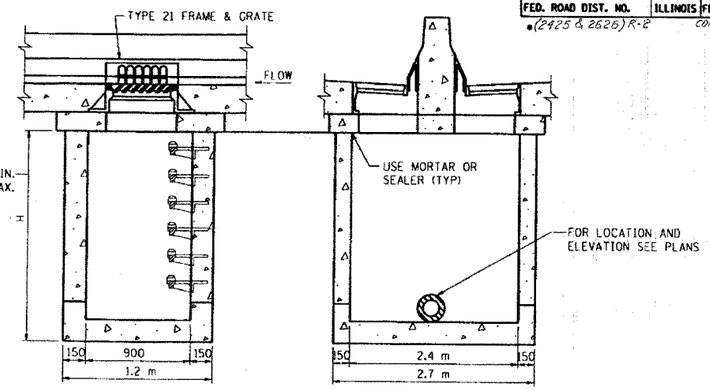
FRONT ELEVATION
(DRAINAGE STRUCTURE, TYPE 2.4m x 1.5m)
TYPE 22 FRAME AND GRATE



SIDE ELEVATION
(DRAINAGE STRUCTURE,
TYPE 2.4m x 0.9m & 2.4m x 1.5m)
TYPE 20 & 22 FRAME AND GRATE



FRONT ELEVATION
(DRAINAGE STRUCTURE,
TYPE 2.4m x 0.9m)
TYPE 20 FRAME AND GRATE



FRONT ELEVATION
(DRAINAGE STRUCTURE,
TYPE 2.4m x 0.9m)

SIDE ELEVATION
(DRAINAGE STRUCTURE,
TYPE 2.4m x 0.9m

TYPE 21 FRAME AND GRATE

GENERAL NOTES

CLASS PC CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT. CLASS PC CONCETE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 504 OF THE STANDARD SPECIFICATIONS

PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE AT LEAST 27,600 kPa AFTER 28 DAYS. SHOP DRAWINGS WILL NOT BE REQUIRED FOR PRECAST UNITS.

THE REINFORCEMENT SHOWN IN THE FRONT ELEVATION OF THE TYPE 2.4 mx1.5 m IS TYPICAL FOR BOTH ELEVATIONS OF ALL TYPES.

EXPOSED EDGES SHALL BE BEVELED 20.

SEE STANDARD 602701 FOR DETAILS OF CAST IRON STEPS.

A 75 DEEP SAND BEDDING CONFORMING TO ARTICLE 1003.01 (FA 1 OF AF 2) SHALL BE PROVIDED UNDER THE FULL LENGTH AND WIDTH OF PRECAST UNITS.

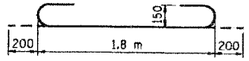
ALL VOIDS AROUND PIPE ENTRANCES, BOTH INSIDE AND OUTSIDE SHALL BE SEALED WITH MORTAR.

EACH DRAINAGE STRUCTURE SHALL BE EXCAVATED FOR AND BACKFILLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 602.11 OF THE STANDARD SPECIFICATIONS.

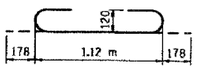
IN ADDITION TO THE REQUIREMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR DRAINAGE STRUCTURE SHALL INCLUDE THE SAND CUSHION WHEN REQUIRED, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL.

WHERE THE ADJACENT SHOULDER OR PAVEMENT THICKNESS EXCEEDS THAT OF THE NEW FRAME, THE CONTRACTOR SHALL INSTALL THE CATCH BASIN LID FLUSH OR LOWER THAN THE BOTTOM OF THE ADJACENT SHOULDER OR PAVEMENT AND ADJUST THE FRAME AND LID IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS.

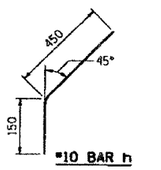
IN ADDITION TO THE REQUIRMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SHALL INCLUDE THE SAND CUSHION, ADJUSTING RINGS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL.



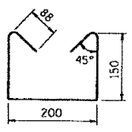
#20 BAR †



#15 BAR †1

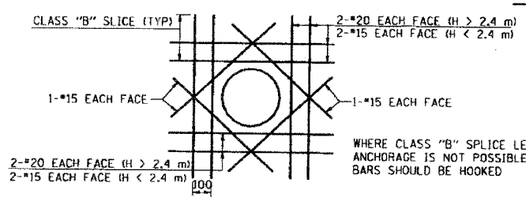


#10 BAR h

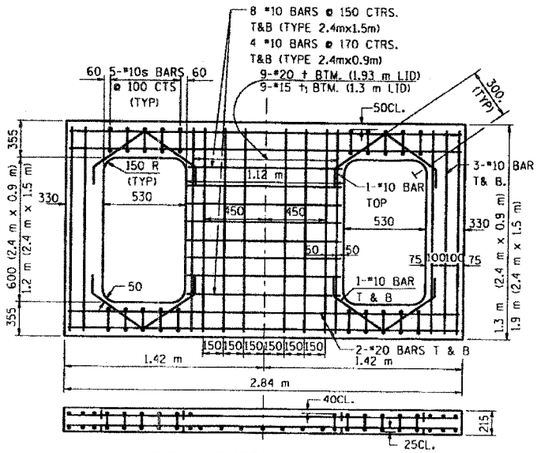


#10 BAR s

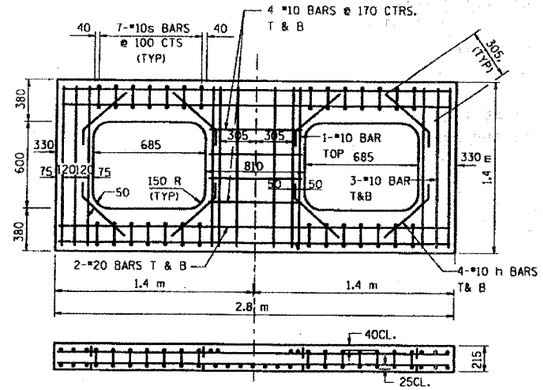
BAR DETAILS



TYPICAL REINFORCEMENT DETAIL AROUND OPENINGS
(OPENING ≥ 300)



REINFORCED LID FOR
DRAINAGE STRUCTURES,
TYPE 2.4 m x 0.9 m & 2.4 m x 1.5 m
TYPE 20 & 22 FRAME & GRATE



REINFORCED LID FOR
DRAINAGE STRUCTURE TYPE 2.4m x 0.9m
TYPE 21 FRAME & GRATE
(FOR USE IN SAG AREAS)

REVISIONS	
NAME	DATE
ACE	02/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)

CATCH BASIN
TYPES 2.4mx09m & 2.4mx1.5m
FOR H ≤2.4

SCALE NONE — DRAWN BY ACE/CAD
DATE 09/03 — CHECKED BY

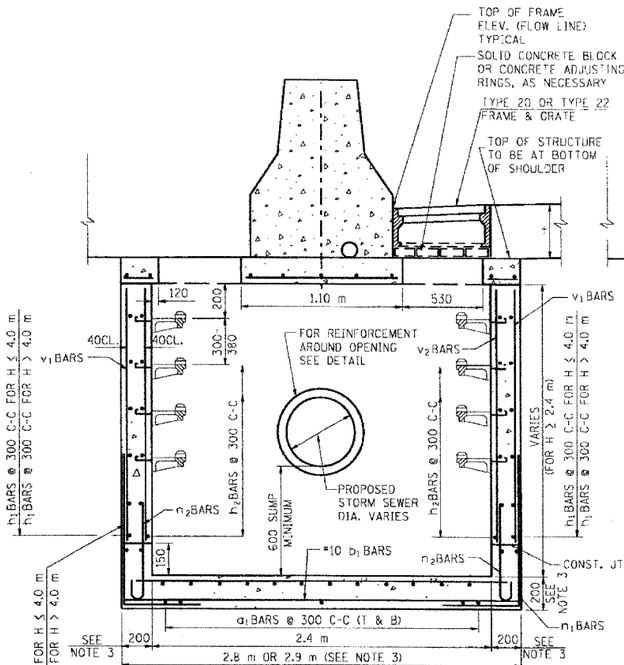
CS-9 (METRIC)
REVISION DATE:

F:\Projects\2004\04MV\Contract & Structure Information\Details\CS_9.dgn Thu Feb 26 07:05:37 2004

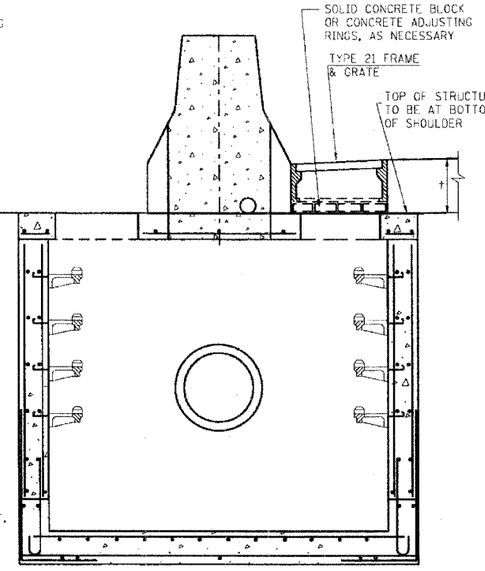
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	510
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(2425&2526)R-2 CONTRACT # 62111

NOTE:
"t" IS THE SHOULDER THICKNESS AS SHOWN ON THE PLANS



SECTION A-A
SIDE ELEVATION

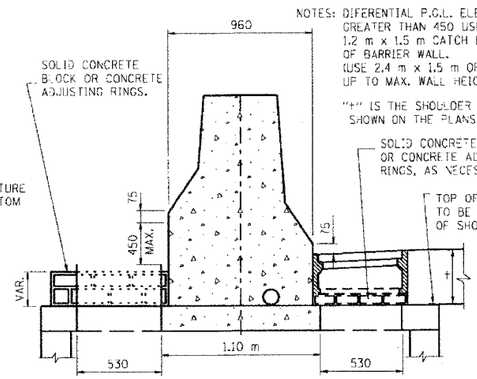


CATCH BASIN 2.4m x 1.5m (TYPE 22 F & G)
CATCH BASIN 2.4m x 0.9m (TYPE 20 F & G)

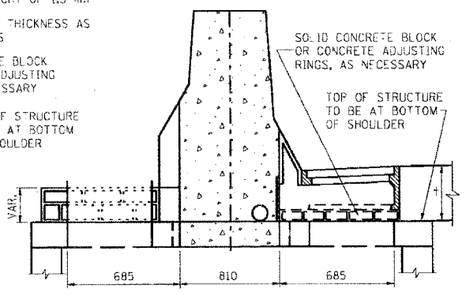
CATCH BASIN 2.4m x 0.9m
(TYPE 21 F & G)

NOTES: DIFERENTIAL P.C.L. ELEVATION
GREATER THAN 450 USE 1.2 m x 09 m OR 1.2 m x 1.5 m CATCH BASIN ON EACH SIDE OF BARRIER WALL.
USE 2.4 m x 1.5 m OR 2.4 m x 0.9 m CATCH BASIN UP TO MAX. WALL HEIGHT OF 1.5 m.

"t" IS THE SHOULDER THICKNESS AS SHOWN ON THE PLANS

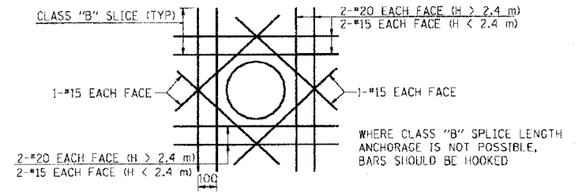


TYPE 22 F & G
TYPE 20 F & G



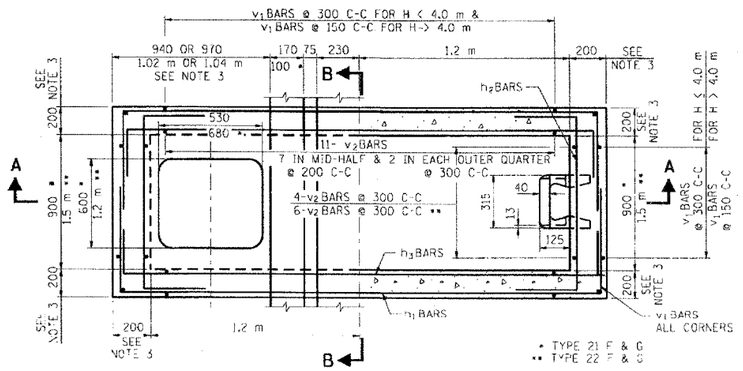
TYPE 21 F & G

DIFFERENTIAL P.C.L.
SIDE ELEVATION

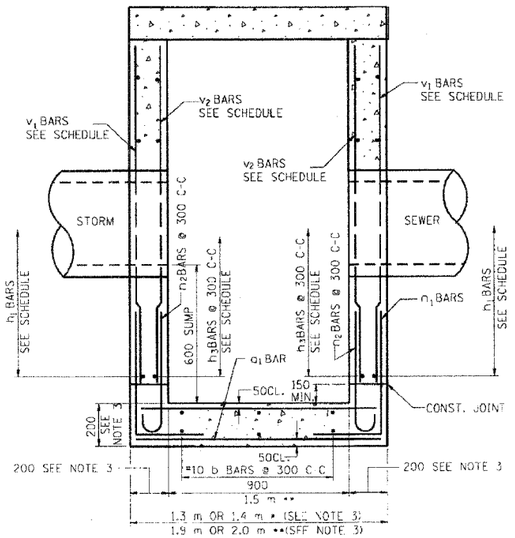


WHERE CLASS "B" SPLICE LENGTH ANCHORAGE IS NOT POSSIBLE, BARS SHOULD BE HOOKED

TYPICAL REINFORCEMENT DETAIL AROUND OPENINGS
(OPENING > 300)



PLAN



SECTION B-B
FRONT ELEVATION

NOTES:

1. DRAINAGE STRUCTURES SHALL CONFORM TO I.D.O.T. STANDARD 602101 EXCEPT AS NOTED.
2. SEE STANDARD 602701 FOR DETAILS OF CAST IRON STEPS.
3. WHEN H > 4.9 m, THE THICKNESS OF WALLS AND BASE SLAB SHALL BE INCREASED TO 230.
4. ALL STORM SEWER OPENINGS WILL BE CENTERED ON FACE OF WALL THAT PIPE IS ENTERING.
5. FOR LOCATIONS AND ELEVATIONS FOR ALL STORM SEWER CONNECTIONS REFER TO PLAN SCHEDULES.
6. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE SHOP DRAWINGS FOR PIPE OPENINGS FOR PIPES ENTERING AT OTHER THAN 90°. FOR BASIS OF PAYMENT REFER TO SPECIAL PROVISIONS.
7. ALL DIMENSIONS IN MILLIMETERS UNLESS OYHERWISE NOTED.
8. WHERE THE ADJACENT SHOULDER OR PAVEMENT THICKNESS EXCEEDS THAT OF THE NEW FRAME, THE CONTRACTOR SHALL INSTALL THE CATCH BASIN LID FLUSH OR LOWER THAN THE BOTTOM OF THE ADJACENT SHOULDER OR PAVEMENT AND ADJUST THE FRAME AND LID IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS.
9. IN ADDITION TO THE REQUIRMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SHALL INCLUDE THE SAND CUSHION, ADJUSTING RINGS WHEN REQUIRED AND FURNISH AND COMPACTING THE SPECIFIED BACKFILL MATERIAL.

REVISIONS	
NAME	DATE
ACE	02/04
ACE	08/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)

DRAINAGE STRUCTURES
CATCH BASINS 2.4mx0.9m & 2.4mx1.5m
FOR DEPTHS WHERE H >2.4m

SHEET 1 OF 2

SCALE NONE — DRAWN BY ACE/CAD
DATE 09/03 — CHECKED BY

CS-10A (METRIC)
REVISION DATE:

S:\Project\2014080\PMC\Contract & Structure Information\Details\STCS_10A.dgn Mon Aug 16 15:14:37 2004

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		681	511
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*(2425 & 2626) R-2 CONTRACT NO. 62111

DRAINAGE STRUCTURE TYPE 2.4mx0.9m

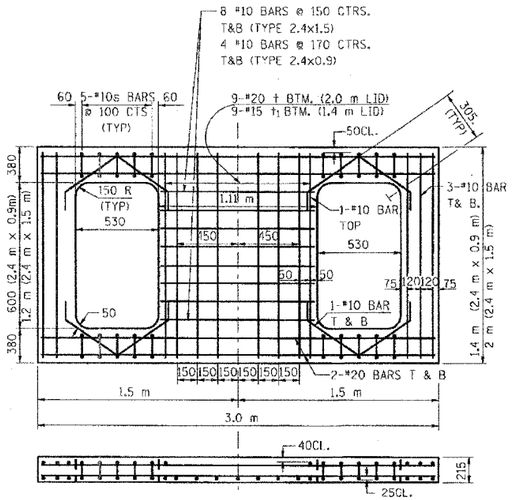
REINFORCEMENT BARS SCHEDULE

TYPE	H METERS	a_1 BARS			b_1 BARS			h_1 BARS			h_2 BARS			h_3 BARS			n_1 BARS			n_2 BARS			v_1 BARS			v_2 BARS		
		SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH
1	>2.4	#15	16	1.2 m	#10	8	2.72 m	#15	16	4.38 m	#15	16	1.8 m	#15	16	3.3 m	#15	30	1.52 m	#10	30	1.09 m	#15	30	2.2 m	#10	30	2.2 m
2	2.6	#15	16	1.2 m	#10	8	2.72 m	#15	18	4.38 m	#15	18	1.8 m	#15	18	3.3 m	#15	30	1.52 m	#10	30	1.09 m	#15	30	2.4 m	#10	30	2.4 m
3	2.7	#15	16	1.2 m	#10	8	2.72 m	#15	18	4.38 m	#15	18	1.8 m	#15	18	3.3 m	#15	30	1.52 m	#10	30	1.09 m	#15	30	2.5 m	#10	30	2.5 m
4	2.9	#15	16	1.2 m	#10	8	2.72 m	#15	20	4.38 m	#15	20	1.8 m	#15	20	3.3 m	#15	30	1.52 m	#10	30	1.09 m	#15	30	2.7 m	#10	30	2.7 m
5	3.0	#15	16	1.2 m	#10	8	2.72 m	#15	20	4.38 m	#15	20	1.8 m	#15	20	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	2.8 m	#10	30	2.8 m
6	3.2	#15	16	1.2 m	#10	8	2.72 m	#15	22	4.38 m	#15	22	1.8 m	#15	22	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	2.9 m	#10	30	2.9 m
7	3.4	#15	16	1.2 m	#10	8	2.72 m	#15	22	4.38 m	#15	22	1.8 m	#15	22	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	3.1 m	#10	30	3.1 m
8	3.5	#15	16	1.2 m	#10	8	2.72 m	#15	24	4.38 m	#15	24	1.8 m	#15	24	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	3.2 m	#10	30	3.2 m
9	3.7	#15	16	1.2 m	#10	8	2.72 m	#15	24	4.38 m	#15	24	1.8 m	#15	24	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	3.4 m	#10	30	3.4 m
10	3.8	#15	16	1.2 m	#10	8	2.72 m	#15	26	4.38 m	#15	26	1.8 m	#15	26	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	3.6 m	#10	30	3.6 m
11	4.0	#15	16	1.2 m	#10	8	2.72 m	#15	26	4.38 m	#15	26	1.8 m	#15	26	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	3.7 m	#10	30	3.7 m
12	4.1	#15	16	1.2 m	#10	8	2.72 m	#15	28	4.38 m	#15	28	1.8 m	#15	28	3.3 m	#20	30	1.52 m	#10	30	1.09 m	#20	30	3.9 m	#10	30	3.9 m
13	4.3	#15	16	1.2 m	#10	8	2.72 m	#15	56	4.38 m	#20	28	1.8 m	#20	28	3.3 m	#20	48	1.52 m	#15	30	1.09 m	#20	48	4.0 m	#15	30	4.0 m
14	4.8	#15	16	1.2 m	#10	8	2.72 m	#15	64	4.38 m	#20	32	1.8 m	#20	32	3.3 m	#20	48	1.52 m	#15	30	1.09 m	#20	48	4.6 m	#15	30	4.6 m
15	5.5	#15	16	1.2 m	#10	8	2.72 m	#15	72	4.38 m	#20	36	1.8 m	#20	36	3.3 m	#20	48	1.52 m	#15	30	1.09 m	#20	48	5.3 m	#15	30	5.3 m
16	6.0	#15	16	1.2 m	#10	8	2.72 m	#15	78	4.38 m	#20	40	1.8 m	#20	40	3.3 m	#20	48	1.52 m	#15	30	1.09 m	#20	48	5.9 m	#15	30	5.9 m
17	6.7	#15	16	1.2 m	#10	8	2.72 m	#15	86	4.38 m	#20	44	1.8 m	#20	44	3.3 m	#20	48	1.52 m	#15	30	1.09 m	#20	48	6.5 m	#15	30	6.5 m

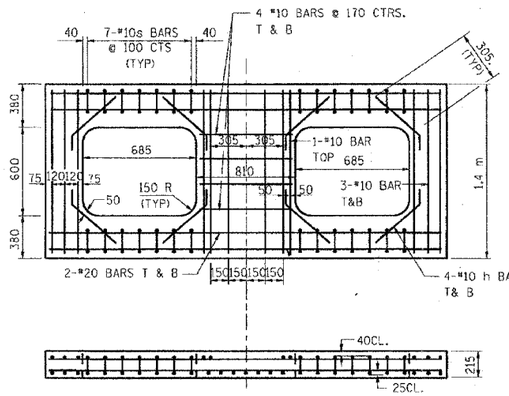
DRAINAGE STRUCTURE TYPE 2.4mx1.5m

REINFORCEMENT BARS SCHEDULE

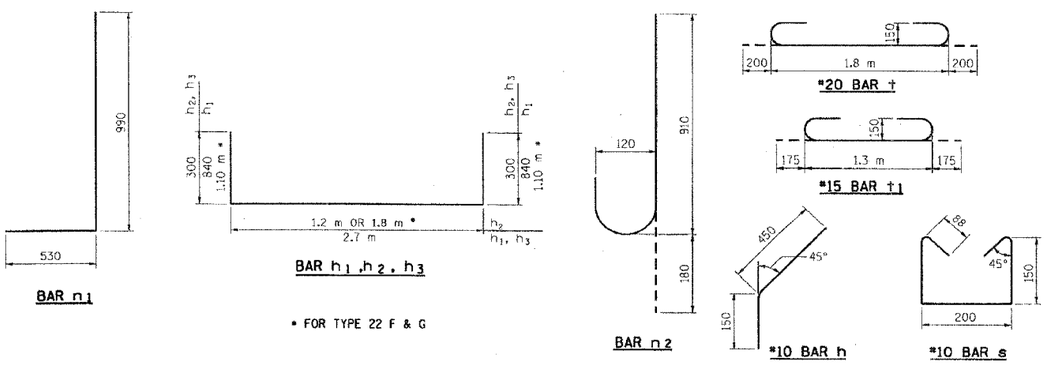
TYPE	H METERS	a_1 BARS			b_1 BARS			h_1 BARS			h_2 BARS			h_3 BARS			n_1 BARS			n_2 BARS			v_1 BARS			v_2 BARS		
		SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	SIZE	NO.	LENGTH
1	>2.4	#15	16	1.8 m	#10	12	2.72 m	#15	16	4.9 m	#15	16	2.4 m	#15	16	3.3 m	#15	34	1.52 m	#10	34	1.09 m	#15	34	2.2 m	#10	34	2.2 m
2	2.6	#15	16	1.8 m	#10	12	2.72 m	#15	18	4.9 m	#15	18	2.4 m	#15	18	3.3 m	#15	34	1.52 m	#10	34	1.09 m	#15	34	2.4 m	#10	34	2.4 m
3	2.7	#15	16	1.8 m	#10	12	2.72 m	#15	18	4.9 m	#15	18	2.4 m	#15	18	3.3 m	#15	34	1.52 m	#10	34	1.09 m	#15	34	2.5 m	#10	34	2.5 m
4	2.9	#15	16	1.8 m	#10	12	2.72 m	#15	20	4.9 m	#15	20	2.4 m	#15	20	3.3 m	#15	34	1.52 m	#10	34	1.09 m	#15	34	2.7 m	#10	34	2.7 m
5	3.0	#15	16	1.8 m	#10	12	2.72 m	#15	20	4.9 m	#15	20	2.4 m	#15	20	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	2.8 m	#10	34	2.8 m
6	3.2	#15	16	1.8 m	#10	12	2.72 m	#15	22	4.9 m	#15	22	2.4 m	#15	22	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	2.9 m	#10	34	2.9 m
7	3.4	#15	16	1.8 m	#10	12	2.72 m	#15	22	4.9 m	#15	22	2.4 m	#15	22	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	3.1 m	#10	34	3.1 m
8	3.5	#15	16	1.8 m	#10	12	2.72 m	#15	24	4.9 m	#15	24	2.4 m	#15	24	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	3.2 m	#10	34	3.2 m
9	3.7	#15	16	1.8 m	#10	12	2.72 m	#15	24	4.9 m	#15	24	2.4 m	#15	24	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	3.4 m	#10	34	3.4 m
10	3.8	#15	16	1.8 m	#10	12	2.72 m	#15	26	4.9 m	#15	26	2.4 m	#15	26	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	3.6 m	#10	34	3.6 m
11	4.0	#15	16	1.8 m	#10	12	2.72 m	#15	26	4.9 m	#15	26	2.4 m	#15	26	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	3.7 m	#10	34	3.7 m
12	4.1	#15	16	1.8 m	#10	12	2.72 m	#15	28	4.9 m	#15	28	2.4 m	#15	28	3.3 m	#20	34	1.52 m	#10	34	1.09 m	#20	34	3.9 m	#10	34	3.9 m
13	4.3	#15	16	1.8 m	#10	12	2.72 m	#15	56	4.9 m	#20	28	2.4 m	#20	28	3.3 m	#20	52	1.52 m	#15	34	1.09 m	#20	52	4.0 m	#15	34	4.0 m
14	4.8	#15	16	1.8 m	#10	12	2.72 m	#15	64	4.9 m	#20	32	2.4 m	#20	32	3.3 m	#20	52	1.52 m	#15	34	1.09 m	#20	52	4.6 m	#15	34	4.6 m
15	5.5	#15	16	1.8 m	#10	12	2.72 m	#15	72	4.9 m	#20	36	2.4 m	#20	36	3.3 m	#20	52	1.52 m	#15	34	1.09 m	#20	52	5.3 m	#15	34	5.3 m
16	6.0	#15	16	1.8 m	#10	12	2.72 m	#15	78	4.9 m	#20	40	2.4 m	#20	40	3.3 m	#20	52	1.52 m	#15	34	1.09 m	#20	52	5.9 m	#15	34	5.9 m
17	6.7	#15	16	1.8 m	#10	12	2.72 m	#15	86	4.9 m	#20	44	2.4 m	#20	44	3.3 m	#20	52	1.52 m	#15	34	1.09 m	#20	52	6.5 m	#15	34	6.5 m

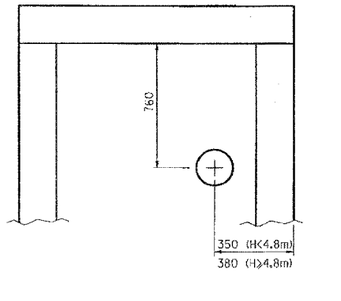


REINFORCED LID FOR
TYPE 20 & 22 FRAME & GRATE

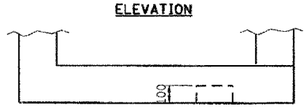


REINFORCED LID FOR
TYPE 21 FRAME & GRATE
(FOR USE IN SAG AREAS)





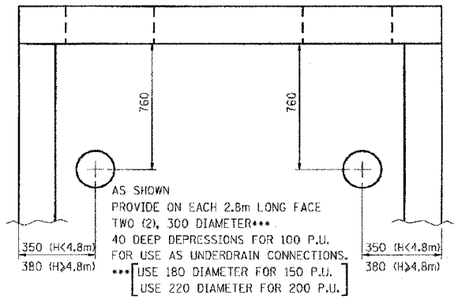
ELEVATION



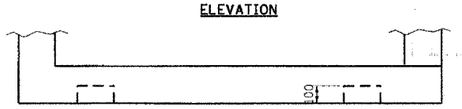
PLAN

AS SHOWN
PROVIDE ON EACH FACE
ONE (1), 100 DEPRESSION
FOR USE AS UNDERDRAIN CONNECTIONS.
USE 120 DIAMETER FOR 100 P.U.
180 DIAMETER FOR 150 P.U.
220 DIAMETER FOR 200 P.U
REFER TO PLANS FOR SIZE & LOCATION OF PIPE UNDERDRAINS.

PIPE UNDERDRAIN CONNECTION DETAIL



ELEVATION



PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)

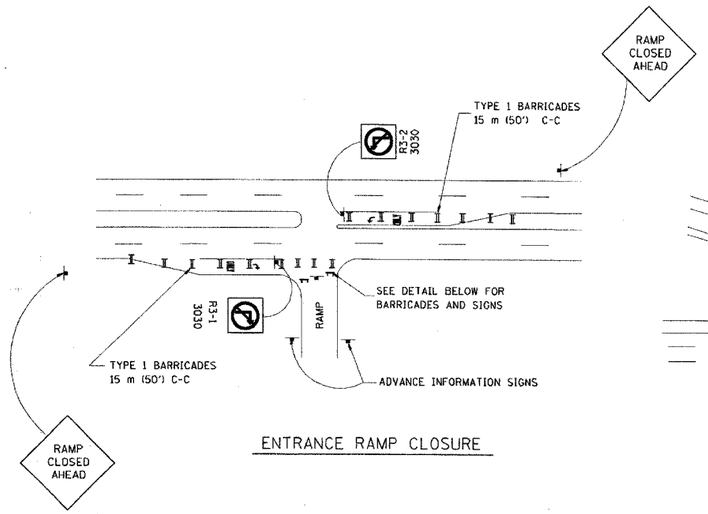
DRAINAGE STRUCTURES
CATCH BASINS 2.4mx0.9m & 2.4mx1.5m
FOR DEPTHS WHERE H >2.4m

SHEET 2 OF 2
SCALE NONE — DRAWN BY ACE/CAD
DATE 03/03 — CHECKED BY

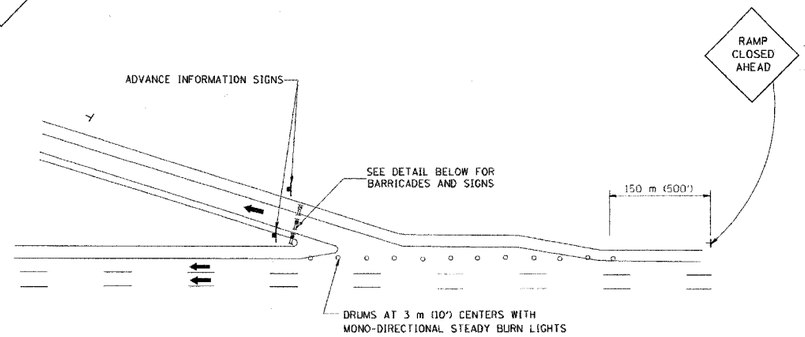
CS-108 (METRIC)
REVISION DATE:

G:\Project\2014DBD\DWG\Details\DS_100.dgn Wed Mar 19 11:45:25 2003

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	512
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(2425 & 2626) R-2		CONTRACT NO. 52111		

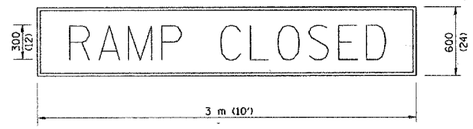


ENTRANCE RAMP CLOSURE



EXIT RAMP CLOSURE

RAMP CLOSURE ADVANCE WARNING SIGN

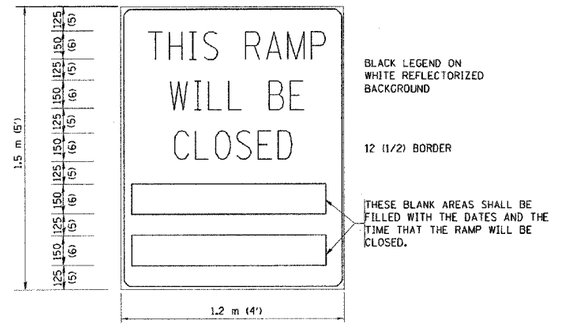


BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND

25 (1) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMPS.

RAMP CLOSURE ADVANCE INFORMATION SIGN

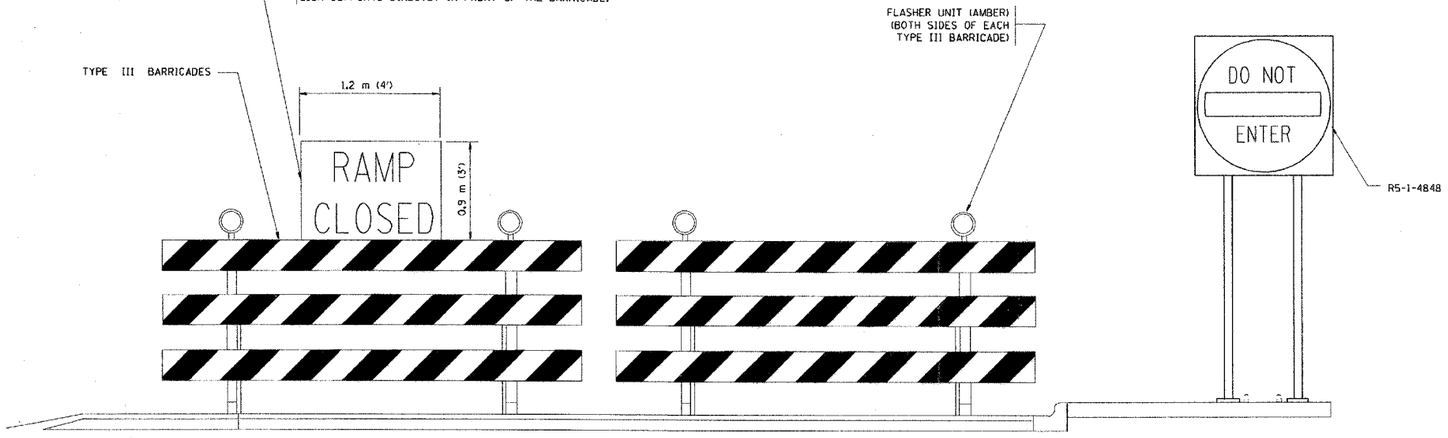


BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND

12 (1/2) BORDER

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, 4 MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.



DETAIL FOR REQUIRED BARRICADES & SIGNS

GENERAL NOTES:

1. CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 700 (28) HIGH.
2. STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
3. A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
4. FOR DAYTIME RAMP CLOSURES, LASTING 6 HOURS OR LESS, THE CONTRACTOR MAY ELIMINATE THE ADVANCE WARNING SIGNS ON THE EXIT GUIDE SIGNS.
5. ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
6. THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION.
7. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.

NOTES:

1. CONES MAY BE SUBSTITUTED FOR TYPE I AND TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28" IN HEIGHT.
2. STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
3. THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY- FOUR (24) HOURS.
4. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY FOUR (24) HOURS IN LENGTH.

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

REVISIONS	
NAME	DATE
DWS	2-83
DWS	1/90
DWS	9/94
DWS	12/94
DWS/JAF	12/02
Revise devices to meet NCHRP 350	4/03

ILLINOIS DEPARTMENT OF TRANSPORTATION

FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS

SCALE: NONE

DRAWN BY

DATE 05/06/2003

CHECKED BY

TC-8

05/06/2003
c:\projects\dist\std\tc08.dgn
VH-TC8

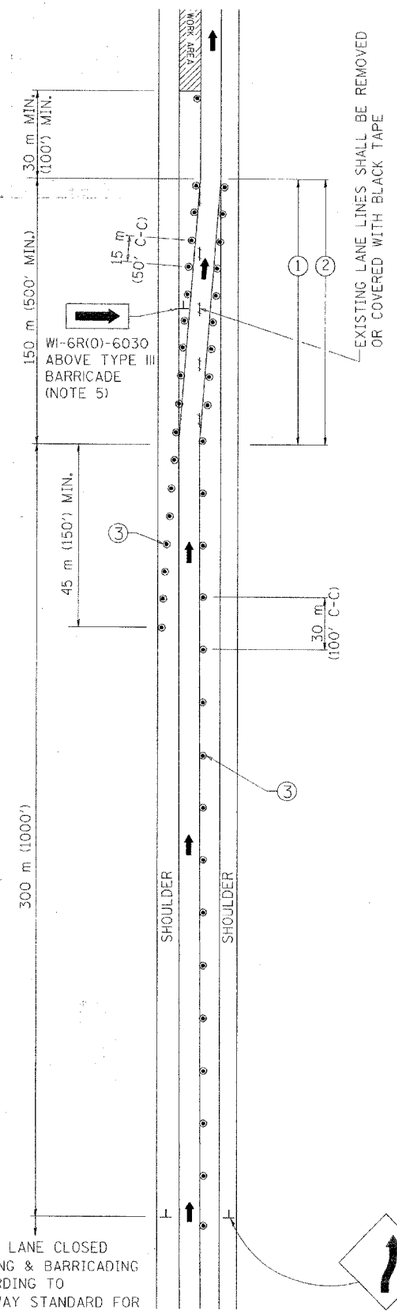
REVISION DATE: 04/03/03

RECD FROM DI. 1/2/83--CEL CREATED 7/18/83

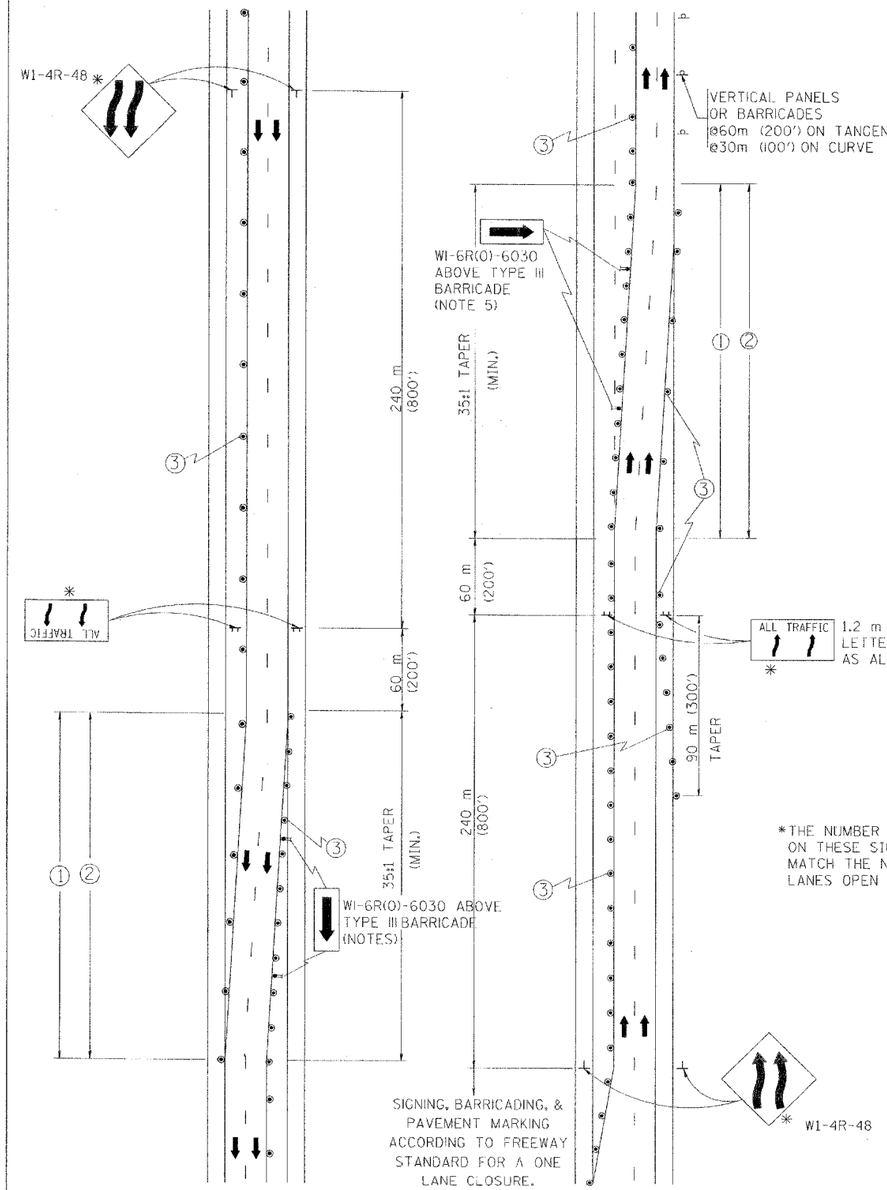
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	*	---	631	613
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

*(2425 & 2626)R-2 CONTRACT NO. 62111

SINGLE LANE WEAVE



MULTI-LANE WEAVE



*THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC

GENERAL NOTES

1. EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
2. CONTINOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 90 m (300') ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 3 M-9 M (10'-30') SKIP DASH, WHITE.
3. PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 15 m (50') C-C SPACING IN TAPERS AND 30 m (100') C-C SPACING IN TANGENTS.
4. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE

REVISIONS	
NAME	DATE
DWS	2/87
DWS	1/90
DWS	12/27/94
DWS	11/96
JAF	4/03

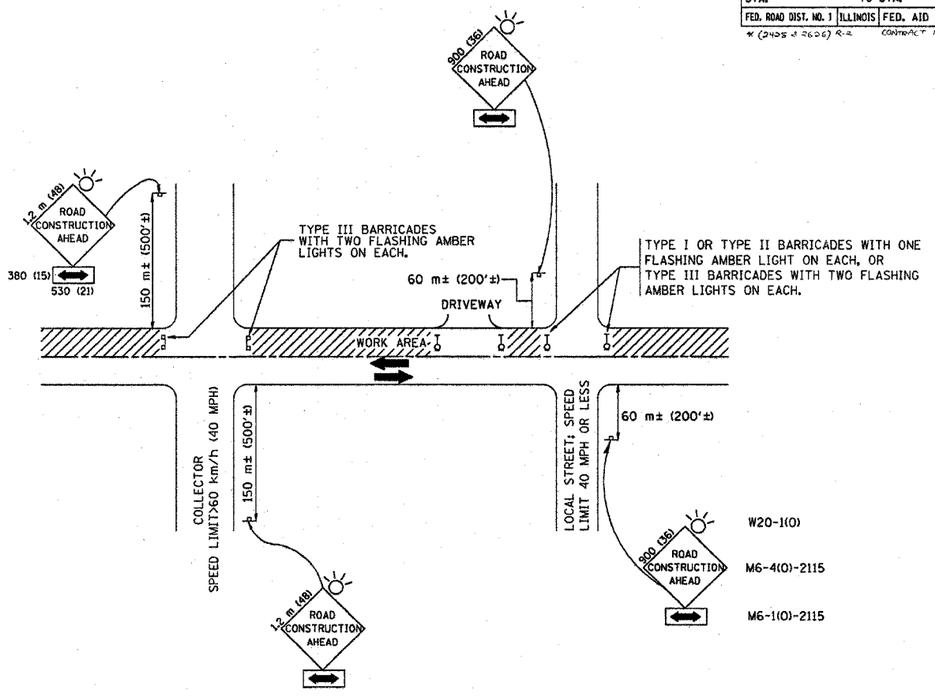
SCALE: NONE
DATE: 05/12/2003
DRAWN BY R.H.
CHECKED BY TC-9

REVISION DATE: 04/20/03

05/12/2003
K:\dist\std\tc09.dgn
VHTC9

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			631	514
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (2405 & 2606) R-2 CONTRACT NO. 60111



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

NOTES:

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

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

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

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

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

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

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

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

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

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

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

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

SCALE: VERT. HORIZ.

DATE 10/18/2002

DRAWN BY

CHECKED BY

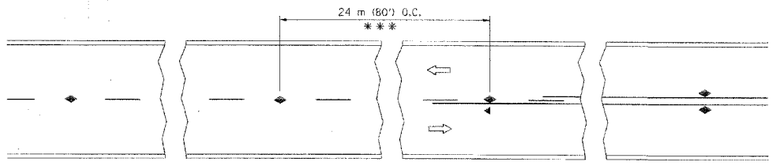
TC-10

REVISION DATE: 01/06/00

Friday October 18, 2002 @ 10:20:23 AM
c:\projects\diststd\tc10.dgn LV=35,63
USER

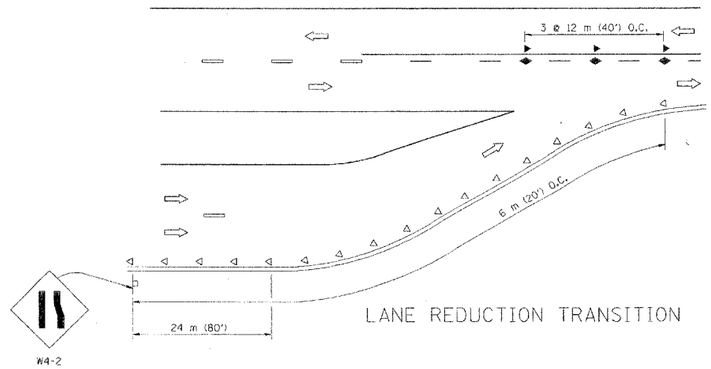
F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	※		631	515
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

※(2425 & 2626) R-2 CONTRACT NO. 62111

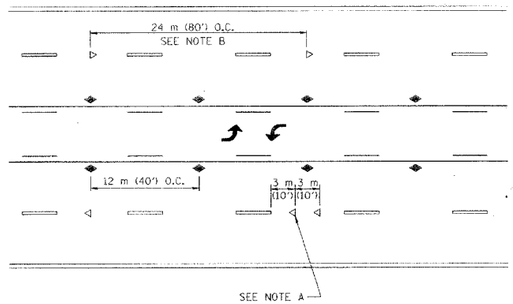


*** REDUCE TO 12 m (40') O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 70 km/h (45 M.P.H.) OR LESS.

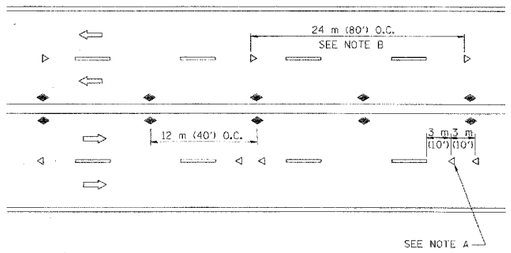
TWO-LANE/TWO-WAY



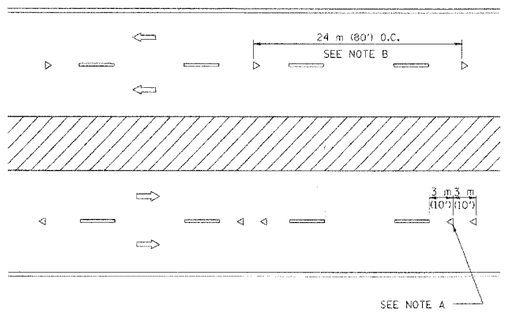
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 50 TO 75 (2 TO 3) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 150 m (500') IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

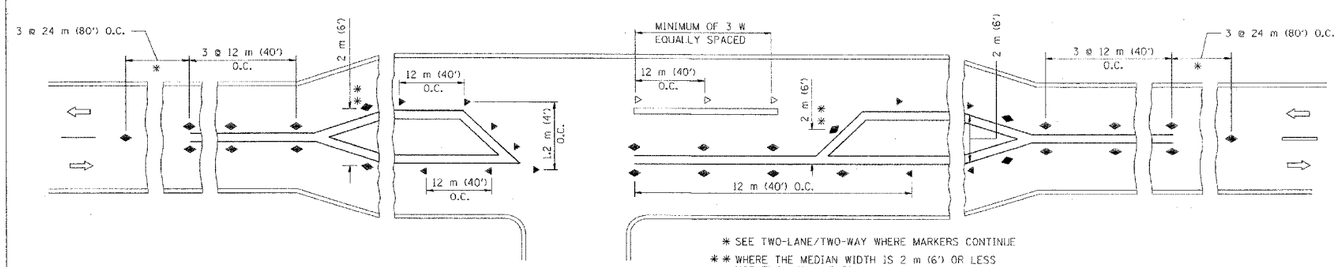
LANE MARKER NOTES

B. REDUCE TO 12 m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 20 km/h (10 M.P.H.) LOWER THAN POSTED SPEEDS.

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



※ SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

※※ WHERE THE MEDIAN WIDTH IS 2 m (6') OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS
(SNOW-PLOW RESISTANT)

SCALE: NONE — DRAWN BY CADD

DATE: 02/01/2002 — CHECKED BY

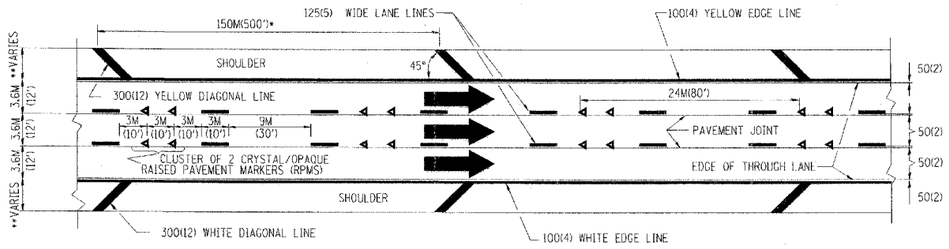
TC-11

02/01/2002
K:\dist\std\tc11.dgn
V8=TC11

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		681	814
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

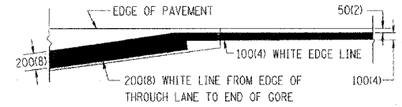
*(2425 & 2626)R-2 CONTRACT NO. 82111

* THE DIAGONAL LINES SHALL BE SPACED AT 12M (40') C-C ACROSS ALL STRUCTURES WHICH ARE 150M (500') OR LESS IN LENGTH
** THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 1.8M (6') OR LESS IN WIDTH

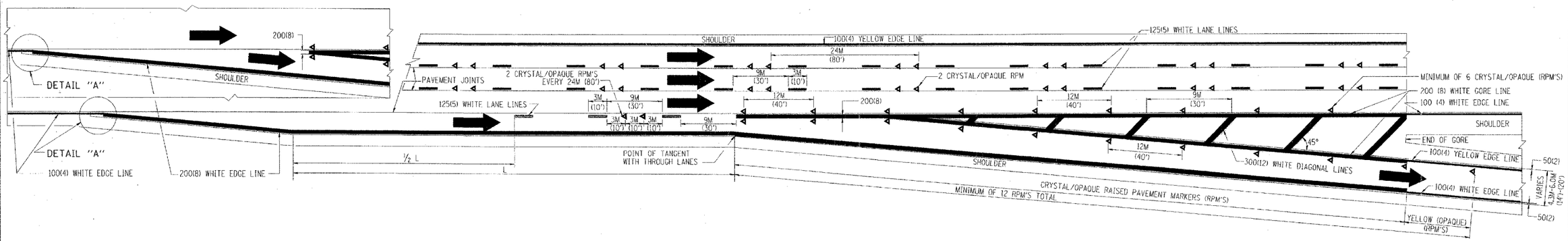


TYPICAL EDGE LINES & LANE LINES

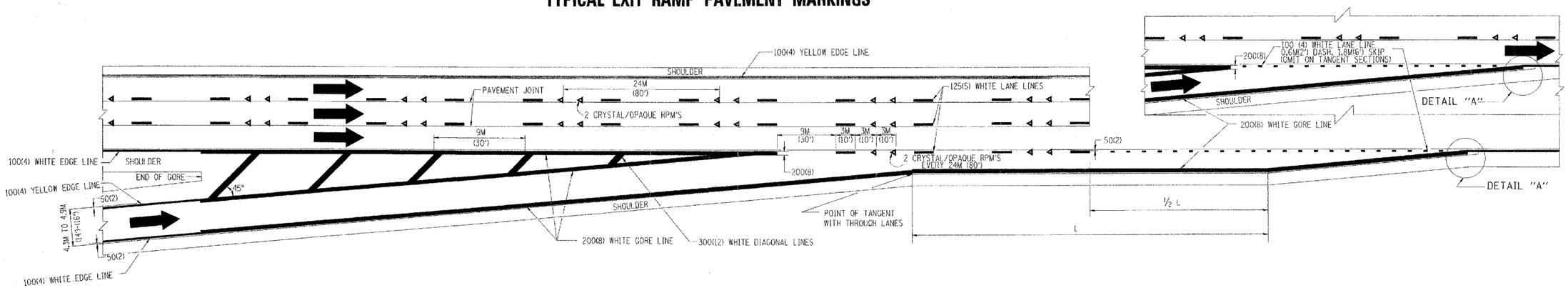
NOTES:
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES
3. PREFORMED PLASTIC PAVEMENT MARKING LINE SHALL BE USED ON PCC PAVEMENT.



DETAIL "A"



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
AH	3/96
DWS	7/96

ILLINOIS DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

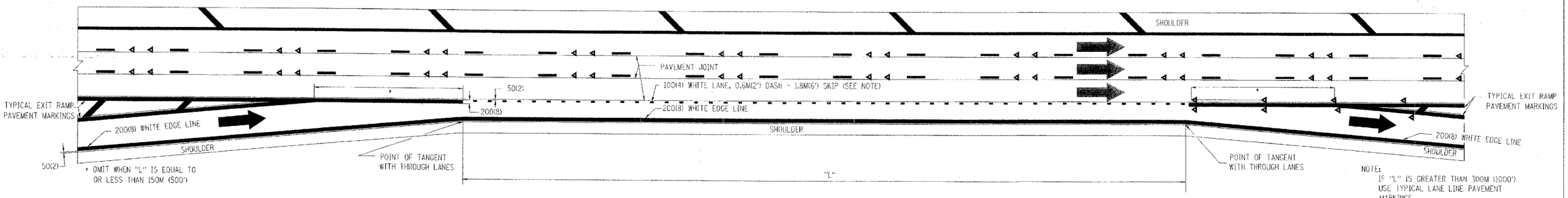
SCALE: NONE — DRAWN BY C.A.D.D.
DATE: $$DATE$$ — CHECKED BY

DATE-TIME
DGN-SPEC
V1=TC12

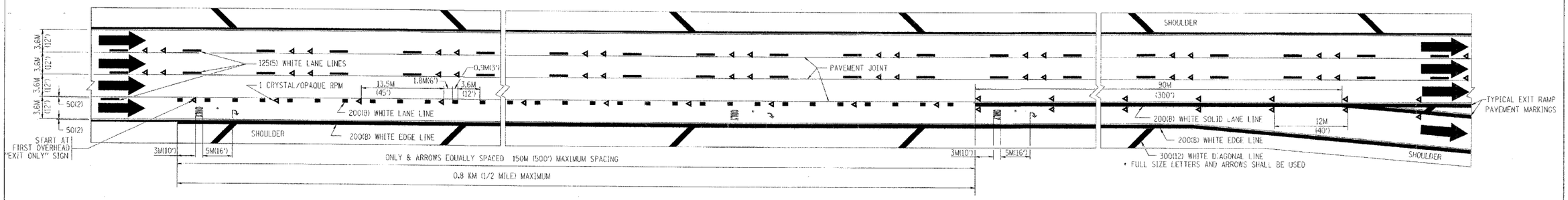
RECD FROM DI. 1/2/83--CEL CREATED 7/18/83

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	*		E31-	519-
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

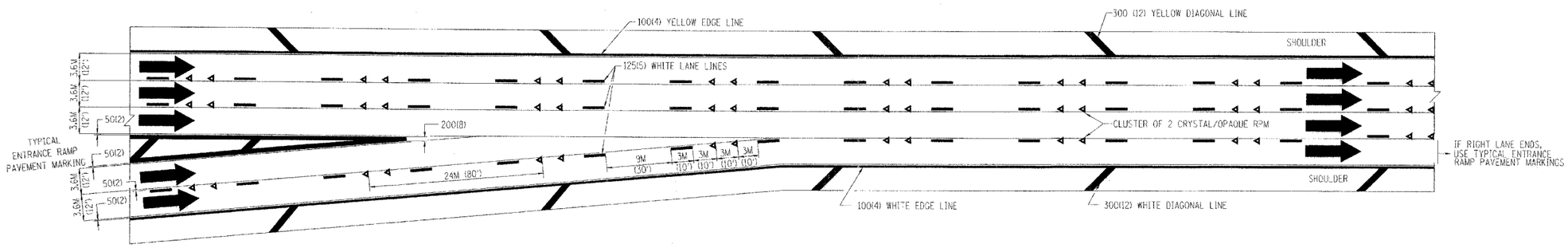
*(2425 & 2626) R-2 CONTRACT NO. 62111



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91

ILLINOIS DEPARTMENT OF TRANSPORTATION

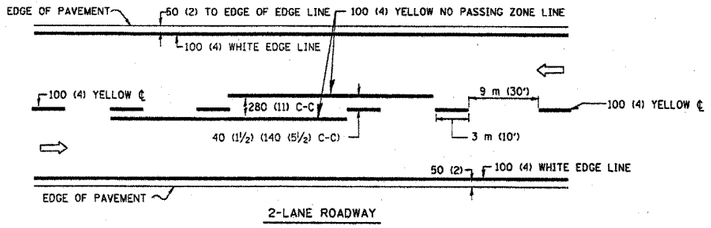
MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

SCALE: NONE — DRAWN BY C.A.D.D.

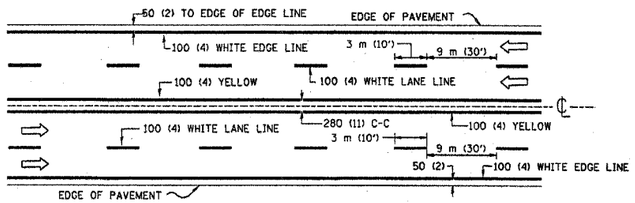
DATE: $$DATE$$ — CHECKED BY

SHEET 2 OF 2 TC-12

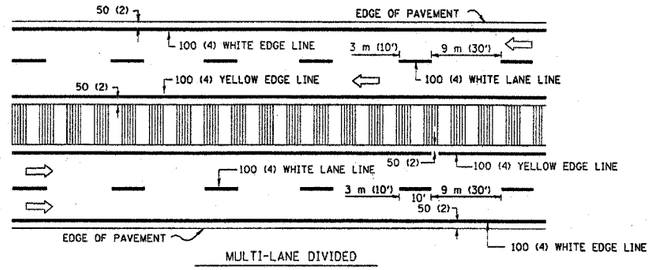
DATE-TIME
DGN-SPEC
VI=TC12



2-LANE ROADWAY



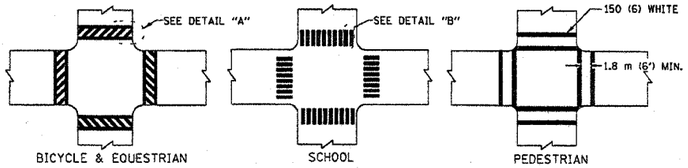
MULTI-LANE UNDIVIDED

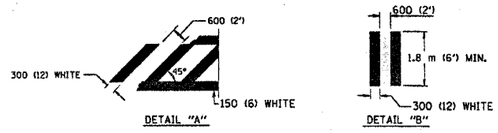


MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

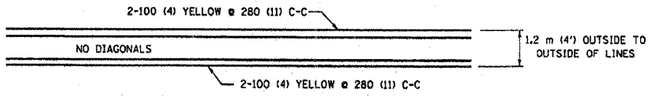
NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

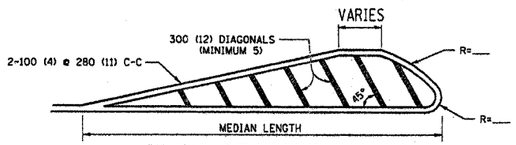




TYPICAL CROSSWALK MARKING



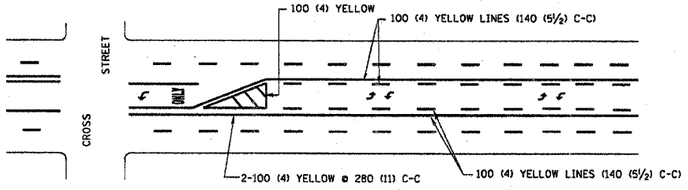
1.2 m (4') WIDE MEDIANS ONLY



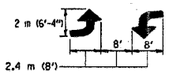
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 1.2 m (4') WIDE

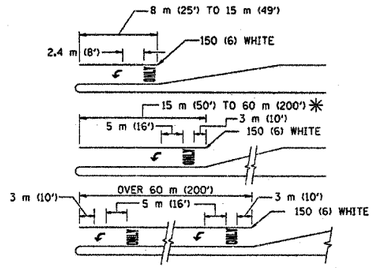


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

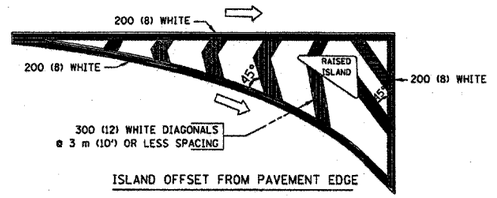


FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.
↰ AREA = 1.5 m² (15.6 SQ. FT.) ONLY AREA = 1.9 m² (20.8 SQ. FT.)

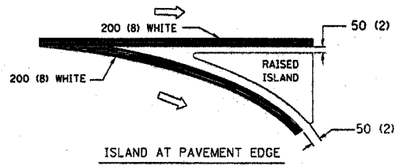
✳ TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVEDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5½) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5½) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m² (3.6 SQ. FT.) EACH "X"=5.0 m² (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	*		631	58
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(2425 & 2626)R-2 CONTRACT NO. 62111

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

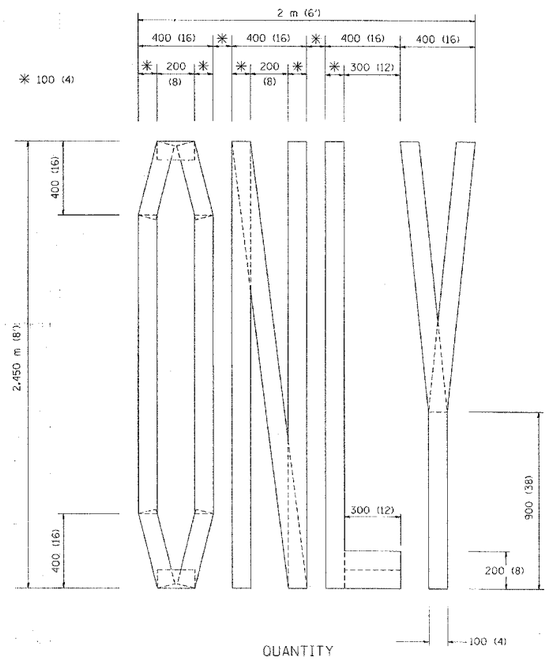
SCALE: NONE DRAWN BY CADD

DATE $$DATE$$ CHECKED BY

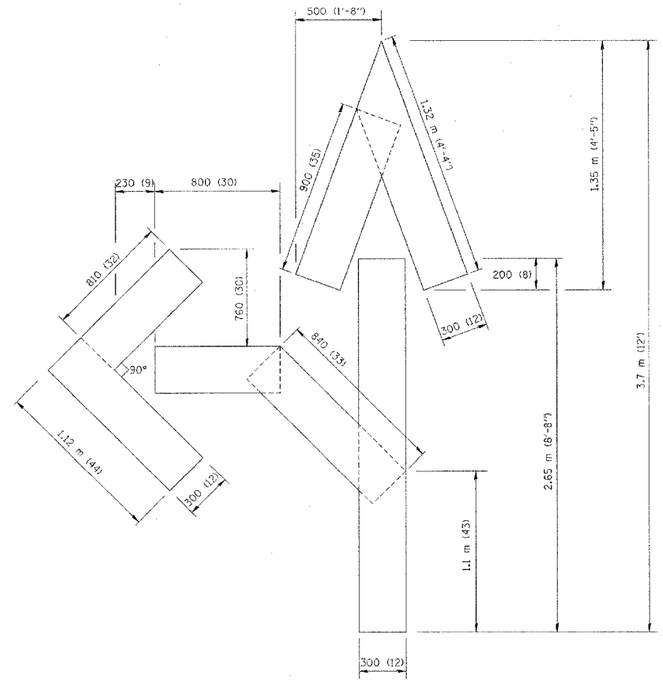
DATE-TIME
DGN-SPEC
VI=TC13

F. A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	319
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

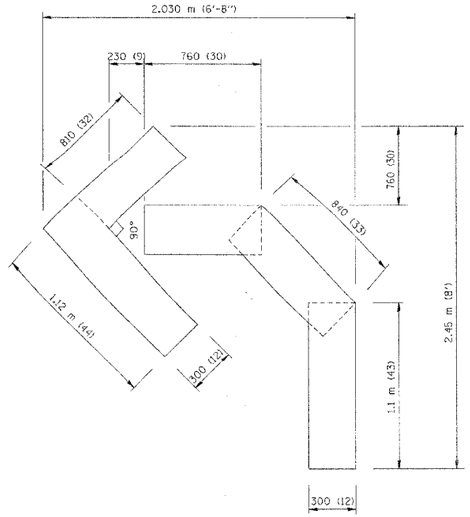
*(2425 & 2626) R-2 CONTRACT NO. 62111



QUANTITY
100 (4) LINE = 19.7 m (64.1 ft.)
1.97 sq. m (21.1 sq. ft.)



QUANTITY
100 (4) LINE = 25.3 m (82.5 ft.)
2.53 sq. m (27.5 sq. ft.)



QUANTITY
100 (4) LINE = 13.9 m (45.5 ft.)
1.39 sq. m (15.2 sq. ft.)

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

SCALE: NONE
DRAWN BY CADD
DATE $$DATE$$
CHECKED BY

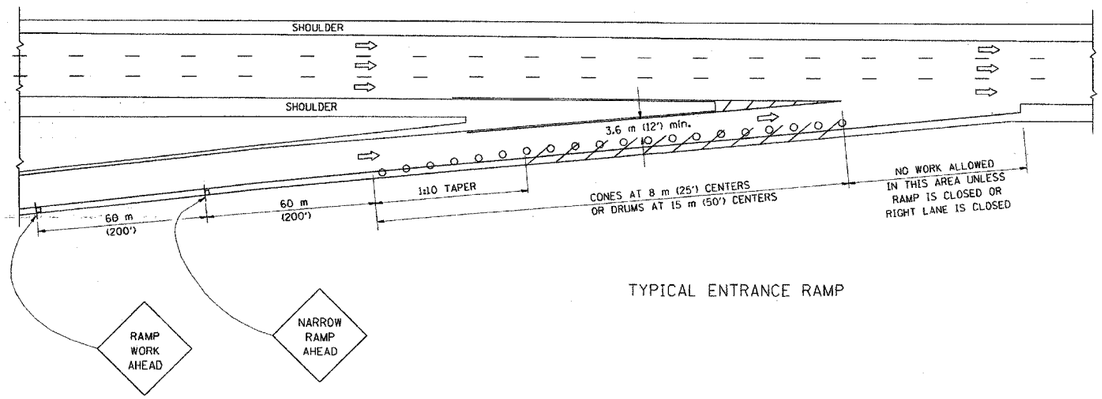
TC-16

•DATE-TIME•
•DGN-SPEC•
VI-TC16

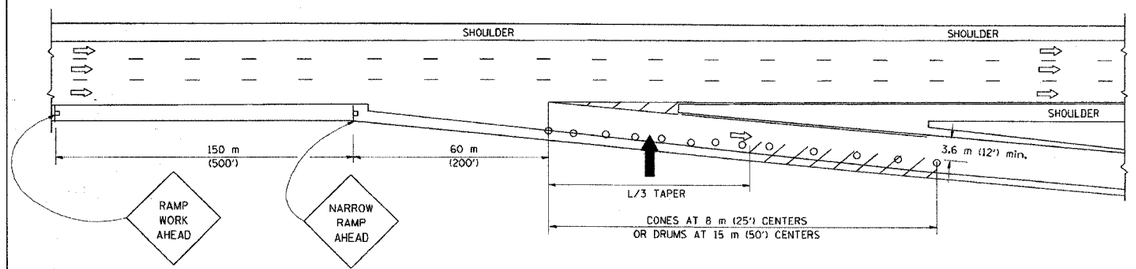
Create Date: 03-23-95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	520
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*(2425&2626)R-2		CONTRACT NO. 62111		

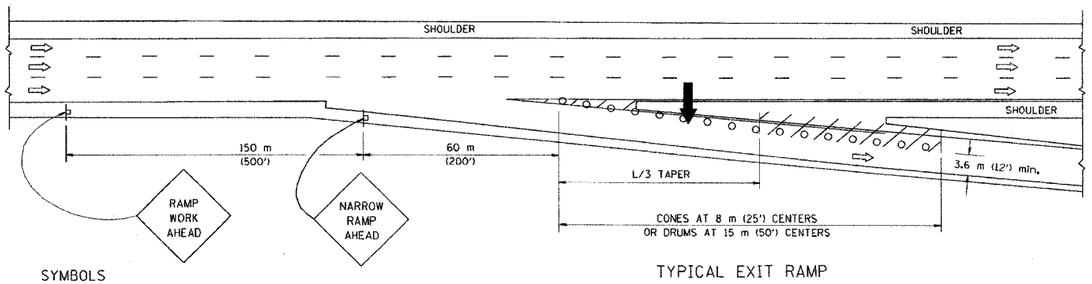
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- CONES - 700 (28) IN HEIGHT

GENERAL NOTES

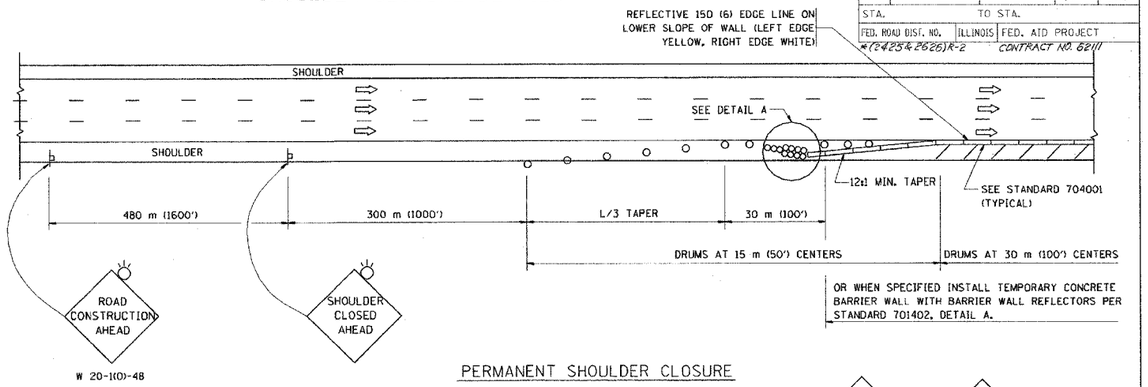
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS	
	METRIC	ENGLISH
80 km/h (45 mph) OR GREATER:	L=0.65(W)(S)	L=(W)(S)

W = WIDTH OF OFFSET IN METERS (FEET)
S = NORMAL POSTED SPEED KM/H (MPH)

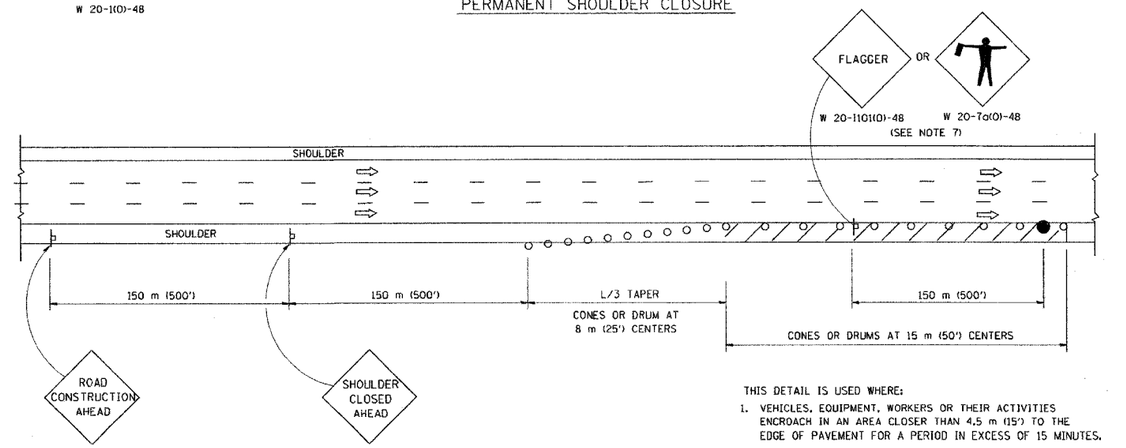
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



W 20-1(0)-48

PERMANENT SHOULDER CLOSURE

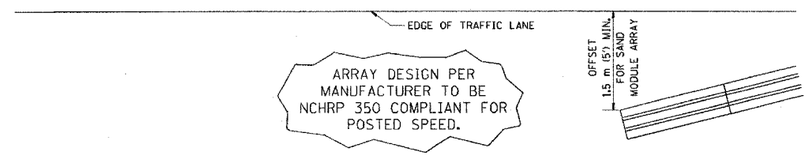


W 20-1(0)-48

THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 4.5 m (15') TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

DAYTIME SHOULDER CLOSURE



DETAIL "A"
IMPACT ATTENTUATOR, TEMPORARY
(SEE NOTE 5)

5. THE IMPACT ATTENTUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS OUTSIDE THE CLEAR ZONE OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
   a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
   b. THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.

THE FLAGGER SHALL BE STATIONED APPROXIMATELY 30 m (100') TO 60 m (200') IN ADVANCE OF THE WORKERS.

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

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES

SCALE: NONE
DATE: 05/06/2003
DRAWN BY
DESIGNED BY: DWS
CHECKED BY

TC-17

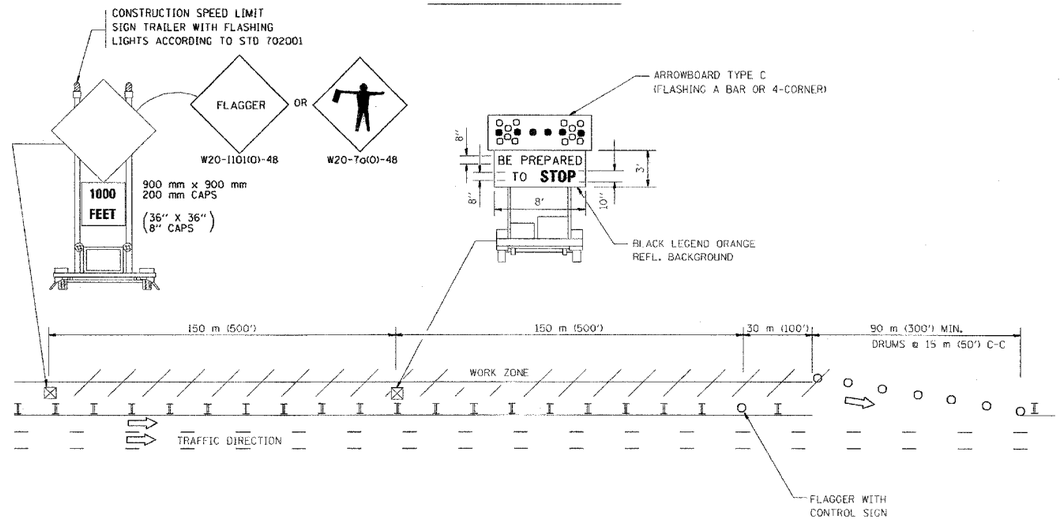
REVISION DATE: 04/24/03

05/06/2003
c:\projects\dist\std\tc17.dgn
VI-TC17

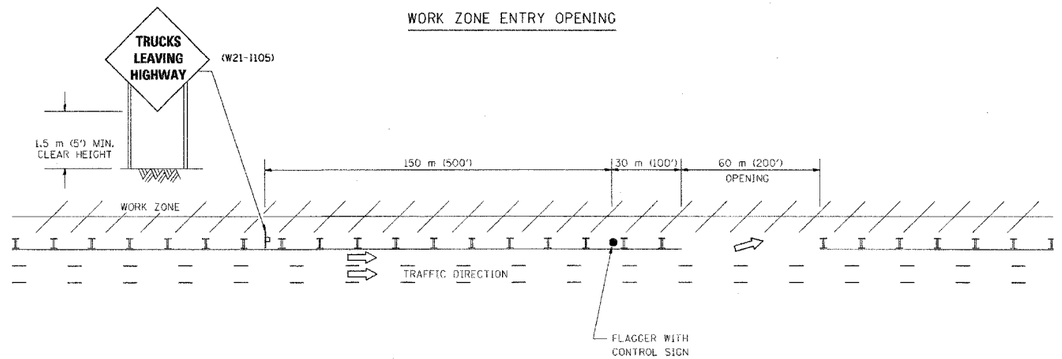
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*		631	32*
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
#(2425 & 2626)R-2		*CONTRACT NO. 62111*		

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

SCALE: NONE — DRAWN BY CADD

DATE 05/06/2003 — CHECKED BY

TC-18

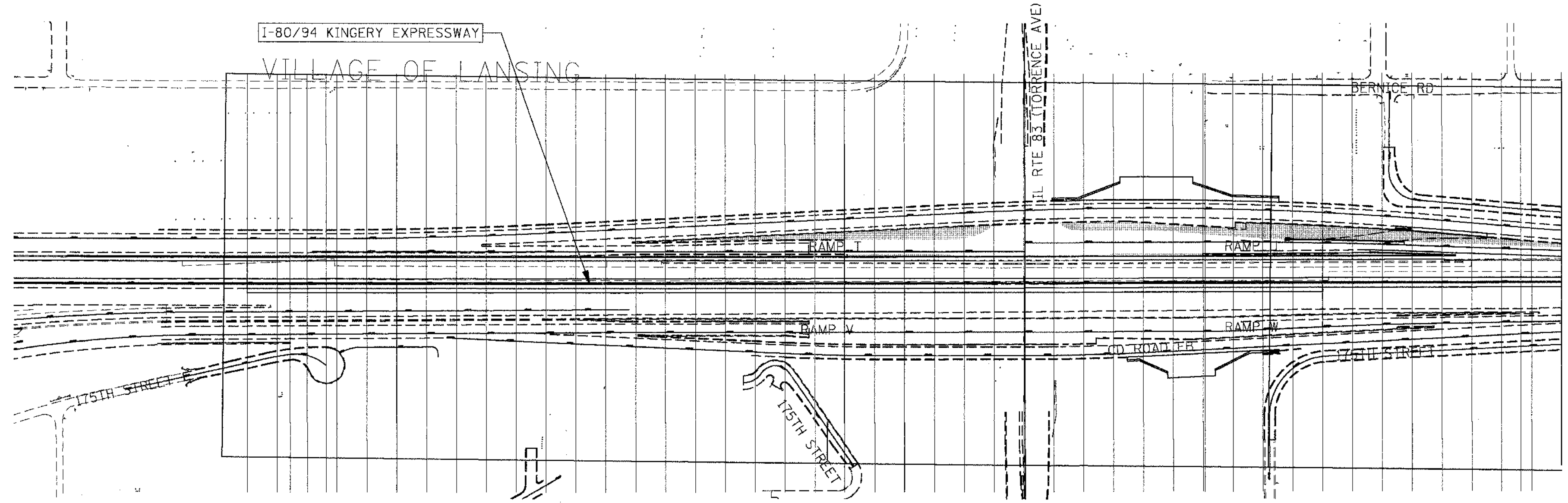
REVISION DATE: 04/24/03

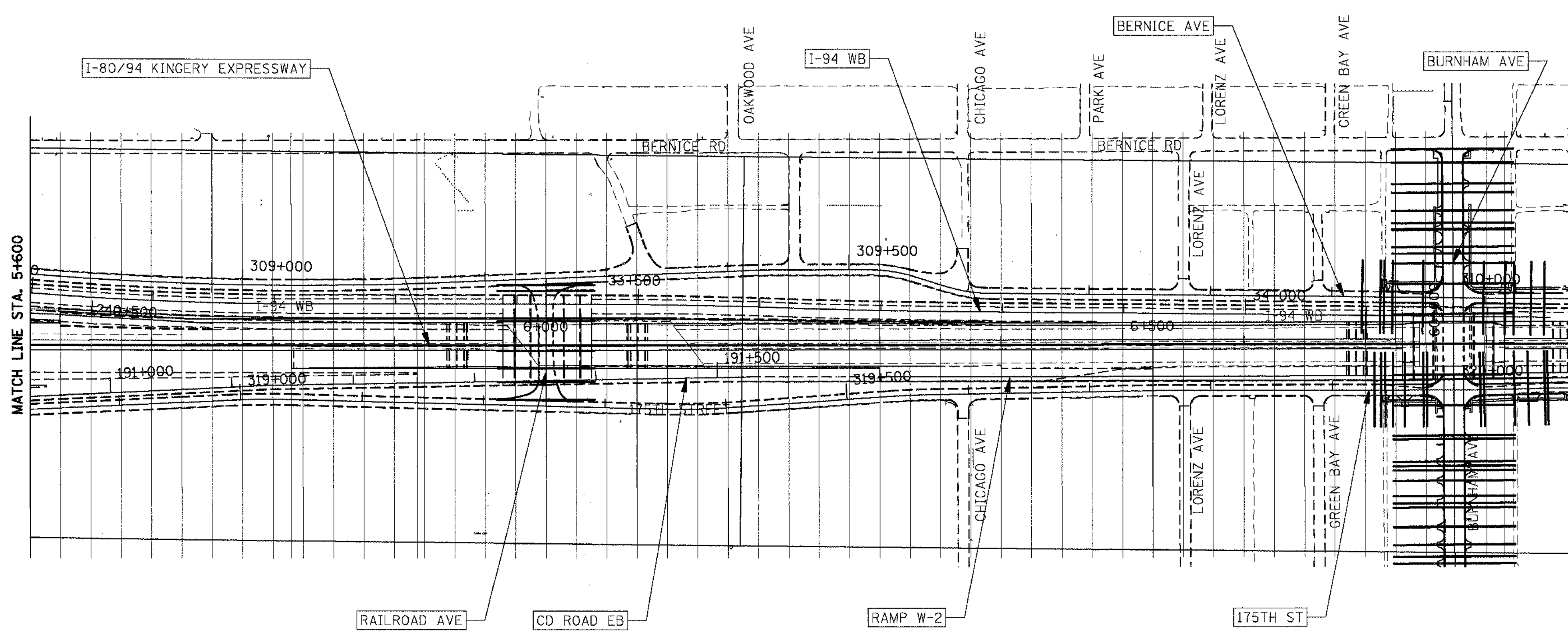
05/06/2003
c:\projects\dist\std\tc18.dgn
VPTC18

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	522
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2 CONTRACT NO. 62111

N





LEGEND

----- EXISTING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
COOK COUNTY

CROSS SECTION KEY MAP

SCALE: 1:2500
DATE: 8/22/05

DRAWN BY: MZD
CHECKED BY: RJS

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\HRI70032A.DGN, ..\AB99001 2A.DGN, ..\PB99001 2A.DGN, ..\XRI70012A.DGN, ..\HRI30042A.DGN, ..\PRI70012A.DGN, ..\XPI70012A.DGN, ..\XRI70012A.DGN, ..\PRI70012A.DGN, ..\XPI70012A.DGN, ..\HRI30042A.DGN, ..\HRI35032A.DGN
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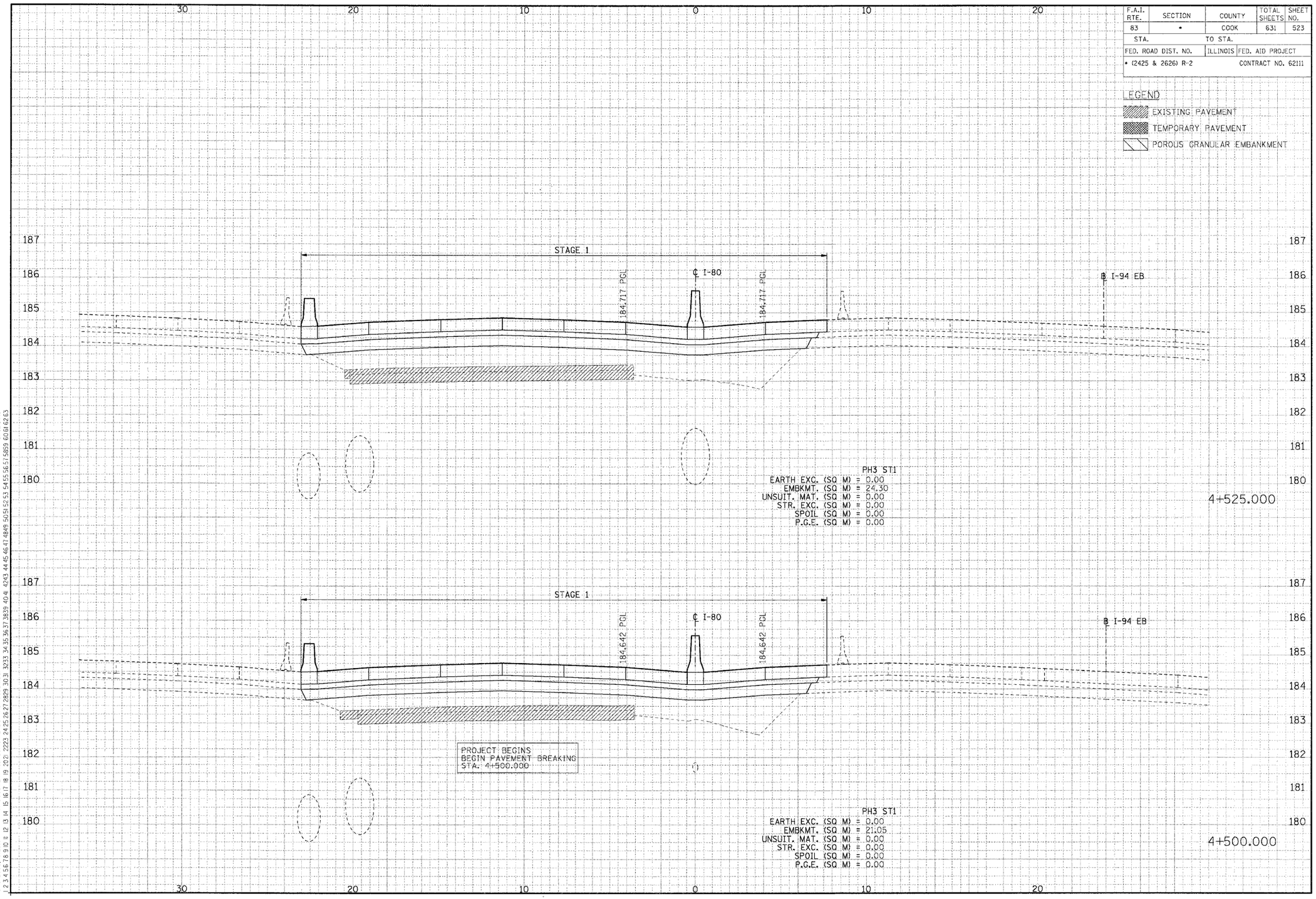
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	523
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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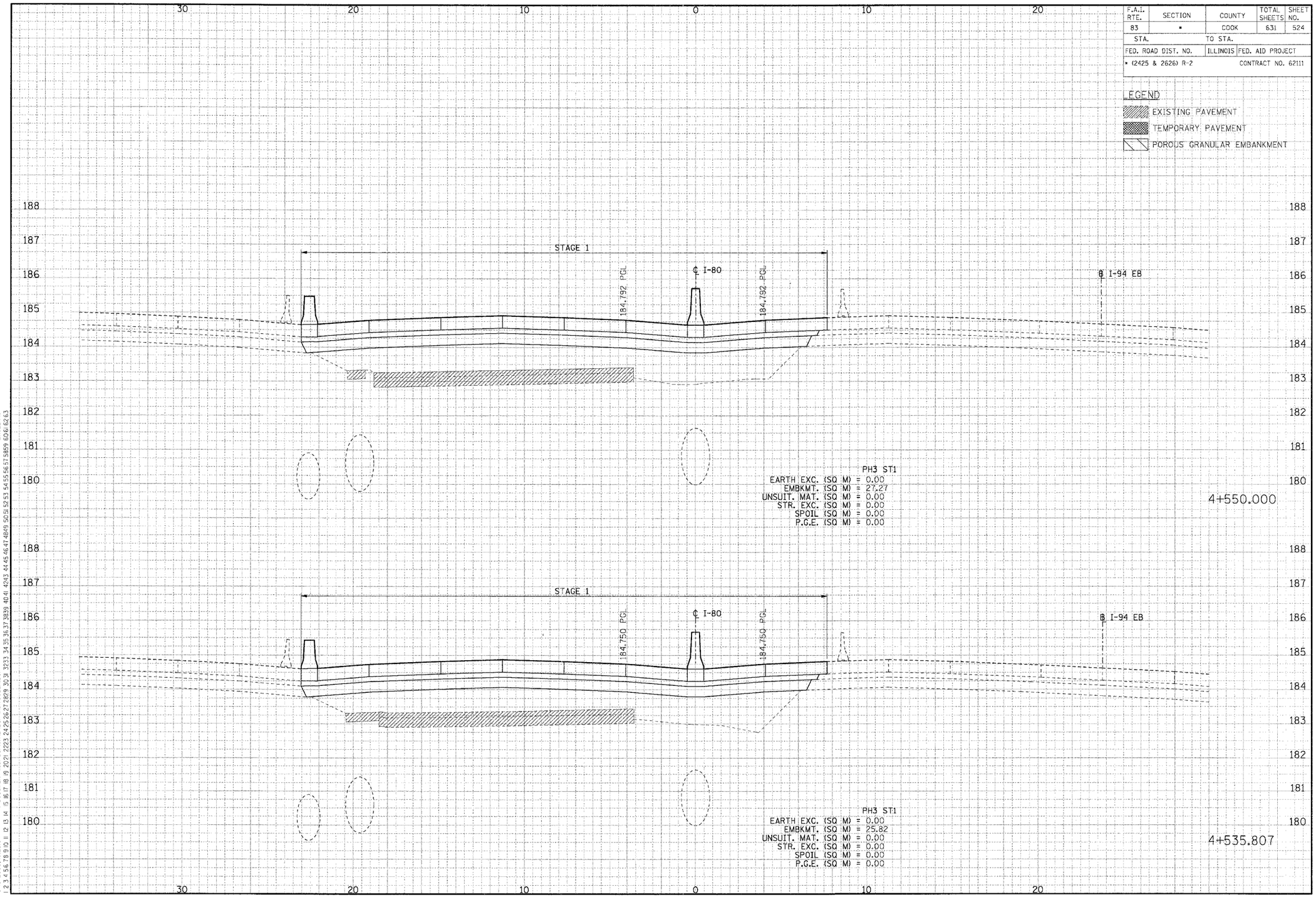
8-18-2005, 10:28:04 I:\DOCUMENT\RDTDGN\CIVIL\DGN\XS170032A.DGN ..\DR30032A.DGN, ..\DR30022A.DGN, ..\PR30002A.DGN, ..\PR99007A.DGN, ..\PR30022A.DGN, ..\VR17002A.DGN, ..\VR30022A.DGN, ..\VR17002A.DGN, ..\XP17032A.DGN, ..\VW30002A.DGN, ..\VR17032A.DGN, ..\UG99R002A.DGN, ..\SL99R002A.DGN, ..\XW1T0032A.DGN, ..\XW1T0032A.DGN, ..\XP17002A.DGN, ..\XR99001A.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	524
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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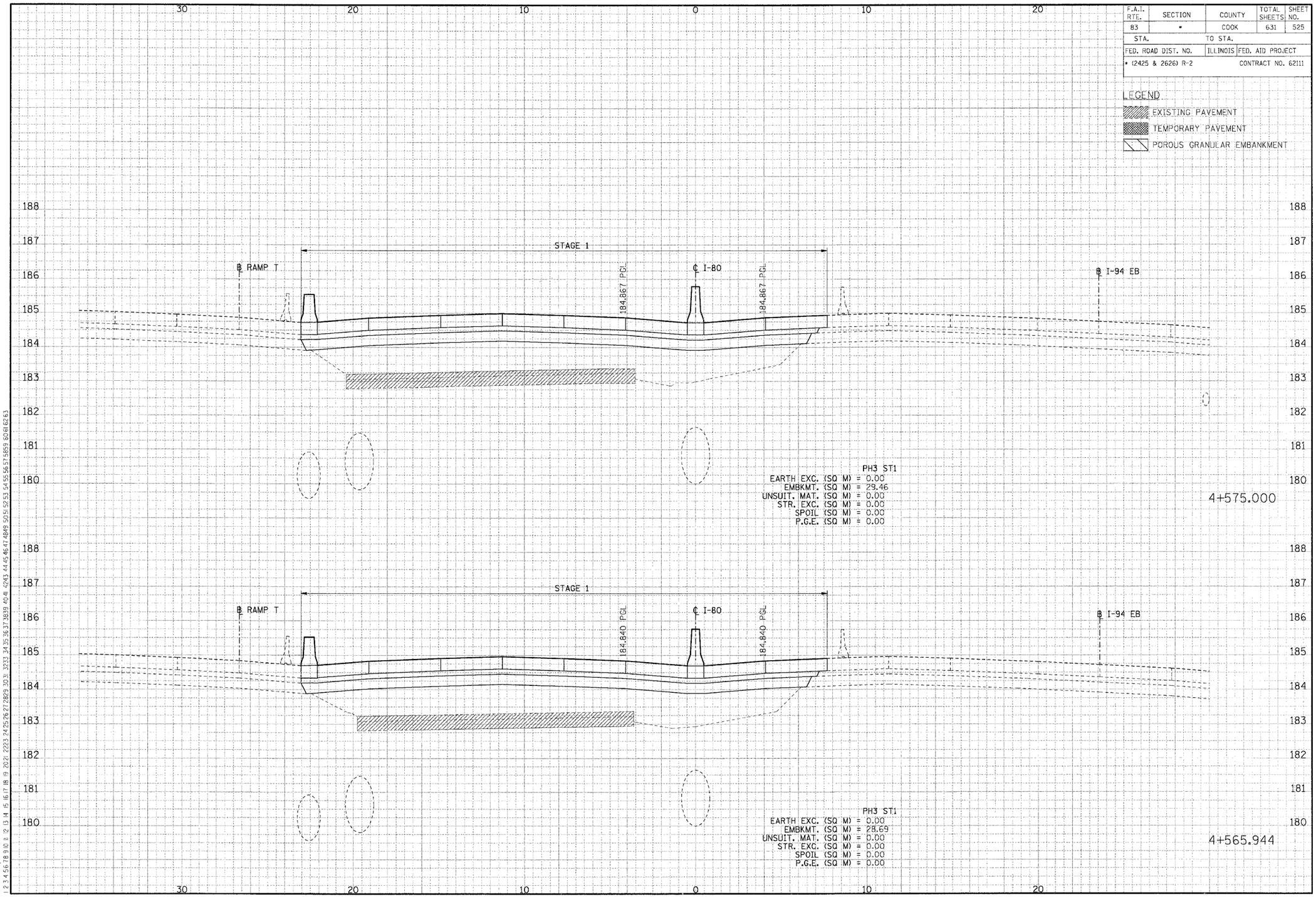
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	525
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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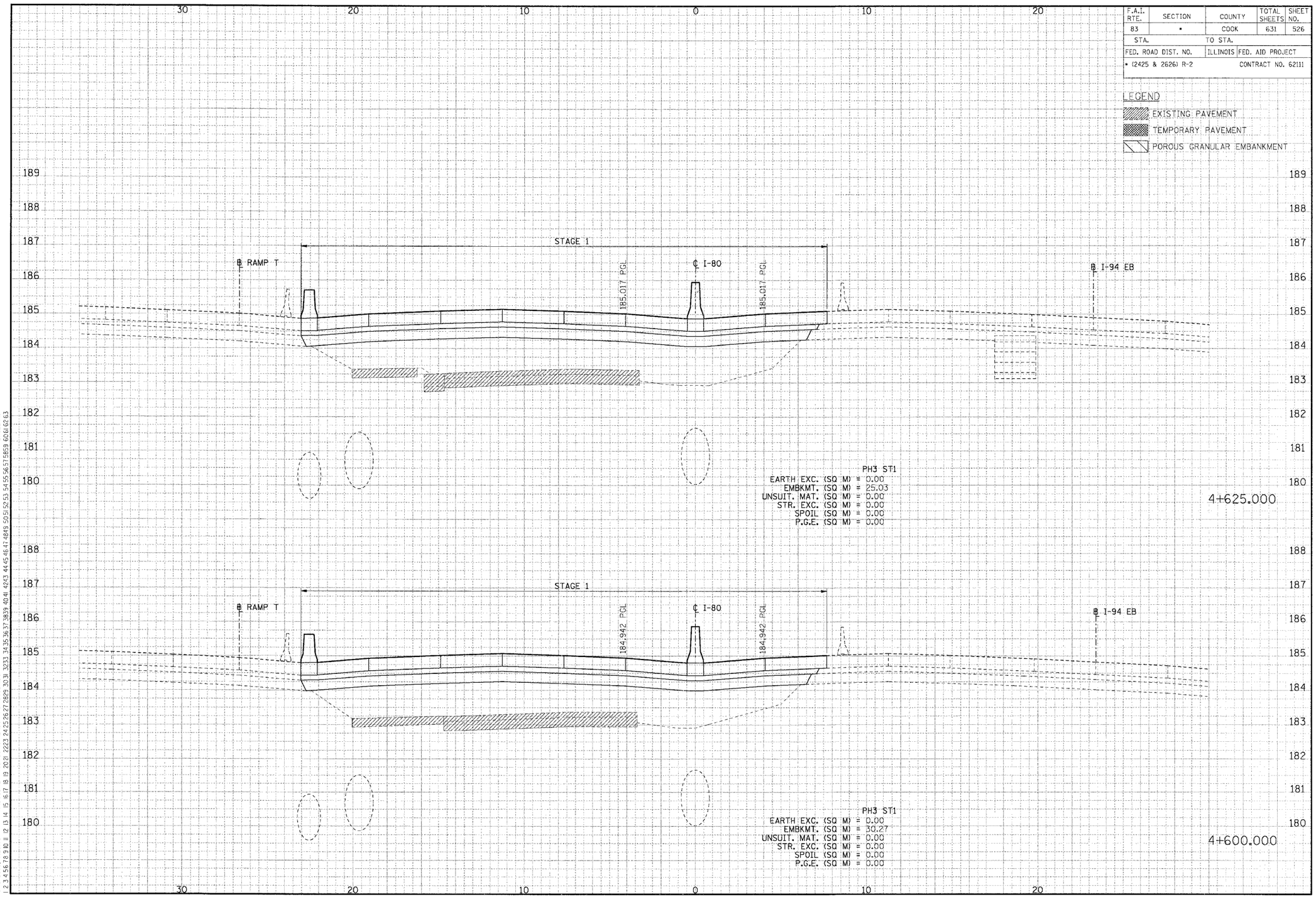
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	526
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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

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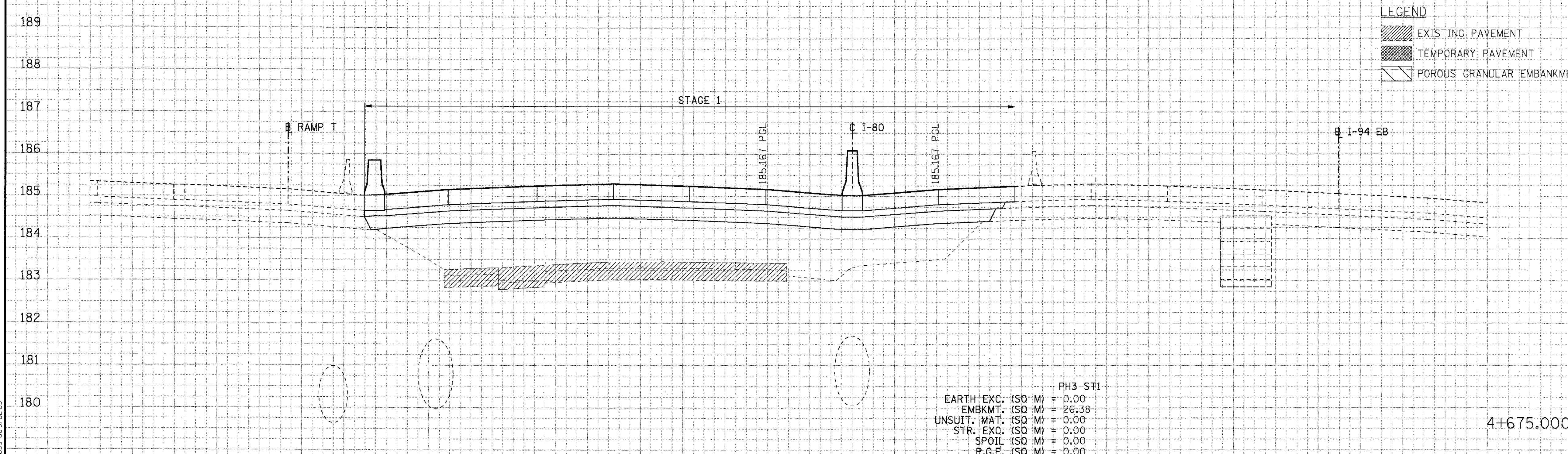
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	527
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



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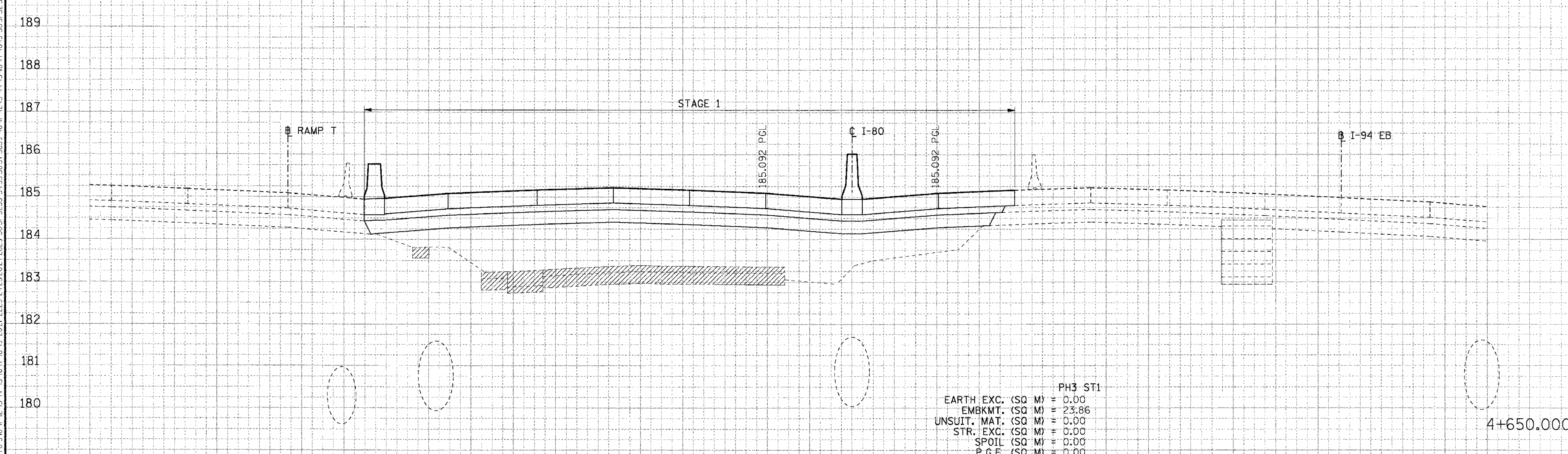
EMBKMT. (SQ M) = 26.38
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

4+675.000



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EMBKMT. (SQ M) = 23.86
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

4+650.000

30 20 10 0 10 20

CROSS-SECTIONS FOR I-80/94

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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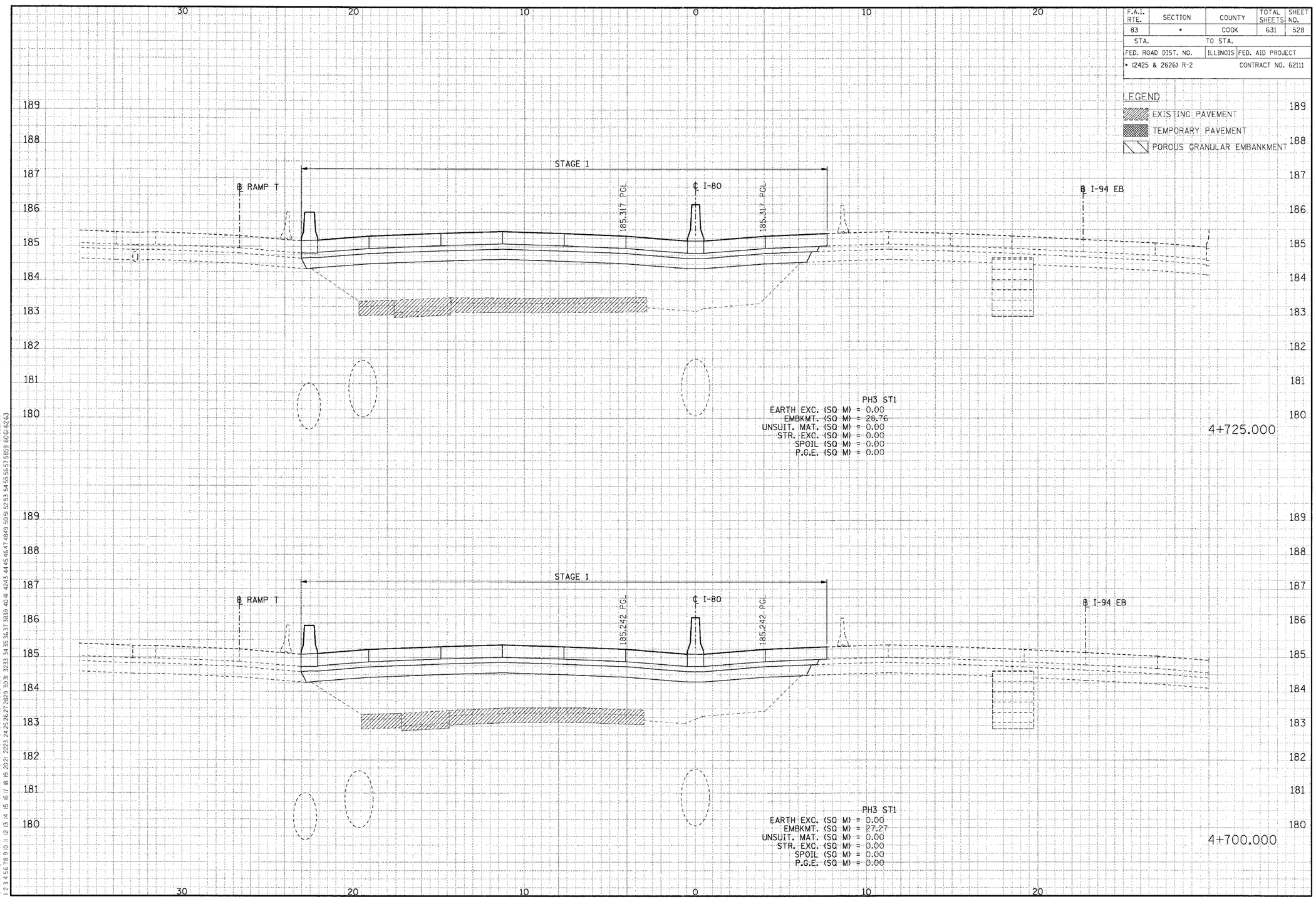
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	528
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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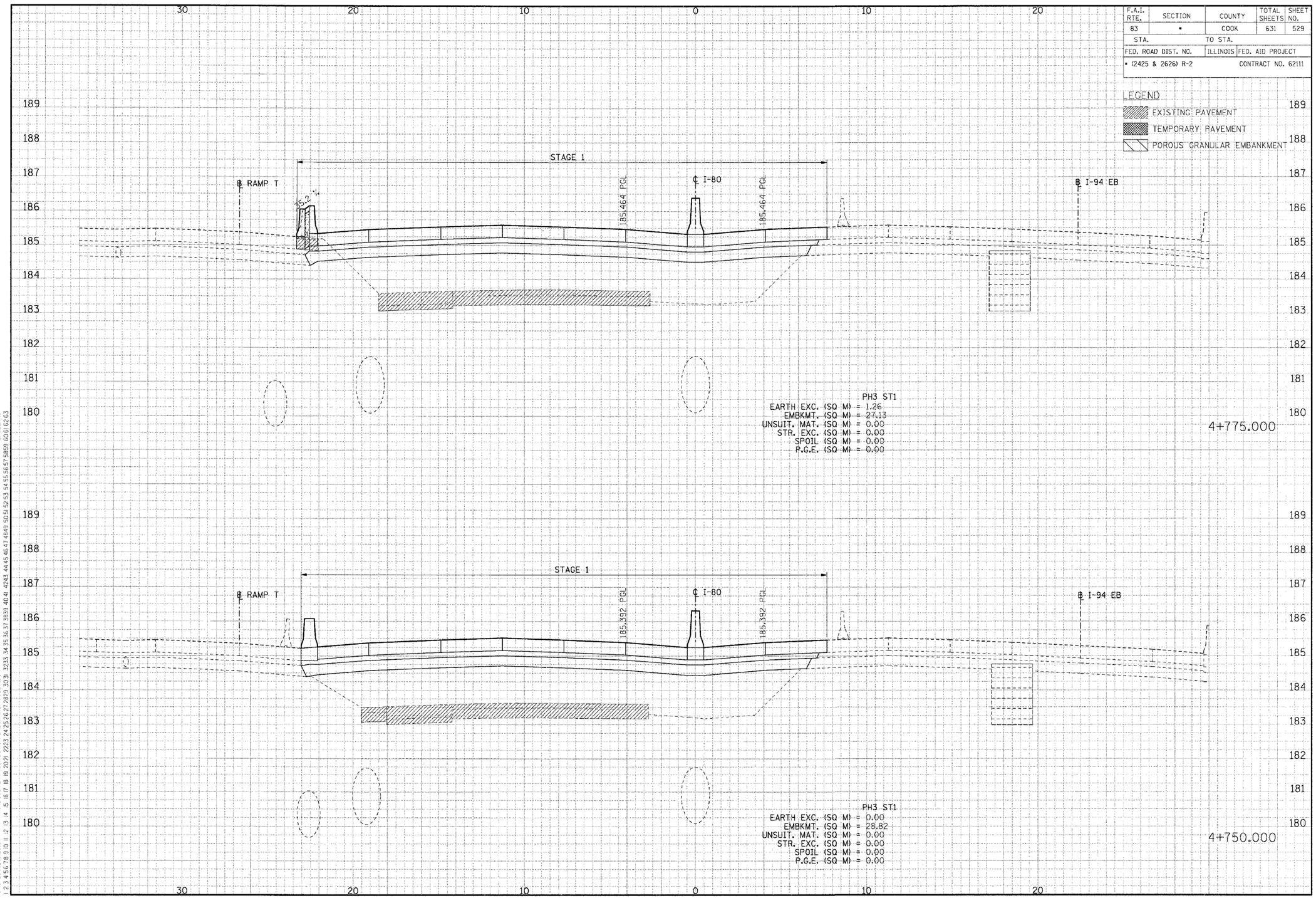
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	529
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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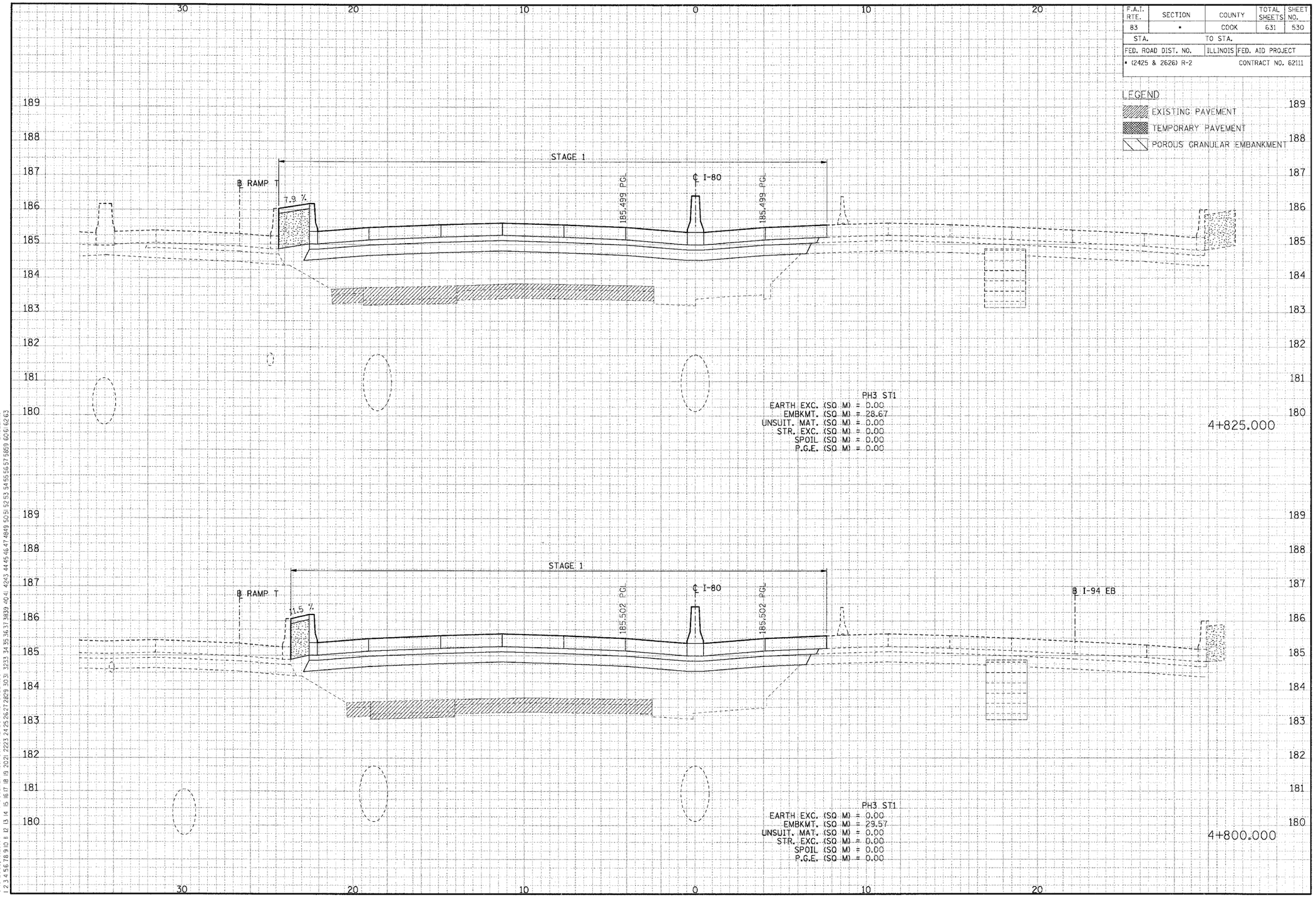
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	530
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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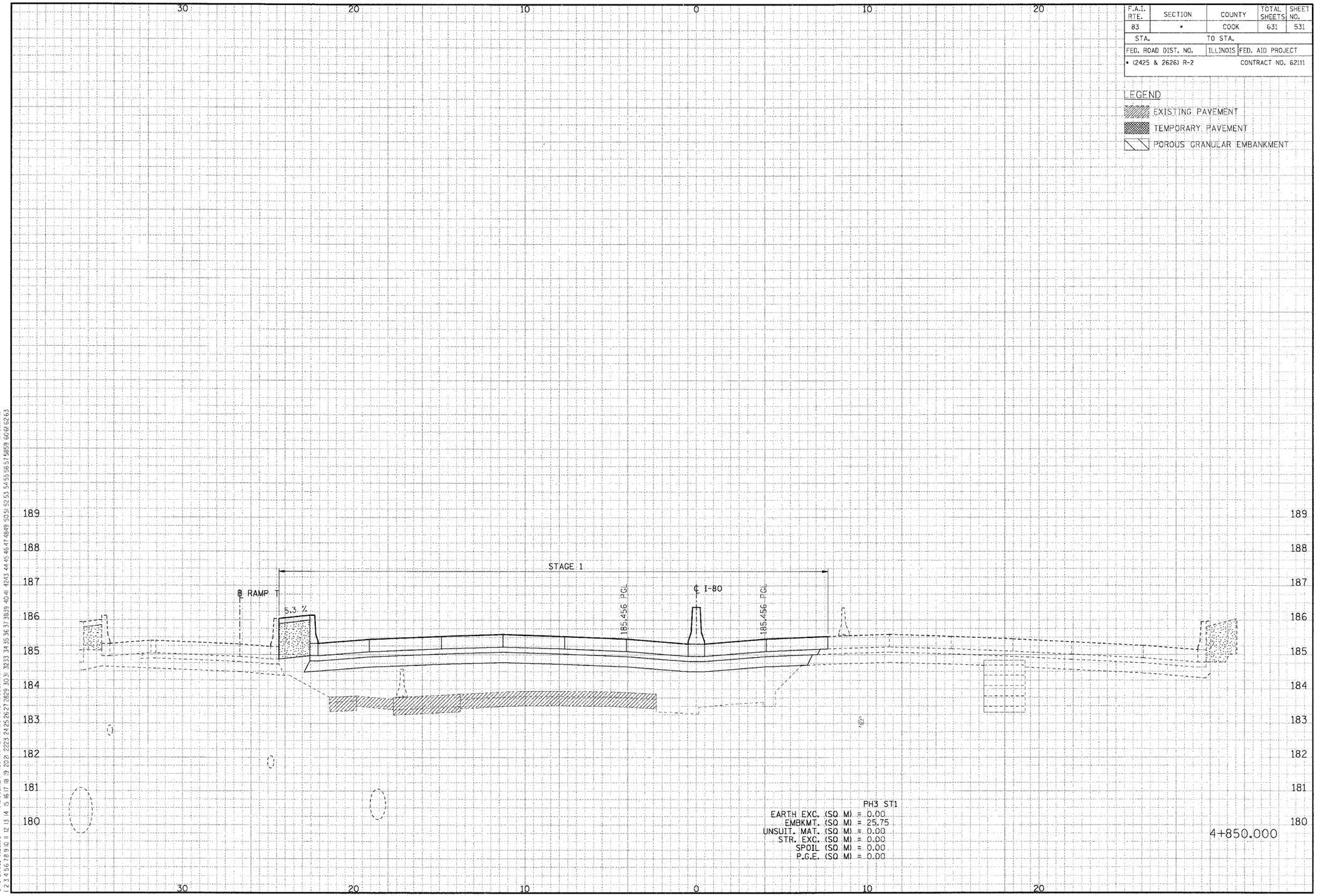
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	531
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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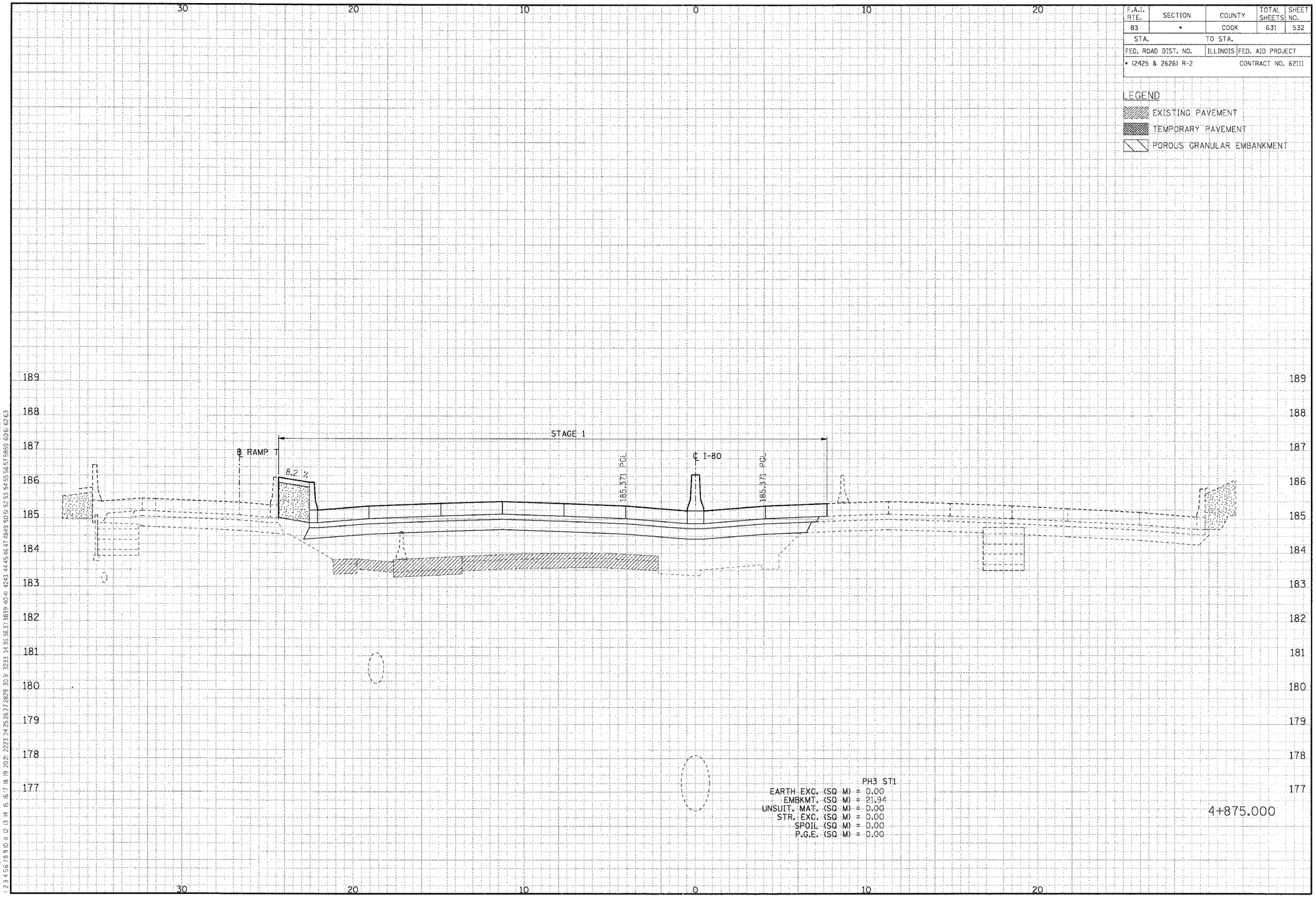
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	532
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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8-18-2005, 10:28:08
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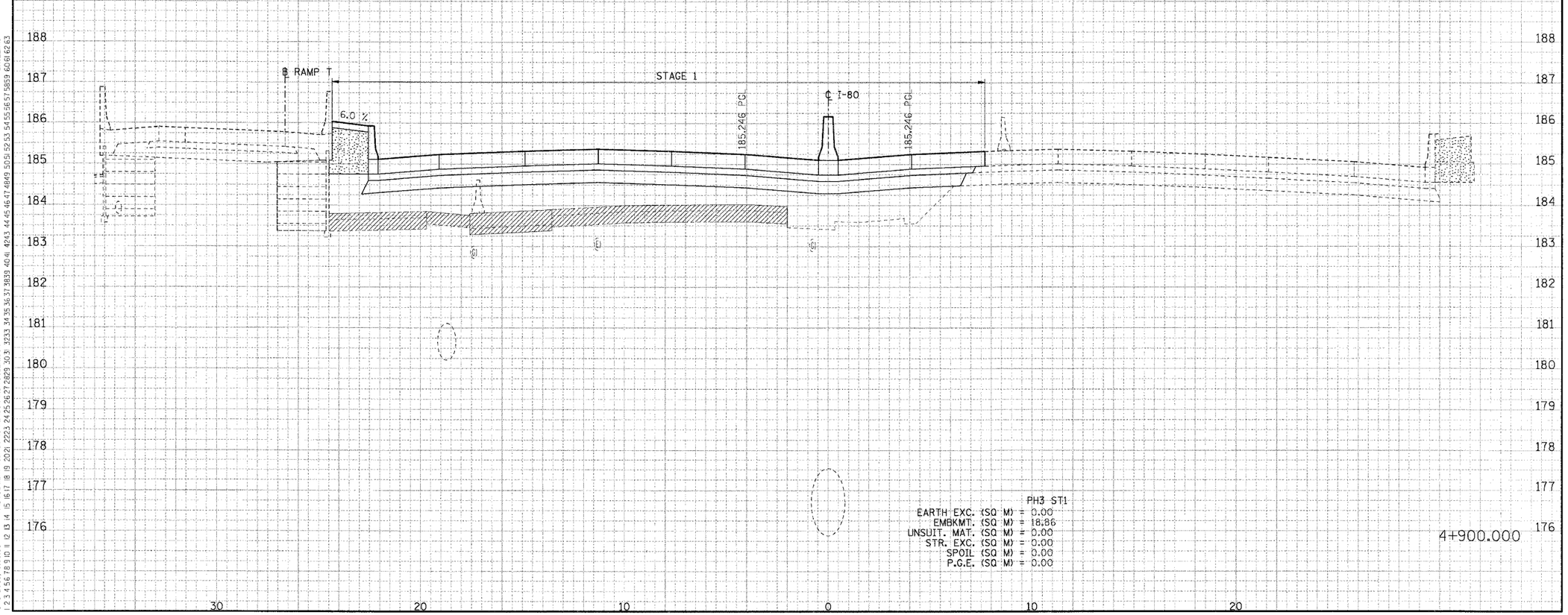
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	533
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



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EMBKMT. (SQ M) = 18.86
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

4+900.000

CROSS-SECTIONS FOR I-80/94

NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

FINAL SURVEY
SURVEYED
PLOTTED
TRANSFER
AREAS

NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY
SURVEYED
PLOTTED
TRANSFER
AREAS

..\XR99002A.DGN, ..\XP170012A.DGN, ..\XR130032A.DGN, ..\XW170032A.DGN, ..\SL99R02A.DGN, ..\NG99R02A.DGN, ..\TR17022A.DGN
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
..\XR99002A.DGN, ..\XP170012A.DGN, ..\XR170012A.DGN, ..\XP170032A.DGN, ..\XW130032A.DGN, ..\XW170022A.DGN, ..\XR130032A.DGN, ..\XP990002A.DGN, ..\XP430002A.DGN, ..\XR130032A.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	534
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

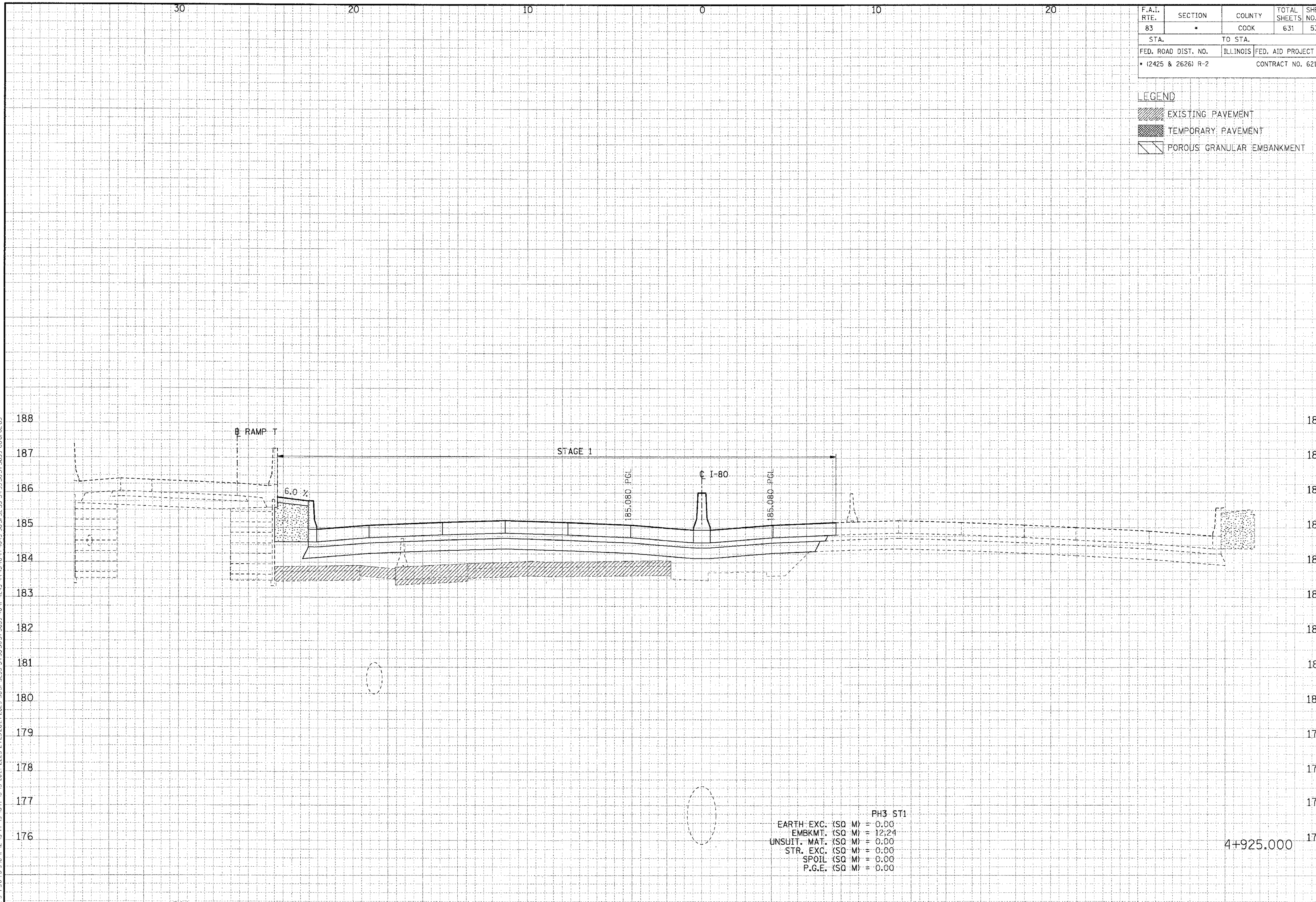
LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT

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		

..\XR99O012A.DGN, ..\XPI70012A.DGN, ..\PRI70012A.DGN, ..\XPI70032A.DGN, ..\XWI30012A.DGN, ..\HRI70022A.DGN, ..\XRI30022A.DGN, ..\PR99O012A.DGN, ..\PRI30012A.DGN, ..\DRI30032A.DGN, ..\XWI70032A.DGN, ..\SL99R012A.DGN, ..\G99R012A.DGN, ..\TRI77022A.DGN

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

PH3 ST1

EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 12.24
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

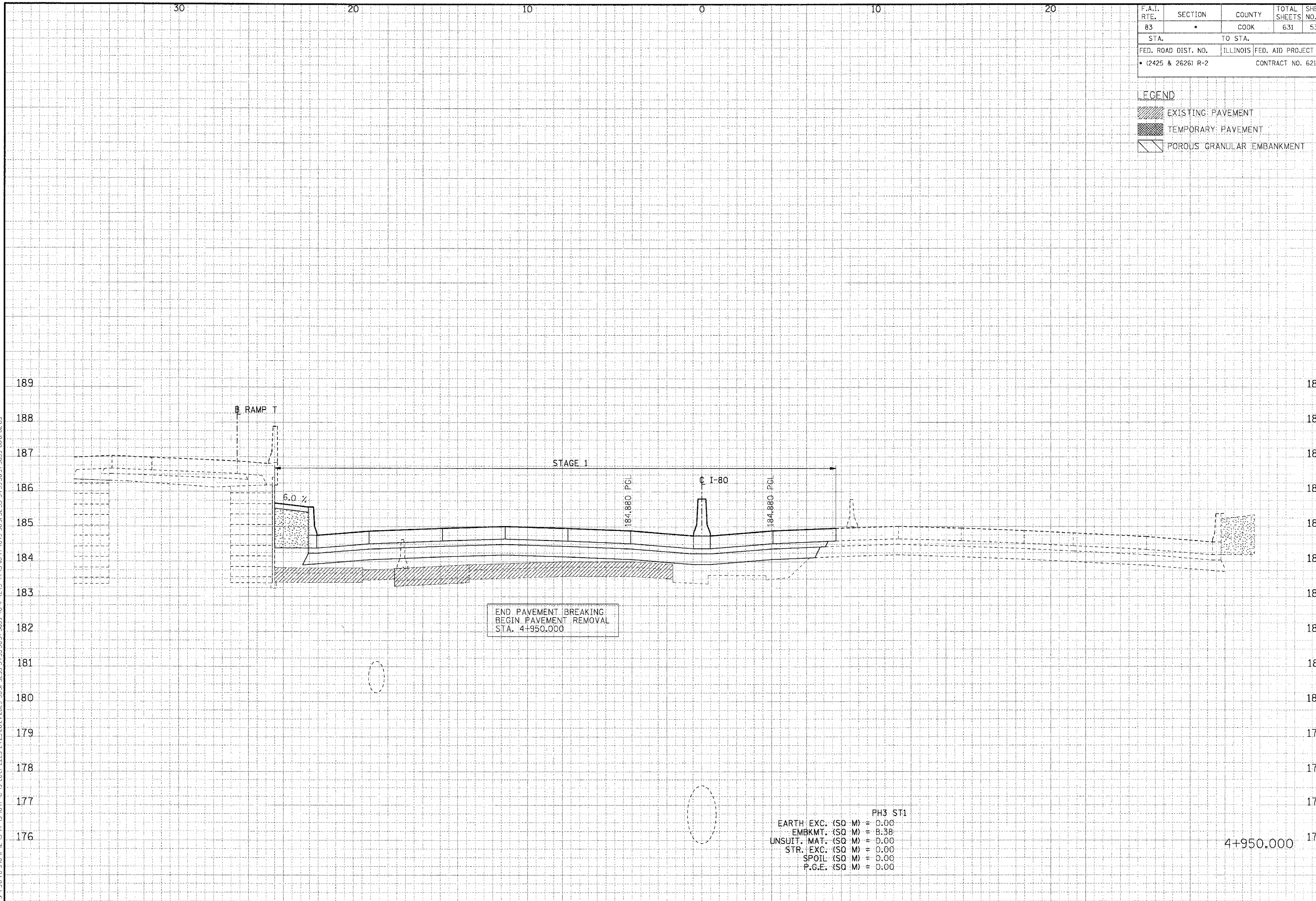
4+925.000

CROSS-SECTIONS FOR I-80/94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	535
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



PH3 ST1
EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 8.38
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

4+950.000

CROSS-SECTIONS FOR I-80/94

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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BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	536
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT

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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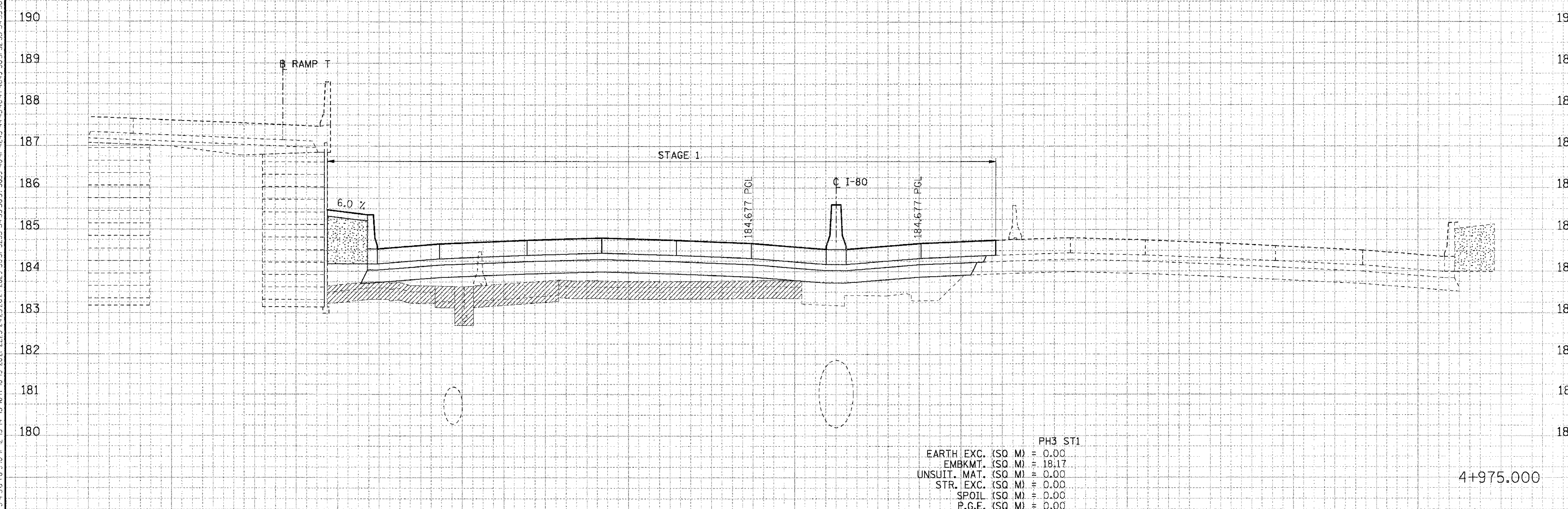


PH3 ST1

EARTH EXC. (SQ M)	= 0.00
EMBKMT. (SQ M)	= 18.17
UNSUIT. MAT. (SQ M)	= 0.00
STR. EXC. (SQ M)	= 0.00
SPOIL (SQ M)	= 0.00
P.G.E. (SQ M)	= 0.00

4+975.000

CROSS-SECTIONS FOR I-80/94

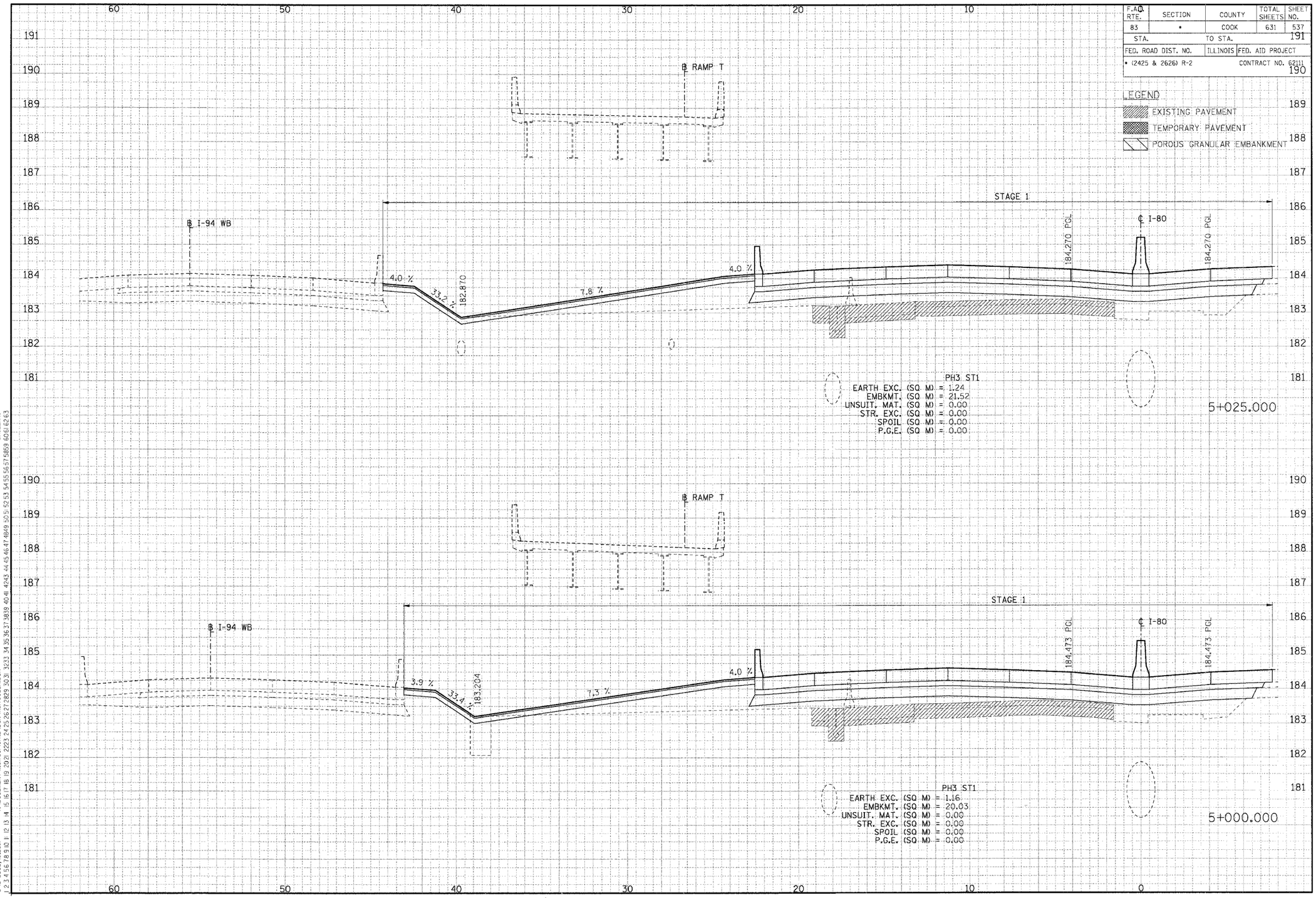
F.A.Q. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	537
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

DRAWN
START
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
AREAS
AREAS CHECKED
BY
DATE

\\XR19S002A.DGN, \\XR17008ZA.DGN, \\XR17002A.DGN, \\PR13003ZA.DGN, \\VWT0032A.DGN, \\SL99R02A.DGN, \\G99R02A.DGN, \\TR17027A.DGN
8-18-2005, tbz8ll
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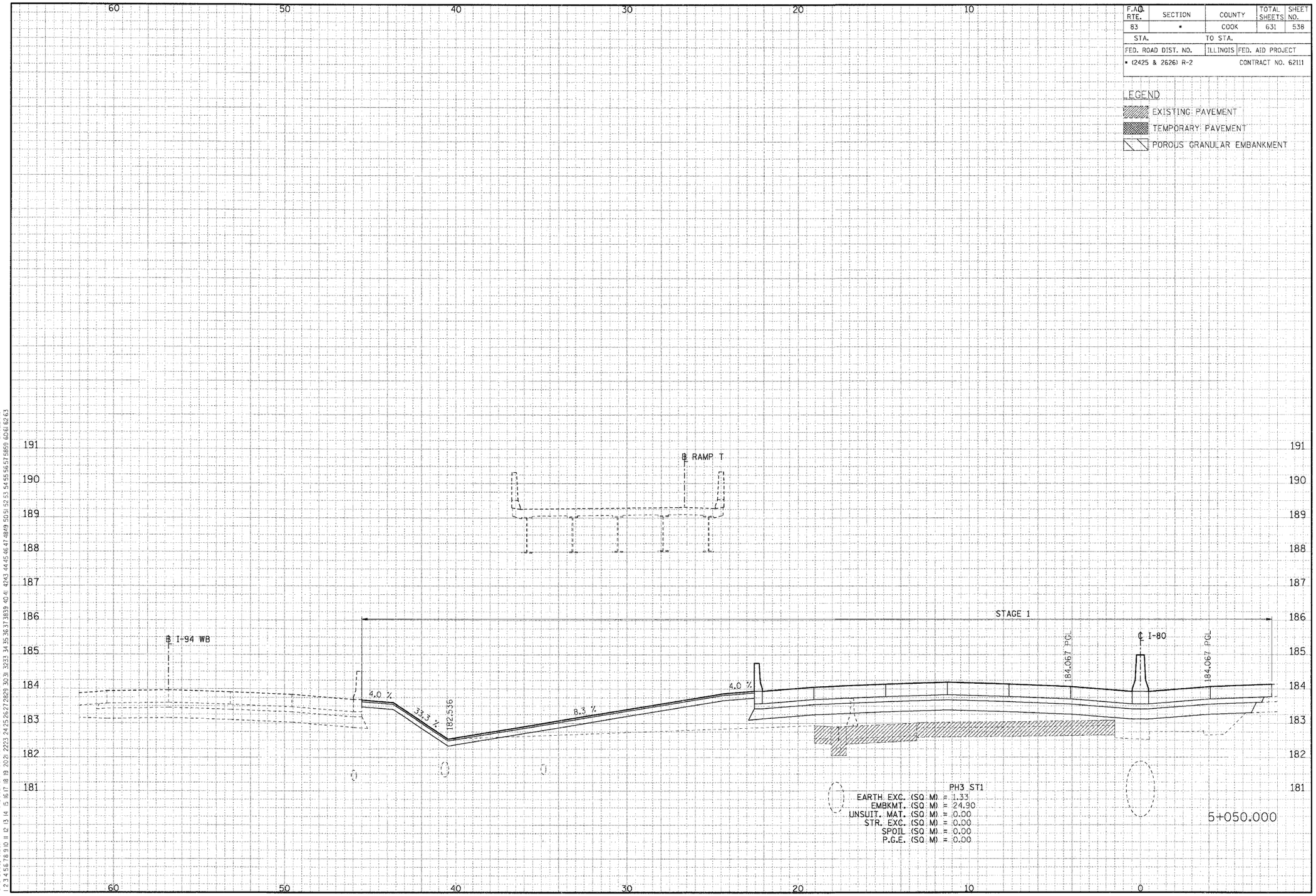
BAJ/EKKJ

F.A.Ø. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	538
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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

..\XR99002A.DGN, ..\XP17002A.DGN, ..\XP17003A.DGN, ..\XP17032A.DGN, ..\XW170032A.DGN, ..\SL99002A.DGN, ..\DA150032A.DGN, ..\XW130002A.DGN, ..\XR170022A.DGN, ..\XR330022A.DGN, ..\XR99002A.DGN, ..\XP83002A.DGN, ..\DA150032A.DGN
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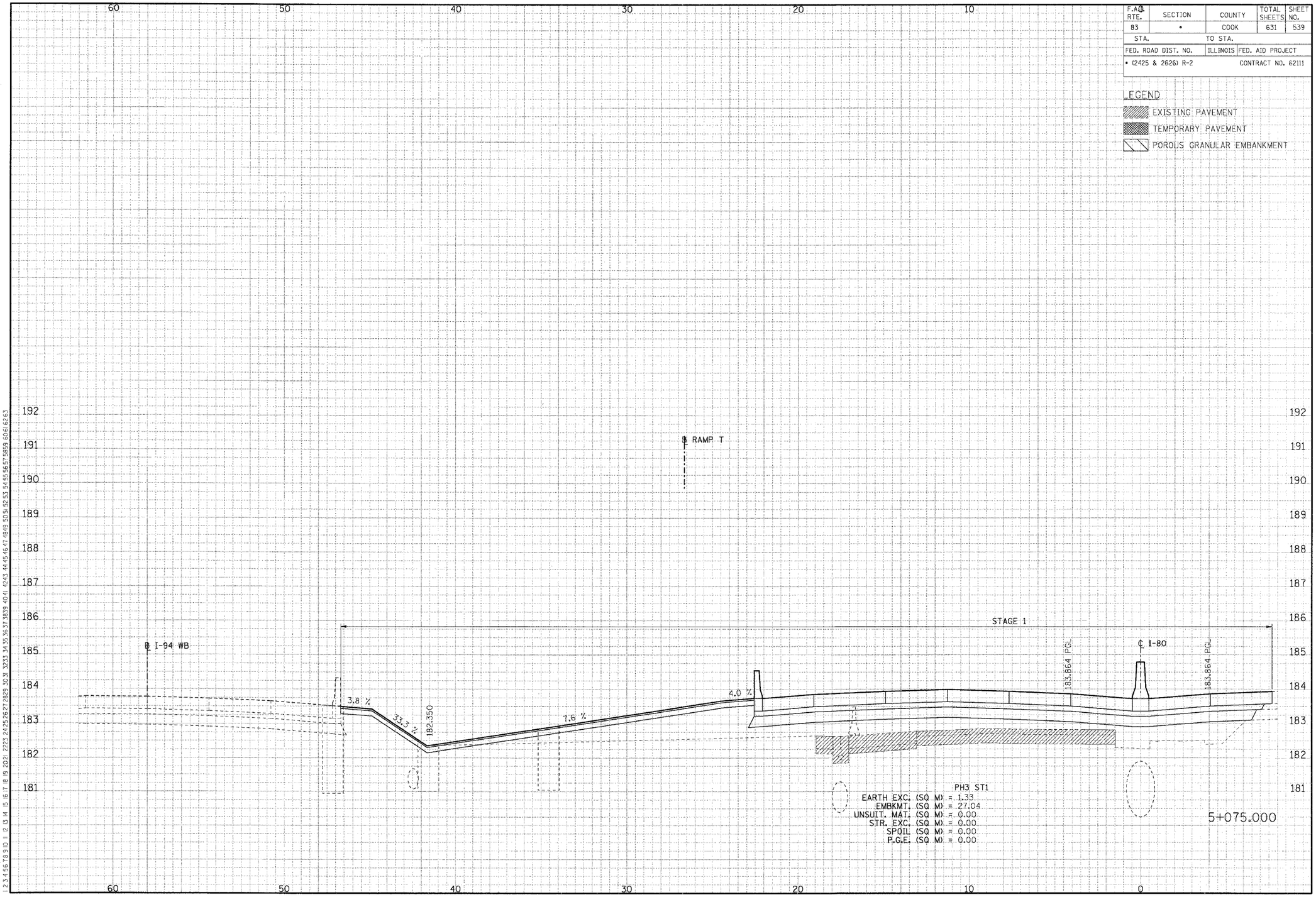
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	539
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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

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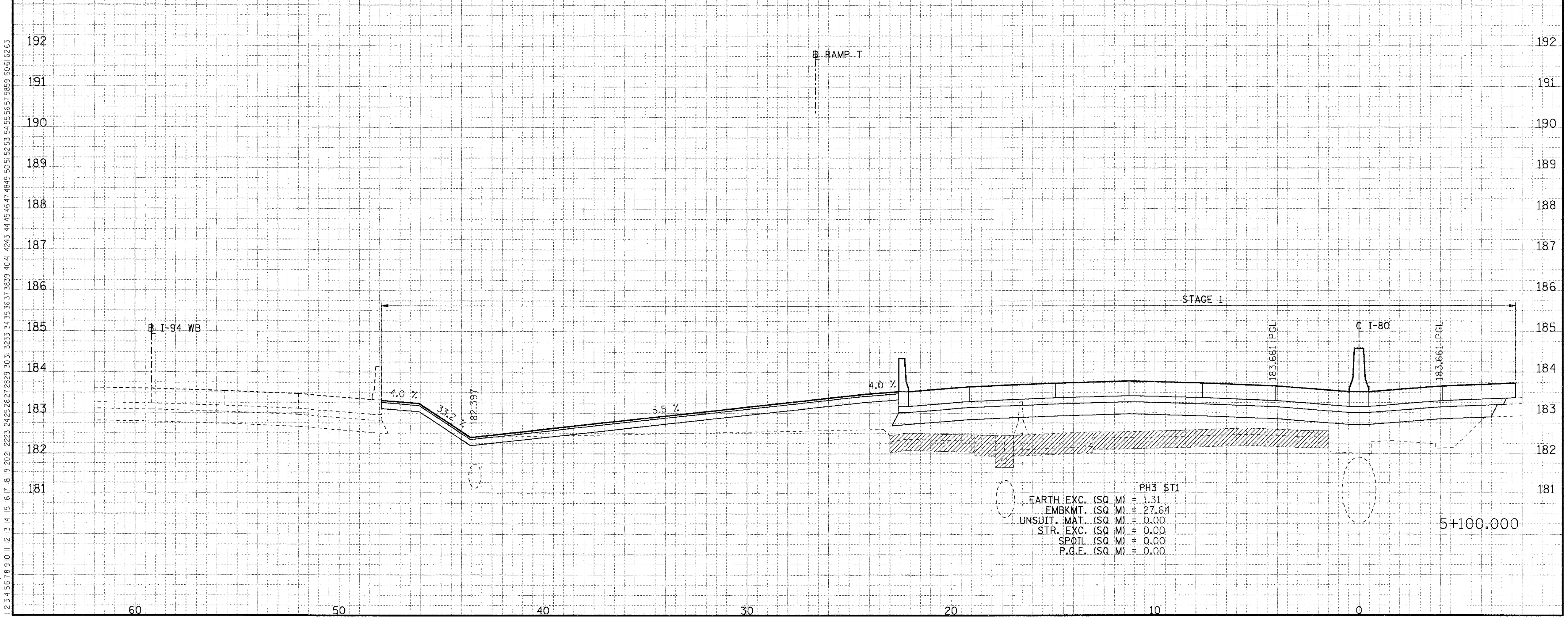
F.A.Q. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	540
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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

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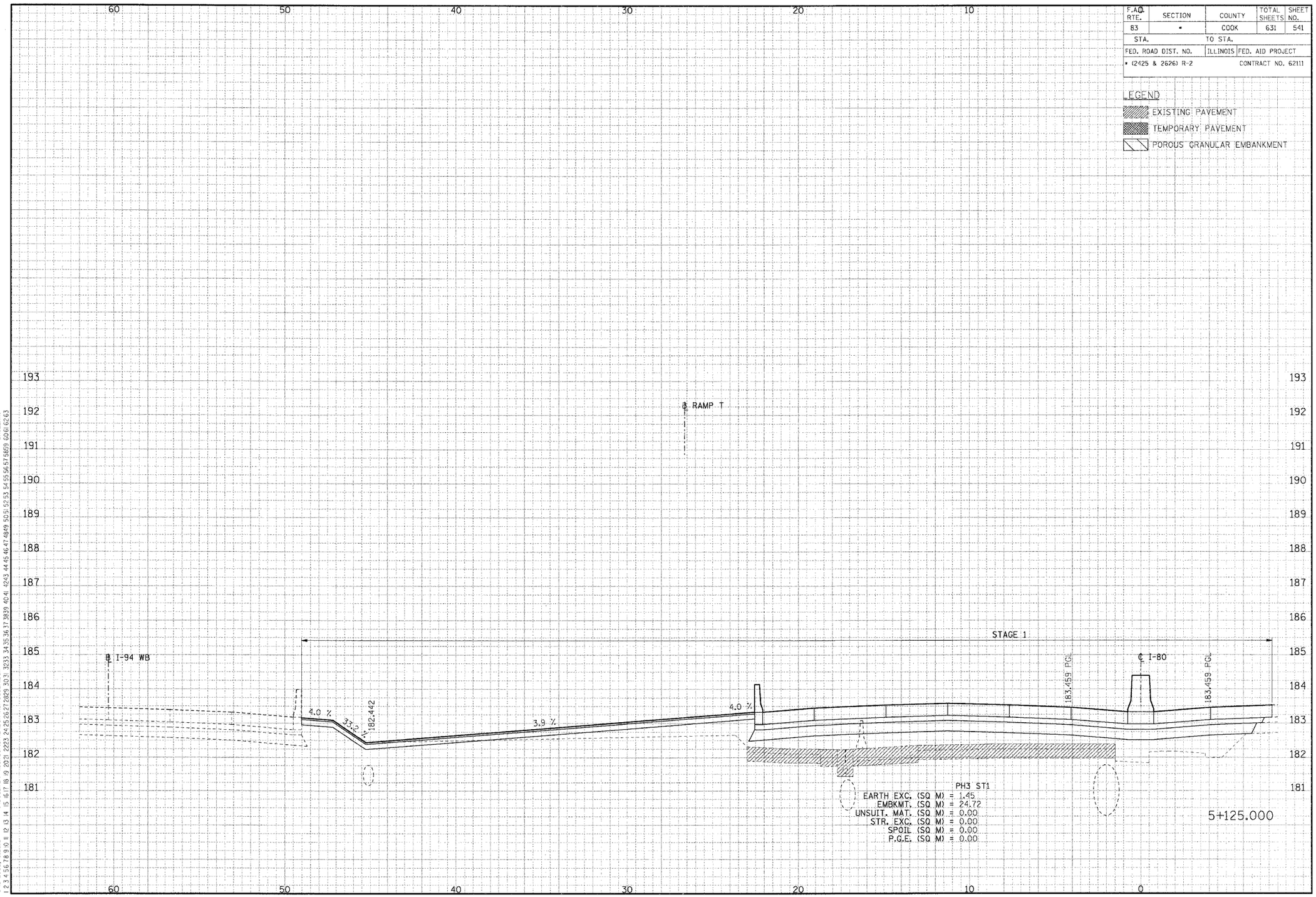
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	541
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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8:18:2005, 0x28:3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	542
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT

℄ RAMP T

℄ I-94 WB

STAGE 1

℄ I-80

183.313 PGL

183.313 PGL

4.0 %

32.0

182.487

2.8 %

4.0 %

PH3 ST1
EARTH EXC. (SQ M) = 1.88
EMBKMT. (SQ M) = 18.70
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

5+150.000

CROSS-SECTIONS FOR I-80/94

\\XH99002A.DGN, \\XH17002A.DGN, \\XR17002A.DGN, \\XW700032A.DGN, \\XW700032A.DGN, \\SL99002A.DGN, \\US99R02A.DGN, \\TR177022A.DGN
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I:\DOCUMENTS\750\CIVIL\DGN\XS1700032A.DGN

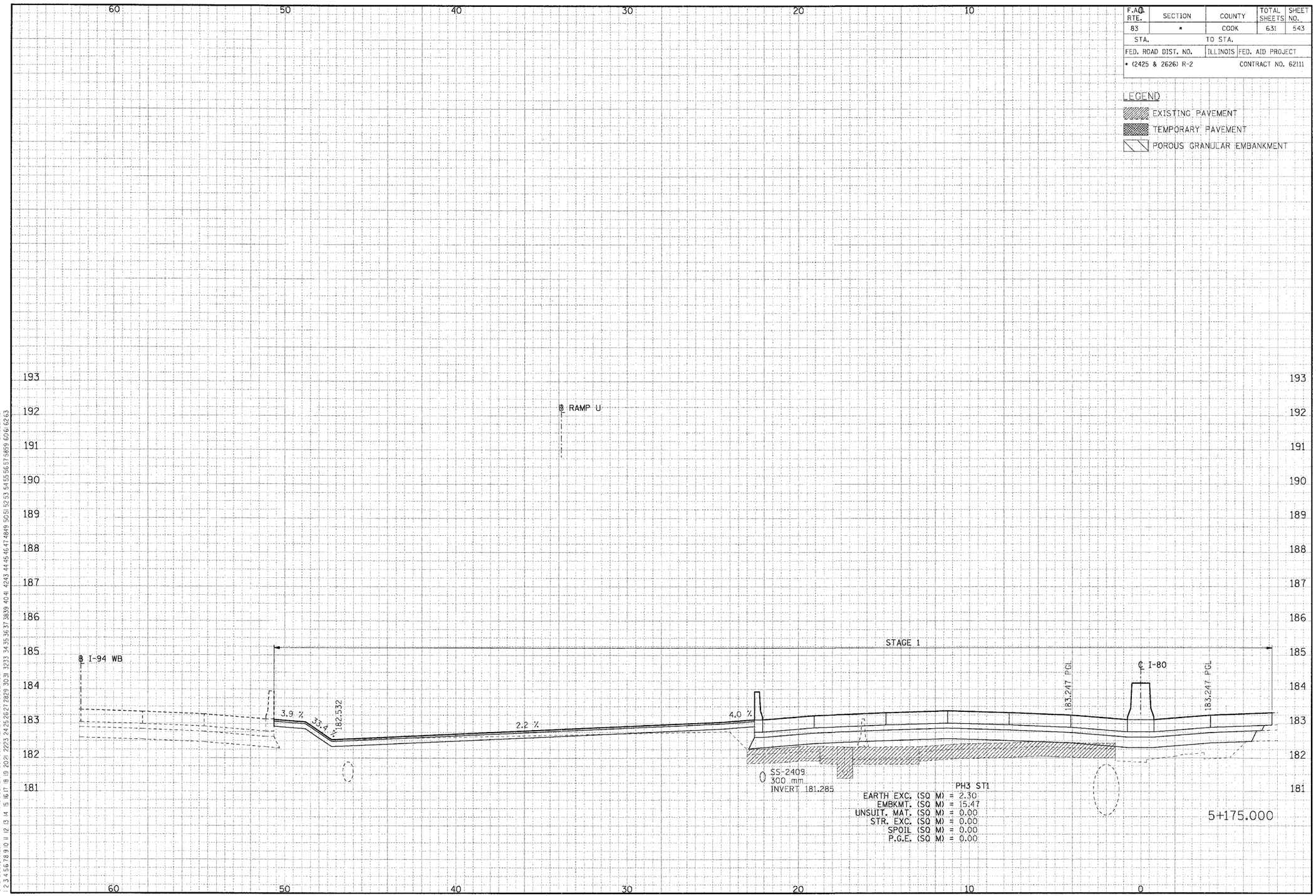
F.A.Q. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	543
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

..\XR99002A.DGN, ..\XP17002A.DGN, ..\PR17002A.DGN, ..\XP17002A.DGN, ..\VW17C032A.DGN, ..\SL99R02A.DGN, ..\VR13002A.DGN, ..\VR17002A.DGN, ..\XR13002A.DGN, ..\PR13001A.DGN, ..\PR99002A.DGN, ..\XR13002A.DGN, ..\VR99002A.DGN, ..\VR13001A.DGN, ..\VR99001A.DGN, ..\VR13002A.DGN, ..\VR17022A.DGN
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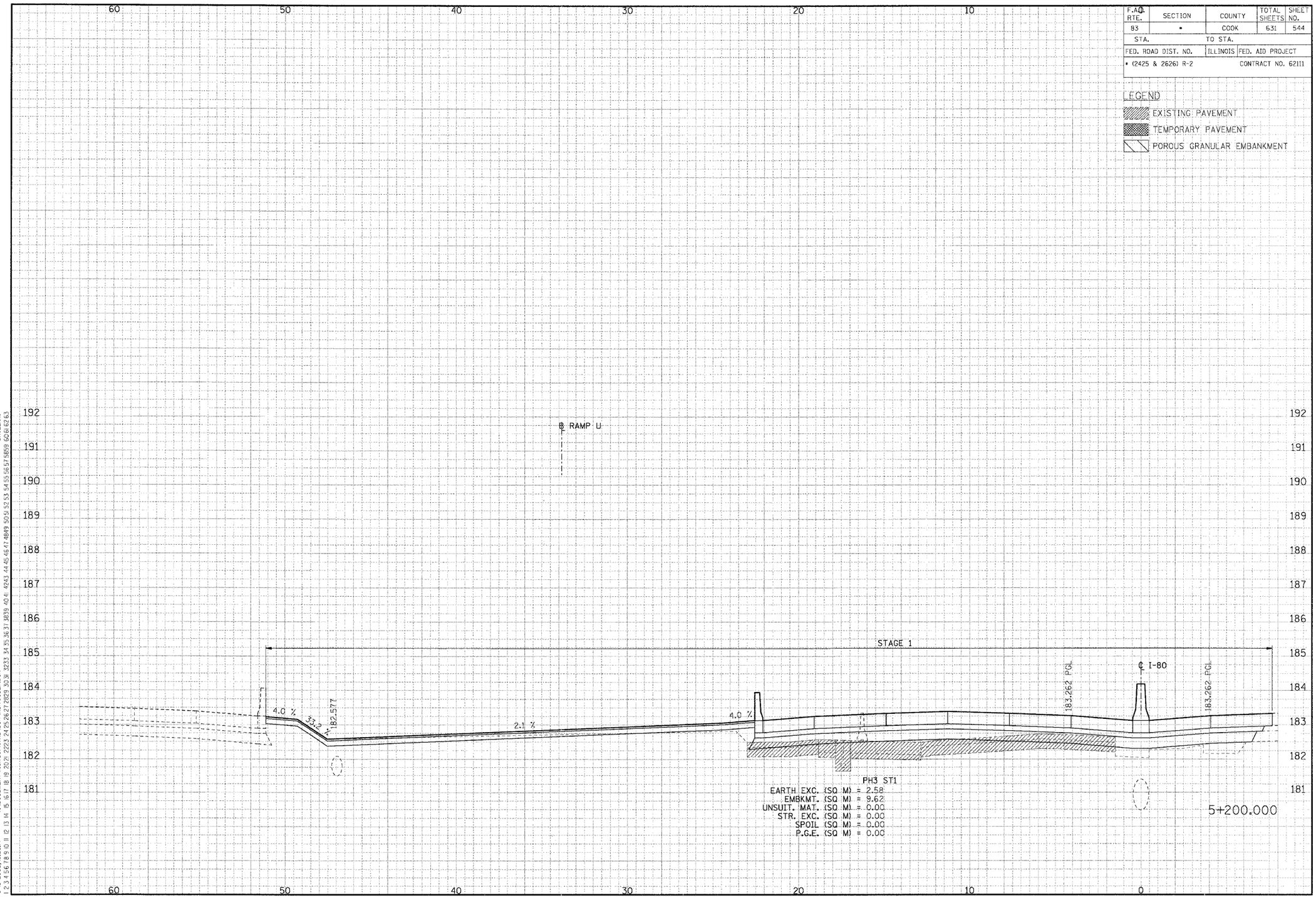
BAJEKKJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	544
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	545
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT

B RAMP U

STAGE 1

4.0 %

3.2 %

182.683

2.0 %

4.0 %

183.359 P.G.

℄ I-80

183.359 P.G.

PH3 ST1
EARTH EXC. (SQ M) = 2.91
EMBKMT. (SQ M) = 3.89
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

5+225.000

CROSS-SECTIONS FOR I-80/94

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

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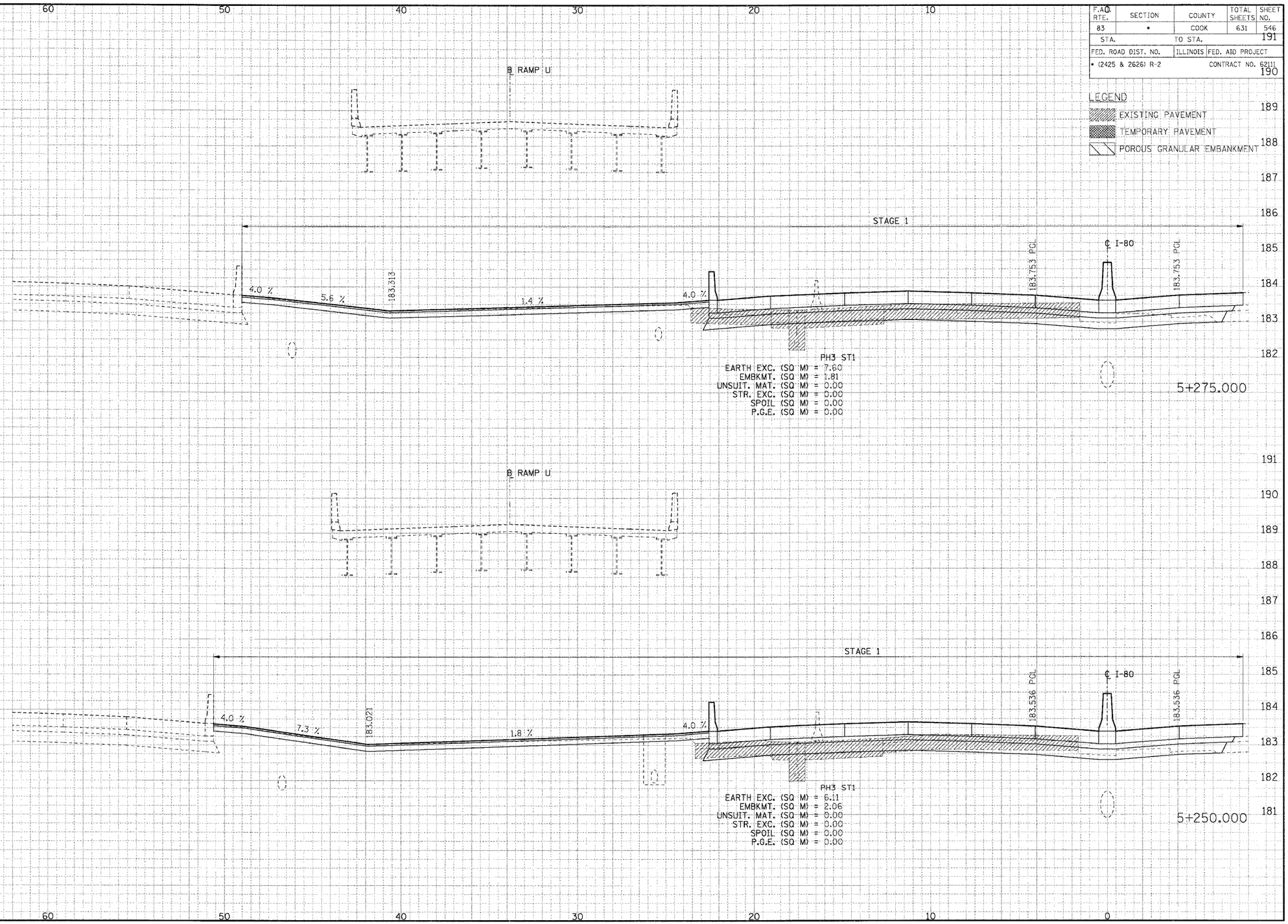
F.A.Q. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	546
STA.		TO STA.		191
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2			CONTRACT NO. 62111	190

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

ORIGINAL SURVEY NOTE BOOK NS
SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY DATE

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BAJZEKKJ
5657585960616263

F.A.Q. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	547
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT

B RAMP U

STAGE 1

6.0 %

℄ I-80

183.987 PGL

183.987 PGL

PH3 ST1

EARTH EXC. (SQ M) = 3.10
EMBKMT. (SQ M) = 2.01
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

5+301.858

B RAMP U

STAGE 1

4.0 %

4.0 %

0.3%

℄ I-80

183.971 PGL

183.971 PGL

PH3 ST1

EARTH EXC. (SQ M) = 8.06
EMBKMT. (SQ M) = 2.12
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00
P.G.E. (SQ M) = 0.00

5+300.000

CROSS-SECTIONS FOR I-80/94

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

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

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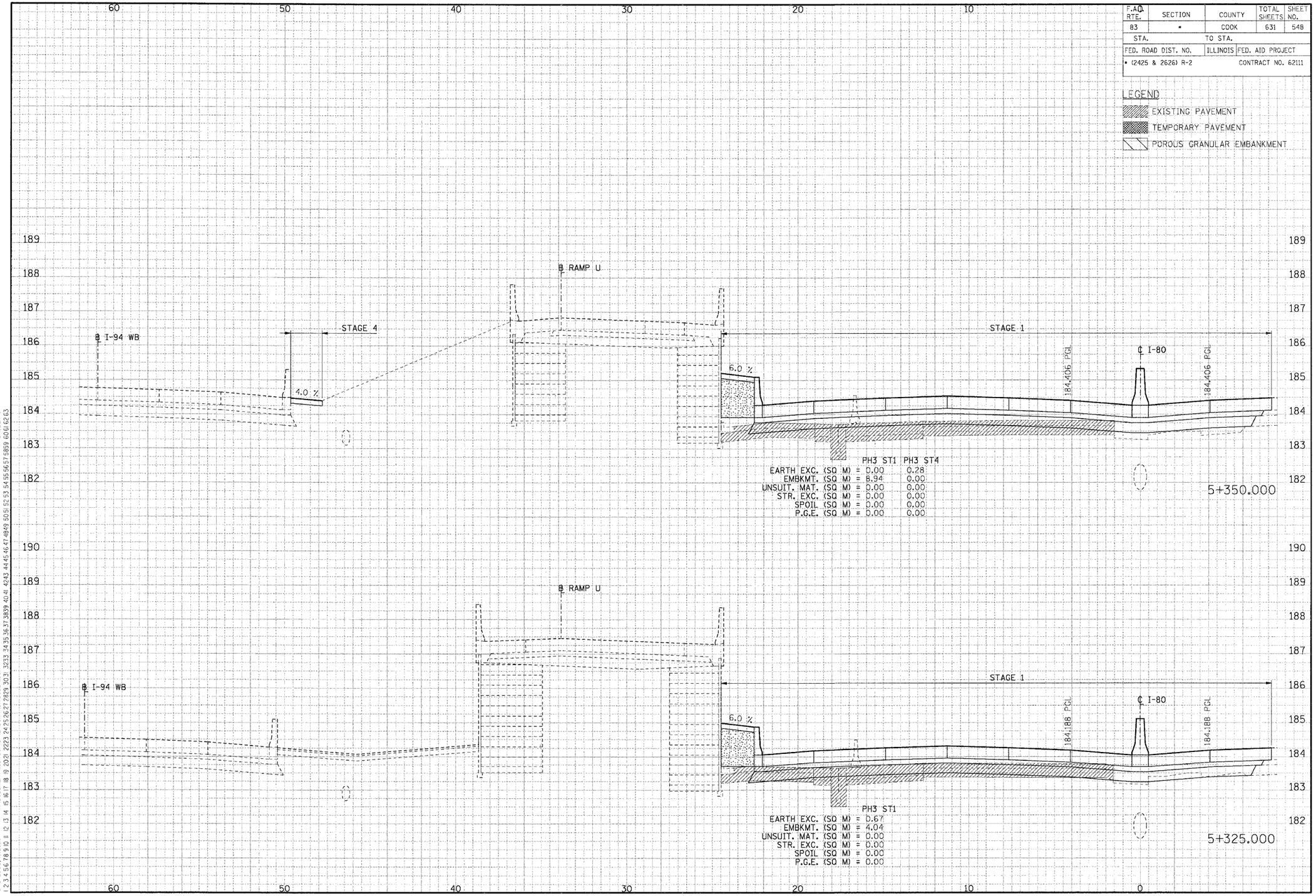
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	548
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

NO.	ORIGINAL SURVEY / FINAL SURVEY NOTE BOOK	BY	DATE
	SURVEYED		
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	AREAS		
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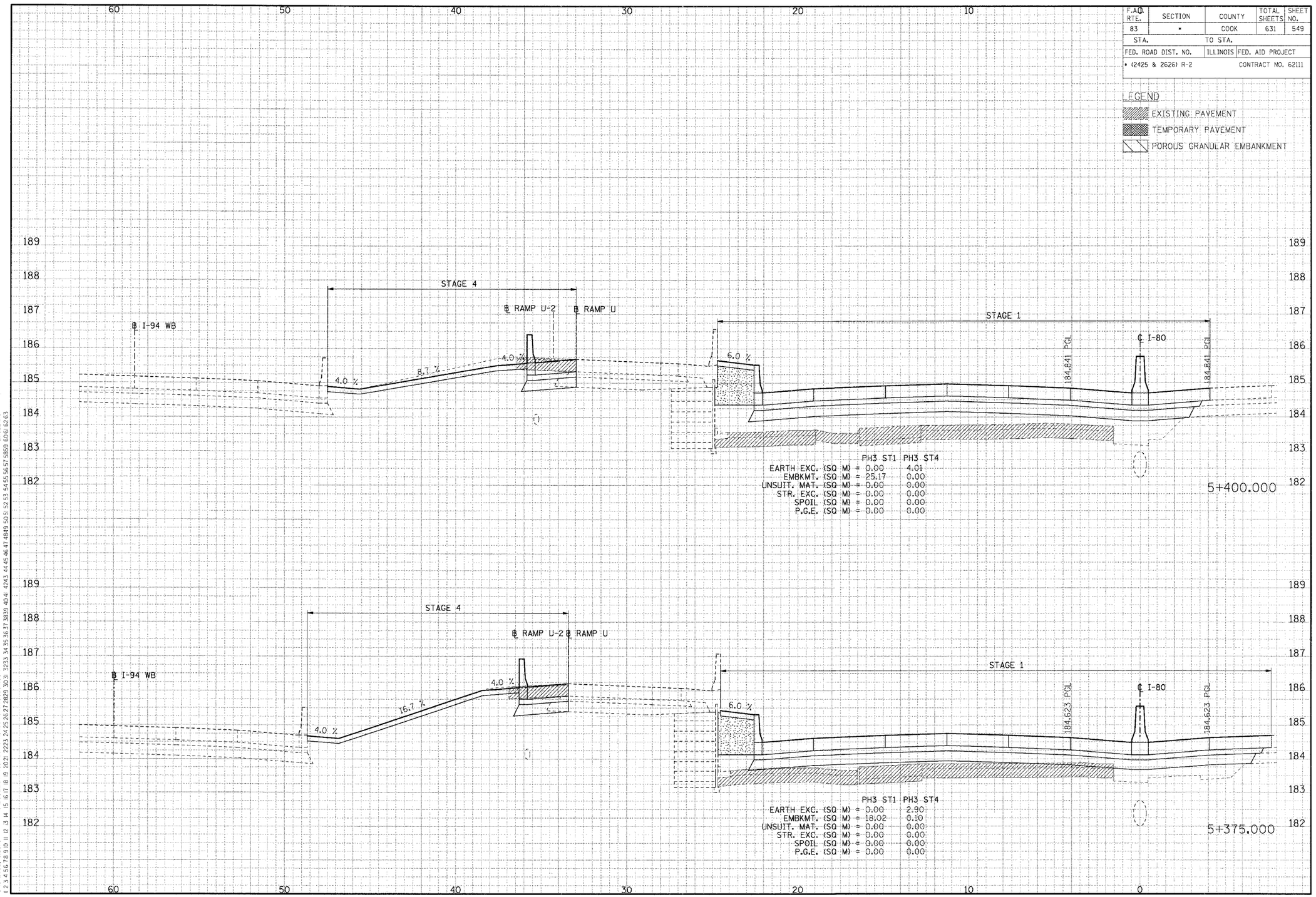
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	549
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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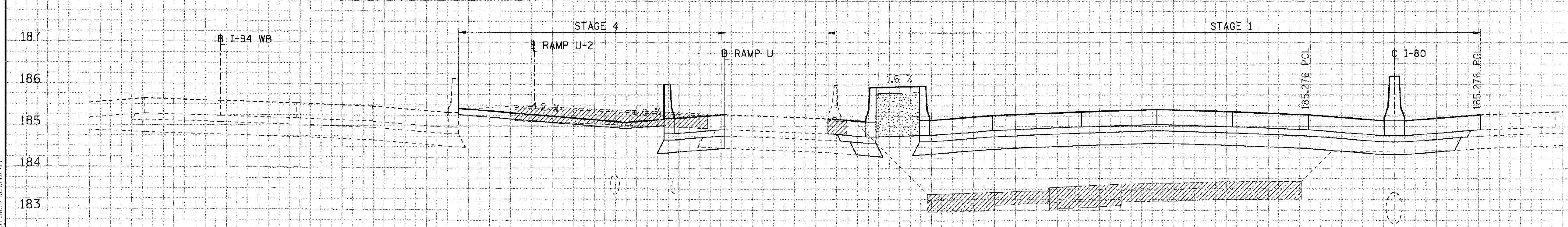
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	550
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT

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



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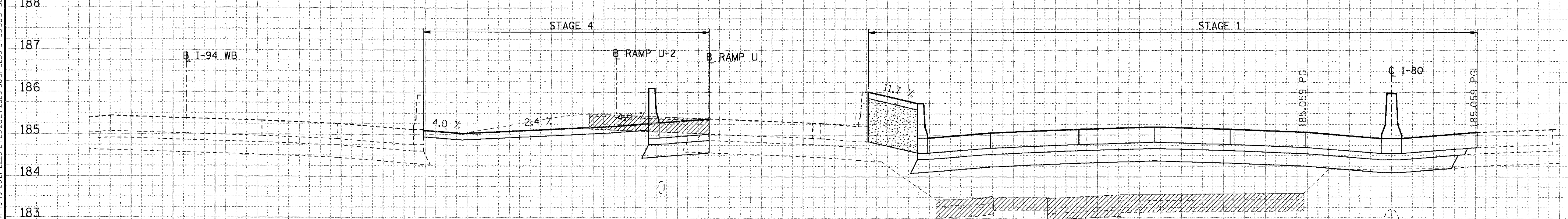
EMBKMT. (SQ M) =	19.06	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+450.000

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



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UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

END PAVEMENT REMOVAL
BEGIN PAVEMENT BREAKING
STA. 5+425.000

5+425.000

..\XR99001 2A.DGN, ..\XPI7001 2A.DGN, ..\PRI7001 2A.DGN, ..\XPI70032A.DGN, ..\XWI3001 2A.DGN, ..\HRI70022A.DGN, ..\XRI30022A.DGN, ..\PR99001 2A.DGN, ..\PRI3001 2A.DGN, ..\DRI30032A.DGN, ..\XWI70032A.DGN, ..\SL99R012A.DGN, ..\G99R012A.DGN, ..\TRI77022A.DGN
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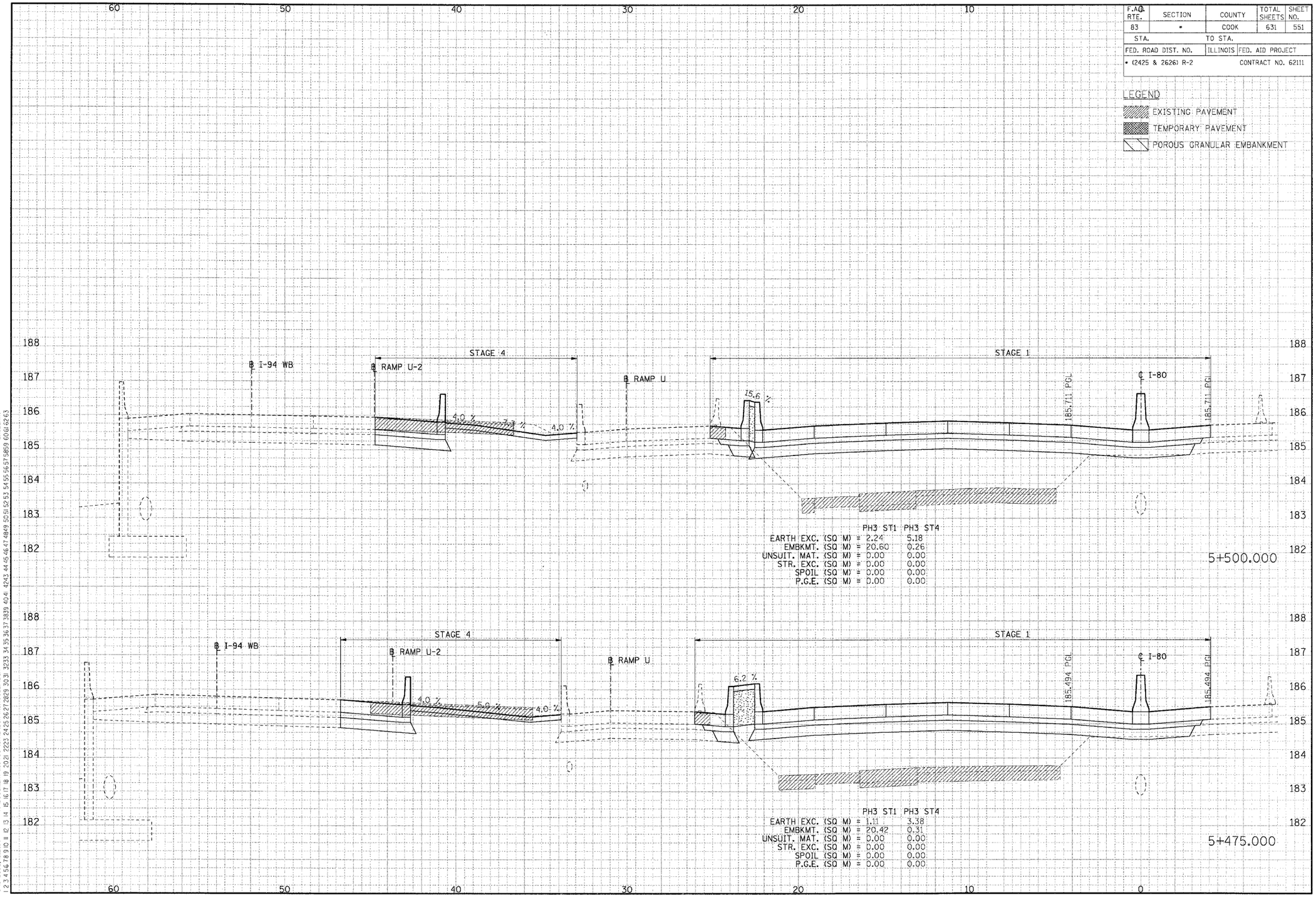
CROSS-SECTIONS FOR I-80/94

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	551
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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

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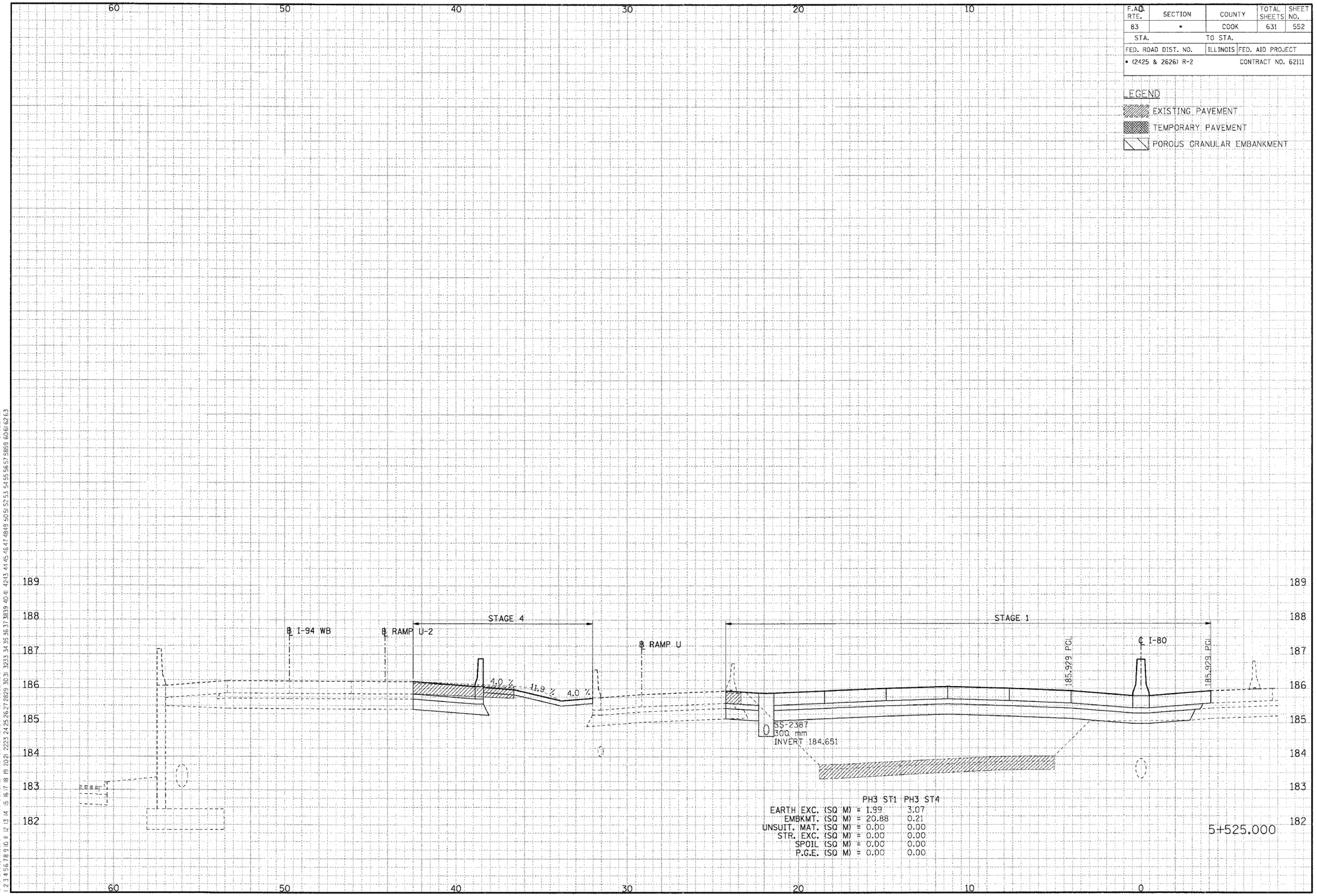
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	552
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



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EMBKMT. (SQ M) =	20.88	0.21
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+525.000

CROSS-SECTIONS FOR I-80/94

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

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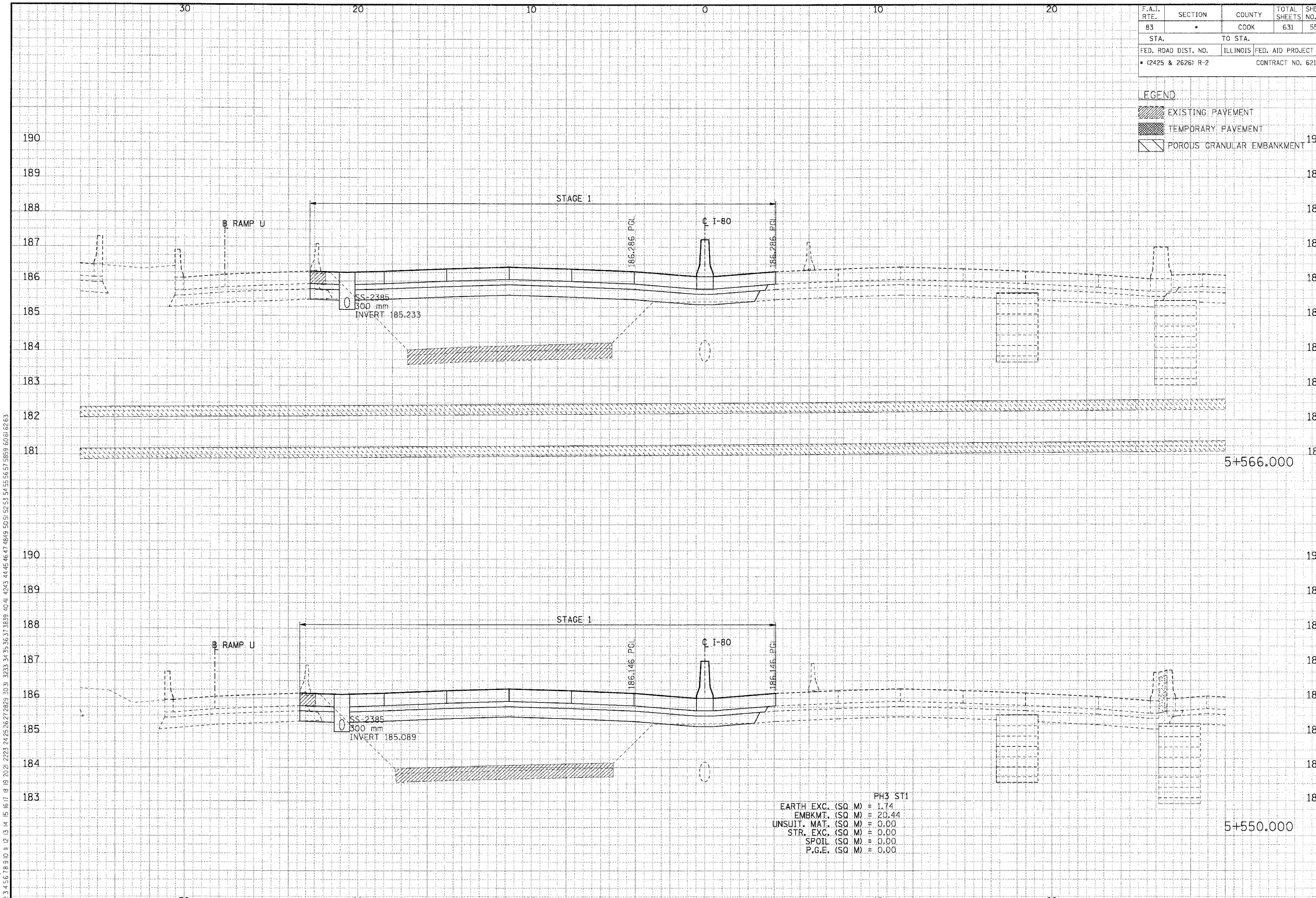

CROSS-SECTIONS FOR I-80/94

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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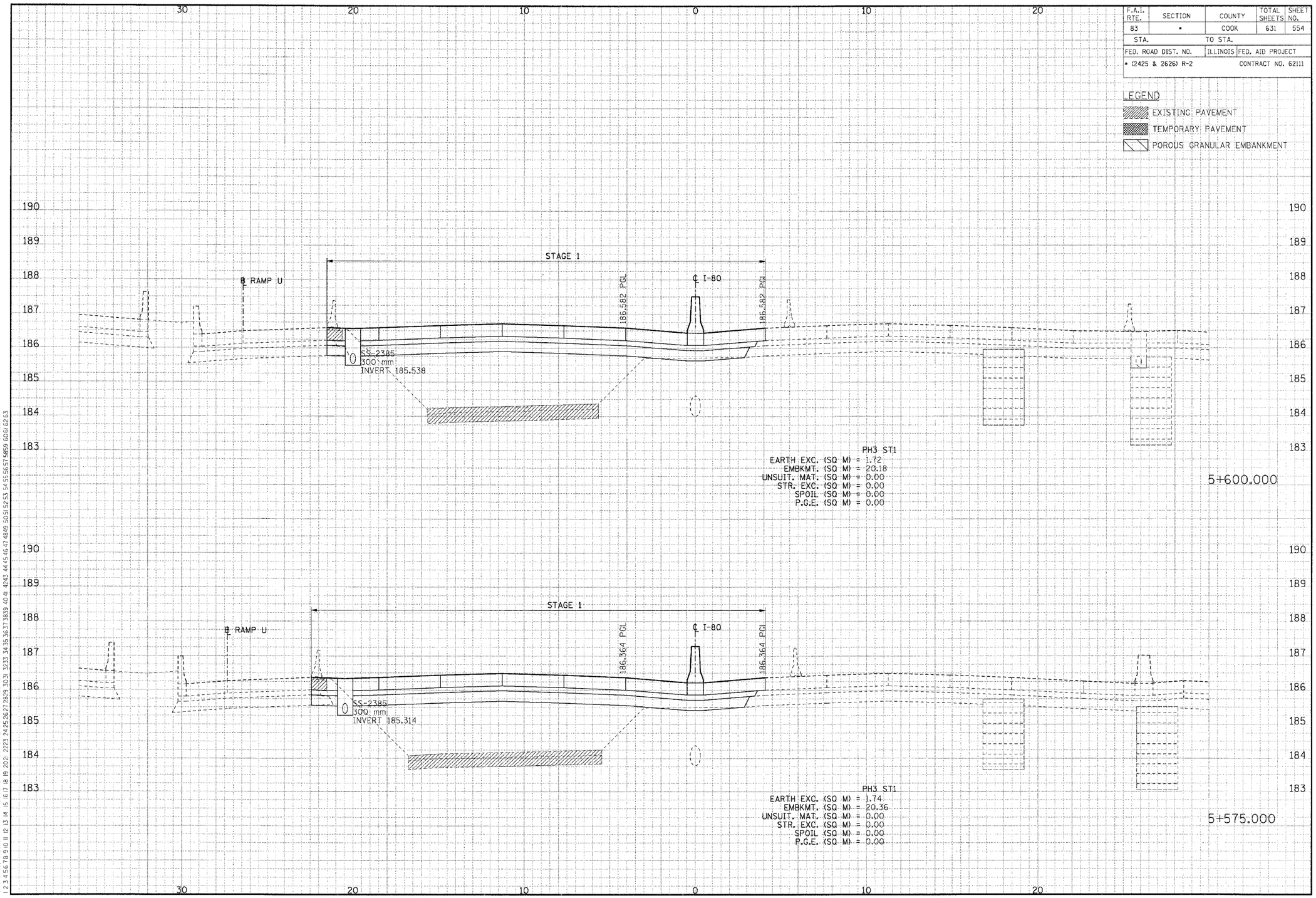
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	554
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



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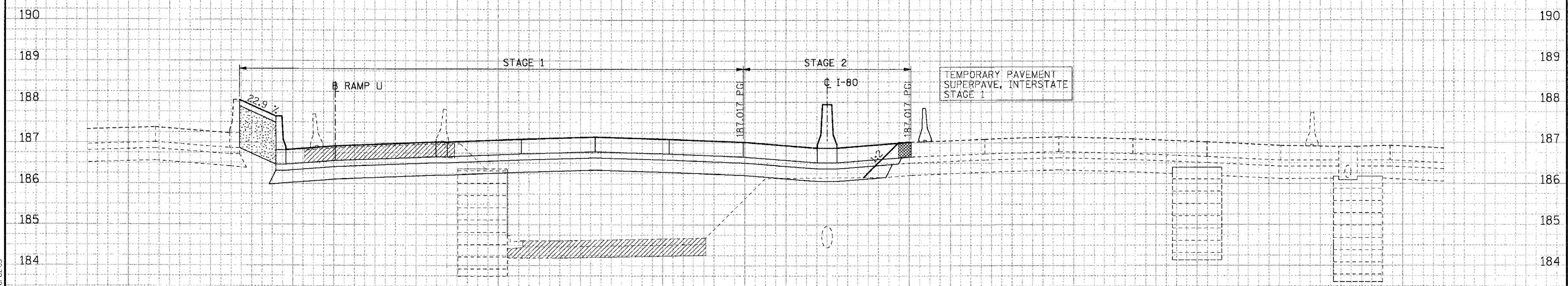
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	555
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



		PH3 ST1	PH3 ST2
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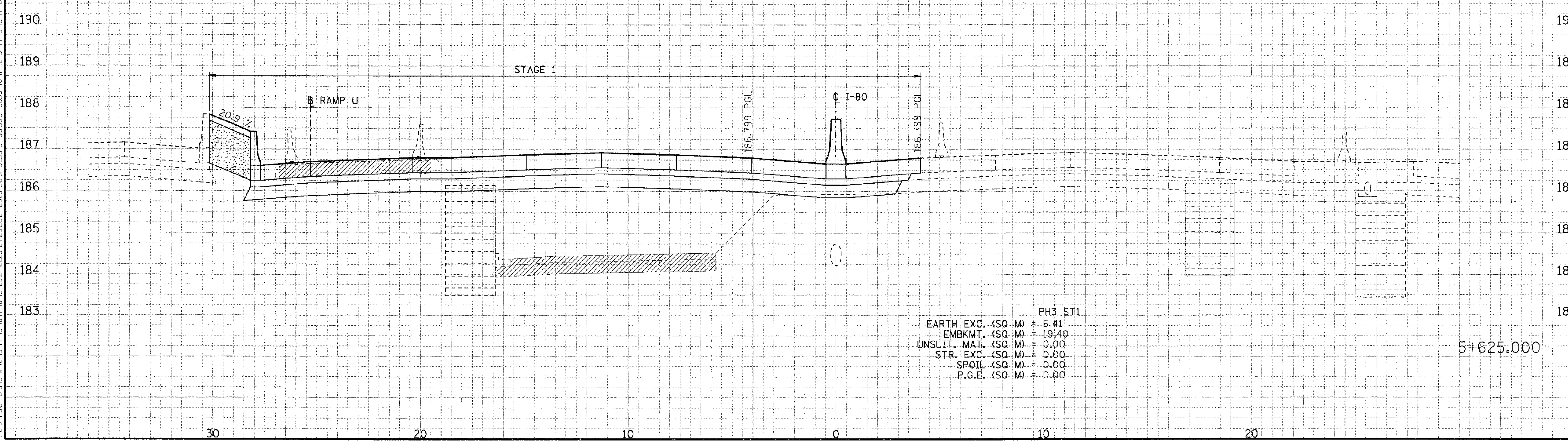
EMBKMT. (SQ M)	=	19.12	0.00
UNSUIT. MAT. (SQ M)	=	0.00	0.00
STR. EXC. (SQ M)	=	0.00	0.00
SPOIL (SQ M)	=	0.00	0.00
P.G.E. (SQ M)	=	0.00	0.00

5+650.000



		PH3 ST1
EARTH EXC. (SQ M)	=	6.41
EMBKMT. (SQ M)	=	19.40
UNSUIT. MAT. (SQ M)	=	0.00
STR. EXC. (SQ M)	=	0.00
SPOIL (SQ M)	=	0.00
P.G.E. (SQ M)	=	0.00

5+625.000

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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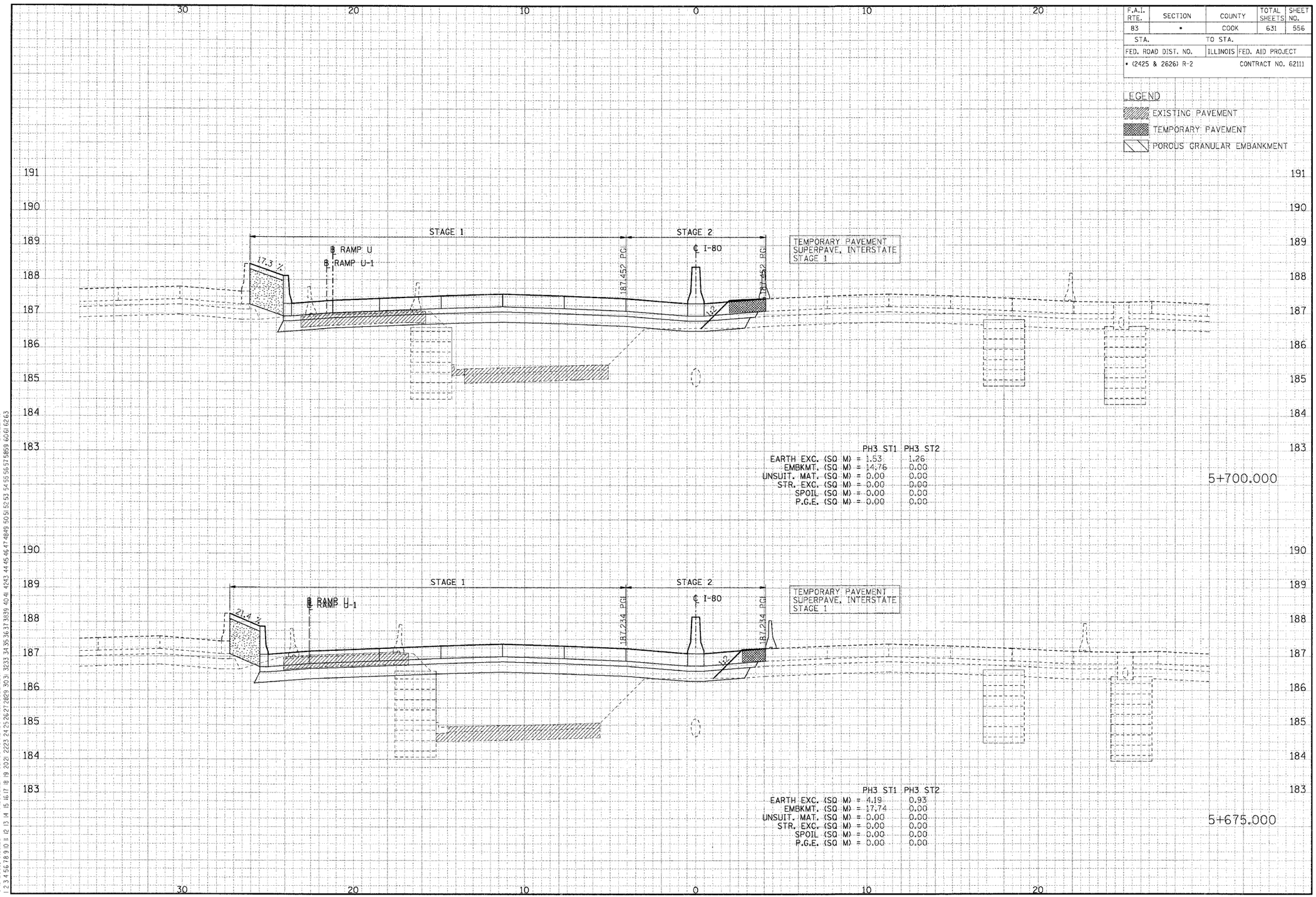
CROSS-SECTIONS FOR I-80/94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	556
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

FINAL SURVEY NOTE BOOK NO. | SURVEYED PLOTTED TRACED AREAS CHECKED | BY DATE
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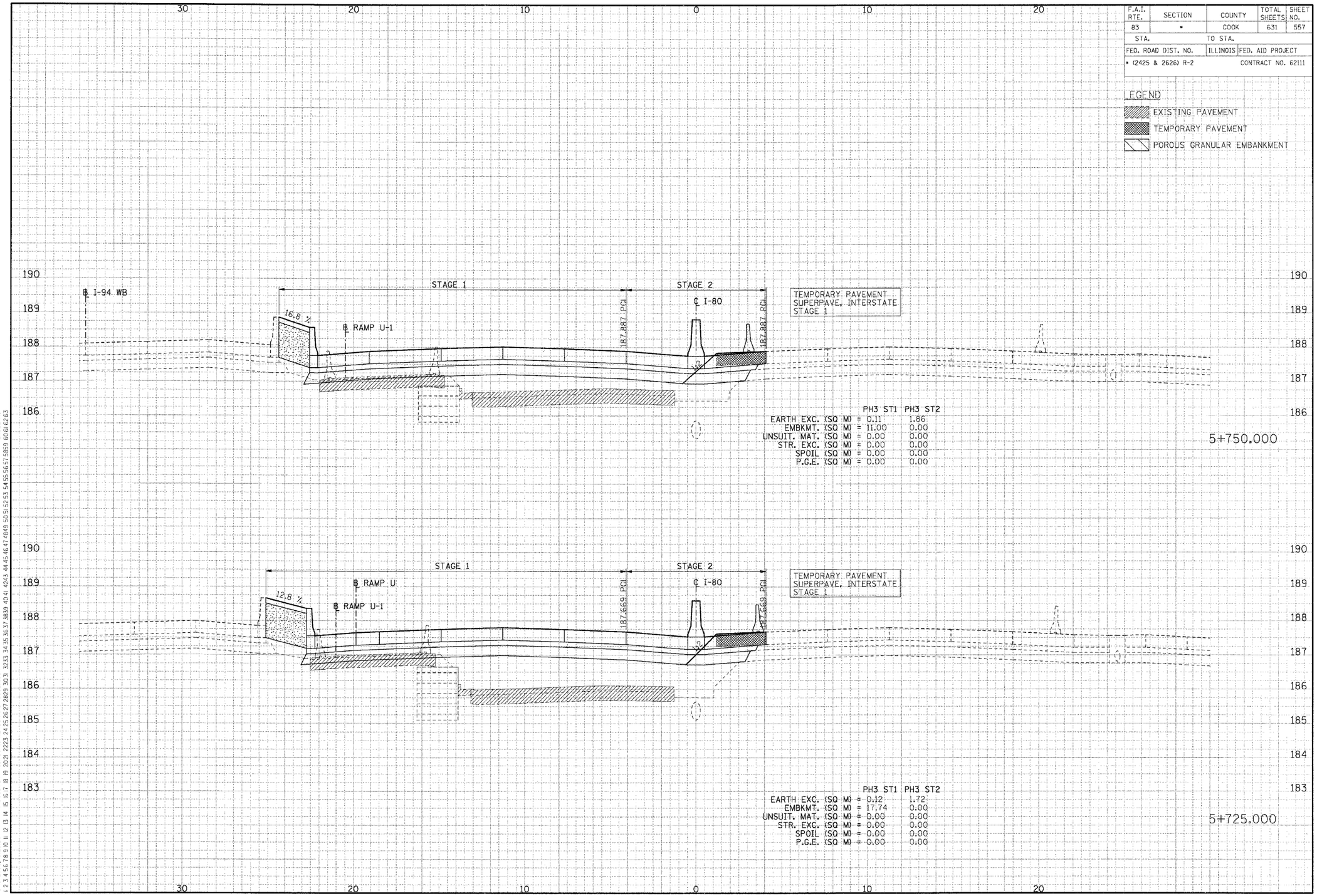
8-18-2005, 02:28:20 I:\DOCUMENT\93760\CIVIL\DGN\XS17003 2A.DGN BAJ/EKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	557
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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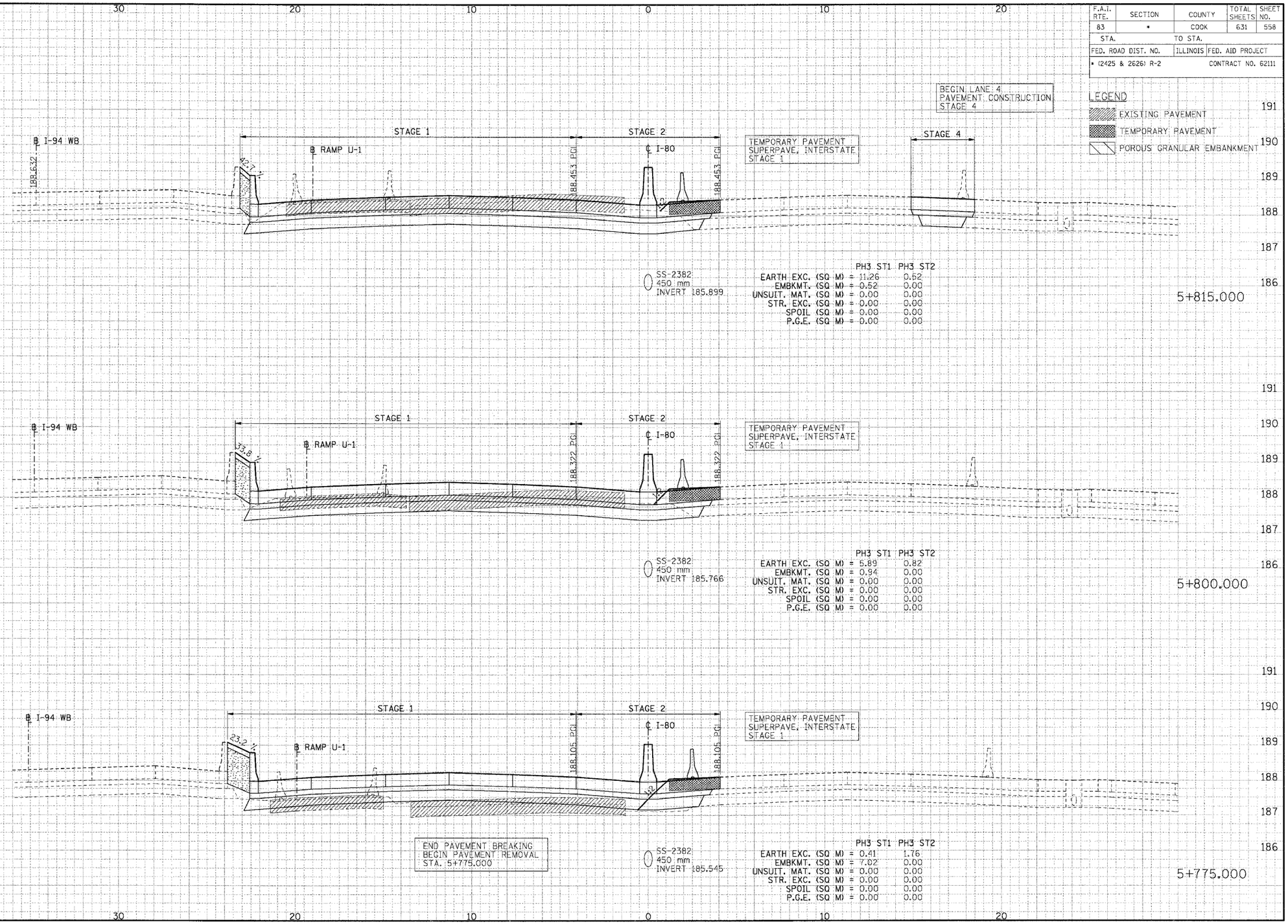
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	558
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND
- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

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

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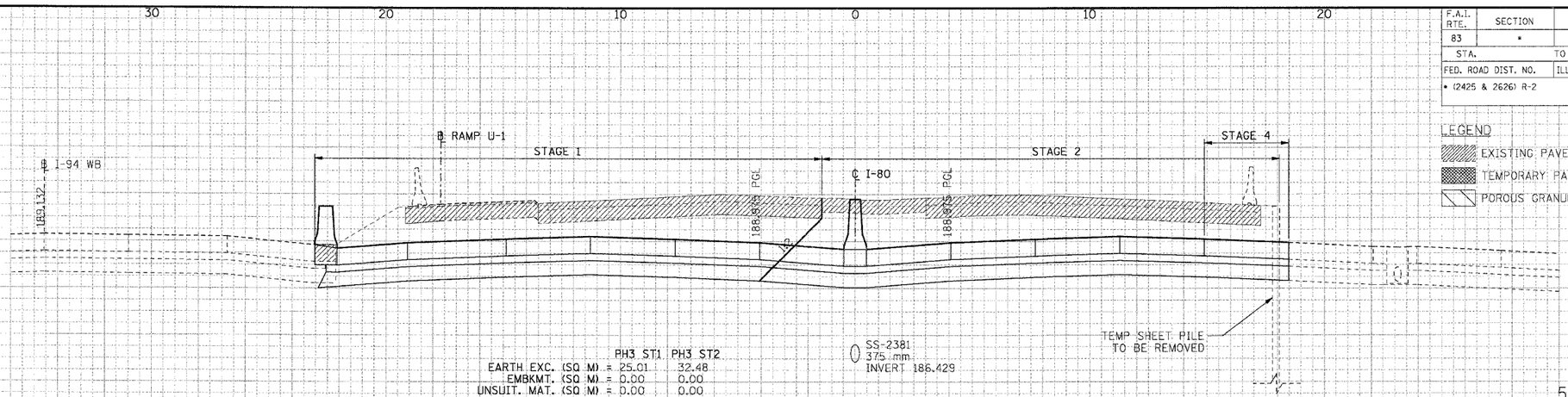
8-18-2005, 10:28:21 BAJZEKKJ
I:\DOCUMENT\93750\CIVIL\DGN\XS1700J2A.DGN
..\XR9902A.DGN, ..\XP1700R2A.DGN, ..\PR1700R2A.DGN, ..\XP1700J2A.DGN, ..\XW1700J2A.DGN, ..\XW1300J2A.DGN, ..\XH9700J2A.DGN, ..\XR1300J2A.DGN, ..\PR9900R2A.DGN, ..\VPR1900J2A.DGN, ..\VDR1900J2A.DGN

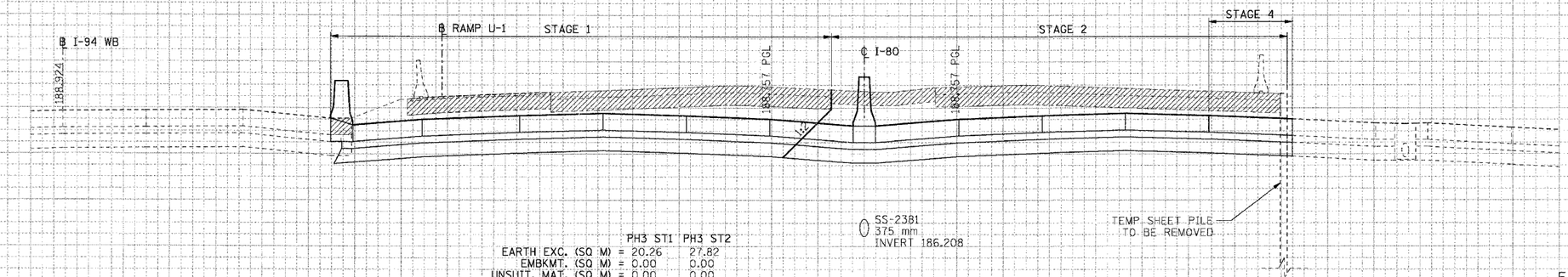
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	559
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND
- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



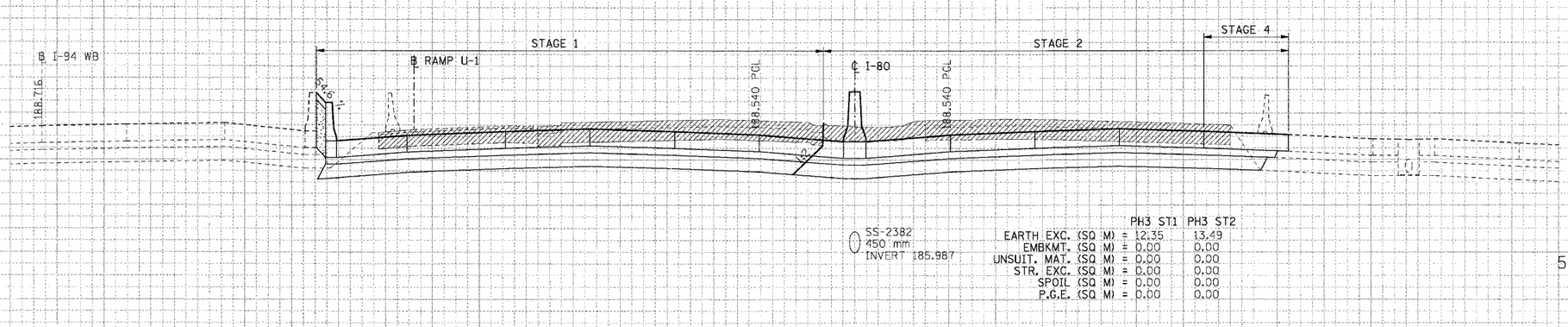
	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	25.01	32.48
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+875.000



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	20.26	27.82
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+850.000



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	12.35	13.49
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

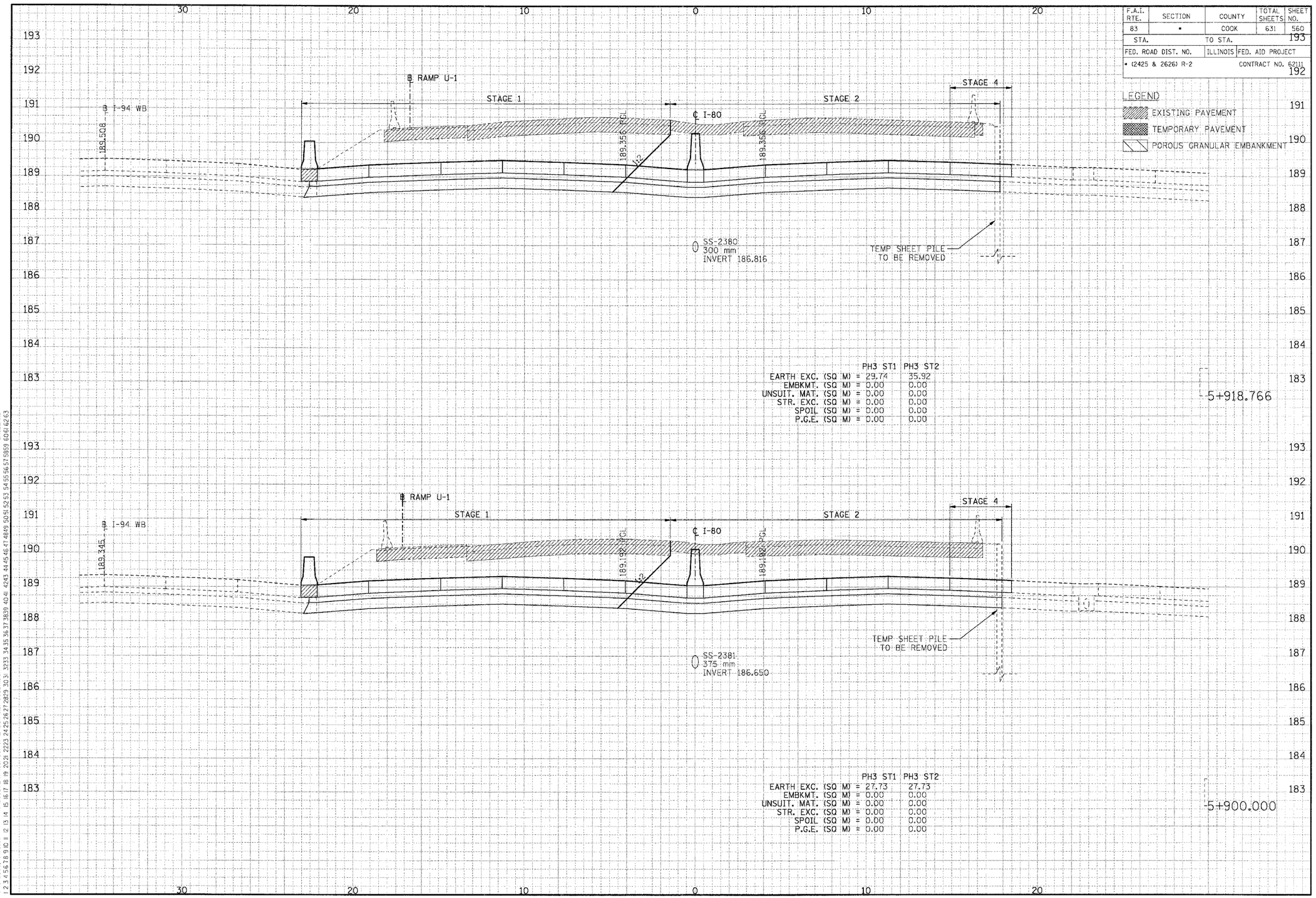
5+825.000

CROSS-SECTIONS FOR I-80/94

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

\\VR99012A.DGN, \\XP170012A.DGN, \\PR170012A.DGN, \\XP170032A.DGN, \\VR130012A.DGN, \\VR130032A.DGN, \\PR99002A.DGN, \\VR130022A.DGN, \\HR170022A.DGN, \\TR170222A.DGN
8-8-2005, 02:28:21 T:\DOCUMENT\93750\IC\WL\DGN\XS170032A.DGN BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	560
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		



LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT

CROSS-SECTIONS FOR I-80/94

NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

FINAL SURVEY

SURVEYED
PLOTTED
TRACED
AREAS

ORIGINAL SURVEY

SURVEYED
PLOTTED
TRACED
AREAS

\\XR899002A.DGN, ..\VPH70002A.DGN, ..\VPR70002A.DGN, ..\VP170032A.DGN, ..\VW130032A.DGN, ..\VW170032A.DGN, ..\SL99R02A.DGN, ..\G99R02A.DGN, ..\TR177022A.DGN
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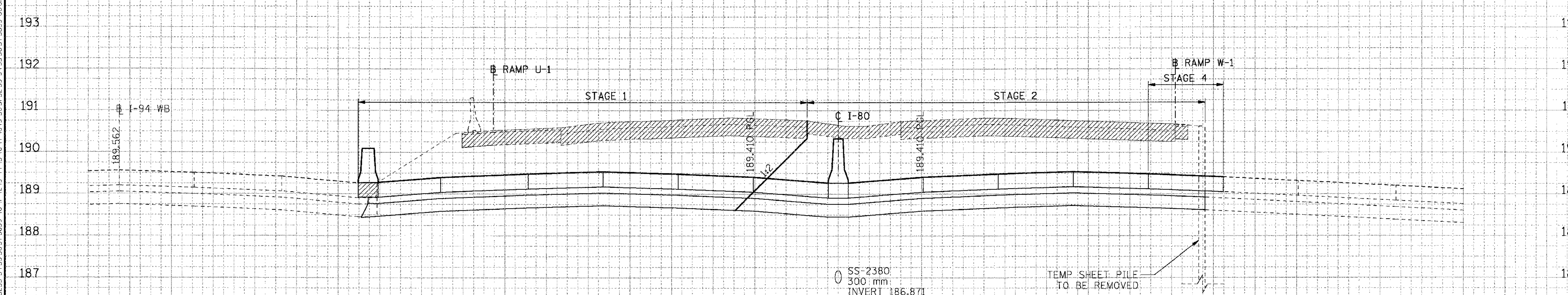
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	561

STA. TO STA.

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
* (2425 & 2626) R-2		CONTRACT NO. 62111

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	30.15	36.61
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+925.000

CROSS-SECTIONS FOR I-80/94

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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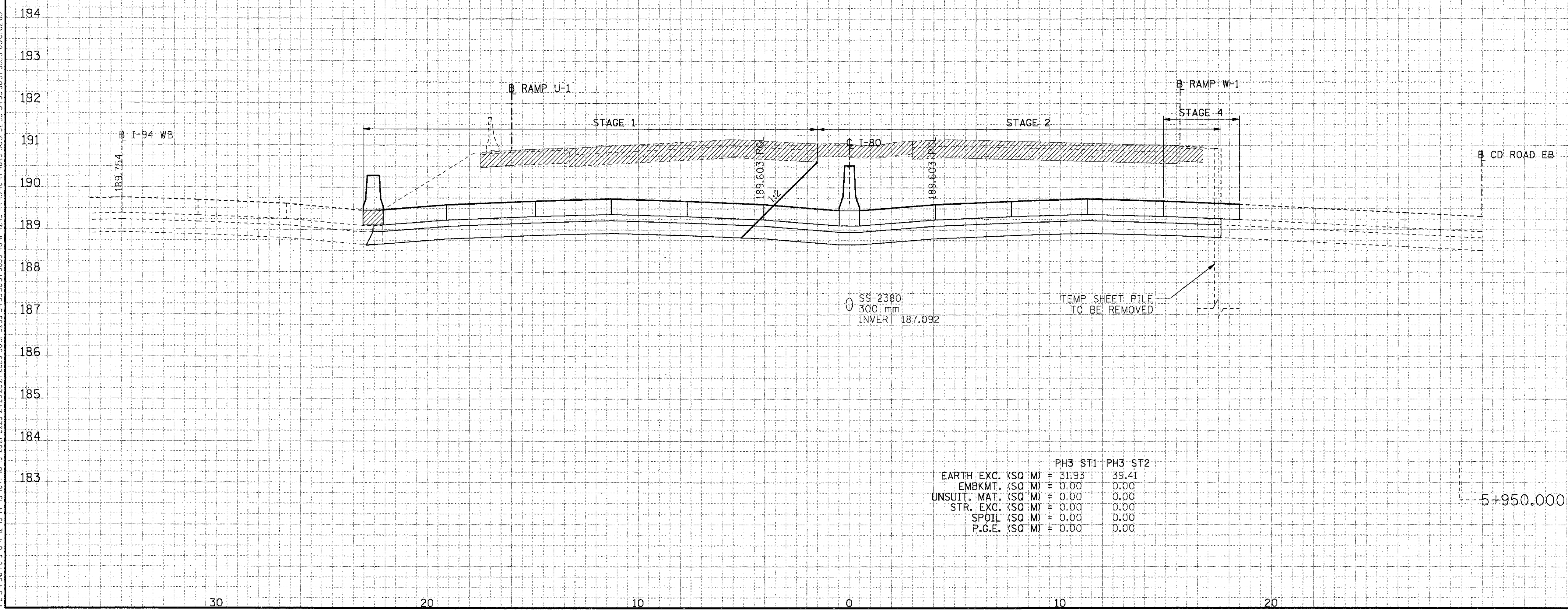
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	562
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	31.93	39.41
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+950.000

CROSS-SECTIONS FOR I-80/94

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

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

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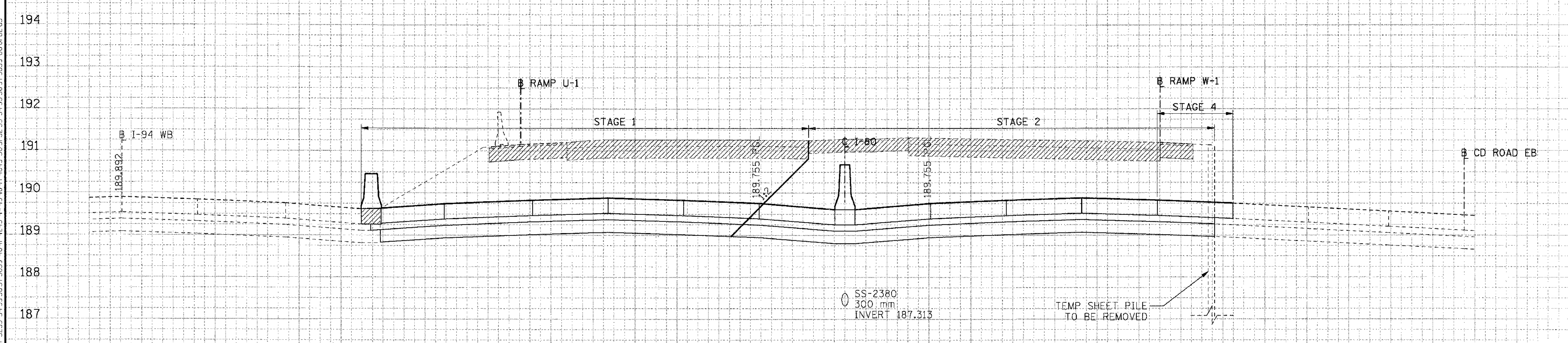
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	563
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	32.17	40.86
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

5+975.000

CROSS-SECTIONS FOR I-80/94

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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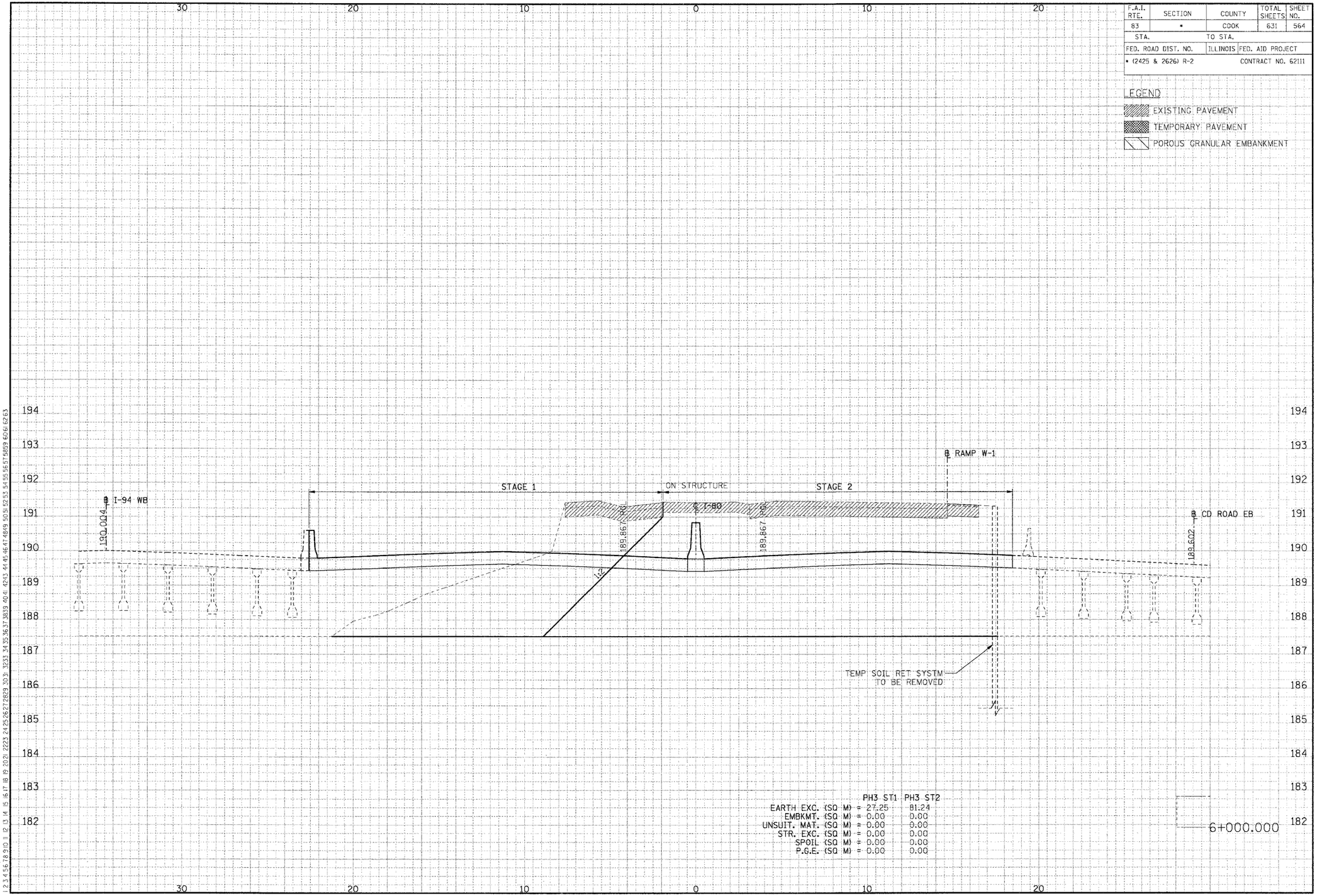
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	564
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	27.25	81.24
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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

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

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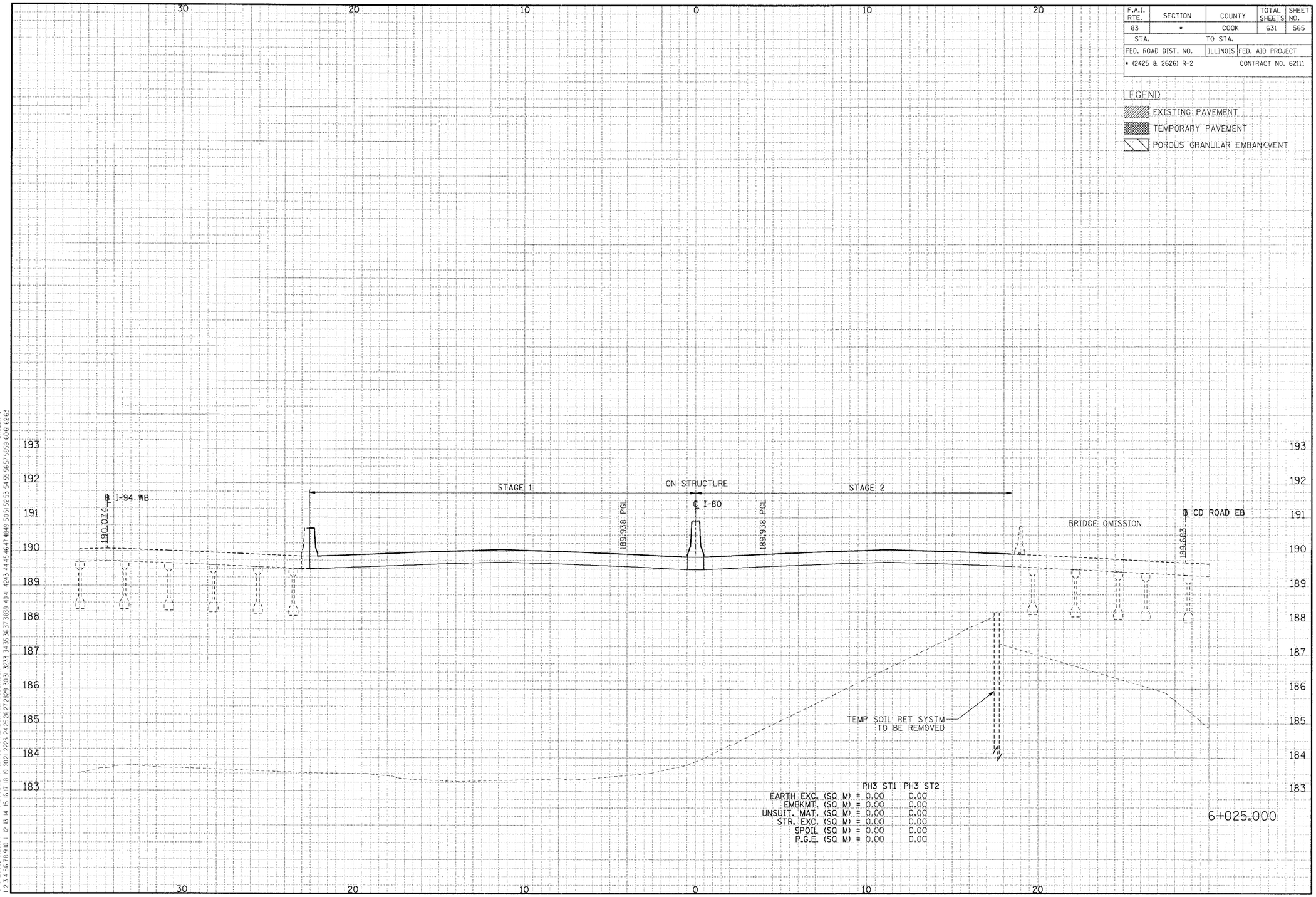
BAJZEK,J 55565756859 606 6263

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	565
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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

..\XR99002A.DGN ..\XP17002A.DGN ..\XR17022A.DGN ..\XP17003ZA.DGN ..\XW13002A.DGN ..\XR17002ZA.DGN ..\XW13002A.DGN ..\XR17002ZA.DGN ..\XR99002A.DGN ..\XR13002ZA.DGN ..\XW17003ZA.DGN ..\VR17022A.DGN ..\VS199802A.DGN ..\VS199802A.DGN ..\VR17022A.DGN
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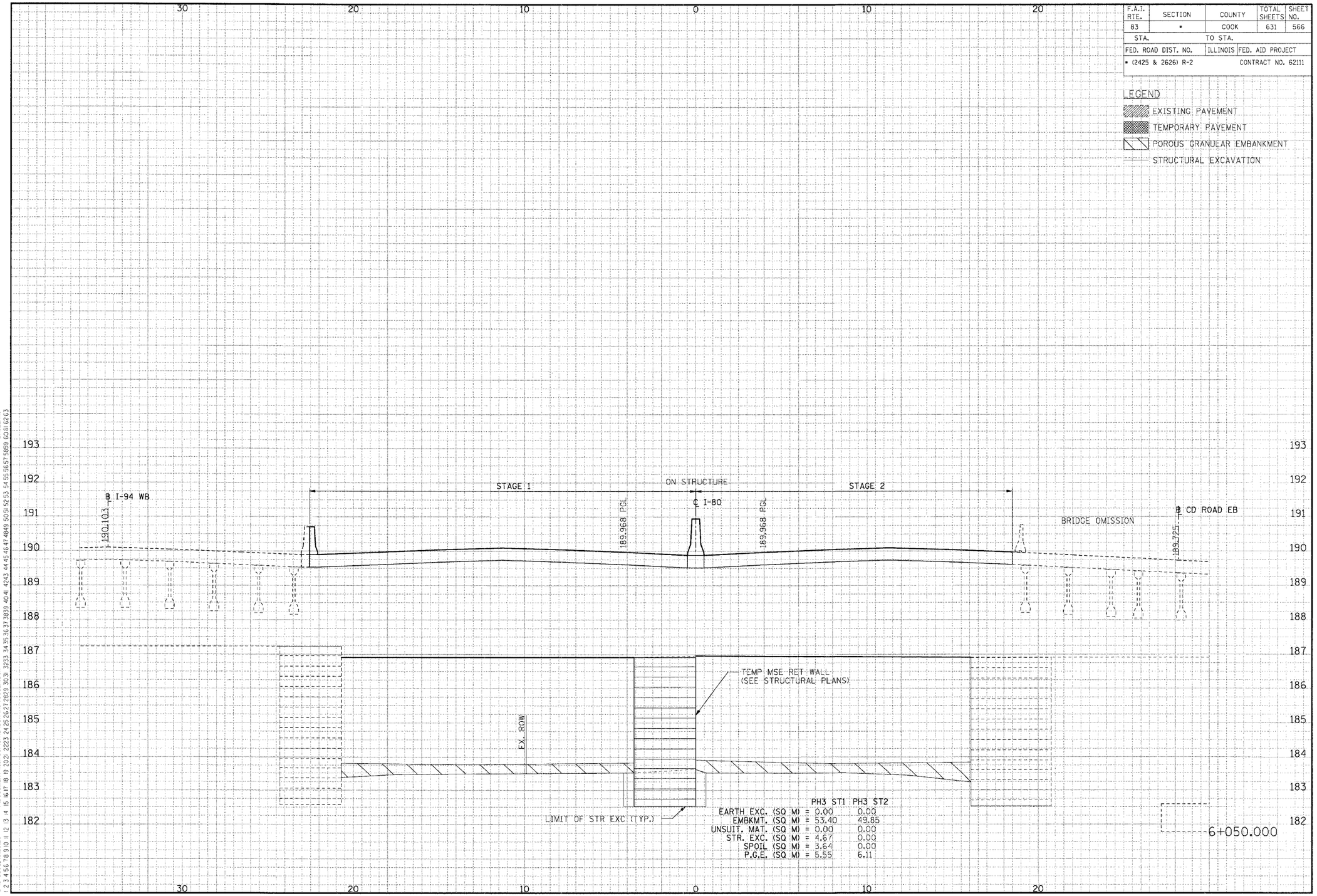
BAJEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	566
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT
- STRUCTURAL EXCAVATION



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	53.40	49.85
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	4.67	0.00
SPOIL (SQ M) =	3.64	0.00
P.G.E. (SQ M) =	5.55	6.11

CROSS-SECTIONS FOR I-80/94

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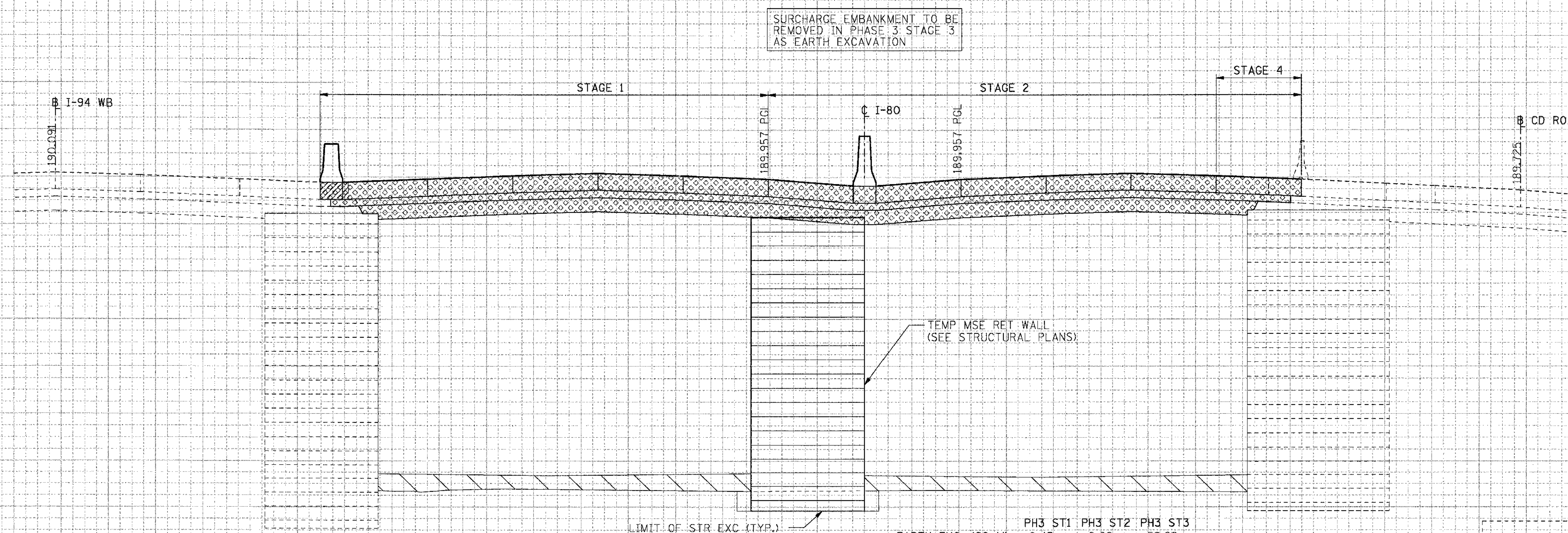
ORIGINAL SURVEY	NOTE BOOK	NO.	SURVEYED	PLOTTED	DESIGN STATE	AREAS	AREAS CHECKED	BY	DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	567
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT
- STRUCTURAL EXCAVATION
- SURCHARGE EMBANKMENT



	PH3 ST1	PH3 ST2	PH3 ST3
EARTH EXC. (SQ M) =	0.43	0.69	32.28
EMBKMT. (SQ M) =	91.93	121.71	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00	0.00
STR. EXC. (SQ M) =	2.29	0.00	0.00
SPOIL (SQ M) =	2.04	0.00	0.00
P.G.E. (SQ M) =	5.34	5.25	0.00

6+075.000

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

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

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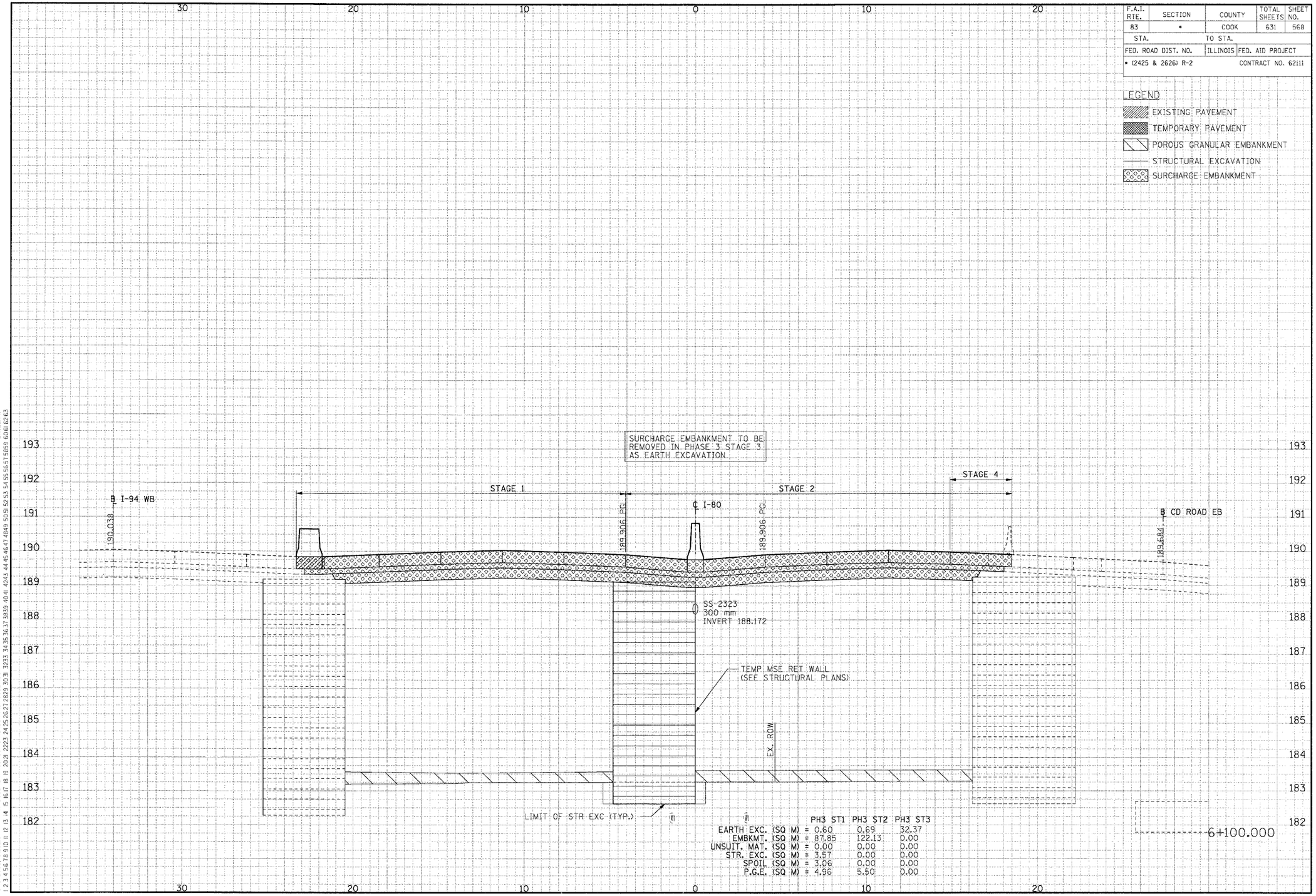
CROSS-SECTIONS FOR I-80/94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	568
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT
- STRUCTURAL EXCAVATION
- SURCHARGE EMBANKMENT



	PH3 ST1	PH3 ST2	PH3 ST3
EARTH EXC. (SQ M) =	0.60	0.69	32.37
EMBKMT. (SQ M) =	87.85	122.13	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00	0.00
STR. EXC. (SQ M) =	3.57	0.00	0.00
SPOIL (SQ M) =	3.06	0.00	0.00
P.G.E. (SQ M) =	4.96	5.50	0.00

CROSS-SECTIONS FOR I-80/94

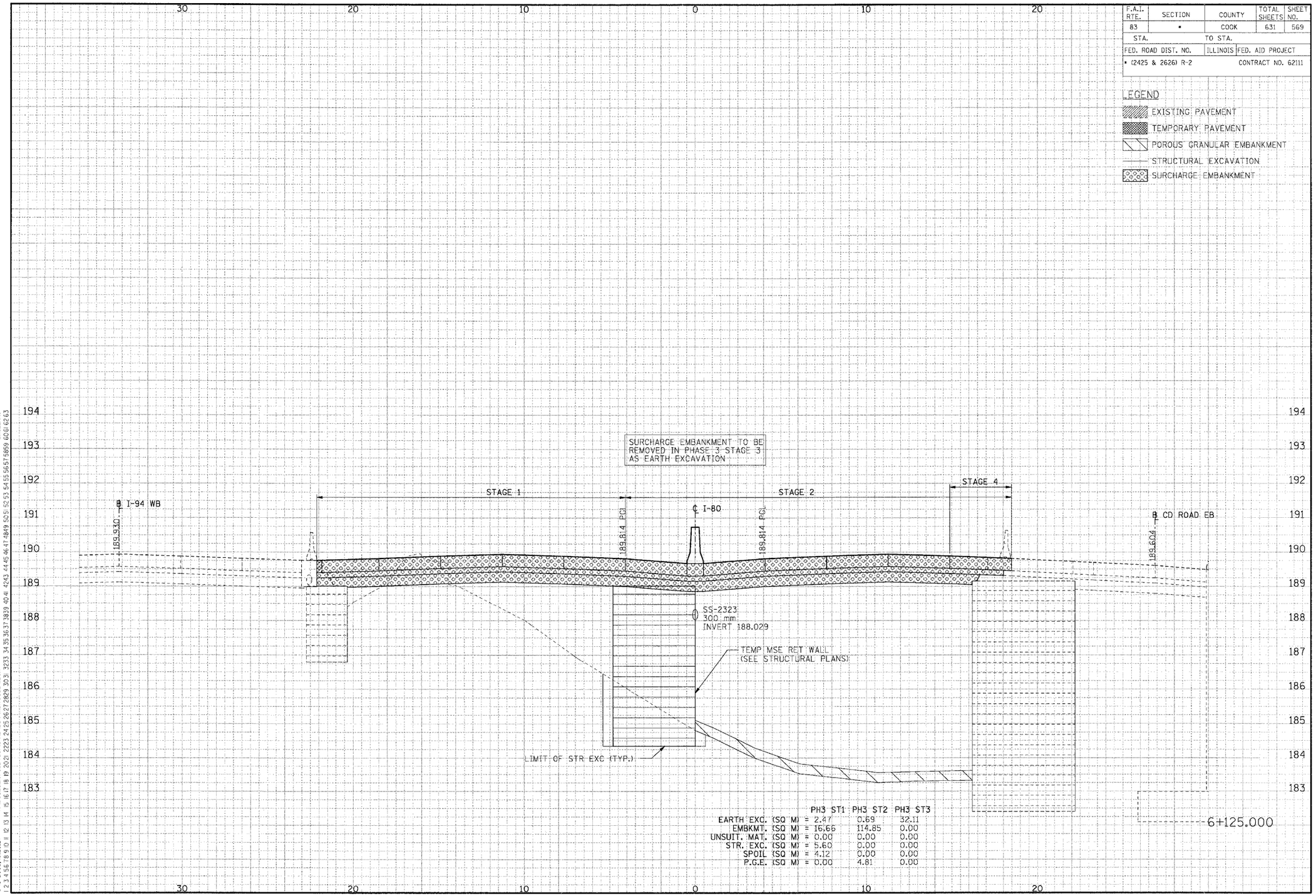
NO.	ORIGINAL SURVEY NOTE BOOK	FINAL SURVEY NOTE BOOK	BY	DATE
	SURVEYED	SURVEYED		
	PLOTTED	PLOTTED		
	TEMPLATE	TEMPLATE		
	AREAS	AREAS		
	AREAS CHECKED	AREAS CHECKED		

..\XR99002A.DGN, ..\XP17002A.DGN, ..\PRT0012A.DGN, ..\XP17003A.DGN, ..\VXW17003A.DGN, ..\VXW17003A.DGN, ..\SL99R012A.DGN, ..\SL99R012A.DGN, ..\TR17022A.DGN
8-18-2005, 10:28:26 I:\DOCUMENTS\3750\CIVIL\DGNS\XS170032A.DGN BAJZEKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	569
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT
- STRUCTURAL EXCAVATION
- SURCHARGE EMBANKMENT



	PH3 ST1	PH3 ST2	PH3 ST3
EARTH EXC. (SQ M) =	2.47	0.69	32.11
EMBKMT. (SQ M) =	16.66	114.85	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00	0.00
STR. EXC. (SQ M) =	5.60	0.00	0.00
SPOIL (SQ M) =	4.12	0.00	0.00
P.G.E. (SQ M) =	0.00	4.81	0.00

CROSS-SECTIONS FOR I-80/94

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

..\X999002A.DGN, ..\XPT0002A.DGN, ..\XPR0002A.DGN, ..\XPT0032A.DGN, ..\XW0032A.DGN, ..\XW7002A.DGN, ..\XW7032A.DGN, ..\SL998002A.DGN, ..\VR10022A.DGN, ..\VR10032A.DGN, ..\VR99002A.DGN, ..\VR99032A.DGN, ..\DR30032A.DGN, ..\DR30062A.DGN, ..\VR77022A.DGN
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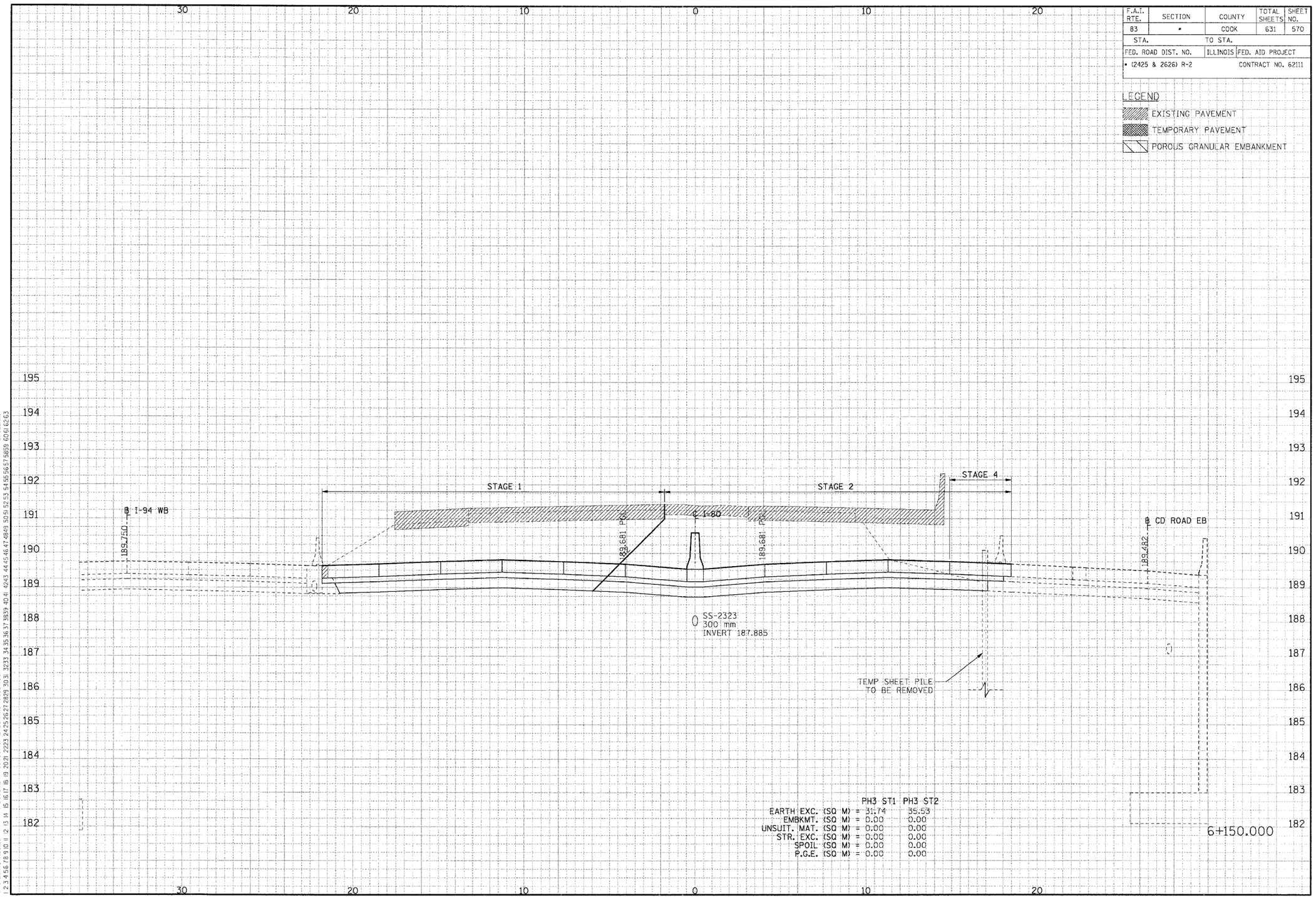
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	570
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	31.74	35.53
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

..\X99002A.DGN, ..\XPI70002A.DGN, ..\XPI70002A.DGN, ..\XPI70032A.DGN, ..\XWI30002A.DGN, ..\XWI70032A.DGN, ..\XWI70022A.DGN, ..\XRI30022A.DGN, ..\XRI30032A.DGN, ..\XRI30032A.DGN, ..\XWT00032A.DGN, ..\SL99002A.DGN, ..\C99002A.DGN, ..\TR177022A.DGN
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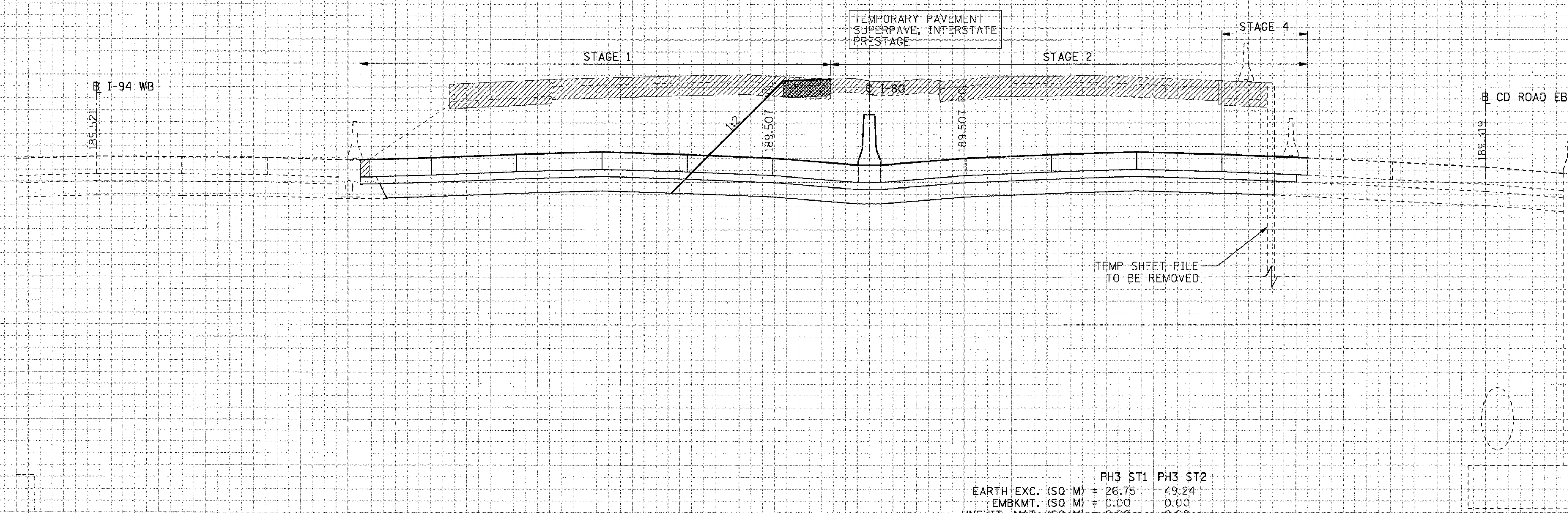
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	571
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	26.75	49.24
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+175.000

CROSS-SECTIONS FOR I-80/94

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

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

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BAJZEKKJ

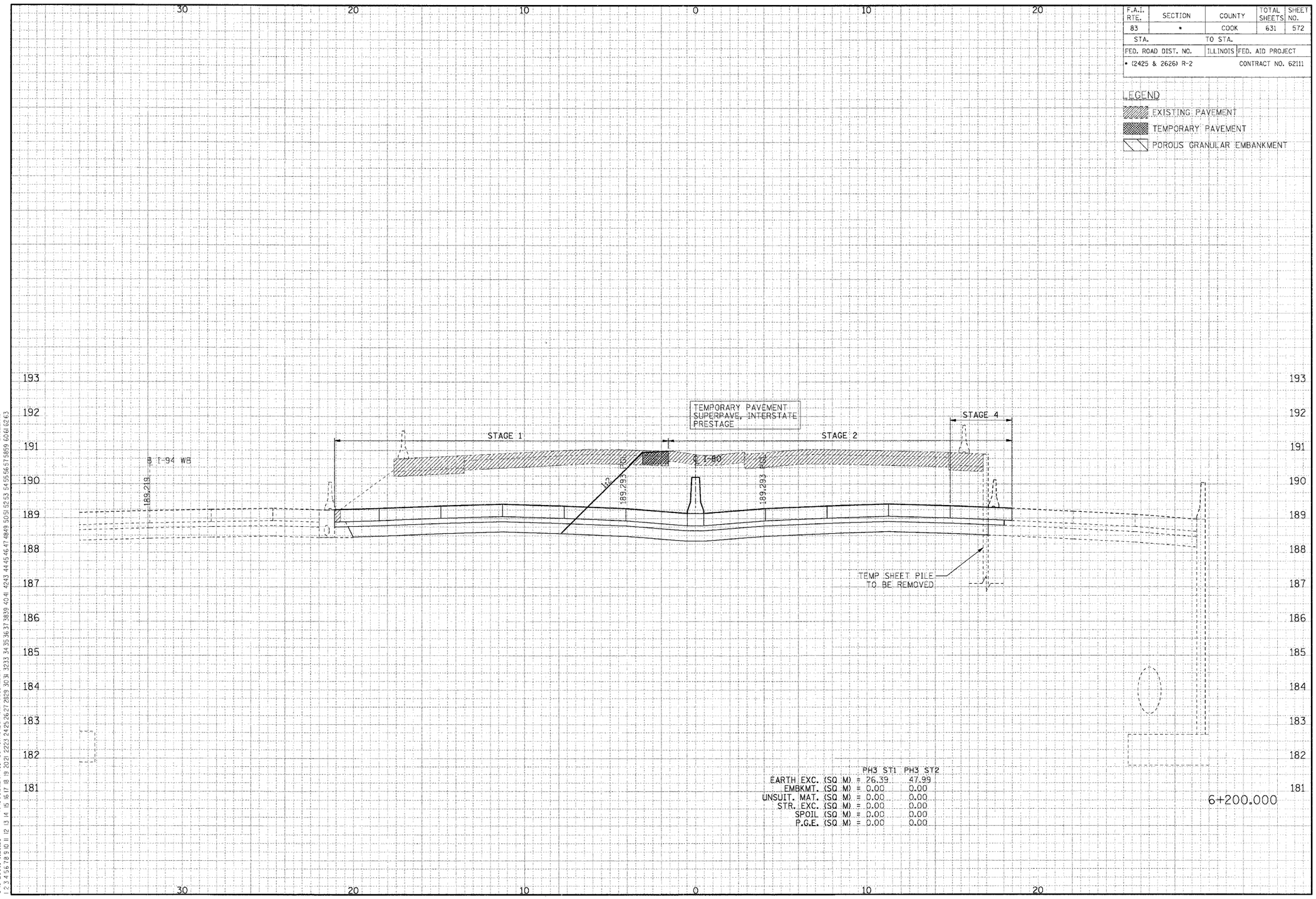
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	572
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	26.39	47.99
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

FINAL SURVEY NOTE BOOK | SURVEYED | PLOTTED | DRAWN | AREAS | AREAS CHECKED | NO. | BY | DATE | 8"
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ORIGINAL SURVEY NOTE BOOK | SURVEYED | PLOTTED | DRAWN | AREAS | AREAS CHECKED | NO. | BY | DATE
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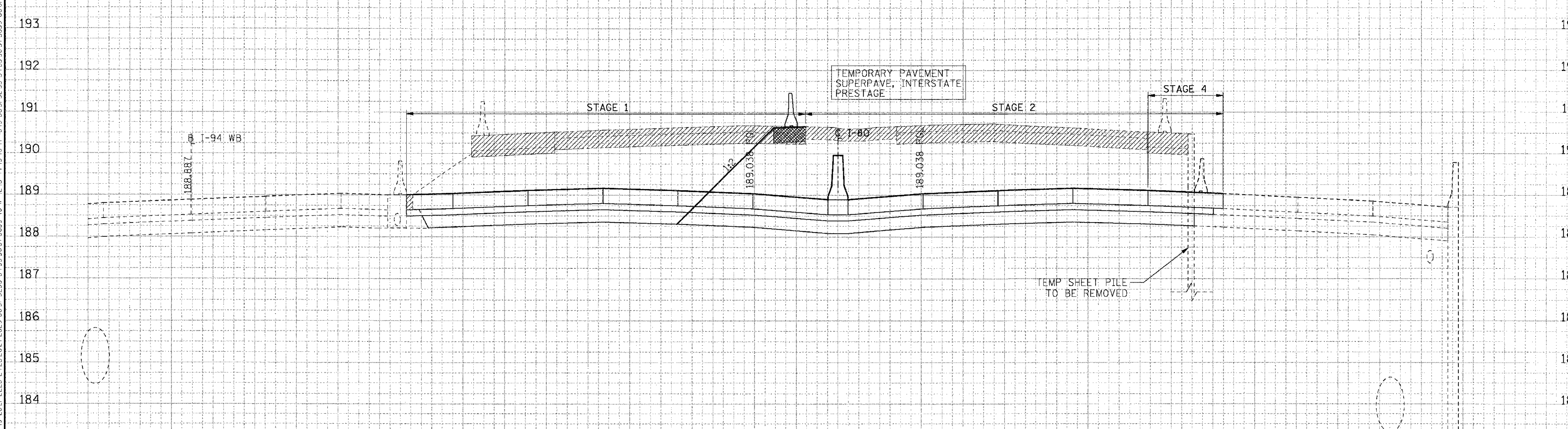
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	573
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	24.68	46.17
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+225.000

30 20 10 0 10 20

CROSS-SECTIONS FOR I-80/94

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

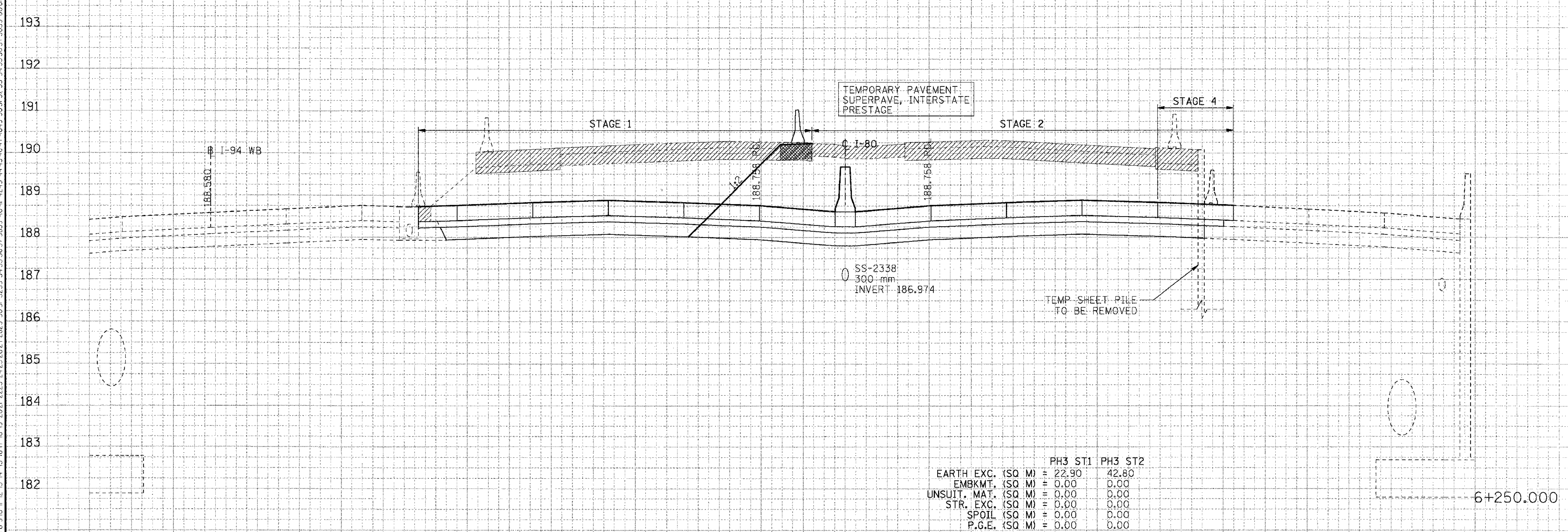
ORIGINAL SURVEY NOTE BOOK NO. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

8-18-2005, 10:28:29 BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	574
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



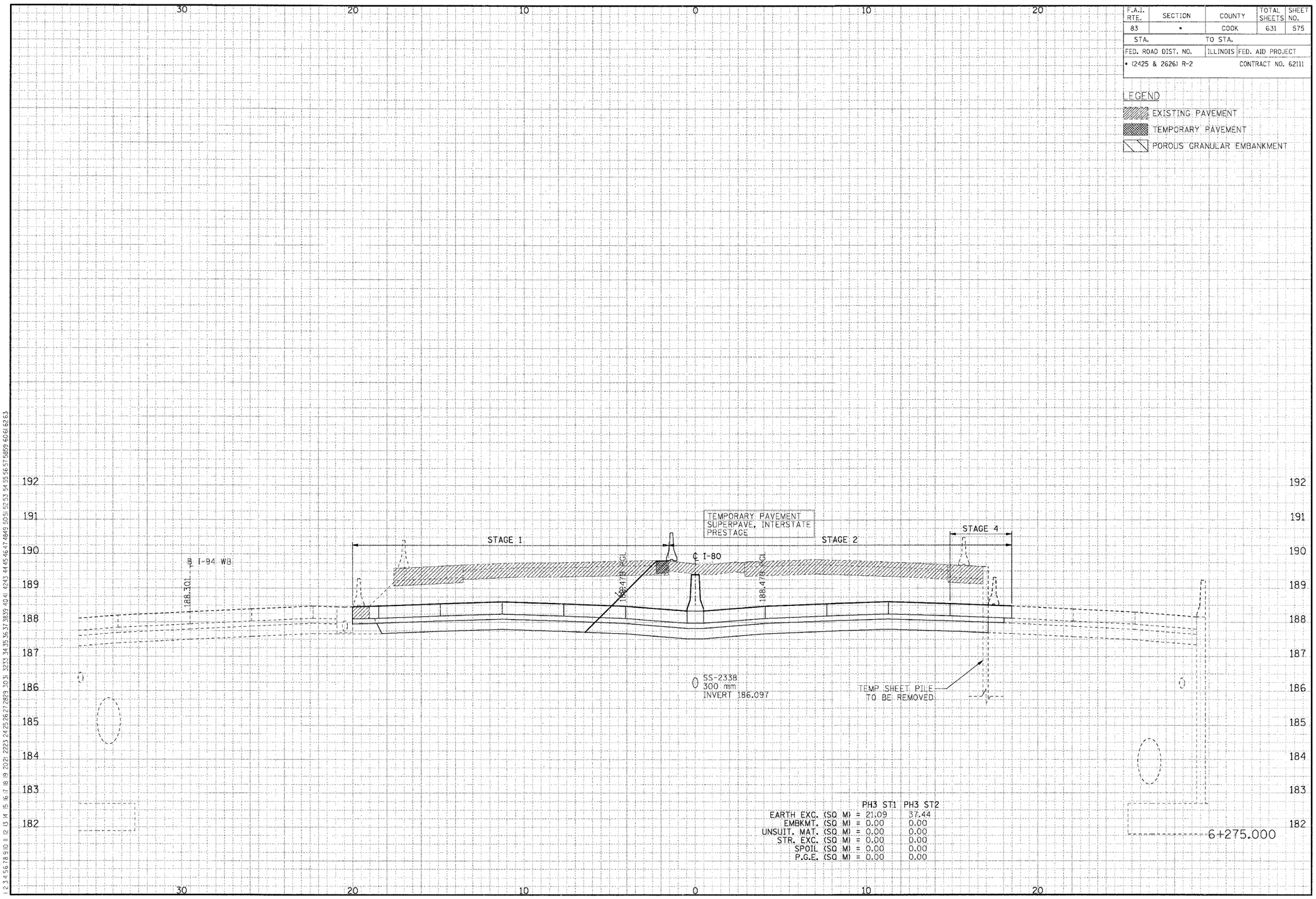
	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	22.90	42.80
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	575
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	21.09	37.44
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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

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

\\X8990012A.DGN, \\XPT0092A.DGN, \\PRT0092A.DGN, \\XPT0032A.DGN, \\SL9960ZA.DGN, \\G9960ZA.DGN, \\TRT7022A.DGN
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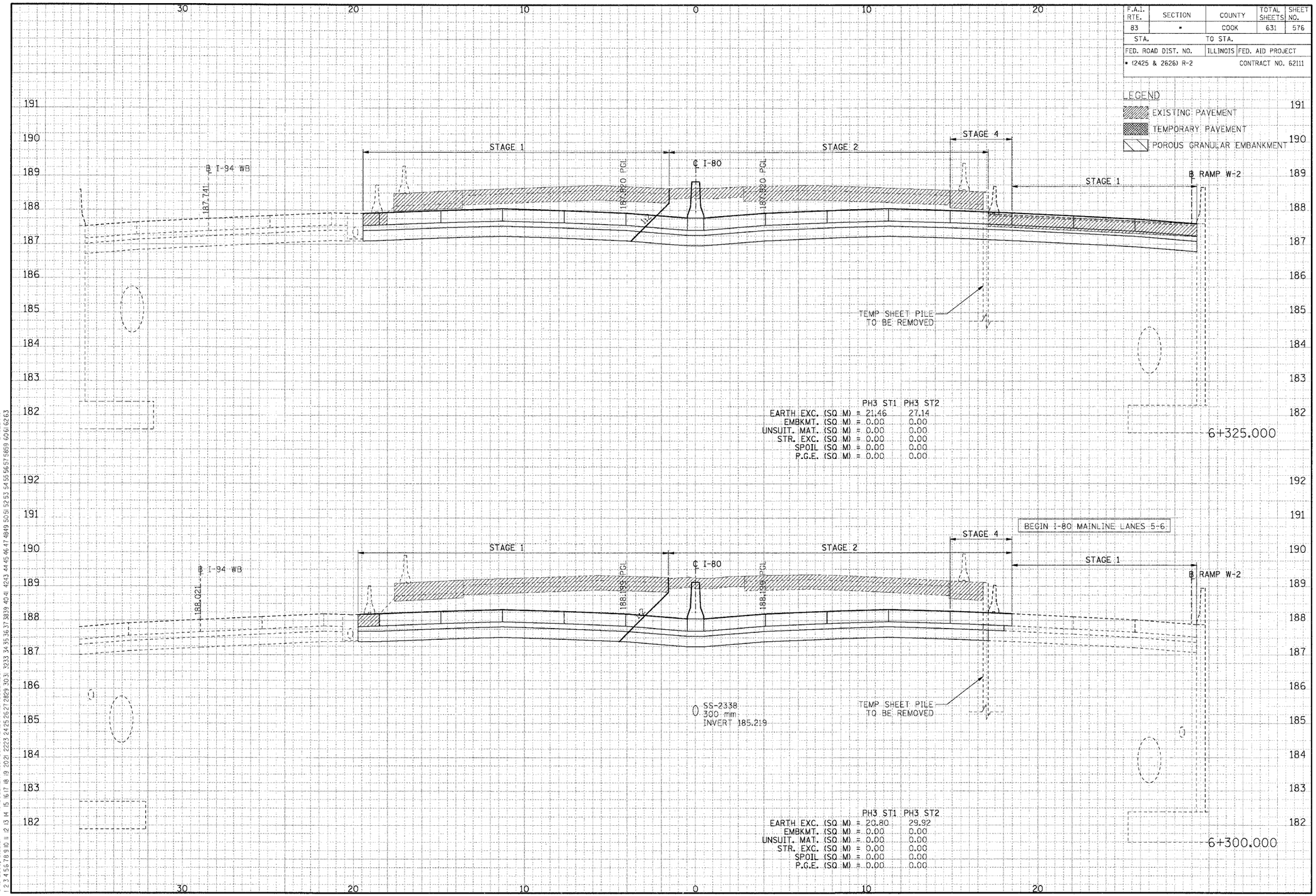
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	576
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2	CONTRACT NO. 62111			

LEGEND
- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



CROSS-SECTIONS FOR I-80/94

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TRACED
AREAS CHECKED
BY
DATE
UNITS
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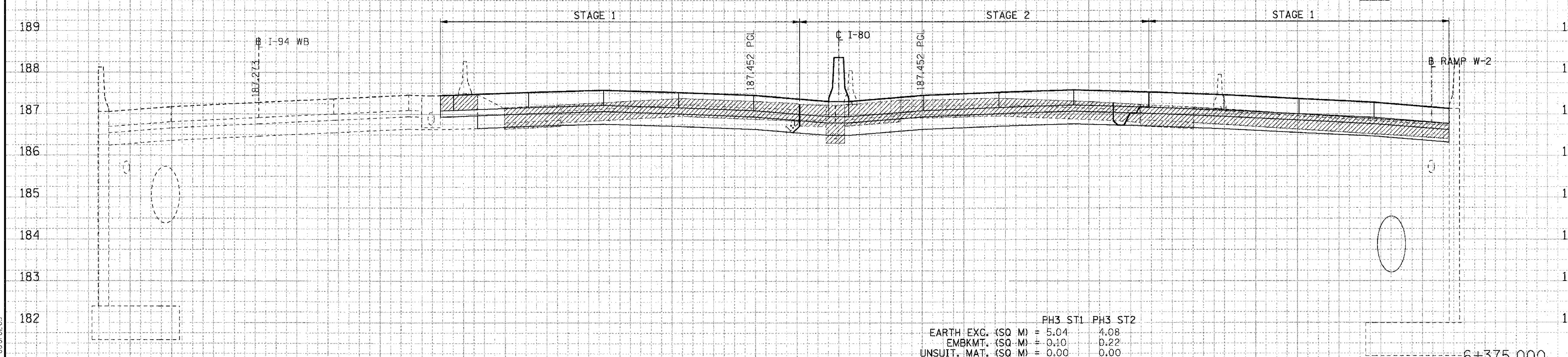
BAJZEKJ
55565765869 60616263

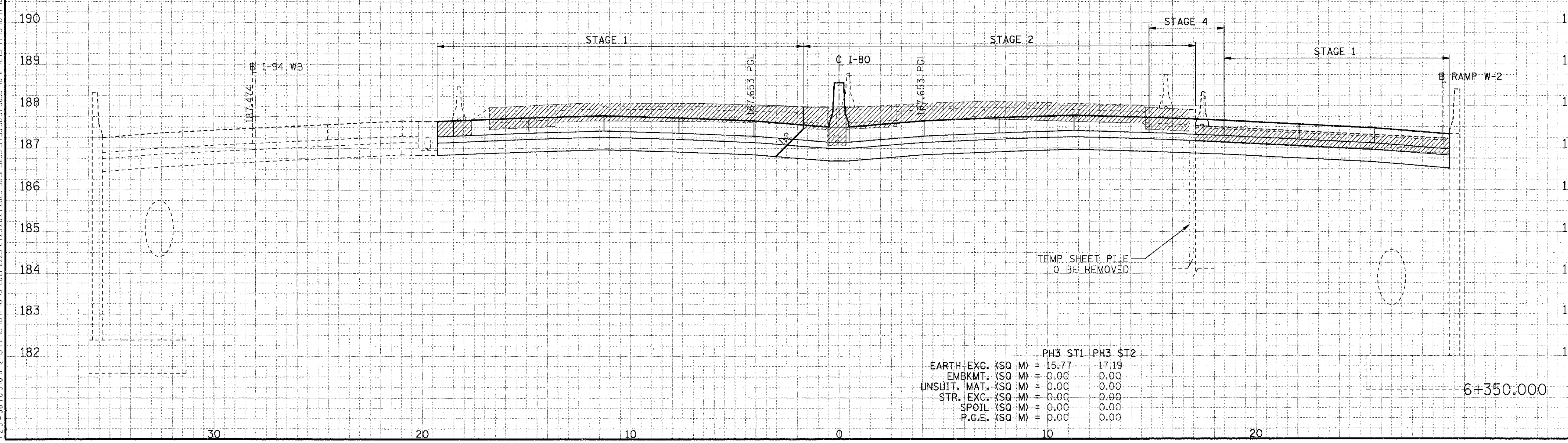
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	577
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	5.04	4.08
EMBKMT. (SQ M) =	0.10	0.22
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	15.77	17.19
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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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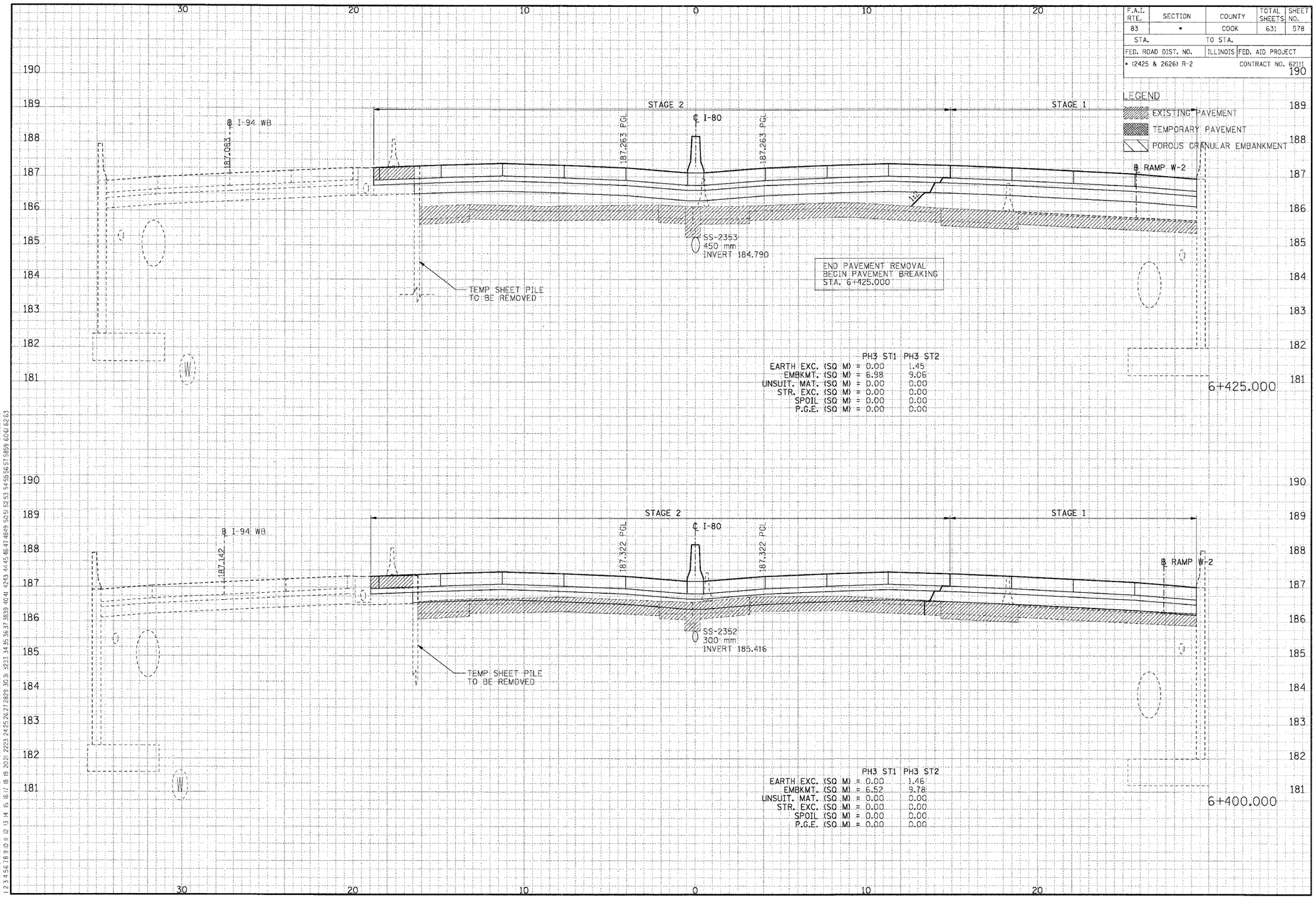
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	578
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

190



CROSS-SECTIONS FOR I-80/94

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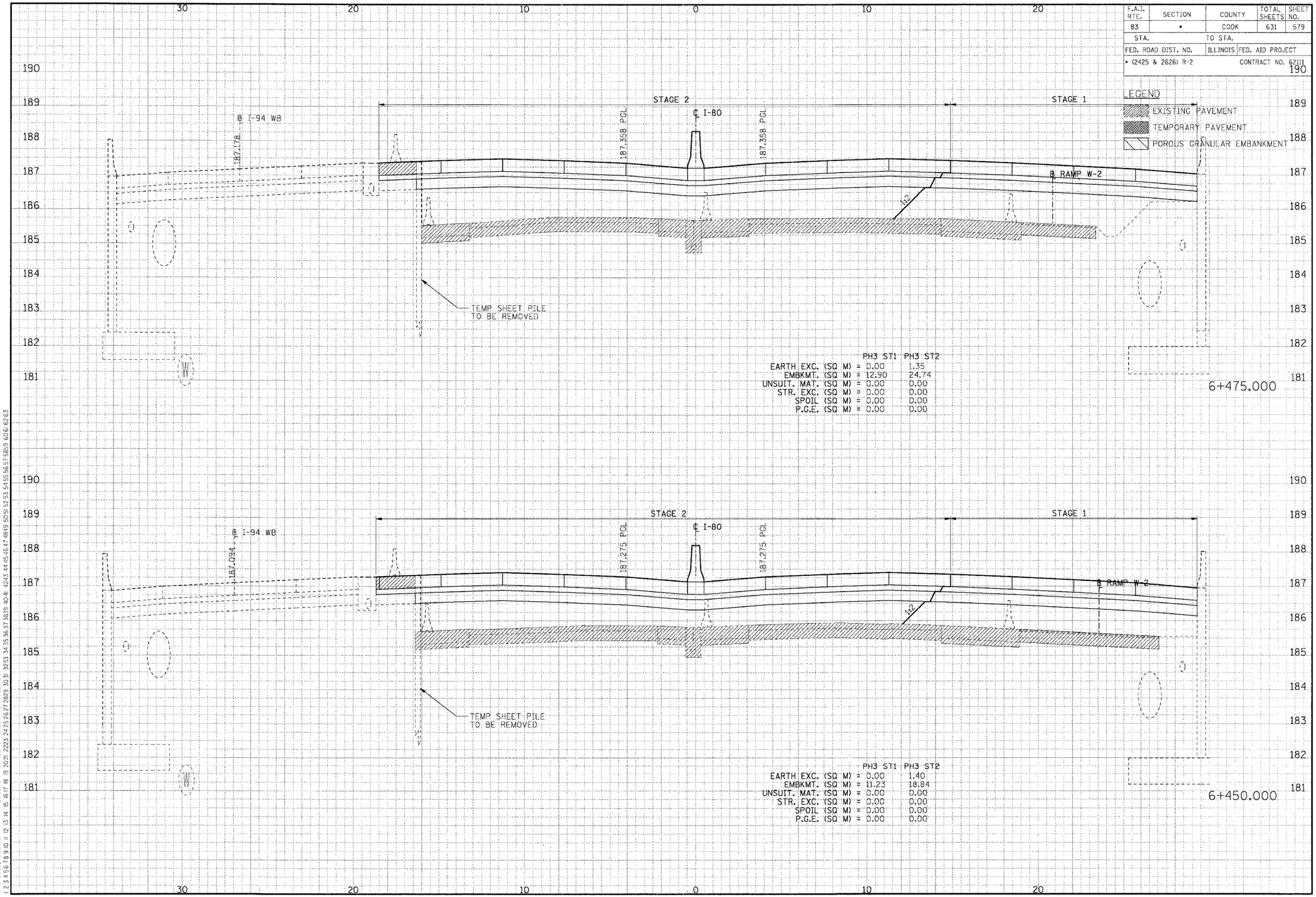
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	579
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		



CROSS-SECTIONS FOR I-80/94

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

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

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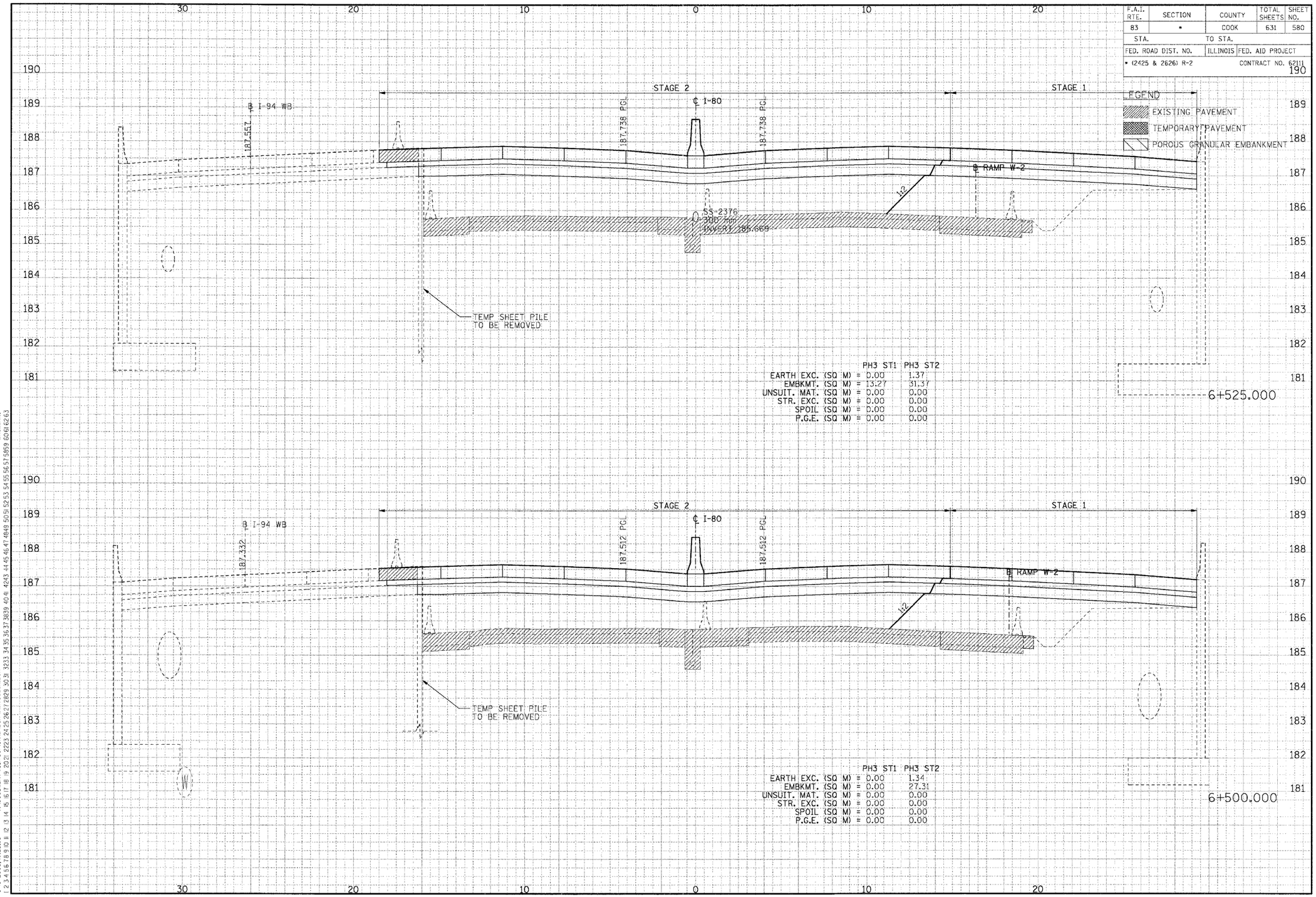
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	580
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.37
EMBKMT. (SQ M) =	13.27	31.37
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.34
EMBKMT. (SQ M) =	0.00	27.31
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

..\XR99002A.DGN, ..\XP17002A.DGN, ..\PR17002A.DGN, ..\DR13002A.DGN, ..\DR13003ZA.DGN, ..\VW17003ZA.DGN, ..\VP17003ZA.DGN, ..\VR17003ZA.DGN, ..\VR17002ZA.DGN, ..\VR33022A.DGN, ..\PR99002A.DGN, ..\PR13002A.DGN, ..\PR13003ZA.DGN, ..\DR13003ZA.DGN, ..\PR17002A.DGN, ..\XP17002A.DGN, ..\XR99002A.DGN
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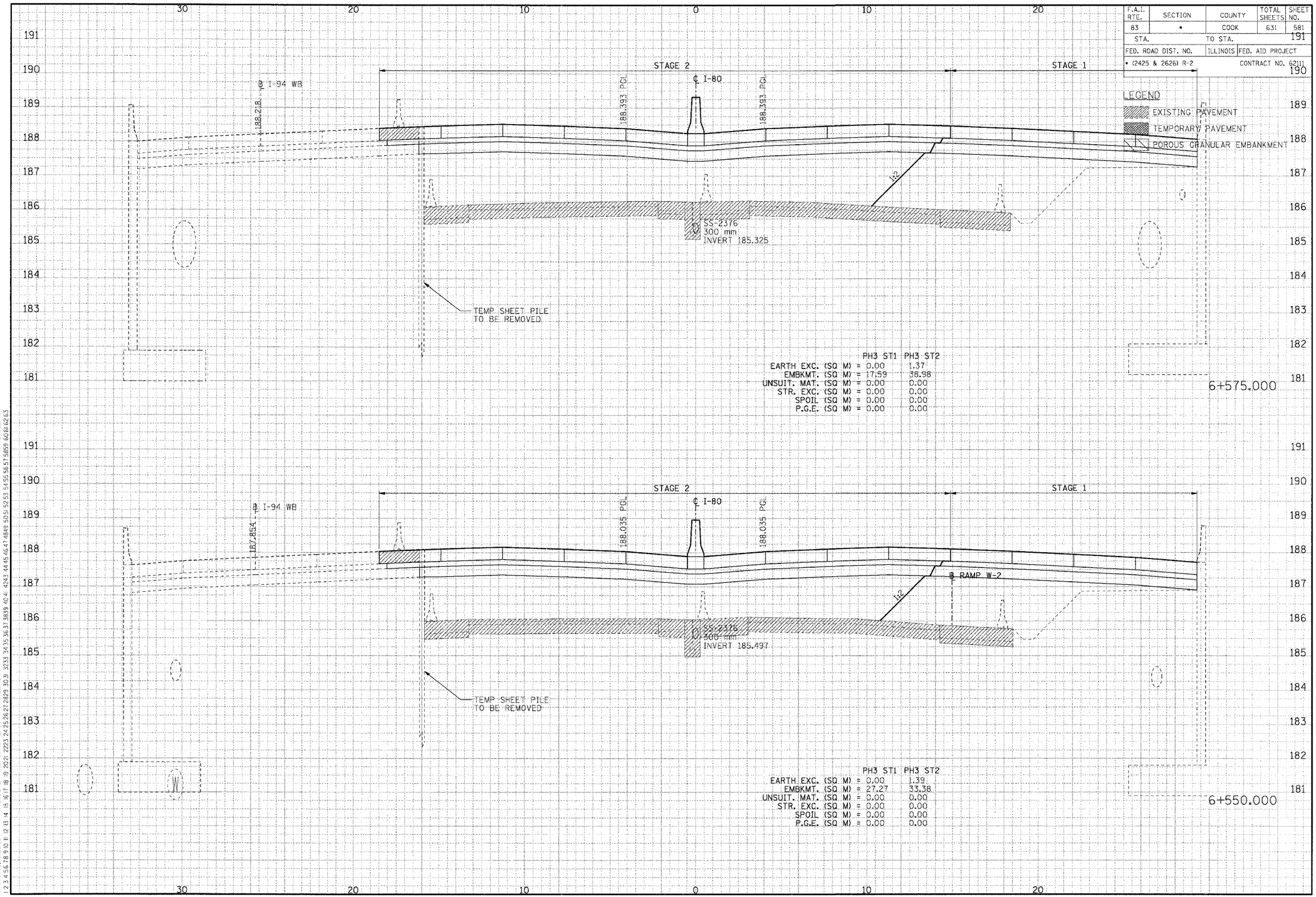
NO.	NOTE BOOK	AREAS CHECKED	PLOTTED	SURVEYED	ORIGINAL SURVEY	FINAL SURVEY	BY	DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	581
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	



CROSS-SECTIONS FOR I-80/94

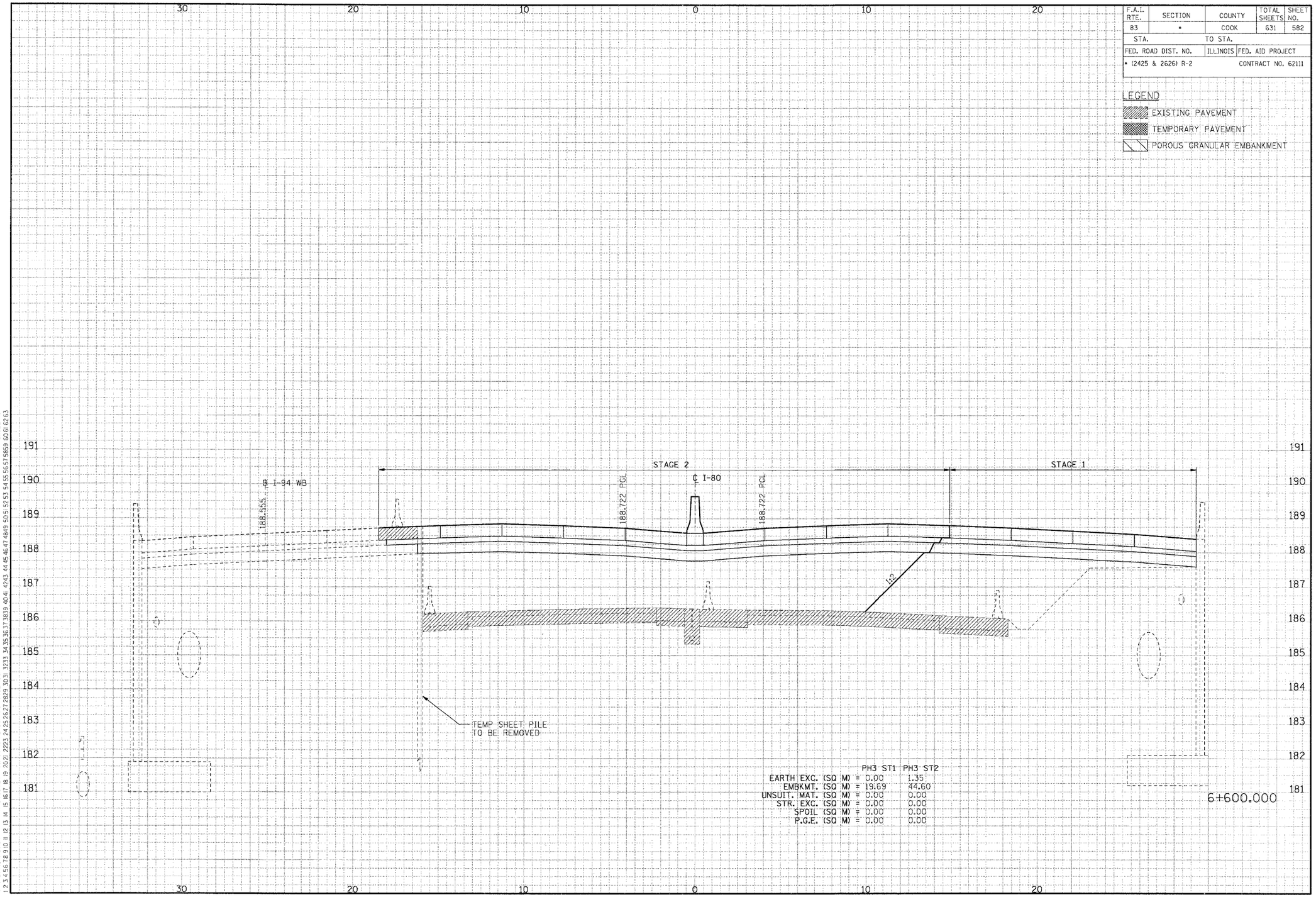
FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED
BY
DATE

..\VR19902A.DGN, ..\VP170102A.DGN, ..\PR170102A.DGN, ..\VH170032A.DGN, ..\VR13002A.DGN, ..\HR170022A.DGN, ..\VR13002A.DGN, ..\VR99002A.DGN, ..\VR13002A.DGN, ..\VR13002A.DGN, ..\VR13002A.DGN, ..\VR13002A.DGN, ..\VW170032A.DGN, ..\VSL99302A.DGN, ..\N699802A.DGN, ..\TR177022A.DGN
8-18-2005, 02:28:33 I:\DOCUMENTS\95175P\CIVIL\DGN\XS170032A.DGN BAJZEKJ
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 2021 2223 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	582
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.35
EMBKMT. (SQ M) =	19.69	44.60
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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		

..\XR99S02A.DGN, ..\XP70O2A.DGN, ..\XP70O2A.DGN, ..\XP70O2A.DGN, ..\XP70O32A.DGN, ..\XW130032A.DGN, ..\XW170032A.DGN, ..\XR130032A.DGN, ..\XR130032A.DGN, ..\SL99R02A.DGN, ..\N99R02A.DGN, ..\VR130022A.DGN, ..\VP99O02A.DGN, ..\PR130O2A.DGN, ..\TR170224.DGN
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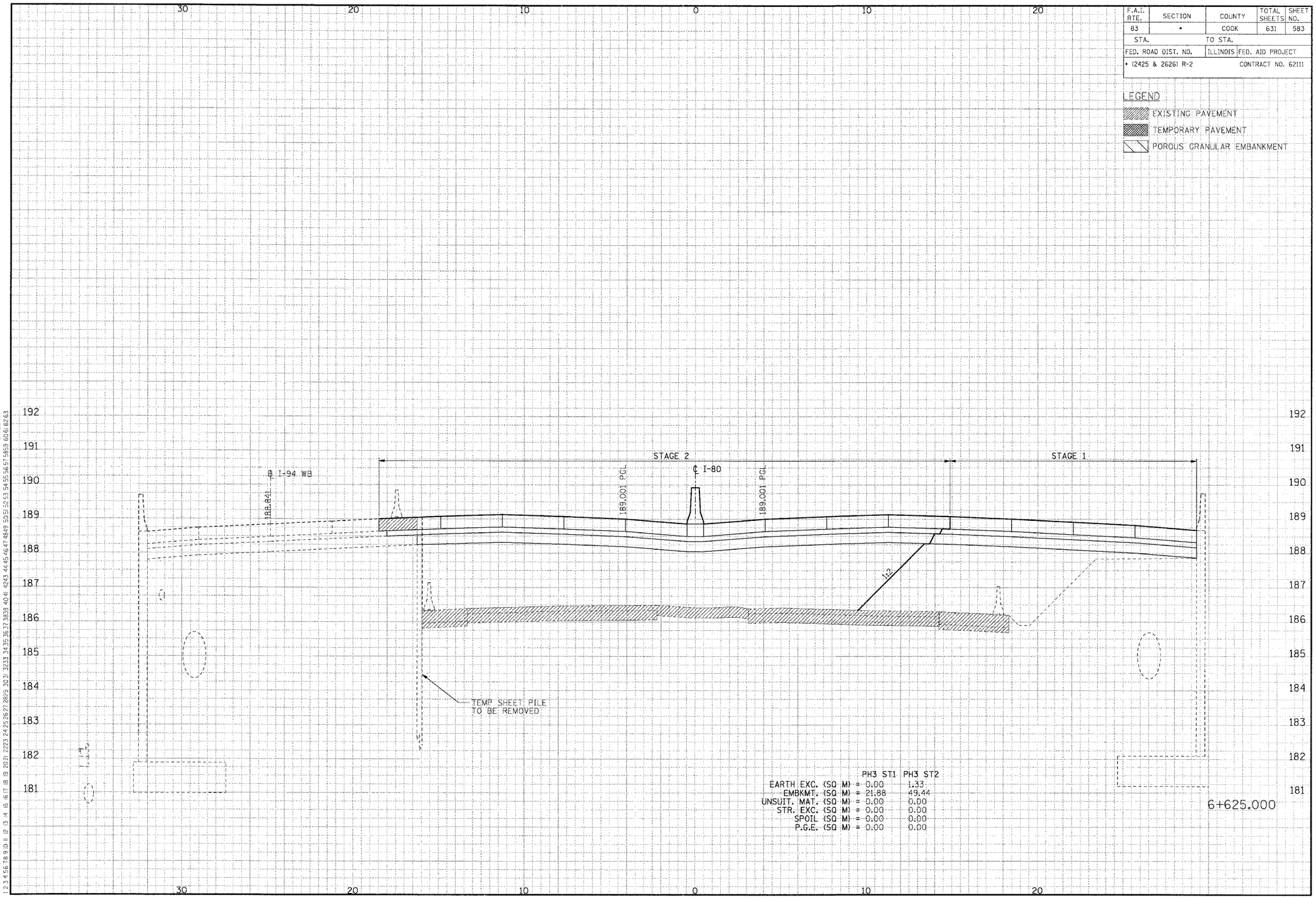
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	583
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.33
EMBKMT. (SQ M) =	21.88	49.44
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

FINAL SURVEY NOTE BOOK
SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY DATE
NO.
..\VR99002A.DGN ..\VP170012A.DGN ..\VP170032A.DGN ..\XW170032A.DGN ..\SL99R002A.DGN ..\VW30002A.DGN ..\VR170022A.DGN ..\TR177022A.DGN
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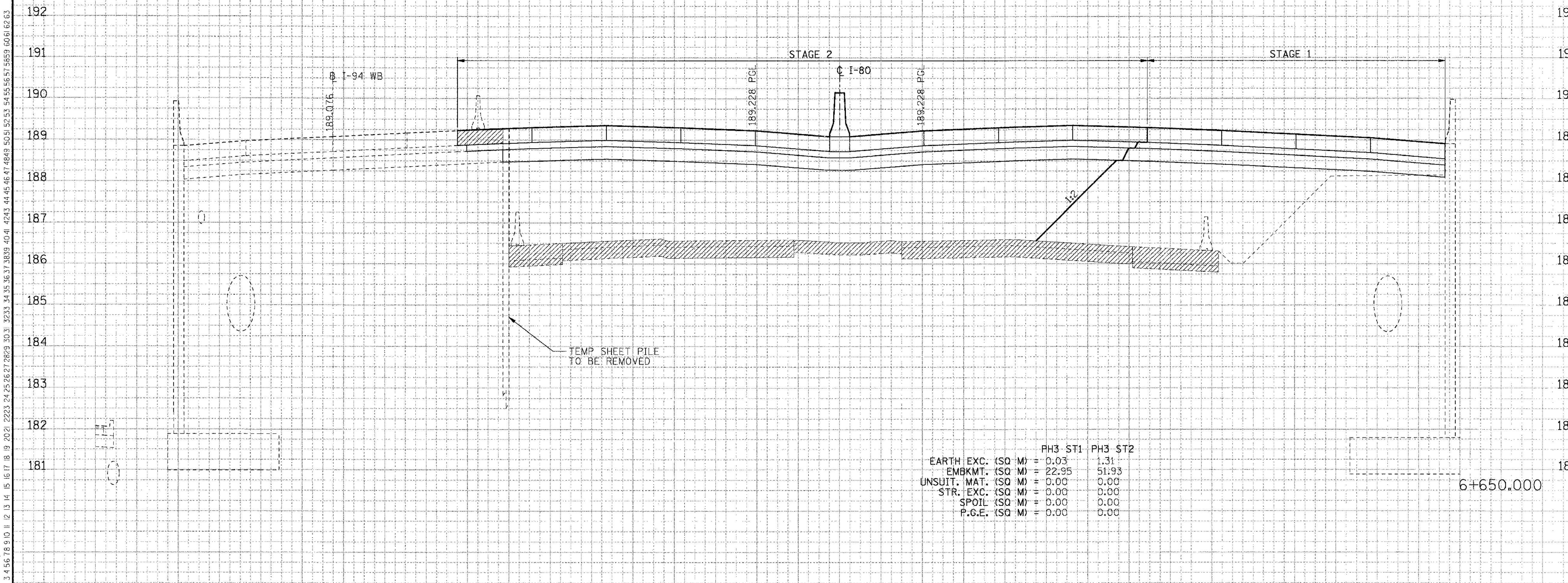
ORIGINAL SURVEY NOTE BOOK
SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY DATE
NO.
..\VR99002A.DGN ..\VP170012A.DGN ..\VP170032A.DGN ..\XW170032A.DGN ..\DR93002A.DGN ..\VW30002A.DGN ..\PR99002A.DGN ..\VR30272A.DGN ..\PR93002A.DGN ..\DR93002A.DGN
8-18-2005, jo2b34 T:\DOCUMENT\93750\CIVIL\DGN\VS170032A.DGN BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	584
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.03	1.31
EMBKMT. (SQ M) =	22.95	51.93
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+650.000

CROSS-SECTIONS FOR I-80/94

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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BAJZEKKJ

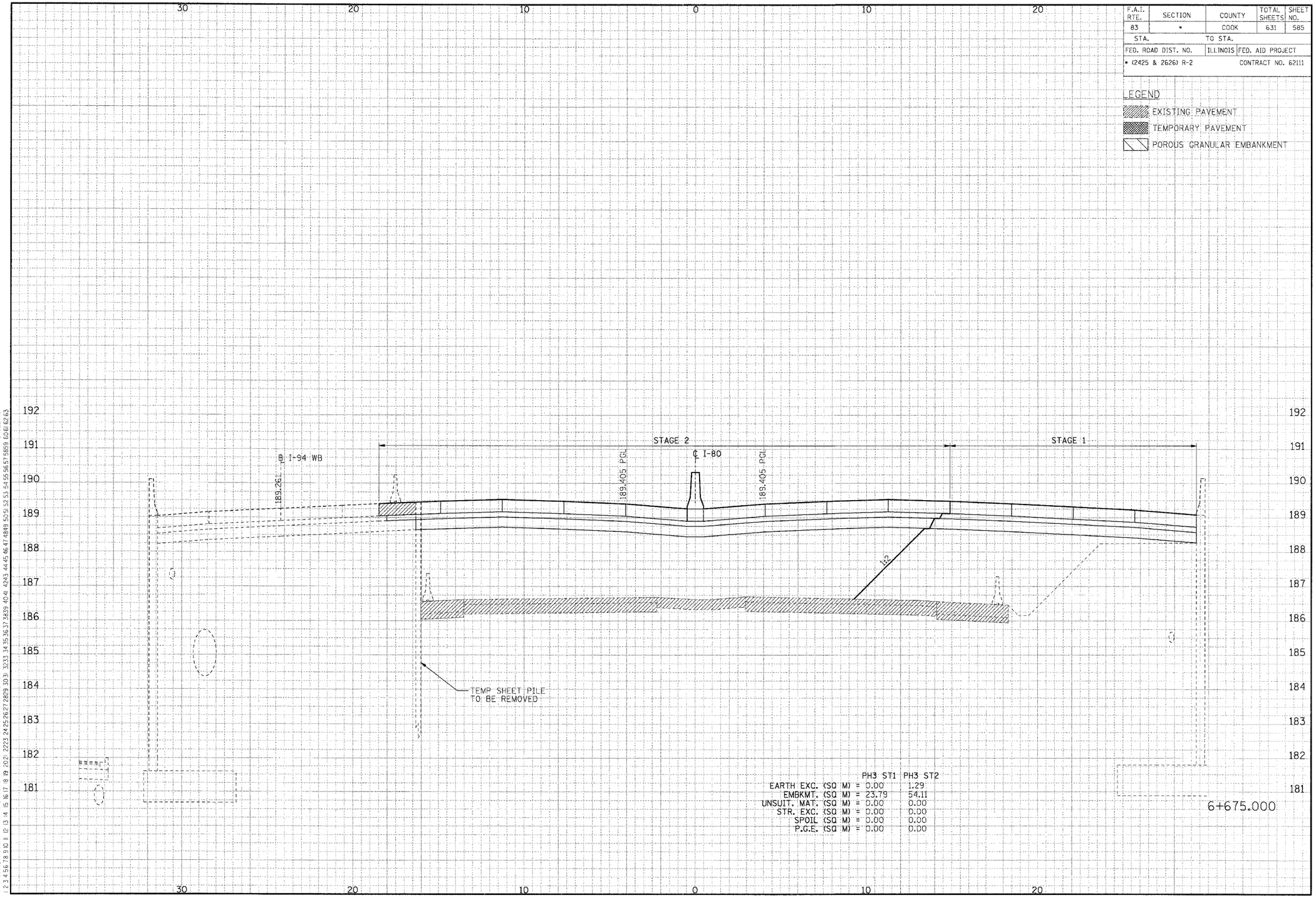
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	585
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.29
EMBKMT. (SQ M) =	23.79	54.11
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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

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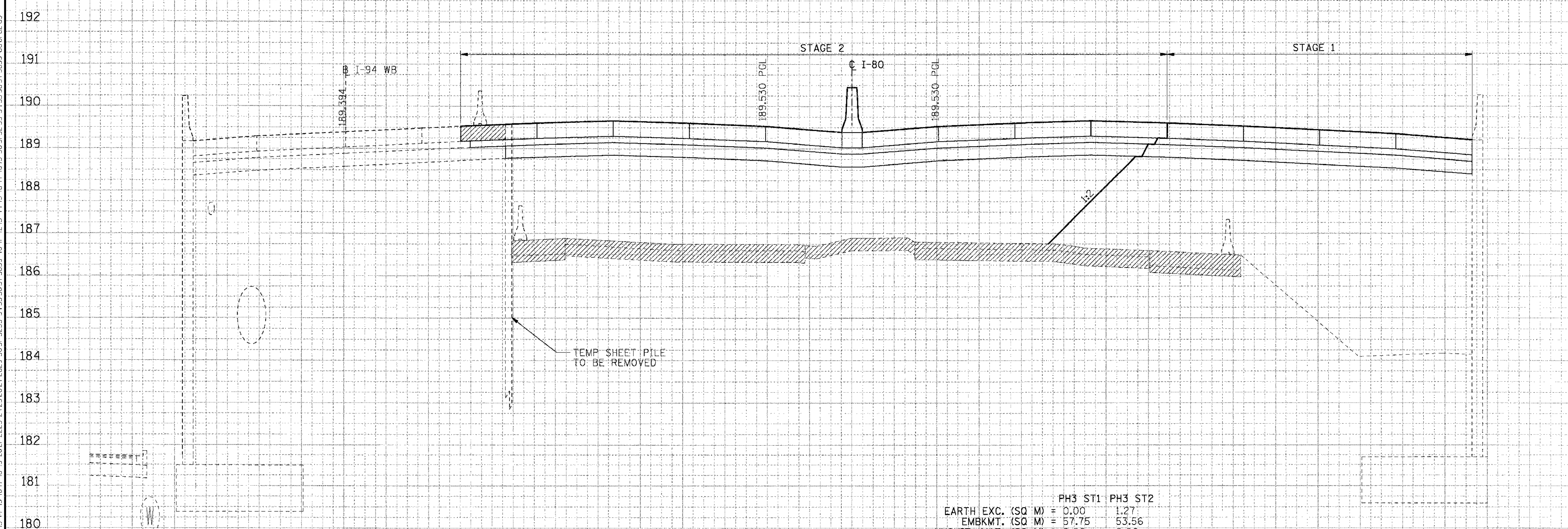
..\XR99002A.DGN ..\XP70002A.DGN ..\XP70032A.DGN ..\XW13002A.DGN ..\XR70022A.DGN ..\XR30022A.DGN ..\XP99002A.DGN ..\XP15002A.DGN ..\DR30032A.DGN
BAJEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	586
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.27
EMBKMT. (SQ M) =	57.75	53.56
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+700.000

CROSS-SECTIONS FOR I-80/94

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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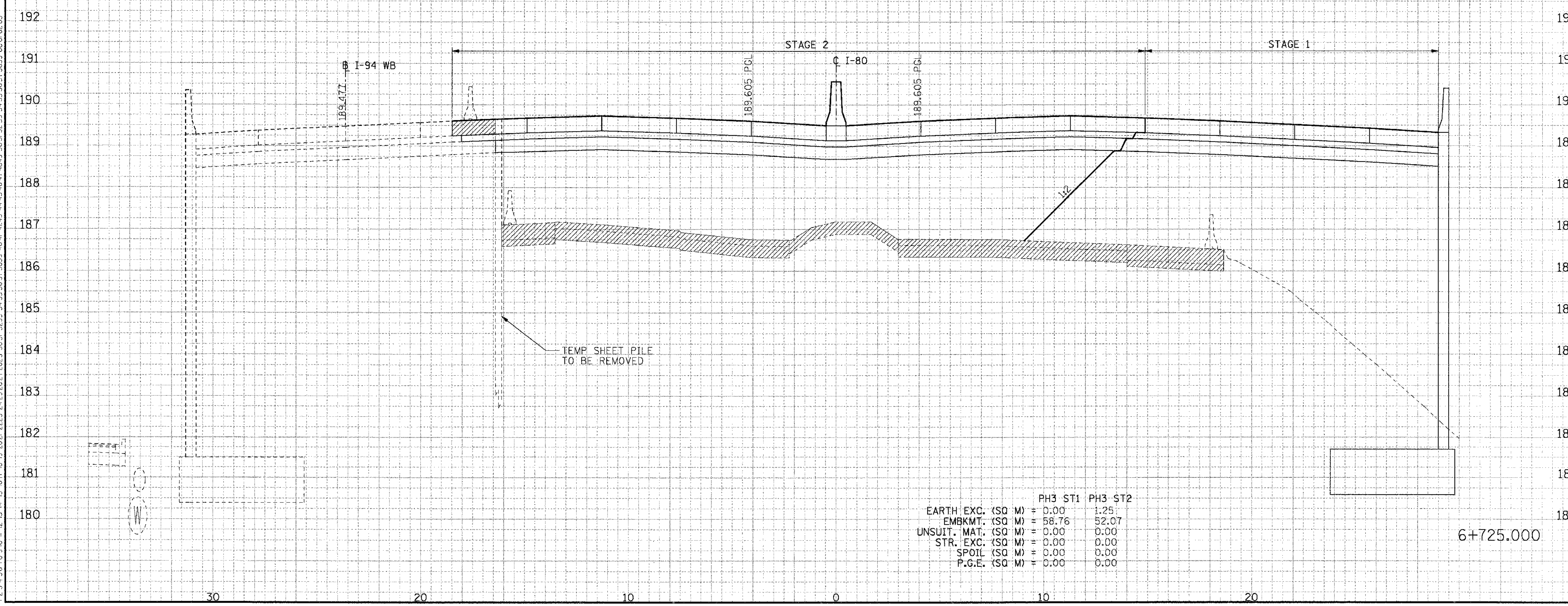
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	587
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	1.25
EMBKMT. (SQ M) =	58.76	52.07
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+725.000

CROSS-SECTIONS FOR I-80/94

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

..\XR99OOI2A.DGN, ..\XPI7OOI2A.DGN, ..\PRI7OOI2A.DGN, ..\XPI7OO32A.DGN, ..\XWI3OOI2A.DGN, ..\HRI7OO22A.DGN, ..\XRI3OO22A.DGN, ..\PR99OOI2A.DGN, ..\PRI3OOI2A.DGN, ..\DRI3OO32A.DGN, ..\XWI7OO32A.DGN, ..\SL99ROI2A.DGN, ..\IC99ROI2A.DGN, ..\TRI77O22A.DGN
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 2021 2223 2425 2627 2829 3031 3233 34 35 36 37 3839 4041 4243 44 45 46 47 4849 5051 5253 5455 5657 5859 6061 6263

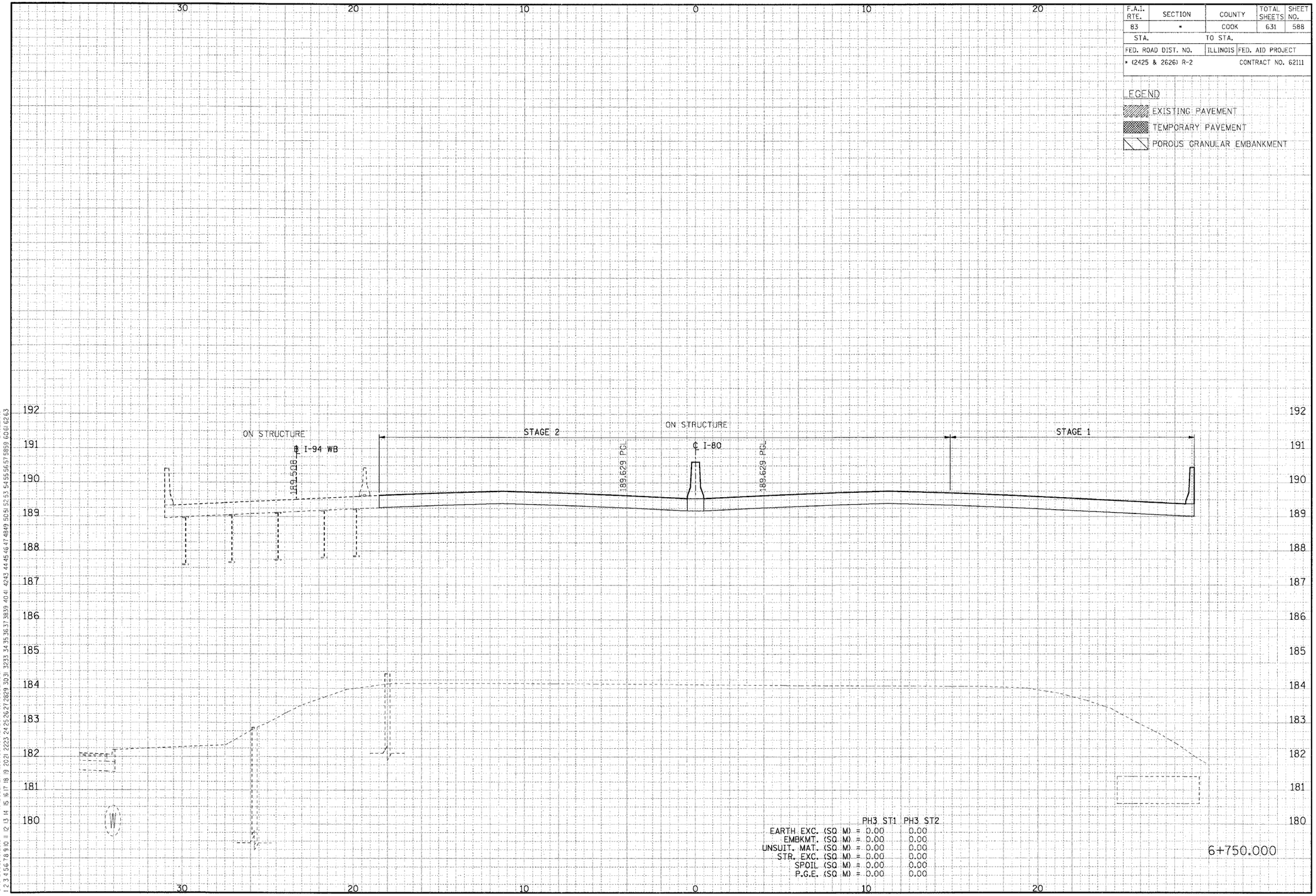
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	588
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+750.000

CROSS-SECTIONS FOR I-80/94

..\VR9900I2A.DGN, ..\VP1700I2A.DGN, ..\VR1700I2A.DGN, ..\VP1700J2A.DGN, ..\VP1700J2A.DGN, ..\VW1700J2A.DGN, ..\DR1500J2A.DGN, ..\VW1700J2A.DGN, ..\VR1300I2A.DGN, ..\VR1700I2A.DGN, ..\VR1300J2A.DGN, ..\VP9900I2A.DGN, ..\VR1300I2A.DGN, ..\VR1300J2A.DGN
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8AJZEKKJ
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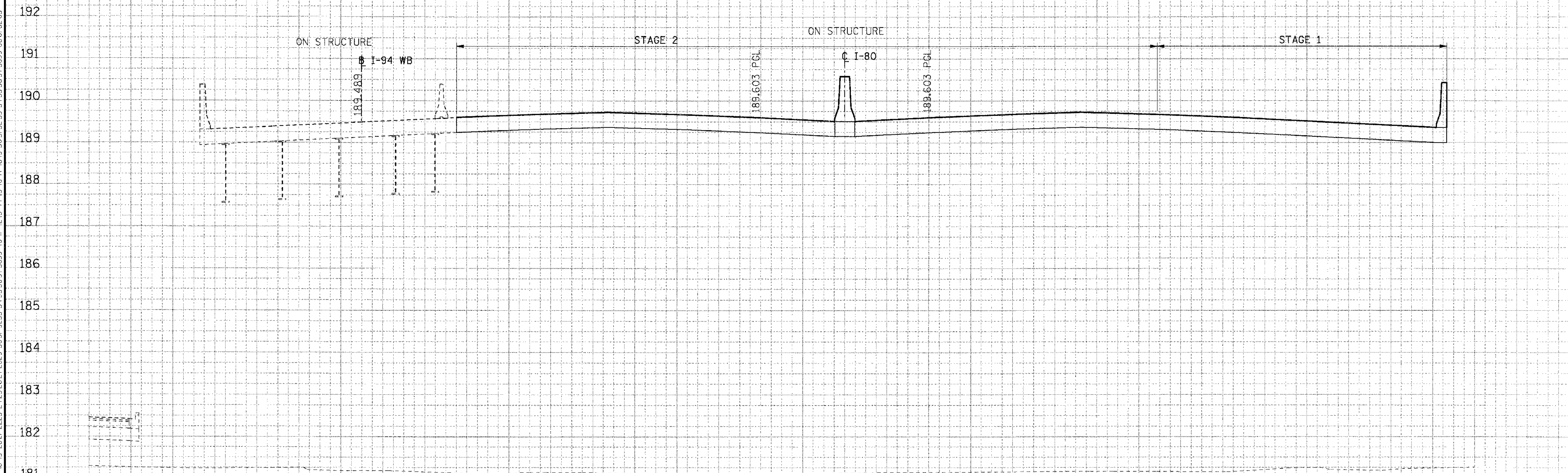
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	589
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+775.000

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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CROSS-SECTIONS FOR I-80/94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	590
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

TEMPORARY PAVEMENT

POROUS GRANULAR EMBANKMENT

ON STRUCTURE

℄ I-94 WB

189.419

STAGE 2

189.525 PGL

ON STRUCTURE

℄ I-80

189.525 PGL

STAGE 1

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

6+800.000

CROSS-SECTIONS FOR I-80/94

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

..\VR99002A.DGN, ..\VP17002A.DGN, ..\VP17002A.DGN, ..\VR13002A.DGN, ..\VR13002A.DGN, ..\VR99002A.DGN, ..\VR13002A.DGN, ..\VR17002A.DGN, ..\VP17003A.DGN, ..\XW13002A.DGN, ..\XR13002A.DGN, ..\HR17002A.DGN, ..\PR99002A.DGN, ..\VR13002A.DGN, ..\SL99R02A.DGN, ..\G99R02A.DGN, ..\TR77022A.DGN

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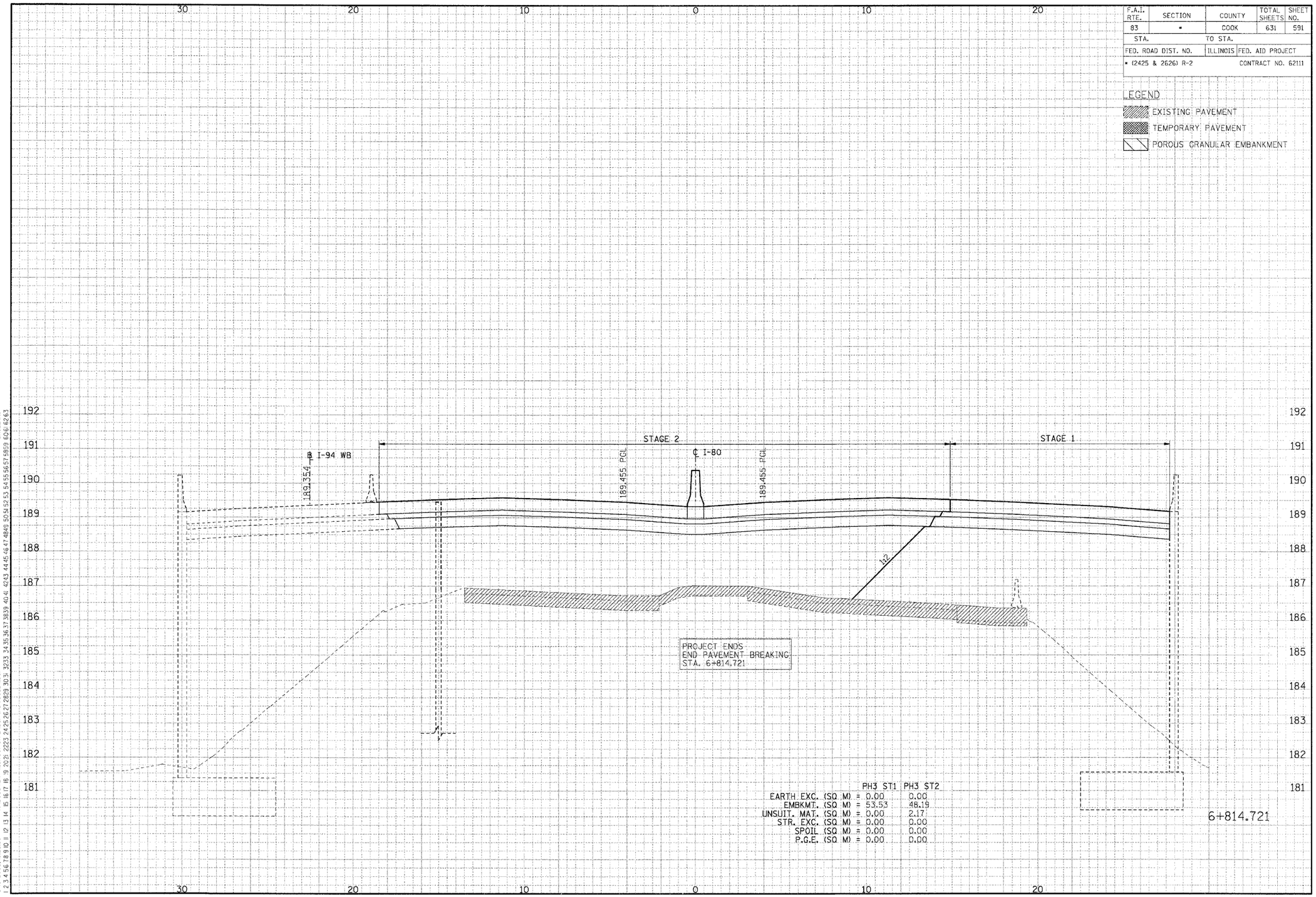
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	591
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

- EXISTING PAVEMENT
- TEMPORARY PAVEMENT
- POROUS GRANULAR EMBANKMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	53.53	48.19
UNSUIT. MAT. (SQ M) =	0.00	2.17
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00
P.G.E. (SQ M) =	0.00	0.00

CROSS-SECTIONS FOR I-80/94

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..\X899002A.DGN, ..\XP170029A.DGN, ..\XPR70029A.DGN, ..\VPR70029A.DGN, ..\VP170032A.DGN, ..\VW130032A.DGN, ..\VR170022A.DGN, ..\VR130022A.DGN, ..\PR990029A.DGN, ..\PR990029A.DGN, BAJEKKJ
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FINAL SURVEY	NOTE BOOK	NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED	BY	DATE
ORIGINAL SURVEY	NOTE BOOK	NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED	BY	DATE

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		

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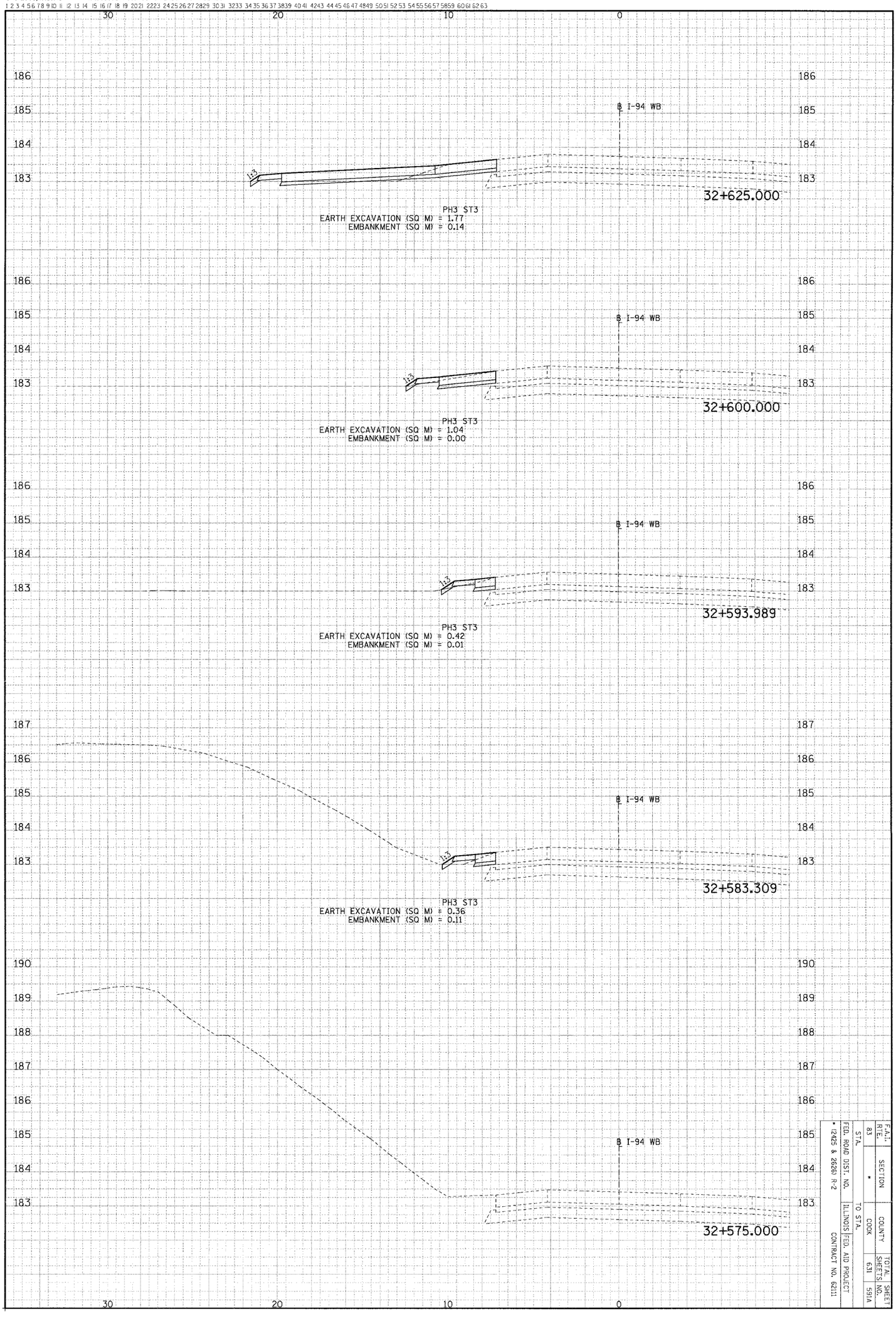

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
83	*	COOK	631 591A

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
STA.	TO STA.
* 12425 & 26261 R-2	CONTRACT NO. 62111

ACCIDENT INVESTIGATION SITE WB I-94

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		

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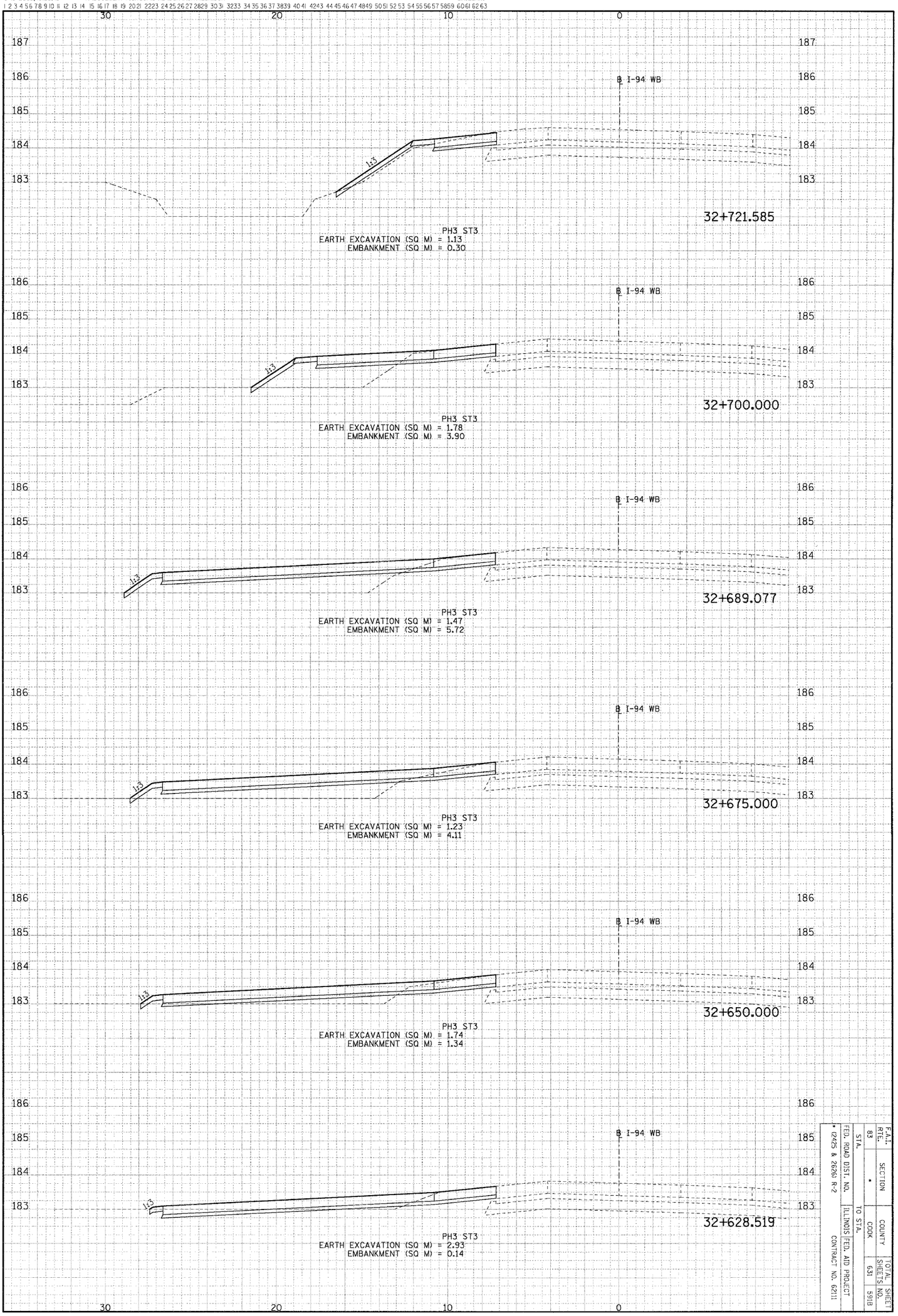

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
83	*	COOK
STA.	TO STA.	COUNTY
* (2425 & 2626) R-2		631
CONTRACT NO. 62111		591B

FAI RTE. 83 | SECTION | TOTAL SHEETS | SHEET NO.

ACCIDENT INVESTIGATION SITE WB I-94

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	591C
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

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

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ACCIDENT INVESTIGATION SITE WB I-94

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		

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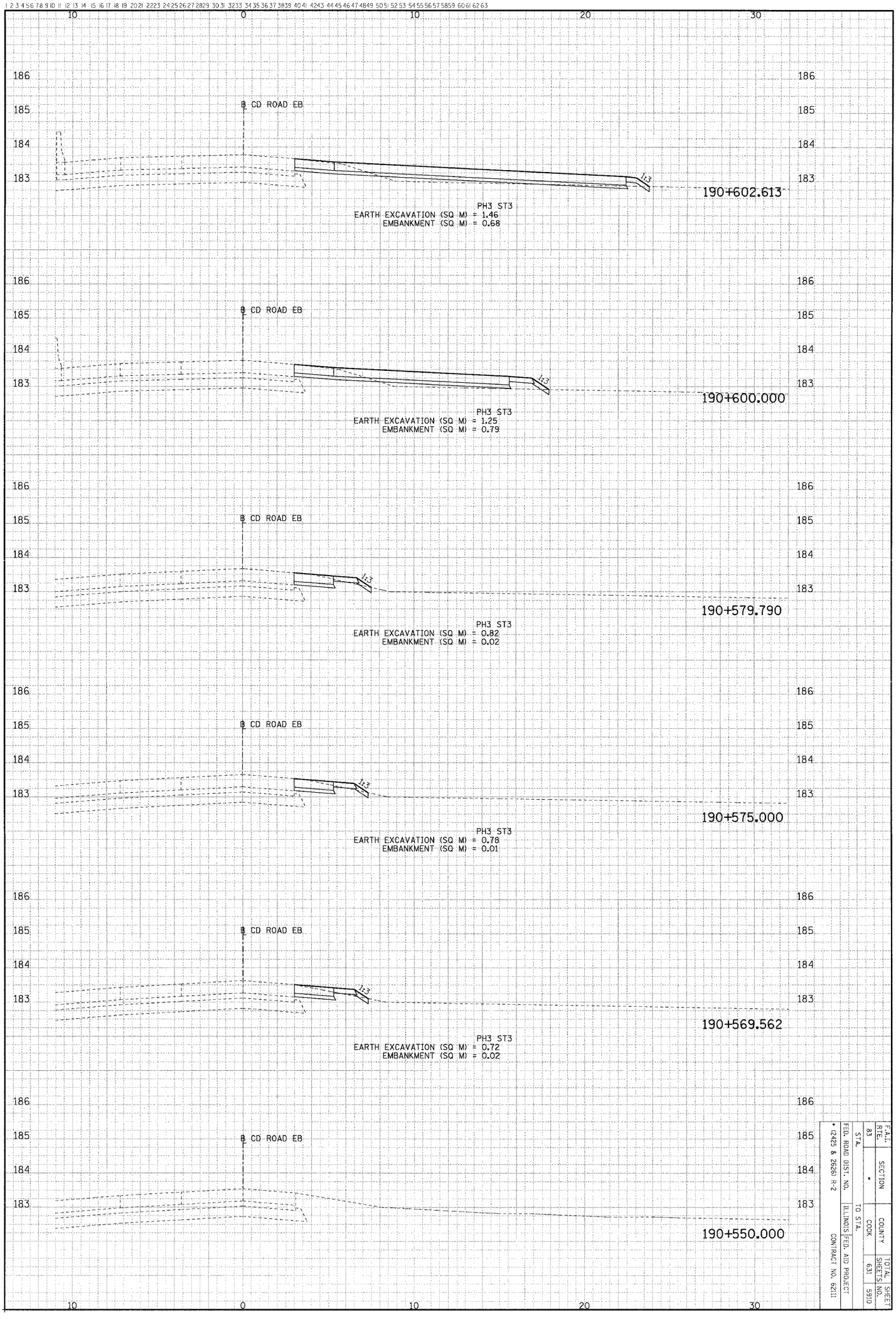

ACCIDENT INVESTIGATION SITE EB CD ROAD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
83	*	COOK	631 591D
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111	

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		

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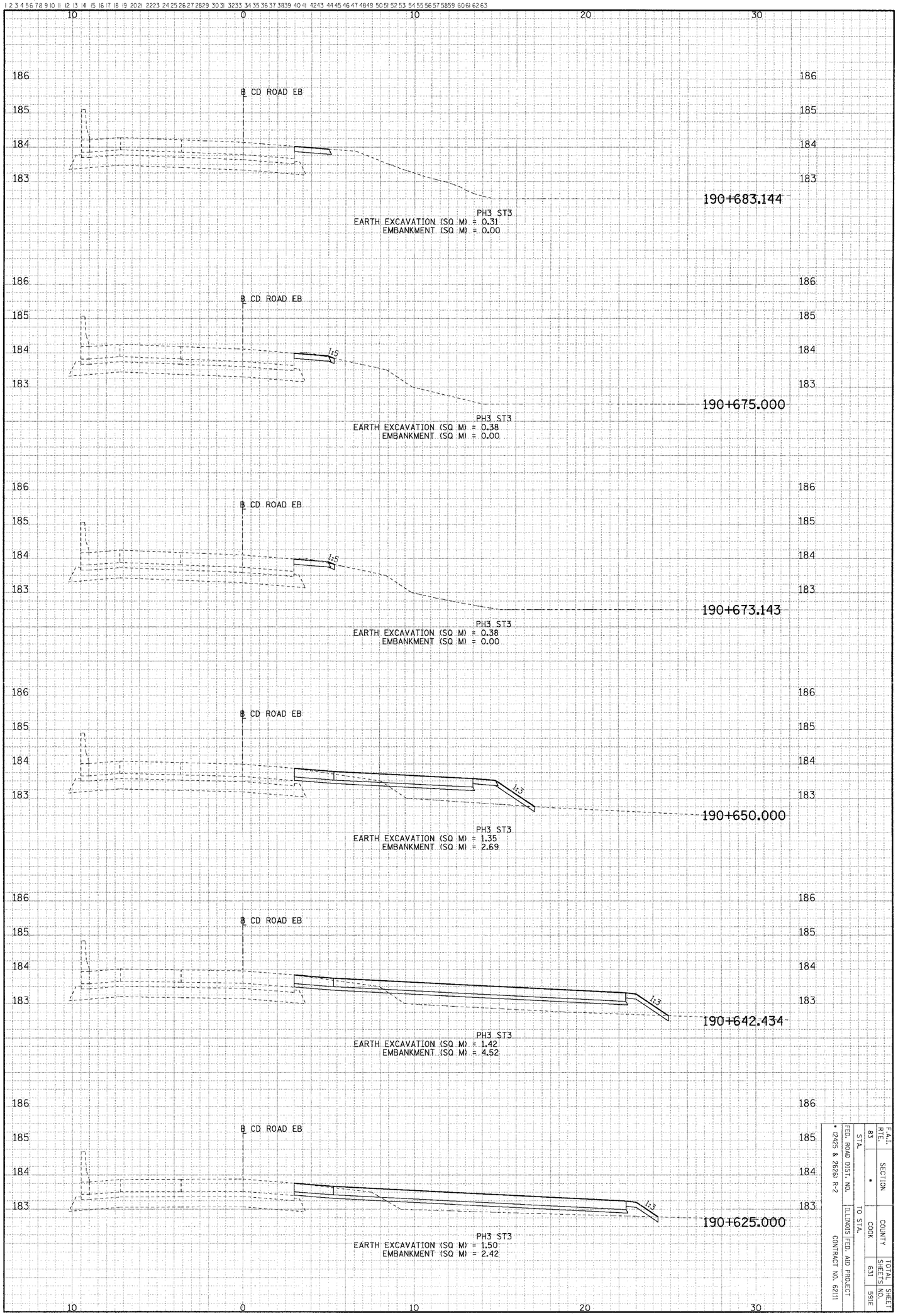

F.A.I.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	591E

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
STA. TO STA.
* (2425 & 2626) R-2
CONTRACT NO. 62111

ACCIDENT INVESTIGATION SITE EB CD ROAD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	591F
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2		CONTRACT NO. 62111		

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

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

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BAJZEKKJ

ACCIDENT INVESTIGATION SITE EB CD ROAD

190+700.000

190+696.720

EB CD ROAD EB

EB CD ROAD EB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	592
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2424 & 2626)R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

RAILROAD AVE. BRIDGE
SN 016-2792
(SEE STRUCTURAL PLANS)

℄ RAILROAD AVE

183.222

2 %

PH3 ST2
EARTH EXC. (SQ M) = 12.02
EMBKMT. (SQ M) = 15.25
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 8.46
SPOIL (SQ M) = 4.40

LIMITS OF STR. EXC. (TYP.)

LIMITS OF STR. EXC. (TYP.)

300+025.000

℄ RAILROAD AVE

183.290

0.4 %

0.9 %

5 %

1:2

PH3 ST2
EARTH EXC. (SQ M) = 28.57
EMBKMT. (SQ M) = 0.00
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

SS-2496
300 mm
INVERT 181.985

300+010.360

CROSS-SECTIONS FOR RAILROAD AVENUE

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

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8-18-2004, 102857
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BAJEKKJ
ST5859 60161263

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	593
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2424 & 2626)R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

RAILROAD AVE. BRIDGE
SN 016-2792
(SEE STRUCTURAL PLANS)

℄ RAILROAD AVE

183.267

2 %

PH3 ST2
EARTH EXC. (SQ M) = 11.47
EMBKMT. (SQ M) = 28.61
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 8.42
SPOIL (SQ M) = 4.41

LIMITS OF STR. EXC. (TYP.)

LIMITS OF STR. EXC. (TYP.)

300+036.121

CROSS-SECTIONS FOR RAILROAD AVENUE

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

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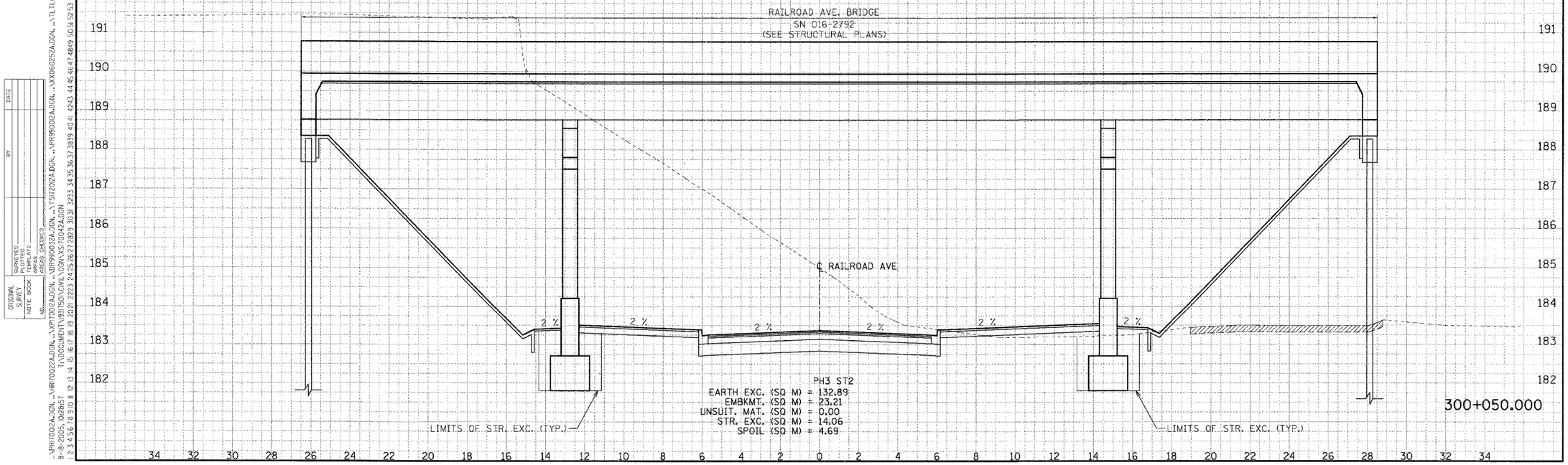
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	594
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2424 & 2626)R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



CROSS-SECTIONS FOR RAILROAD AVENUE

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

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BAJZEKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	595
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2424 & 2626)R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

RAILROAD AVE. BRIDGE
SN 016-2792
(SEE STRUCTURAL PLANS)

℄ RAILROAD AVE

3.235

2 %

PH3 ST1
EARTH EXC. (SQ M) = 18.17
EMBKMT. (SQ M) = 26.79
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 8.96
SPOIL (SQ M) = 4.56

LIMITS OF STR. EXC. (TYP.)

LIMITS OF STR. EXC. (TYP.)

300+075.000

CROSS-SECTIONS FOR RAILROAD AVENUE

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

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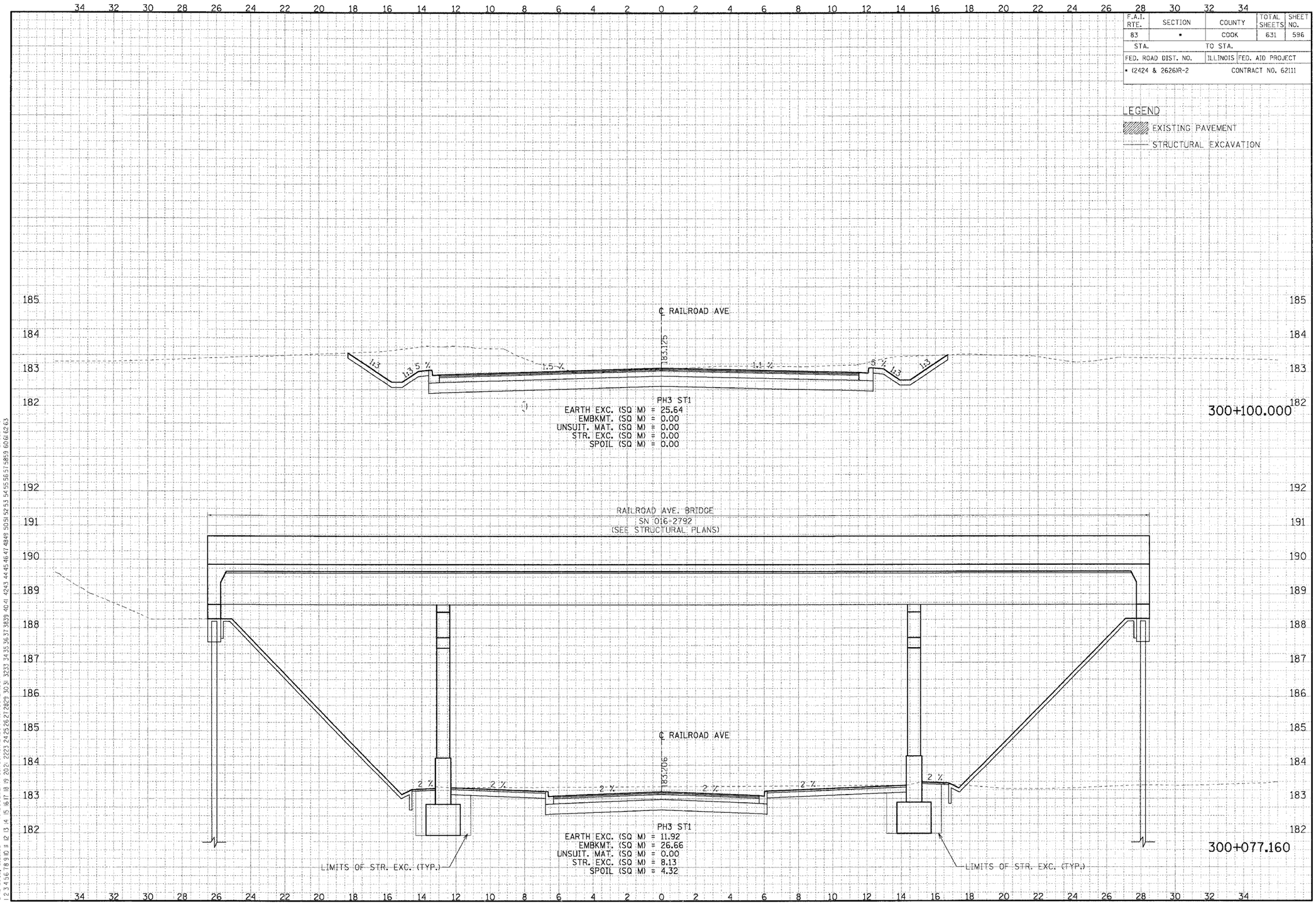
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	596
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2424 & 2626)R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



CROSS-SECTIONS FOR RAILROAD AVENUE

FINAL SURVEY: NOTE BOOK — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY: NOTE BOOK — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED — BY — DATE

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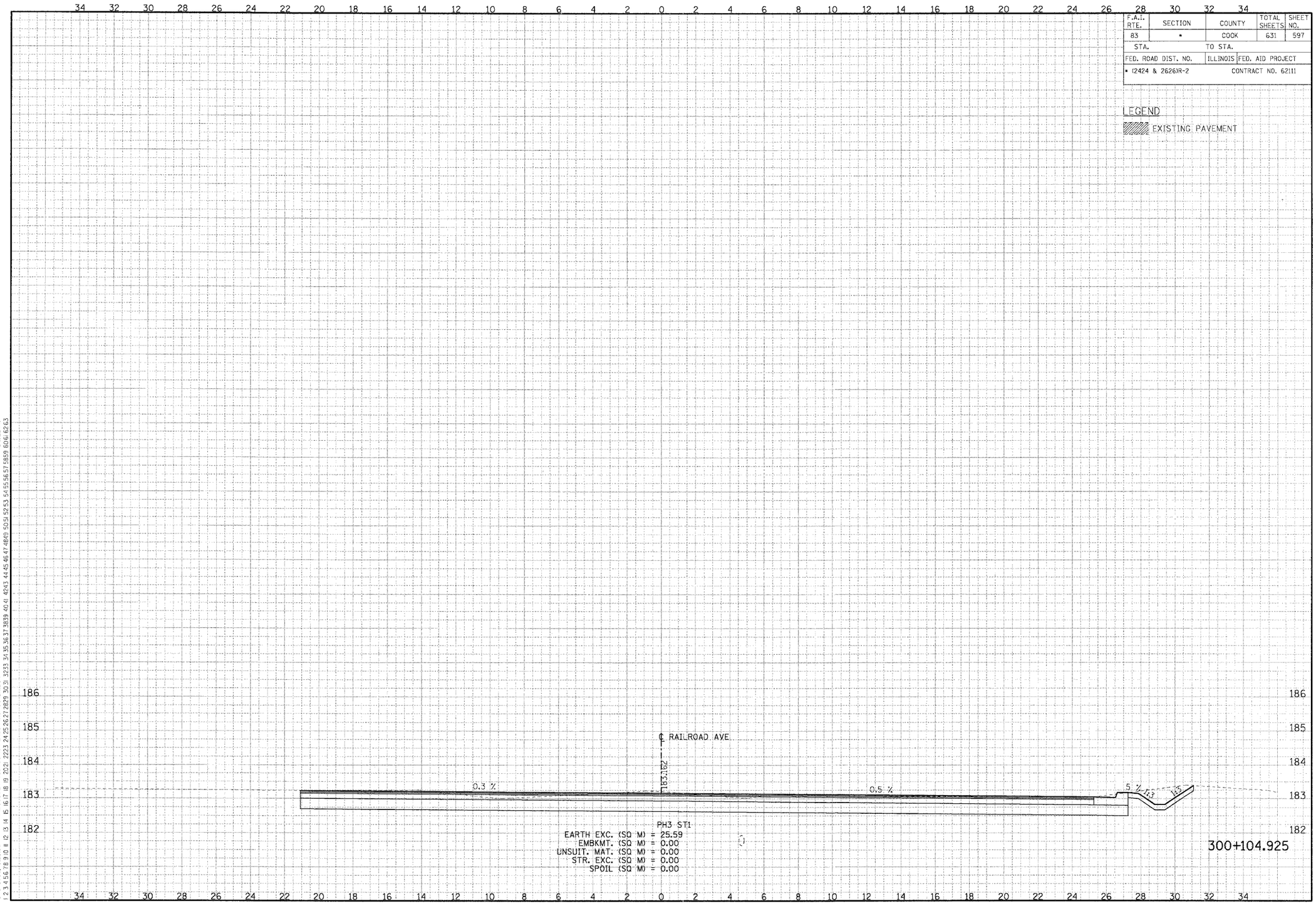
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	597
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2424 & 2626)R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR RAILROAD AVENUE

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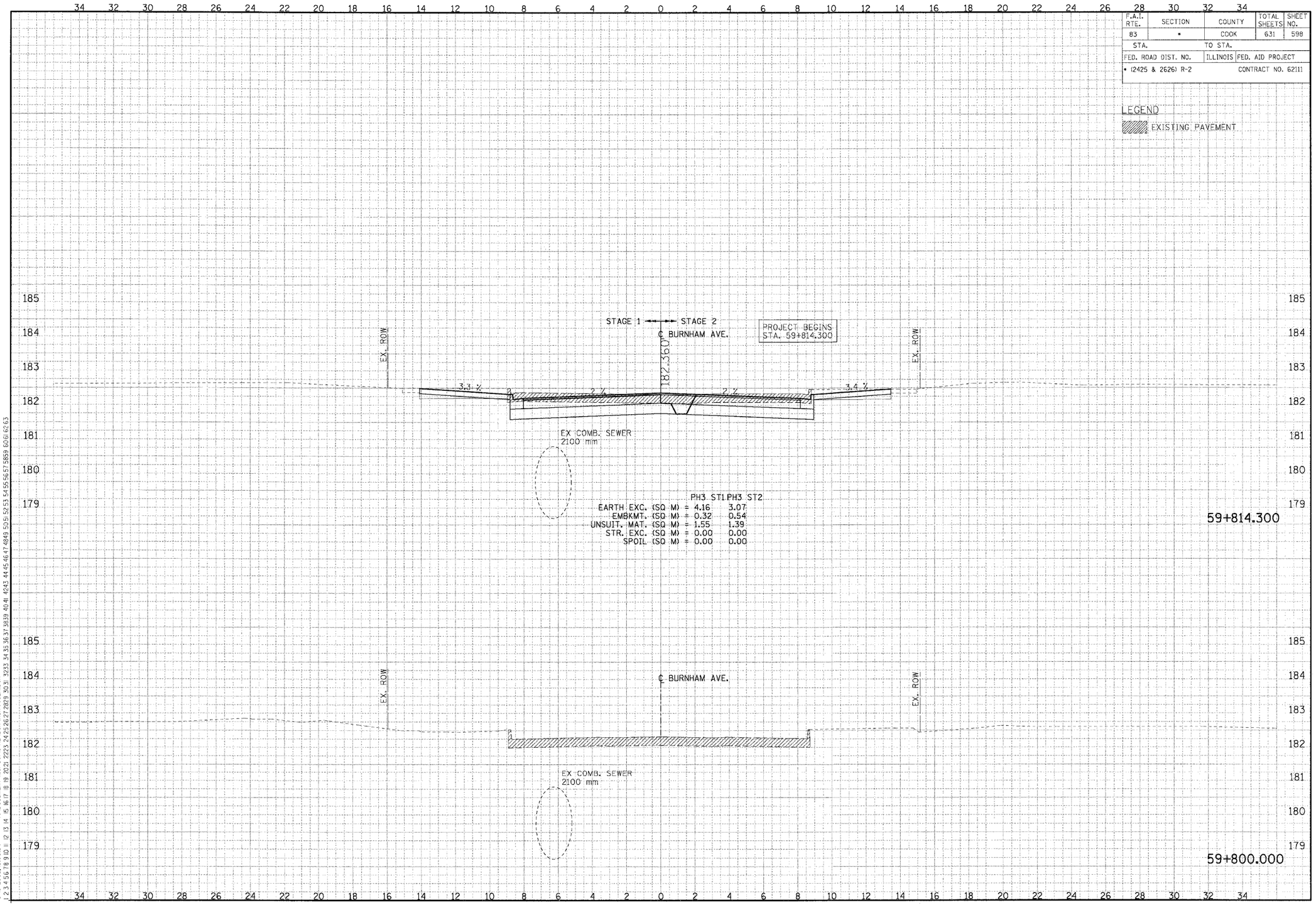
BAJZEKJ
55565715859 606 6263

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	598
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

BY	DATE

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

BY	DATE

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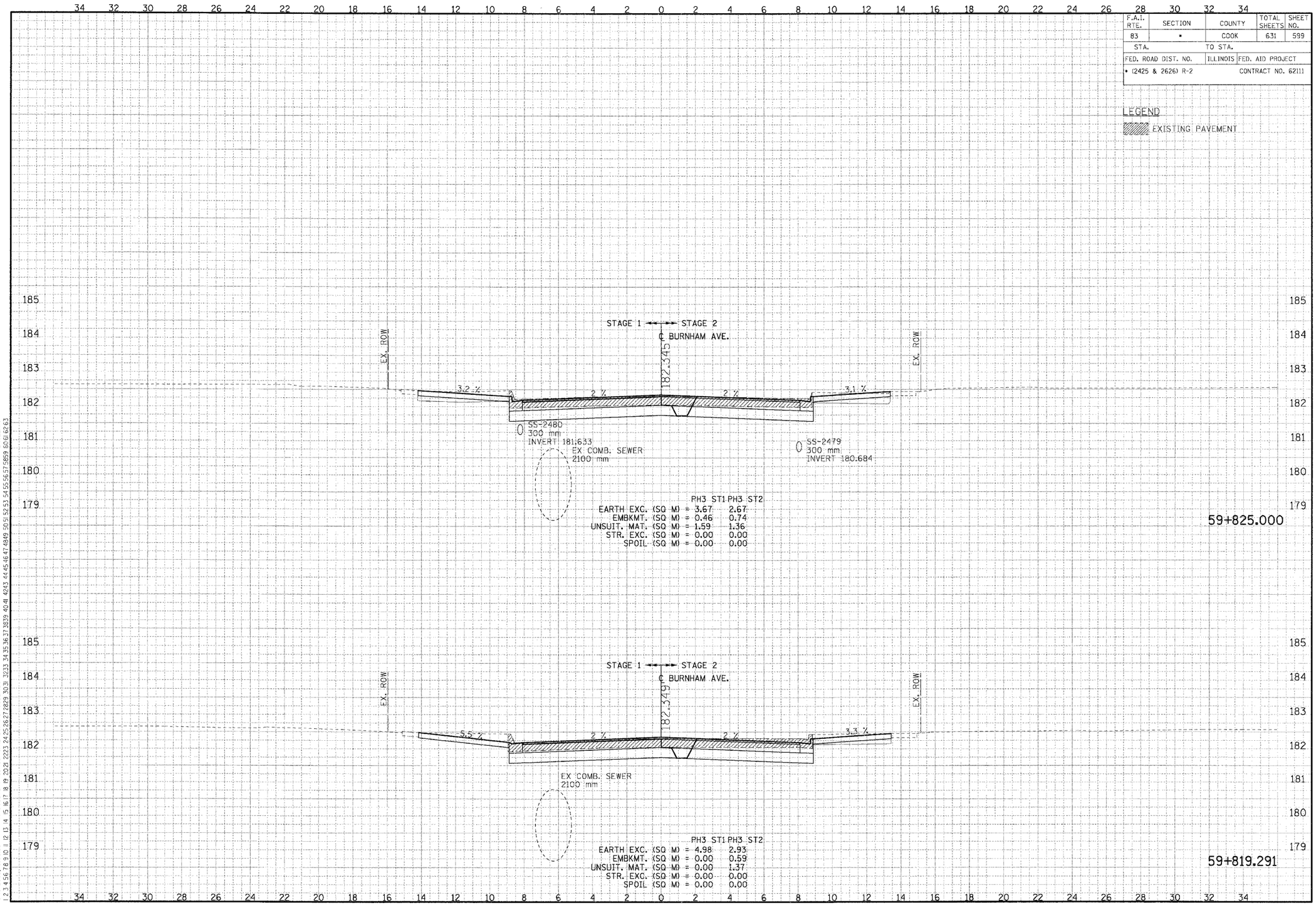
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	599
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

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

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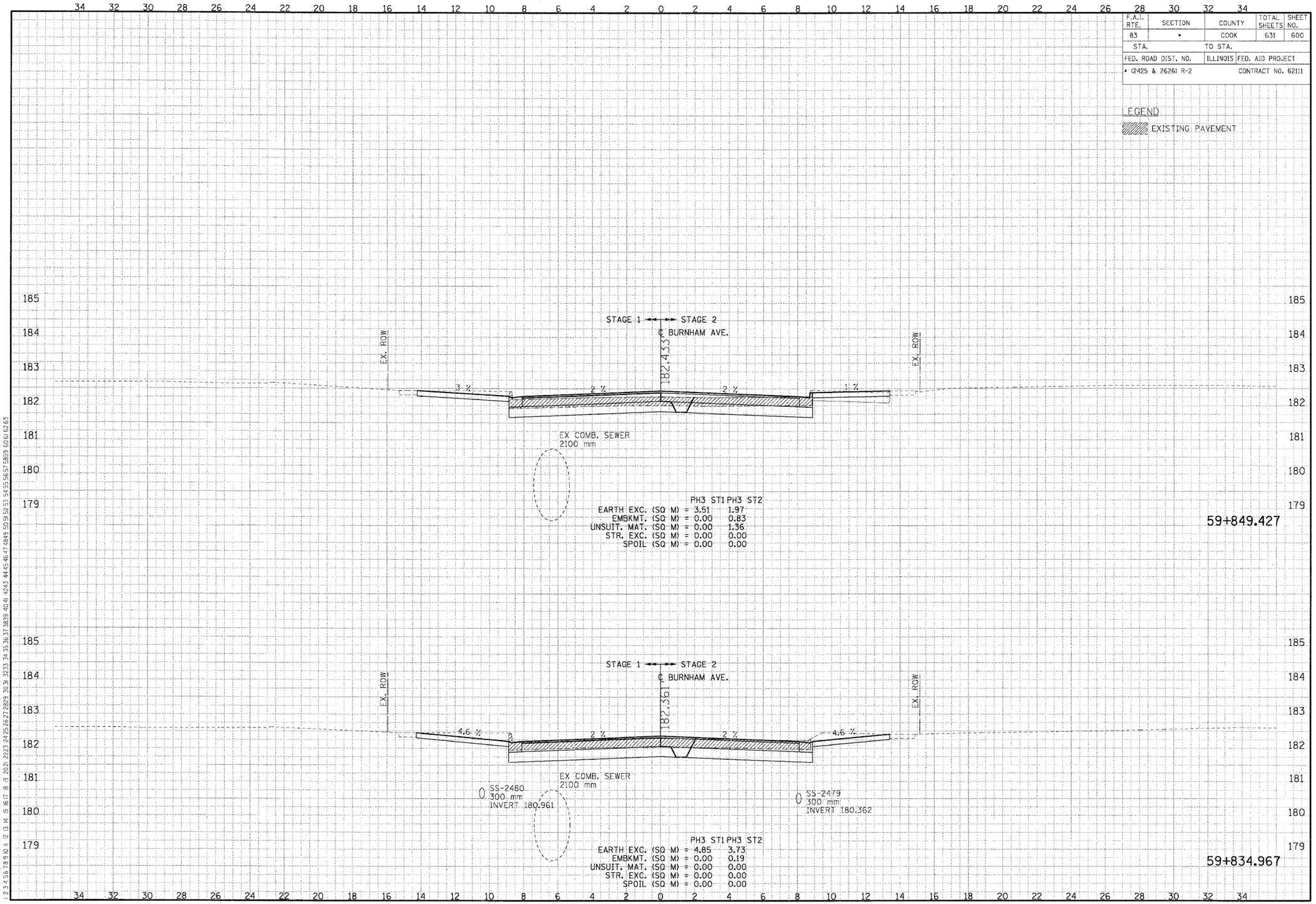
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	600
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

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

..\VR1T0022A.DGN, ..\PRT0092A.DGN, ..\VR9900J2A.DGN, ..\PR3001ZA.DGN, ..\PR3001ZA.DGN, ..\RR1T0012A.DGN, ..\VR1T0042A.DGN
8-19-2005, 15:08:25 T:\DOCUMENT\53150\CIVIL\DGN\XS1T0052A.DGN BAJZEKJ
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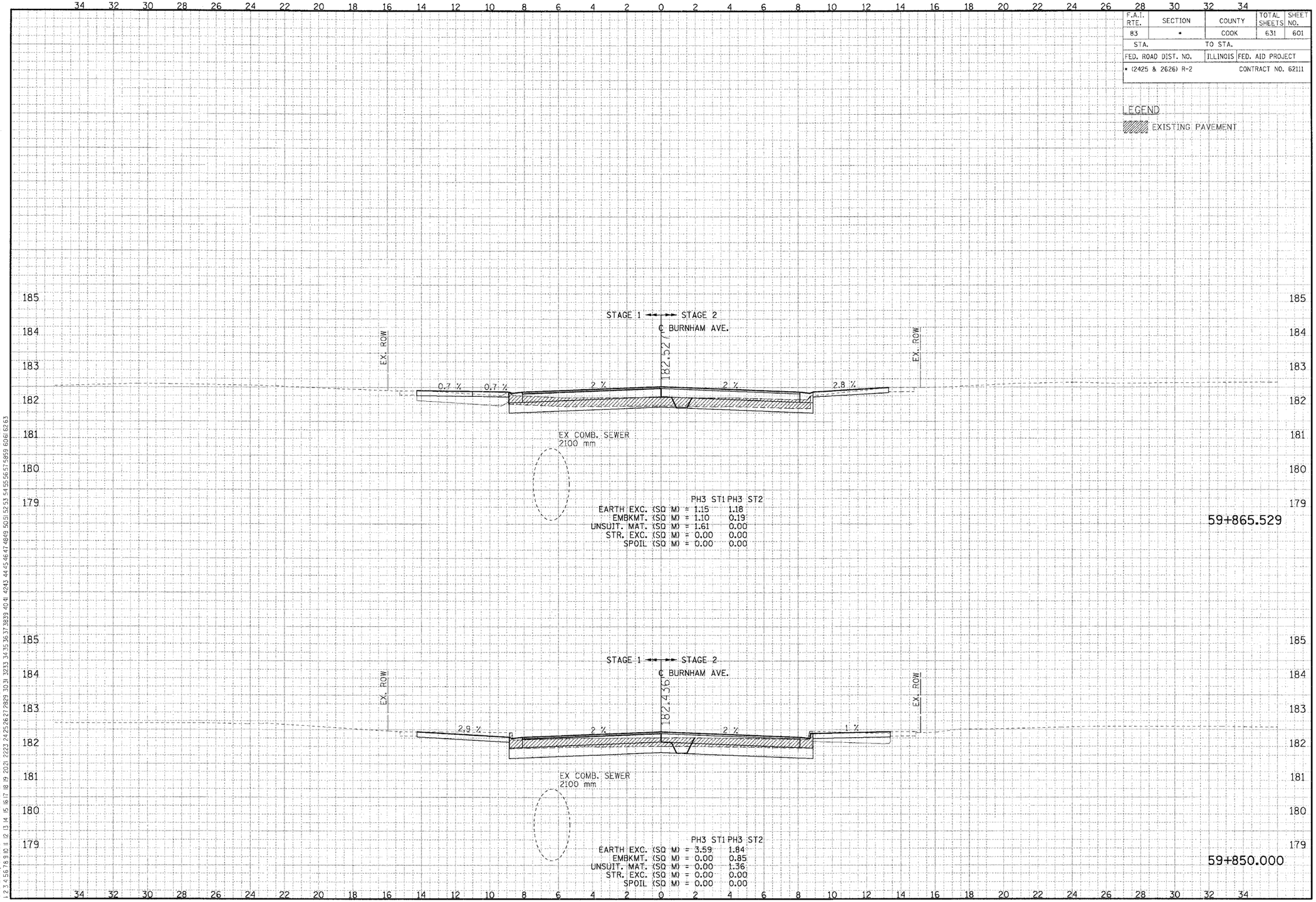
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	601
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

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8-19-2005, 13:08:55 BAJZEKKJ

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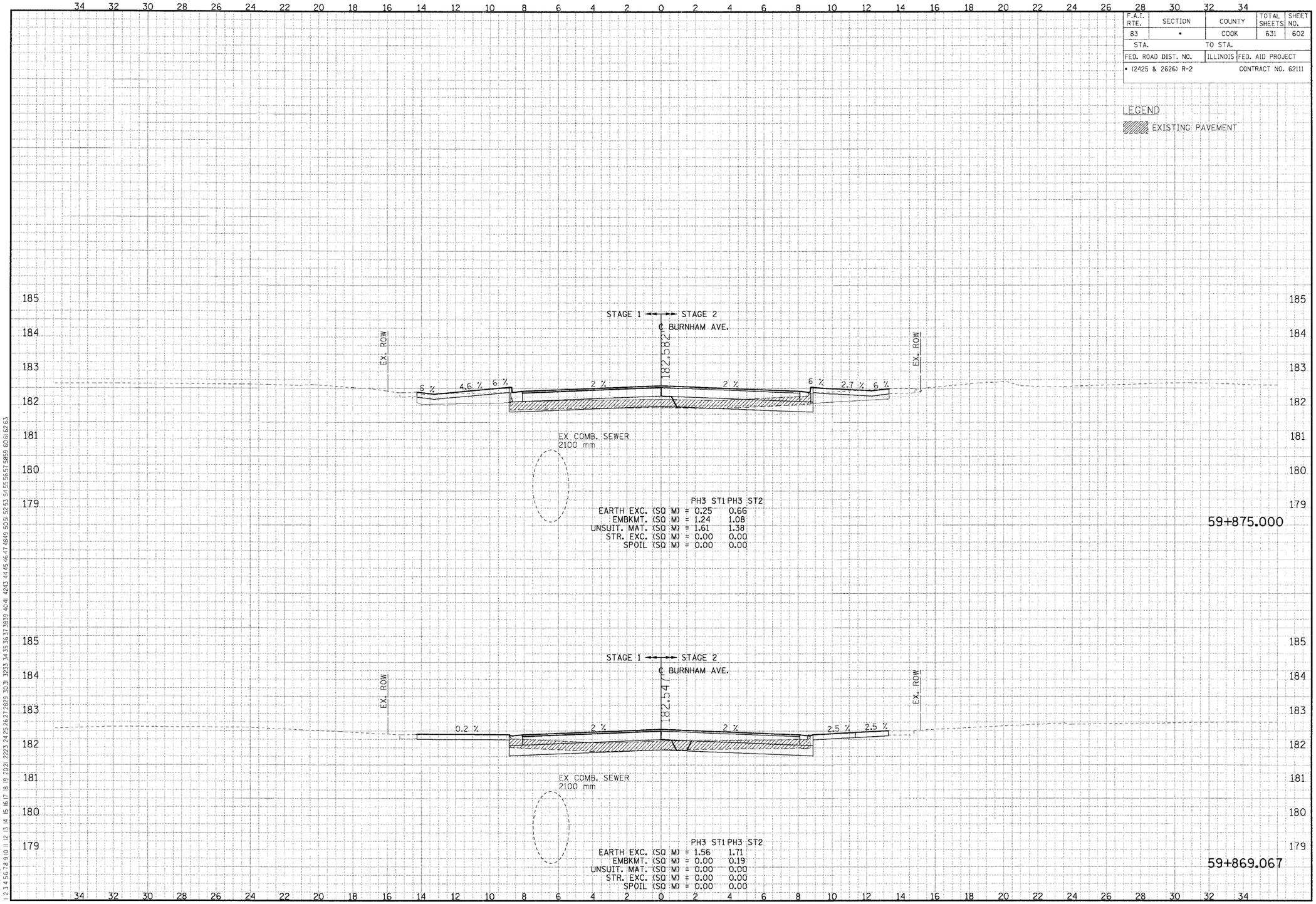
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	602
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

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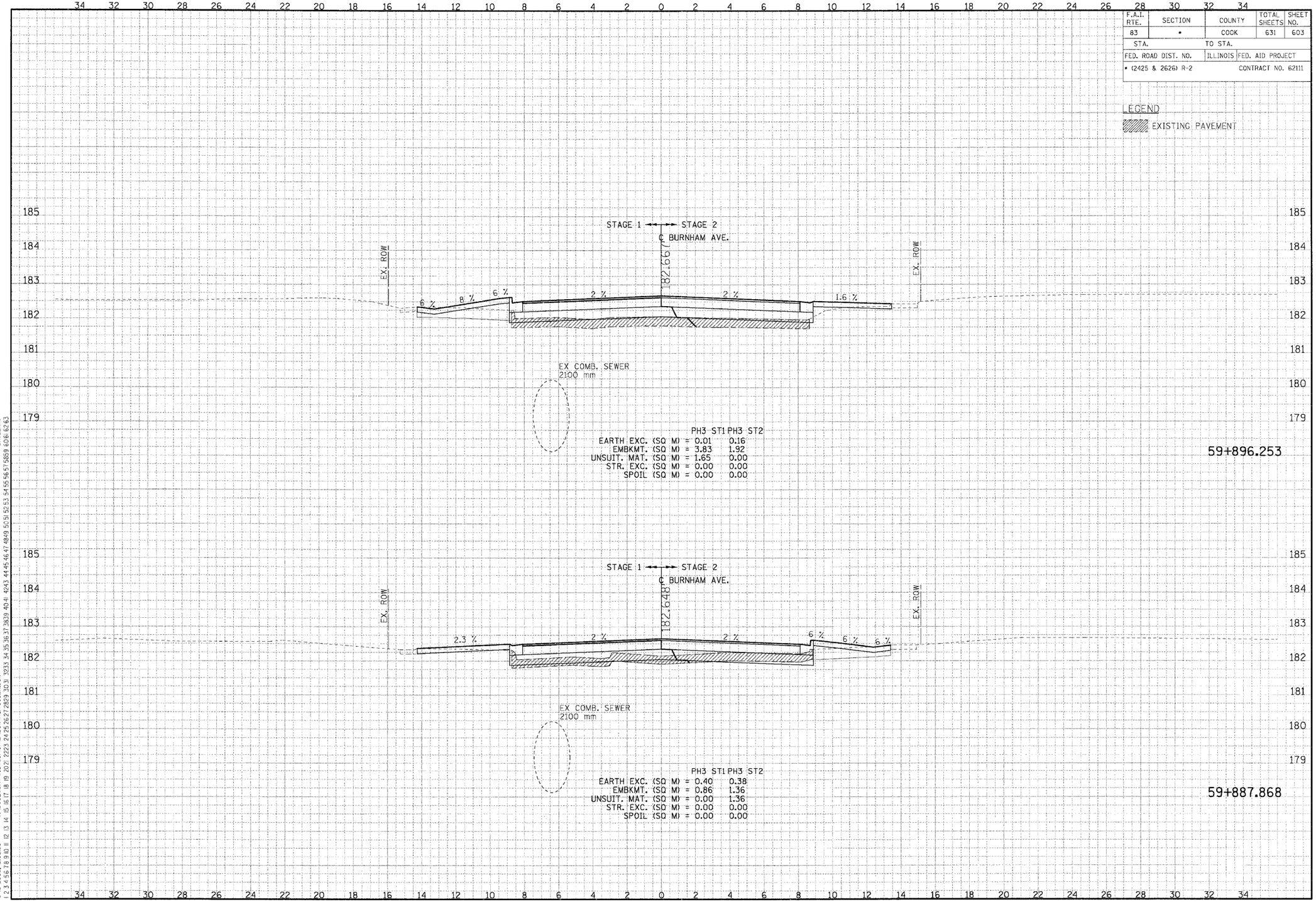
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	603
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NO.
SURFACED
SURFACE
TEMPLATE
AREAS CHECKED
BY
DATE

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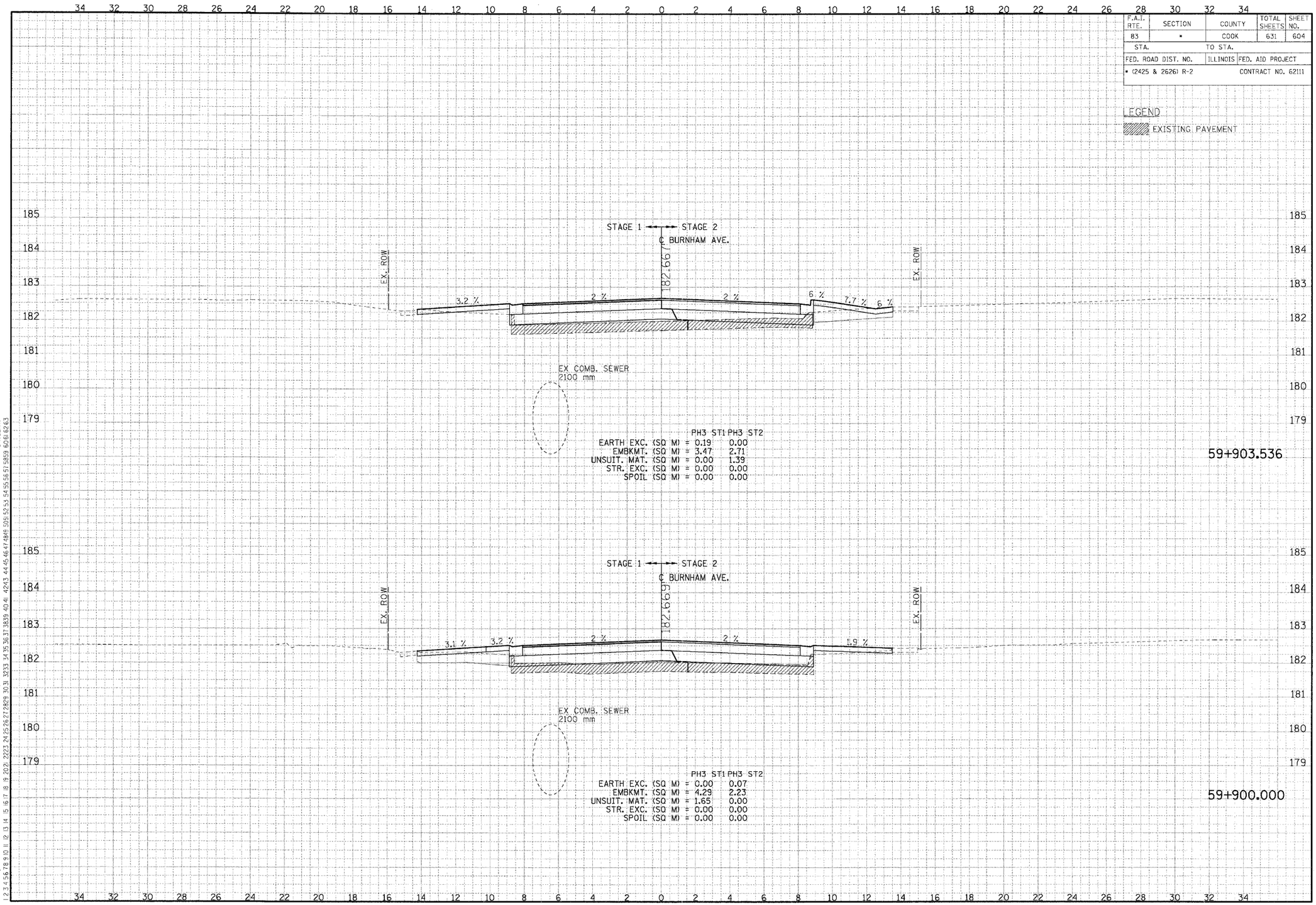
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	604
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

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

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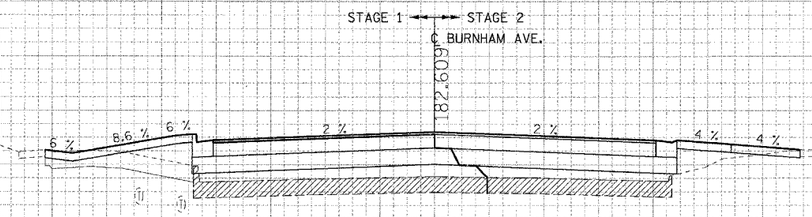
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	605
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

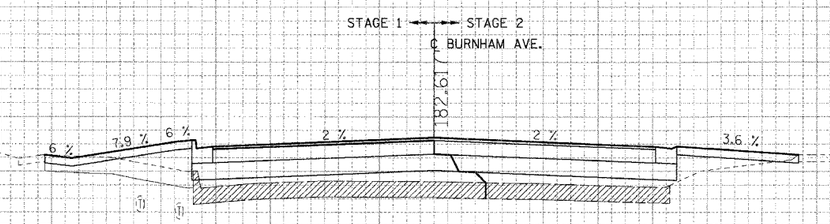
LEGEND

EXISTING PAVEMENT



PH3 ST1 PH3 ST2
EARTH EXC. (SQ M) = 0.00 0.11
EMBKMT. (SQ M) = 6.99 3.91
UNSUIT. MAT. (SQ M) = 1.62 0.00
STR. EXC. (SQ M) = 0.00 0.00
SPOIL (SQ M) = 0.00 0.00

59+925.000



PH3 ST1 PH3 ST2
EARTH EXC. (SQ M) = 0.00 0.04
EMBKMT. (SQ M) = 6.52 3.94
UNSUIT. MAT. (SQ M) = 1.62 0.00
STR. EXC. (SQ M) = 0.00 0.00
SPOIL (SQ M) = 0.00 0.00

59+922.249

CROSS-SECTIONS FOR BURNHAM AVENUE

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

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

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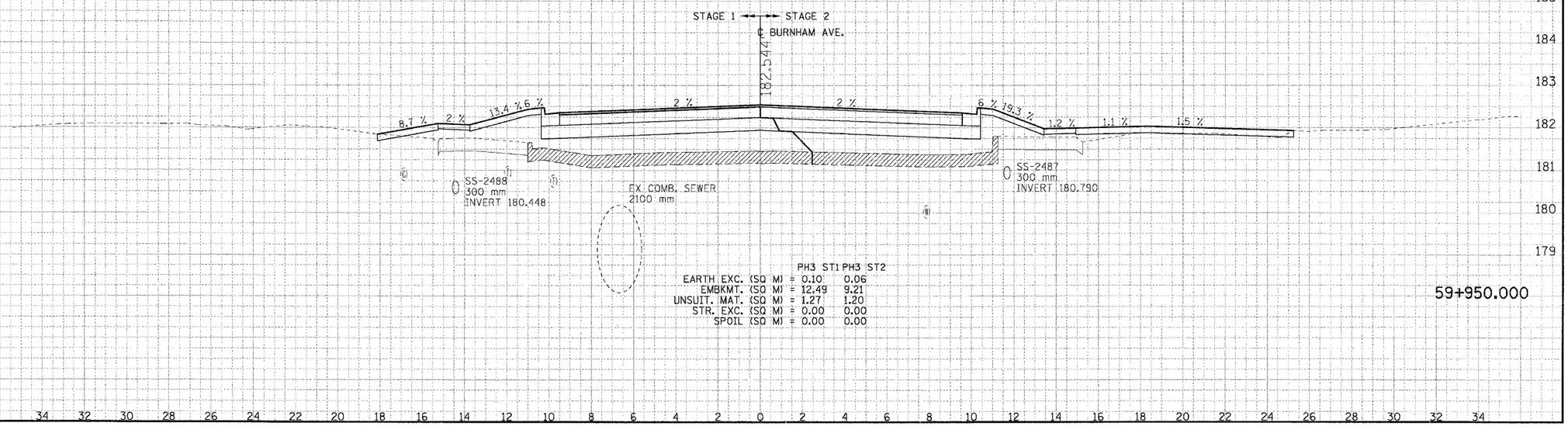
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	606
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.10	0.06
EMBKMT. (SQ M) =	12.49	9.21
UNSUIT. MAT. (SQ M) =	1.27	1.20
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00

59+950.000

CROSS-SECTIONS FOR BURNHAM AVENUE

..\PR1T0027A.DGN, ..\PR1T0027A.DGN, ..\DP9900J2A.DGN, ..\XPT00J2A.DGN, ..\XT99J0J2A.DGN, ..\TLTL0252A.DGN, ..\XX060252A.DGN, ..\PR060027A.DGN, ..\PR9900J2A.DGN, ..\PR9900J2A.DGN, ..\PR1T0027A.DGN, ..\PR1T0027A.DGN, ..\DP9900J2A.DGN, ..\XPT00J2A.DGN, ..\XT99J0J2A.DGN, ..\TLTL0252A.DGN, ..\XX060252A.DGN, ..\PR060027A.DGN, ..\PR9900J2A.DGN
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ORIGINAL SURVEY	NOTE BOOK	NO.
FINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
CHECKED
AREAS CHECKED
BY
DATE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	607
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

BURNHAM AVE. BRIDGE
SN 016-2791
(SEE STRUCTURAL PLANS)

STAGE 1 ←→ STAGE 2

℄ BURNHAM AVE.

182.579

2 % 2 % 2 % 2 % 6 % 2 % 2 % 2 % 6 % 2 % 2 % 2 % 2 %

SS-8506
300 mm
INVERT 181.190

EX. COMB. SEWER
2100 mm

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	1.78	2.55
EMBKMT. (SQ M) =	30.10	25.53
UNSUIT. MAT. (SQ M) =	1.32	1.55
STR. EXC. (SQ M) =	2.05	3.78
SPOIL (SQ M) =	1.29	1.98

59+975.000

CROSS-SECTIONS FOR BURNHAM AVENUE

ORIGINAL SURVEY	BY	DATE
FINAL SURVEY		
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
CHECKED
AREAS CHECKED

..\HR\T0022A.DGN ..\PR\T0012A.DGN ..\DR\P3003A.DGN ..\VP\T0012A.DGN ..\XR\P3012A.DGN ..\TL\T0752A.DGN ..\XX\0602R2A.DGN ..\PR\0603I2A.DGN ..\PR\P3903C2A.DGN ..\PR\P3903C2A.DGN ..\PR\R3003I2A.DGN ..\RR\T0012A.DGN ..\XW\T0042A.DGN
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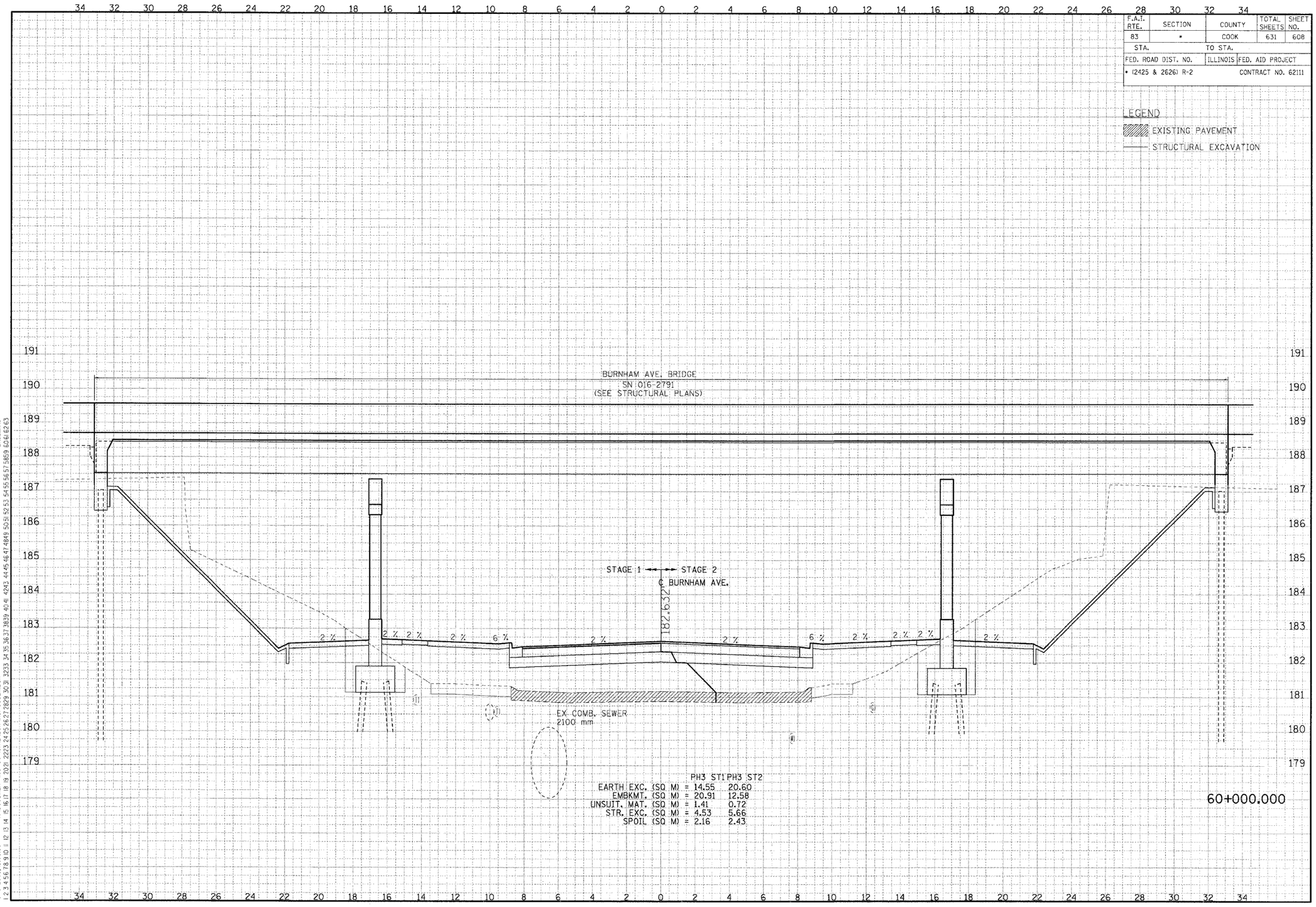
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	608
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	14.55	20.60
EMBKMT. (SQ M) =	20.91	12.58
UNSUIT. MAT. (SQ M) =	1.41	0.72
STR. EXC. (SQ M) =	4.53	5.66
SPOIL (SQ M) =	2.16	2.43

60+000.000

CROSS-SECTIONS FOR BURNHAM AVENUE

..\VR7002ZA.DGN, ..\VR7002A.DGN, ..\VR9900ZA.DGN, ..\VR9900ZA.DGN, ..\PR3900ZA.DGN, ..\PR9900ZA.DGN, ..\PR6600ZA.DGN, ..\PR6600ZA.DGN
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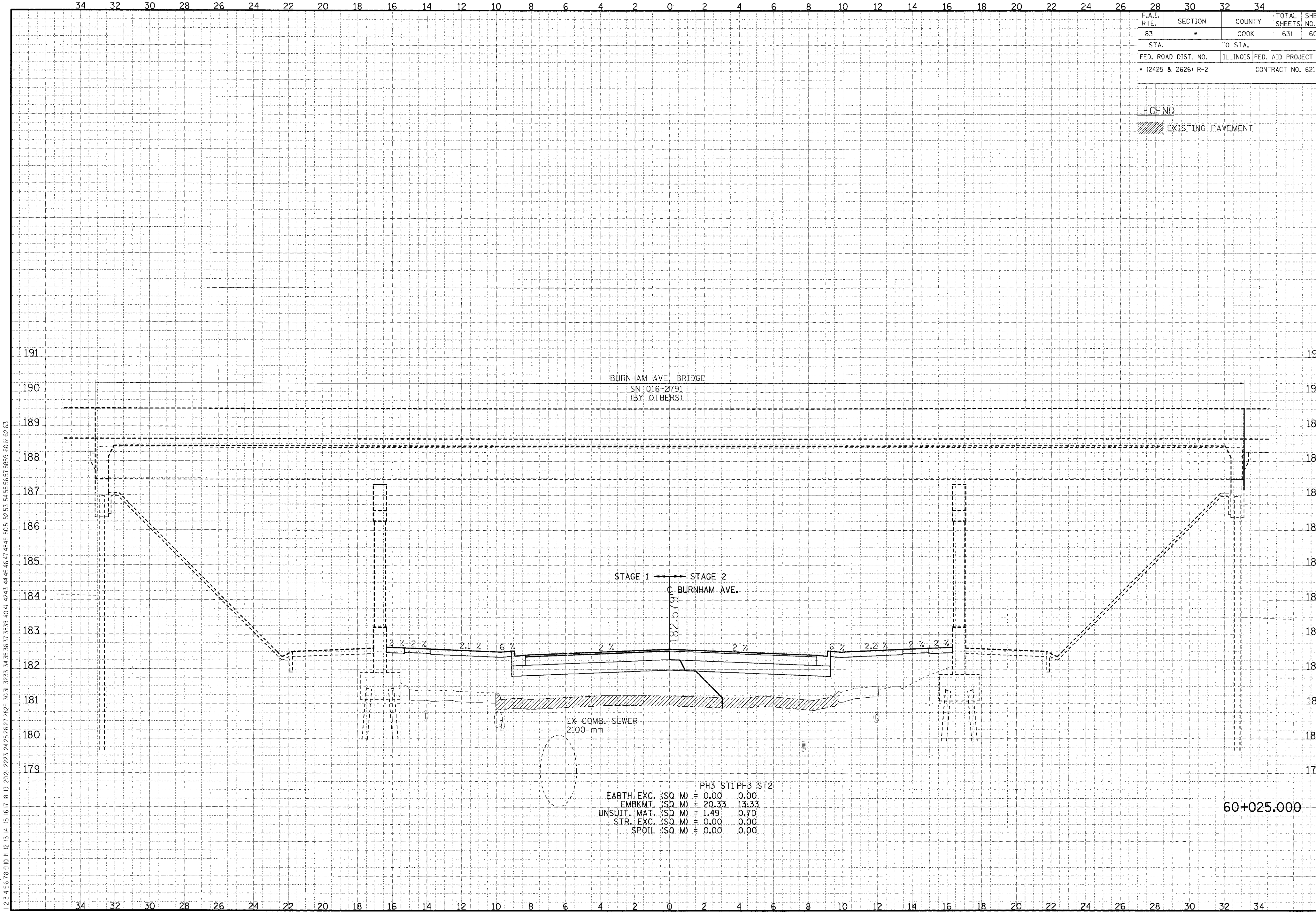
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	609
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT



	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.00	0.00
EMBKMT. (SQ M) =	20.33	13.33
UNSUIT. MAT. (SQ M) =	1.49	0.70
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00

60+025.000

CROSS-SECTIONS FOR BURNHAM AVENUE

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

..\HRI70022A.DGN, ..\PRI70012A.DGN, ..\DR990032A.DGN, ..\XPI70012A.DGN, ..\XR990012A.DGN, ..\TLTL0252A.DGN, ..\XX060292A.DGN, ..\PR060012A.DGN, ..\PR990012A.DGN, ..\PRI30012A.DGN, ..\RRI70012A.DGN, ..\XWI70042A.DGN
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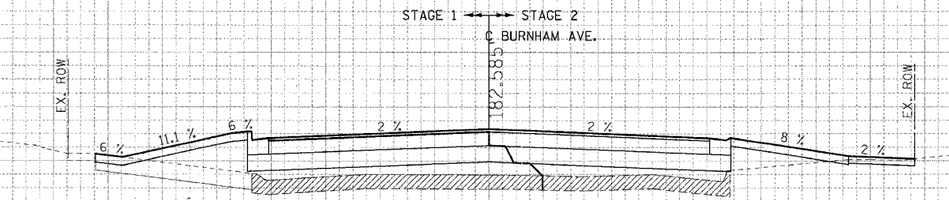
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	610
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

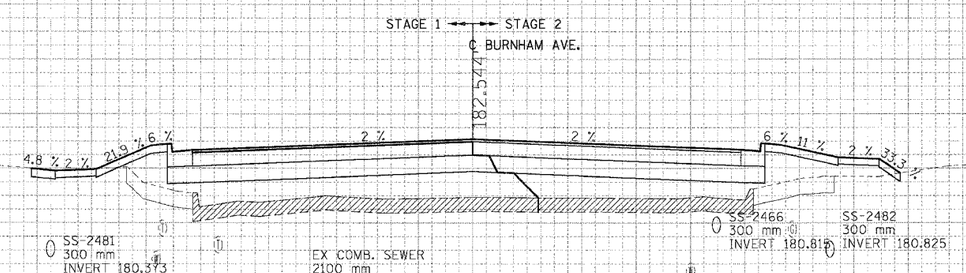
LEGEND

EXISTING PAVEMENT



PH3 ST1 PH3 ST2
EARTH EXC. (SQ M) = 0.00 0.24
EMBKMT. (SQ M) = 7.44 3.78
UNSUIT. MAT. (SQ M) = 1.72 0.00
STR. EXC. (SQ M) = 0.00 0.00
SPOIL (SQ M) = 0.00 0.00

60+066.857



PH3 ST1 PH3 ST2
EARTH EXC. (SQ M) = 0.05 0.03
EMBKMT. (SQ M) = 10.26 7.26
UNSUIT. MAT. (SQ M) = 0.73 0.89
STR. EXC. (SQ M) = 0.00 0.00
SPOIL (SQ M) = 0.00 0.00

60+050.000

CROSS-SECTIONS FOR BURNHAM AVENUE

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

..\VHR70022A.DGN, ..\VPR70012A.DGN, ..\VDR99032A.DGN, ..\VPP70012A.DGN, ..\VXR99032A.DGN, ..\TLTL0252A.DGN, ..\VXG60252A.DGN, ..\VPR06002A.DGN, ..\VPR99002A.DGN, ..\VPR70022A.DGN, ..\VHR70022A.DGN
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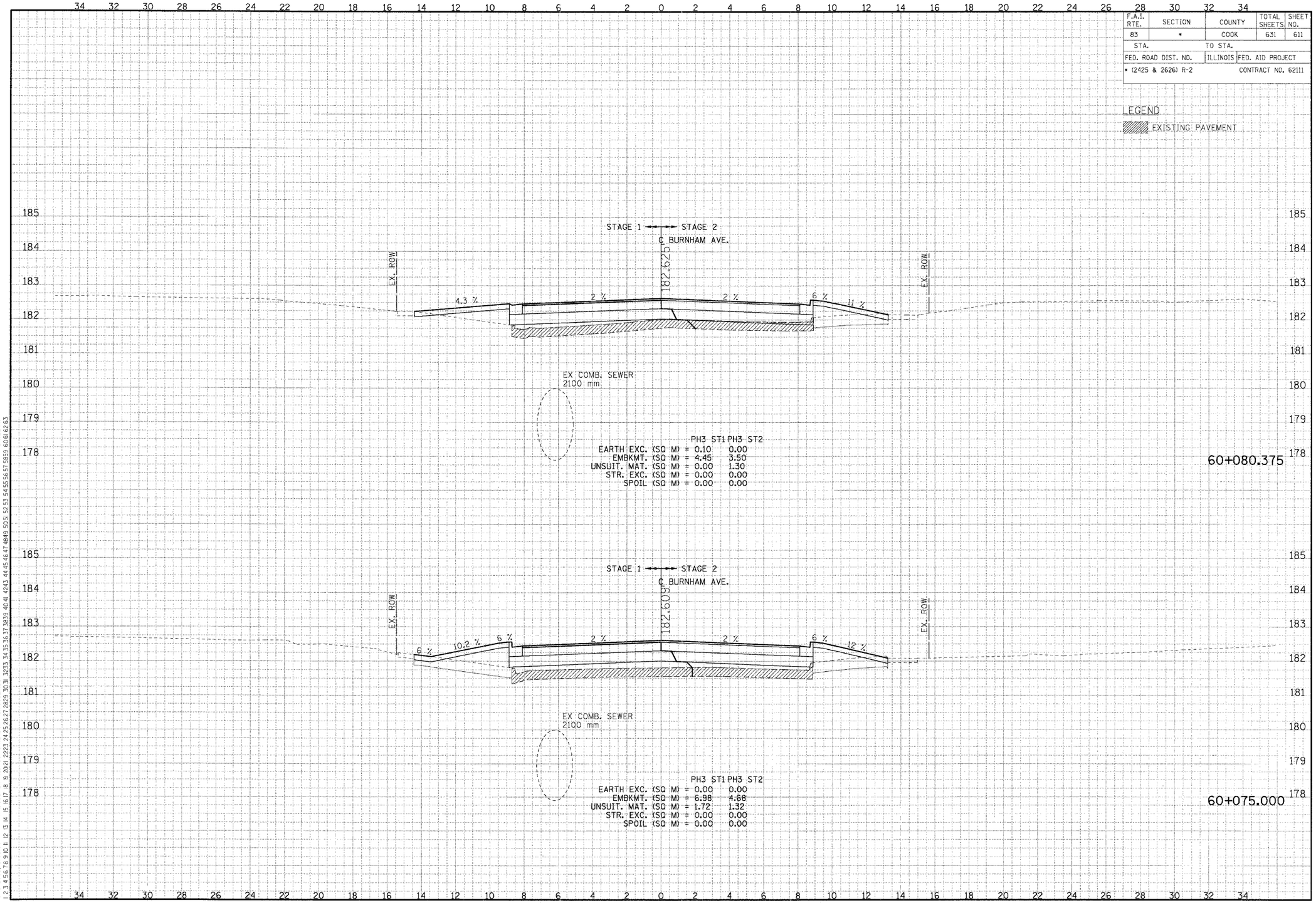
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	611
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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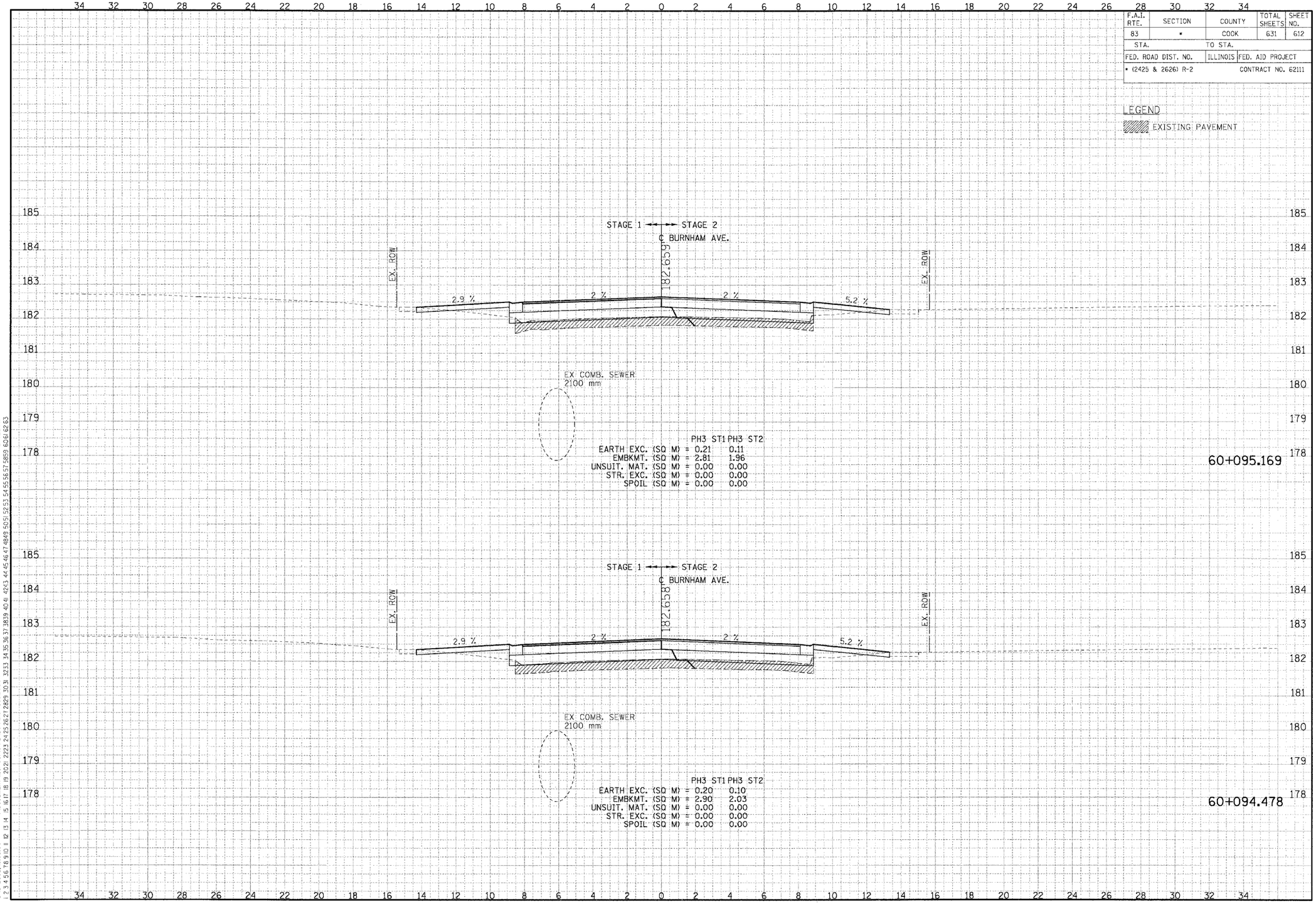
8-19-2005, 13:09:00 T:\DOCUMENT\83175O\CIVIL\DGN\XS170052A.DGN BAJZEKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	612
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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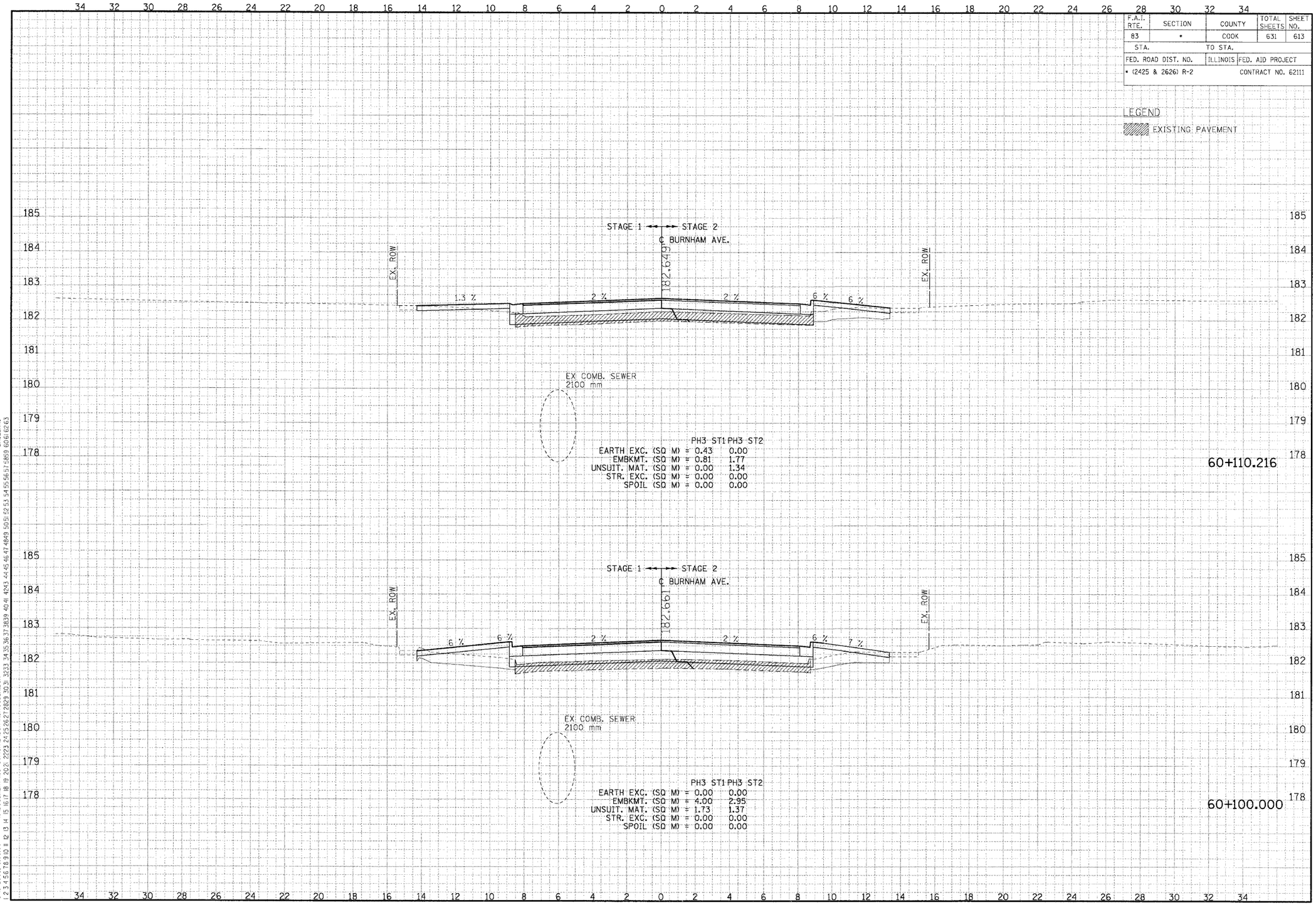
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	613
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BURNHAM AVENUE

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

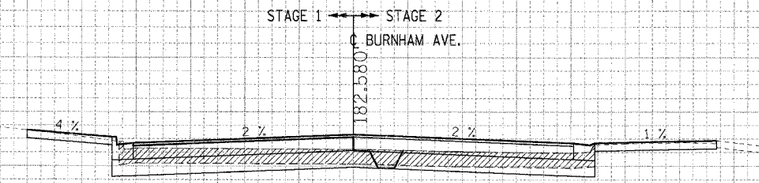
ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS CHECKED | BY | DATE

..\HR170022A.DGN ..\PR170002A.DGN ..\DB990032A.DGN ..\VP170012A.DGN ..\VR990026A.DGN ..\TL10252A.DGN ..\VX060232A.DGN ..\FR960026A.DGN ..\PR990026A.DGN
8-9-2005, 360900 T:\DOCUMENT\93750\CIVIL\DGN\XS170052A.DGN BAJZEKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	614
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

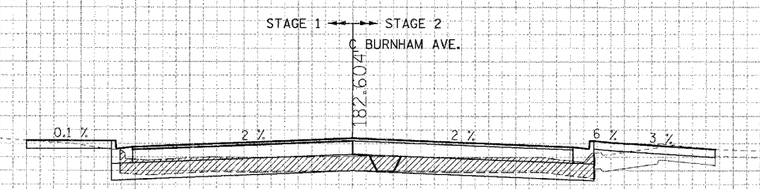
EXISTING PAVEMENT



EX COMB. SEWER
2100 mm

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	1.89	1.36
EMBKMT. (SQ M) =	0.00	0.21
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00

60+132.291



EX COMB. SEWER
2100 mm

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	0.81	0.47
EMBKMT. (SQ M) =	0.00	1.20
UNSUIT. MAT. (SQ M) =	0.00	1.33
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00

60+125.000

CROSS-SECTIONS FOR BURNHAM AVENUE

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

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

..\VR17002A.DGN, ..\PR17002A.DGN, ..\VR99003ZA.DGN, ..\XR17002A.DGN, ..\XR99002A.DGN, ..\TLT0252A.DGN, ..\XX0602922A.DGN, ..\PR06002A.DGN, ..\PR99002A.DGN,
8-19-2015, 13:09:01 T:\DOCUMENT\93150\CIVIL\DGN\XS170052A.DGN BAJZEKU

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	-	COOK	631	615
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

STAGE 1 ◄ ► STAGE 2

℄ BURNHAM AVE.

PROJECT ENDS
STA. 60+161.000

182.512

2 %

2 %

EX COMB. SEWER
2100 mm

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	5.54	5.81
EMBKMT. (SQ M) =	0.00	0.00
UNSUIT. MAT. (SQ M) =	0.00	0.00
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00

60+161.000

STAGE 1 ◄ ► STAGE 2

℄ BURNHAM AVE.

EX. ROW

182.525

EX. ROW

3.3 %

2 %

2 %

0.8 %

EX COMB. SEWER
2100 mm

	PH3 ST1	PH3 ST2
EARTH EXC. (SQ M) =	2.34	1.58
EMBKMT. (SQ M) =	0.00	0.67
UNSUIT. MAT. (SQ M) =	0.00	1.31
STR. EXC. (SQ M) =	0.00	0.00
SPOIL (SQ M) =	0.00	0.00

60+150.000

CROSS-SECTIONS FOR BURNHAM AVENUE

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

..\HR870022A.DGN, ..\PR870022A.DGN, ..\VR950032A.DGN, ..\VXP70092A.DGN, ..\XR990092A.DGN, ..\TLT.02952A.DGN, ..\XX060292A.DGN, ..\PR060012A.DGN, ..\PR990012A.DGN, ..\PR990022A.DGN
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	616
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

BEGIN STAGE 1

℄ PR. 175TH STREET

EX. ROW

18.31'

5 %

2 %

2 %

6.1 %

LIMITS OF STR. EXC. (TYP.)

PH3 ST1
EARTH EXC. (SQ M) = 3.23
EMBKMT. (SQ M) = 0.00
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 16.57
SPOIL (SQ M) = 6.80

319+940.000

BEGIN RETAINING WALL 016-W850
STA. 319+934.677
PHASE 3 STAGE 1

2 %

℄ PR. 175TH STREET

EX. ROW

LIMITS OF STR. EXC. (TYP.)

PH3 ST1
EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 0.00
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 18.42
SPOIL (SQ M) = 6.91

319+934.677

CROSS-SECTIONS FOR 175TH STREET

FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
NOS.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

..\PR170072A.DGN, ..\HR170022A.DGN, ..\XR170072A.DGN, ..\RR170022A.DGN, ..\PR060092A.DGN, ..\XW170072A.DGN, ..\DR170072A.DGN, ..\XP170072A.DGN
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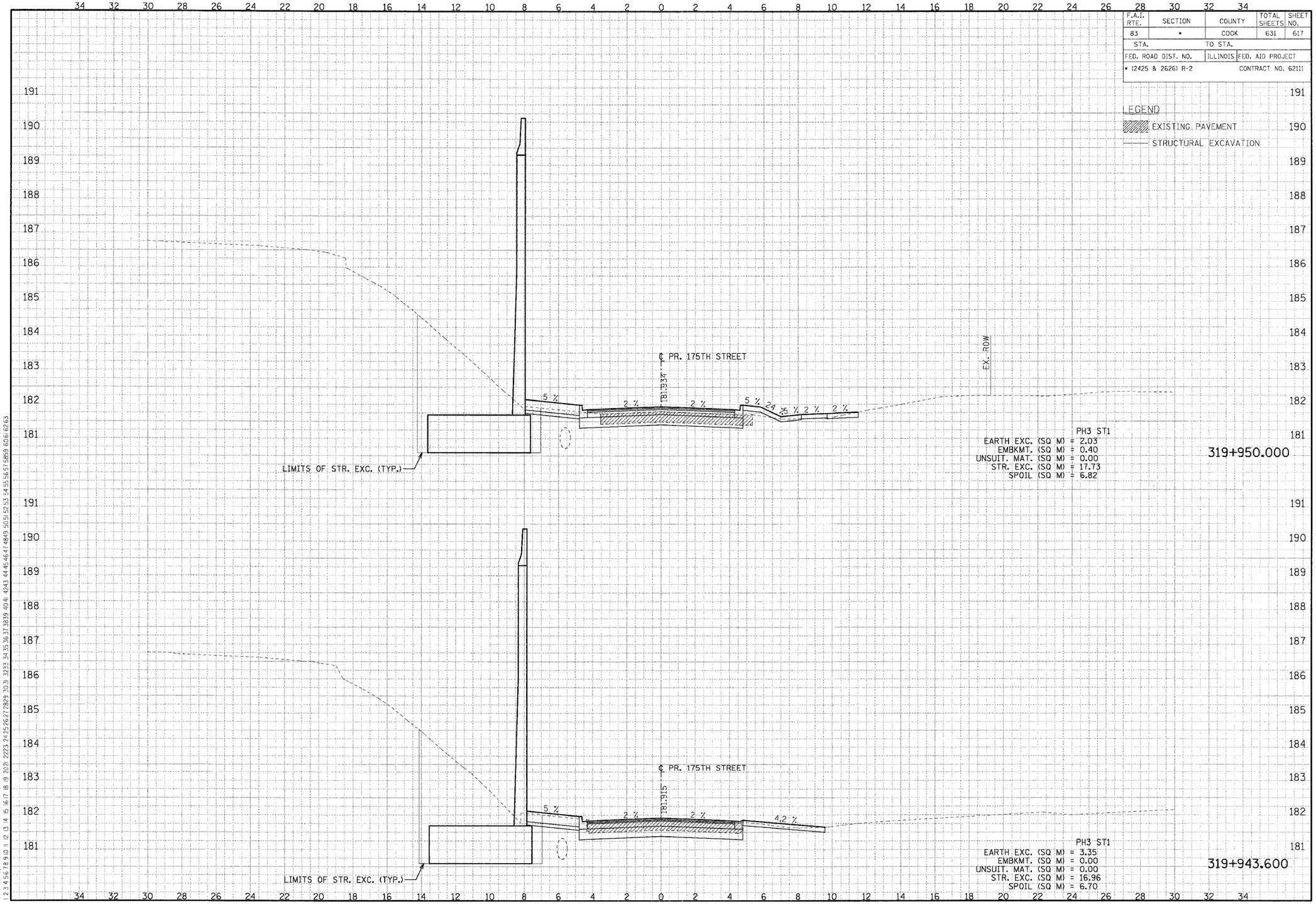
BAJZEKKJ
55656575859 6061626 3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	617
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



CROSS-SECTIONS FOR 175TH STREET

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

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

..\PRT0022A.DGN ..\VRT0022A.DGN ..\VRT0032A.DGN ..\VPR06D72A.DGN ..\XWT0D72A.DGN ..\DRT0032A.DGN ..\VPT0022A.DGN
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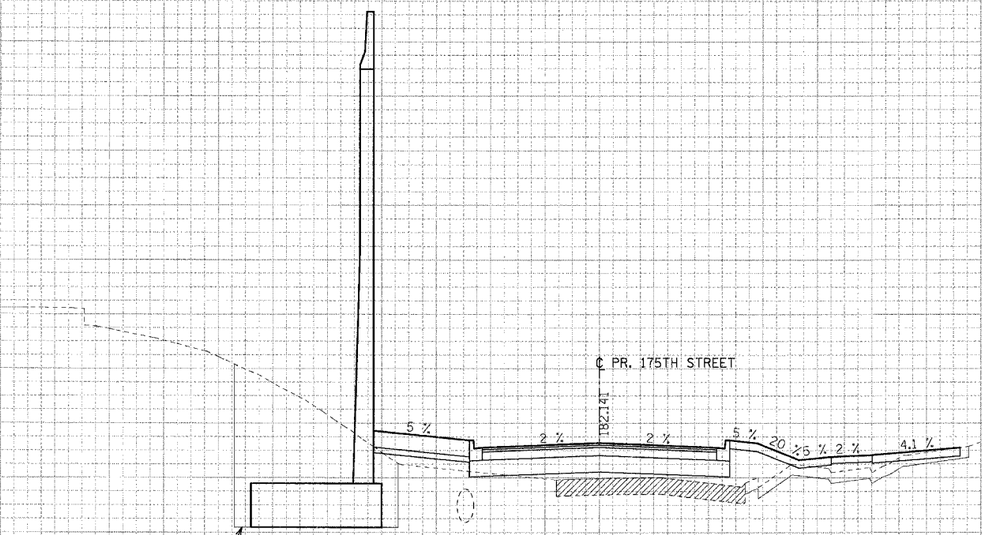
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	618
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	91
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

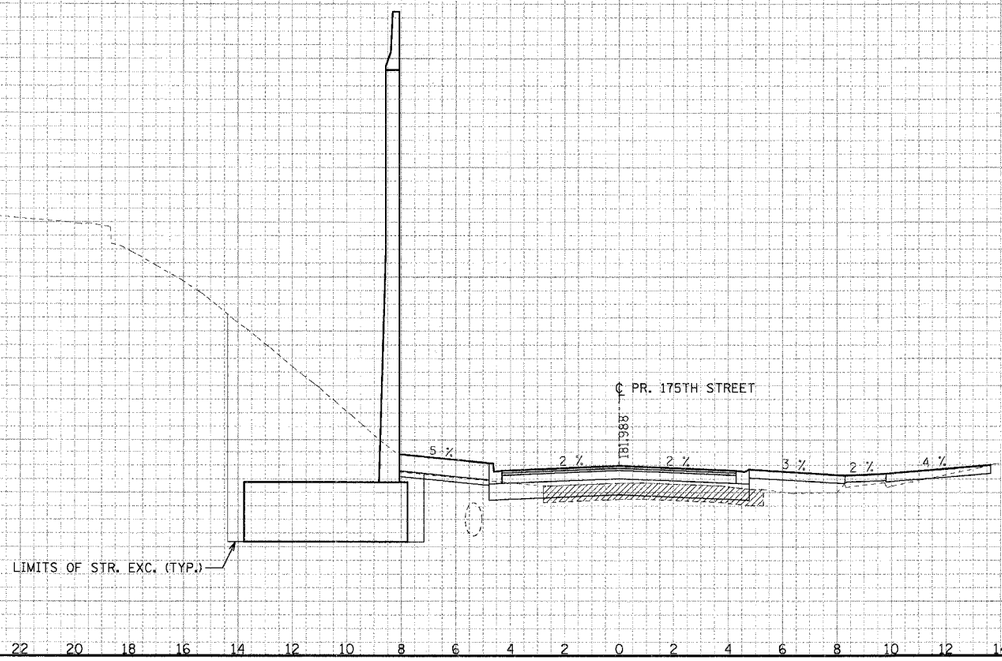
EXISTING PAVEMENT

STRUCTURAL EXCAVATION



PH3 ST1
EARTH EXC. (SQ M) = 0.09
EMBKMT. (SQ M) = 6.29
UNSUIT. MAT. (SQ M) = 1.64
STR. EXC. (SQ M) = 12.89
SPOIL (SQ M) = 4.43

319+975.000



PH3 ST1
EARTH EXC. (SQ M) = 1.01
EMBKMT. (SQ M) = 1.62
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 19.56
SPOIL (SQ M) = 7.07

319+959.532

CROSS-SECTIONS FOR 175TH STREET

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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BAJZEKKJ
575859 6061626 3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	619
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

BURNHAM AVENUE

END STAGE 1
BEGIN STAGE 2

℄ PR. 175TH STREET

PH3 ST1
EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 0.00
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

320+000.000

END RETAINING WALL 016-W850
STA. 319+977.940
PHASE 3 STAGE 1

℄ PR. 175TH STREET

EX. ROW

5 %
2 %
2 %
5 %
20
5 %
2 %
4.1 %

182179

LIMITS OF STR. EXC. (TYP.)

PH3 ST1
EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 10.74
UNSUIT. MAT. (SQ M) = 6.66
STR. EXC. (SQ M) = 9.72
SPOIL (SQ M) = 4.09

319+977.940

CROSS-SECTIONS FOR 175TH STREET

..\PR170012A.DGN ..\PR170022A.DGN ..\VPR170012A.DGN ..\VPR170022A.DGN ..\VPR660012A.DGN ..\VPR660022A.DGN ..\VWI170072A.DGN ..\PR170032A.DGN ..\VPI700I2A.DGN
8-8-2005, 02:29:45 T:\DOCUMENT\93750\CIVIL\DGN\XS170072A.DGN BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	620
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

℄ PR. 175TH STREET

182.136

EX. ROW

5 % 2 % 2 % 5 % 2 % 2 % 3.5 %

LIMITS OF STR. EXC. (TYP.)

SS-2490
300 mm
INVERT 180.375

PH3 ST2
EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 8.51
UNSUIT. MAT. (SQ M) = 8.18
STR. EXC. (SQ M) = 9.21
SPOIL (SQ M) = 4.06
PH3 ST1

320+025.000

BEGIN RETAINING WALL 016-W851
STA. 320+021.861
PHASE 3 STAGE 1

℄ PR. 175TH STREET

182.178

EX. ROW

5 % 2 % 2 % 5 % 2 % 3 %

SS-4206
900 mm
INVERT 180.568

LIMITS OF STR. EXC. (TYP.)

SS-2490
300 mm
INVERT 180.290

PH3 ST2
EARTH EXC. (SQ M) = 0.29
EMBKMT. (SQ M) = 10.01
UNSUIT. MAT. (SQ M) = 7.59
STR. EXC. (SQ M) = 8.02
SPOIL (SQ M) = 3.97
PH3 ST1

320+021.861

CROSS-SECTIONS FOR 175TH STREET

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

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

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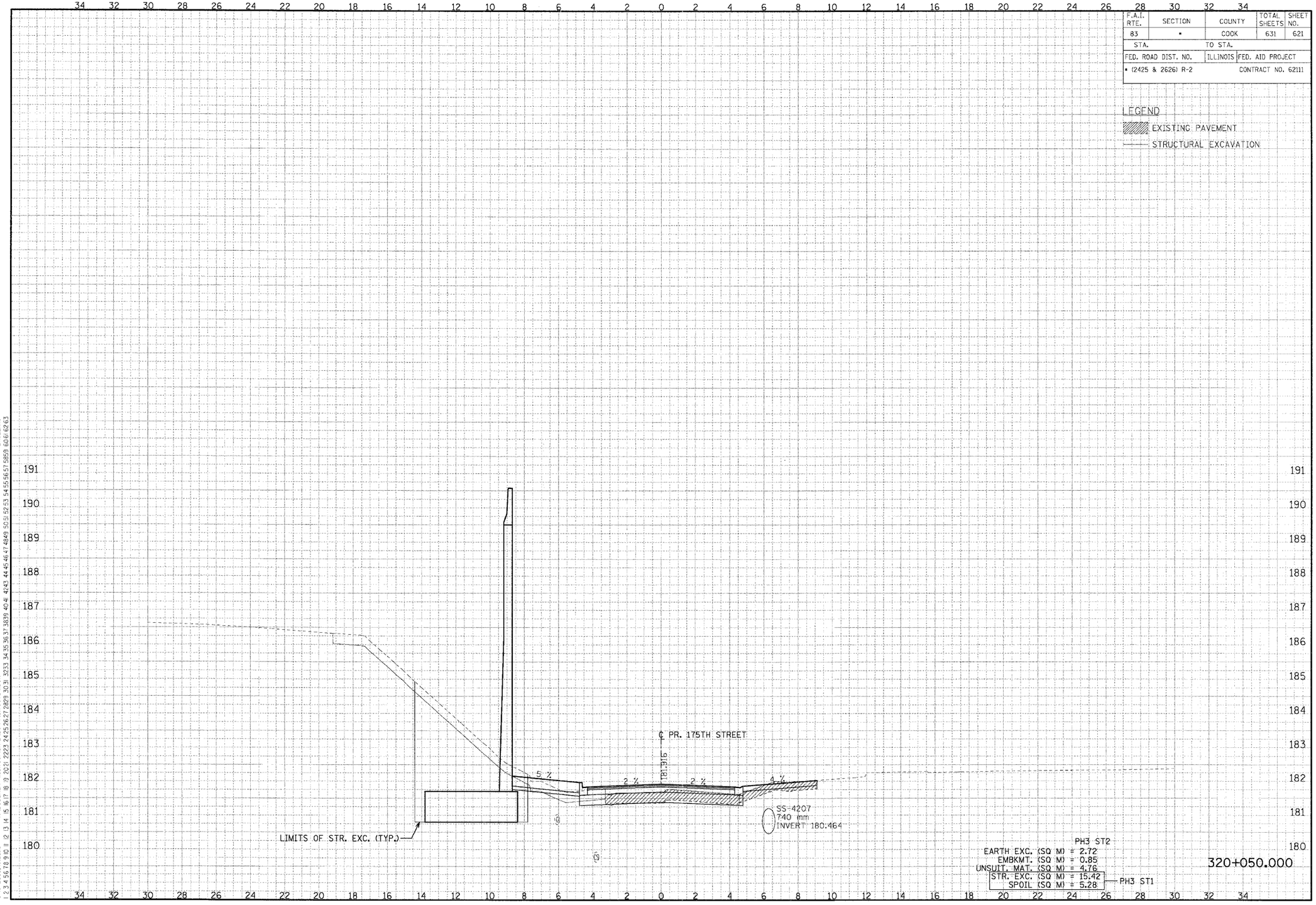
8:18:2005, 0:29:6
I:\DOCUMENTS\93750\CVIL\DGN\XSFT0072A.DGN
BAJ/EKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	-	COOK	631	621
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
- (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



CROSS-SECTIONS FOR 175TH STREET

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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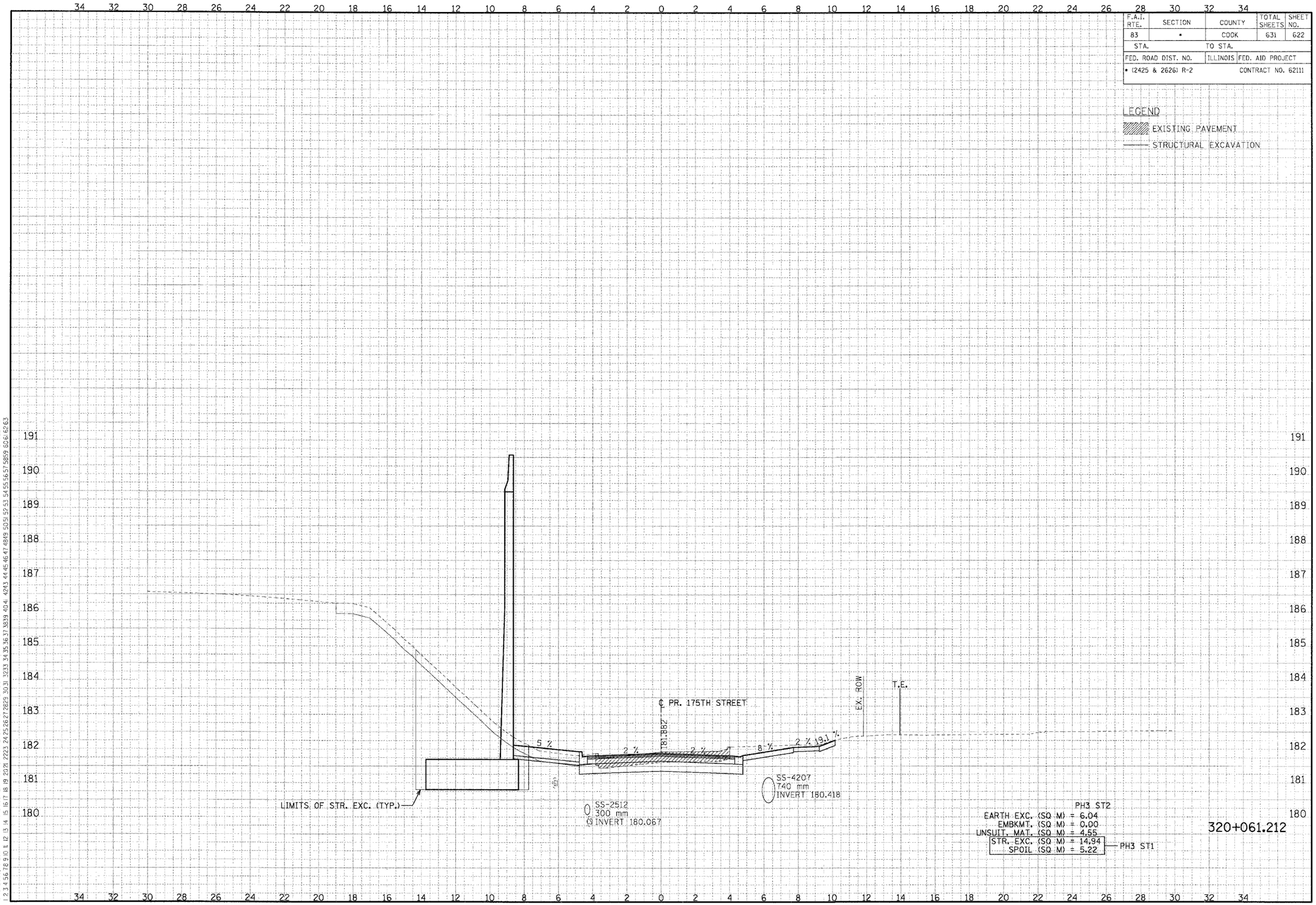
8-18-2005 10:29:16 T:\DOCUMENT\93175D\CIVIL\DGN\XST0072A.DGN
BAJZEKKJ 606 6263

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	622
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



CROSS-SECTIONS FOR 175TH STREET

..\PR7002A.DGN ..\HR7002A.DGN ..\XR7002A.DGN ..\XR7002A.DGN ..\PR6602A.DGN ..\VR7002A.DGN ..\DR7032A.DGN ..\XP7002A.DGN
8-18-2005, 10:29:17 T:\DOCUMENT\93750\CIVIL\DGN\XS7002A.DGN BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	623
STA.		TO STA.		191
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		190

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

END RETAINING WALL 016-W851
STA. 320+077.402
PHASE 3 STAGE 1

℄ PR. 175TH STREET

EX. ROW

5 %

4.9 %

SS-4207
740 mm
INVERT 180.351

LIMITS OF STR. EXC. (TYP.)

PH3 ST2
EARTH EXC. (SQ M) = 7.12
EMBKMT. (SQ M) = 0.30
UNSUIT. MAT. (SQ M) = 5.80
STR. EXC. (SQ M) = 15.30
SPOIL (SQ M) = 5.29 — PH3 ST1

320+077.402

BL 7895

5 %

5.4 %

SS-4207
740 mm
INVERT 180.361

LIMITS OF STR. EXC. (TYP.)

PH3 ST2
EARTH EXC. (SQ M) = 4.25
EMBKMT. (SQ M) = 0.25
UNSUIT. MAT. (SQ M) = 5.69
STR. EXC. (SQ M) = 15.34
SPOIL (SQ M) = 5.29 — PH3 ST1

320+075.000

CROSS-SECTIONS FOR 175TH STREET

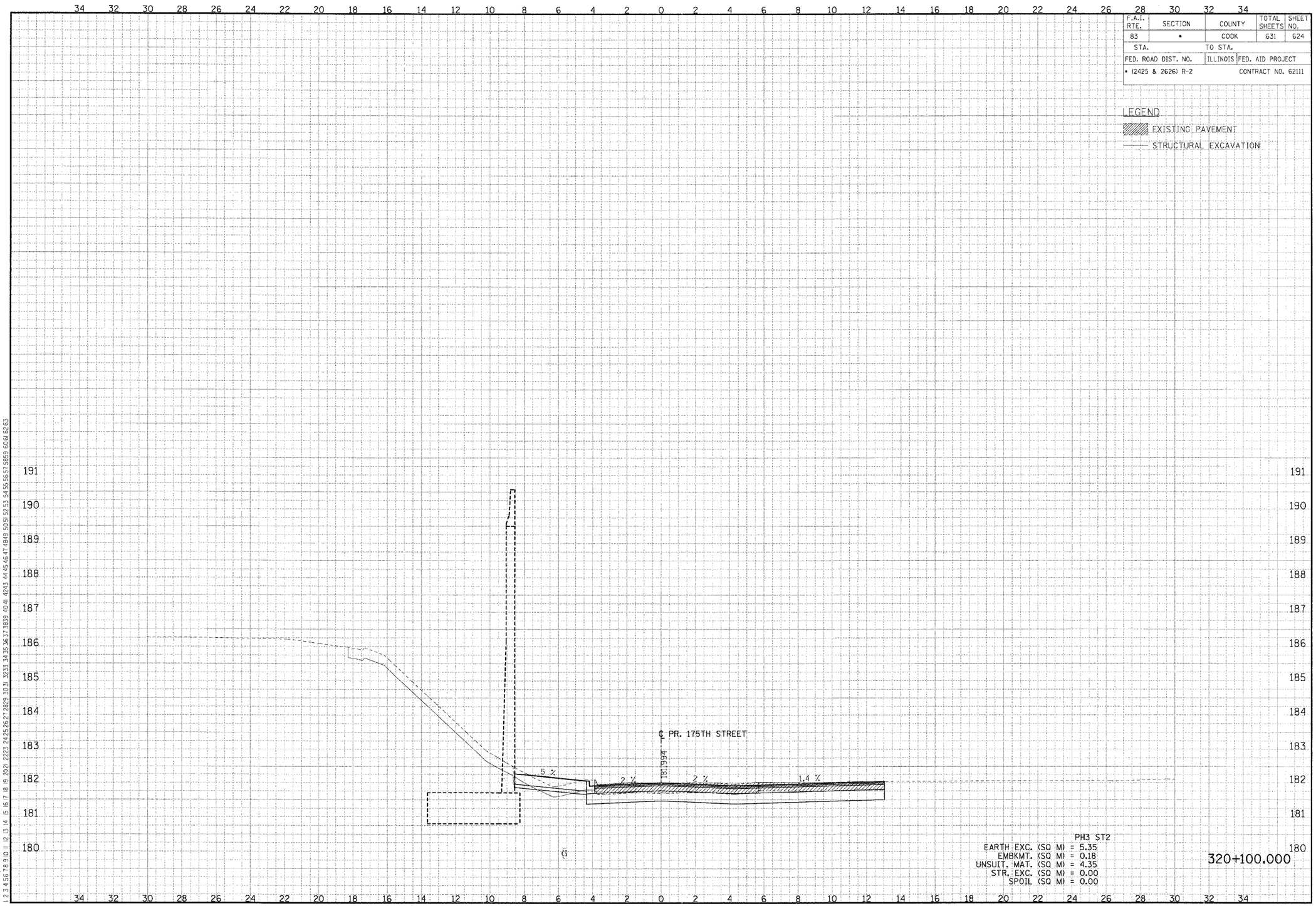
..\VRT0002A.DGN ..\VRT0022A.DGN ..\VRT5012A.DGN ..\VRT0012A.DGN ..\VRT0022A.DGN ..\PR06002A.DGN ..\XWT0072A.DGN ..\DRT0032A.DGN ..\VPT0002A.DGN
8-18-2005, 10:29:17 I:\DOCUMENT\93175\CIVIL\DGN\XST0072A.DGN BAUZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	•	COOK	631	624
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION



PH3 ST2
EARTH EXC. (SQ M) = 5.35
EMBKMT. (SQ M) = 0.18
UNSUIT. MAT. (SQ M) = 4.35
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

320+100.000

CROSS-SECTIONS FOR 175TH STREET

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

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

..\PR\T0032A.DGN, ..\VRT0022A.DGN, ..\VRT0072A.DGN, ..\VRT0022A.DGN, ..\PR06002A.DGN, ..\XMT0072A.DGN, ..\VRT0032A.DGN, ..\XPT0012A.DGN
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	625
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

STRUCTURAL EXCAVATION

END STAGE 2

℄ PR. 175TH STREET

182.1049

EX. ROW

5 %

2 %

2 %

0.1 %

0 %

PH3 ST2
EARTH EXC. (SQ M) = 4.66
EMBKMT. (SQ M) = 0.00
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

320+125.000

320+113.191

CROSS-SECTIONS FOR 175TH STREET

..\PR70082A.DGN, ..\HRT0022A.DGN, ..\VRT0022A.DGN, ..\VRT0072A.DGN, ..\PR86012A.DGN, ..\XWT0072A.DGN, ..\XPR70032A.DGN, ..\XPR70072A.DGN
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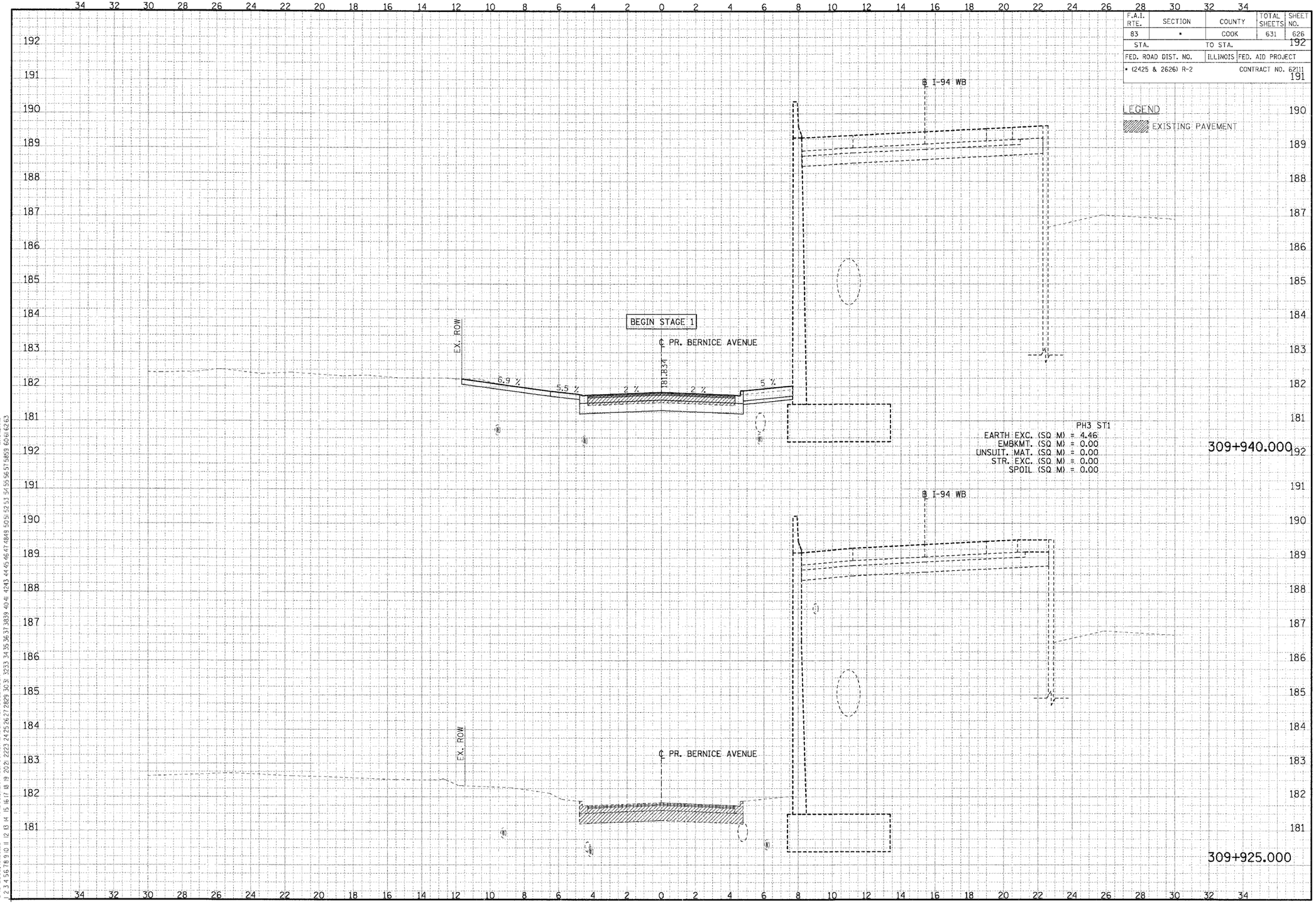
BAJZEKKJ
55565758596061626364

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	626
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		



CROSS-SECTIONS FOR BERNICE AVENUE

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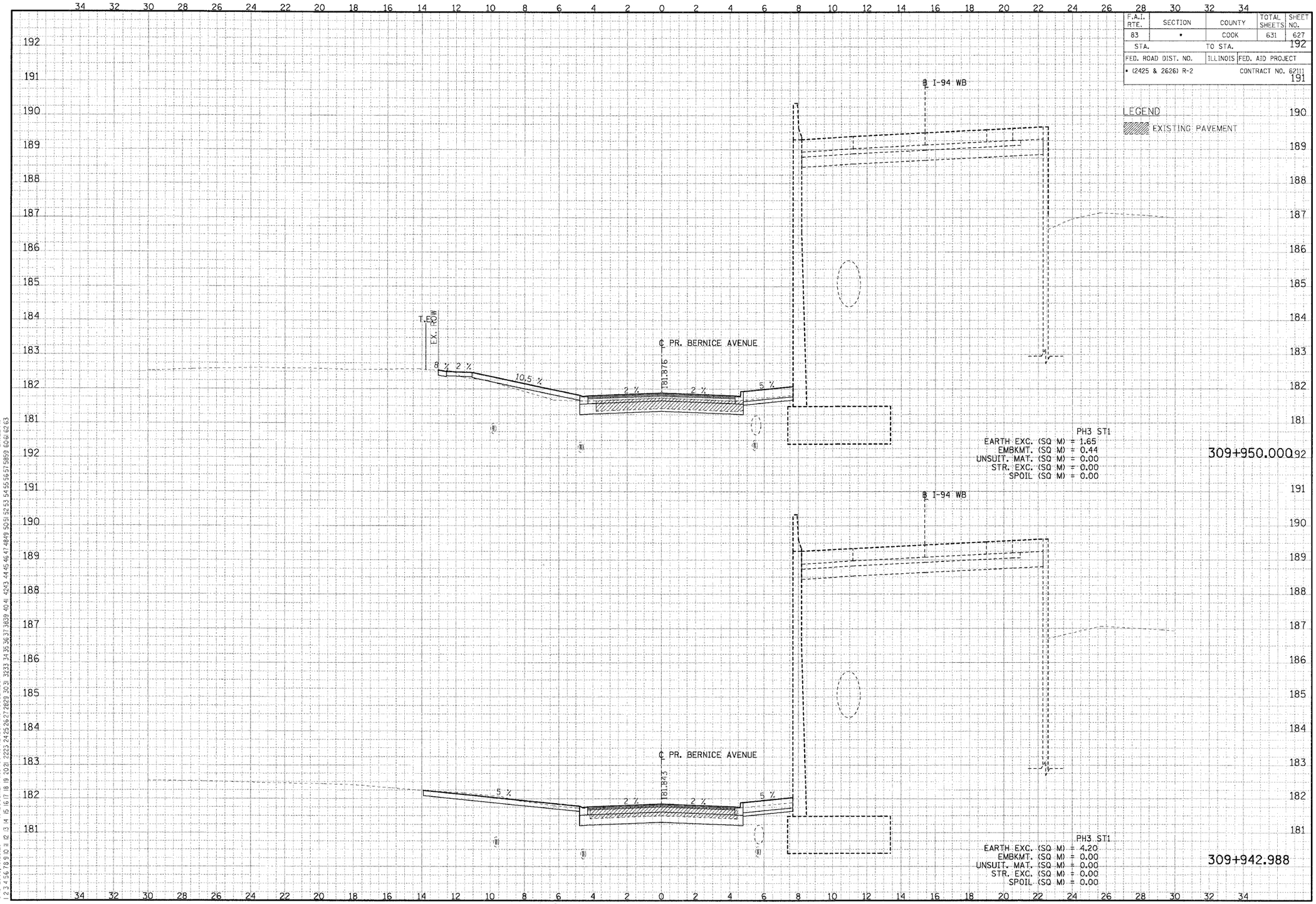
55565759585960616263

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	627
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	



CROSS-SECTIONS FOR BERNICE AVENUE

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

..\PR170028A.DGN ..\WR170028A.DGN ..\XW170028A.DGN ..\XP170028A.DGN ..\XW06R022A.DGN ..\XW06R022A.DGN ..\PR06002A.DGN ..\XR170022A.DGN ..\XR170032A.DGN ..\WR170022A.DGN ..\PR170028A.DGN
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	628
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT

BURNHAM AVENUE

END STAGE 1
BEGIN STAGE 2

℄ PR. BERNICE AVENUE

PH3 ST1
EARTH EXC. (SQ M) = 0.00
EMBKMT. (SQ M) = 0.00
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

310+000.000

℄ I-94 WB

T.E.
EX. ROW

5 % 2 % 5.7 % 2 % 2 % 5 %

12' 12'

℄ PR. BERNICE AVENUE

PH3 ST1
EARTH EXC. (SQ M) = 0.28
EMBKMT. (SQ M) = 6.08
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

309+975.000

CROSS-SECTIONS FOR BERNICE AVENUE

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

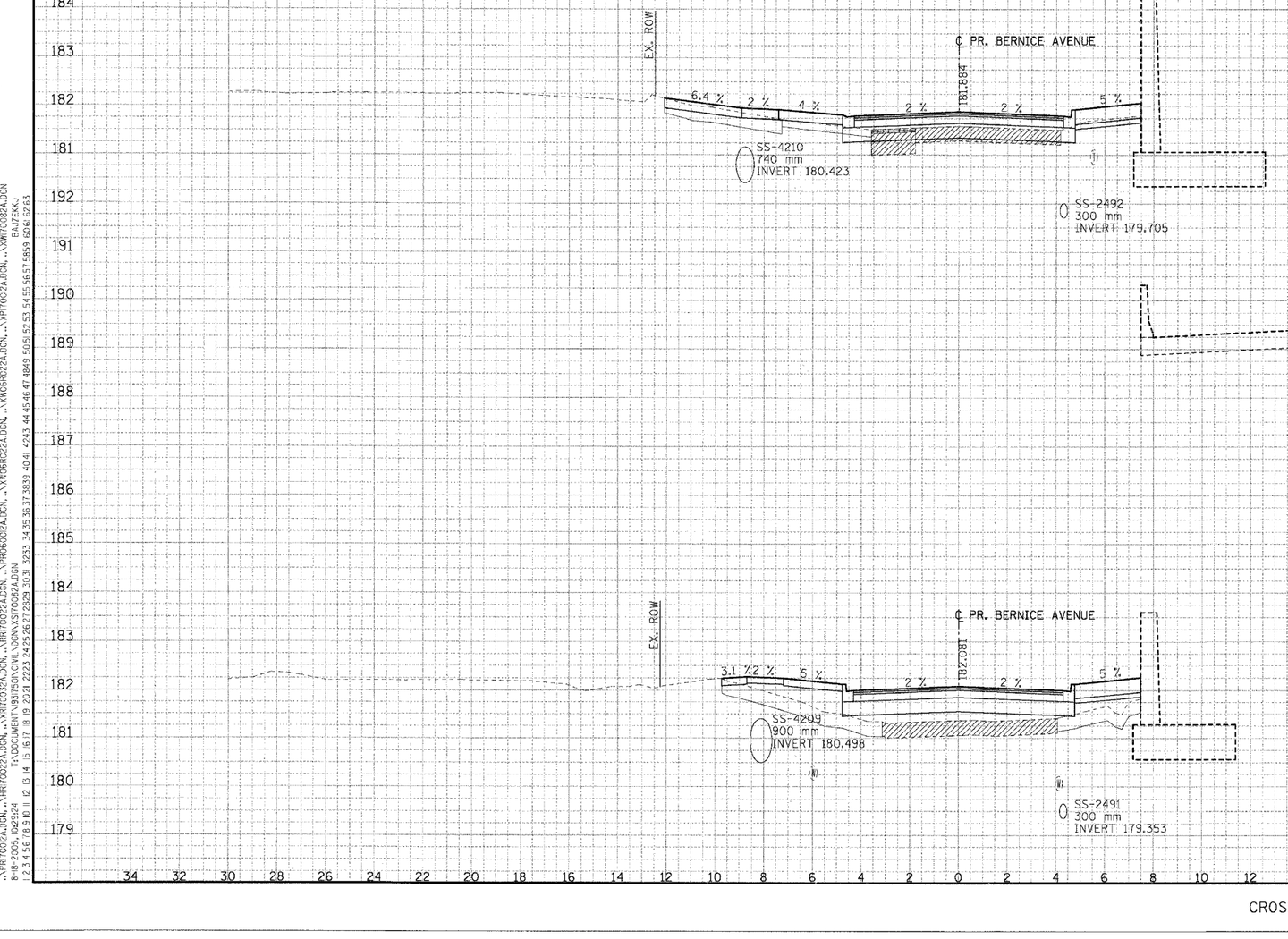
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

..\PR170002A.DGN, ..\NR170022A.DGN, ..\XR170032A.DGN, ..\RR170022A.DGN, ..\PR06D02A.DGN, ..\XW06R022A.DGN, ..\XW06R022A.DGN, ..\XP170026A.DGN, ..\XW170082A.DGN
8-16-2005, No25d23 T:\DOCUMENT\93750\CIVIL\DGN\XS170082A.DGN BAJZEKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	629
STA.		TO STA.		191
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		190

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BERNICE AVENUE

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

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

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BAJTEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	630
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2		CONTRACT NO. 62111		

LEGEND

EXISTING PAVEMENT

℄ I-94 WB

EX. ROW

END STAGE 2

℄ PR. BERNICE AVENUE

181.845

2.5 %

2 %

2 %

5 %

SS-4210
740 mm
INVERT 180.353

PH3 ST2
EARTH EXC. (SQ M) = 1.15
EMBKMT. (SQ M) = 1.15
UNSUIT. MAT. (SQ M) = 1.28
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

310+064.000

℄ I-94 WB

℄ PR. BERNICE AVENUE

181.847

1.3 %

2 %

2 %

5 %

SS-4210
740 mm
INVERT 180.399

SS-2492
300 mm
INVERT 179.754

PH3 ST2
EARTH EXC. (SQ M) = 2.09
EMBKMT. (SQ M) = 0.40
UNSUIT. MAT. (SQ M) = 0.00
STR. EXC. (SQ M) = 0.00
SPOIL (SQ M) = 0.00

310+050.000

CROSS-SECTIONS FOR BERNICE AVENUE

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

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

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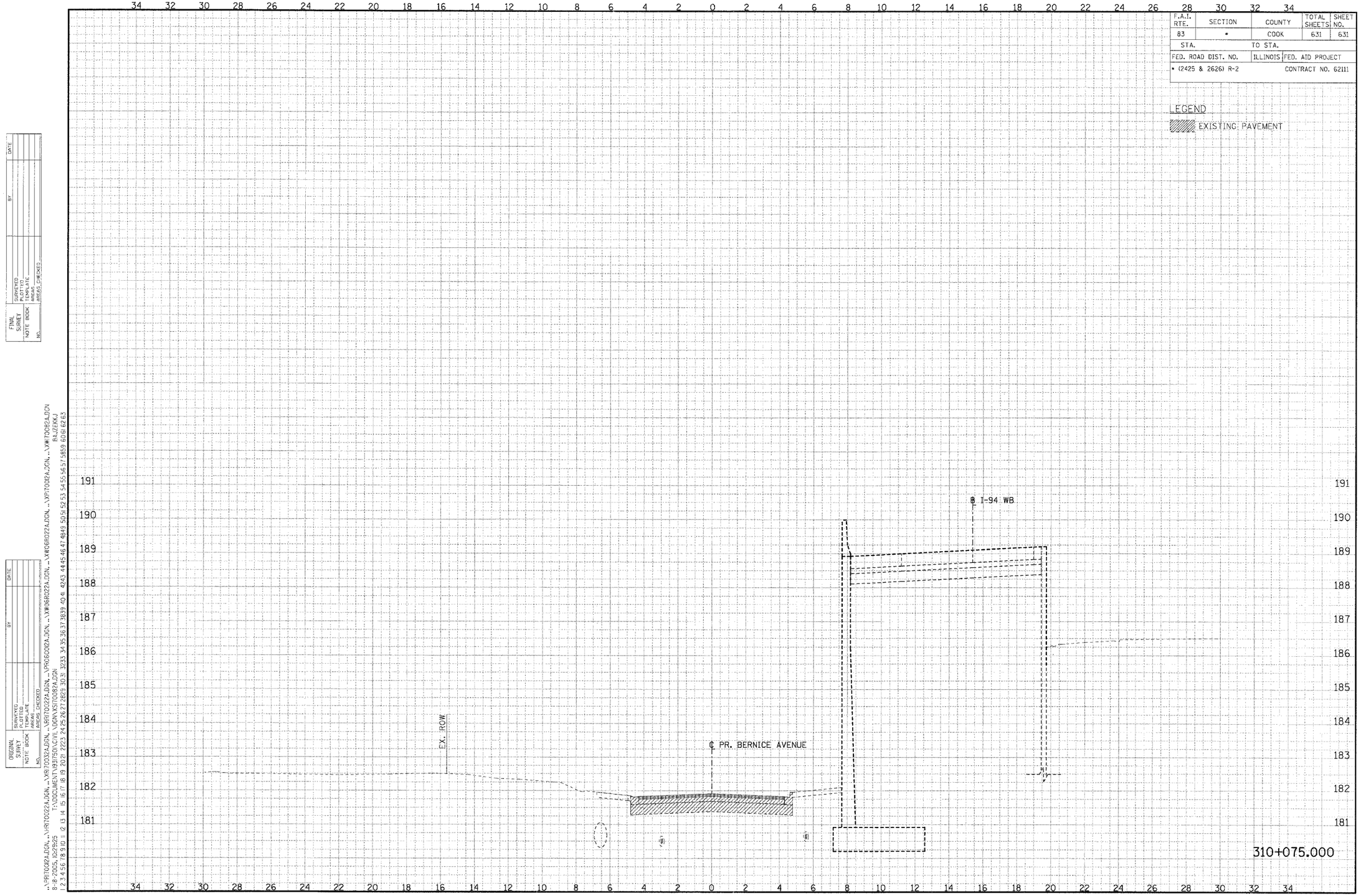
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
83	*	COOK	631	631
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (2425 & 2626) R-2			CONTRACT NO. 62111	

LEGEND

EXISTING PAVEMENT



CROSS-SECTIONS FOR BERNICE AVENUE

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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