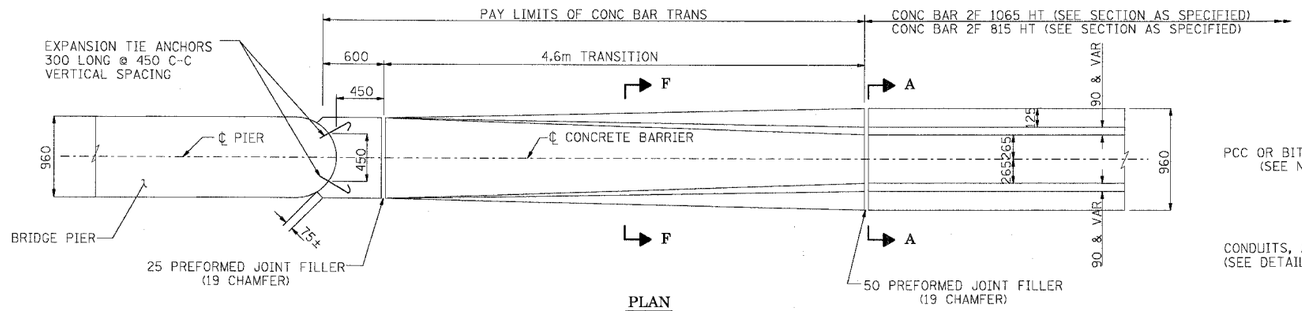
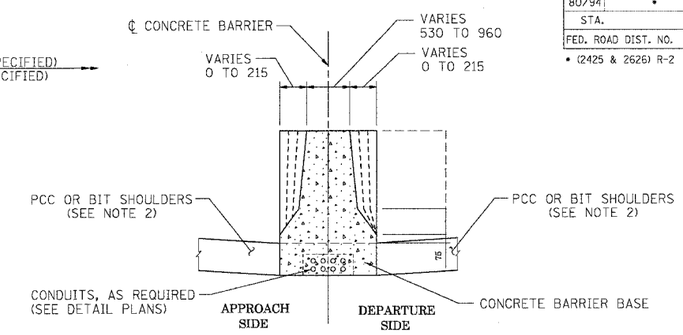
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	101
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

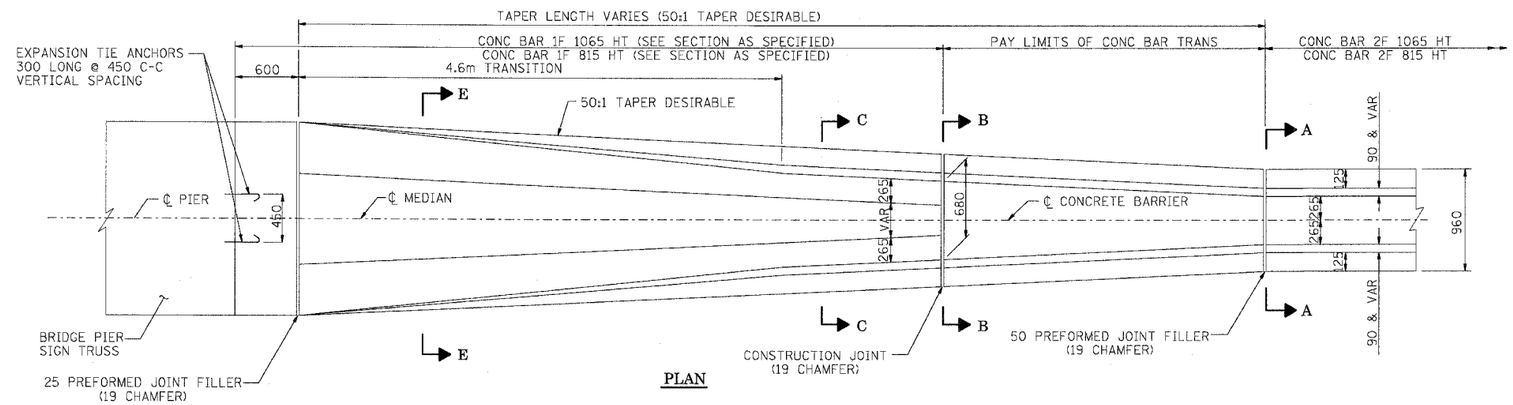
* (2425 & 2626) R-2 CONTRACT NO. 62111



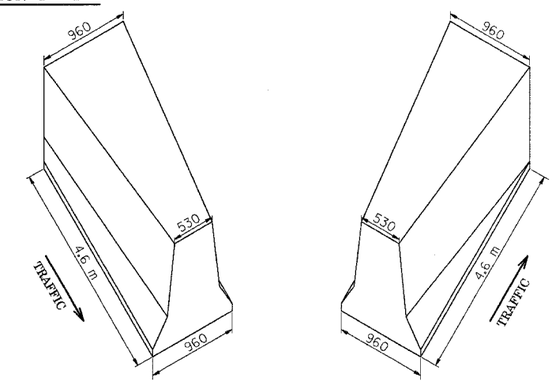
PLAN



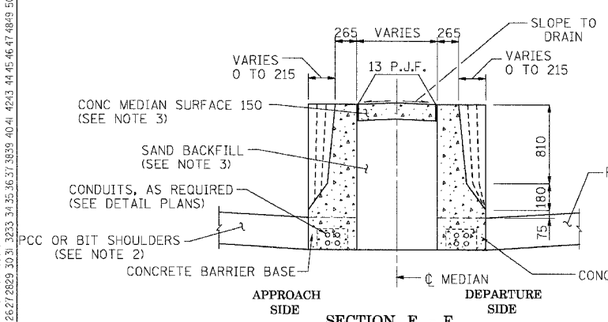
SECTION F – F



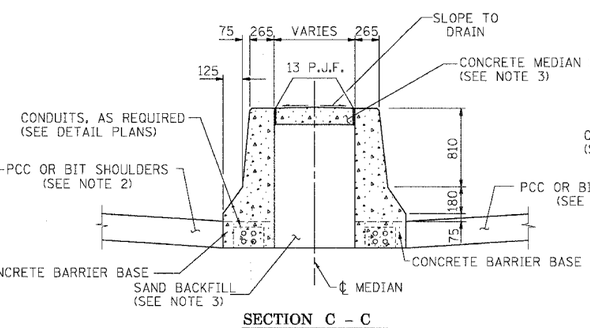
PLAN



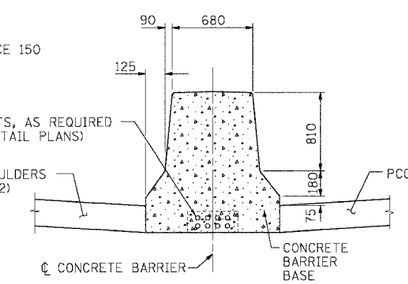
DEPARTURE SIDE APPROACH SIDE



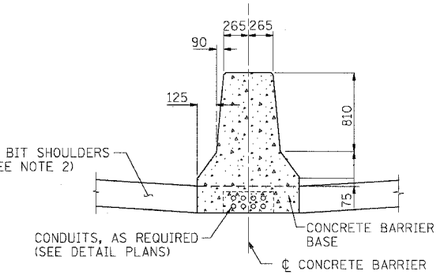
SECTION E – E



SECTION C – C



SECTION B – B



SECTION A – A

NOTES:

1) FOR ADDITIONAL CONCRETE BARRIER DETAILS, INCLUDING TIE BAR PLACEMENT, SEE THE TYPICAL SECTION SHEETS AND CONCRETE BARRIER DETAILS, OF THE HEIGHT SPECIFIED.

2) FOR ADDITIONAL SHOULDER DETAILS SEE TYPICAL SECTIONS, PIPE UNDERDRAIN & SHOULDER DETAILS SHEET AND STANDARDS 601001,482006,483001 & 482001.

3) SAND BACKFILL AND CONCRETE MEDIAN SURFACE 150 WILL BE REQUIRED. FILLING WITH CONCRETE WILL NOT BE ALLOWED. THIS WORK SHALL BE PAID FOR SEPARATELY.

4) FURNISHING AND INSTALLING THE PREFORMED JOINT FILLER OF THE SIZE SPECIFIED SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.

5) FURNISHING AND INSTALLING THE 19 EXPANSION TIE ANCHORS SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.

6) THE REMOVAL OF THE EXISTING CONCRETE END BLOCKS IF APPLICABLE SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE INVOLVED.

REVISIONS	
NAME	DATE
MDV	01/30/04
MRN	3/29/04
MRN	8/04/05
NLP	8/04/05

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

CONCRETE BARRIER TRANSITION DETAILS AT BRIDGE PIER AND SIGN FOUNDATION

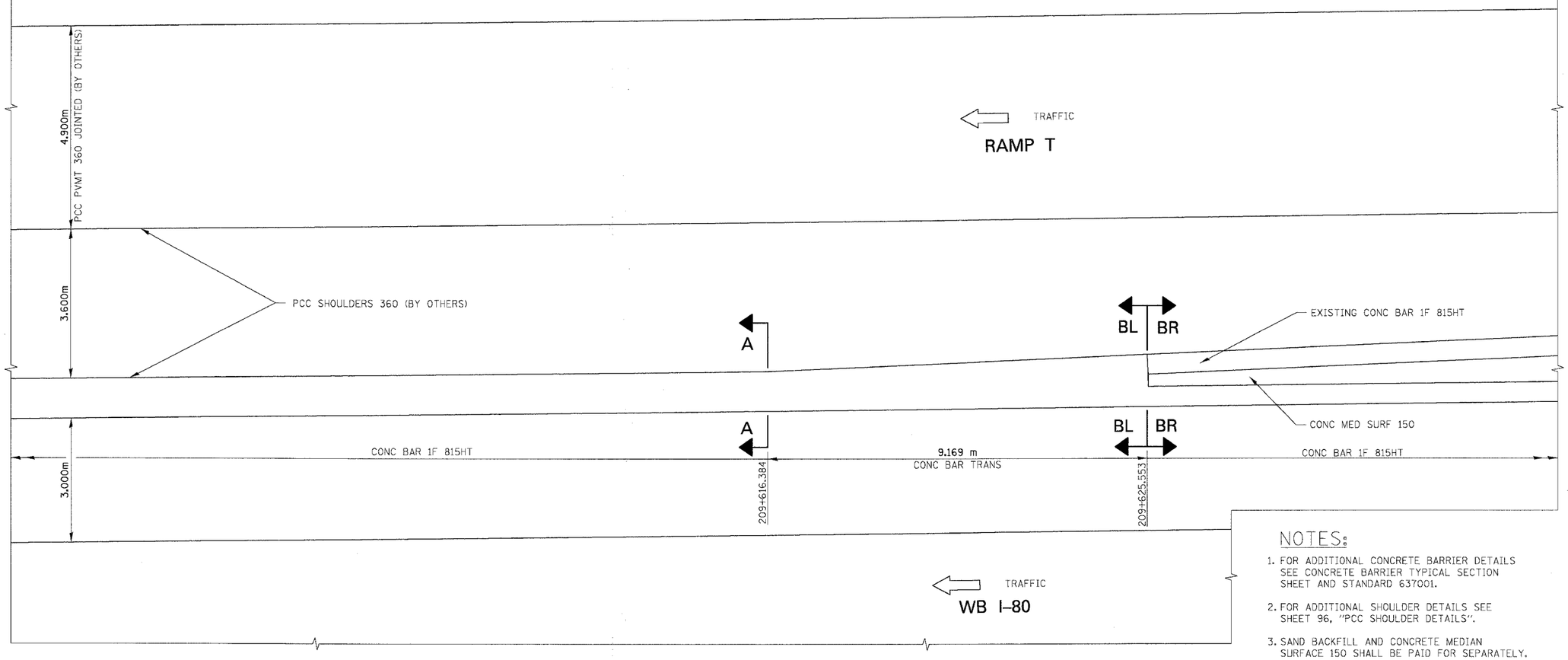
SCALE NONE DRAWN BY ACE/CAD
DATE 10/03 CHECKED BY

AMERICAN CONSULTING ENGINEERS

..\CONCBARDET.DGN 8-18-2005, 10:09:32 BALZEKKJ
F:\DOCUMENT\93750\CIVIL\DGN\FD170031A.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	102
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

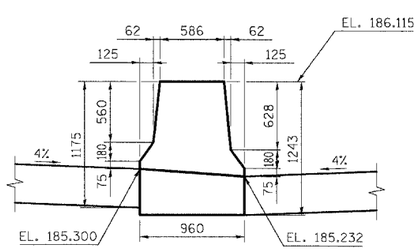
* (2425 & 2626) R-2 CONTRACT NO. 62111



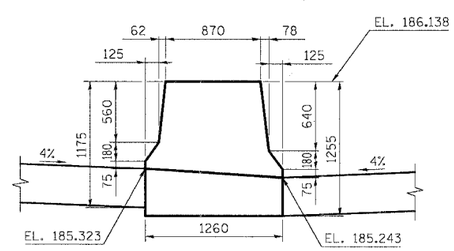
PLAN VIEW

NOTES:

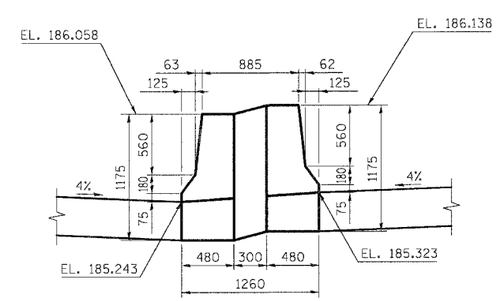
1. FOR ADDITIONAL CONCRETE BARRIER DETAILS SEE CONCRETE BARRIER TYPICAL SECTION SHEET AND STANDARD 637001.
2. FOR ADDITIONAL SHOULDER DETAILS SEE SHEET 96, "PCC SHOULDER DETAILS".
3. SAND BACKFILL AND CONCRETE MEDIAN SURFACE 150 SHALL BE PAID FOR SEPARATELY.
4. SEE THE ELECTRICAL RACEWAY PLANS FOR CONDUIT LOCATIONS.



SECTION A-A



SECTION BL-BL



SECTION BR-BR

REVISIONS	
NAME	DATE

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

CONCRETE BARRIER TRANSITION DETAILS AT RAMP T GORE

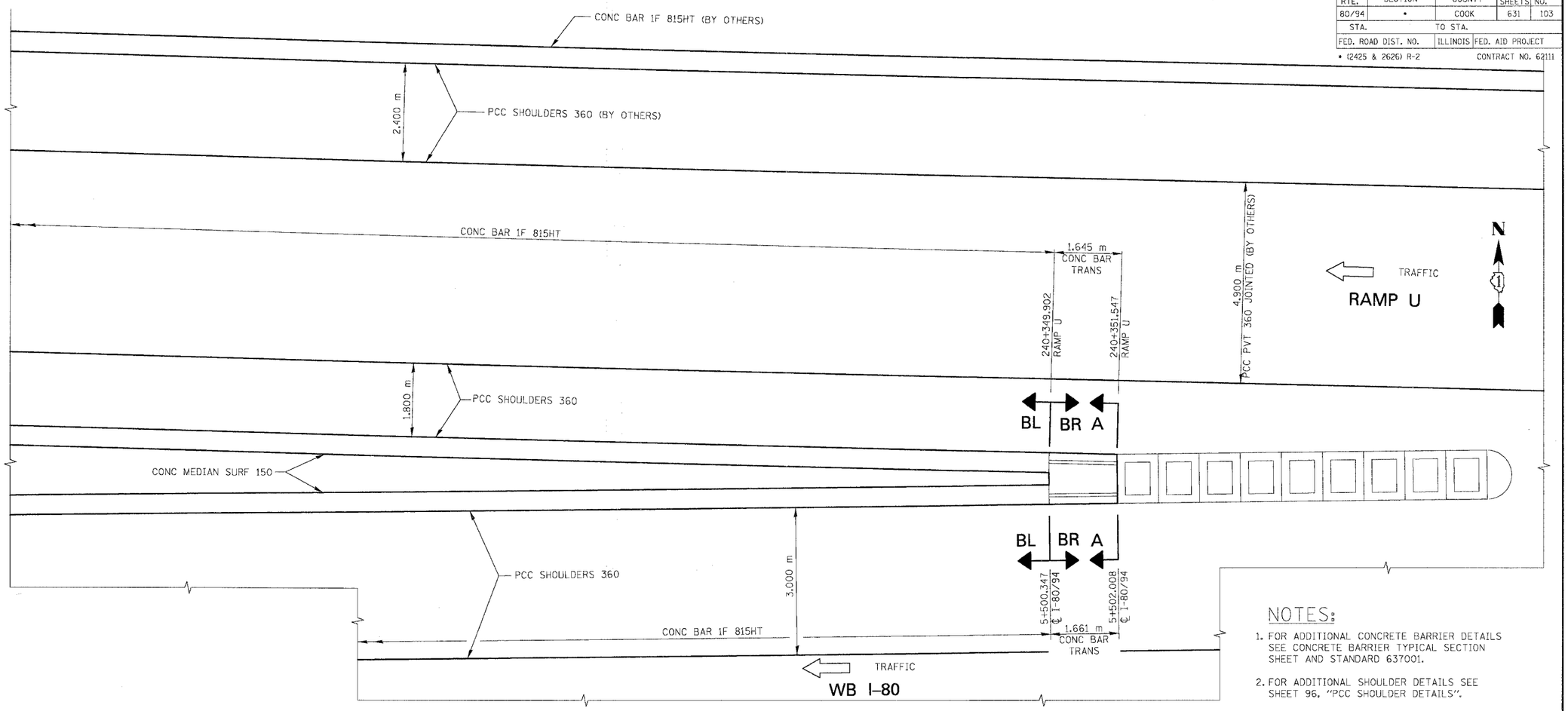
SCALE:
DATE: 8/22/05
DRAWN BY: AG
CHECKED BY:

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

..\R99G002A.DGN,..\R99G002A.DGN,..\PRT002A.DGN,..\G99R002A.DGN,..\R99G022A.DGN
8-18-2005, 10:09:34 T:\DOCUMENT\931750\CIVIL\DGN\P078022A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	103
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

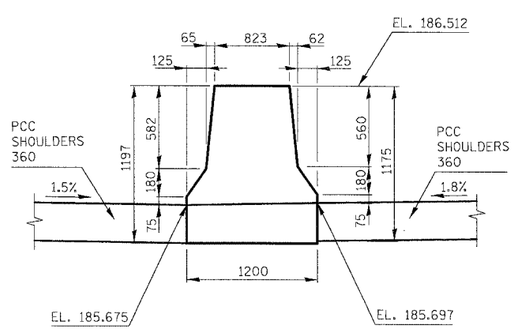
* (2425 & 2626) R-2 CONTRACT NO. 62111



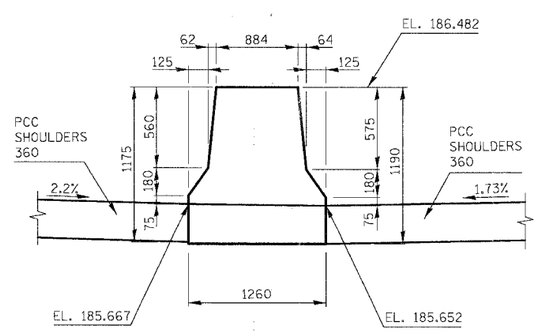
PLAN VIEW

NOTES:

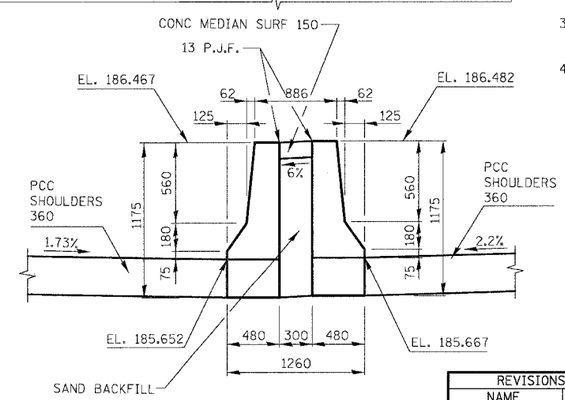
1. FOR ADDITIONAL CONCRETE BARRIER DETAILS SEE CONCRETE BARRIER TYPICAL SECTION SHEET AND STANDARD 637001.
2. FOR ADDITIONAL SHOULDER DETAILS SEE SHEET 96, "PCC SHOULDER DETAILS".
3. SAND BACKFILL AND CONCRETE MEDIAN SURFACE 150 SHALL BE PAID FOR SEPARATELY.
4. SEE THE ELECTRICAL RACEWAY PLANS FOR CONDUIT LOCATIONS.



SECTION A-A



SECTION BR-BR



SECTION BL-BL

REVISIONS	
NAME	DATE

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

CONCRETE BARRIER TRANSITION DETAILS AT RAMP U GORE

SCALE:
DATE: 8/22/05
DRAWN BY: MK
CHECKED BY:

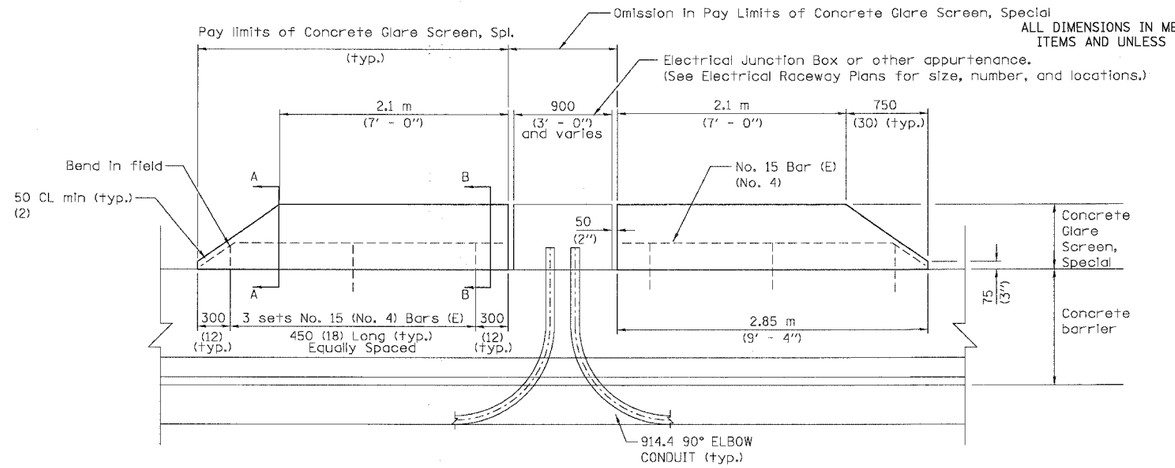
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\PR99D02A.DGN, ..\A899D02A.DGN, ..\PR17D02A.DGN, ..\NG99D02A.DGN, ..\NR99D02A.DGN, ..\PR17D02A.DGN
8-18-2005, 10:09:36 T:\DOCUMENT\93750\CIVIL\DGN\P07B02A.DGN BAJZEKKJ
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

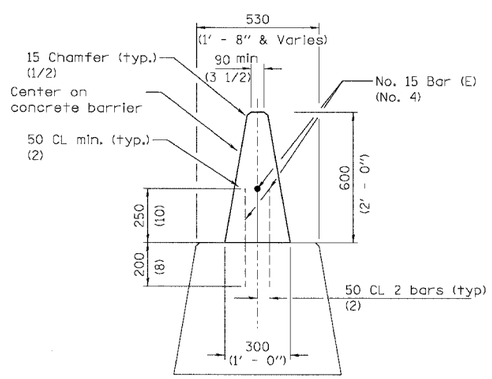
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	104
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

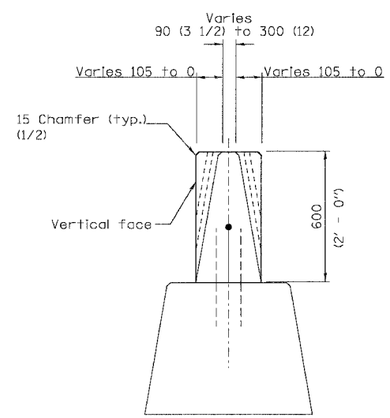
ALL DIMENSIONS IN METERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWISE



ELEVATION



SECTION A-A



SECTION B-B

(This section with vertical face shall be used in tangent sections between junction boxes and or other appurtenances.)

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY

CONCRETE GLARE SCREEN, SPECIAL

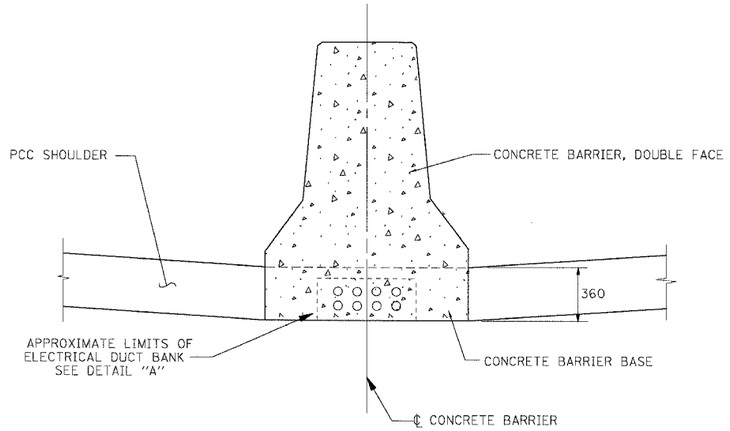
SCALE NONE DRAWN BY ACE/CAD
DATE 06/05 CHECKED BY

AMERICAN CONSULTING ENGINEERS

..\RDD0001A.DGN
8-18-2005, 10:09:34
T:\DOCUMENT\93PT50\CIVIL\DGN\PD17023A.DGN
BAJZEKKJ

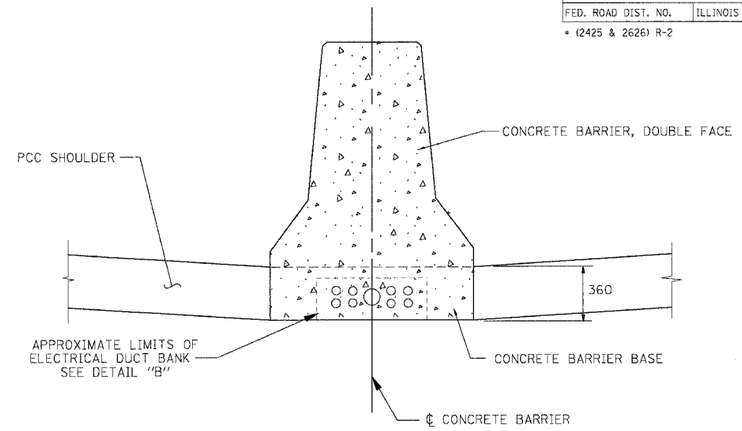
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	105
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



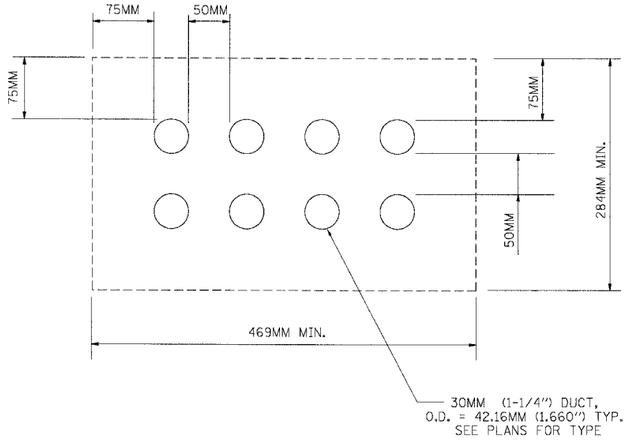
CONCRETE BARRIER, DOUBLE FACE

SHOWING 8 DUCT BANK



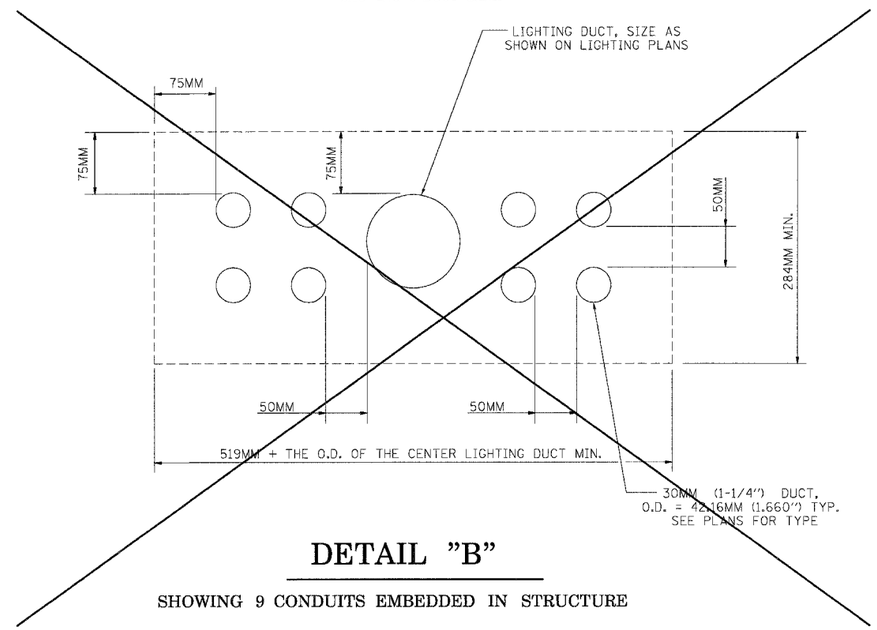
CONCRETE BARRIER, DOUBLE FACE

SHOWING 9 DUCT BANK



DETAIL "A"

SHOWING 8 CONDUITS EMBEDDED IN STRUCTURE



DETAIL "B"

SHOWING 9 CONDUITS EMBEDDED IN STRUCTURE

NOTES:

1) SEE "CONCRETE BARRIER DETAILS" FOR ADDITIONAL DETAILS OF THE CONCRETE BARRIER AND CANCRETE BARRIER BASE.

2) SEE PLANS FOR TYPES OF CONDUIT ENCASED IN CONCRETE.

3) THE LIGHTING DUCT SHALL BE OF THE TYPE AND SIZE AS SHOWN ON THE LIGHTING PLANS.

REVISIONS	
NAME	DATE

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

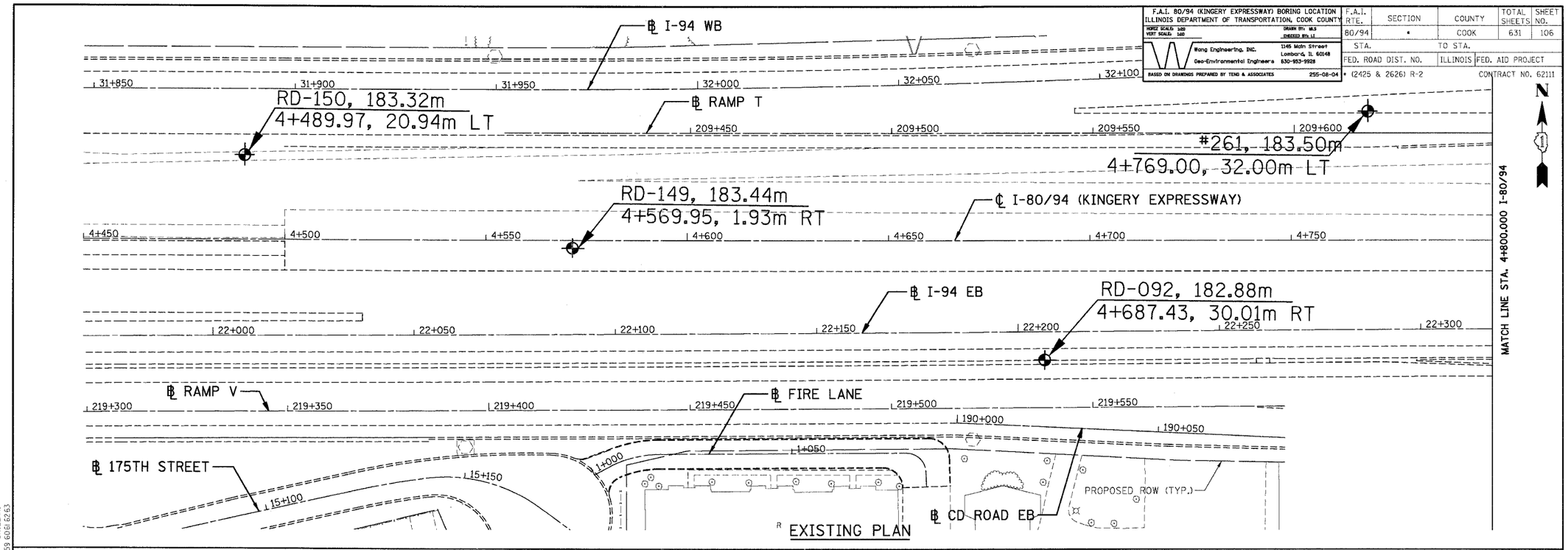
DETAILS FOR CONDUITS EMBEDDED IN CONCRETE BARRIER BASE

SCALE DRAWN BY ACE/CAD
DATE 02/04 CHECKED BY

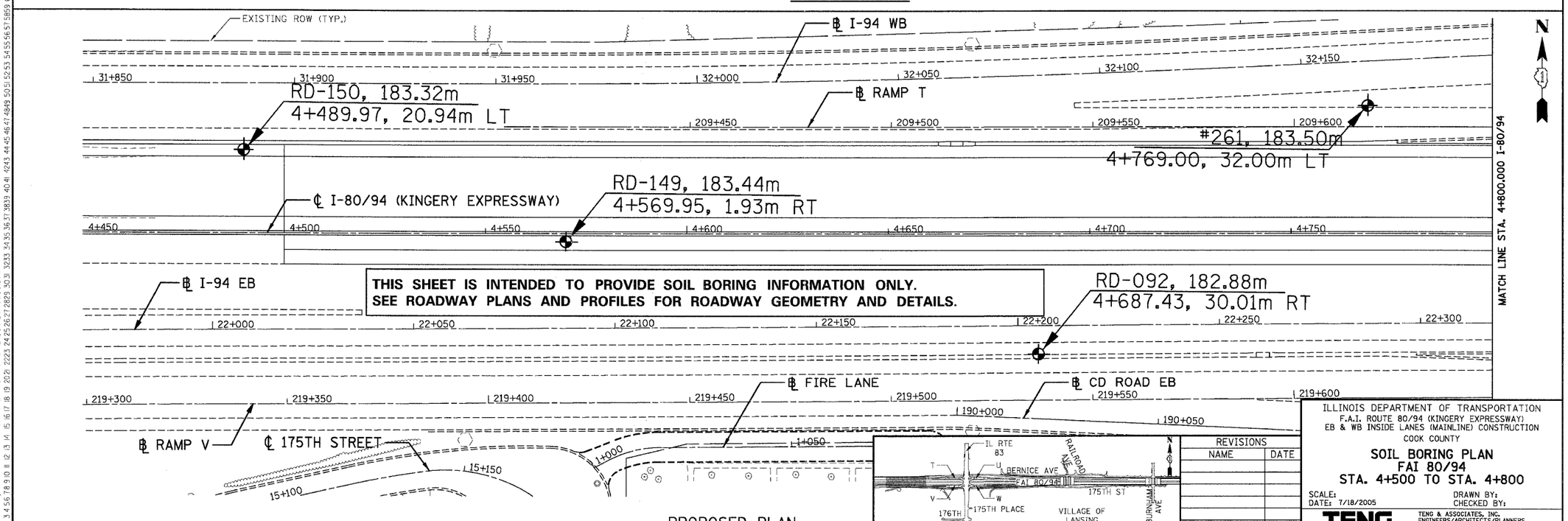
AMERICAN CONSULTING ENGINEERS

..\A89900ZA.DGN
8-18-2005,10:09:35
I:\DOCUMENT\93170\CIVIL\DGN\P0170310A.DGN

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORZ SCALE: 1:20 VERT SCALE: 1:20 DRAWN BY: MLS CHECKED BY: LI	80/94	*	COOK	631	106
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES 255-08-04	* (2425 & 2626) R-2		CONTRACT NO. 62111		



EXISTING PLAN



THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.

PROPOSED PLAN

REVISIONS	
NAME	DATE

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

SOIL BORING PLAN
FAI 80/94
STA. 4+500 TO STA. 4+800

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

..\RE_4500_4800.DGN,..\A8990092A.DGN
7-12-2005, 10:35:
TX:\DOCUMENT\93750\CIVIL\DGN\BOT0006.DGN
BAJZEKKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION
ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY

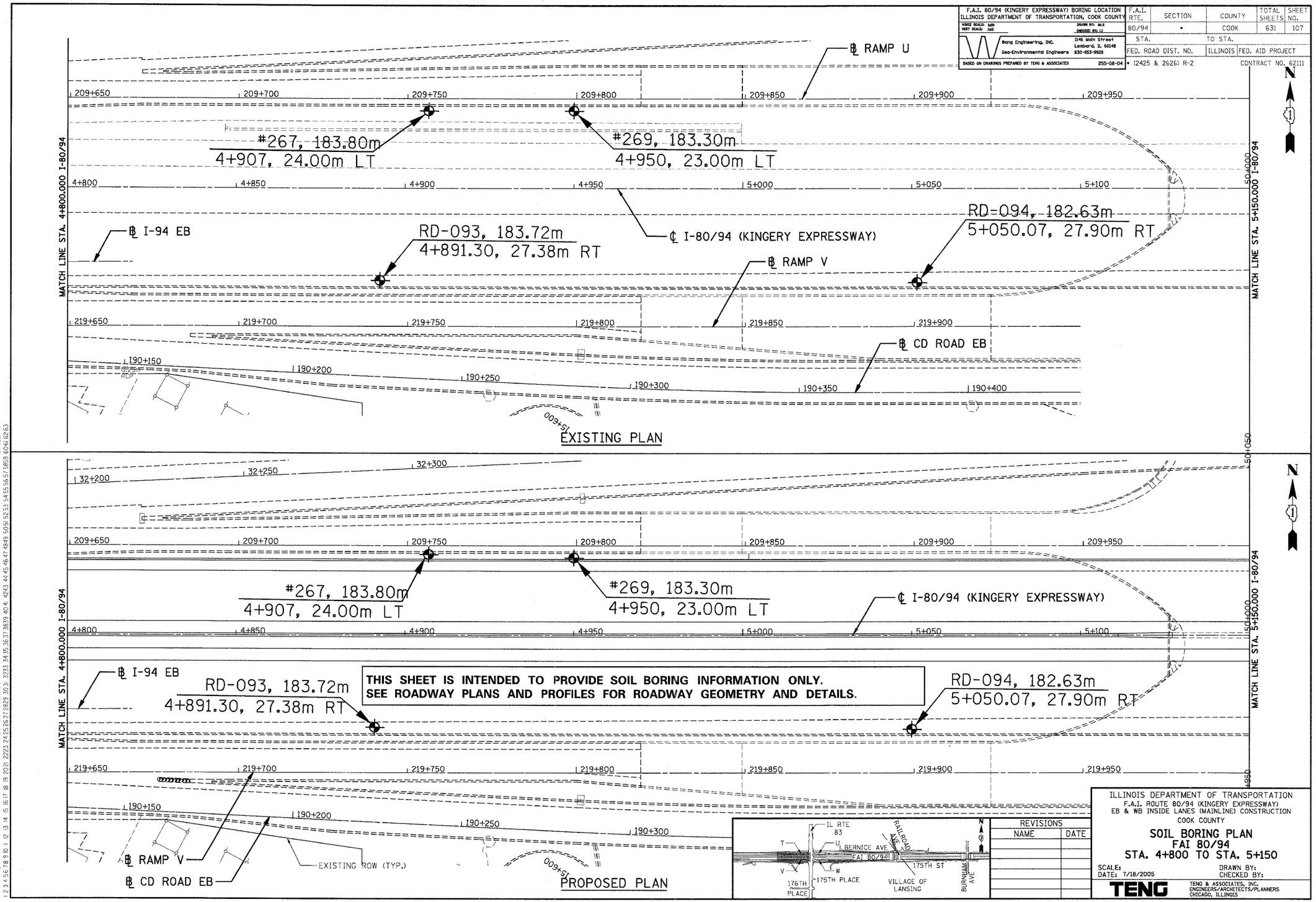
HORIZ SCALE: 1:20 DRAWN BY: MLS
VERT SCALE: 1:40 CHECKED BY: LJ

Weng Engineering, INC. 1145 Main Street Lombard, IL 60148
Geo-Environmental Engineers 630-953-9928

BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES 255-08-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	107
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.

REVISIONS	
NAME	DATE

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

SOIL BORING PLAN
FAI 80/94
STA. 4+800 TO STA. 5+150

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

BAUZEKAJ
37589 60616263
..\RE_4800_5150.DGN, ..\AB99001A.DGN
7-12-2005, 08:34P
T:\DOCUMENT\93175D\CIVIL\DGN\B0170022S.DGN
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

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION
ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY

HORIZ SCALE: 1:20 VERT SCALE: 1:20 — DRAWN BY: MLS — CHECKED BY: LT

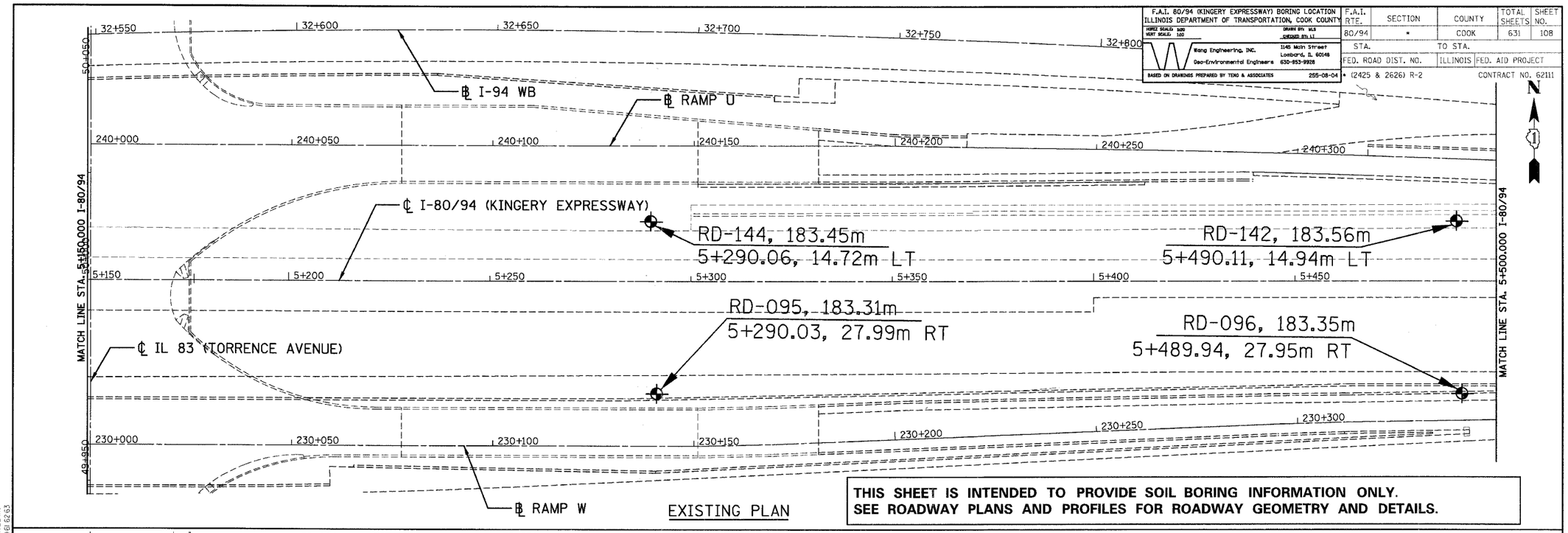
Wang Engineering, INC. — 1145 Main Street, Lombard, IL 60148
Geo-Environmental Engineers — 630-953-9928

BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES 255-08-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	108
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

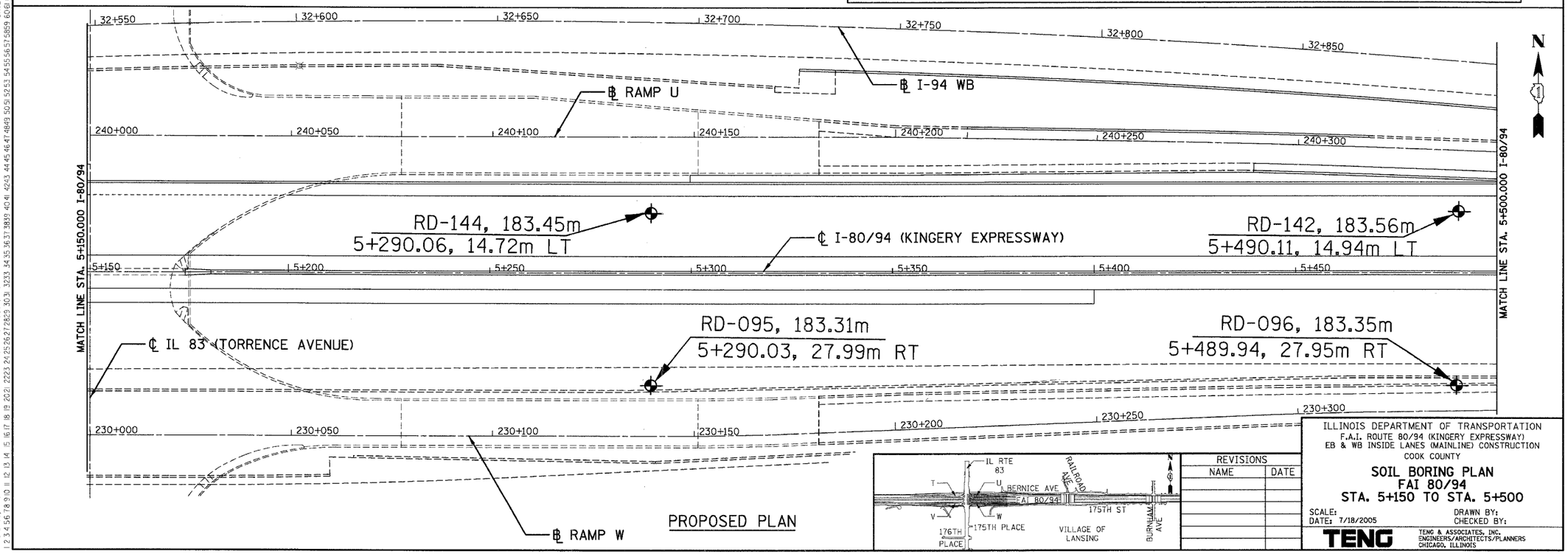
* (2425 & 2626) R-2

CONTRACT NO. 62111



EXISTING PLAN

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



PROPOSED PLAN

REVISIONS	
NAME	DATE

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

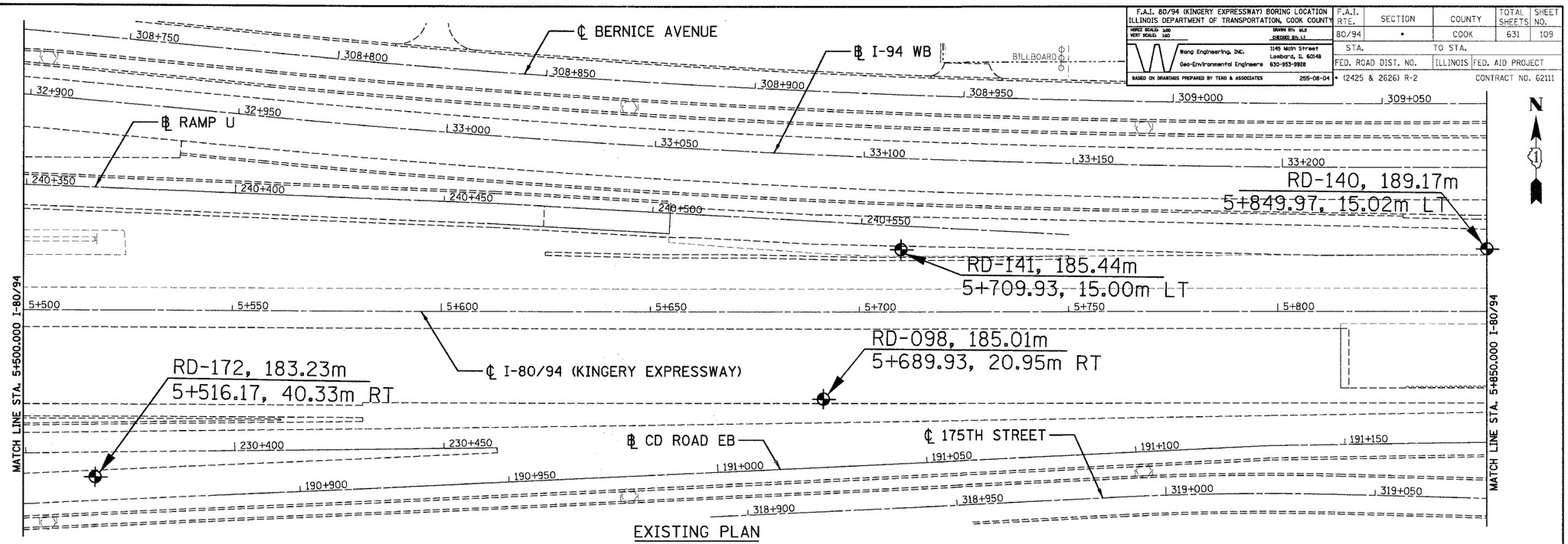
SOIL BORING PLAN
FAI 80/94
STA. 5+150 TO STA. 5+500

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

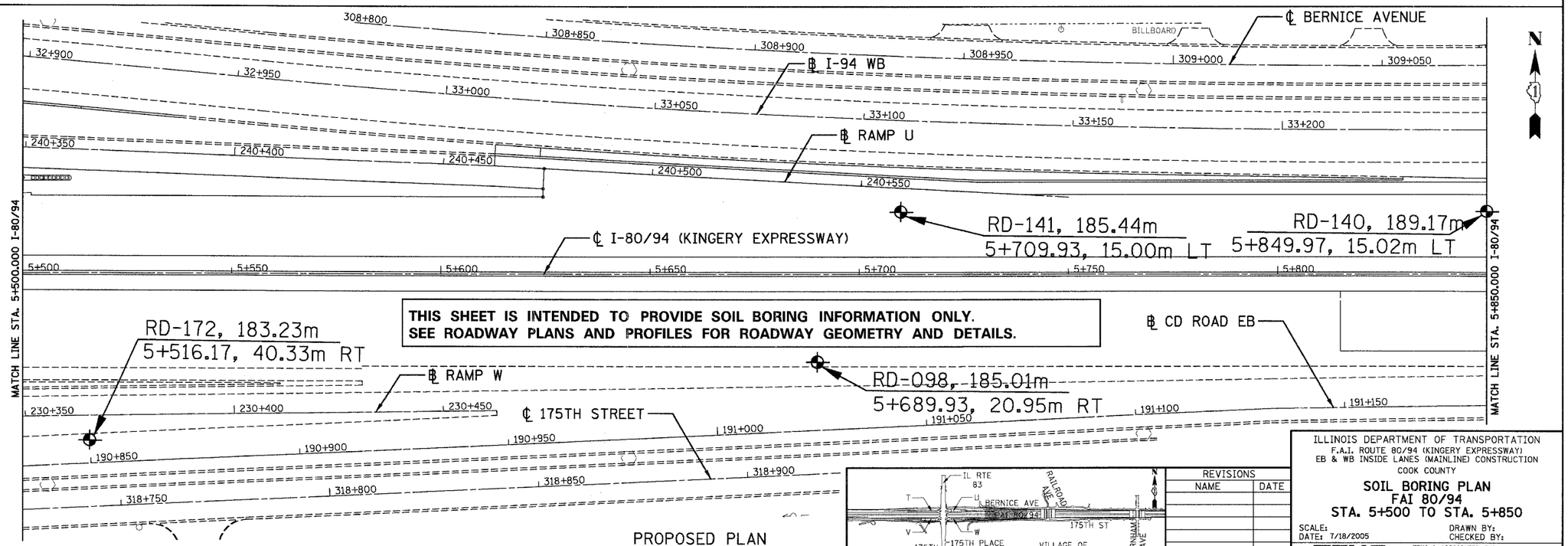
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\5E_550_5500.DGN, ..\AB930092A.DGN
7-12-2005, 10:35:13 T:\DOCUMENT\93750\CIVIL\DGN\B0170032C.DGN
BAJZEKKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:200 VERT SCALE: 1:60 DRAWN BY: WLS CHECKED BY: LT	80/94	*	COOK	631	109
Wang Engineering, INC. 1145 North Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

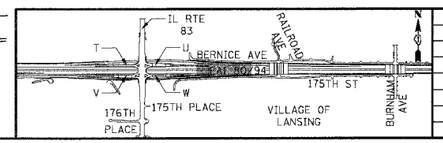


EXISTING PLAN



THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.

PROPOSED PLAN



REVISIONS	
NAME	DATE

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

SOIL BORING PLAN
FAI 80/94
STA. 5+500 TO STA. 5+850

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

BAJZEKKJ

..\RE_5500_5850.DGN, ..\AB99002A.DGN
7-12-2005, 10:35:14 F:\DOCUMENT\95150\CIVIL\DGN\80T00402C.DGN
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. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION
ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY

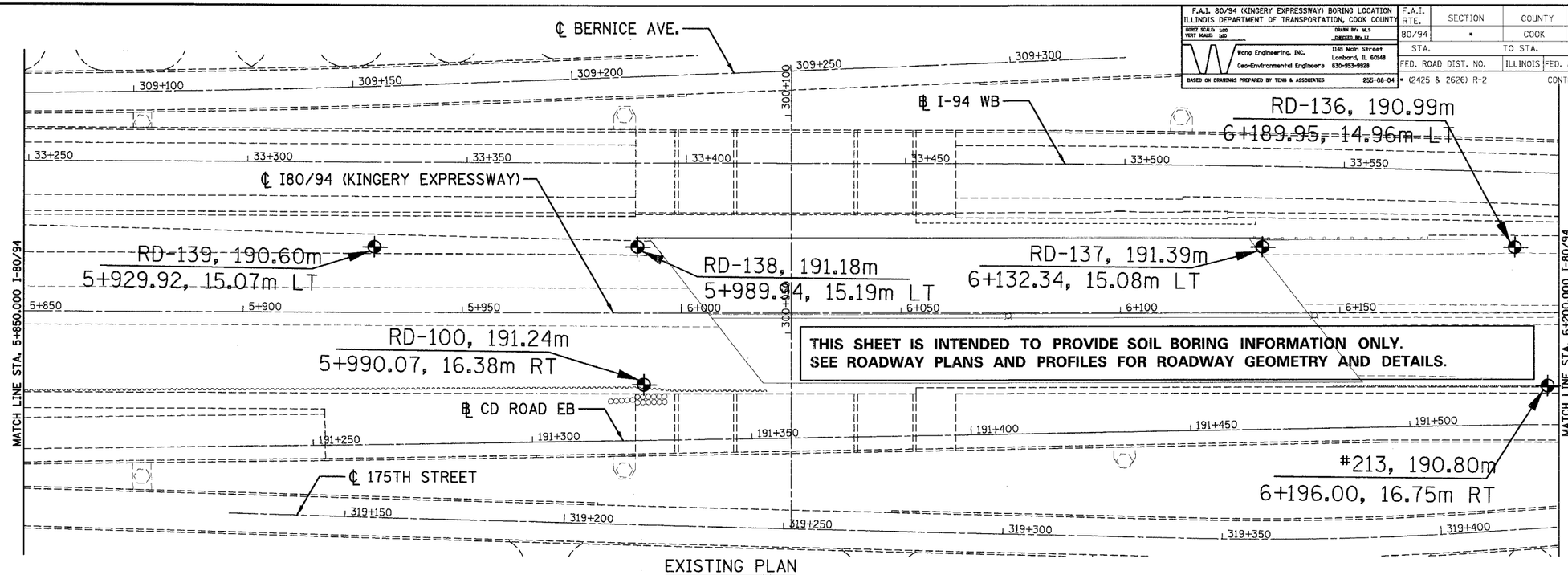
HORIZ SCALE: 1:20 VERT SCALE: 1:20 — DRAWN BY: MLS CHECKED BY: LJ

Wang Engineering, Inc. Geo-Environmental Engineers — 1145 Main Street Lombard, IL 60148 630-953-9928

BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES 255-08-04

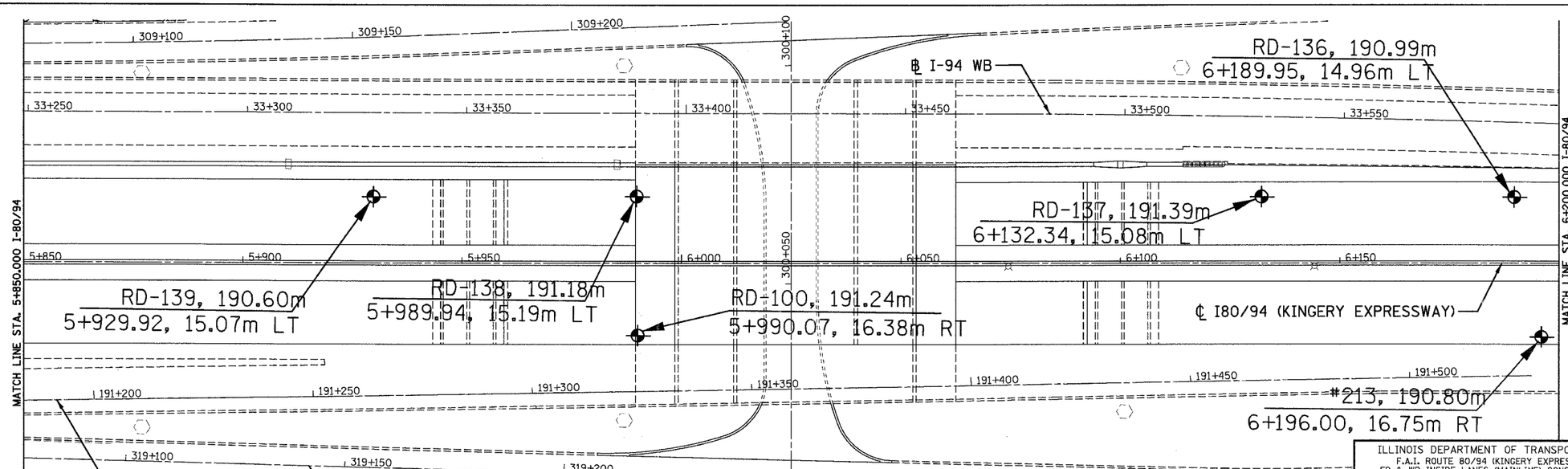
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	110
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

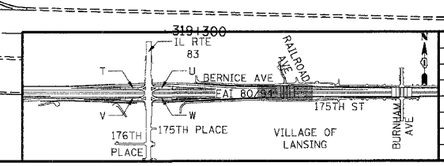


THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.

EXISTING PLAN



PROPOSED PLAN



REVISIONS	
NAME	DATE

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

SOIL BORING PLAN
FAI 80/94
STA. 5+850 TO STA. 6+200

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

..\RE_5850_6200.DGN, ..\N89990024.DGN
7-12-2005, 10:43:15
T:\DOCUMENT\N93750\CIVIL\DGN\B0170052C.DGN
RAJZEKKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION
ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY

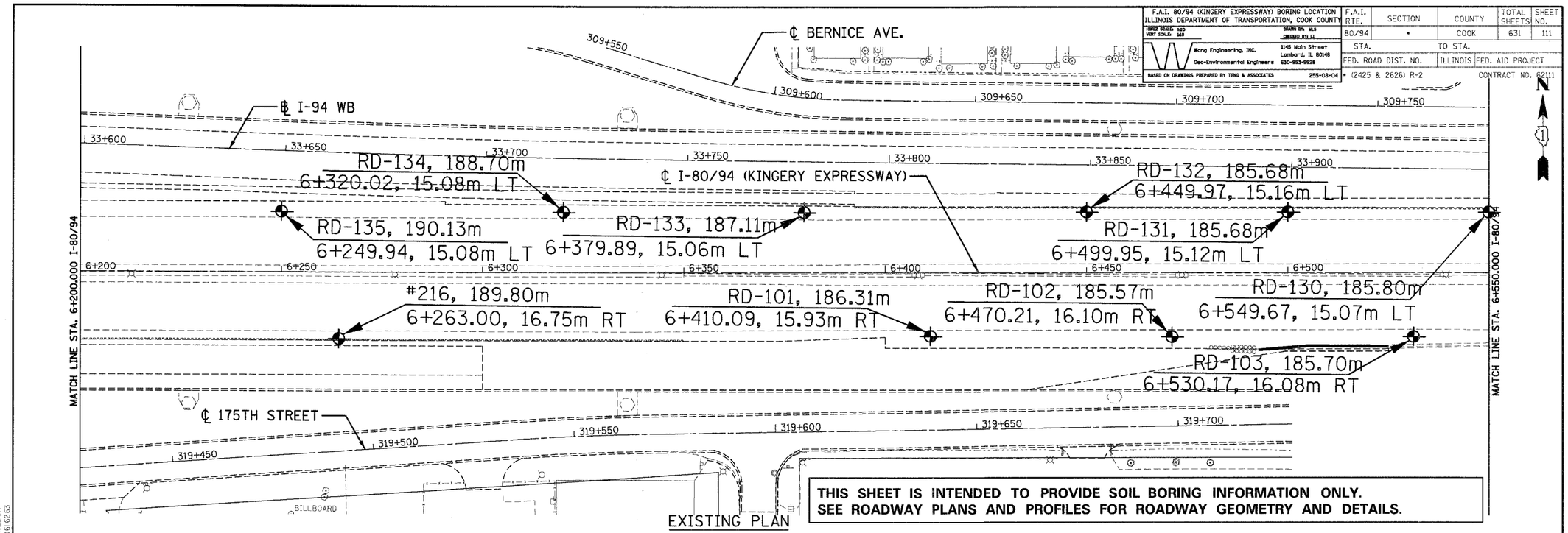
HORIZ SCALE: 1:20 VERT SCALE: 1:50 DRAWN BY: MLS CHECKED BY: LJ

Wang Engineering, Inc. Geo-Environmental Engineers
1145 Main Street Lombard, IL 60148 630-953-9928

BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES 255-08-04

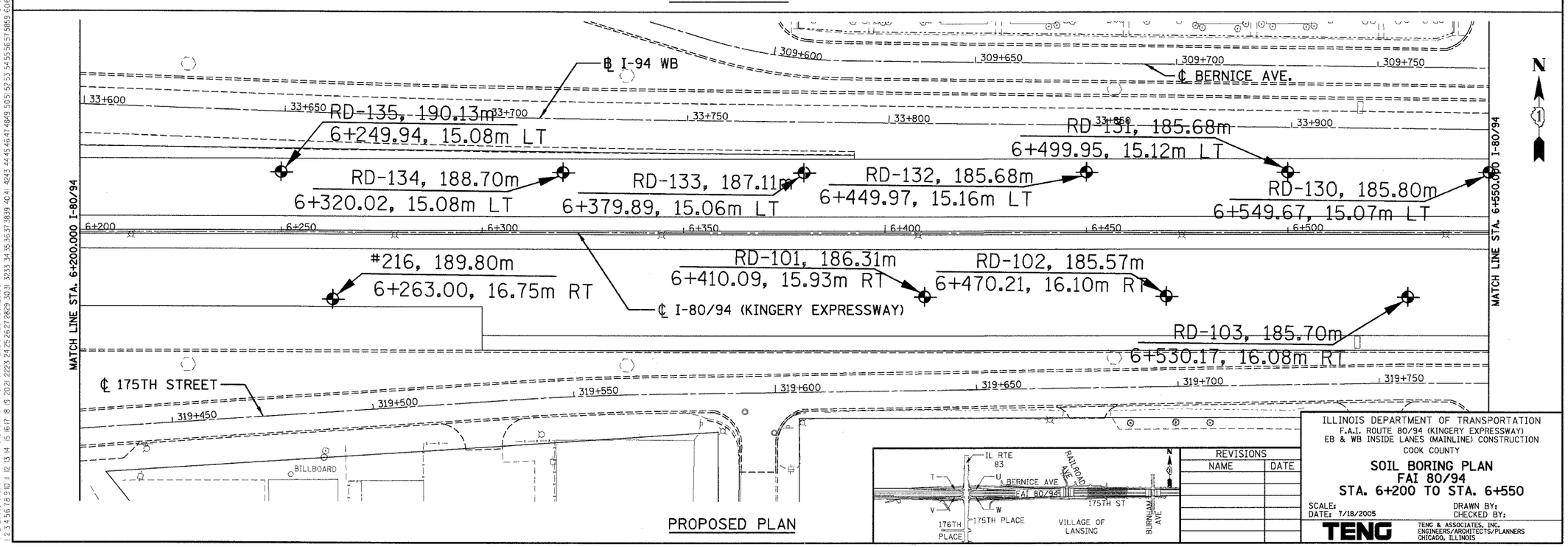
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	111
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



EXISTING PLAN

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



PROPOSED PLAN

REVISIONS	
NAME	DATE

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

SOIL BORING PLAN
FAI 80/94
STA. 6+200 TO STA. 6+550

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

BAUZEKKJ
..\RE_6200_6550.DGN, ..\A8990002A.DGN
T:\DOCUMENT\93750\CIVIL\DGN\B0700652.DGN
7-22-2005, 10:03:16

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION
ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY

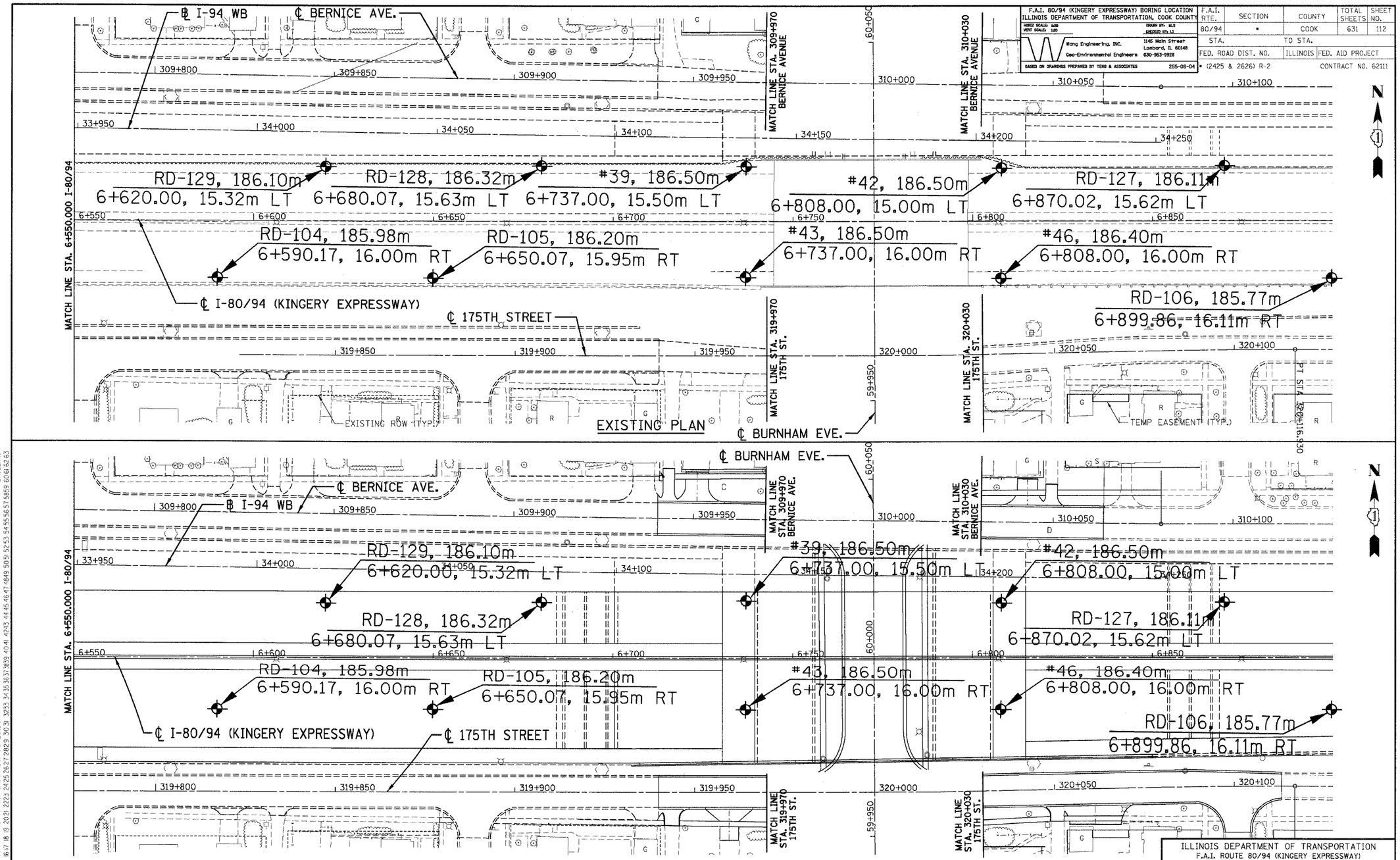
HORIZ SCALE: 1:60 VERT SCALE: 1:60 — DRAWN BY: MLS — CHECKED BY: LJ

Wang Engineering, Inc. — Geo-Environmental Engineers — 1145 Main Street, Lombard, IL 60148 — 630-953-9928

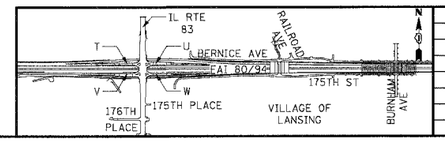
BASED ON DRAWINGS PREPARED BY TENG & ASSOCIATES — 255-08-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	112
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PLAN
FAI 80/94
STA. 6+550 TO STA. 6+814.721

SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

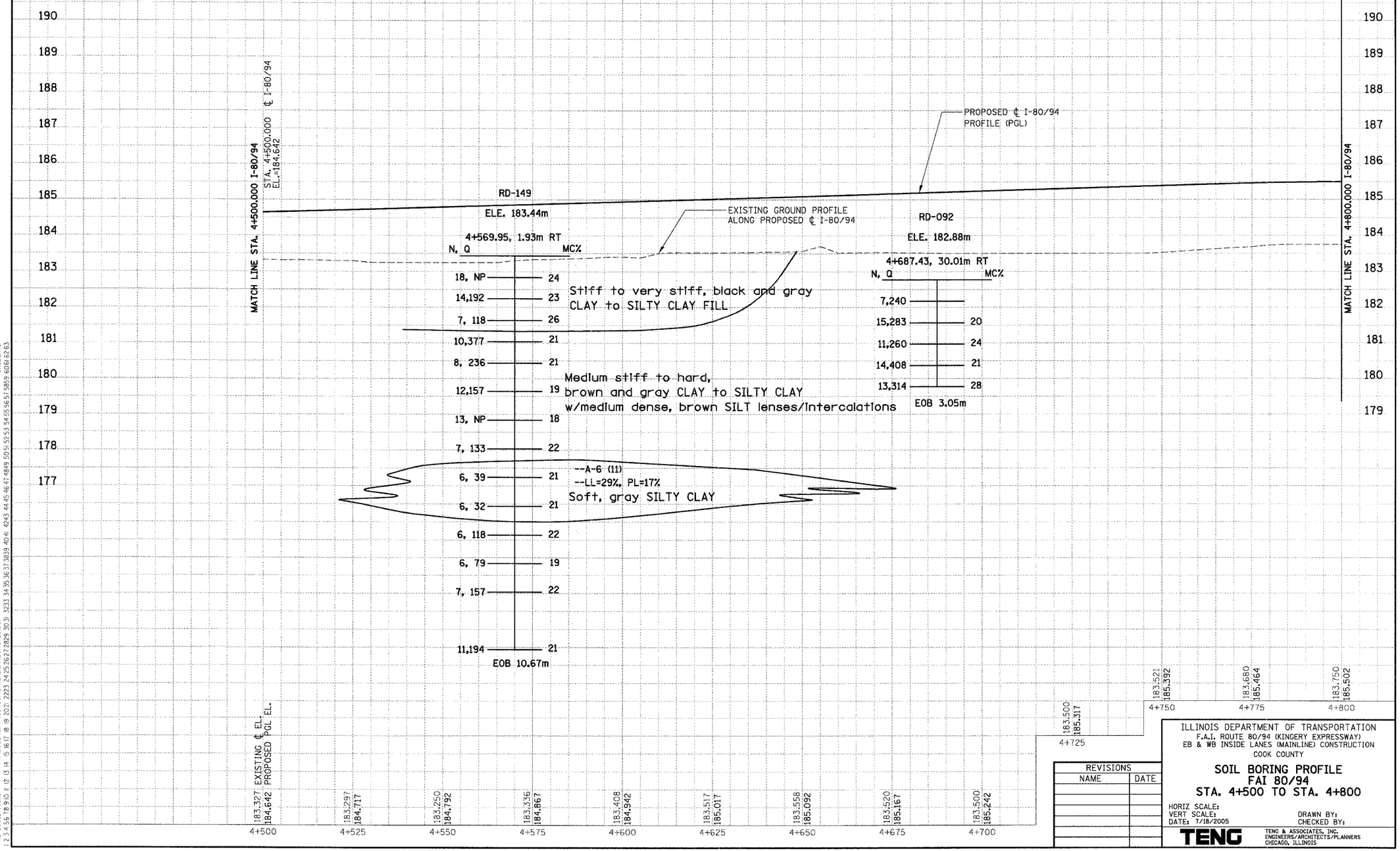
TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

BAJZEKKJ

..\RE_6550_6850.DGN,..\MB990012A.DGN
7-12-2005, 10:03:16 T:\VOLUME1\93175SN\CIVIL\DGN\B0170072G.DGN
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. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LI	80/94	*	COOK	631	113
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9528	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2		CONTRACT NO. 62111		

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 4+500 TO STA. 4+800

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

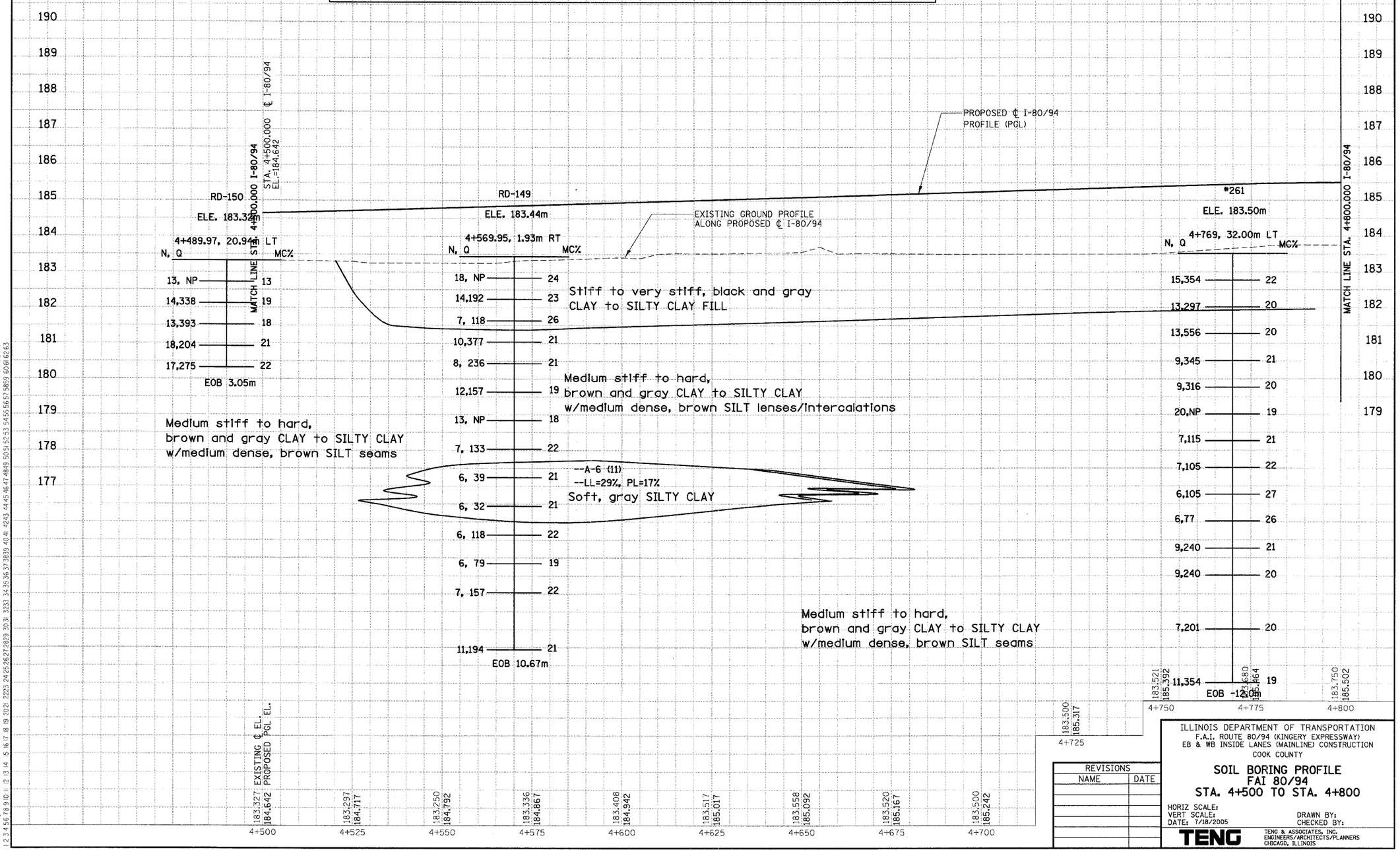
PRELIMINARY	BY	DATE
SURVEY	SURVEYED	
	PLOTTED	
NOTE BOOK	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	

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

..\4500_4800_EB_PR_DGN, ..\AB99D0PZ.DGN BAJZEWKJ
7-12-2005, 10:38 I:\DOCUMENT\93750\CIVIL\DGN\BORING.DGN 6/16/2/83

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: M.S CHECKED BY: L.T.	80/94	*	COOK	631	114
Wang Engineering, INC. 1146 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 4+500 TO STA. 4+800

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

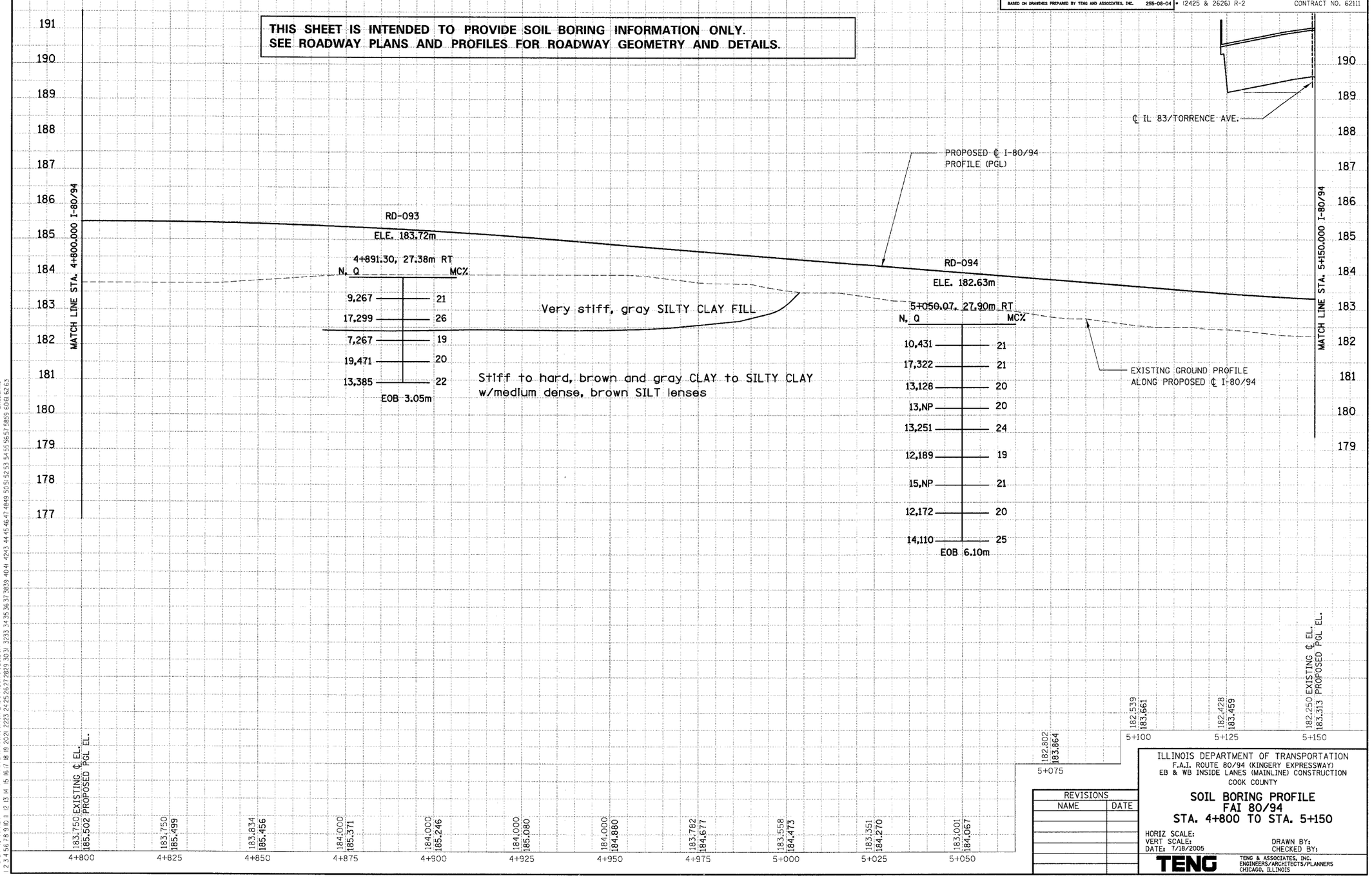
PRELIMINARY	BY	DATE
SURVEYED		
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

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

..\4500_4800_WB_PR_DGN, ..\A69990102A.DGN
7-12-2005, 10:59
T:\DOCUMENT\63750\CIVIL\DGN\0070226.DGN
BAZEKKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	115
Wang Engineering, Inc. 1146 Main Street Lombard, IL 60148	STA.		TO STA.		
Geo-Environmental Engineers 630-953-9928	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2		CONTRACT NO. 62111		

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 4+800 TO STA. 5+150

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005

DRAWN BY:
CHECKED BY:

TENG

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

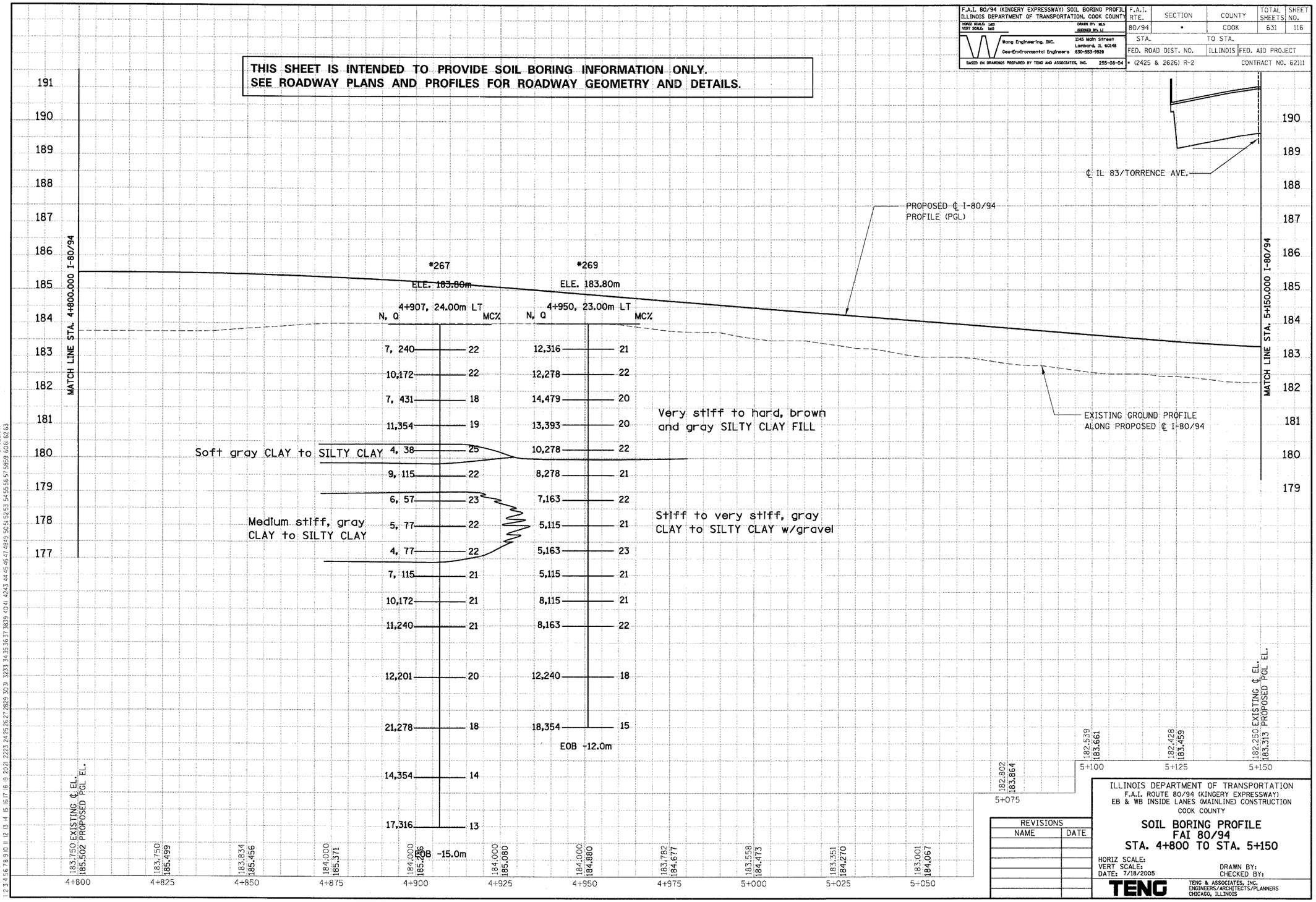
PRELIMINARY	BY	DATE
SURVEY		
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

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

BAJTEKKJ
7-12-2005,10:13:20
T:\DOCUMENT\953750\CIVIL\DGN\B0170320.DGN
..\4800-5150_EB_PR.DGN, ..\AB95002A.DGN

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:60 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	116
Wang Engineering, INC. Geo-Environmental Engineers 1145 Main Street Lombard, IL 60148 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY.
SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 4+800 TO STA. 5+150

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

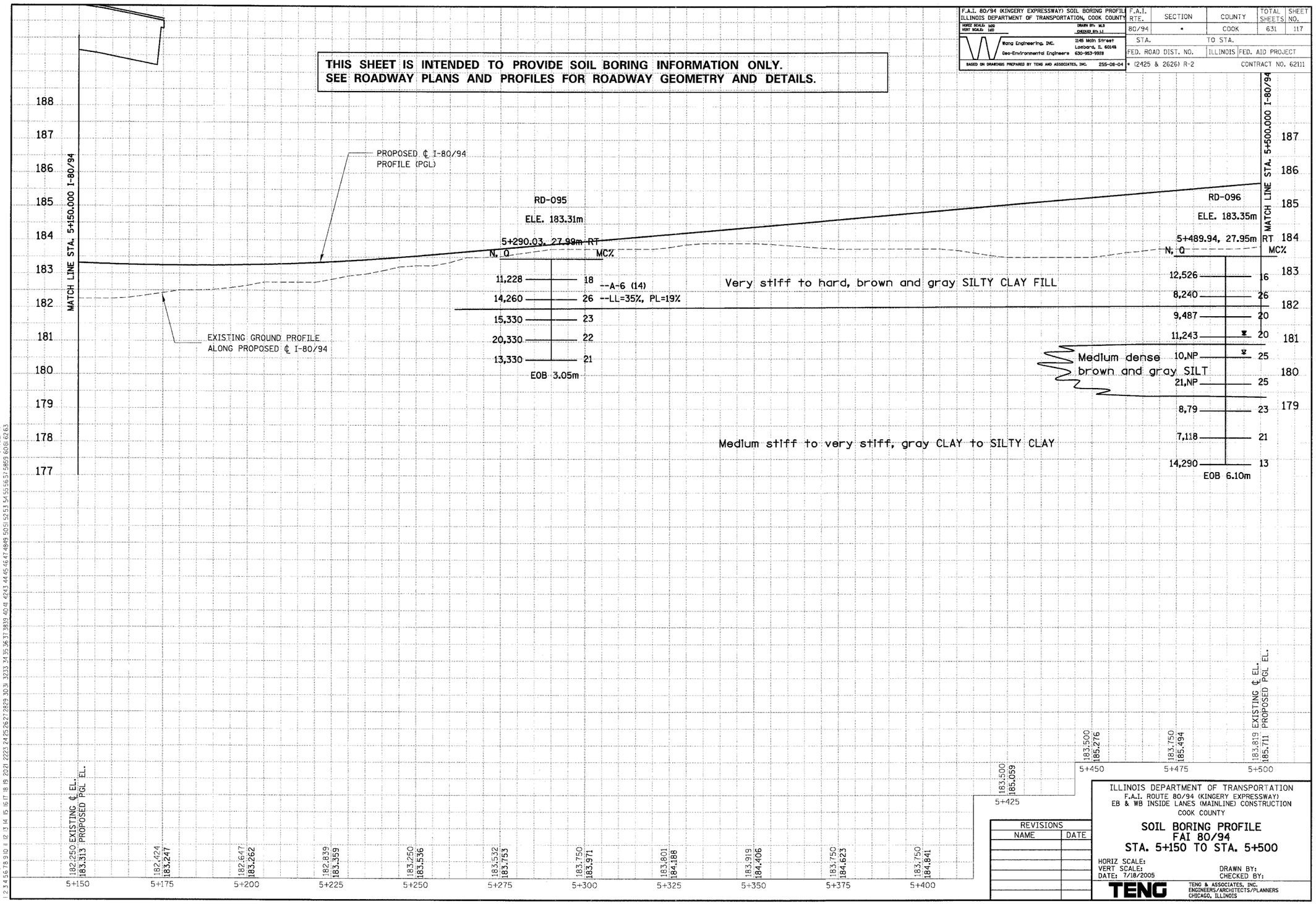
PRELIMINARY SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — NOTE BOOK NO. — BY — DATE

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

BAJZEK,J
7-12-2005,10:32:21
J:\4800.550_WB_PR_.DGN, J:\399600ALN.DGN
J:\DOCUMENT\193750\CIVIL\DGN\B0T10412C.DGN

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	117
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-963-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 5+150 TO STA. 5+500

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

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

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

BAJZEKAJ

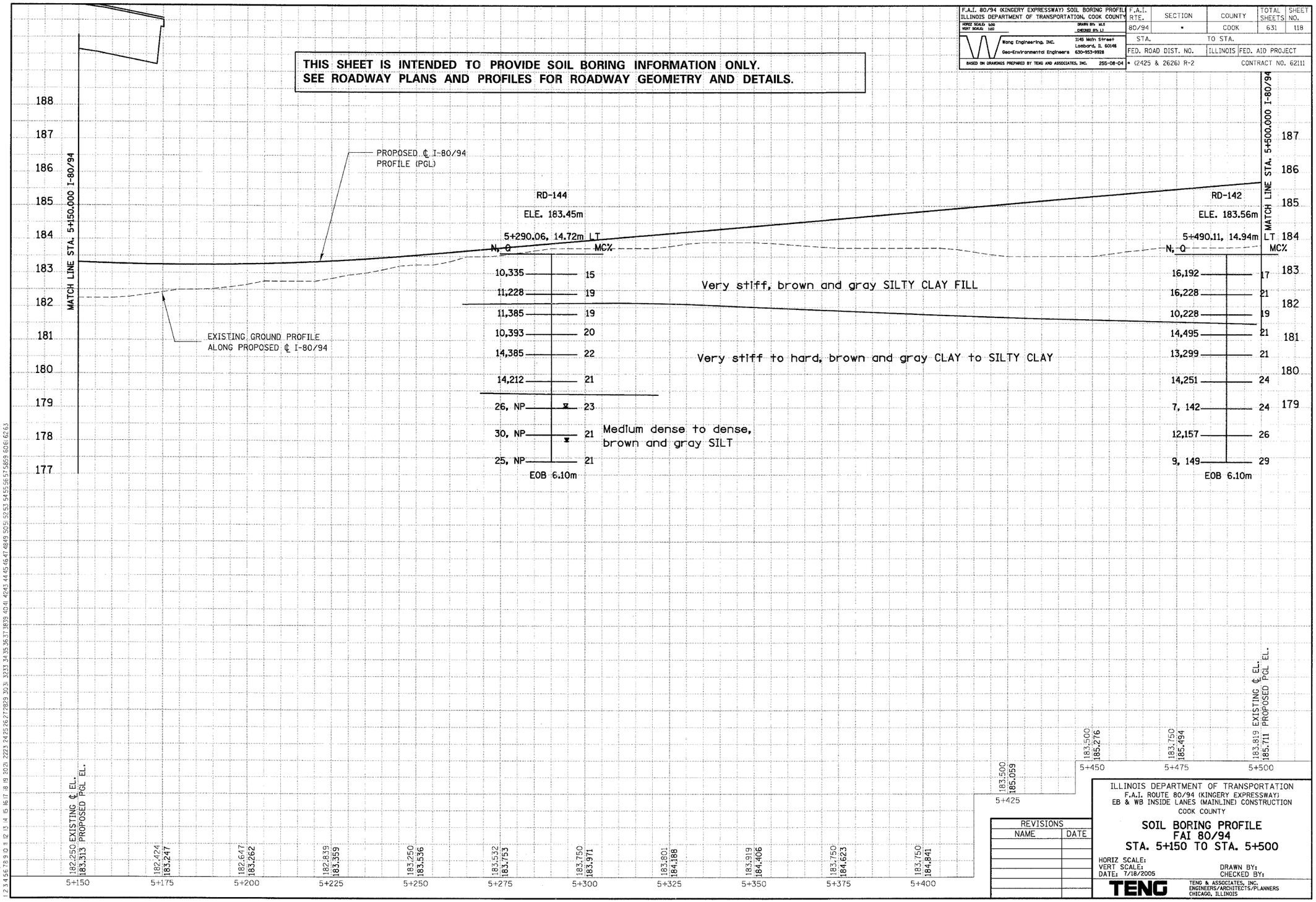
T:\DOCUMENTS\93750\CIVIL\DGN\B070652A.DGN

T-42-2005,1043522

.\5500_5500_EB_PR_.DGN, .\AB9900C2A.DGN

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:50 VERT SCALE: 1:50 DRAWN BY: WLS CHECKED BY: LJ	80/94	*	COOK	631	118
Wang Engineering, Inc. 1145 North Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 5+150 TO STA. 5+500

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

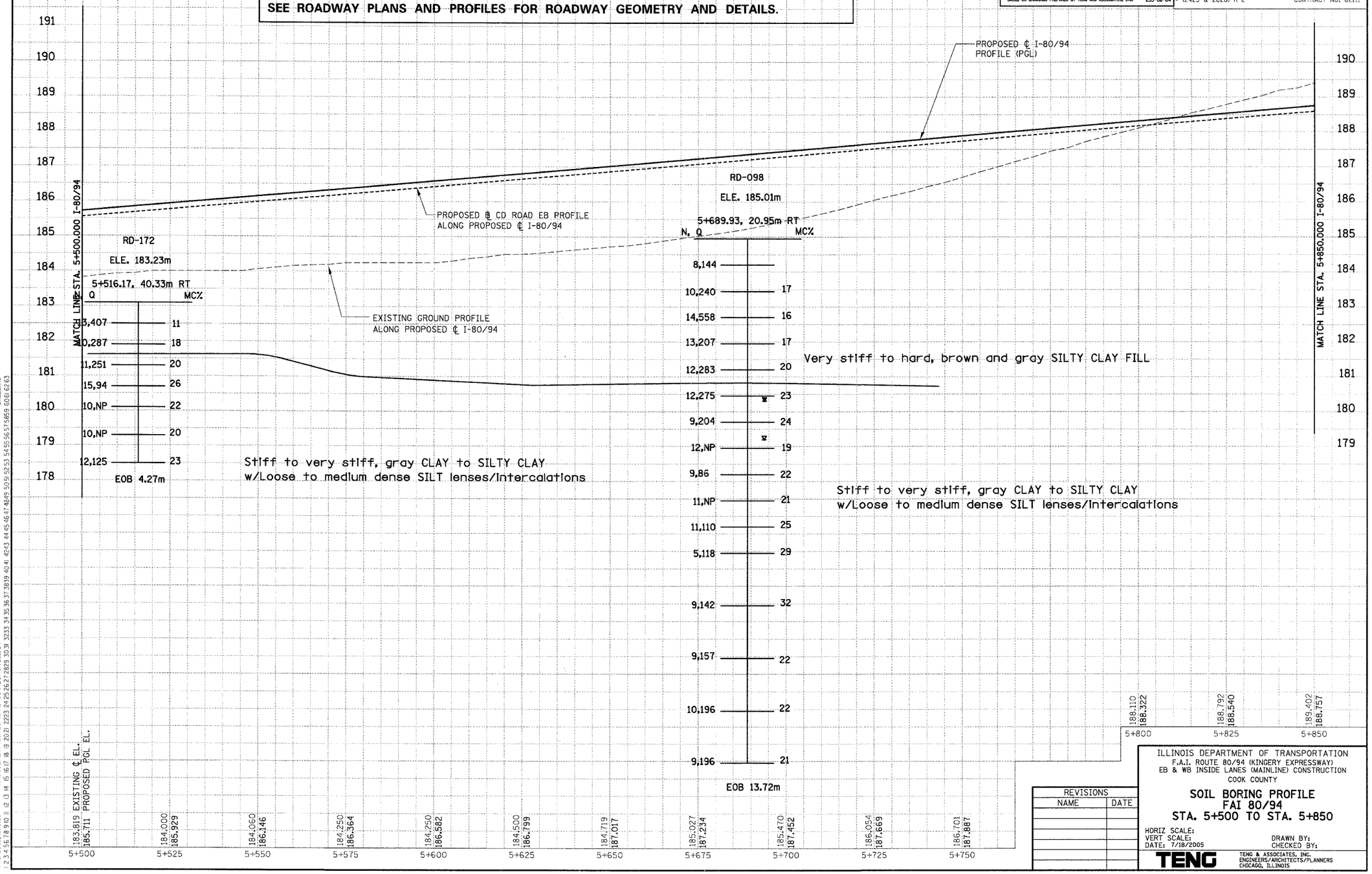
PRELIMINARY SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

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

BALZEKKJ
7-12-2005, 08:23
I:\DOCUMENT\93750\CIVIL\DGN\B070062C.DGN
..\5950_5500_WB_PR.DGN, ..\AB99002A.DGN

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFIL ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:60 VERT SCALE: 1:60 DRAWN BY: WLS CHECKED BY: LJ	80/94	*	COOK	631	119
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 5+500 TO STA. 5+850

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

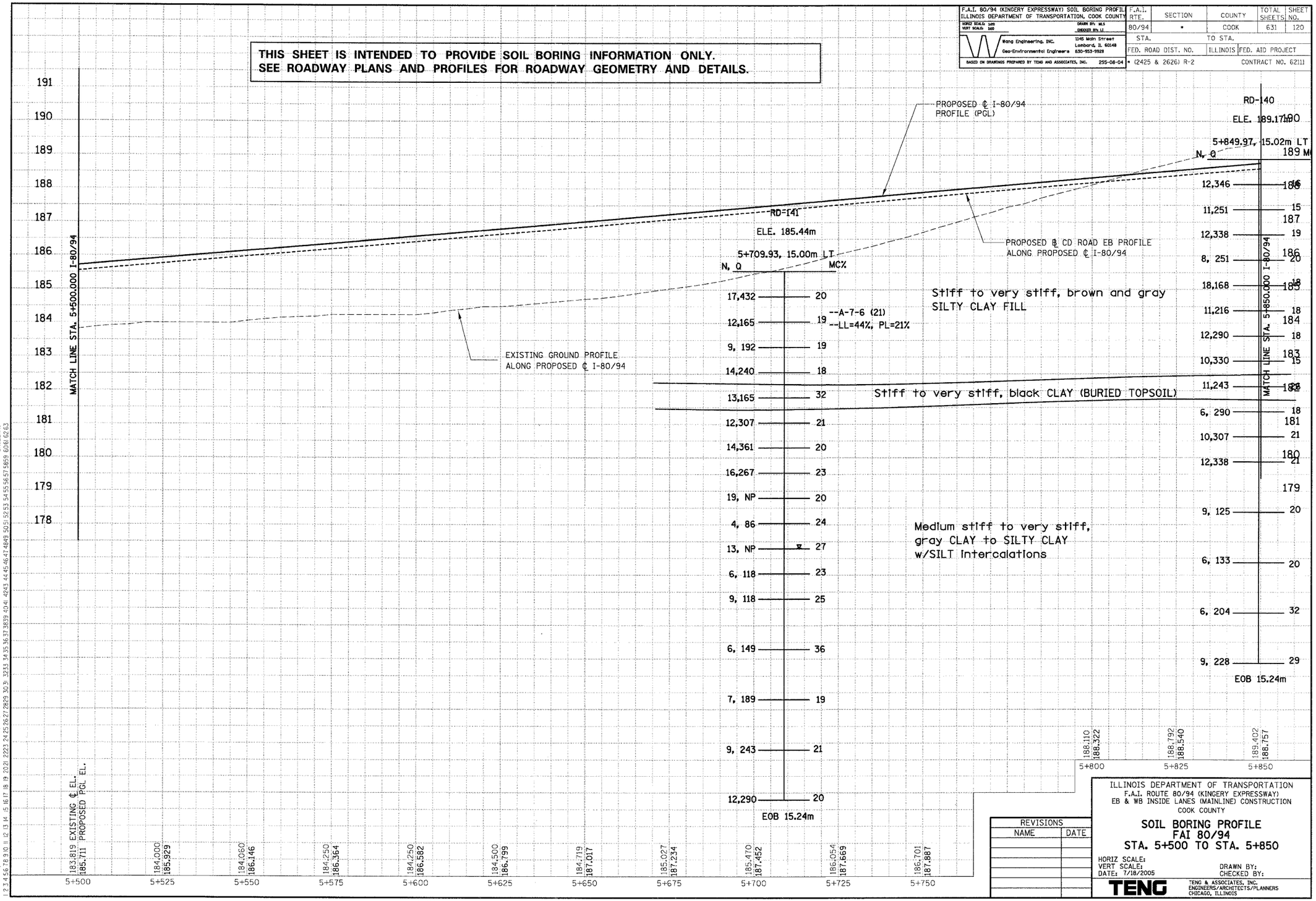
PRELIMINARY	BY	DATE
SURVEY		
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS		
NO.	CHECKED	

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

..\5500_5850_EB_PR.DGN, ..\A89S00CA.DGN
7-12-2005, 10:43:23 F:\DOCUMENT\93750\CIVIL\DGN\B07G0126.DGN
BAJZEK,J

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	120
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 5+500 TO STA. 5+850

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

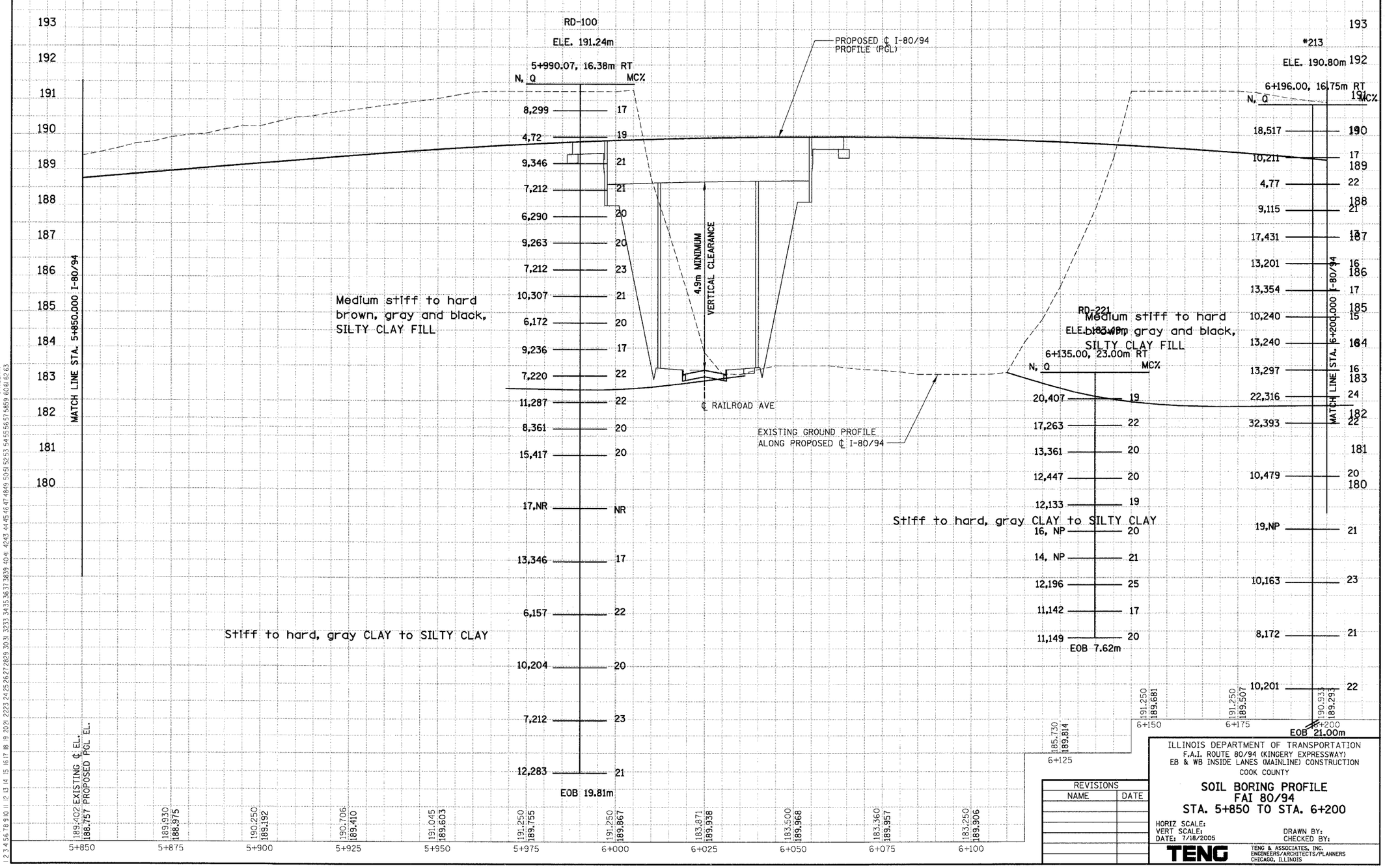
PRELIMINARY SURVEY: SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS, AREAS CHECKED, NO., BY, DATE

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

..\5500_5850_WB_PR..DGN, ..\B99G002A.DGN
7-14-2005, 9:42:45 F:\GEOMETRY\B9750\DWG\DGN\B9702B02A.DGN
BAZEKKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:50 VERT SCALE: 1:50 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	121
Wang Engineering, Inc. Geo-Environmental Engineers 1145 Main Street Lombard, IL 60148 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 5+850 TO STA. 6+200

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005

DRAWN BY:
CHECKED BY:

TENG

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

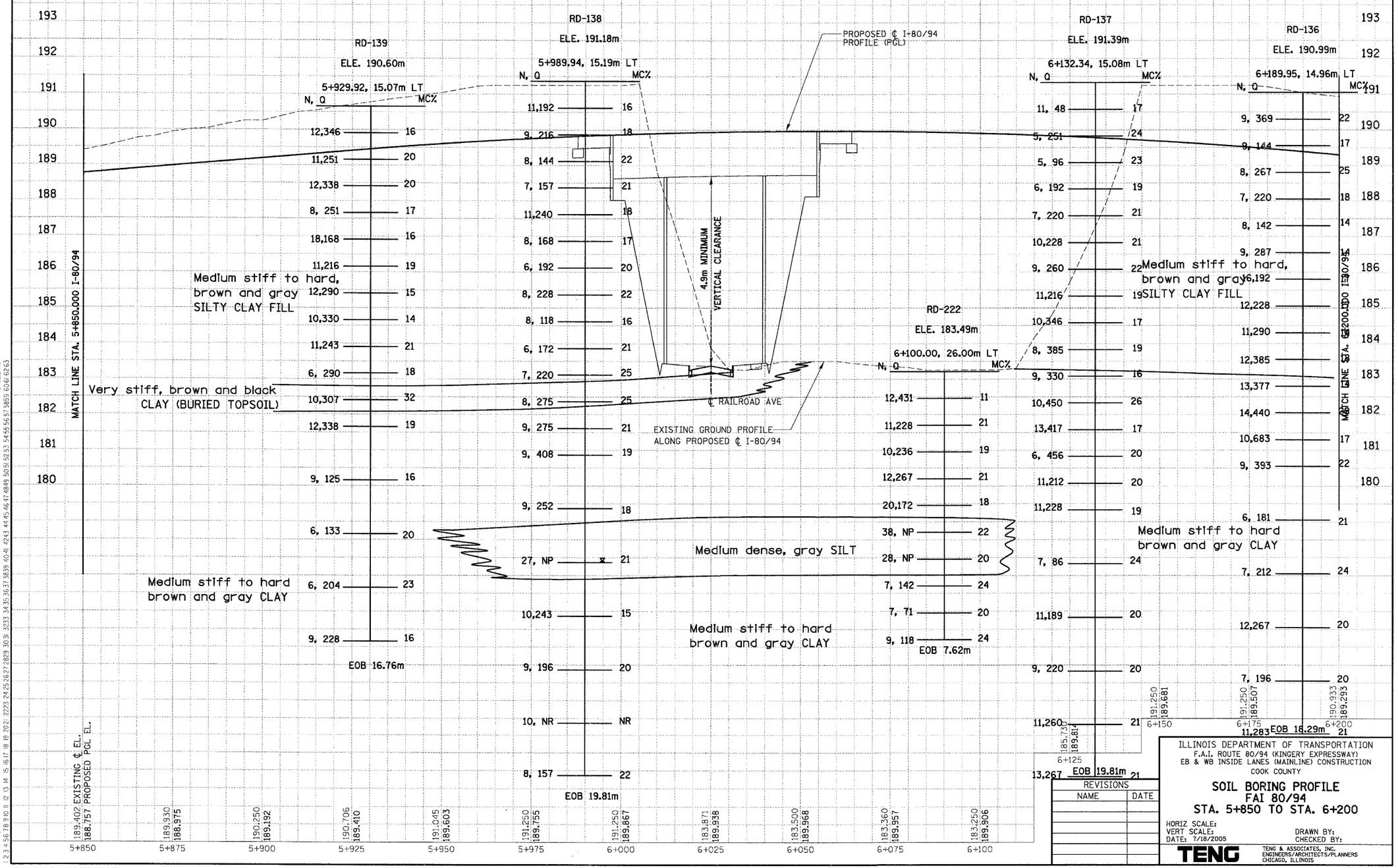
PRELIMINARY SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

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

..\5850-6200-EB-PR..DGN, ..\A89990GZA.DGN
7-2-2005, 09:26 T:\DOCUMENT\03750\DGN\CIVIL\DGN\80TD920.DGN
BAUZEWKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	122
Teng Engineering, Inc. Geo-Environmental Engineers 1145 Main Street Lombard, IL 60148 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 5+850 TO STA. 6+200

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

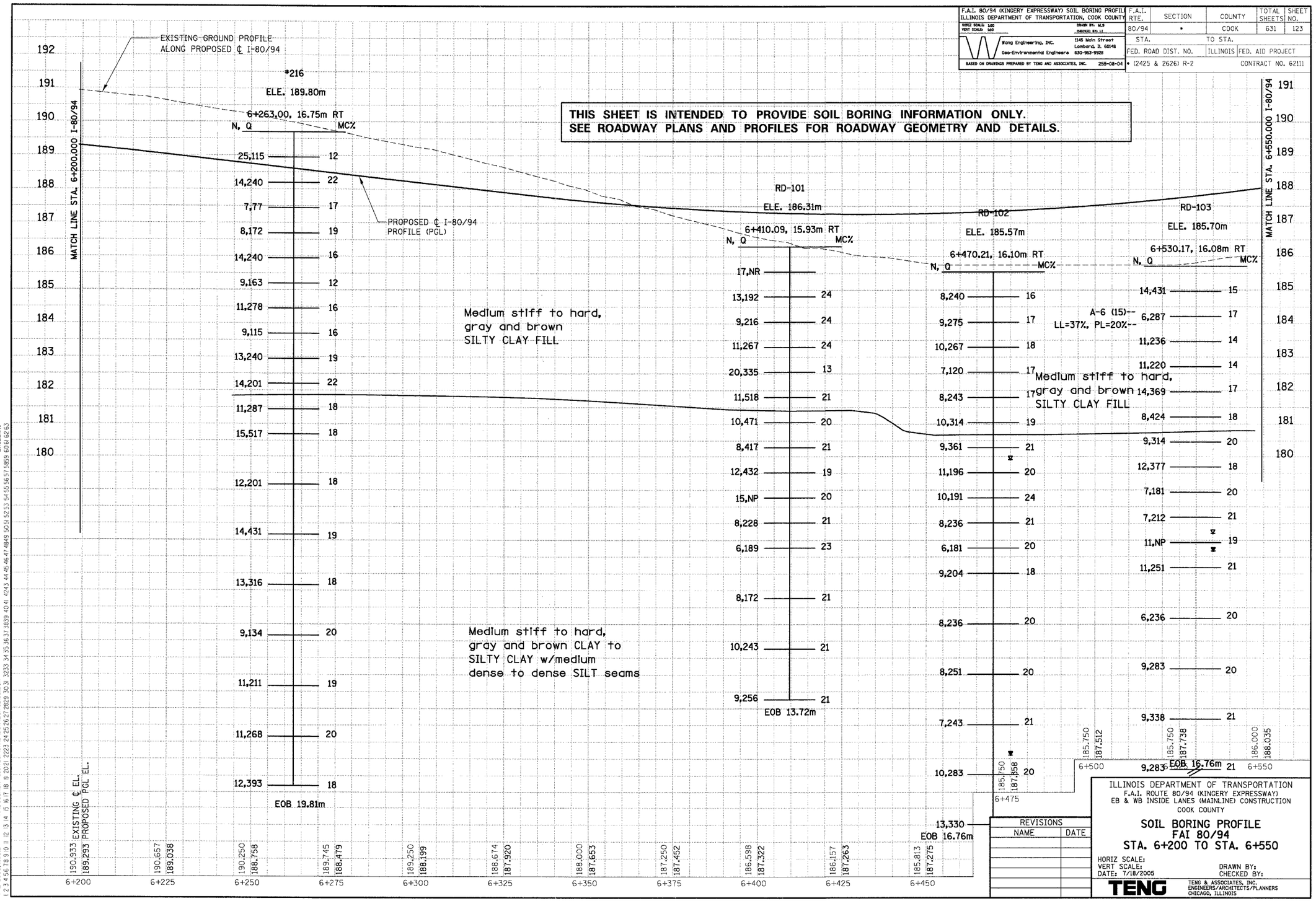
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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

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

..\5850_6200_WB_PR_DGN..\WB99002A.DGN
7-12-2005, 10:03:26
T:\DOCUMENT\93150\CIVIL\DGN\B0702020.DGN
BAZTEKIJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LT	80/94	*	COOK	631	123
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 6+200 TO STA. 6+550

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

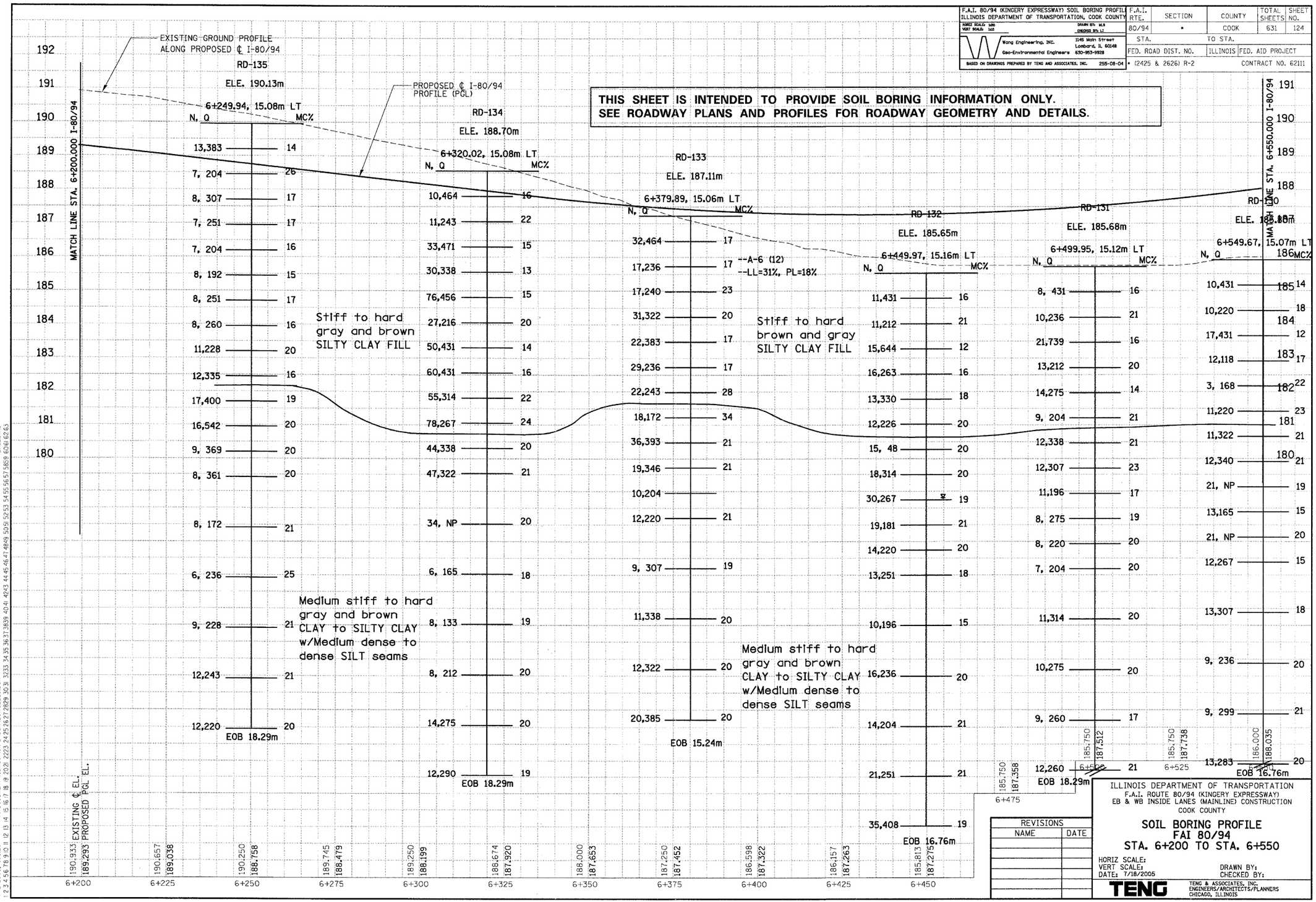
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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

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

..\6200_6550_E3_PR_.DGN, ..\A699300F2A.DGN
7-12-2005, 10:35:27
F:\DOCUMENT\BRIDGE\CIVIL\DGN\BGITC22C.DGN
BAJZEKKJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:20 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	124
Wang Engineering, Inc. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	(2425 & 2626) R-2		CONTRACT NO. 62111		



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 6+200 TO STA. 6+550

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

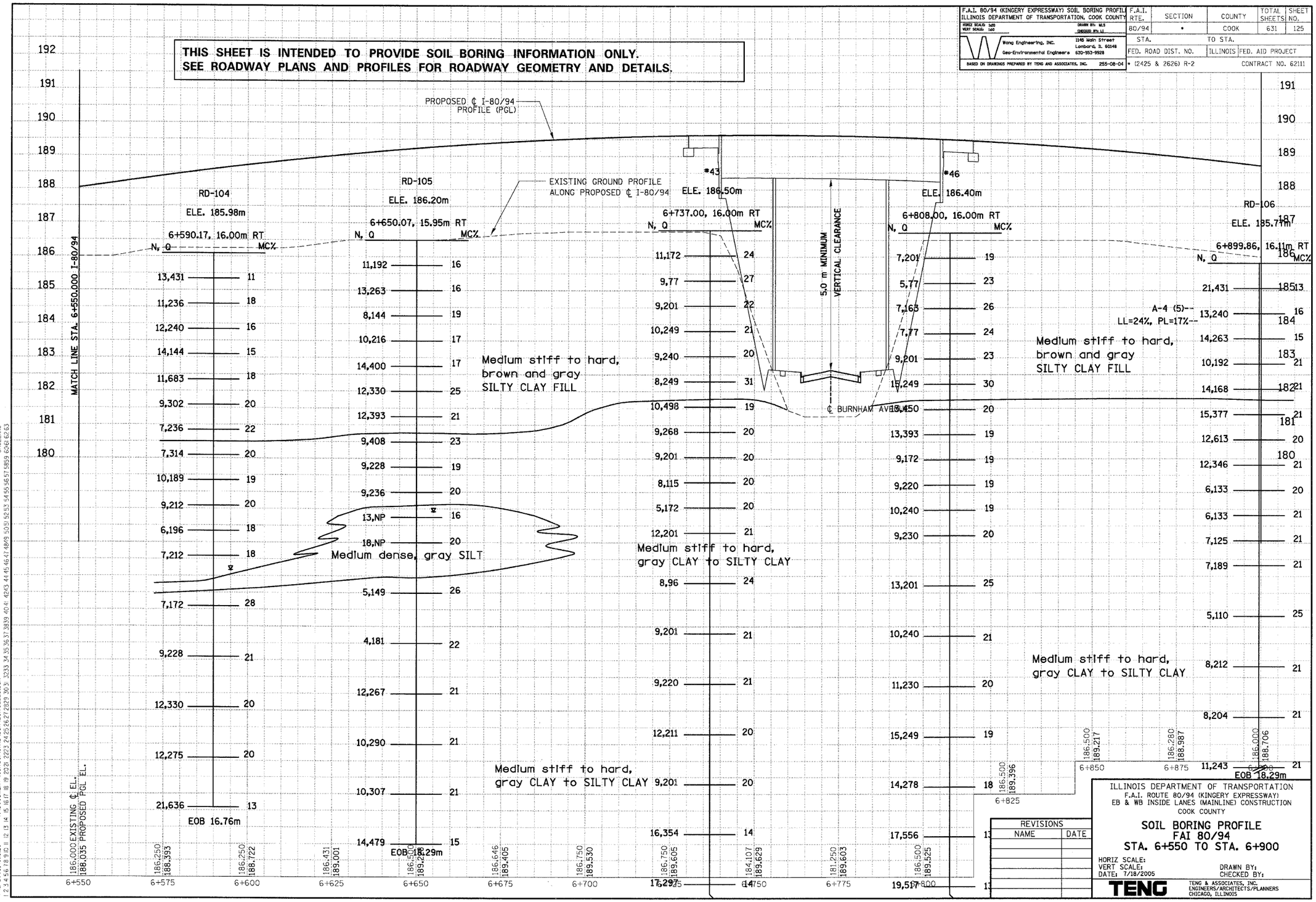
PRELIMINARY: SURVEY / NOTE BOOK / NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

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

..\6200.6550.W3_PR.DGN, ..\N0990024.DGN
7-12-2005, 10:05:28 F:\DOCUMENTS\93750\CIVIL\DGN\00702220.DGN
BAUZEKAJ

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:20 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	125
Wang Engineering, Inc. Geo-Environmental Engineers 1146 Main Street Lombard, IL 60148 630-953-9928	STA.		TO STA.		
	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 6+550 TO STA. 6+900

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005

DRAWN BY:
CHECKED BY:

TENG

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

PRELIMINARY SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — NOTE BOOK NO. — BY — DATE

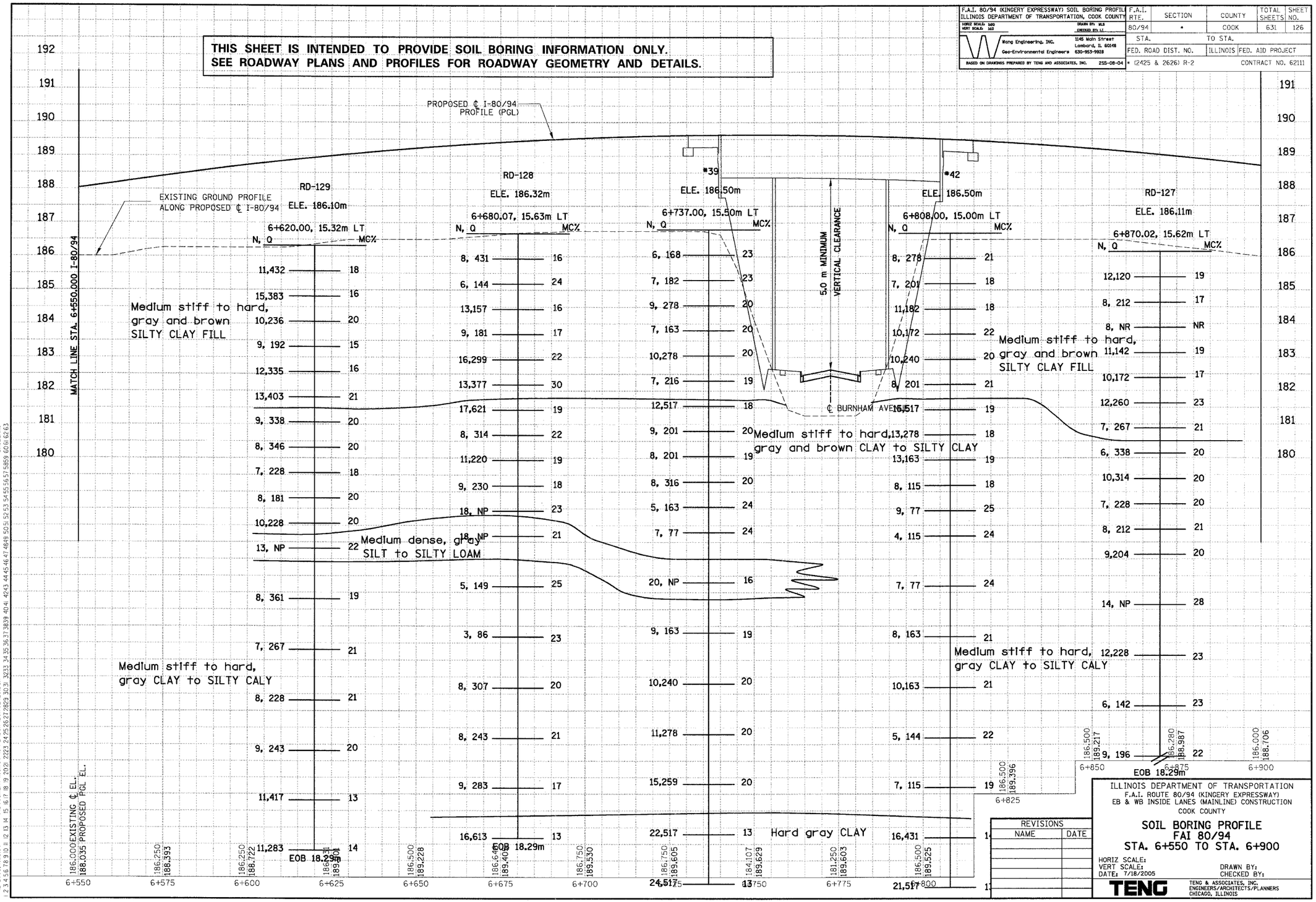
ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — NOTE BOOK NO. — BY — DATE

BAJZEKKJ

..\6550_6900_EB_PR..DGN, ..\4895002A.DGN
7-12-2005, 09:29 T:\DOCUMENT\93750\CIVIL\DGN\B0T02326.DGN

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL BORING PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HORIZ SCALE: 1:20 VERT SCALE: 1:60 DRAWN BY: MLS CHECKED BY: LJ	80/94	*	COOK	631	126
Wang Engineering, INC. 1145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-953-9928	STA.		TO STA.		
BASED ON DRAWINGS PREPARED BY TENG AND ASSOCIATES, INC. 255-08-04	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
	* (2425 & 2626) R-2			CONTRACT NO. 62111	

THIS SHEET IS INTENDED TO PROVIDE SOIL BORING INFORMATION ONLY. SEE ROADWAY PLANS AND PROFILES FOR ROADWAY GEOMETRY AND DETAILS.



REVISIONS	
NAME	DATE

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

SOIL BORING PROFILE
FAI 80/94
STA. 6+550 TO STA. 6+900

HORIZ SCALE:
VERT SCALE:
DATE: 7/18/2005
DRAWN BY:
CHECKED BY:

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

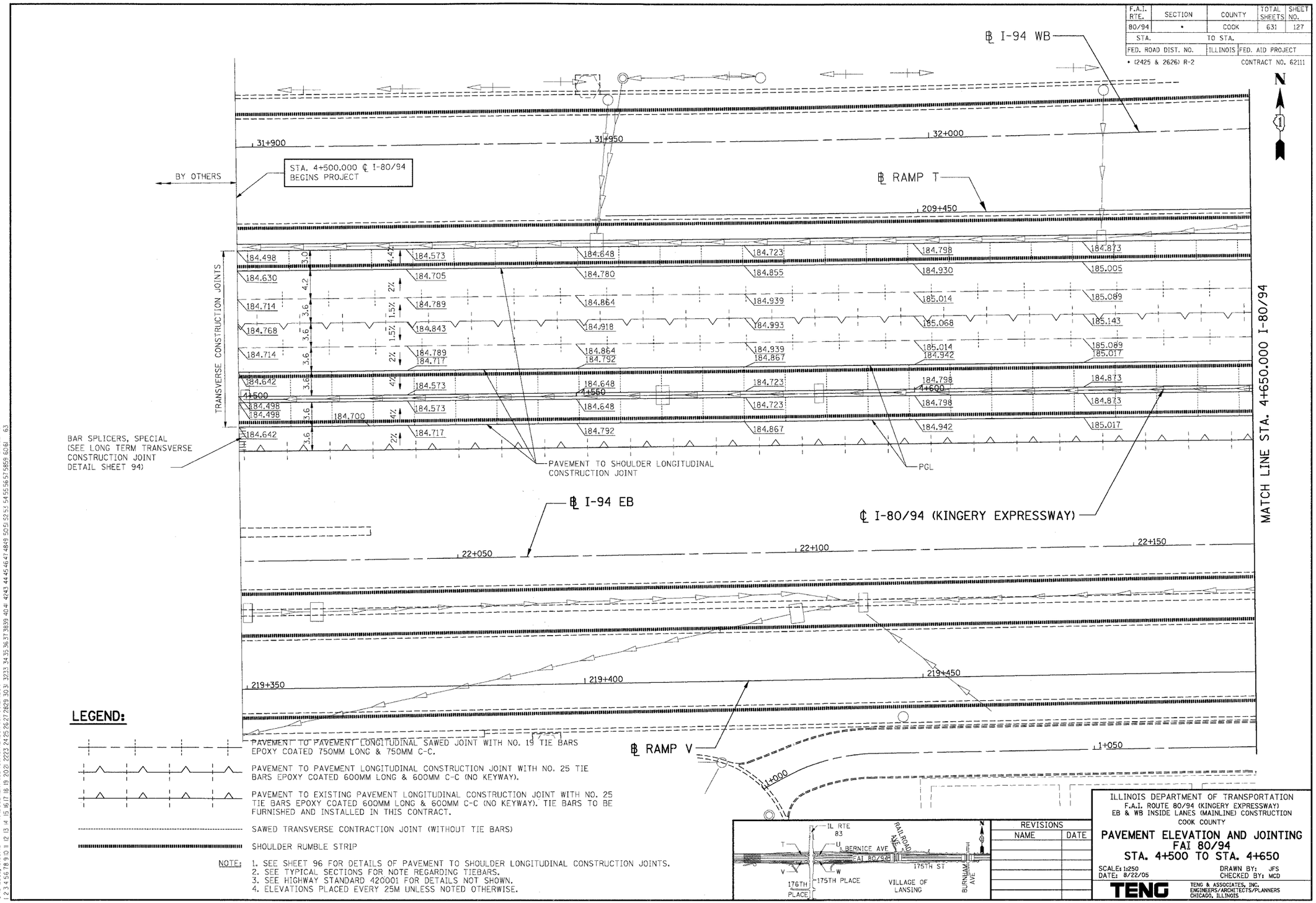
PRELIMINARY	BY	DATE
SURVEY		
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

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

BAJZEKKJ
56575859 60616263
5455565758596061
5051525354
4445464748495051
4243
4041
3839
3637
3435
3233
3031
2829
2627
2425
2223
2021
1819
1617
1415
1213
1011
7-12-2005, 10:35:30
2 3 4 5 6 7 8 9 0 1
I:\6550.6900.WB_PR_DGN_WB9900GA.DGN
I:\DOCUMENT\193ITS0\CIVIL\DGN\B0170240GN.DGN

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	127
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



LEGEND:

PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.

PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).

PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.

SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)

SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.

REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 4+500 TO STA. 4+650

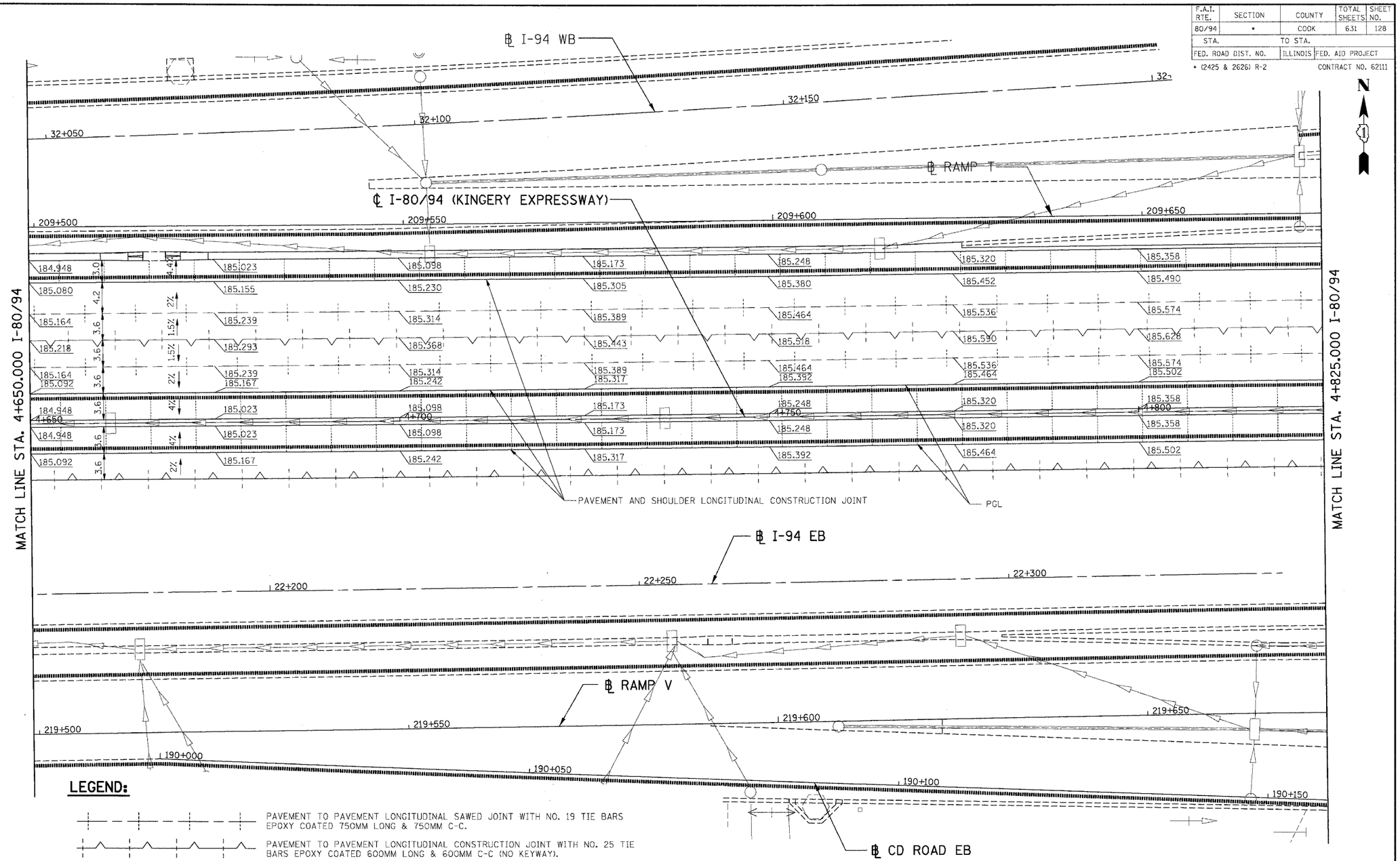
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

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

..\R99902A.DGN,..\HR07C032A.DGN,..\PR07002A.DGN,..\VR07C032A.DGN,..\NG17R02A.DGN,..\VR17C022A.DGN,..\PR17R02A.DGN,..\PR99C02A.DGN,..\VR07C032A.DGN,..\VR07C032A.DGN
8-18-2005,10:09:46 T:\DOCUMENT\93750\CIVIL\DGN\NG17002A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	128
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



LEGEND:

PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.

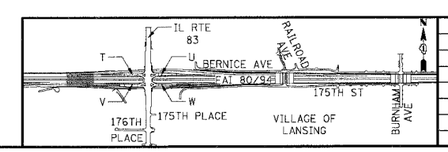
PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).

PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.

SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)

SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 4+650 TO STA. 4+825

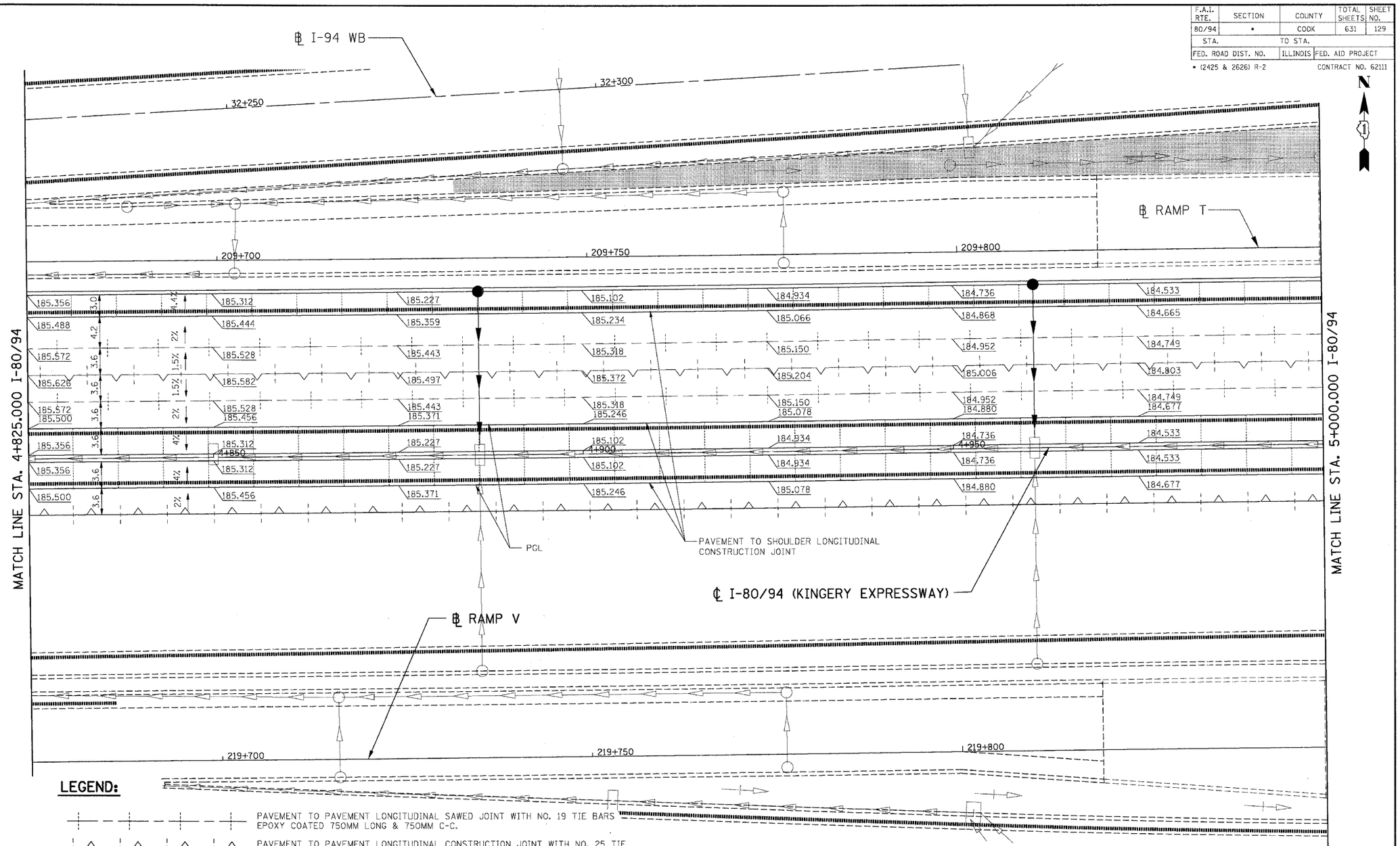
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

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

..\A8990G2A.DGN, ..\VR17C032A.DGN, ..\VR17G032A.DGN, ..\VR17G02A.DGN, ..\VR17G032A.DGN, ..\VR17G022A.DGN, ..\VR17G012A.DGN, ..\VR17R012A.DGN, ..\VP99G02A.DGN, ..\VR17G032A.DGN
8-18-2005, 10:09:53 T:\DOCUMENT\93750\CIVIL\DGN\IG17G032A.DGN BAJZEKJ
0 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.
80/94	*	COOK	631	129
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

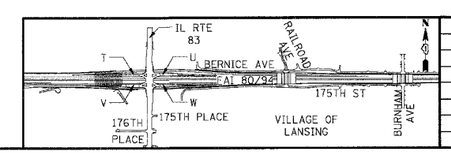
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 4+825 TO STA. 5+000

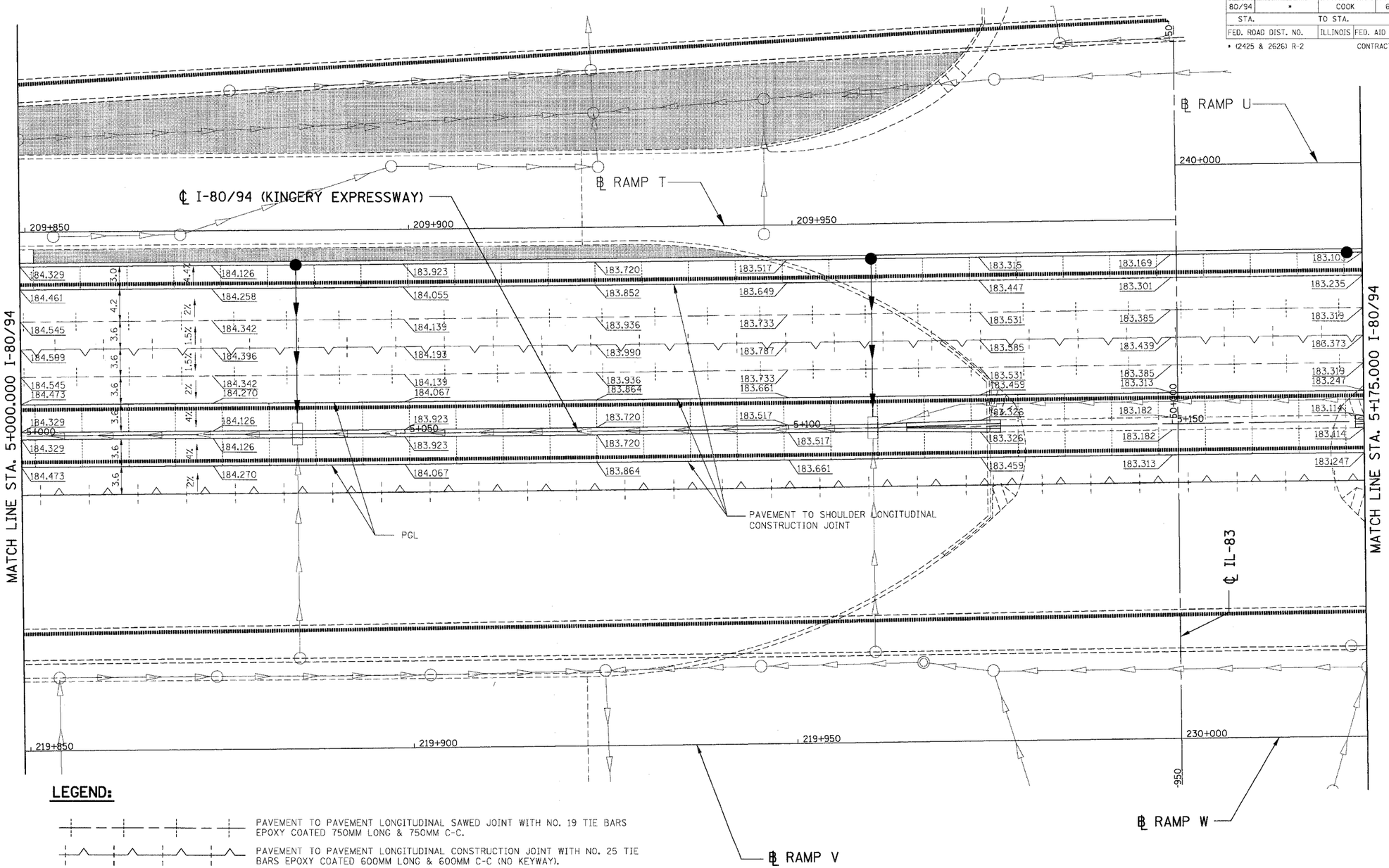
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

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

..\B99002A.DGN, ..\NR17002A.DGN, ..\PR17002A.DGN, ..\VR17002A.DGN, ..\VR17002A.DGN, ..\GI7802A.DGN, ..\RR17002A.DGN, ..\PR17802A.DGN, ..\PB99002A.DGN, ..\DRT0032A.DGN
8-8-2005, KIRCDI T:\DOCUMENTS\9375DIVIL\DGN\GI70052A.DGN BAJZEKKJ
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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	130
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

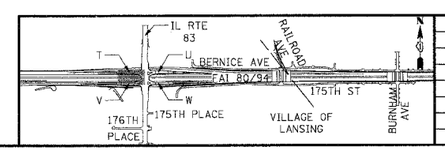
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 5+000 TO STA. 5+175

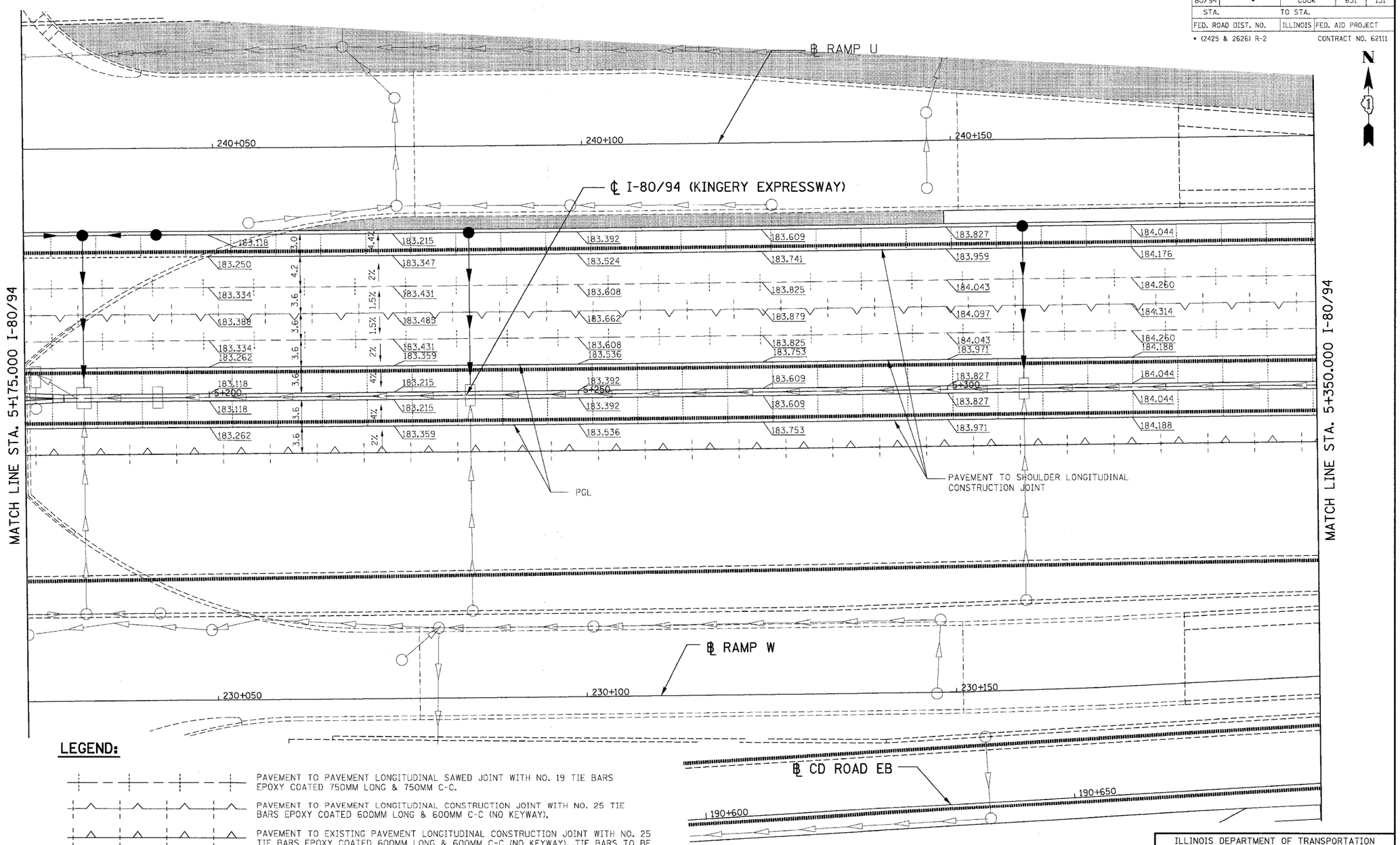
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

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

~\A595002A.DGN, ~\VR170032A.DGN, ~\VR170032A.DGN, ~\VR170032A.DGN, ~\VR170032A.DGN, ~\GI73012A.DGN, ~\VR170022A.DGN, ~\PR17R012A.DGN, ~\PB99012A.DGN, ~\DR170032A.DGN
8-16-2005, 10:40:11 T:\DOCUMENT\93175\CIVIL\DGN\IG70012A.DGN SAJZEKKJ
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 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	131
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

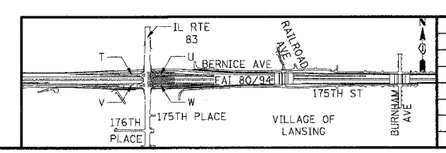
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 5+175 TO STA. 5+350

SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

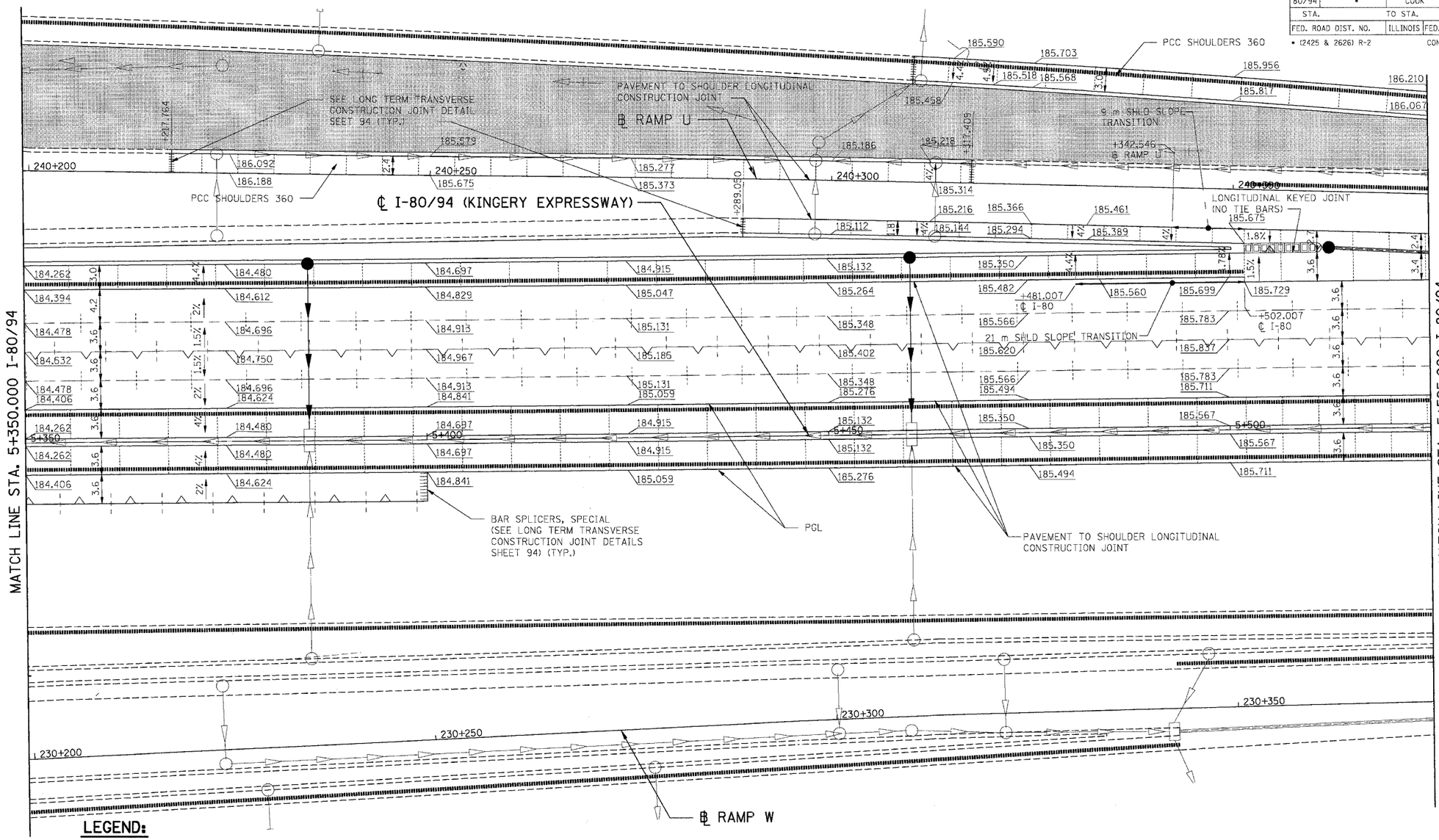
TENG

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

..\P99900ZA.DGN, ..\VR1T0032A.DGN, ..\VR1T0012A.DGN, ..\VR1T0032A.DGN, ..\G1T0032A.DGN, ..\VR1T0012A.DGN, ..\VR1T0022A.DGN, ..\PR1T0012A.DGN, ..\A99900ZA.DGN, ..\DR1T0032A.DGN, ..\DR1T0012A.DGN, ..\DR1T0022A.DGN, ..\DR1T0032A.DGN, ..\DR1T0012A.DGN, ..\DR1T0022A.DGN, ..\DR1T0032A.DGN
8-18-2005, 10:10:20 T:\DOCUMENT\93750\CIVIL\DGN\G1T0092A.DGN BAJZEKKJ
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1 6 3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	132
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



LEGEND:

PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.

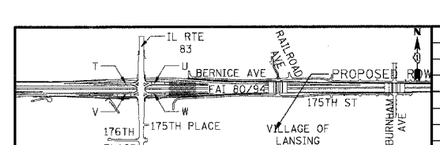
PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).

PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.

SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)

SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 5+350 TO STA. 5+525

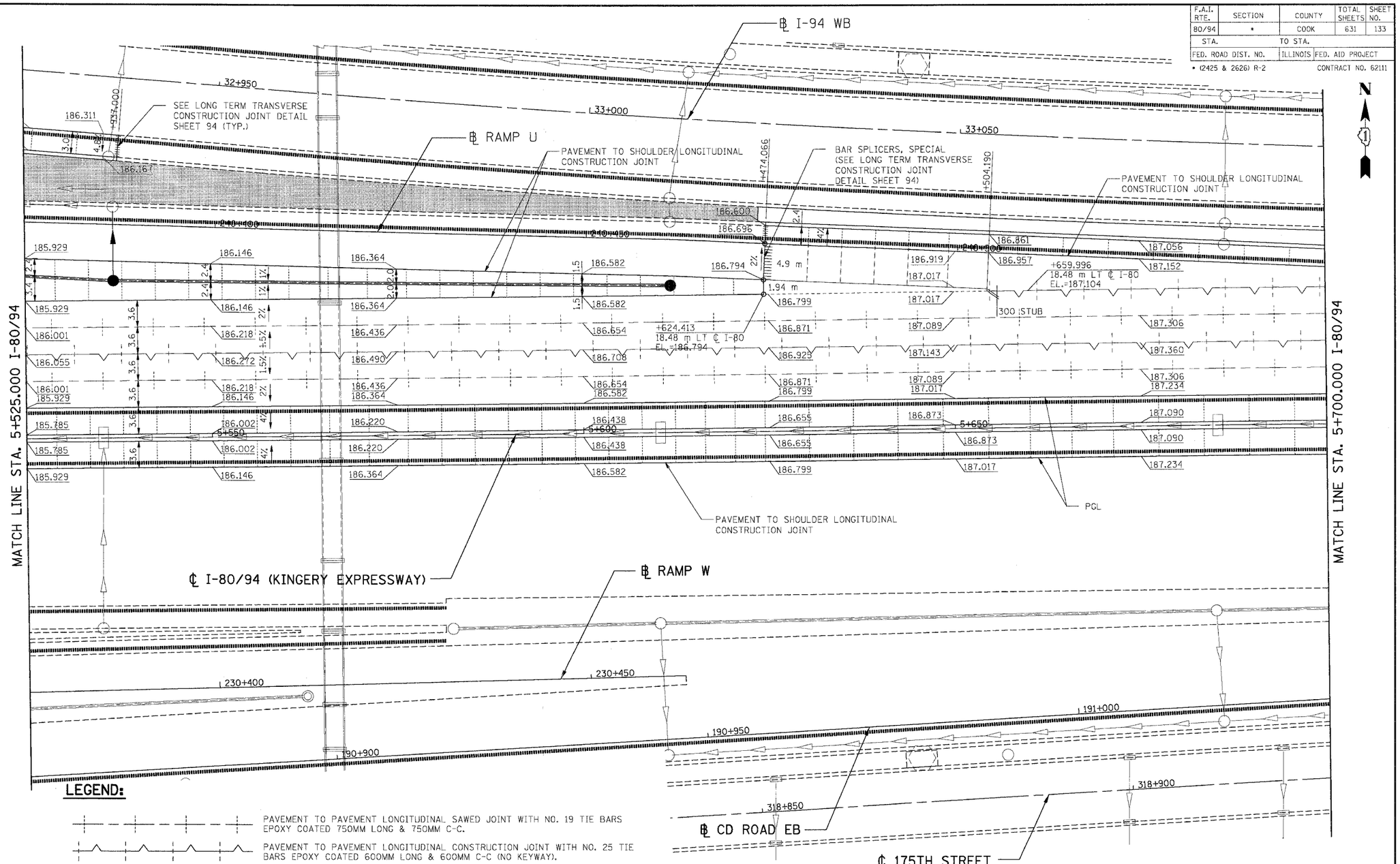
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

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

..\A899002A.DGN, ..\VRT0032A.DGN, ..\VRT0002A.DGN, ..\VRT0032A.DGN, ..\GIR002A.DGN, ..\VRT0022A.DGN, ..\PRT002A.DGN, ..\P999002A.DGN, ..\CRT0032A.DGN
8-18-2005, 10:10:29 T:\DOCUMENT\93750\CIVIL\DGN\GIT012A.DGN BAJZEKJ
1 2 3 4 5 6 7 8 9 0 . 1 2 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.
80/94	*	COOK	631	133
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

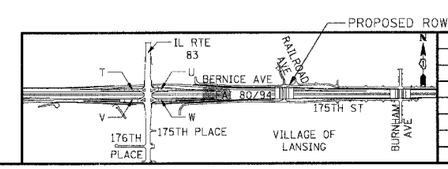
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 5+525 TO STA. 5+700

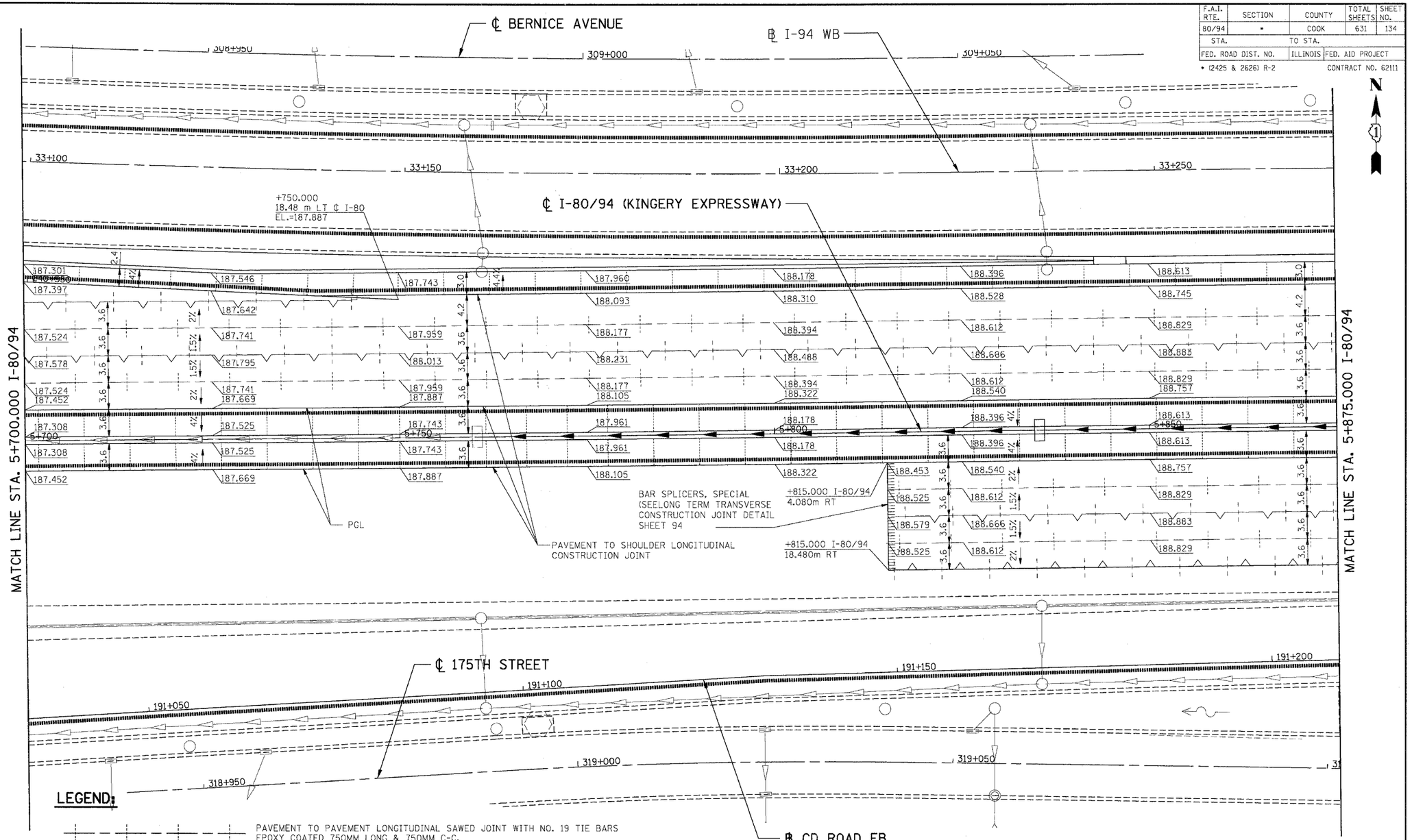
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

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

..\AB99002A.DGN, ..\VR1T0032A.DGN, ..\VR1T0002A.DGN, ..\VX1T0032A.DGN, ..\VG1R02A.DGN, ..\VR1T0022A.DGN, ..\VR7R02A.DGN, ..\VB99002A.DGN, ..\VR7T0032A.DGN
8-18-2005, 10:16:40 T:\DOCUMENT\93175D\CIVIL\DGN\GIT0132A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	134
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

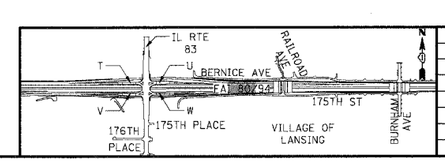
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 5+700 TO STA. 5+875

SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: MCD

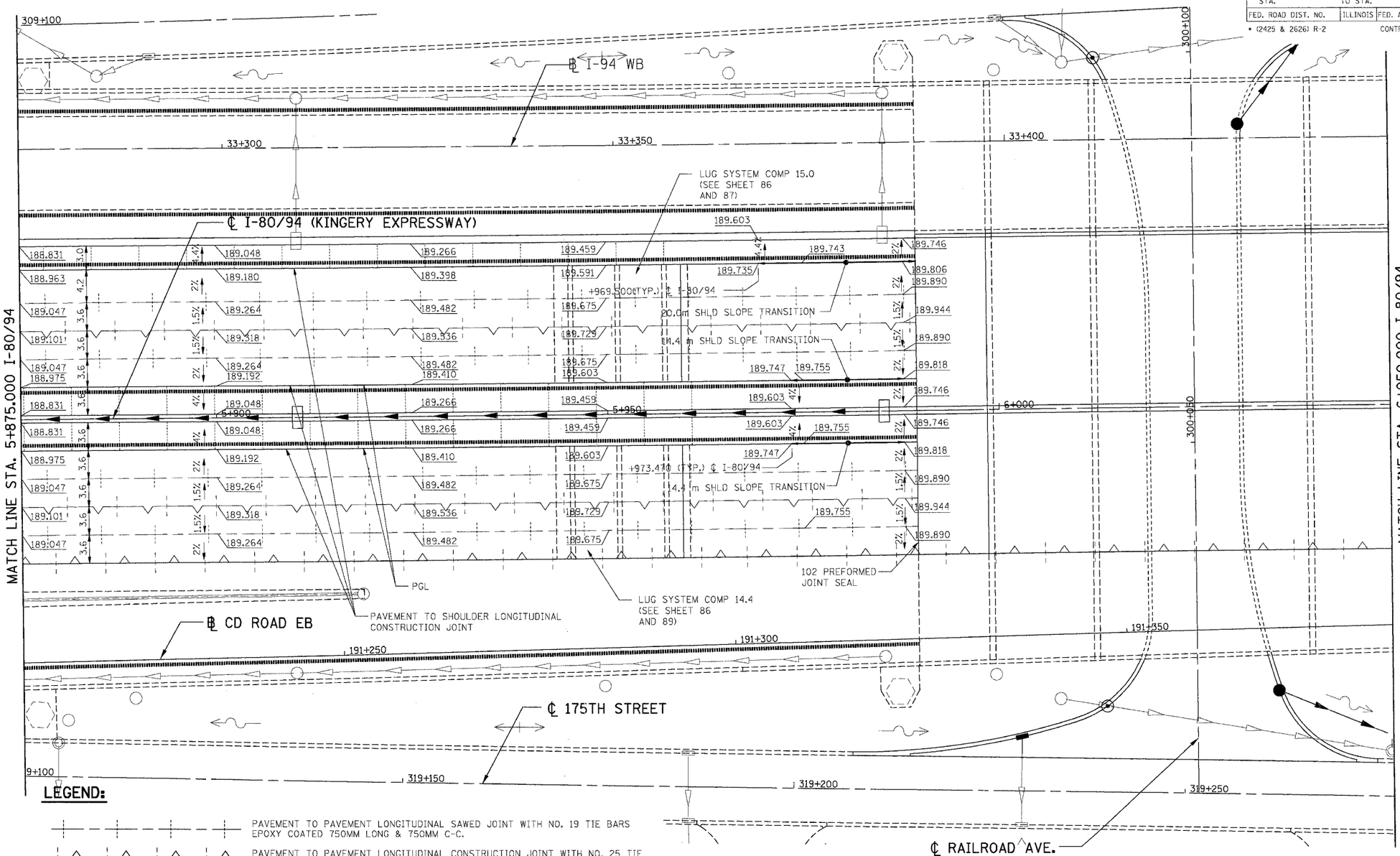
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\A899002A.DGN, ..\VRT0032A.DGN, ..\PRT0002A.DGN, ..\VRT0032A.DGN, ..\GTR002A.DGN, ..\VRT0022A.DGN, ..\PRT002A.DGN, ..\PB99002A.DGN, ..\DRT0032A.DGN, ..\VRT0052A.DGN
8-18-2005, 10:04:48 T:\DOCUMENT\931750\CIVIL\DGN\GT0152A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	135
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2

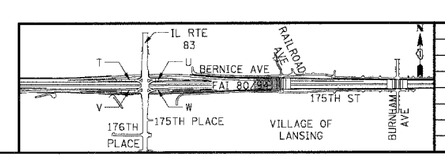
CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 5+875 TO STA. 6+050

SCALE: 1:250 DRAWN BY: JFS
DATE: 9/22/05 CHECKED BY: MCD

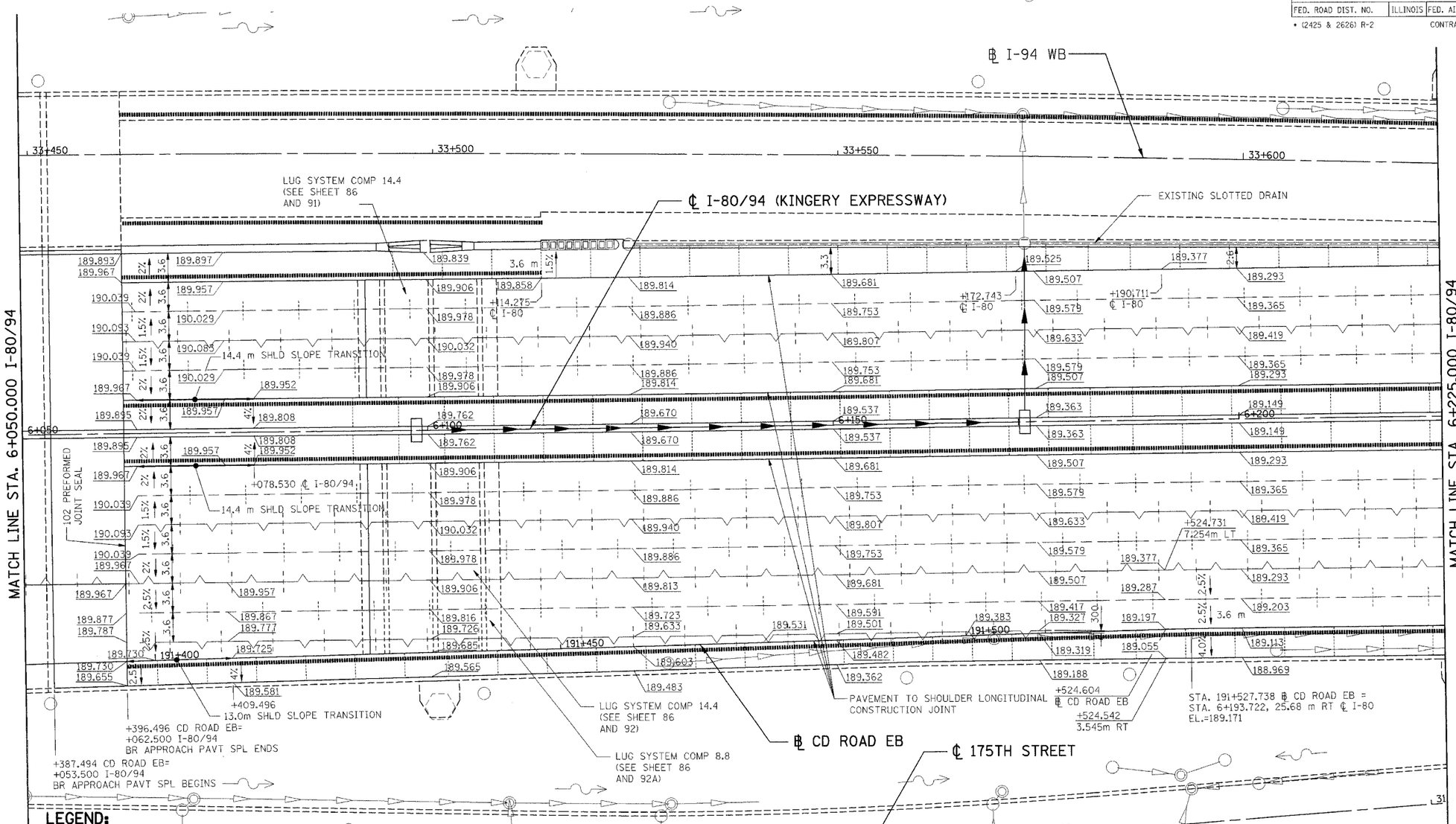
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\A0950C2A.DGN, ..\PR170C32A.DGN, ..\PR170C02A.DGN, ..\VR170C32A.DGN, ..\GR170C02A.DGN, ..\RR170C22A.DGN, ..\PR170C12A.DGN, ..\PB990C02A.DGN, ..\DR170C32A.DGN
8-16-2005, 10:05:57 T:\DOCUMENT\B3750\CIVIL\DGN\G170172A.DGN BAJZEKKJ
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 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	136
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2

CONTRACT NO. 62111



LEGEND:

PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.

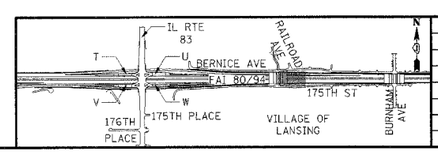
PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).

PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.

SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)

SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 6+050 TO STA. 6+225

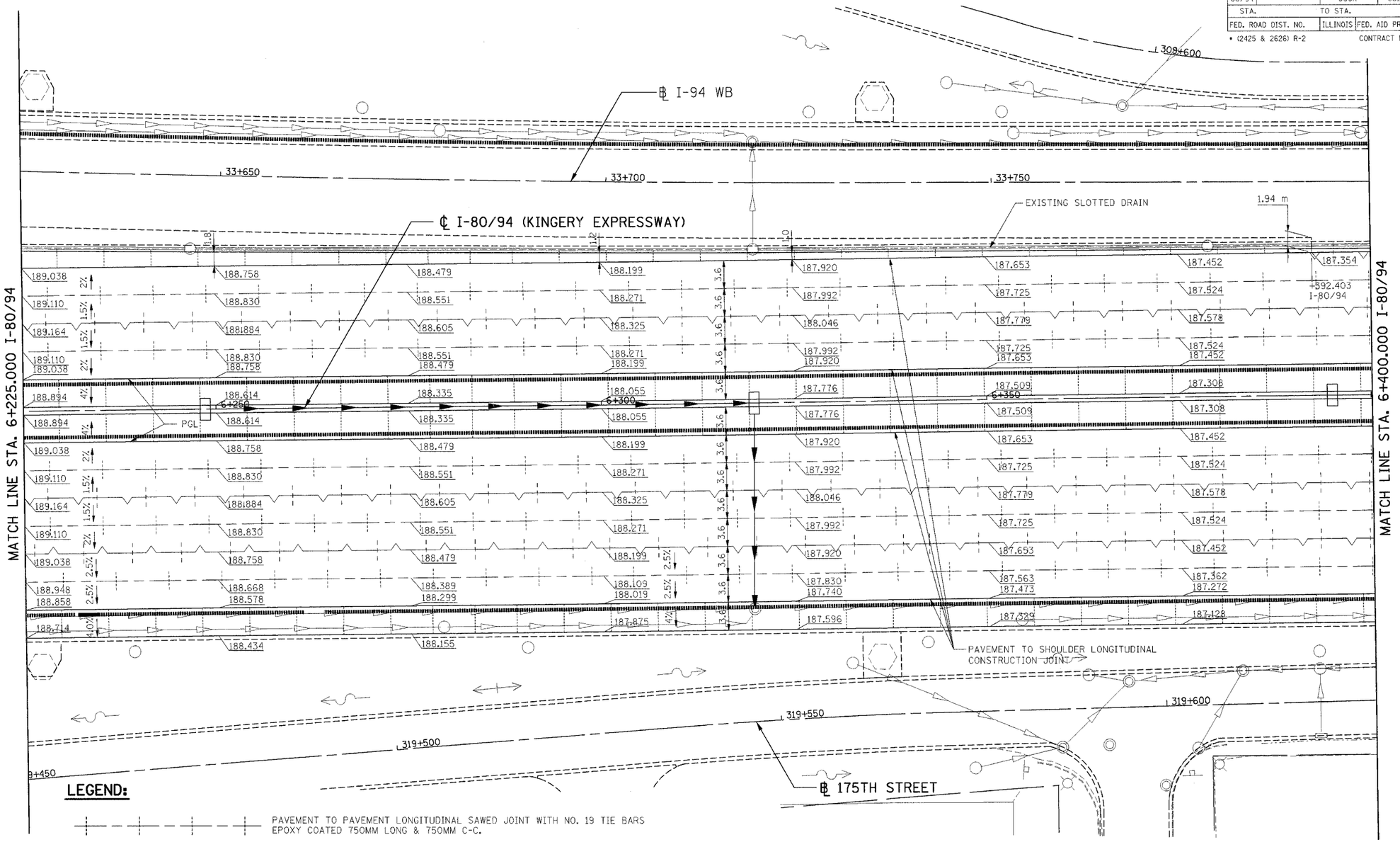
SCALE: 1:250 DRAWN BY: JFS
DATE: 9/13/05 CHECKED BY: MCD

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

..\XB9300E2A.DGN, ..\XR170032A.DGN, ..\PR170012A.DGN, ..\XR170032A.DGN, ..\XG170012A.DGN, ..\XR170022A.DGN, ..\PR170012A.DGN, ..\PB9300E2A.DGN, ..\DR170032A.DGN
9-13-2005, R65459 T:\DOCUMENT\93750\CIVIL\DGN\G70092A.DGN HANSEMOD
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.
80/94	*	COOK	631	137
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

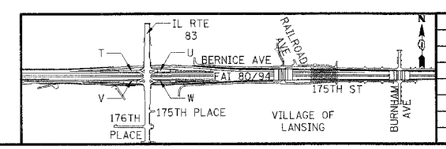
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 6+225 TO STA. 6+400

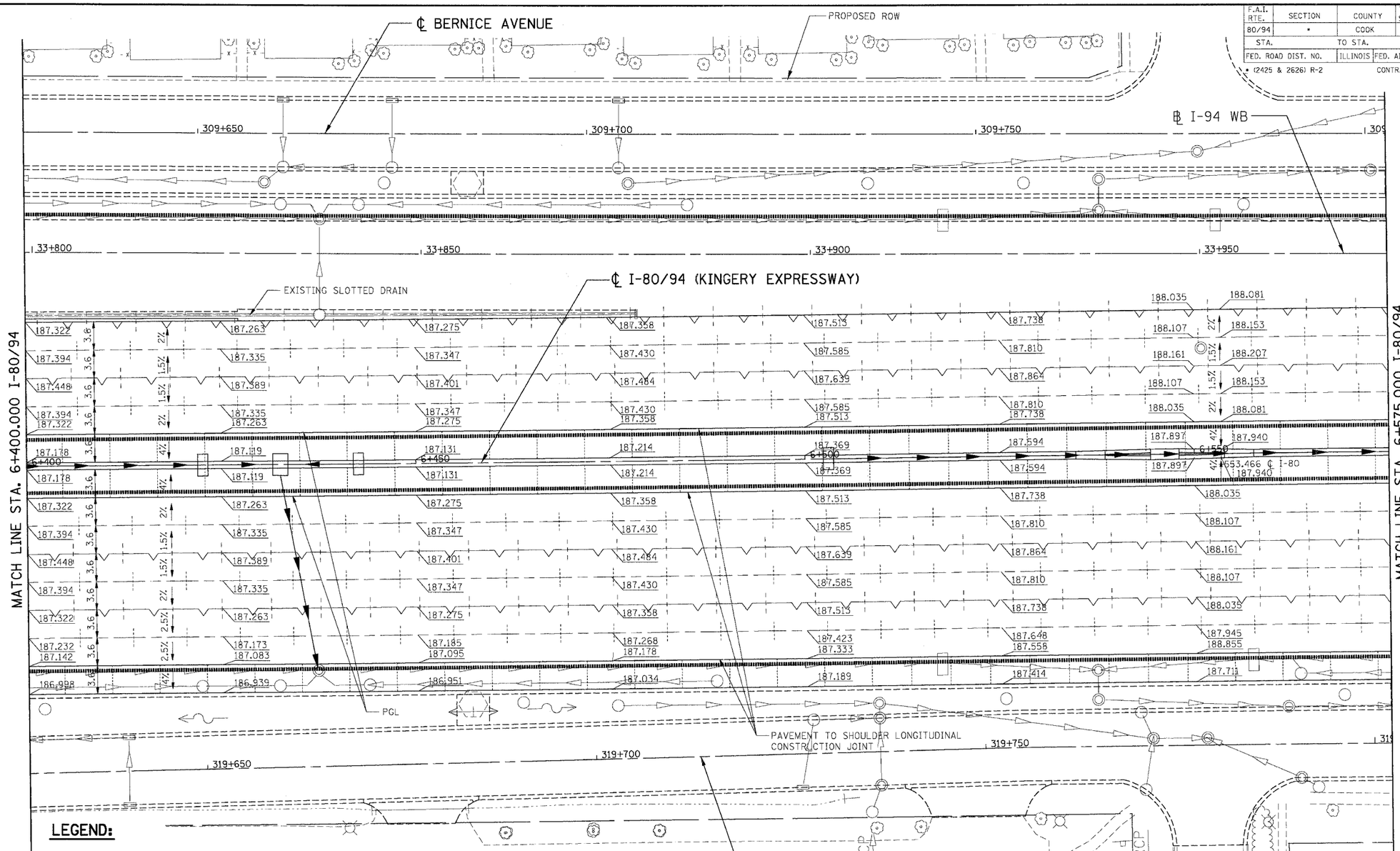
SCALE: 1:250 DRAWN BY: JFS
DATE: 9/13/05 CHECKED BY: GJF

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

..\B99000ZA.DGN, ..\HRT0032A.DGN, ..\PRT0002A.DGN, ..\PRT0032A.DGN, ..\DTR002A.DGN, ..\VRT0032A.DGN, ..\VRT0022A.DGN, ..\PRT002A.DGN, ..\PB99000ZA.DGN, ..\DRT0032A.DGN
9-13-2005, 8:16:05 F:\DOCUMENT\93T50\CIVIL\DGN\GT0202A.DGN HANGERDD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	138
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

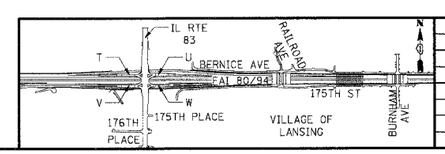
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND:

- PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.
- PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).
- PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.
- SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)
- SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 6+400 TO STA. 6+575

SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: GJF

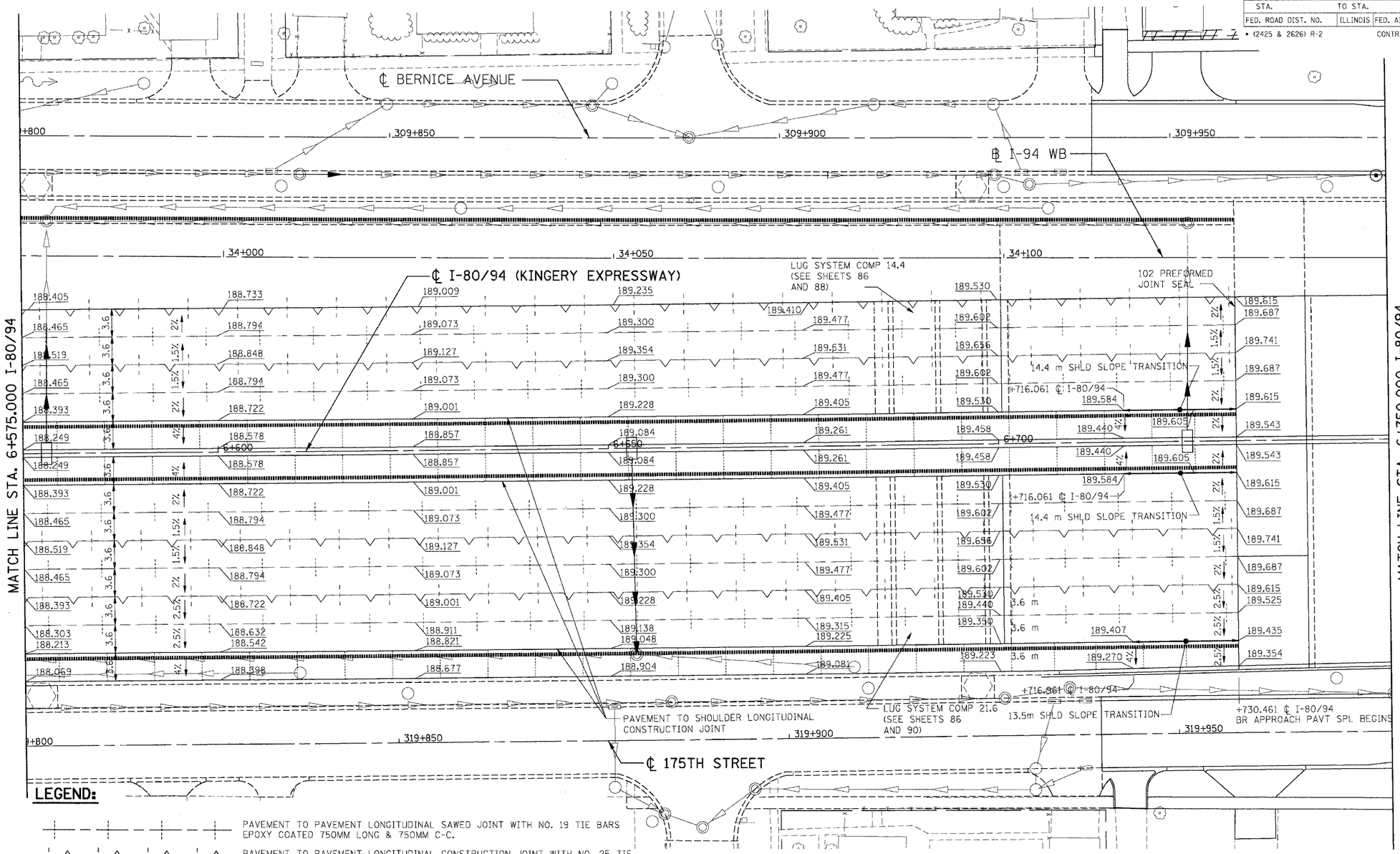
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\A9990I2A.DGN, ..\HR170032A.DGN, ..\HR170032A.DGN, ..\PR170012A.DGN, ..\XR170032A.DGN, ..\GI170012A.DGN, ..\GI170032A.DGN, ..\GR170032A.DGN, ..\PR170212A.DGN, ..\PB990012A.DGN, ..\OR170032A.DGN
8-18-2005, 10:26 T:\DOCUMENT\93175\CIVIL\DGN\GI170232A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	139
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2

CONTRACT NO. 62111



LEGEND:

PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.

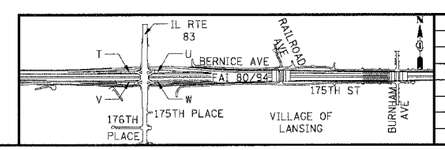
PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).

PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.

SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)

SHOULDER RUMBLE STRIP

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 6+575 TO STA. 6+750

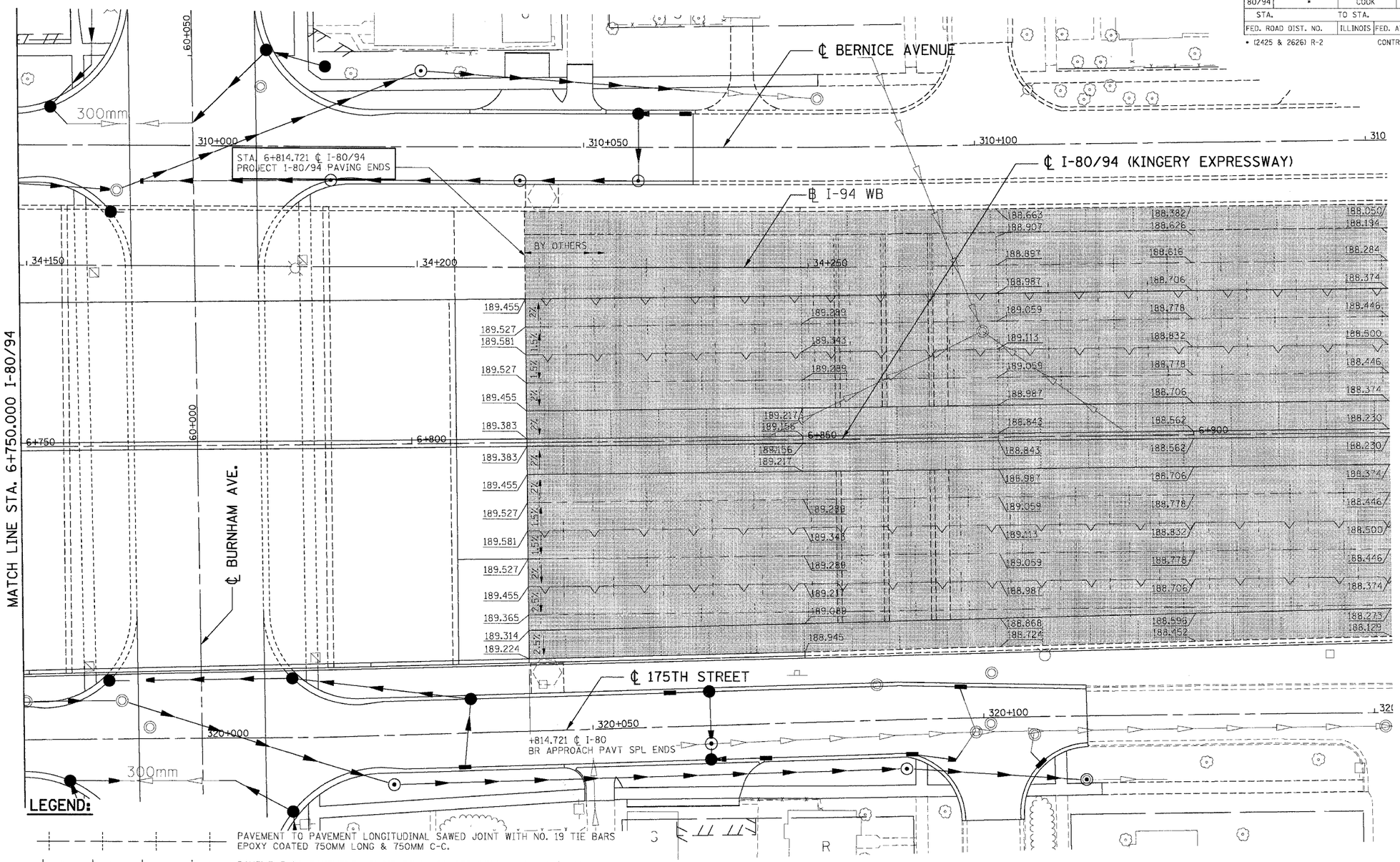
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: GJF

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

..\A6390012A.DGN, ..\VR17O032A.DGN, ..\VR17O012A.DGN, ..\VR17O032A.DGN, ..\VG17R012A.DGN, ..\VR17R012A.DGN, ..\VR17R022A.DGN, ..\VR17R012A.DGN, ..\VR990012A.DGN, ..\VR17O032A.DGN
8-18-2005, iOnix37 T:\DOCUMENT\93\50\CIVIL\DGN\VG17O252A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	140
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



LEGEND:

PAVEMENT TO PAVEMENT LONGITUDINAL SAWED JOINT WITH NO. 19 TIE BARS EPOXY COATED 750MM LONG & 750MM C-C.

PAVEMENT TO PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY).

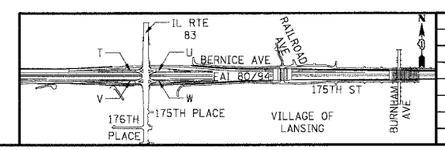
PAVEMENT TO EXISTING PAVEMENT LONGITUDINAL CONSTRUCTION JOINT WITH NO. 25 TIE BARS EPOXY COATED 600MM LONG & 600MM C-C (NO KEYWAY). TIE BARS TO BE FURNISHED AND INSTALLED IN THIS CONTRACT.

SAWED TRANSVERSE CONTRACTION JOINT (WITHOUT TIE BARS)

SHOULDER RUMBLE STRIP

WORK TO BE DONE BY OTHERS

NOTE:
1. SEE SHEET 96 FOR DETAILS OF PAVEMENT TO SHOULDER LONGITUDINAL CONSTRUCTION JOINTS.
2. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
3. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
4. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING
FAI 80/94
STA. 6+750 TO STA. 6+814.721

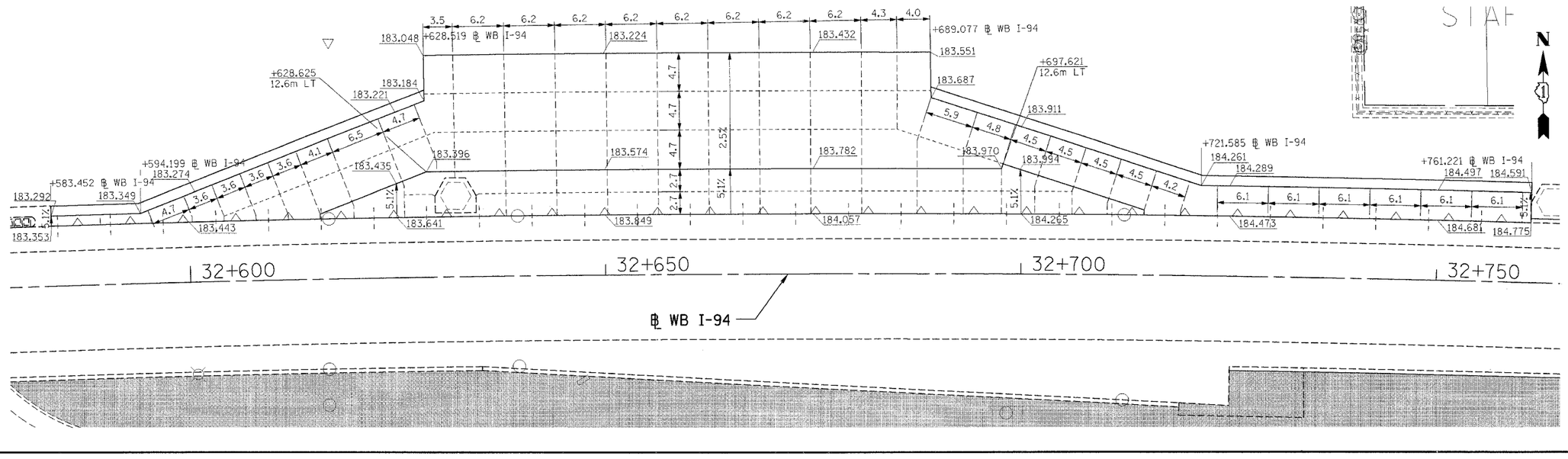
SCALE: 1:250 DRAWN BY: JFS
DATE: 8/22/05 CHECKED BY: GJF

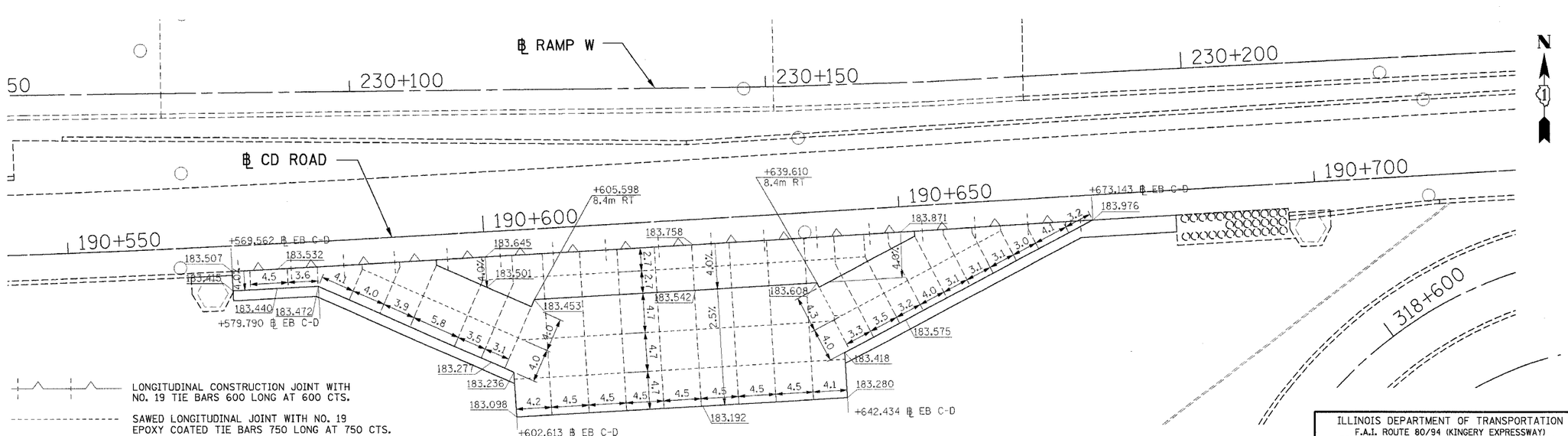
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\A9990002A.DGN, ..\NRT0032A.DGN, ..\VRT0002A.DGN, ..\VRT0032A.DGN, ..\VRT0022A.DGN, ..\VGFR002A.DGN, ..\VRT0022A.DGN, ..\VPRT002A.DGN, ..\VP990002A.DGN, ..\NRT0032A.DGN
F:\DOCUMENT\93\750\CIVIL\DGN\GFT0272A.DGN BAJZEKKJ
8-18-2005,10:41:43
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.
80/94	*	COOK	631	140A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



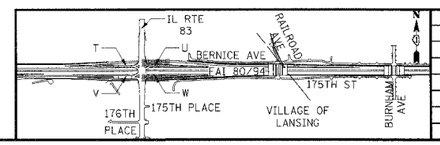


LONGITUDINAL CONSTRUCTION JOINT WITH NO. 19 TIE BARS 600 LONG AT 600 CTS.

SAWED LONGITUDINAL JOINT WITH NO. 19 EPOXY COATED TIE BARS 750 LONG AT 750 CTS.

SAWED TRANSVERSE CONTRACTION JOINT WITH 450 LONG PRE-COATED SMOOTH EPOXY-COATED DOWEL BARS AT 300 CTS.

NOTE:
1. SEE TYPICAL SECTIONS FOR NOTE REGARDING TIEBARS.
2. SEE HIGHWAY STANDARD 420001 FOR DETAILS NOT SHOWN.
3. ELEVATIONS PLACED EVERY 25M UNLESS NOTED OTHERWISE.



REVISIONS	
NAME	DATE

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

PAVEMENT ELEVATION AND JOINTING ACCIDENT INVESTIGATION SITES

SCALE: 1:250
DATE: 9/13/05
DRAWN BY: RHS
CHECKED BY: DH

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

..\HR170022A.DGN,..\PR170002A.DGN,..\MG170022A.DGN,..\AB99000 2A.DGN,..\VR170032A.DGN,..\RR170022A.DGN,..\PB99000 2A.DGN,..\HR170022A.DGN,..\PR170002A.DGN,..\PF170082A.DGN
9-14-2005, 9:08:07 T:\DOCUMENT\93750\CIVIL\DGN\MG170282A.DGN STANKRJ
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.
80/94	*	COOK	631	141
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

GENERAL

UNLESS OTHERWISE INDICATED, THE TERM "PLANS" REFERRED TO WITHIN THIS "SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC" REFERS TO THE MAINTENANCE OF TRAFFIC PLANS.

FAI RTE 80/94

THE TERM "PHASE III" REFERS TO WORK DONE IN THIS CONTRACT AND WORK DONE IN CONCURRENT ADJACENT CONTRACTS BY OTHERS. THE TERMS "PHASE I AND PHASE II" REFER TO WORK DONE IN EARLIER CONTRACTS BY OTHERS.

PHASE III, STAGES I-IV APPLY TO WORK ON FAI RTE 80/94 AND ASSOCIATED BRIDGES, RETAINING WALLS, AND RAMPS.

THE LIMITS OF TRAFFIC CONTROL ON FAI RTE 80/94 TO BE PROVIDED BY THIS CONTRACT ARE FROM STA. 4+500 TO STA. 6+815.

DURING THE CONSTRUCTION OF AND WITHIN THE LIMITS OF THIS CONTRACT, OTHERS ARE SCHEDULED TO WORK ON THE LIGHTING (CONTRACT NO. 62664) AND INSTALLATION OF NOISE ABATEMENT WALLS (CONTRACT NO. 62114) ALONG FAI RTE 80/94.

THE SURCHARGE FOR THE WICK DRAIN INSTALLATION NEAR RAILROAD AVENUE MUST REMAIN IN PLACE FOR THE LENGTH OF TIME SPECIFIED (SEE SHEETS 16 AND 73).

PHASE III, PRESTAGE

1. MAINTAIN EXISTING TRAFFIC CONTROL WHICH PROVIDES FOR 3 LANES OF TRAFFIC ON EXISTING FAI RTE 80/94 EB PAVEMENT AND 3 LANES OF TRAFFIC ON THE RECENTLY CONSTRUCTED FAI RTE 94 WB PAVEMENT.
2. CONSTRUCT TEMPORARY PAVEMENT (INTERSTATE) ON FAI RTE 80 EB MEDIAN BETWEEN STA. 5+650 TO STA. 5+815.

PHASE III, STAGE I

1. FAI RTE 80/94 EB TRAFFIC - REROUTE EB TRAFFIC ONTO THE EXISTING FAI RTE 80/94 WB PAVEMENT VIA A MEDIAN CROSSOVER USING A MULTI-LANE WEAVE AS SHOWN IN THE PLANS.
2. FAI RTE 80/94 WB TRAFFIC - MAINTAIN THREE LANES OF TRAFFIC ON FAI 94 WB AS SHOWN IN THE PLANS.
3. MAJOR ITEMS OF WORK DURING THIS STAGE

   A. FAI RTE 80/94 BRIDGE OVER RAILROAD AVE
      ==> WB - REMOVE THE EXISTING BRIDGE; BEGIN FOUNDATIONS AND PIERS

   B. FAI RTE 80/94 BRIDGE OVER BURNHAM AVE
      ==> EB - REMOVE THE EXISTING BRIDGE
      ==> EB LANES 4 TO THE OUTSIDE PARAPET - COMPLETE
      ==> EB CENTERLINE TO LANE 3 - CONSTRUCT FOUNDATIONS, PIERS, AND PLACEMENT OF BEAMS

   C. FAI RTE 80/94 EB ROADWAY
      ==> STA. 4+500 TO STA. 5+400 - COMPLETE REMOVALS; BEGIN EARTHWORK, AND DRAINAGE
      ==> STA. 6+300 TO BURNHAM AVENUE - COMPLETE PAVEMENT FOR LANES 5 AND 6, THE OUTSIDE SHOULDER, AND RETAINING WALLS W850 AND W851
      ==> STA. 6+360 TO BURNHAM AVENUE - COMPLETE PAVEMENT FOR LANE 4

   D. FAI RTE 80/94 WB ROADWAY
      ==> STA. 4+500 TO RAILROAD AVENUE - COMPLETE REMOVALS; BEGIN EARTHWORK, AND DRAINAGE
      ==> RAILROAD AVENUE TO STA. 6+400 - COMPLETE REMOVALS, WICK DRAINS, EARTHWORK, TEMP MECH STAB EARTH WALL, AND DRAINAGE

PHASE III, STAGE II

1. FAI RTE 80/94 EB TRAFFIC - REROUTE EB TRAFFIC ONTO THE NEW EB PAVEMENT LANES 5 AND 6 AND THE OUTSIDE SHOULDER AS SHOWN IN THE PLANS.
2. FAI RTE 80/94 WB TRAFFIC - MAINTAIN THREE LANES OF TRAFFIC ON FAI 94 WB AS IN STAGE I.
3. MAJOR ITEMS OF WORK DURING THIS STAGE

   A. FAI RTE 80/94 BRIDGE OVER RAILROAD AVE
      ==> EB - REMOVE THE EXISTING BRIDGE; BEGIN CONSTRUCTION OF FOUNDATIONS AND PIERS
      ==> WB - CONSTRUCT FOUNDATIONS AND PIERS; BEGIN DECK

   B. FAI RTE 80/94 BRIDGE OVER BURNHAM AVE
      ==> EB CENTERLINE TO LANE 3 - COMPLETE BRIDGE
      ==> WB - REMOVE THE EXISTING BRIDGE; CONSTRUCT FOUNDATIONS AND PIERS

   C. FAI RTE 80/94 EB ROADWAY
      ==> STA. 4+500 TO STA. 5+400 - CONTINUE EARTHWORK AND DRAINAGE
      ==> STA. 5+400 TO RAILROAD AVENUE - COMPLETE REMOVALS; BEGIN EARTHWORK AND DRAINAGE; PULL SHEET PILING STA. 5+825 TO RAILROAD (REMOVAL CONTINGENT UPON STATUS OF EARTHWORK AND ENGINEER'S APPROVAL)
      ==> RAILROAD AVENUE TO STA. 6+200 - COMPLETE REMOVALS, WICK DRAINS, AND EARTHWORK; BEGIN DRAINAGE
      ==> STA. 6+200 TO BURNHAM AVENUE - COMPLETE PAVEMENT FOR LANES 1, 2, AND 3

   D. FAI RTE 80/94 WB ROADWAY
      ==> STA. 4+500 TO RAILROAD AVENUE - CONTINUE EARTHWORK AND DRAINAGE
      ==> RAILROAD AVENUE TO STA. 6+200 - ALLOW SETTLEMENT AT WICK DRAIN INSTALLATION TO CONTINUE
      ==> STA. 6+200 TO BURNHAM AVENUE - COMPLETE PAVEMENT

   E. FAI RTE 80/94 CENTER MEDIAN
      ==> STA. 6+200 TO STA. 6+325 - COMPLETE SHOULDERS AND CONCRETE BARRIER
      ==> STA. 6+325 TO STA. 6+550 - CONSTRUCT TEMPORARY PAVEMENT
      ==> STA. 6+550 TO BURNHAM AVENUE - COMPLETE SHOULDERS AND CONCRETE BARRIER

PHASE III, STAGE III

1. FAI RTE 80/94 EB TRAFFIC - MAINTAIN EB TRAFFIC AS IN STAGE II.
2. FAI RTE 80/94 WB TRAFFIC - MAINTAIN WB TRAFFIC AS SHOWN ON THE PLANS ON THE NEW FAI RTE 80/94 EB PAVEMENT FROM THE EAST PROJECT LIMIT NEAR BURNHAM AVENUE UNTIL THE MEDIAN CROSSOVER WHERE WB TRAFFIC WILL WEAVE BACK ONTO FAI RTE 94 WB.
3. MAJOR ITEMS OF WORK DURING THIS STAGE

   A. FAI RTE 80/94 BRIDGE OVER RAILROAD AVE
      ==> EB - COMPLETE BRIDGE
      ==> WB - COMPLETE BRIDGE

   B. FAI RTE 80/94 BRIDGE OVER BURNHAM AVE
      ==> WB - COMPLETE BRIDGE

   C. FAI RTE 80/94 EB ROADWAY
      ==> STA. 4+500 TO RAILROAD AVENUE - COMPLETE PAVEMENT WITH THE EXCEPTION OF LANE 4 FROM STA. 5+815 TO RAILROAD AVENUE
      ==> RAILROAD AVENUE TO STA. 6+200 - COMPLETE PAVEMENT EXCEPT FOR LANE 4 FROM RAILROAD AVENUE TO STA. 6+360

   D. FAI RTE 80/94 WB ROADWAY
      ==> STA. 4+500 TO RAILROAD AVENUE - COMPLETE ROADWAY
      ==> RAILROAD AVENUE TO STA. 6+200 - COMPLETE ROADWAY

   E. FAI RTE 80/94 CENTER MEDIAN
      ==> STA. 4+500 TO RAILROAD AVENUE - COMPLETE SHOULDERS AND CONCRETE BARRIER
      ==> RAILROAD AVENUE TO STA. 6+200 - COMPLETE SHOULDERS AND CONCRETE BARRIER

   F. FAI RTE 80/94
      ==> COMPLETE SIGNING AS SHOWN ON PROPOSED SIGNING PLANS

   G. ACCIDENT INVESTIGATION SITES
      ==> COMPLETE ACCIDENT INVESTIGATION SITES ALONG CD ROAD EB AND I-94 WB

PHASE III, STAGE IV

1. FAI RTE 80/94 EB TRAFFIC - REROUTE ONE EB LANE OF TRAFFIC TO THE NEWLY COMPLETED LANE 1 ACROSS RAILROAD AVENUE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE SINGLE LANE WEAVE DETAIL.
2. FAI RTE 80/94 WB TRAFFIC - MAINTAIN WB TRAFFIC AS IN STAGE III.
3. MAJOR ITEMS OF WORK DURING THIS STAGE

   A. FAI RTE 80/94 EB ROADWAY
      ==> STA. 5+815 TO RAILROAD AVENUE - COMPLETE LANE 4 PAVEMENT
      ==> RAILROAD AVENUE TO STA. 6+360 - COMPLETE LANE 4 PAVEMENT

   B. FAI RTE 80/94
      ==> COMPLETE PAVEMENT MARKING
      ==> COMPLETE SIGNING AS SHOWN ON PROPOSED SIGNING PLANS
      ==> OPEN ROADWAY TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING AND LANDSCAPING PLANS

SUBSEQUENT TO OPENING FAI RTE 80/94 WB TO TRAFFIC AS SHOWN IN THE PAVEMENT MARKING AND LANDSCAPING PLANS, COMPLETE THE FOLLOWING USING THE APPROPRIATE STANDARDS AND DISTRICT ONE DETAILS AS APPROVED BY THE ENGINEER.

1. NEAR TEMPORARY RAMP U-2

   A. REMOVE TEMPORARY RAMP U-2
   B. CONSTRUCT THE GAPS IN THE SHOULDERS ALONG I-94 WB AND RAMP U
   C. COMPLETE THE GRADING AND BITUMINOUS SURFACING BETWEEN I-80 AND I-94 WB

SUBSEQUENT TO OPENING FAI RTE 80/94 EB TO TRAFFIC AS SHOWN IN THE PAVEMENT MARKING AND LANDSCAPING PLANS, COMPLETE THE FOLLOWING USING THE APPROPRIATE STANDARDS AND DISTRICT ONE DETAILS AS APPROVED BY THE ENGINEER.

1. FAI RTE 80/94 CENTER MEDIAN FROM STA. 6+325 TO STA. 6+550

   A. REMOVE TEMPORARY PAVEMENT
   B. COMPLETE DRAINAGE, PCC SHOULDERS, AND CONCRETE BARRIER

(SEE SHEET 142 FOR CONTINUATION)

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
SUGGESTED CONSTRUCTION STAGING I

SCALE: NONE
DATE: 8/22/05
DRAWN BY: OP
CHECKED BY: JP

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

..\A8950012A.DGN,..\MT50012A.DGN T:\DOCUMENT\83750\CIVIL\DGN\MT70012A.DGN BAJZEKKJ
8-18-2005,10:14:47
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.
80/94	*	COOK	631	142
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC (CONT. FROM SHEET 141)

BURNHAM AVENUE

BURNHAM AVENUE STAGES 1 AND 2 APPLY TO WORK ON BURNHAM AVENUE AND THE ADJOINING SECTIONS OF 175TH STREET AND BERNICE AVENUE. BEGIN THE WORK SHOWN IN THESE STAGES ONCE ALL PORTIONS OF THE EXISTING I-80/94 BRIDGE OVER BURNHAM AVENUE HAVE BEEN REMOVED. THE SUGGESTED STAGES OF CONSTRUCTION SHOW THAT THIS WILL OCCUR SOMETIME NEAR THE END OF FAI RTE 80/94 PHASE III, STAGE II. IT IS ANTICIPATED THAT CONSTRUCTION OF BURNHAM AVENUE WILL BEGIN DURING FAI RTE 80/94 PHASE III, STAGE III AND BE COMPLETED PRIOR TO OR DURING FAI RTE 80/94 PHASE III, STAGE IV.

BURNHAM AVENUE, STAGE 1

1. NB TRAFFIC - MAINTAIN ONE LANE OF TRAFFIC ON THE OUTSIDE OF THE EXISTING PAVEMENT BY DROPPING THE LEFT LANE AS SHOWN ON THE PLANS.

2. SB TRAFFIC - CLOSE BURNHAM AVENUE TO SOUTH BOUND TRAFFIC BETWEEN BERNICE ROAD AND 176TH STREET AND PROVIDE A DETOUR AS SHOWN ON THE PLANS.

3. MAJOR ITEMS OF WORK DURING THIS STAGE

   A. BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER NECESSARY TO COMPLETE THE PROPOSED SOUTHBOUND LANES TO THE CENTERLINE.
   B. 175TH STREET AND BERNICE AVENUE WEST OF BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER.

BURNHAM AVENUE, STAGE 2

1. NB TRAFFIC - MAINTAIN ONE LANE OF TRAFFIC ON THE NEW SOUTHBOUND PAVEMENT AS SHOWN ON THE PLANS.

2. SB TRAFFIC - REMOVE DETOUR. MAINTAIN ONE LANE OF TRAFFIC ON THE NEW SOUTHBOUND PAVEMENT AS SHOWN ON THE PLANS.

3. MAJOR ITEMS OF WORK DURING THIS STAGE

   A. BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER NECESSARY TO COMPLETE THE PROPOSED NORTHBOUND LANES TO THE CENTERLINE.
   B. 175TH STREET AND BERNICE AVENUE EAST OF BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER.
   C. OPEN ROADWAYS (BURNHAM AVENUE, 175TH STREET, AND BERNICE AVENUE) TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING AND LANDSCAPING PLANS EXCEPT THAT TEMPORARY PAVEMENT MARKING SHALL BE USED ON BINDER COURSE WHERE PRESENT.

SUBSEQUENT TO OPENING BURNHAM AVENUE, 175TH STREET AND BERNICE AVENUE TO TRAFFIC AS SPECIFIED IN BURNHAM AVENUE, STAGE 2, COMPLETE THE FOLLOWING.

1. BITUMINOUS CONCRETE SURFACE COURSE
2. PAVEMENT MARKING AND LANDSCAPING
3. OPEN ROADWAY TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING AND LANDSCAPING PLANS

RAILROAD AVENUE

BEGIN CONSTRUCTION OF RAILROAD AVENUE ONCE ALL PORTIONS OF THE EXISTING I-80/94 BRIDGE OVER RAILROAD AVENUE HAVE BEEN REMOVED. THE SUGGESTED STAGES OF CONSTRUCTION SHOW THAT THIS WILL OCCUR SOMETIME NEAR THE END OF FAI RTE 80/94 PHASE III, STAGE II. IT IS ANTICIPATED THAT CONSTRUCTION OF RAILROAD AVENUE WILL BEGIN DURING FAI RTE 80/94 PHASE III, STAGE III AND BE COMPLETED PRIOR TO OR DURING FAI RTE 80/94 PHASE III, STAGE IV.

STAGING GENERAL NOTES:

1. REFER TO THE ROADWAY PLANS AND THE MAINTENANCE OF TRAFFIC PLANS FOR GEOMETRIC INFORMATION.

2. 100mm SOLID WHITE LINES SHALL BE USED TO DEFINE RIGHT EDGE LINES AND 100mm SOLID YELLOW LINES SHALL BE USED TO DEFINE LEFT EDGE LINES DURING CONSTRUCTION STAGING.

3. THE BARRIER UNIT AT EACH END OF THE TEMPORARY BARRIER WALL INSTALLATION SHALL BE ANCHORED TO THE PAVEMENT OR THE SHOULDER. AT LOCATIONS WHERE HAZARDS EXIST WITHIN 1.1m OF THE TEMPORARY CONCRETE BARRIER, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT OR SHOULDER. THE 1.1m IS MEASURED FROM THE EDGE OF THE HAZARD TO THE FACE OF THE BARRIER UNIT.

4. SAND MODULES USED IN IMPACT ATTENUATOR SYSTEMS SHALL BE PLACED ON A BITUMINOUS OR PCC CONCRETE SURFACE. AT THE CORNER OF THE HAZARD WITH APPROACHING TRAFFIC, THE EXTERIOR MODULE SHALL BE OFFSET LATERALLY A MINIMUM OF 750mm FROM THE CORNER OF THE HAZARD. THE EXTERIOR MODULE OF THE SYSTEM MUST BE A MINIMUM OF 300mm FROM THE EDGE OF THE TRAFFIC LANE.

5. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I AND TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. THE COST OF SAND BAGS USED ON BARRICADES ON I-80/94 KINGERY EXPRESSWAY SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). THE COST OF SAND BAGS USED ON BARRICADES USED ELSEWHERE ON THE PROJECT SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

6. SEE THE "EROSION CONTROL PLANS" FOR TEMPORARY DRAINAGE INFORMATION.

7. SUFFICIENT QUANTITIES OF MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS AND TEMPORARY PAVEMENT MARKING LINE 150mm HAVE BEEN INCLUDED IN THE CONTRACT TO RESTORE THESE ITEMS ON ALL EXISTING TEMPORARY CONCRETE BARRIERS ON SITE AT THE BEGINNING OF THE CONTRACT. IN ADDITION, MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS SHALL BE INSTALLED ON PROPOSED AND EXISITNG CONCRETE BARRIERS AND PARAPETS WHERE TRAFFIC WILL BE WITHIN 2.4m OF THE BARRIER/PARAPET AT ANY TIME DURING CONSTRUCTION. THE REFLECTORS SHALL BE INSTALLED ON THE SIDE OF THE BARRIER/PARAPET 710mm FROM THE TOP OF SHOULDER TO THE BOTTOM OF THE REFLECTOR AT A SPACING OF 15m.

8. THE TERM "PHASE III" REFERS TO WORK DONE IN THIS CONTRACT AND WORK DONE IN CONCURRENT ADJACENT CONTRACTS BY OTHERS. THE TERM "PHASE II" REFERS TO WORK DONE IN EARLIER CONTRACTS BY OTHERS.

9. DRUMS / TYPE II BARRICADES (30M CENTERS ON TANGENTS, 15M CENTERS ALONG WEAVES AND IN GORES) MAY BE USED IN PLACE OF PAVEMENT MARKING TAPE, TYPE III (EXCEPT FOR LANE LINES) FOR A PERIOD OF 14 DAYS FROM THE TIME THE CLOSURE IS SET UP.

10. PAVEMENT MARKING REMOVAL: THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 783 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ARTICLE 783.02 (B) GRINDERS WILL NOT BE ALLOWED. ARTICLE 783.03 IS REVISED TO INCLUDE ITEM 783.02 (C) WATER JETTING (NOTE 1).

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
SUGGESTED CONSTRUCTION STAGING II
STAGING GENERAL NOTES

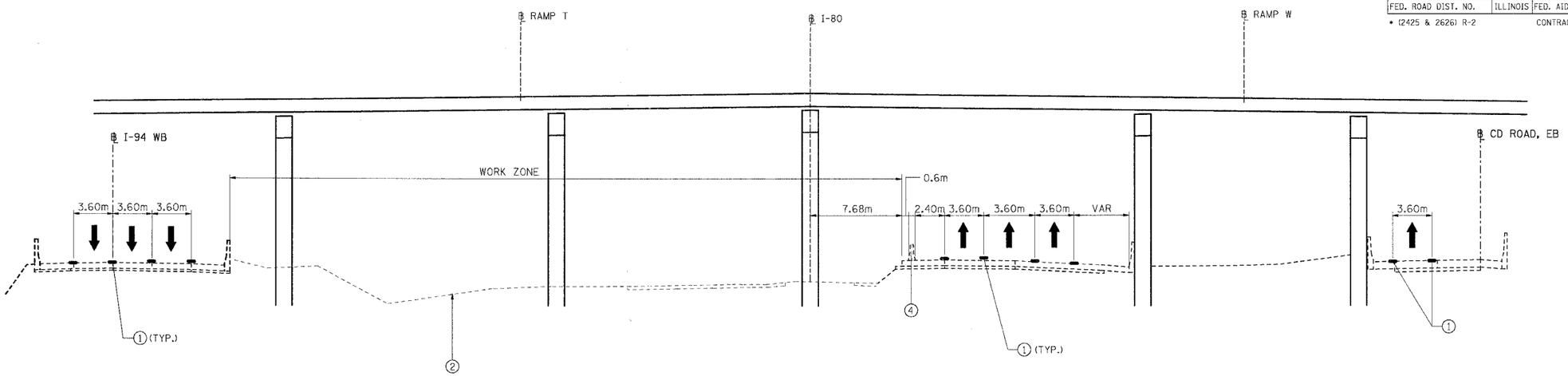
SCALE: NONE DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

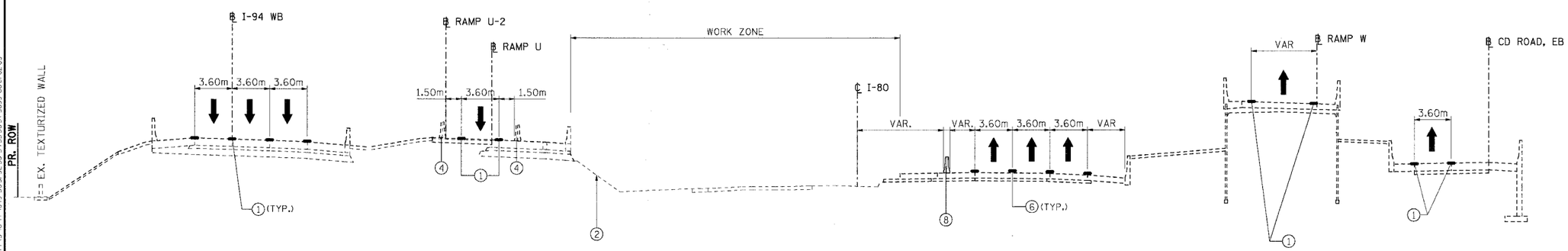
..\A899002A.DGN,..\MT030042A.DGN,..\MT70012A.DGN
9-13-2005,18:23:37 T:\DOCUMENT\931750\CIVIL\DGN\MT170012A.DGN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
HANSENOD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	143
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION A-A
STA 5+150.000



TYPICAL SECTION B-B
STA 5+425.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

TYPICAL SECTION GENERAL NOTES:

1. TEMPORARY PAVEMENT (INTERSTATE) SHALL CONSIST OF 280mm PCC PAVEMENT OR 355mm OF BITUMINOUS PAVEMENT CONSISTING OF:

   - 45mm POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105
   - 310mm BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N105.

   THE TEMPORARY PAVEMENTS SHOWN IN THE TYPICAL SECTIONS AND THE CROSS SECTIONS ARE DRAWN WITH THE BITUMINOUS PAVEMENT OPTION.

2. SEE GENERAL NOTES SHEET FOR BITUMINOUS MIXTURE REQUIREMENTS FOR BITUMINOUS PAVEMENTS.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE I

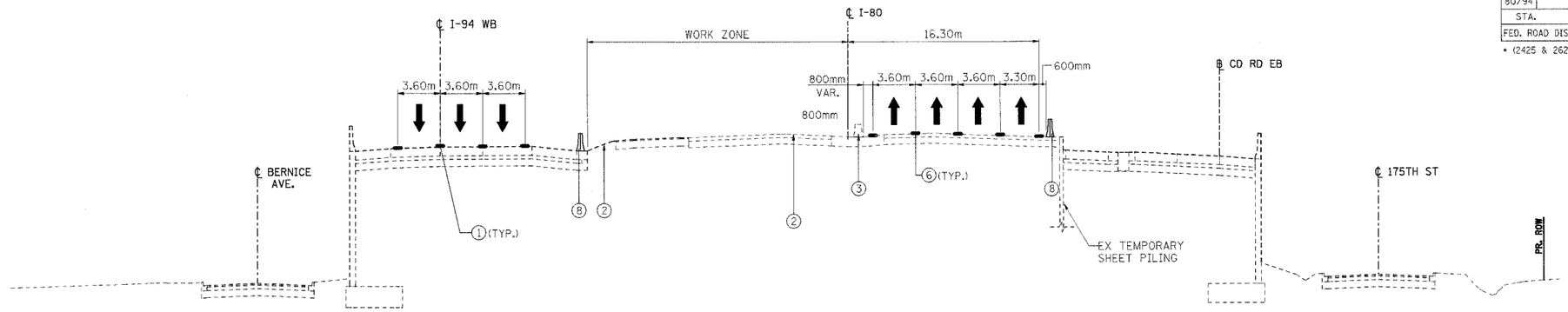
SCALE: NONE DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

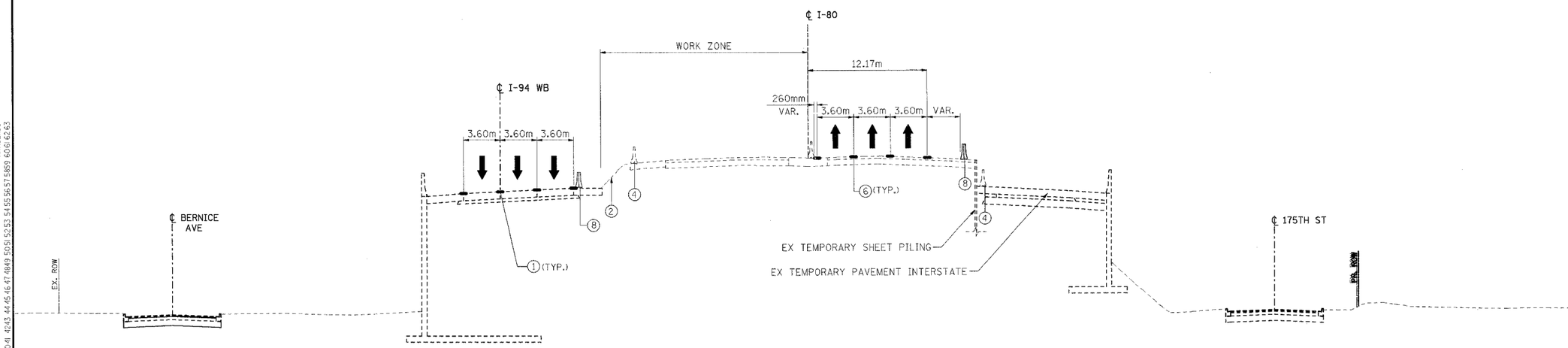
..\M89902A.DGN,..\VW17003A.DGN,..\MT35202A.DGN,..\TR17002A.DGN
8-18-2005,10:50 T:\DOCUMENT\95175DR\CIVIL\DGN\MT78002A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	144
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION C-C
STA 5+835.000



TYPICAL SECTION D-D
STA 6+250.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC FAI 80/94 - TYPICAL SECTIONS PHASE III, STAGE I

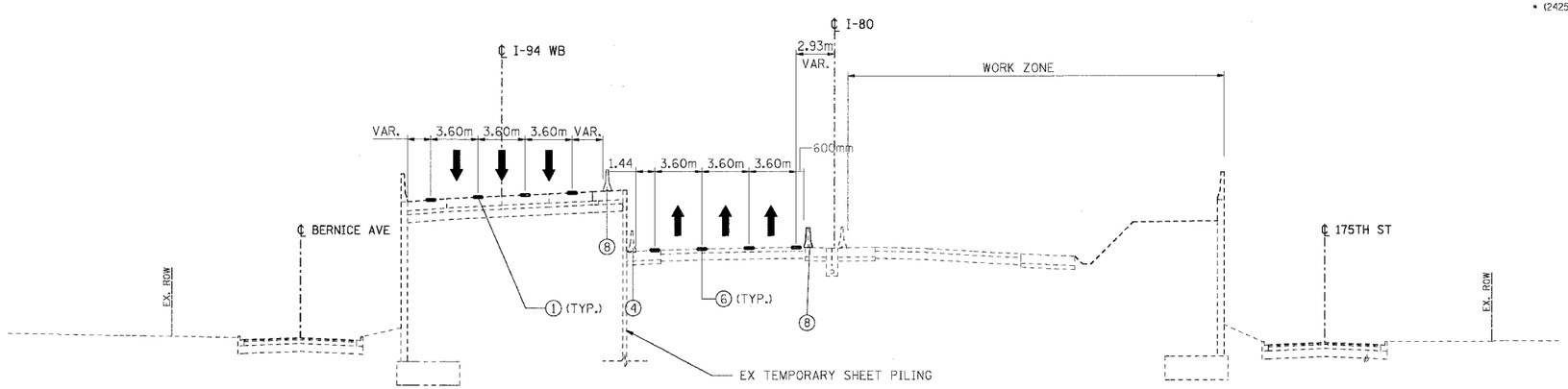
SCALE: NONE
DATE: 9/13/05
DRAWN BY: OP
CHECKED BY: JP

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

..\AB99003A.DGN..\XW70032A.DGN..\TR70012A.DGN..\MT135532A.DGN
9-13-2005,16:21:39 T:\DOCUMENT\B97F50\CIVIL\DGN\MTT80012A.DGN
HANSENDD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	145
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION E-E
STA 6+583.350

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

↑ TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE I

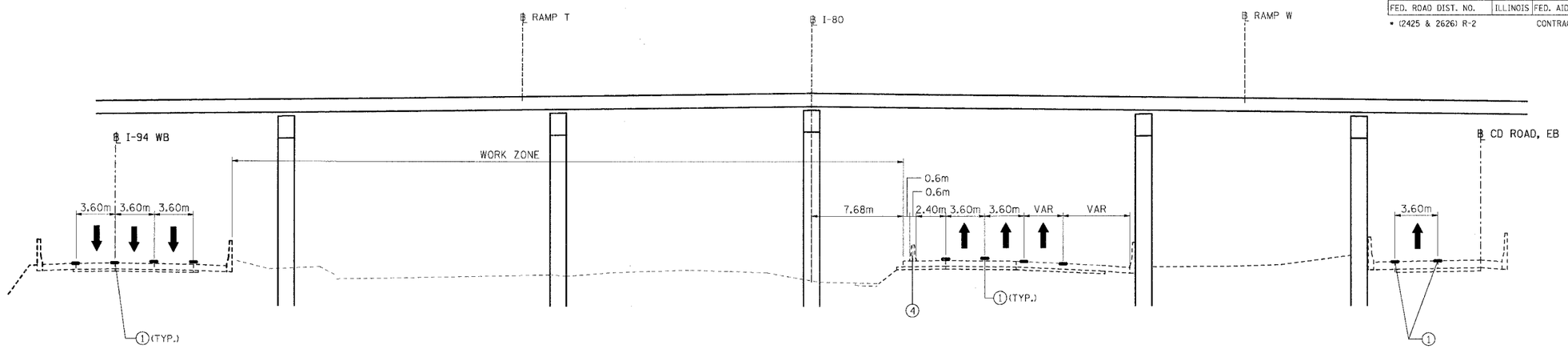
SCALE: NONE
DATE: 8/22/05
DRAWN BY: OP
CHECKED BY: JP

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

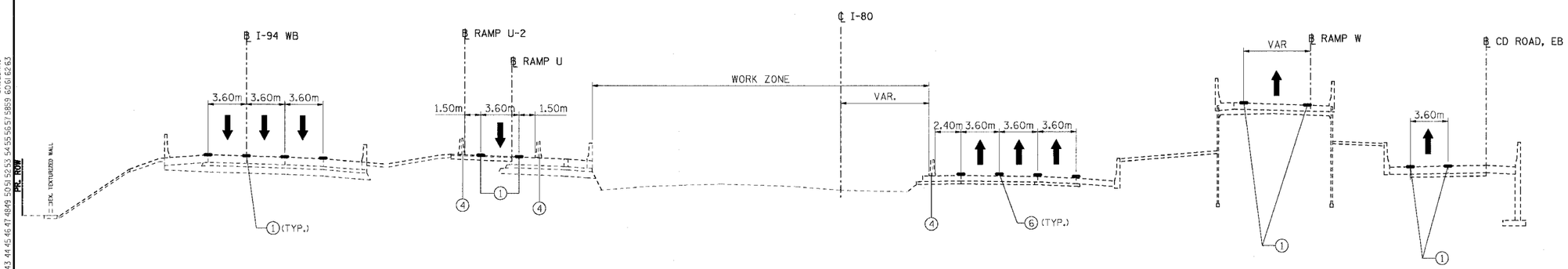
..\A899002A.DGN,..\XX99RS12A.DGN,..\TR170002A.DGN,..\MT178082A.DGN,..\MT135532A.DGN
8-18-2005, 10:45:52 T:\DOCUMENT\93750\CIVIL\DGN\MT178022A.DGN BAJZEKKJ
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	146
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION A-A
STA 5+150.000



TYPICAL SECTION B-B
STA 5+425.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE II

SCALE: NONE
DATE: 8/22/05
DRAWN BY: OP
CHECKED BY: JP

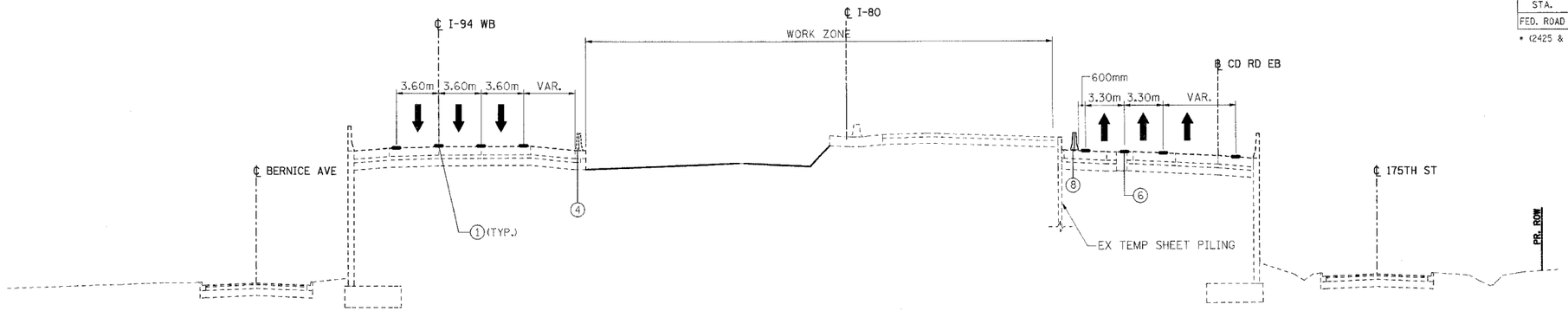
TENG

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

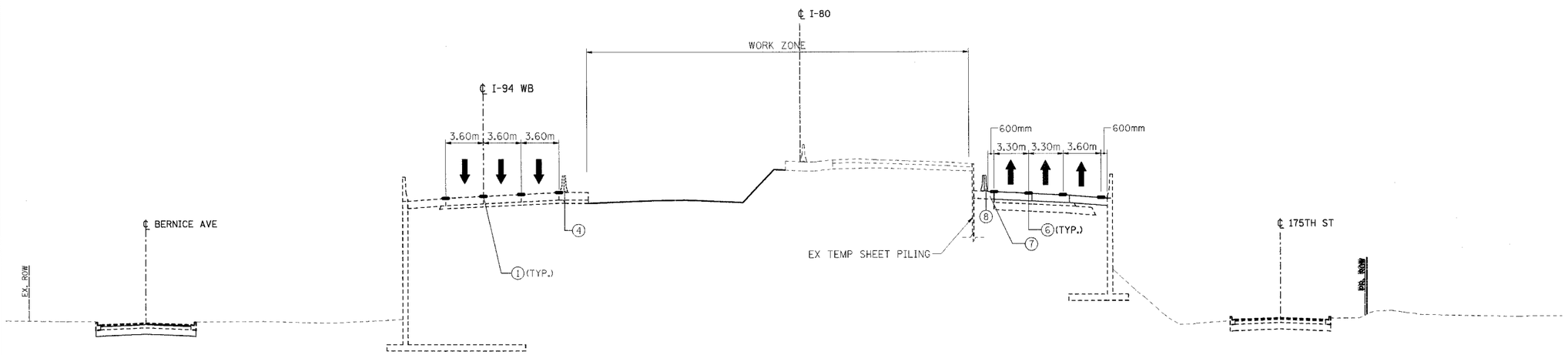
..\AB99002A.DGN,..\MT178002A.DGN,..\TR70002A.DGN,..\XX98RS12A.DGN
8-18-2005,10:53 T:\DOCUMENT\93750\CIVIL\DGN\MT178062A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	147
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION C-C
5+835.000



TYPICAL SECTION D-D
STA 6+250.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE II

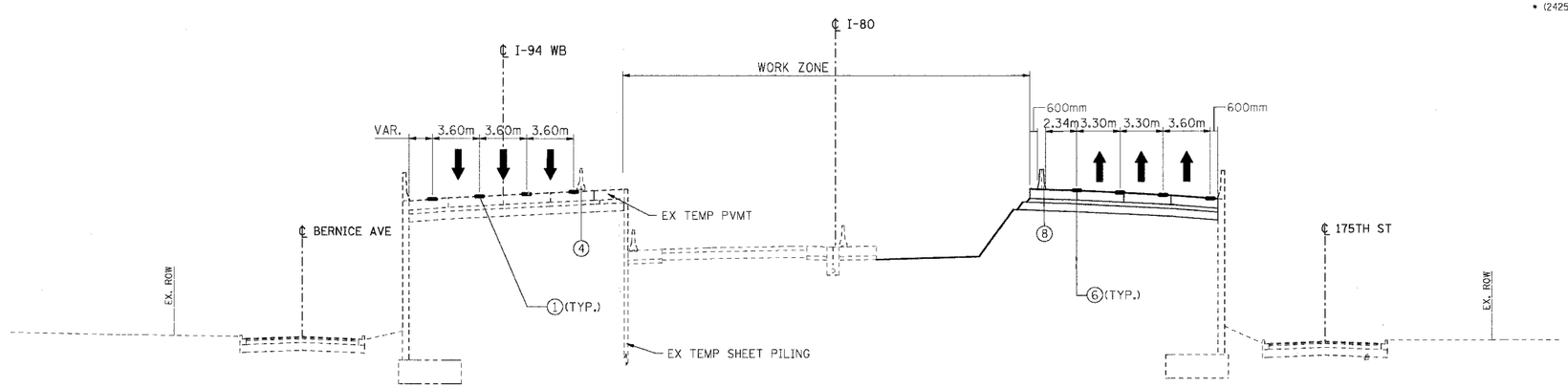
SCALE: NONE
DATE: 9/13/05
DRAWN BY: OP
CHECKED BY: JP

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

..\AB99002A.DGN, ..\MT78302A.DGN, ..\TR17002A.DGN, ..\XX99RSI2A.DGN
9-13-2005, 8:26:41 T:\DOCUMENTS\D37S0\CIVIL\DGN\MT78072A.DGN
HANCENDO
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.
80/94	*	COOK	631	148
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION E-E
STA 6+583.350

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE II

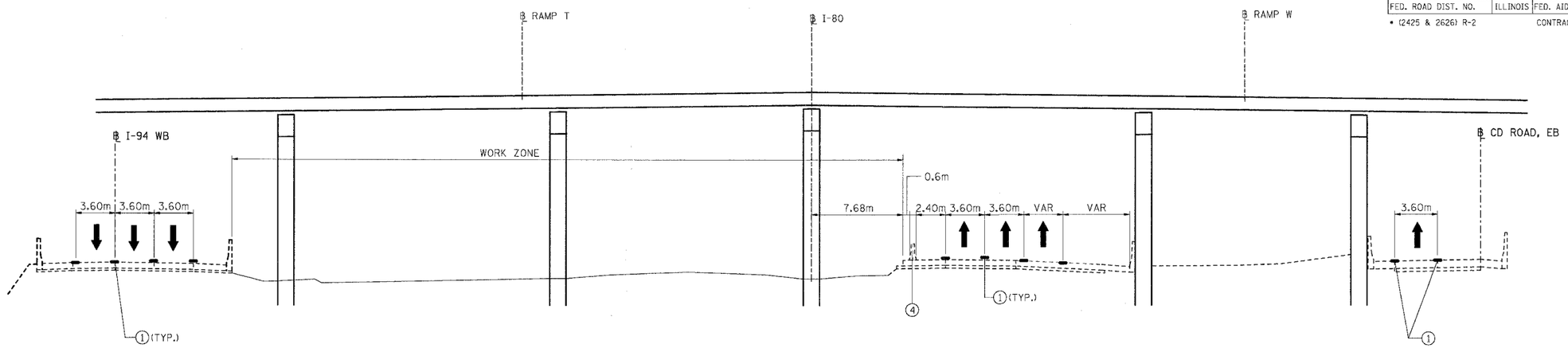
SCALE: NONE DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

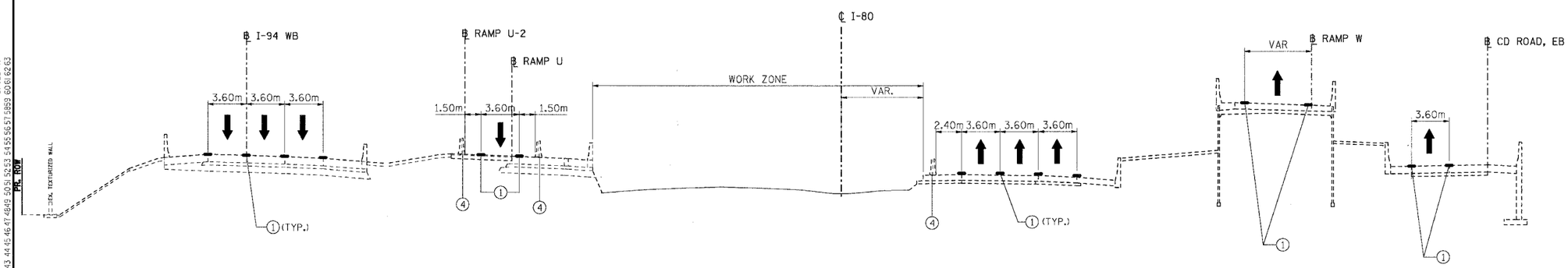
..\A8990002A.DGN, ..\VAW70032A.DGN, ..\TRIT0002A.DGN, ..\MTI78022A.DGN
8-18-2005, 10:45:55 T:\DOCUMENT\193750\CIVIL\DGN\MTI78082A.DGN
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	149
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION A-A
STA 5+150.000



TYPICAL SECTION B-B
STA 5+425.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE III

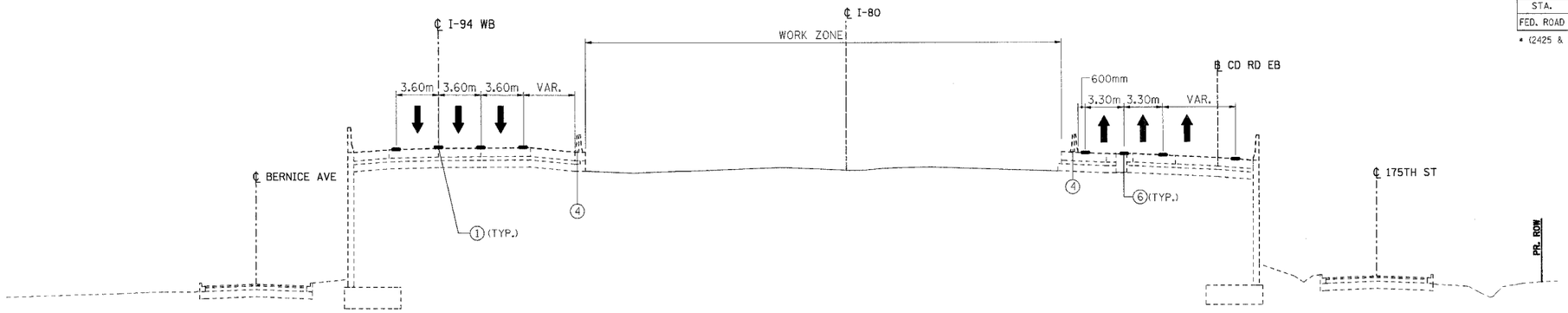
SCALE: NONE DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

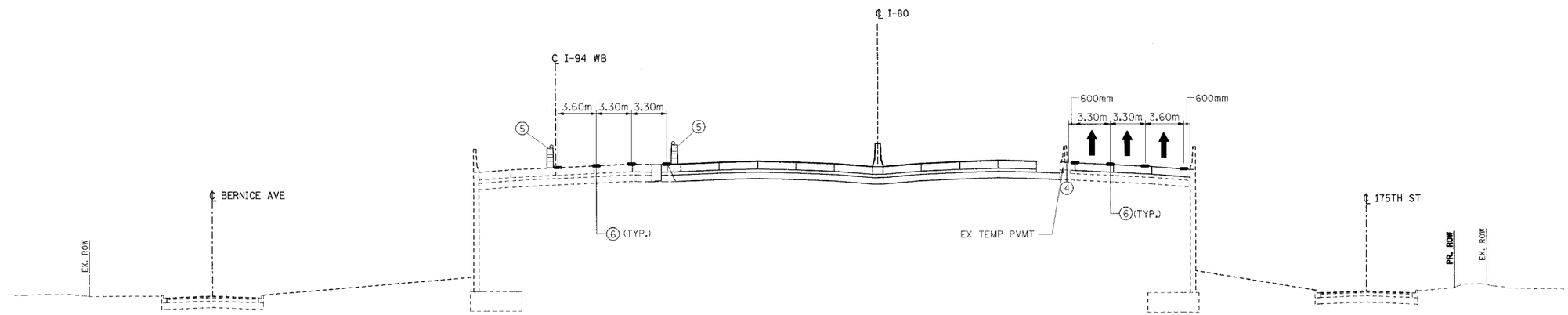
..\X8990C2A.DGN, ..\MTT18002A.DGN, ..\TR70012A.DGN, ..\XX99RS92A.DGN
8-16-2005, 10:15:56 T:\DOCUMENTS\95750\CIVIL\DGN\MTT18092A.DGN
BAJZEKKJ
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	150
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION C-C
5+835.000



TYPICAL SECTION D-D
STA 6+250.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE III

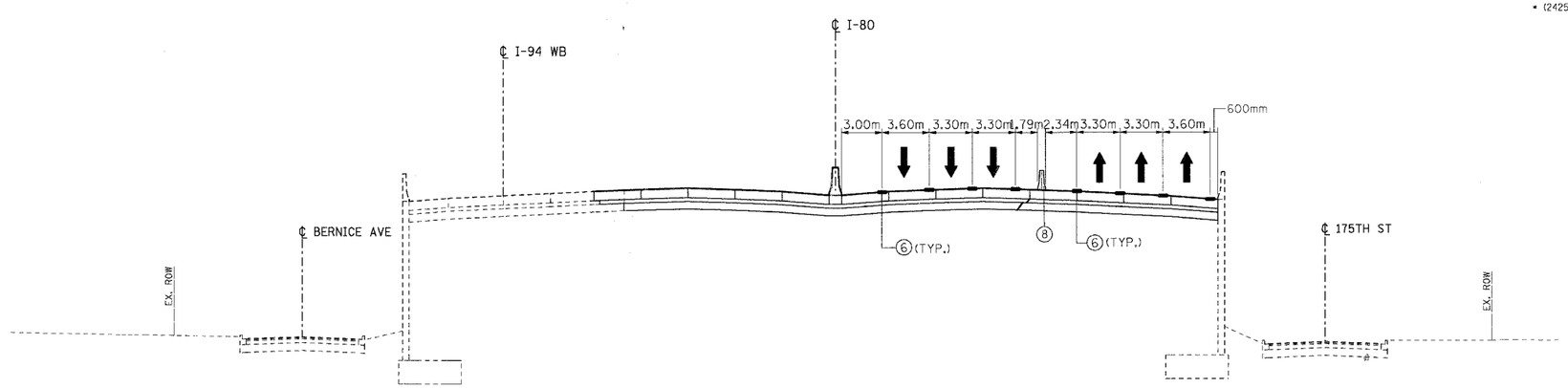
SCALE: NONE DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

..\AB39001A.DGN, ..\VWT0032A.DGN, ..\TR70012A.DGN, ..\MT78072A.DGN
9-13-2005, 1&2&+3 T:\DOCUMENT\93750\CIVIL\DGN\MT78012A.DGN
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
HANSENDD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	151
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION E-E
STA 6+583.350

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

↑ TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE III

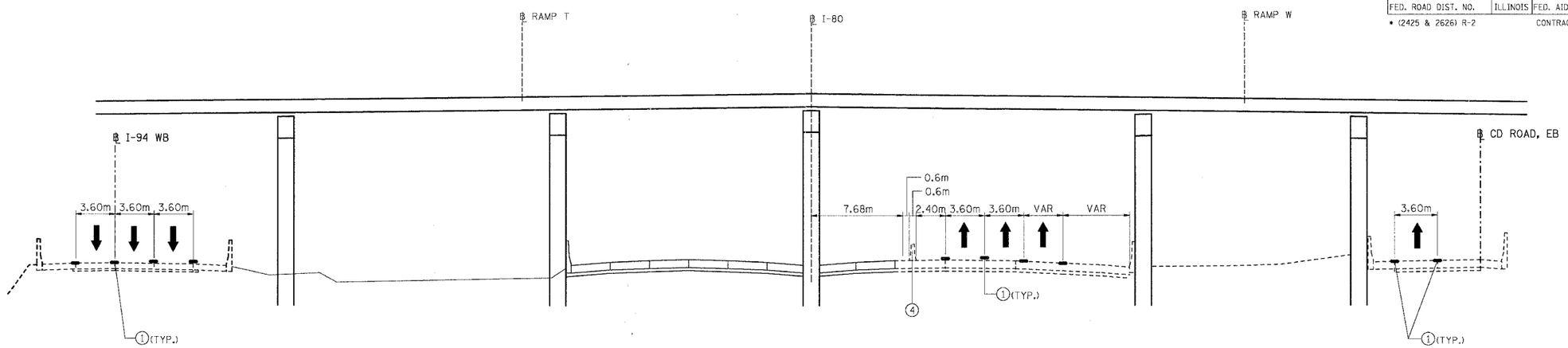
SCALE: NONE DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

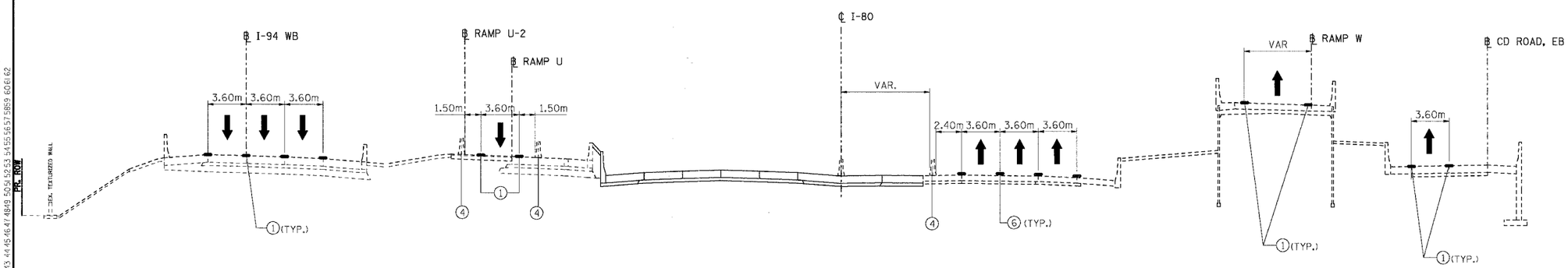
..\AB99001A.DGN,..\VAR70032A.DGN,..\TRT0032A.DGN,..\MT178082A.DGN
8-18-2005, Chas58 T:\DOCUMENT\193750\CIVIL\DGN\MT178022A.DGN
BAJZEKKJ
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	152
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION A-A
STA 5+150.000



TYPICAL SECTION B-B
STA 5+425.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE IV

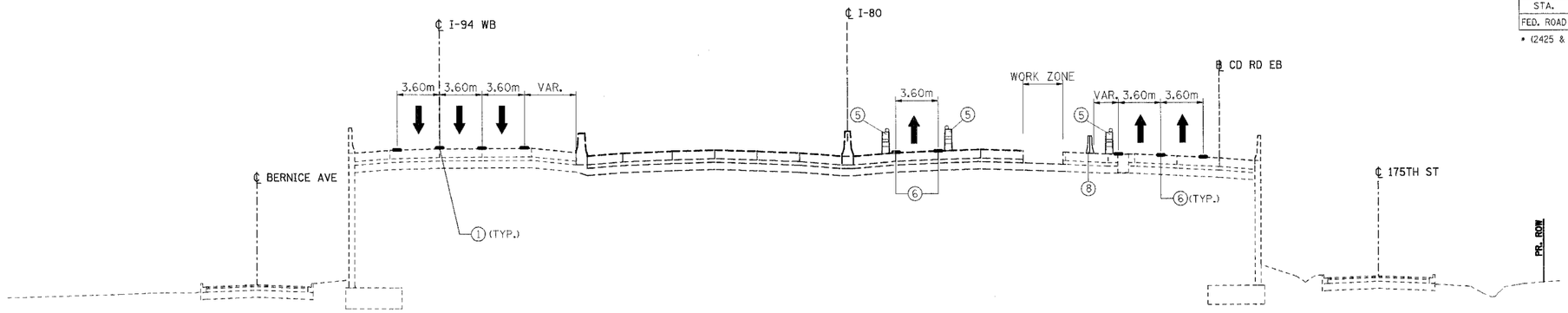
SCALE: NONE DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

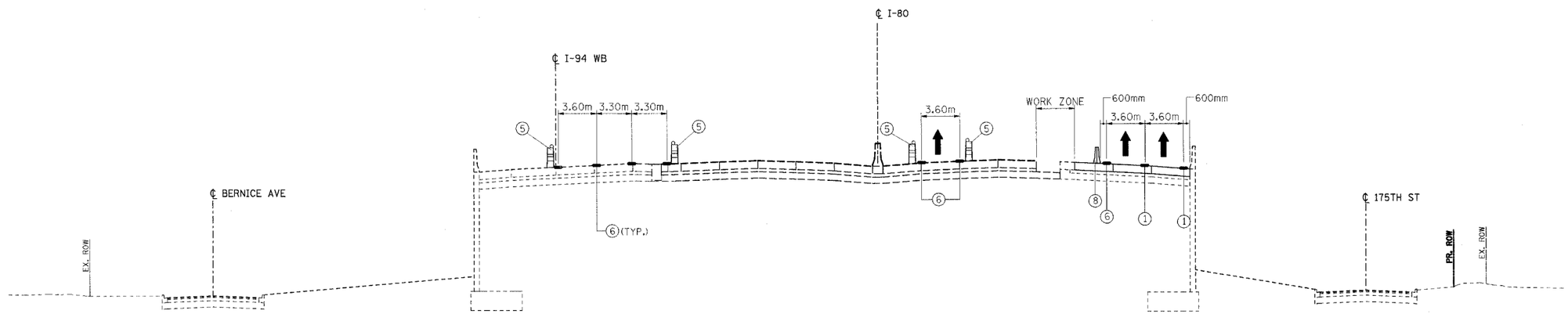
..\A699002A.DGN ..\TRT002A.DGN T:\DOCUMENT\93\50\CIVIL\DGN\MT78 32A.DGN BAJZEKJ
8-18-2005,10:41:59
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	153
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION C-C
5+835.000



TYPICAL SECTION D-D
STA 6+250.000

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT

VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE IV

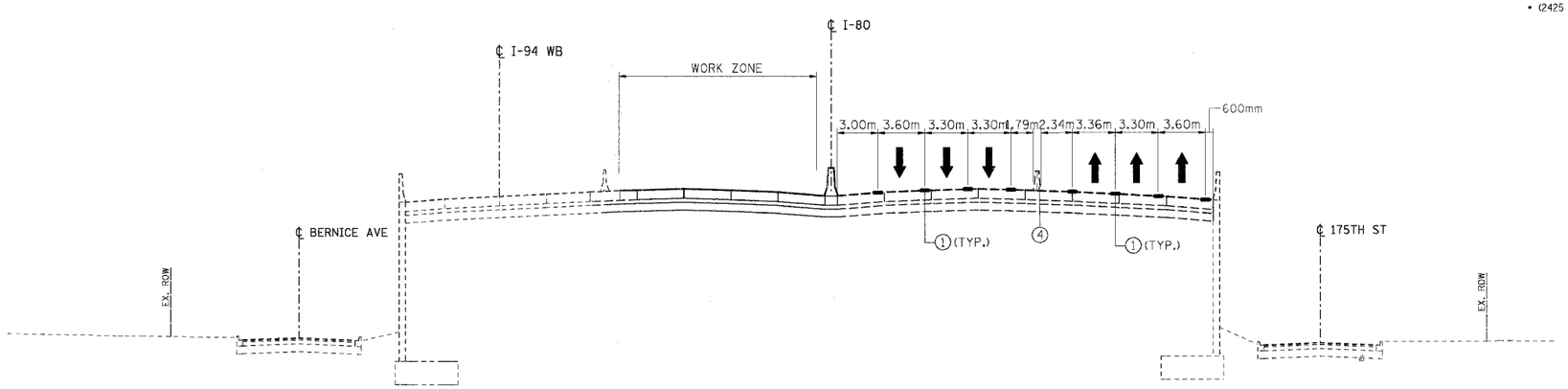
SCALE: NONE DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

..\A6990C02A.DGN,..\MT178I2A.DGN,..\TR7002A.DGN,..\XW7002A.DGN
9-13-2005,16:21:44 T:\DOCUMENT\B3150\CIVIL\DGN\MT178I42A.DGN
HANSENID

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	154
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION E-E
STA 6+583.350

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

↑ TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - TYPICAL SECTIONS
PHASE III, STAGE IV

SCALE: NONE
DATE: 8/22/05
DRAWN BY: OP
CHECKED BY: JP

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

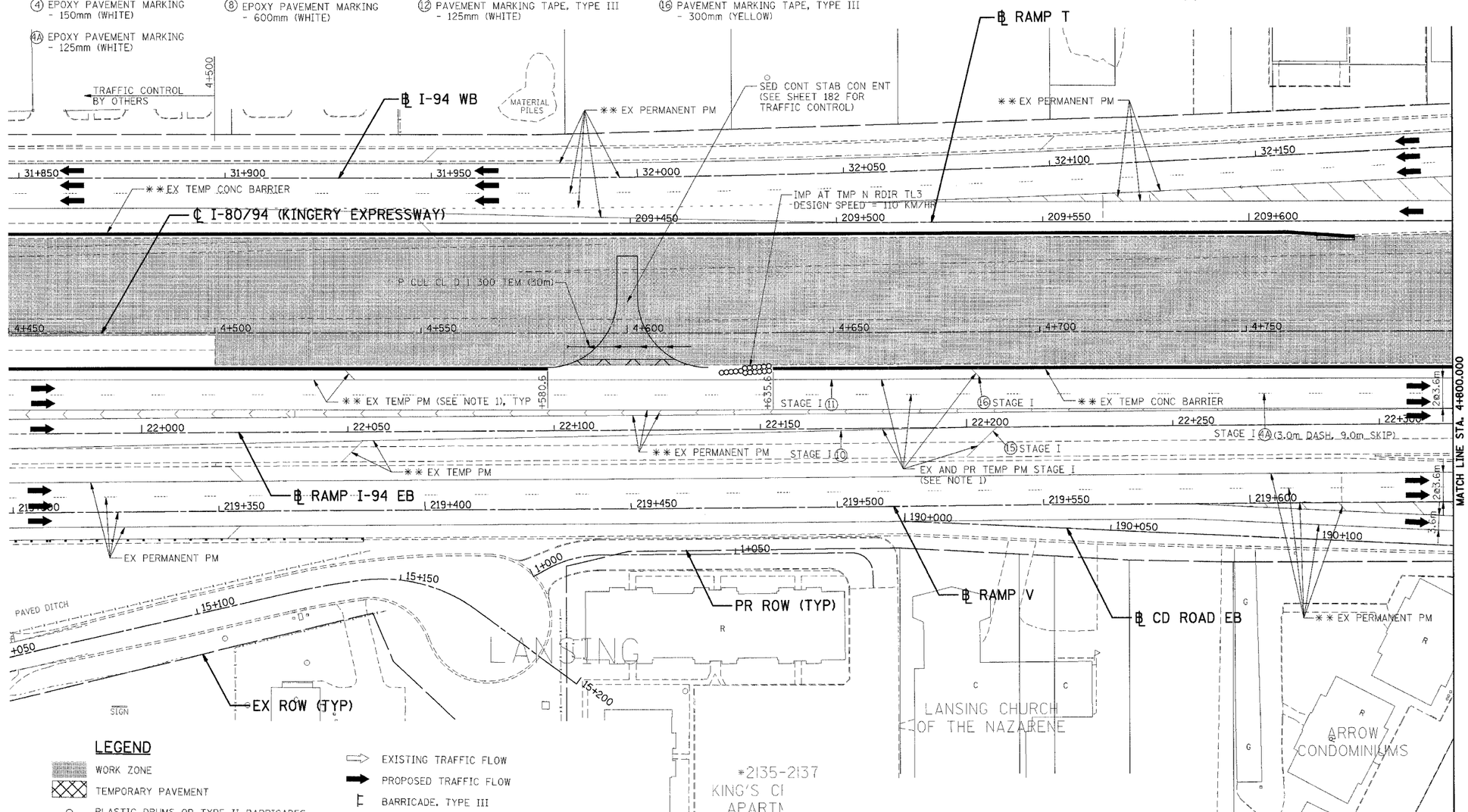
..\ABS9001A.DGN, ..\TR8T0002A.DGN
8-8-2005, 10:12:00 T:\DOCUMENT\1931750\CIVIL\DGN\WT78152A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	155
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE

1. REMOVE EXISTING I-80 EB STRIPING DURING THE PRESTAGE AND INSTALL NEW TEMPORARY PAVEMENT MARKINGS BEGINNING AT STA. 4+500.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PH III, ST I, II, III&IV
STA. 4+500 TO STA. 4+800

SCALE: 1:500 DRAWN BY: QP
DATE: 9/13/05 CHECKED BY: JP

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

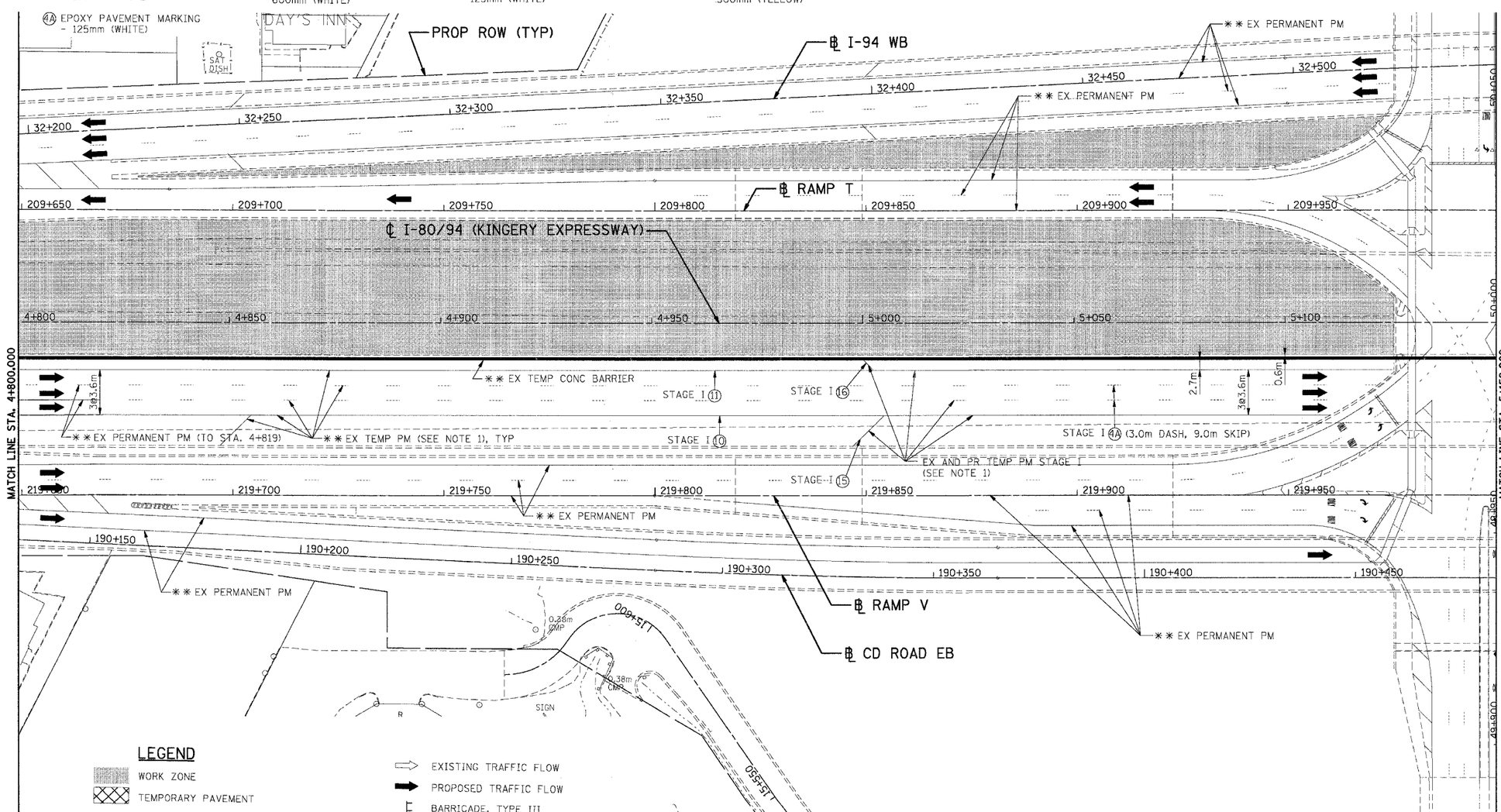
..\TR17002A.DGN, ..\PR17002A.DGN, ..\PR17002A.DGN, ..\TR17002A.DGN, ..\AB99002A.DGN, ..\TR17002A.DGN, ..\TR17002A.DGN, ..\TR17002A.DGN
9-13-2005, 8:2:45 T:\DOCUMENT\13MSON\CIVIL\DGN\MT17002A.DGN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
HANGEND

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	156
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE

1. REMOVE EXISTING I-80 EB STRIPING DURING THE PRESTAGE AND INSTALL NEW TEMPORARY PAVEMENT MARKINGS BEGINNING AT STA. 4+500.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PH III, ST I, II, III&IV
STA. 4+800 TO STA. 5+150

SCALE: 1:500 DRAWN BY: OB
DATE: 8/22/05 CHECKED BY: JP

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

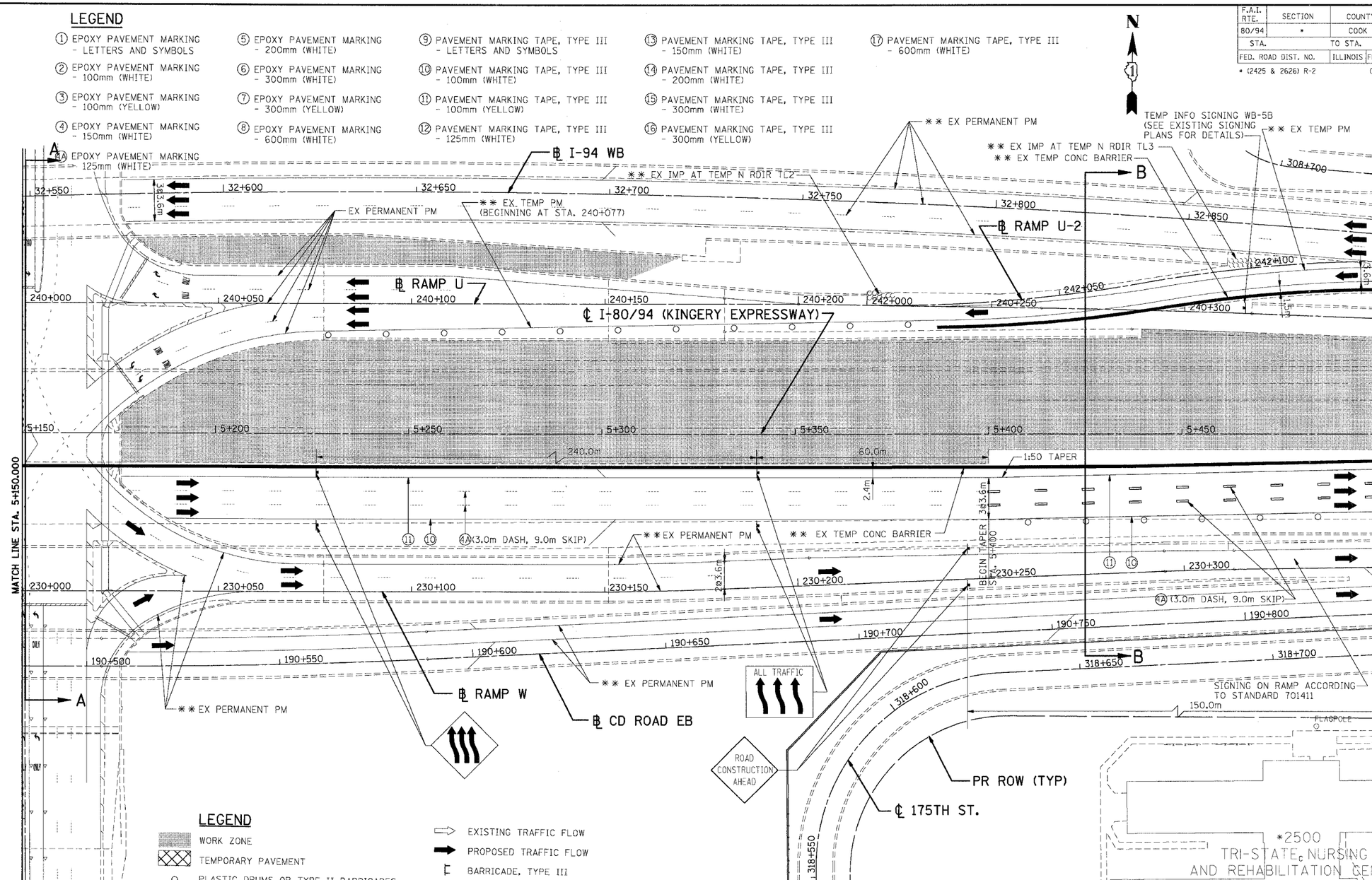
..\TR17002A.DGN,..\TR17002A.DGN,..\TR17002A.DGN,..\AB996C02A.DGN,..\TR17002A.DGN,..\TR17002A.DGN,..\TR17002A.DGN
8-18-2005, 10:12:02 T:\DOCUMENT\93750\CIVIL\DGN\MT17022A.DGN BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	157
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE:

1. SIGNING AND BARRICADES/DRUMS SHALL BE PROVIDED IN ACCORDANCE WITH THE MULTI-LANE WEAVE DETAIL ON DISTRICT ONE DETAIL TC09.
2. REMOVE EXISTING I-80 EB STRIPING DURING THE PRESTAGE AND INSTALL NEW TEMPORARY PAVEMENT MARKINGS TO STA. 5+400.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE I
STA. 5+150 TO STA. 5+500

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

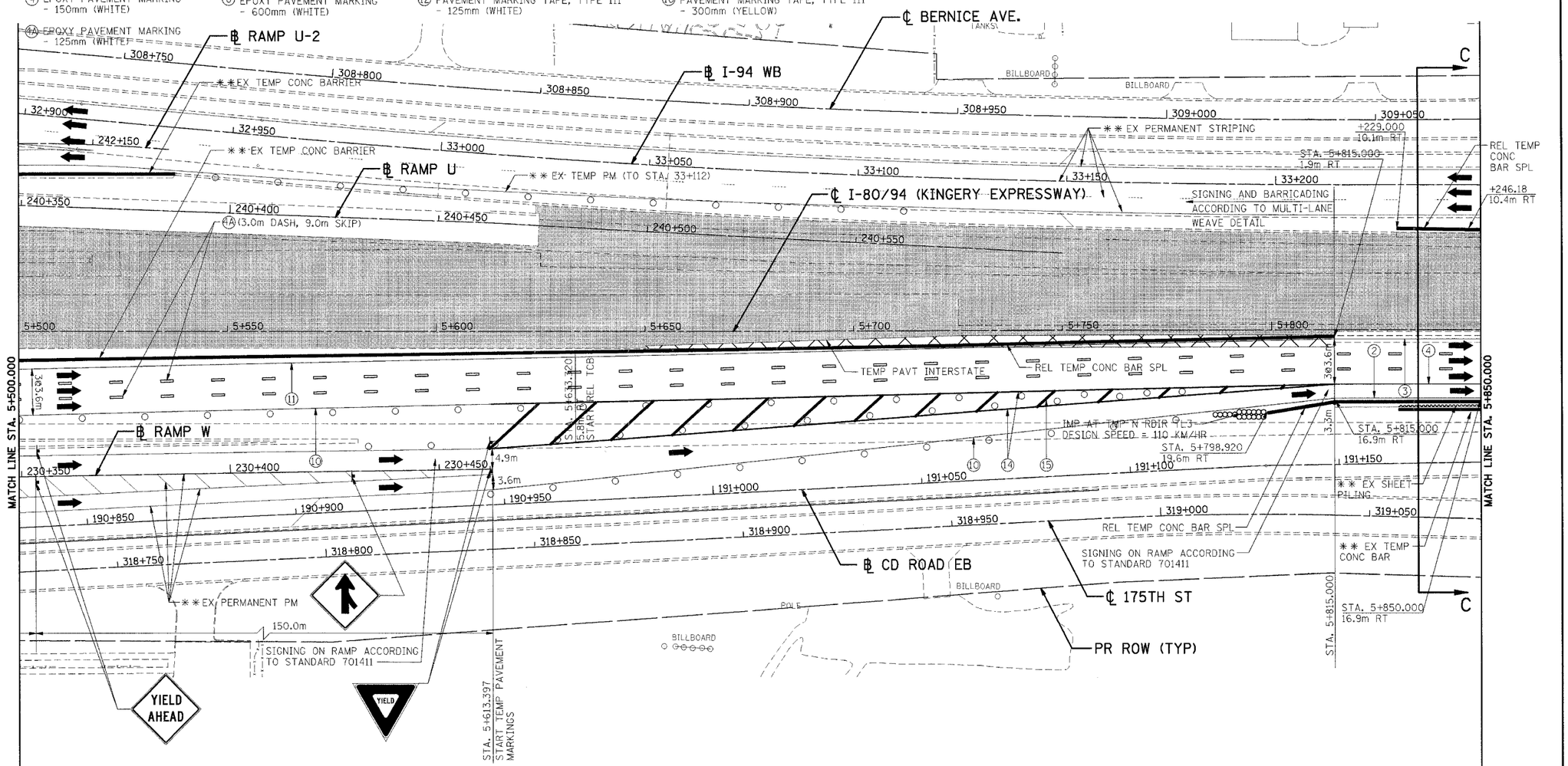
..\HR17002A.DGN..\PR17002A.DGN..\RR17002A.DGN..\TR17002A.DGN..\AB99002A.DGN..\WR17002A.DGN..\TR17002A.DGN..\TR17002A.DGN..\TR17002A.DGN
8-16-2005 10:26:02 T:\DOCUMENT\93750\CIVIL\DGN\MT17032A.DGN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 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.
80/94	*	COOK	631	158
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE I
STA. 5+500 TO STA. 5+850

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

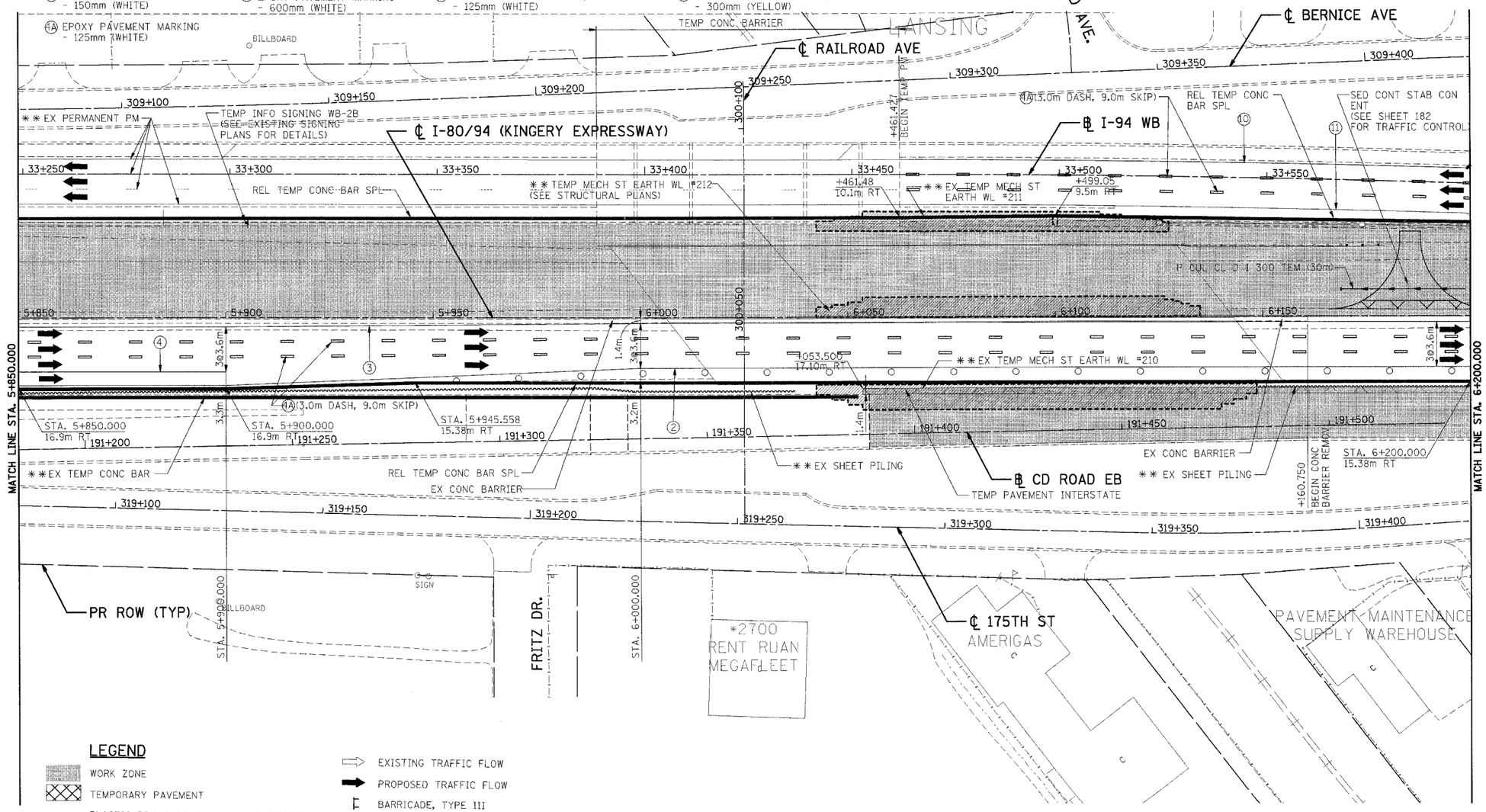
..\HR1T002A.DGN, ..\FR1T002A.DGN, ..\RR1T002A.DGN, ..\TR1T002A.DGN, ..\AB99001A.DGN, ..\TR1P32A.DGN, ..\TR1T002A.DGN, ..\TR1T002A.DGN, ..\TR1T002A.DGN, ..\TR1T002A.DGN, ..\HR1T002A.DGN
9-13-2005, 8:22:21 T:\DOCUMENT\93175\CIVIL\DGN\MT17T042A.DGN HANSENDD
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 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.
80/94	*	COOK	631	159
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC FAI 80/94 - PHASE III, STAGE I STA. 5+850 TO STA. 6+200

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

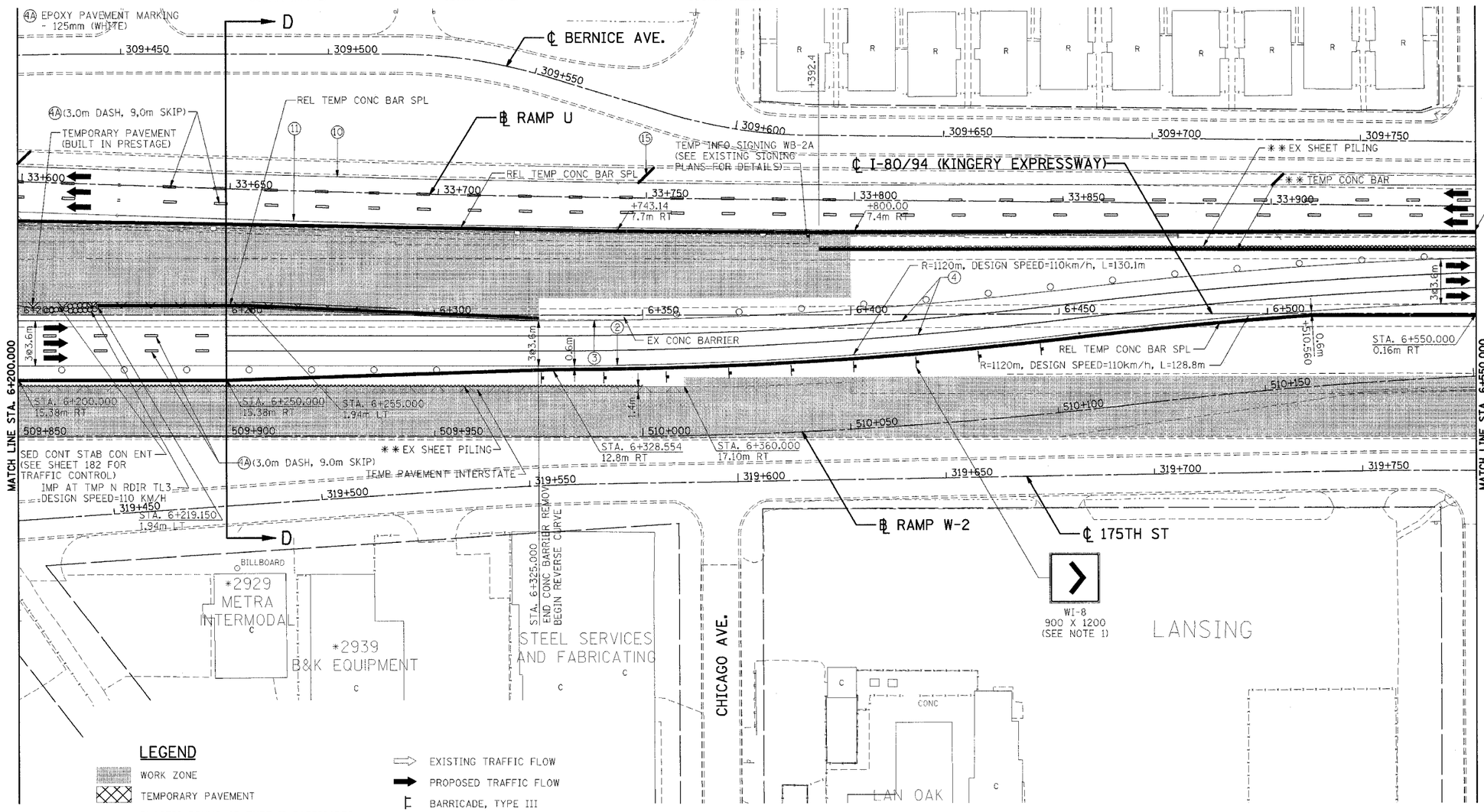
..\R17002A.DGN,..\R17002A.DGN,..\R17002A.DGN,..\R17002A.DGN,..\AB9300A2A.DGN,..\TR17002A.DGN,..\TR17002A.DGN,..\TR17002A.DGN
9-13-2005,18:22:21 T:\DOCUMENT\93150\CIVIL\DGN\MT17052A.DGN
1 2 3 4 5 6 7 8 9 0 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
HANSENDD

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	160
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTES:

1. SIGNING AND BARRICADES/ DRUMS SHALL BE PROVIDED IN ACCORDANCE WITH THE MULTI-LANE WEAVE DETAIL ON DISTRICT ONE DETAIL TC09. FOR EB TRAFFIC. IN ADDITION, W1-8 SIGNS SHALL BE PLACED AT 15m CENTER-TO-CENTER BEHIND THE TEMP CONC BARRIER FROM STA. 6+325 TO STA. 6+455.
2. PROVIDE MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS AT 3m CENTER-TO-CENTER SPACING THROUGH THE REVERSE CURVE.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE I
STA. 6+200 TO STA. 6+550

SCALE: 1:500 DRAWN BY: JP
DATE: 9/13/05 CHECKED BY: JP

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

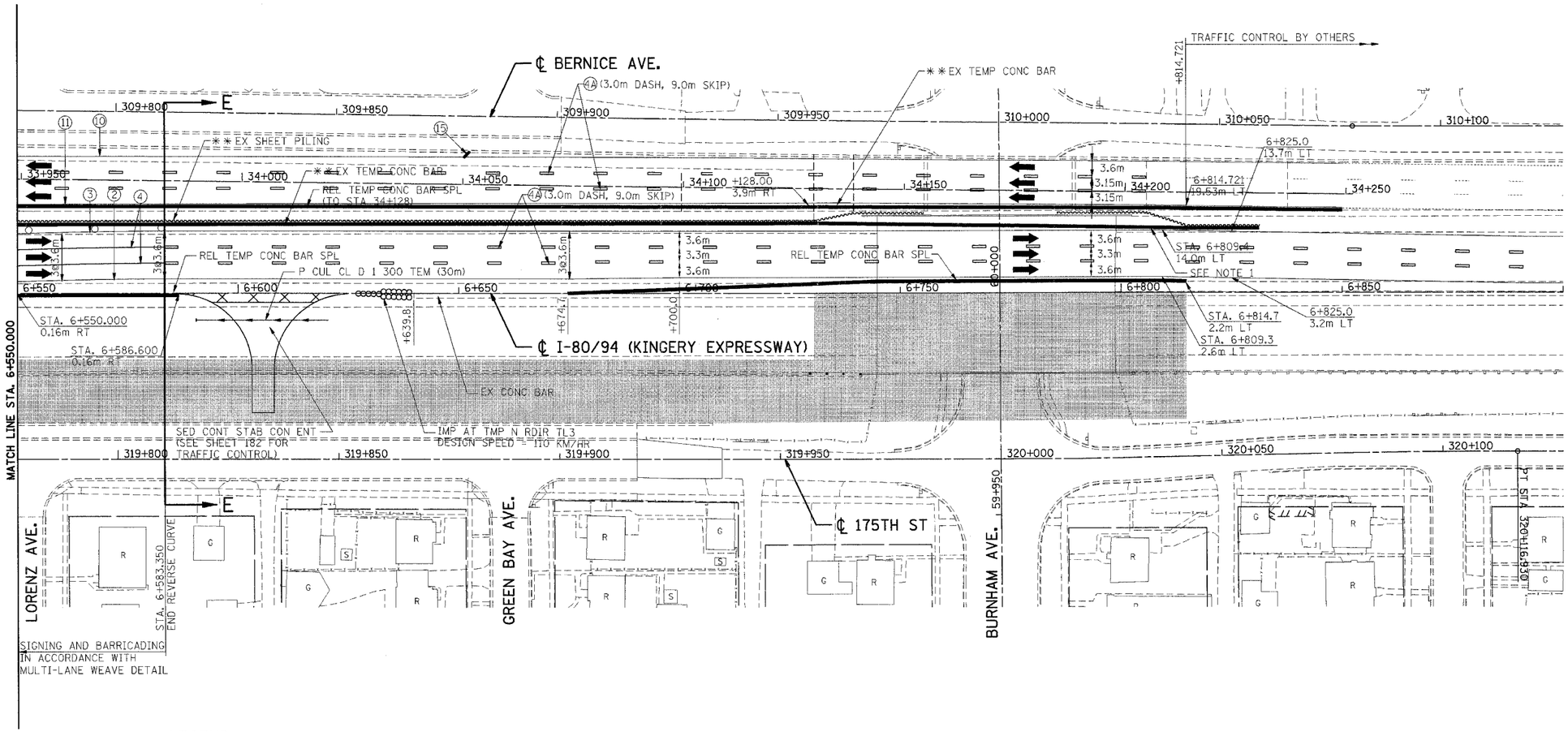
..\R80002A.DGN,..\R70022A.DGN,..\TR77022A.DGN,..\AB99002A.DGN,..\HR70022A.DGN,..\PR80002A.DGN,..\MR77022A.DGN,..\TR70002A.DGN,..\TR70002A.DGN
9-13-2005, 8:22:22 T:\DOCUMENT\193750\CIVIL\DGN\MT77062A.DGN HANSENDD
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 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.
80/94	*	COOK	631	161
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE:
1. TEMP CONC BARRIER SHALL BE ANCHORED TO THE PAVEMENT FROM THE END OF THE BRIDGE (STA. 6+799 TO THE BEND IN THE SHEET PILING AT STA. 6+814.721

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE I
STA. 6+550 TO STA. 6+814.721

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

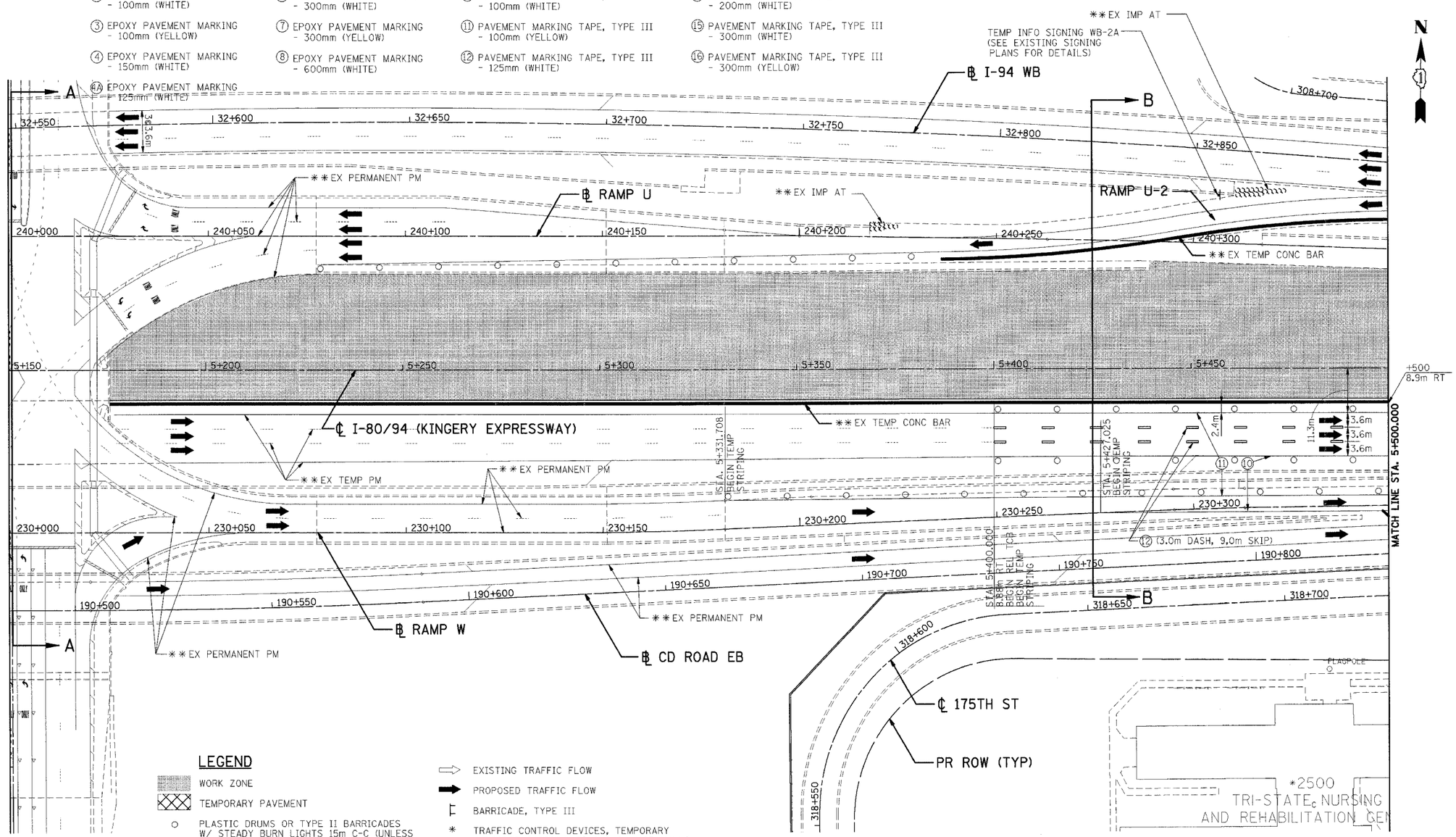
..\VRT0002A.DGN ..\VRT0002A.DGN ..\VRT0022A.DGN ..\AB99002A.DGN ..\VRT0022A.DGN ..\VRT0002A.DGN ..\VRT0002A.DGN ..\VRT0002A.DGN
9-14-2005, 8:27:47 I:\DOCUMENT\193750\CIVIL\DGN\MT170720A.DGN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	162
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE II
STA. 5+150 TO STA. 5+500

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

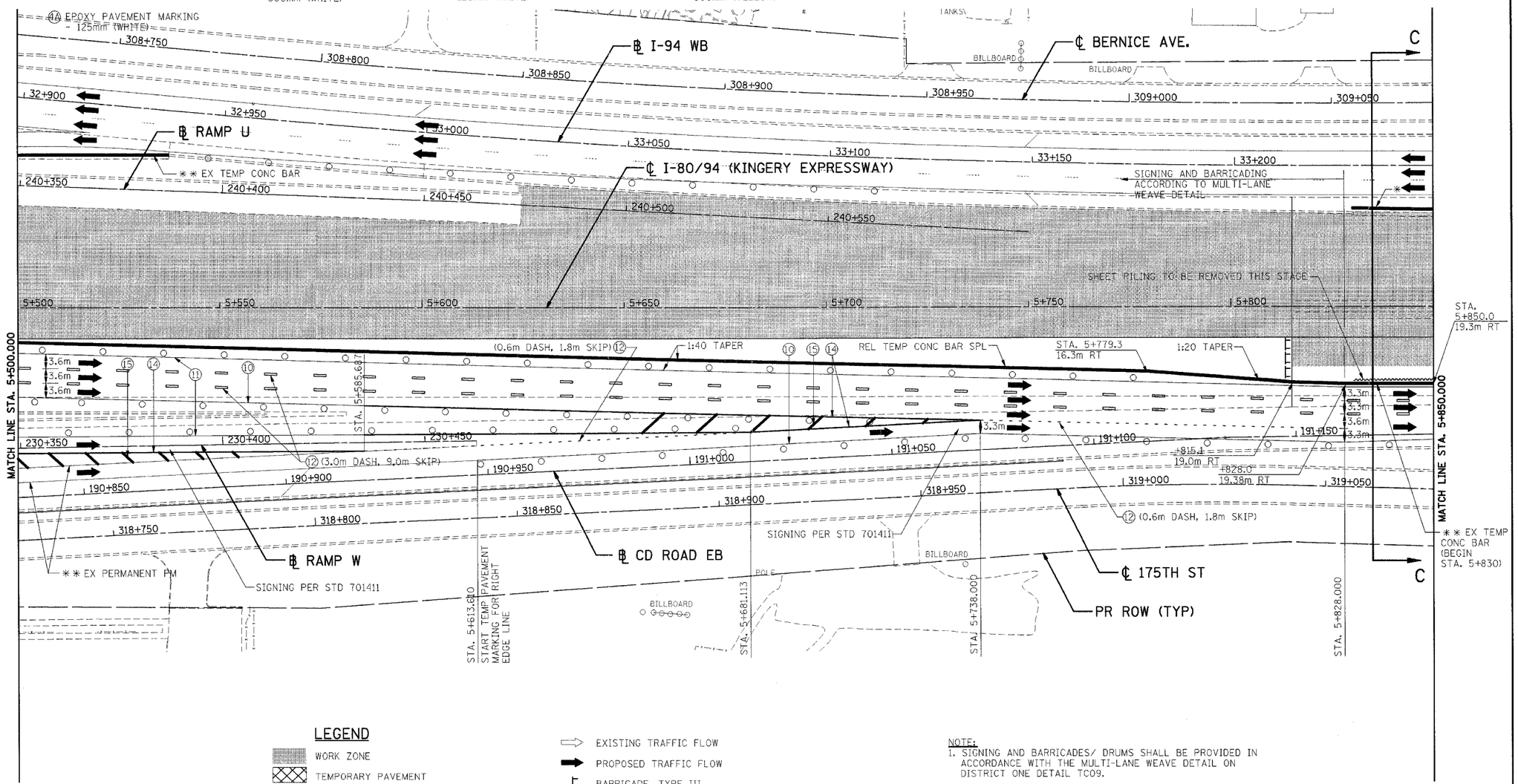
..\HRI70022A.DGN,..\PRI70002A.DGN,..\RRI70002A.DGN,..\TRI70002A.DGN,..\AB99002A.DGN,..\MT17742A.DGN,..\TRI70002A.DGN,..\TRI70002A.DGN,..\TRI70022A.DGN
9-13-2005, 18:22:26 T:\DOCUMENT\93750\CIVIL\DGN\MT17732A.DGN HANSENGD
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 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.
80/94	*	COOK	631	163
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE:
1. SIGNING AND BARRICADES/ DRUMS SHALL BE PROVIDED IN ACCORDANCE WITH THE MULTI-LANE WEAVE DETAIL ON DISTRICT ONE DETAIL TC09.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE II
STA. 5+500 TO STA. 5+850

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

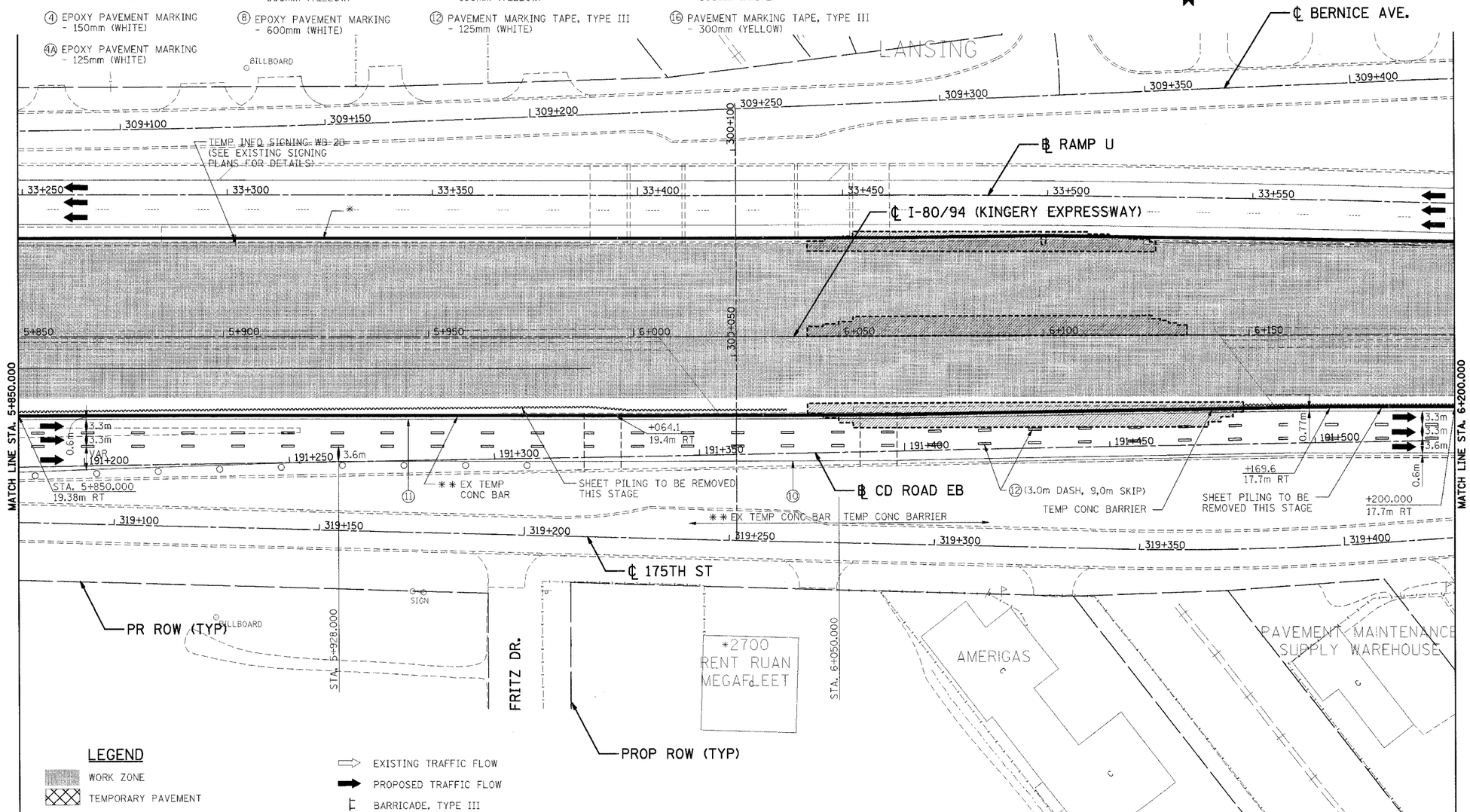
..\HR70022A.DGN, ..\PR70012A.DGN, ..\RR70012A.DGN, ..\TR70012A.DGN, ..\AB990012A.DGN, ..\TR1P522A.DGN, ..\MT77152A.DGN, ..\TR70012A.DGN, ..\TR70022A.DGN, ..\TR70022A.DGN
9-13-2005,18:22:30 T:\DOCUMENT\93150\CIVIL\DGN\MT77142A.DGN HANSEND
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 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.
80/94	*	COOK	631	164
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE II
STA. 5+850 TO STA. 6+200

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

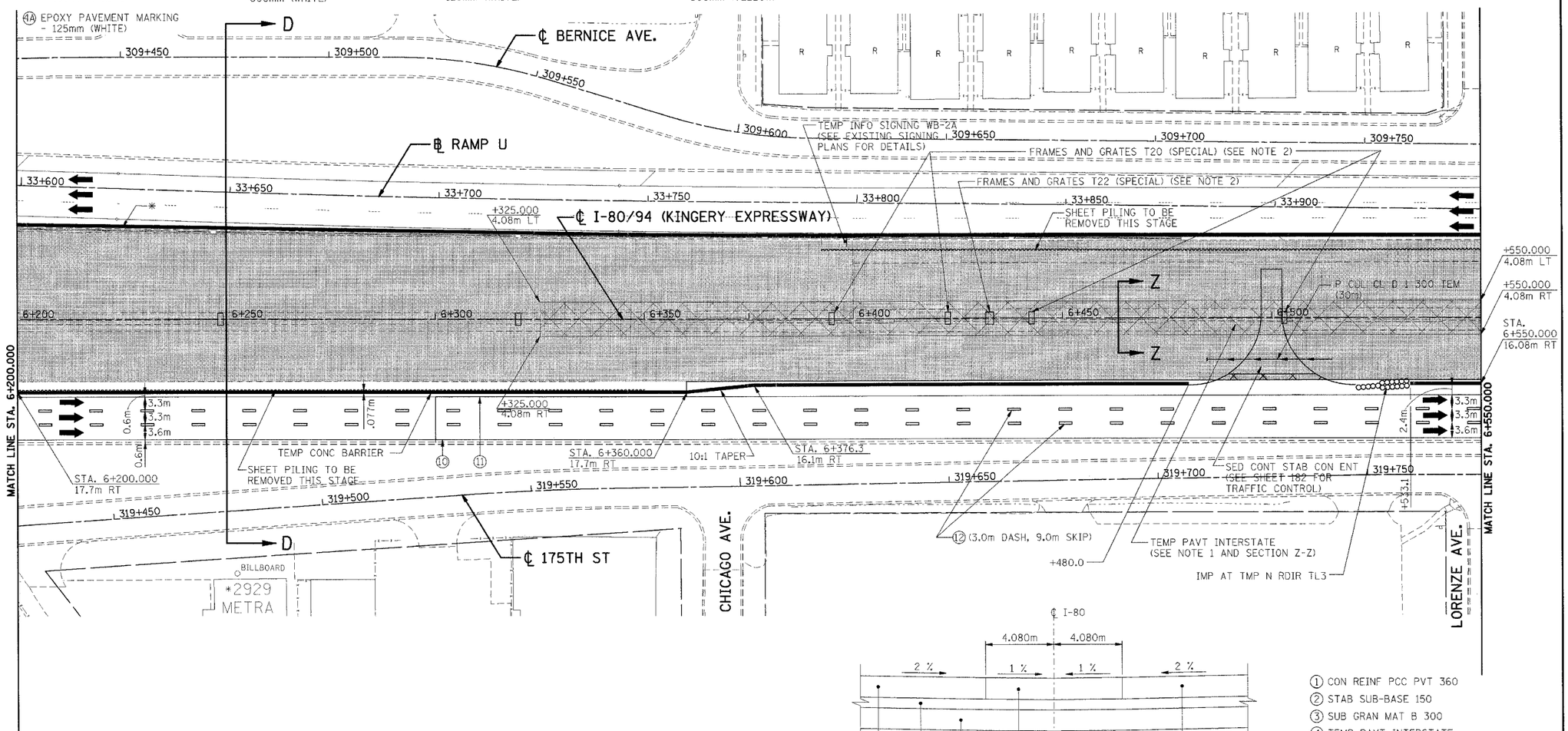
..\HR170022A.DGN,..\PR170012A.DGN,..\RR170012A.DGN,..\TR170012A.DGN,..\AB990012A.DGN,..\TR179322A.DGN,..\MT177062A.DGN,..\TR170012A.DGN,..\TR170012A.DGN,..\TR177022A.DGN
9-13-2005,18:22:33 T:\DOCUMENT\93750\CIVIL\DGN\MT177052A.DGN HANSENJD
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 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

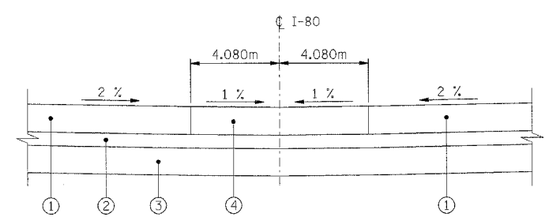
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	165
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)





SECTION Z-Z
TEMPORARY PAVEMENT INTERSTATE

1. CON REINF PCC PVT 360
2. STAB SUB-BASE 150
3. SUB GRAN MAT B 300
4. TEMP PAVT INTERSTATE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTES:

1. TEMP PAVT INTERSTATE TO BE CONSTRUCTED IN THIS STAGE.
2. TWO PROPOSED FRAMES AND GRATES (SPECIAL) OF THE TYPE SPECIFIED SHALL BE PROVIDED AND INSTALLED ON EACH STRUCTURE (SEE DRAINAGE PLANS SHEETS 204 AND 210 FOR LOCATION AND TYPE OF STRUCTURE) TO THE GRADE OF THE TEMPORARY PAVEMENT (INTERSTATE) AND WELDED OR BOLTED SHUT. FRAMES AND GRATES (SPECIAL) OF THE TYPE SPECIFIED SHALL INCLUDE THE COST OF THE FOLLOWING:
   - FURNISHING AND INSTALLATION OF ADJUSTING RINGS AND LEVELING MORTAR BEDS AS NECESSARY;
   - WELDING OR BOLTING THE GRATES TO THE FRAMES;
   - REMOVING AND DISPOSING OF THE FRAMES AND GRATES AND ANY ADJUSTING RINGS WHEN NO LONGER REQUIRED.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE II
STA. 6+200 TO STA. 6+550

SCALE: 1:500 DRAWN BY: JP
DATE: 9/13/05 CHECKED BY: JP

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

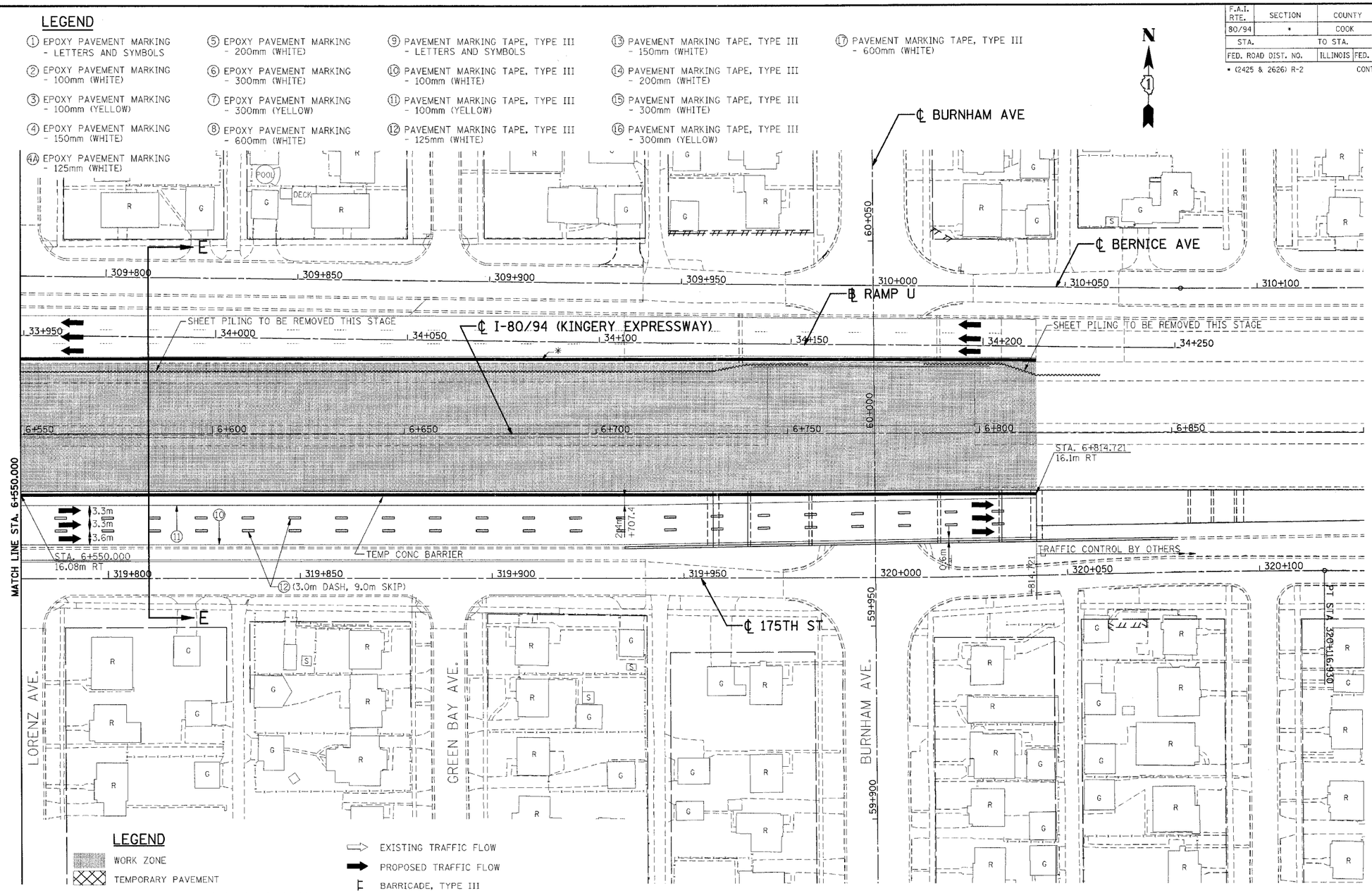
..\TR80002A.DGN, ..\TR80002A.DGN, ..\TR77022A.DGN, ..\AB99090A.DGN, ..\HR70022A.DGN, ..\PR70002A.DGN, ..\HR77002A.DGN, ..\TR70002A.DGN, ..\MT77002A.DGN, ..\TR70032A.DGN
9-13-2005,18:22:37 T:\DOCUMENT\93150\CIVIL\DGN\MT77062A.DGN HANSENDD
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 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.
80/94	*	COOK	631	166
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE II
STA. 6+550 TO STA. 6+814.721

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

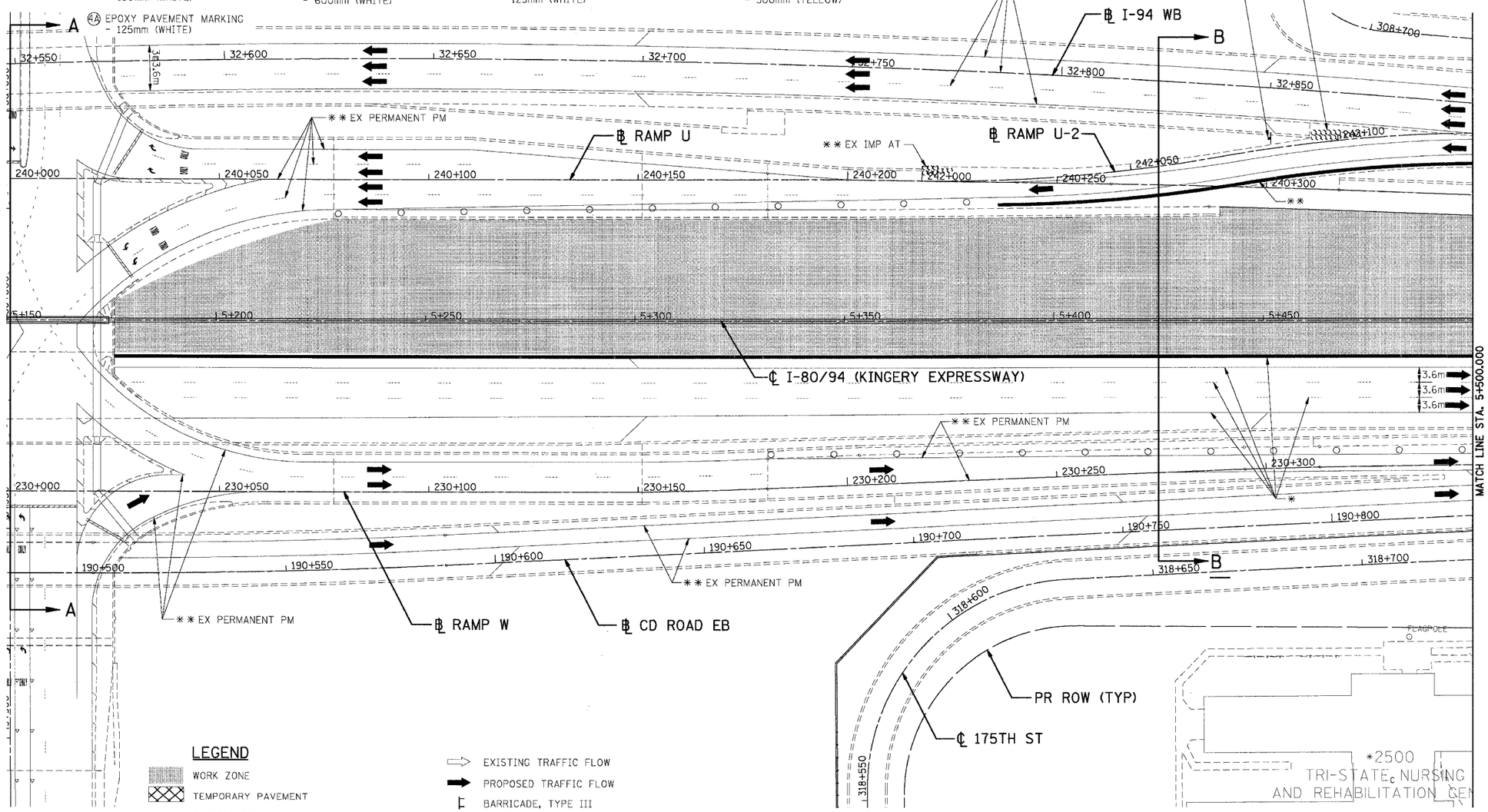
..\TR170012A.DGN..\TR170012A.DGN..\TR170022A.DGN..\TR170232A.DGN..\TR170232A.DGN..\AB930012A.DGN..\MR170022A.DGN..\PR170012A.DGN..\MT170022A.DGN..\MT170232A.DGN..\TR170012A.DGN..\TR170012A.DGN
9-13-2005 18:22:43 T:\DOCUMENT\93750\CIVIL\DGN\MT170232A.DGN HANSENDO
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 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.
80/94	*	COOK	631	167
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE III
STA. 5+150 TO STA. 5+500

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

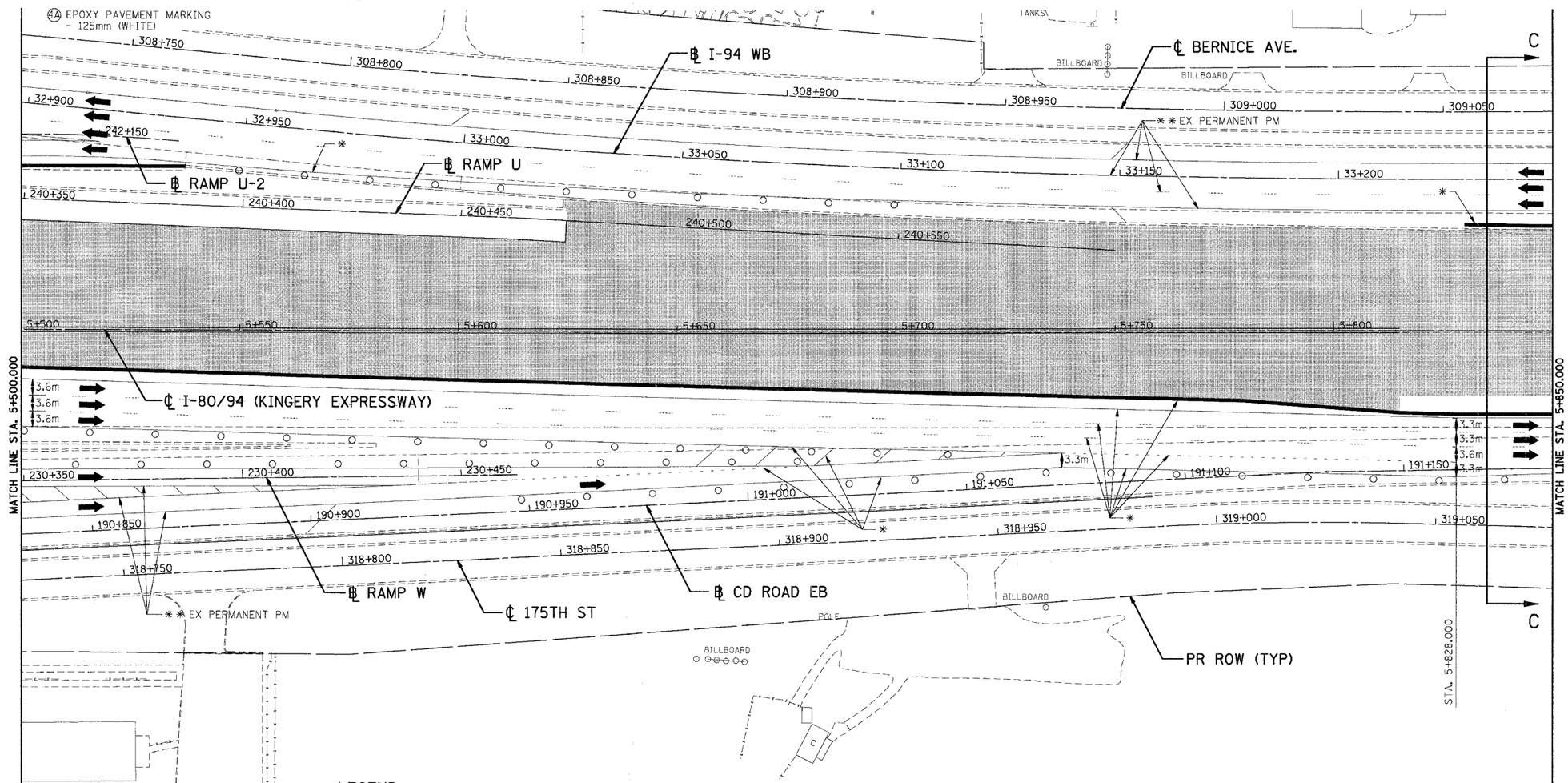
..\VR17002A.DGN, ..\VR17002A.DGN, ..\VR17002A.DGN, ..\VR17002A.DGN, ..\VR17332A.DGN, ..\VPBA5002A.DGN, ..\AR99002A.DGN, ..\TR17002A.DGN, ..\TR17002A.DGN, ..\TR17032A.DGN, ..\VR17032A.DGN
8-18-2005, 10:22:29 BA/ZEKKJ
T:\DOCUMENT\93750\DGN\DGN\MT17232A.DGN KKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	168
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE III
STA. 5+500 TO STA. 5+850

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

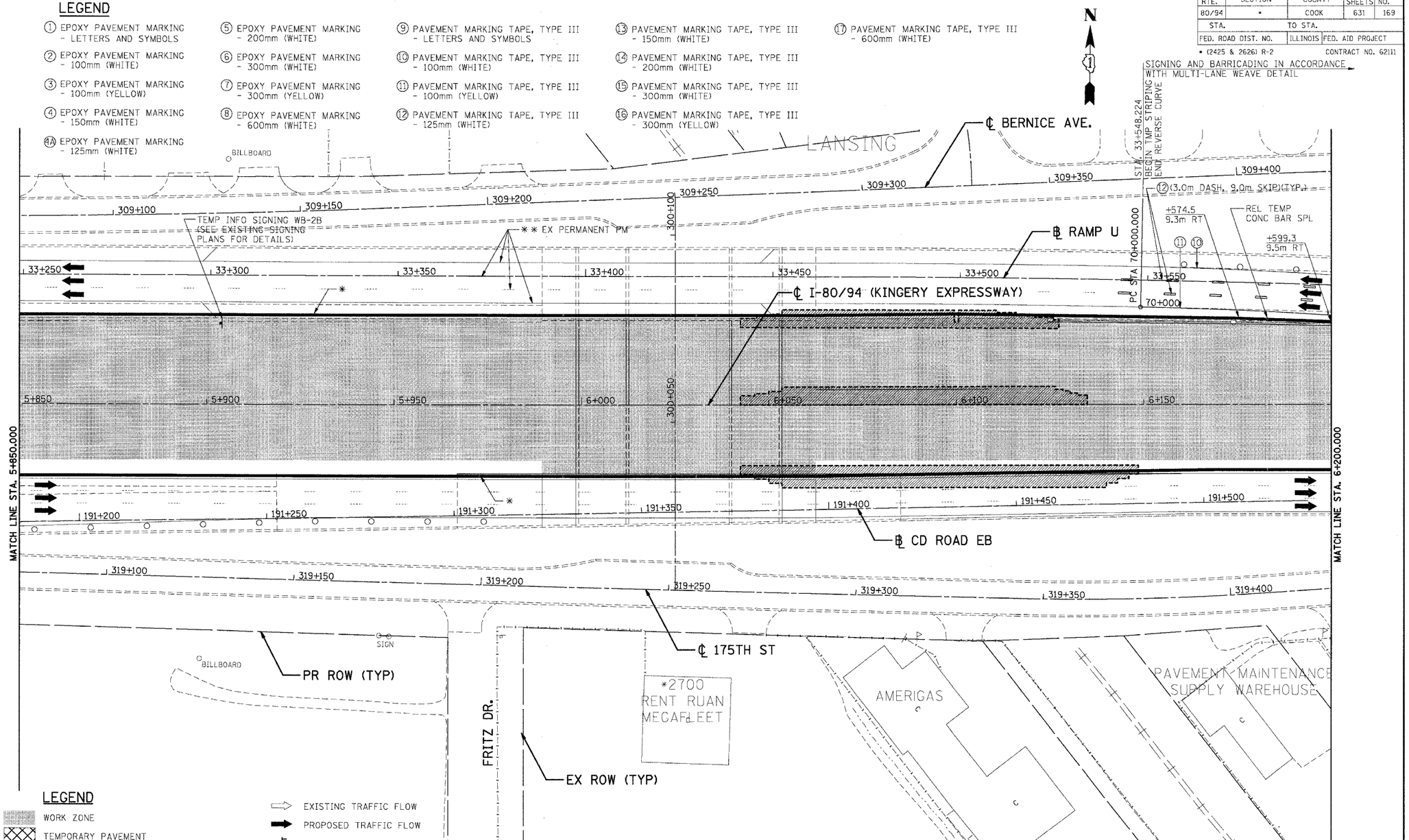
..\NR17002A.DGN, ..\PR17002A.DGN, ..\NR17002A.DGN, ..\TR17002A.DGN, ..\TR17032A.DGN, ..\PSIABOX2A.DGN, ..\TR17002A.DGN, ..\TR17002A.DGN, ..\TR17002A.DGN, ..\TR17042A.DGN, ..\AB9900I2A.DGN, ..\TR17022A.DGN
8-8-2005, lbd2.51 T:\DOCUMENTS\350\CIVIL\DGN\MT17242A.DGN BAJZEKJ
1 2 3 4 5 6 7 8 9 10 11 12 13 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.
80/94	*	COOK	631	169
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE III
STA. 5+850 TO STA. 6+200

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

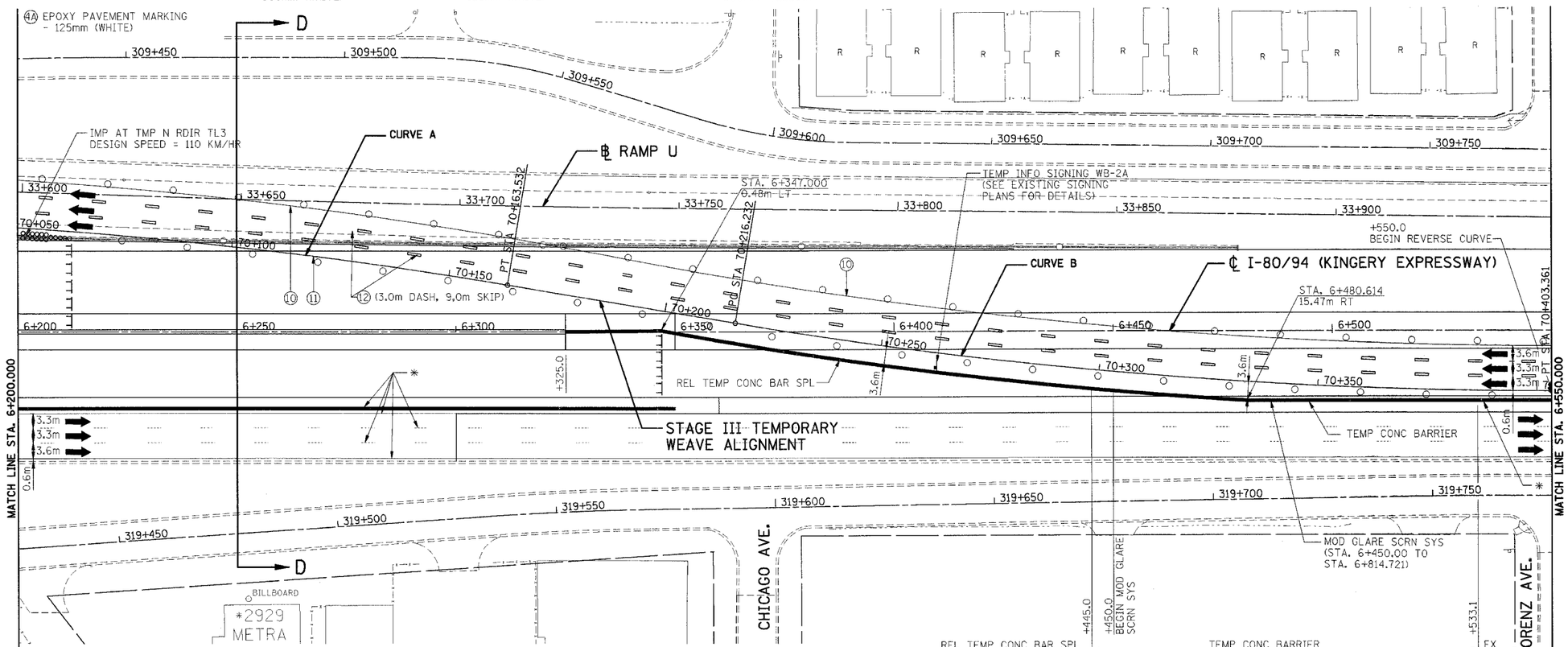
..\TRI70022A.DGN,..\PR70002A.DGN,..\TR70012A.DGN,..\TR70022A.DGN,..\AB99001ZA.DGN,..\PBABOXZA.DGN,..\AB99001ZA.DGN,..\TRI70012A.DGN,..\TRI70022A.DGN,..\TRI70032A.DGN
8-18-2005,10:12:32 BAJZEKJ
T:\DOCUMENT\93750\CIVIL\DGN\MT17252A.DGN
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 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.
80/94	*	COOK	631	170
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



STAGE III TEMPORARY WEAVE ALIGNMENT

CURVE A	CURVE B
PI STA = 70+081.912	PI STA = 70+310.014
N = 545532.266	N = 545496.857
E = 365667.086	E = 365892.719
Δ = 8° 21′ 57″ (RT)	Δ = 9° 34′ 23″ (LT)
R = 1,120.000 m	R = 1,120.000 m
T = 81.912 m	T = 93.783 m
L = 163.532 m	L = 187.129 m
E = 2.991 m	E = 3.920 m

	NORTHING	EASTING	STATION	OFFSET
PC CURVE A	545533.056	365585.179	70+000.000	0.000m
PI CURVE A	545532.266	365667.086	70+081.912	2.991m
PT CURVE A	545519.567	365748.007	70+163.532	0.000m
PC CURVE B	545511.397	365800.070	70+216.232	0.000m
PI CURVE B	545496.857	365892.719	70+310..014	3.920m
PT CURVE B	545497.928	365986.496	70+403.361	0.000m

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE:
1. SIGNING AND BARRICADES/ DRUMS SHALL BE PROVIDED IN ACCORDANCE WITH THE MULTI-LANE WEAVE DETAIL ON DISTRICT ONE DETAIL TC09 FOR WB TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE III
STA. 6+200 TO STA. 6+550

SCALE: 1:500 DRAWN BY: OP
DATE: 9/13/05 CHECKED BY: JP

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

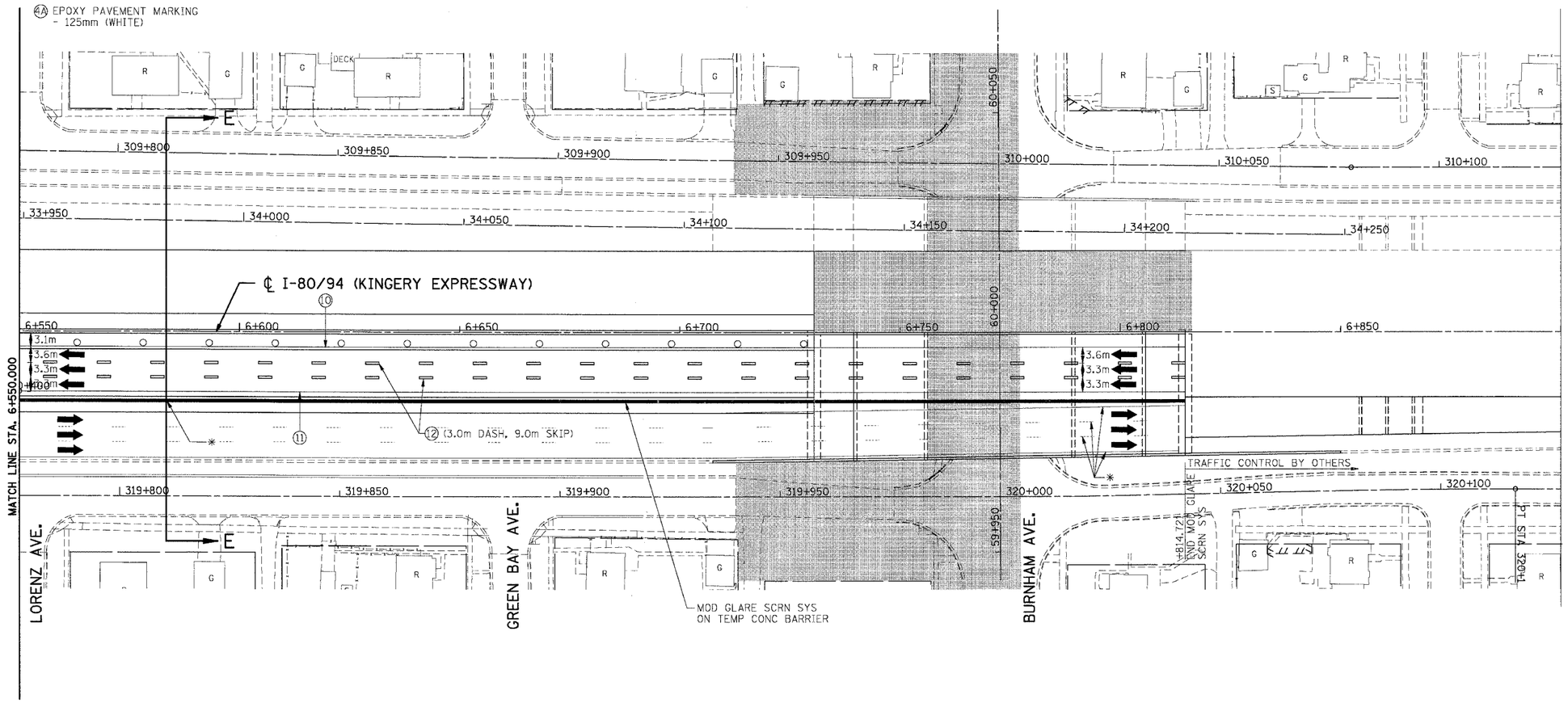
..\TBR70012A.DGN,..\TBR70002A.DGN,..\TBR70032A.DGN,..\TBR70332A.DGN,..\TBR70332A.DGN,..\TBR99002A.DGN,..\TBR70022A.DGN,..\PBR70012A.DGN,..\TBR70012A.DGN,..\TBR70002A.DGN,..\TBR70002A.DGN
9-13-2005, 18:22:47 T:\DOCUMENT\93750\CIVIL\DGN\MT177262A.DGN HANSENOD
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 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.
80/94	*	COOK	631	171
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE III
STA. 6+550 TO STA. 6+814.721

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

TENG

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

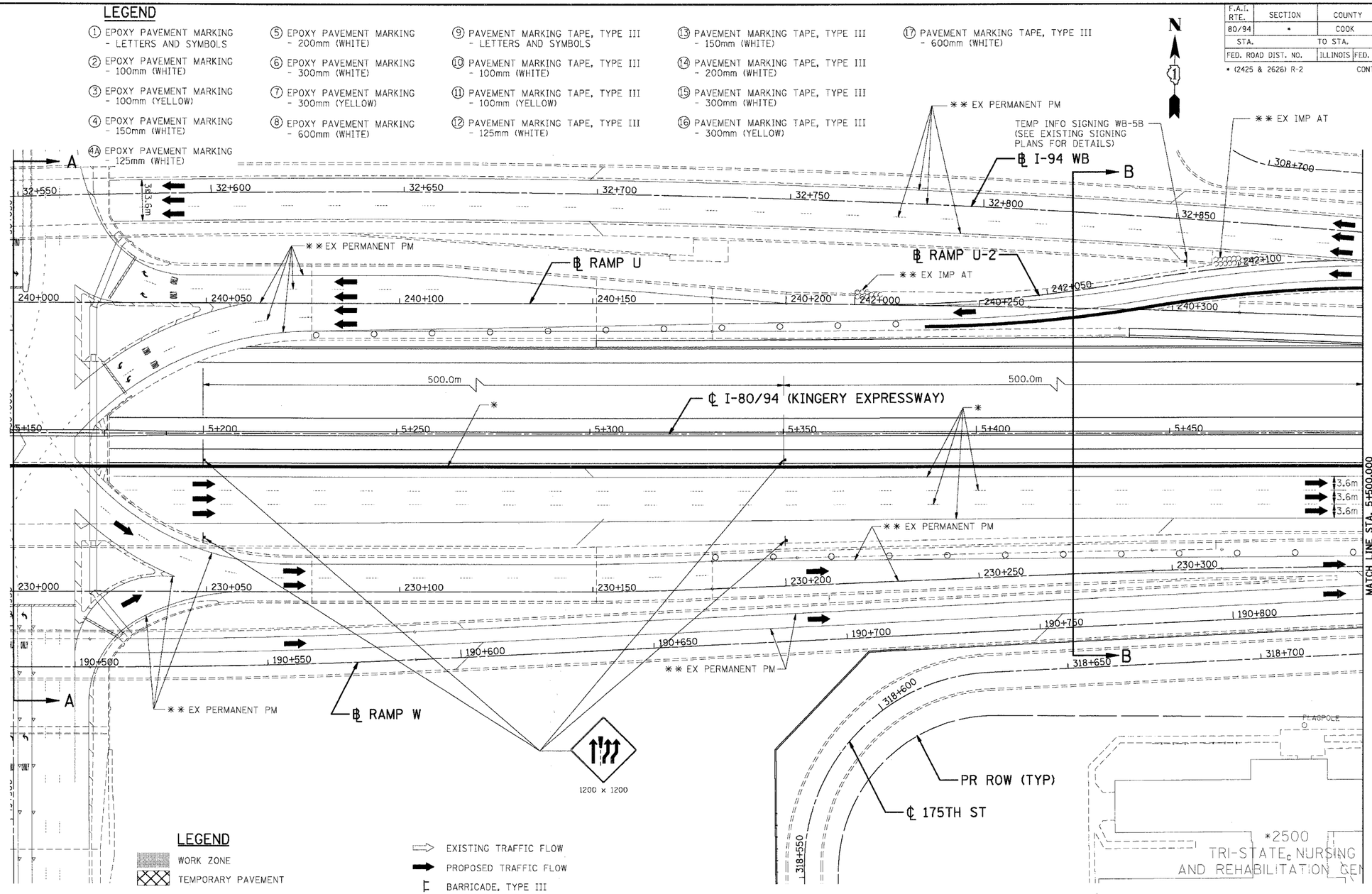
..\RRITG012A.DGN,..\RRITG012A.DGN,..\TRIT7032A.DGN,..\TRIT7332A.DGN,..\AB9990I2A.DGN,..\HRITG022A.DGN,..\PRITG022A.DGN,..\MT1T7262A.DGN,..\TRITG012A.DGN,..\TRIT7012A.DGN,..\TRIT7022A.DGN
8-16-2005, 10:42:37 I:\DOCUMENT\B3T50\CIVIL\DGN\MT1T7272A.DGN BAJZEKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	172
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE IV
STA. 5+150 TO STA. 5+500

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

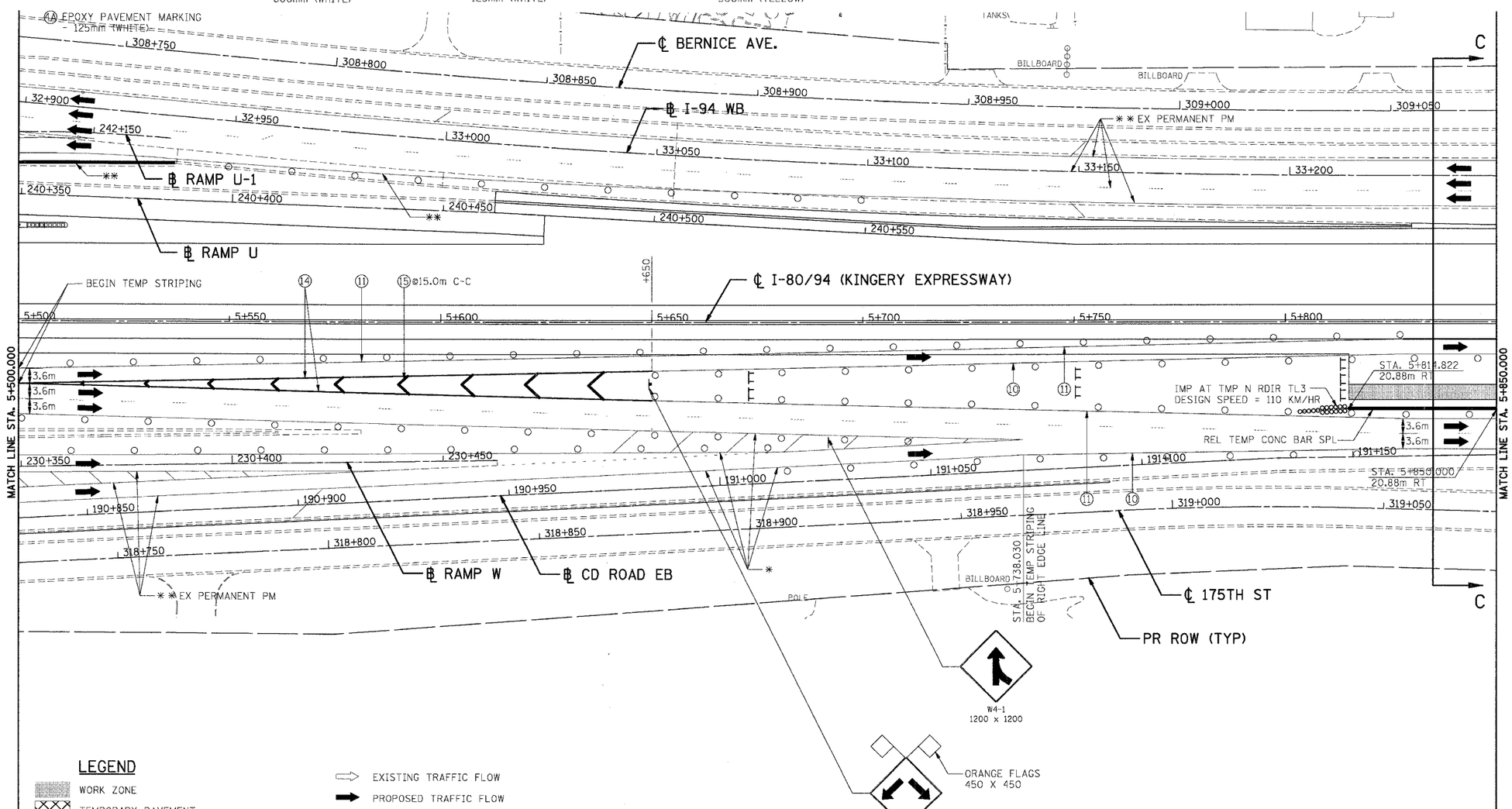
..\NB170022A.DGN, ..\PR170012A.DGN, ..\SR170092A.DGN, ..\TR170092A.DGN, ..\TR170012A.DGN, ..\TR173342A.DGN, ..\PBIAB0K2A.DGN, ..\AB990012A.DGN, ..\TR170012A.DGN, ..\TR170012A.DGN, ..\TR173342A.DGN, ..\TR177012A.DGN
8-18-2005,10:42:38 T:\DOCUMENT\193750\CDVL\DGN\WT17332A.DGN BALZEKKJ
1 2 3 4 5 6 7 8 9 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.
80/94	*	COOK	631	173
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE IV
STA. 5+500 TO STA. 5+850

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

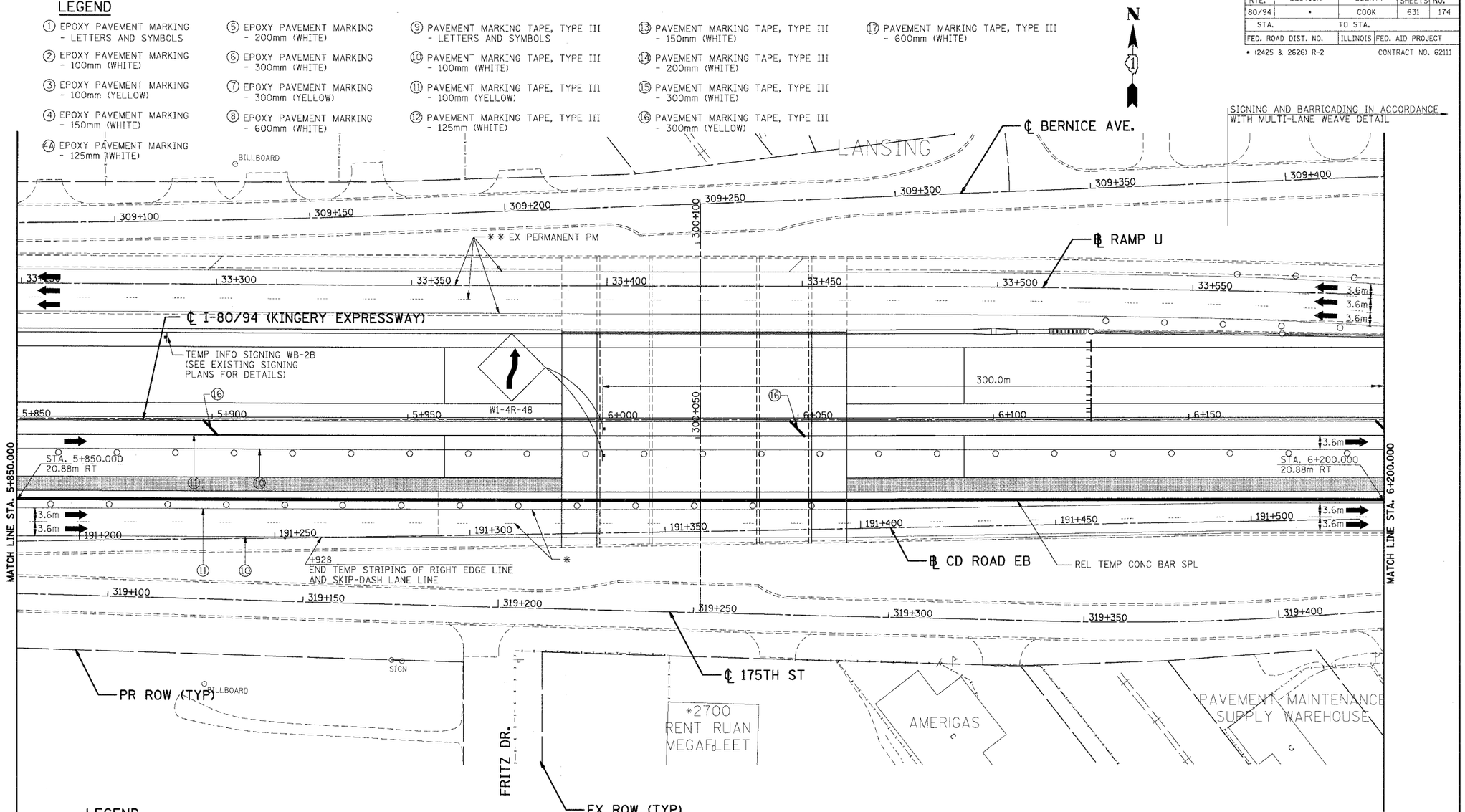
..\NR17002A.DGN,..\PR17002A.DGN,..\NR17002A.DGN,..\TR17002A.DGN,..\TR17P342A.DGN,..\PBAB0X2A.DGN,..\HR17T02A.DGN,..\TR17C02A.DGN,..\TR17C02A.DGN,..\TR17C02A.DGN,..\NR17002A.DGN,..\MI17T352A.DGN,..\AB99002A.DGN
8-18-2005,10:23:39 T:\DOCUMENT\93175D\CIVIL\DGN\MI17T342A.DGN BAJZEKKJ
1 2 3 4 5 6 7 8 9 10 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.
80/94	*	COOK	631	174
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE IV
STA. 5+850 TO STA. 6+200

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

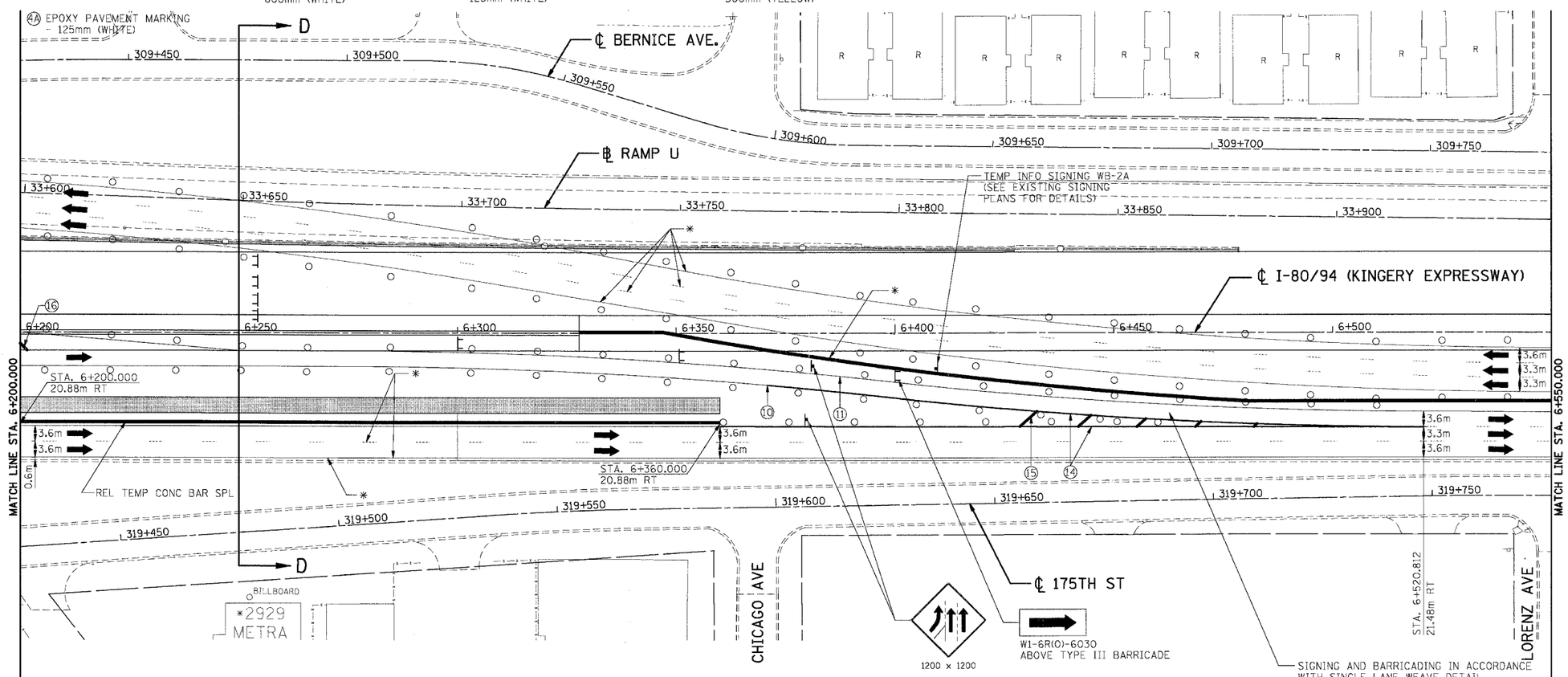
..\TR170022A.DGN, ..\PR170022A.DGN, ..\TR170022A.DGN, ..\TR170012A.DGN, ..\B99900I2A.DGN, ..\PB1AB0X2A.DGN, ..\B99300I2A.DGN, ..\TR170002A.DGN, ..\TR170012A.DGN, ..\TR170022A.DGN
8-18-2005, 10:12:39 T:\DOCUMENT\93750\CIVIL\DGN\MT17352A.DGN BAJZEKKJ
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 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 57 58 59 60 61 62 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	175
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTE:
1. SIGNING AND BARRICADES/ DRUMS SHALL BE PROVIDED IN ACCORDANCE WITH THE MULTI-LANE WEAVE DETAIL ON DISTRICT ONE DETAIL TC09 FOR WB TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE IV
STA. 6+200 TO STA. 6+550

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

..\NR0T002A.DGN,..\TR0T002A.DGN,..\TR0T042A.DGN,..\TR0T342A.DGN,..\AB99S002A.DGN,..\NR0T0022A.DGN,..\PR0T0012A.DGN,..\NR0T002A.DGN,..\TR0T002A.DGN
8-19-2005,13:08:07 T:\DOCUMENT\93\750\CIVIL\DGN\MT017362A.DGN BAJZEKKJ
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

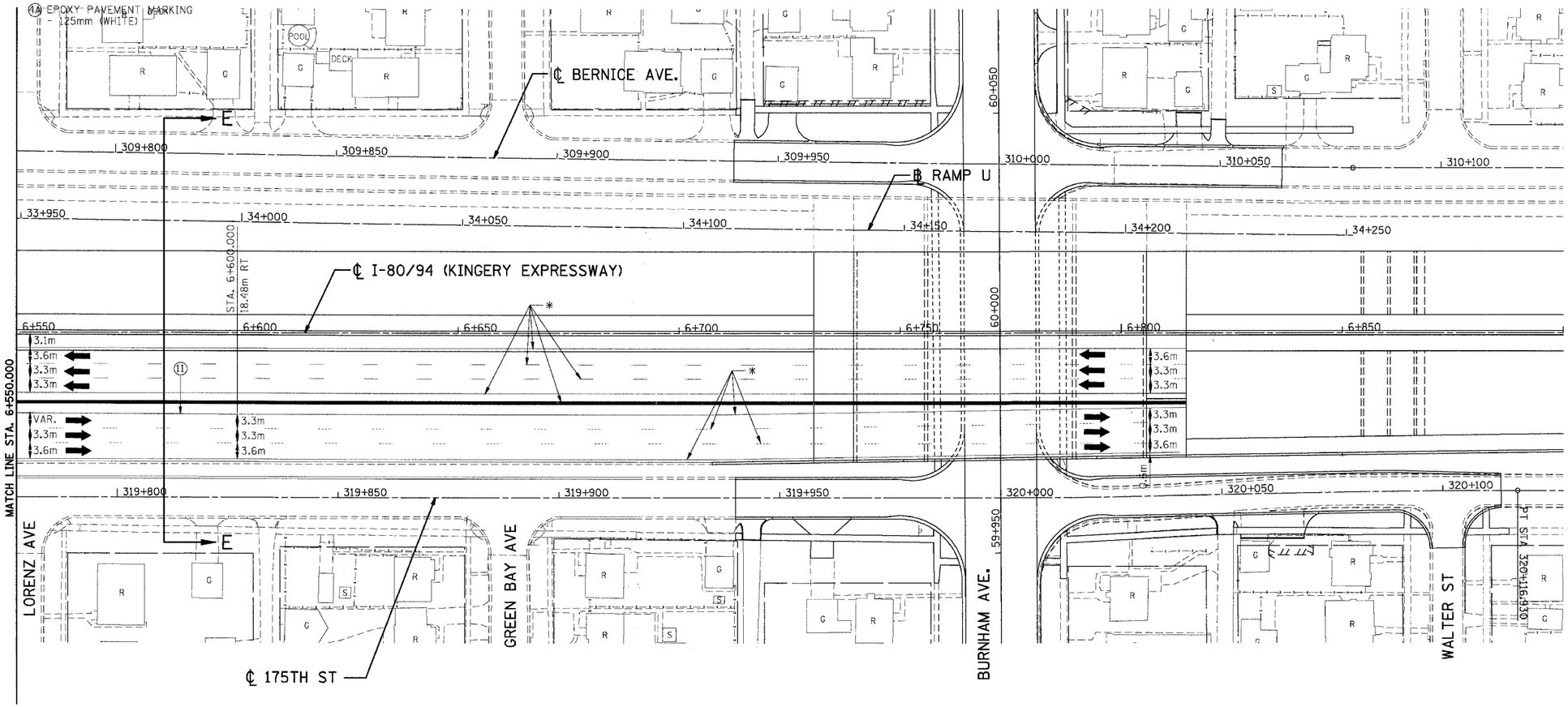
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	176
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS
10. PAVEMENT MARKING TAPE, TYPE III - 100mm (WHITE)
11. PAVEMENT MARKING TAPE, TYPE III - 100mm (YELLOW)
12. PAVEMENT MARKING TAPE, TYPE III - 125mm (WHITE)
13. PAVEMENT MARKING TAPE, TYPE III - 150mm (WHITE)
14. PAVEMENT MARKING TAPE, TYPE III - 200mm (WHITE)
15. PAVEMENT MARKING TAPE, TYPE III - 300mm (WHITE)
16. PAVEMENT MARKING TAPE, TYPE III - 300mm (YELLOW)
17. PAVEMENT MARKING TAPE, TYPE III - 600mm (WHITE)

14A. EPOXY PAVEMENT MARKING - 125mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
FAI 80/94 - PHASE III, STAGE IV
STA. 6+550 TO STA. 6+814.721

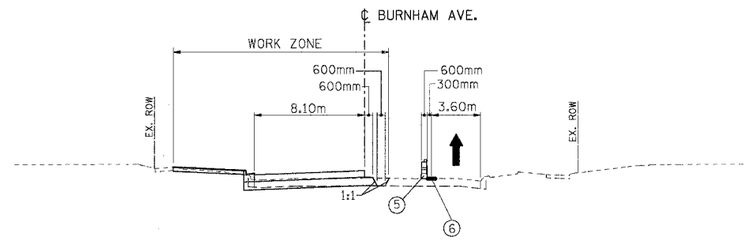
SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

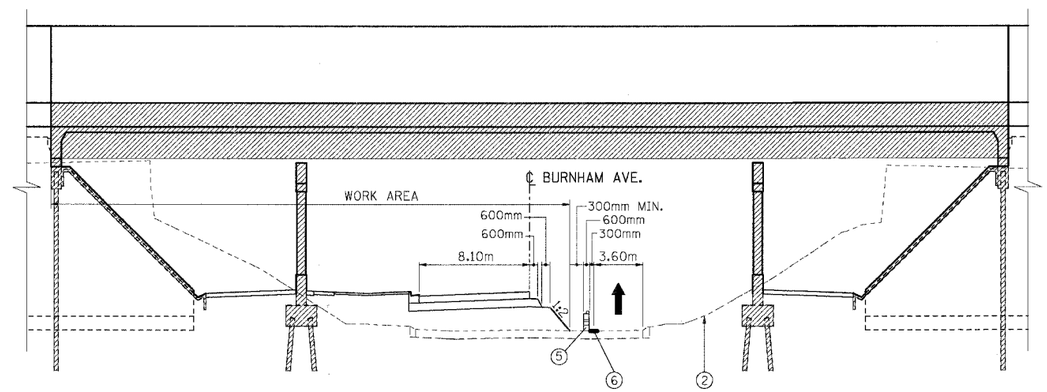
..\RR17002A.DGN, ..\X97G002A.DGN, ..\TR77042A.DGN, ..\A99G002A.DGN, ..\HR76022A.DGN, ..\PR17002A.DGN, ..\R17222A.DGN, ..\TR17002A.DGN, ..\TR17002A.DGN
8-19-2005, 15:08:13 F:\DOCUMENT\93F150\CIVIL\DGN\W1173172A.DGN BAJZEKKJ
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 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.
80/94	*	COOK	631	177
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION (STAGE I)
STA 59+814.300 TO STA 59+971.200
AND
STA 60+030.745 TO STA 60+161.000



TYPICAL SECTION (STAGE I)
STA 59+971.200 TO STA 60+030.745

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC BURNHAM AVE TYPICAL SECTIONS STAGE 1

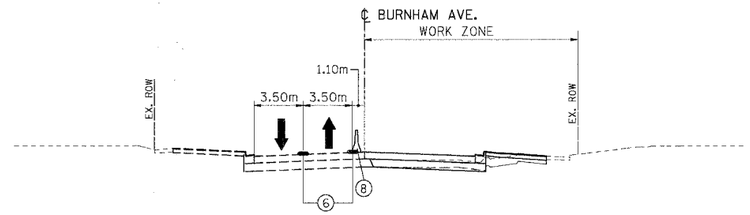
SCALE: NONE
DATE: 8/22/05
DRAWN BY: MK
CHECKED BY: DH

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

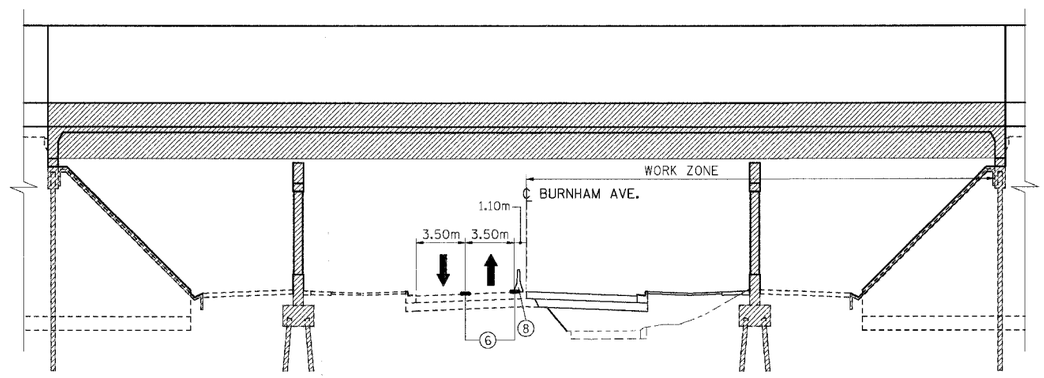
BAJZEKJ
..\AB99C02AJDGN..\XX99PS2AJDGN..\XW170052AJDGN..\TP170012AJDGN
8-18-2005,08:48 T:\DOCUMENT\93750\CIVIL\DGN\MT178502AJDGN
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	178
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL SECTION (STAGE II)
STA 59+814.300 TO STA 59+971.200
AND
STA 60+030.745 TO STA 60+161.000



TYPICAL SECTION (STAGE II)
STA 59+971.200 TO STA 60+030.745

LEGEND

1. EXISTING* PAVEMENT MARKING
2. EXISTING GROUND LINE
3. EXISTING CONCRETE BARRIER
4. EXISTING* TEMPORARY CONCRETE BARRIER
5. DRUM OR TYPE II BARRICADES WITH STEADY BURN LIGHTS
6. TEMPORARY PAVEMENT MARKINGS (SEE PLANS FOR DETAILS AND PAY ITEM)
7. TEMPORARY PAVEMENT (INTERSTATE)
8. TEMPORARY CONCRETE BARRIER (SEE PLANS FOR PAY ITEM)
9. PROPOSED SUBGRADE

TRAFFIC FLOW ARROW

* EXISTING FROM A PREVIOUS STAGE OR CONTARACT
VAR. - INDICATES THAT THIS DIMENSION VARIES IN THE VICINITY OF THE INDICATED TYPICAL SECTION

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC
BURNHAM AVE TYPICAL SECTIONS
STAGE 2

SCALE: NONE
DATE: 8/22/05
DRAWN BY: MK
CHECKED BY: DH

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

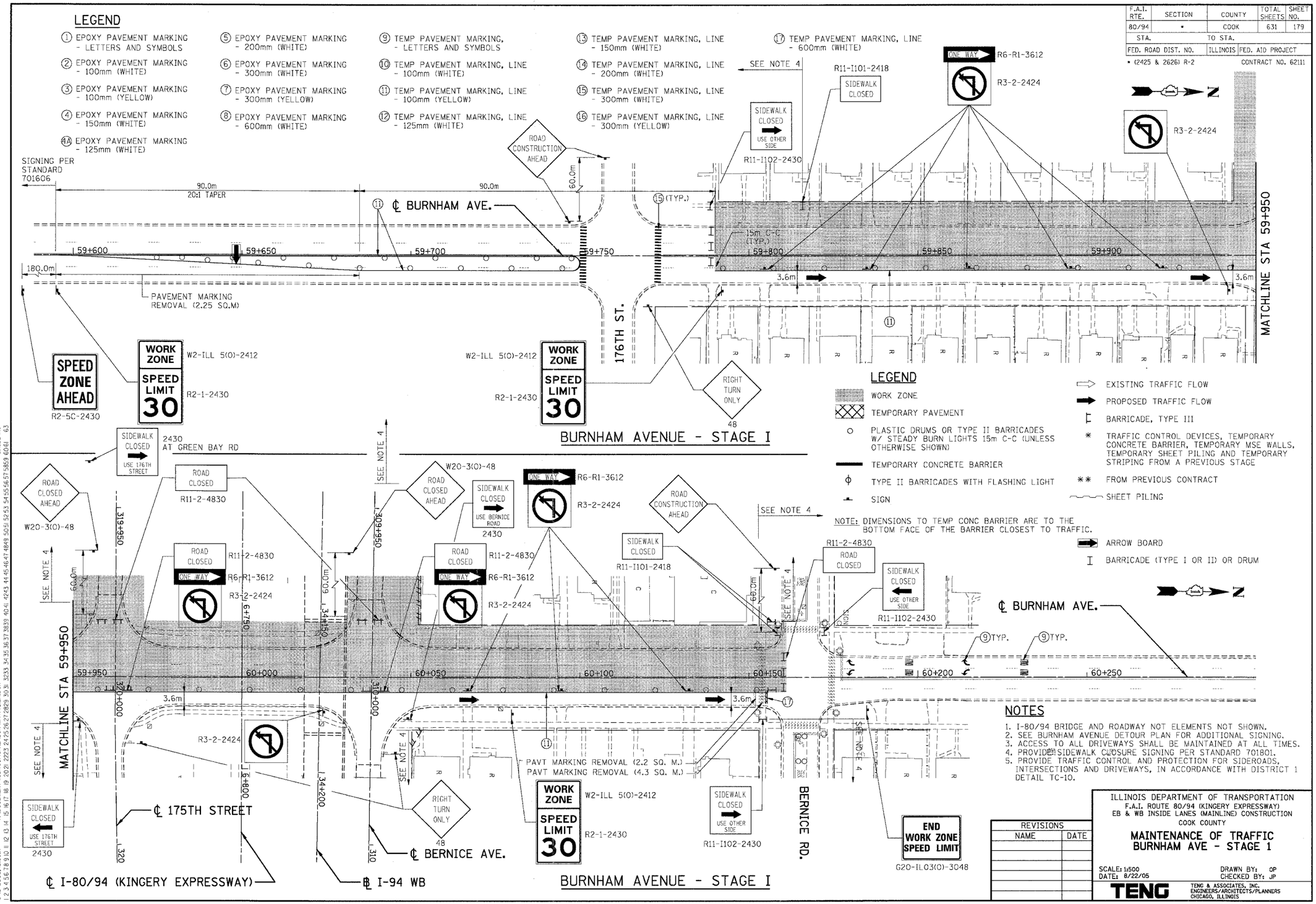
..\AB99002A.DGN,..\XWT0052A.DGN,..\TR17002A.DGN
8-18-2005, 10:12:49 F:\DOCUMENT\93175\CIVIL\DGN\MT178512A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	179
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. TEMP PAVEMENT MARKING, - LETTERS AND SYMBOLS
10. TEMP PAVEMENT MARKING, LINE - 100mm (WHITE)
11. TEMP PAVEMENT MARKING, LINE - 100mm (YELLOW)
12. TEMP PAVEMENT MARKING, LINE - 125mm (WHITE)
13. TEMP PAVEMENT MARKING, LINE - 150mm (WHITE)
14. TEMP PAVEMENT MARKING, LINE - 200mm (WHITE)
15. TEMP PAVEMENT MARKING, LINE - 300mm (WHITE)
16. TEMP PAVEMENT MARKING, LINE - 300mm (YELLOW)
17. TEMP PAVEMENT MARKING, LINE - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORARY CONCRETE BARRIER, TEMPORARY MSE WALLS, TEMPORARY SHEET PILING AND TEMPORARY STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

- ARROW BOARD
- BARRICADE (TYPE I OR II) OR DRUM

NOTES

1. I-80/94 BRIDGE AND ROADWAY NOT ELEMENTS NOT SHOWN.
2. SEE BURNHAM AVENUE DETOUR PLAN FOR ADDITIONAL SIGNING.
3. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
4. PROVIDE SIDEWALK CLOSURE SIGNING PER STANDARD 701801.
5. PROVIDE TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS, IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-10.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC BURNHAM AVE - STAGE 1

SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

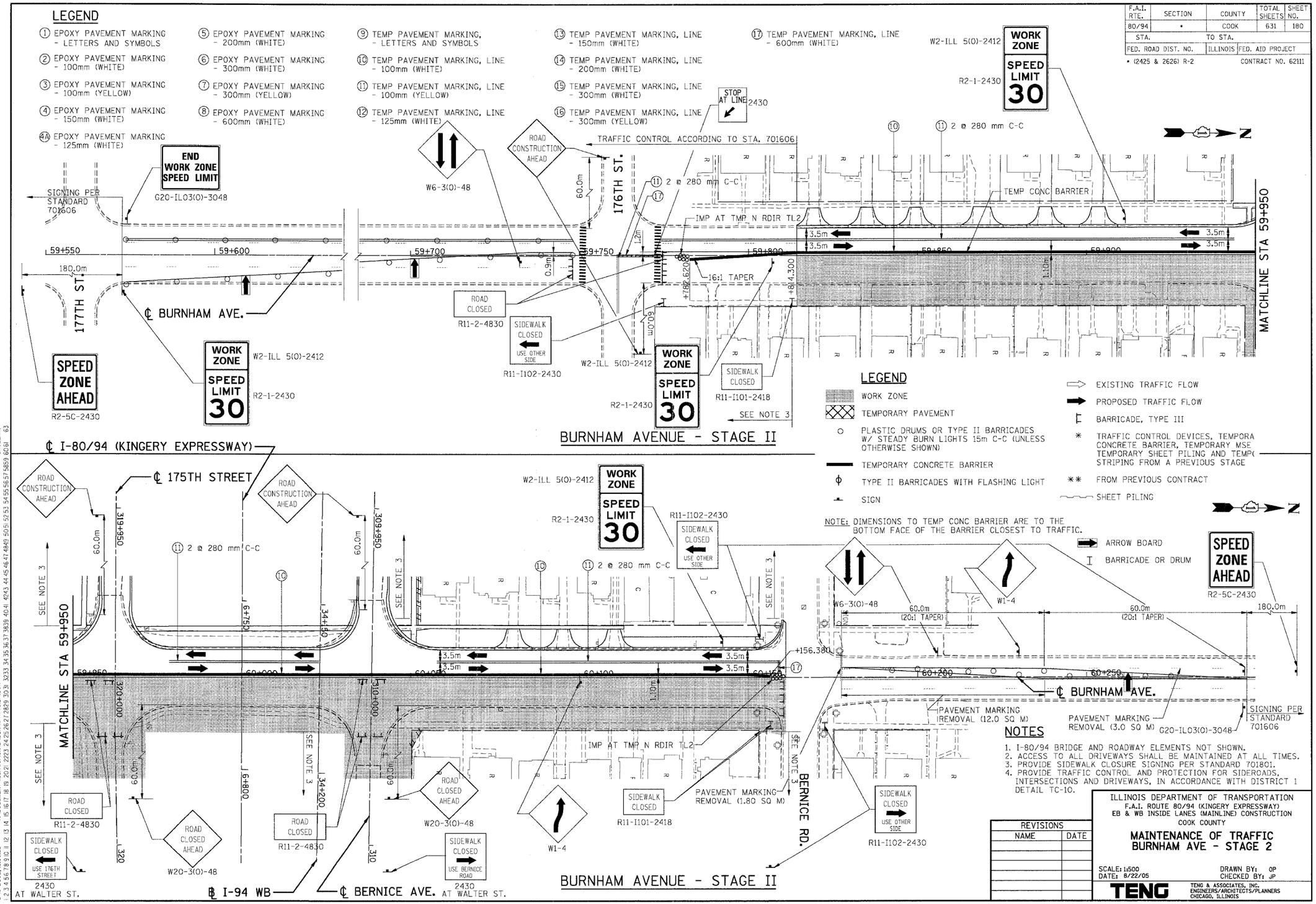
..\VRIT0022A.DGN, ..\TRIT712A.DGN, ..\VRIT0012A.DGN, ..\VRIT0012A.DGN, ..\VRIT0012A.DGN, ..\PB99G002A.DGN, ..\PRIT0012A.DGN, ..\PRIT0012A.DGN, ..\A89900I2A.DGN, ..\VMIT762A.DGN
TxDOCUMENT\95750\CIVIL\DGN\MIT712S2A.DGN BAJZEKKJ
8-19-2005, 15:08:17
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 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.
80/94	*	COOK	631	180
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

LEGEND

1. EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS
2. EPOXY PAVEMENT MARKING - 100mm (WHITE)
3. EPOXY PAVEMENT MARKING - 100mm (YELLOW)
4. EPOXY PAVEMENT MARKING - 150mm (WHITE)
4A. EPOXY PAVEMENT MARKING - 125mm (WHITE)
5. EPOXY PAVEMENT MARKING - 200mm (WHITE)
6. EPOXY PAVEMENT MARKING - 300mm (WHITE)
7. EPOXY PAVEMENT MARKING - 300mm (YELLOW)
8. EPOXY PAVEMENT MARKING - 600mm (WHITE)
9. TEMP PAVEMENT MARKING, - LETTERS AND SYMBOLS
10. TEMP PAVEMENT MARKING, LINE - 100mm (WHITE)
11. TEMP PAVEMENT MARKING, LINE - 100mm (YELLOW)
12. TEMP PAVEMENT MARKING, LINE - 125mm (WHITE)
13. TEMP PAVEMENT MARKING, LINE - 150mm (WHITE)
14. TEMP PAVEMENT MARKING, LINE - 200mm (WHITE)
15. TEMP PAVEMENT MARKING, LINE - 300mm (WHITE)
16. TEMP PAVEMENT MARKING, LINE - 300mm (YELLOW)
17. TEMP PAVEMENT MARKING, LINE - 600mm (WHITE)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- PLASTIC DRUMS OR TYPE II BARRICADES W/ STEADY BURN LIGHTS 15m C-C (UNLESS OTHERWISE SHOWN)
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES WITH FLASHING LIGHT
- SIGN
- EXISTING TRAFFIC FLOW
- PROPOSED TRAFFIC FLOW
- BARRICADE, TYPE III
- * TRAFFIC CONTROL DEVICES, TEMPORA CONCRETE BARRIER, TEMPORARY MSE TEMPORARY SHEET PILING AND TEMP(STRIPING FROM A PREVIOUS STAGE
- ** FROM PREVIOUS CONTRACT
- SHEET PILING
- ARROW BOARD
- BARRICADE OR DRUM

NOTE: DIMENSIONS TO TEMP CONC BARRIER ARE TO THE BOTTOM FACE OF THE BARRIER CLOSEST TO TRAFFIC.

NOTES

1. I-80/94 BRIDGE AND ROADWAY ELEMENTS NOT SHOWN.
2. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
3. PROVIDE SIDEWALK CLOSURE SIGNING PER STANDARD 701801.
4. PROVIDE TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS, IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-10.

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC BURNHAM AVE - STAGE 2

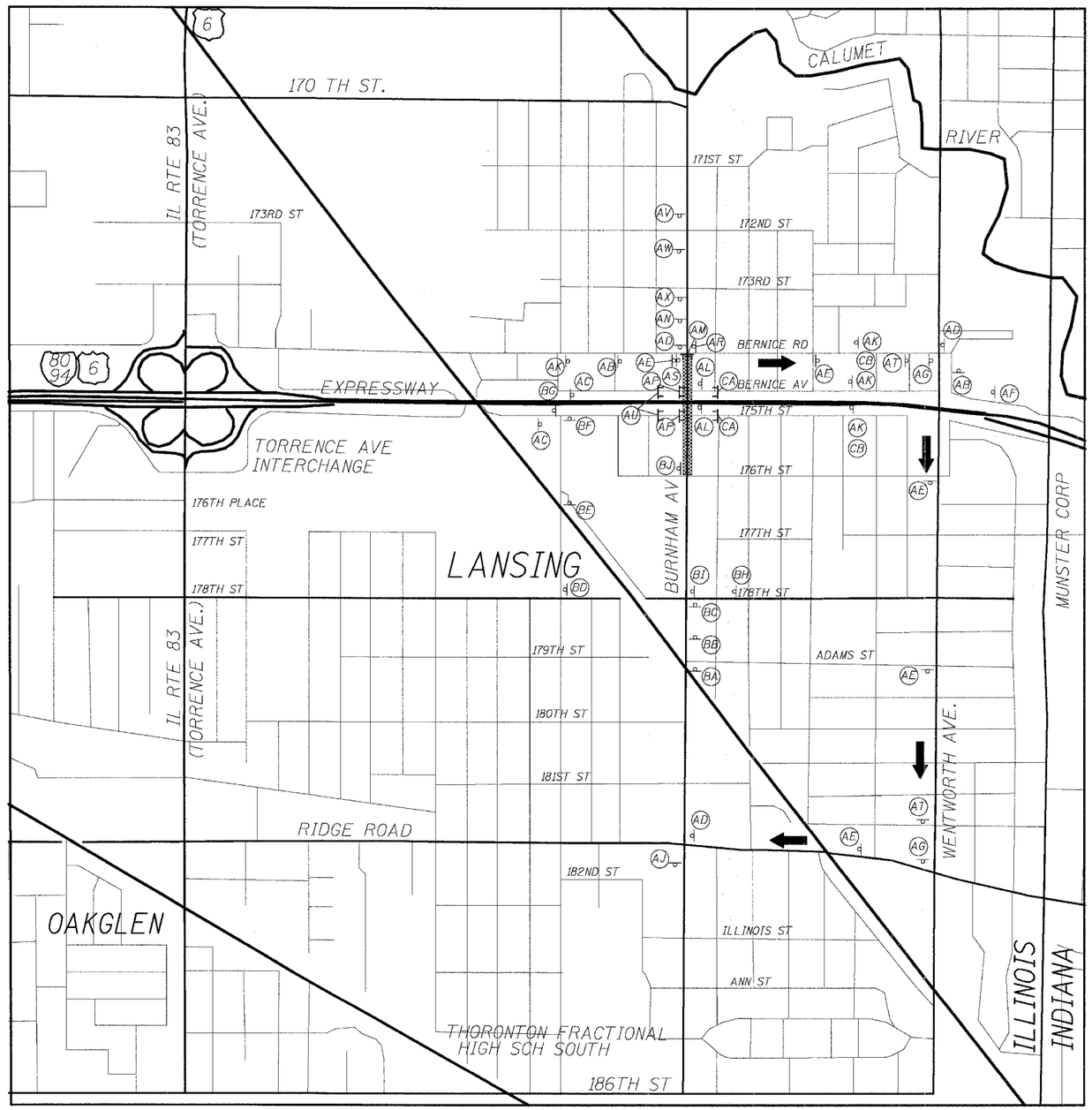
SCALE: 1:500 DRAWN BY: OP
DATE: 8/22/05 CHECKED BY: JP

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

..\HR70022A.DGN, ..\TR77122A.DGN, ..\XR70012A.DGN, ..\NR70022A.DGN, ..\XR70012A.DGN, ..\PF99900I2A.DGN, ..\PR70012A.DGN, ..\PR70022A.DGN, ..\AB99001I2A.DGN, ..\TR70022A.DGN, ..\MT77512A.DGN, ..\
8-19-2005, 13:08:23 T:\DOCUMENT\93750\CIVIL\DGN\MT77512A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	181
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



LOCATION MAP
N.T.S.

TABLE OF SIGNING FOR BURNHAM AV DETOUR ST I	
SYMBOL	SIGNS
AB	9 4 2
AC	10
AD	6 4 2
AE	3 4 2
AF	9
AG	1 4 2
AJ	17
AK	10 4 2
AL	8 4 2
AM	11 8
AN	1 2 4
AP	8
AR	12
AS	13
AT	7 4 2
AU	14
AV	18
AW	19
AX	20

TABLE OF SIGNING FOR 175TH ST DETOUR ST I	
SYMBOL	SIGNS
BA	9 15 16
BB	1 15 16
BC	6 15 16
BD	7 15 16
BE	3 15 16
BF	1 15 16
BG	17
BH	9 15 16
BI	3 15 16
BJ	14

TABLE OF SIGNING FOR STAGE II	
SYMBOL	SIGNS
CA	14
CB	10

NOTES:

1. THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING TRAFFIC CONTROL DEVICES SHOWN FOR STAGE 1 DETOUR OF BURNHAM AVENUE AND THE RELATED DETOUR OF 175TH STREET SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR, 1 EACH.
2. THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING TRAFFIC CONTROL DEVICES SHOWN FOR STAGE 2 SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
3. TYPE III BARRICADES SHALL BE PLACED COMPLETELY ACROSS THE SIDEWALKS AND ROADWAY TO PREVENT PEDESTRIAN AND VEHICULAR ACCESS TO THE WORK AREA. TWO (2) HI-INTENSITY FLASHERS SHALL BE PLACED ON EACH BARRIACDE.
4. STANDARD 702001 IS UTILIZED WITH THIS DETOUR.

LEGEND:

- TYPE III BARRICADES WITH 2 HI-INTENSITY FLASHERS EACH
- SIGN ON PERMANENT SUPPORT (OR ON EXISTING SUPPORT IF AVAILABLE)
- CONSTRUCTION WORK AREA
- DETOUR ROUTE

1. DETOUR — M4-9L, 750 x 600 mm
2. BURNHAM AVE — D3-1, VAR. x 200 mm
3. DETOUR — M4-9, 750 x 600 mm
4. SOUTH — M3-3, 600 x 300 mm
5. DETOUR — M4-9R, 750 x 600 mm
6. DETOUR — M4-9L, 750 x 600 mm
7. DETOUR — M4-9R, 750 x 600 mm
8. ROAD CLOSED — R11-2, 1200 x 750 mm
9. DETOUR AHEAD — W20-2, 1200 x 1200 mm
10. ROAD CLOSED AHEAD — W20-3, 1200 x 1200 mm
11. DETOUR — M4-10L, 1200 x 450 mm
12. R3-2, 600 x 600 mm
13. R3-1, 600 x 600 mm
14. ROAD CLOSED TO THRU TRAFFIC — R11-4, 1500 x 750 mm
15. 175TH ST — D3-1
16. WEST
17. END DETOUR — M4-8a, 600 x 450 mm
18. ROAD CLOSED 1500 FT — C24-12, 1200 x 1200 mm
19. DETOUR 1000 FT — W20-4, 1200 x 1200 mm
20. ROAD CLOSED 500 FT — C24-14, 1200 x 1200 mm

REVISIONS	
NAME	DATE

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

MAINTENANCE OF TRAFFIC TRAFFIC CONTROL SIGNING AND BURNHAM AVENUE DETOUR

SCALE:
DATE: 8/22/05
DRAWN BY:
CHECKED BY:

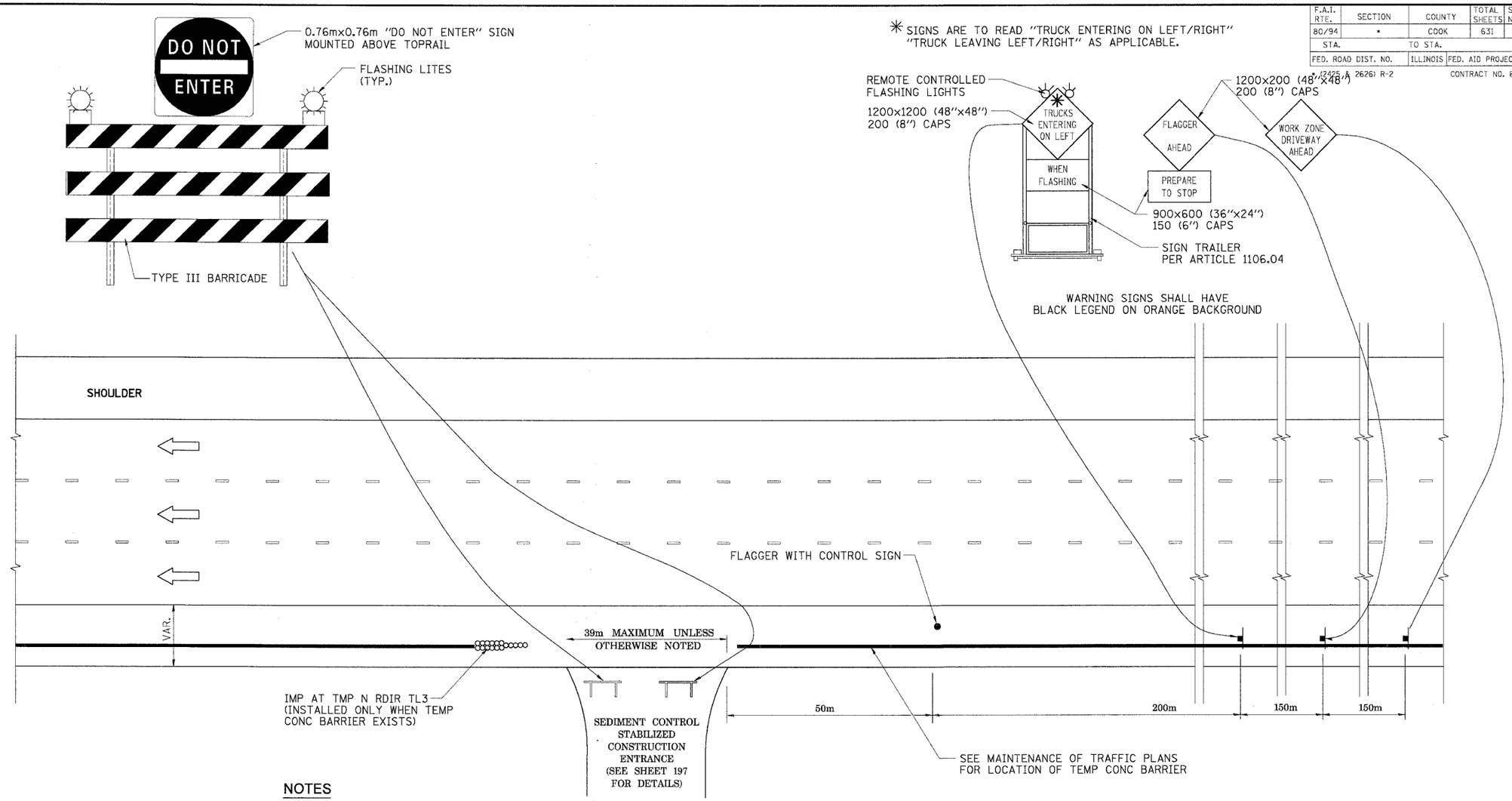
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\A89900ZA.DGN
8-19-2005,13:08:23
T:\DOCUMENT\93750\CIVIL\DGN\MT17802A.DGN
BAJZEKKJ
06162663

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	182
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2

CONTRACT NO. 62111



MAINTENANCE OF TRAFFIC LEGEND AND SYMBOLS

- ● FLAGGER WITH CONTROL SIGN
- ⇦ DIRECTION OF TRAFFIC
- ▪ SIGN ON SUPPORT

TBT = TRAFFIC BARRIER TERMINAL

TCB = TEMPORARY CONCRETE BARRIER

NOTES

1. THE "FLAGGER AHEAD" AND "TRUCKS ENTERING ON LEFT/RIGHT" SIGNS SHALL BE MOVED OR TURNED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
2. WORK ZONE DRIVEWAYS SHALL BE LOCATED AS PER TABLE A.
3. THE FLASHING LIGHT SHALL MEET THE REQUIREMENTS OF ARTICLE 702.05(c) AND BE OPERATED BY THE FLAGGER REMOTELY. THE LIGHTS SHALL BE FLASHING ONLY WHEN A VEHICLE IS ENTERING THE EXPRESSWAY.
4. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE DRIVEWAY WILL BE PROHIBITTED.
5. ALL VEHICLES SHALL ENTER THE WORK ZONE AT THESE OPENINGS. USING THEIR TURN SIGNALS TO WARN MOTORISTS.
6. INSTALL A MINIMUM OF 2 TYPE III BARRICADES WITH FLASHING LITES AND 1 DO NOT ENTER SIGN AT ALL TIMES WHEN NO WORK IS PERFORMED AT THE SITE. THE COSTS OF INSTALLING, MAINTAINING AND REMOVING THESE BARRICADES AND SIGNS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)"

TABLE A
WORK ZONE DRIVEWAY LOCATIONS

STATION	STAGE CONSTRUCTED IN - LOCATION
4+600	STAGE I, II, & III - I-80/94 EB LEFT
6+185	STAGE I - I-80/94 EB LEFT
6+605	STAGE I - I-80/94 EB RIGHT
6+500	STAGE II - I-80/94 EB LEFT

REVISIONS	
NAME	DATE

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

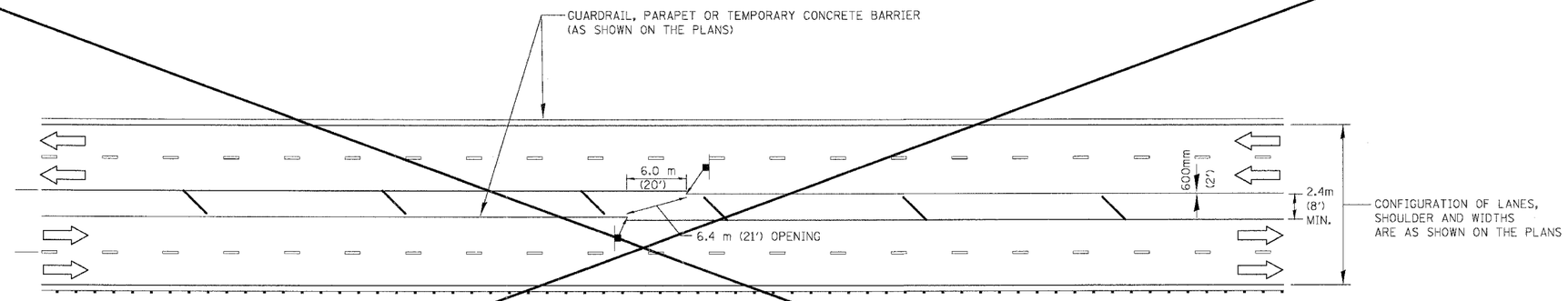
TRAFFIC CONTROL FOR STABILIZED CONSTRUCTION ENTRANCE/EXIT

SCALE: NONE
DATE: 8/22/05
DRAWN BY: JPW
CHECKED BY: PS

..\A899002A.DGN, ..\S193083A.DGN
8-18-2005, 6:26:58 T:\DOCUMENT\93750\CIVIL\DGN\S17083A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	631	183
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



TYPICAL EMERGENCY TURNAROUND

SEE MAINTENANCE OF TRAFFIC PLANS FOR LOCATION(S)

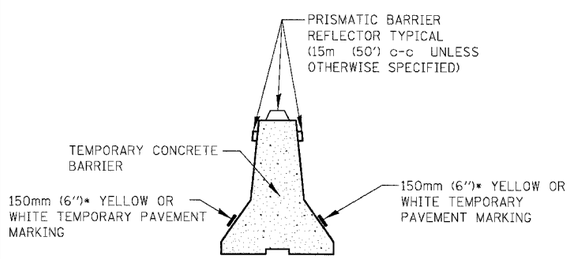
LEGEND

TEMPORARY CONCRETE BARRIER WALL

DIRECTION OF TRAFFIC

NO U TURN SIGN - 1.2m X 1.2m (48" X 48")

NOTE: GUARDRAIL, PARAPET OR TEMPORARY BARRIER WALL TO BE USED ON OUTSIDE EDGE OF TRAFFIC AS REQUIRED.

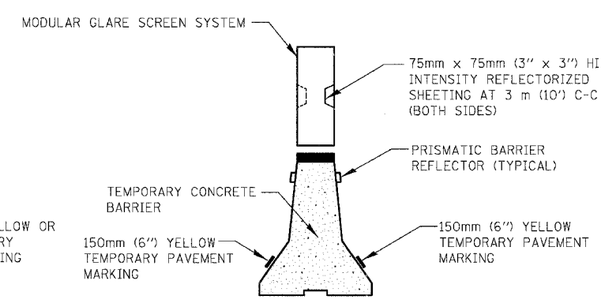


SECTION FACING TRAFFIC

TEMPORARY CONCRETE BARRIER

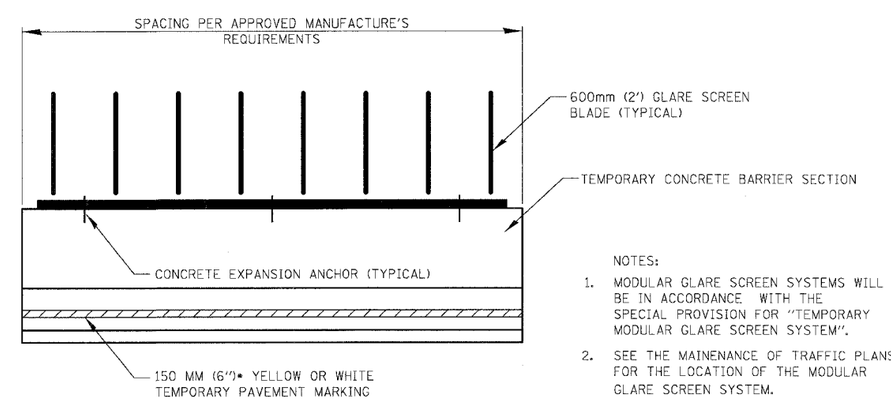
* YELLOW IS FOR LEFT EDGE OF TRAVEL LANE. WHITE IS FOR RIGHT EDGE OF TRAVEL LANE.

(REFLECTORS AND MARKINGS ARE REQUIRED ONLY ON TRAFFIC SIDE)



SECTION FACING TRAFFIC

TEMPORARY CONCRETE BARRIER WITH TEMPORARY MODULAR GLARE SCREEN



ELEVATION

NOTES:

1. MODULAR GLARE SCREEN SYSTEMS WILL BE IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "TEMPORARY MODULAR GLARE SCREEN SYSTEM".
2. SEE THE MAINENANCE OF TRAFFIC PLANS FOR THE LOCATION OF THE MODULAR GLARE SCREEN SYSTEM.
3. THE YELLOW REFLECTIVE PAINT WILL BE PAID FOR AS TEMPORARY PAVEMENT MARKING, LINE 150 MM (6").

TEMPORARY CONCRETE BARRIER DETAILS

REVISIONS	
NAME	DATE
ACE	01/04
ACE	02/05

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

EMERGENCY TURNAROUND AND TEMPORARY CONCRETE BARRIER DETAILS

SCALE NONE DRAWN BY ACE/CAD
DATE 01/04 CHECKED BY

AMERICAN CONSULTING ENGINEERS

..\EMERG U-TURN DETAIL.DGN
8-18-2005, 10:12:59
T:\DOCUMENT\93750\CIVIL\DGN\P017009A.DGN
BAUZEKKJ
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.
80/94	*	COOK	631	184
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.

2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.

4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.

5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.

6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.

7. A MAXIMUM OF 4 HECTARES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 4 HECTARES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.

   (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 4 HECTARES OF GRADING AT A TIME. THE 4 HECTARE LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.

   (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:

   * IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.

   * THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.

   * THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.

8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.

9. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 3 METERS VERTICALLY OR THE FINISHED SLOPE EQUALS 10 METERS, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.

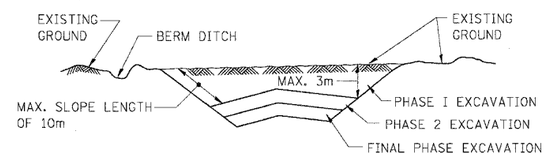
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 13mm.

SEE NEXT SHEET FOR CONTINUATION

EROSION AND SEDIMENT CONTROL LEGEND

SC	SEDIMENT CONTROL
EC	EROSION CONTROL
	SC, STABILIZED CONSTRUCTION ENTRANCE (SCSCE)
	SC, SILT FENCE (SCSF) PLAN
	SC, SILT FENCE (SCSF) SECTION
	DIVERSION DIKE
TD	TEMPORARY DITCH
	DITCH FLOW
	EC, TEMPORARY PIPE SLOPE DRAIN
	EC, TEMPORARY CHANNEL DIVERSION
	EROSION CONTROL BLANKET
	STONE RIPRAP (CLASS AS SHOWN ON PLAN)
	STONE OUTLET STRUCTURE SEDIMENT TRAP
	TEMPORARY STREAM CROSSING
DB	DEWATERING BASIN
TP	TREE TRUNK PROTECTION
DSIF	INLET FILTER
	INLET AND PIPE PROTECTION
	DITCH CHECK TEMPORARY
	SEDIMENT BASIN
	SEEDING CLASS 2A
	SEEDING CLASS 4
	TEMPORARY EROSION CONTROL SEEDING
MAX =	MAXIMUM
MIN =	MINIMUM

EXCAVATION PHASING PLAN-CUT SECTION



NOTES:

1. ALL CUT SLOPES SHALL BE EXCAVATED AND STABILIZED (PLACE TOPSOIL, PREPARE SEEDBED, APPLY SEED, PROTECT SLOPE WITH MULCH OR EROSION BLANKET) AS THE WORK PROGRESSES.

2. CONSTRUCTION SEQUENCE FOR EXCAVATION:
   (A) EXCAVATE AND STABILIZE BERM, SIDE AND OUTLET DITCHES, PROVIDE SEDIMENT TRAPS FOR DITCHES.

   (B) PERFORM PHASE 1 EXCAVATION AND STABILIZE SLOPES WITH PERMANENT SEEDING.

   (C) PERFORM PHASE 2 EXCAVATION AND STABILIZE SLOPES WITH PERMANENT SEEDING. OVERSEED PHASE 1 SLOPES, IF REQUIRED.

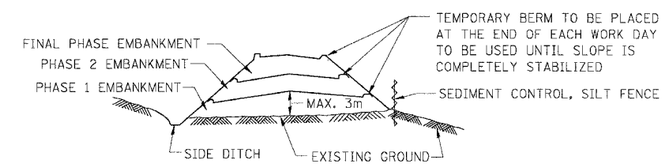
   (D) PERFORM FINAL PHASE EXCAVATION, AND STABILIZE WITH PERMANENT VEGETATIVE PLAN ON THE ENTIRE SLOPE. STABILIZE SURFACE DRAIN DITCHES. OVERSEED PHASE 1 & 2 SLOPES, IF REQUIRED, AS DETERMINED BY THE ENGINEER.

3. IF PERMANENT SEEDING CANNOT BE PLACED DUE TO CONTRACT REQUIREMENTS REGARDING PLANTING SEASONS, THE CUT SLOPE IS TO HAVE TOPSOIL PLACED AND SEEDBED PREPARED PRIOR TO USING TEMPORARY STABILIZATION WITH STRAW MULCH OR TEMPORARY SEEDING WITH EROSION BLANKET.

4. THE CONTRACTOR HAS THE OPTION OF DELAYING TOPSOIL AND/OR SEEDING BEYOND THE 3m VERTICAL LIMITATION. (SEE GENERAL NOTE 9) IF SO THE CUT SLOPE MUST BE TEMPORARILY STABILIZED, AT NO COST TO THE DEPARTMENT.

5. ONCE THE EXCAVATION WITHIN A SPECIFIC AREA HAS BEGUN, THE OPERATION SHALL BE CONTINUOUS FROM STRIPPING THROUGH THE COMPLETION OF THE GRADING AND PLACEMENT OF SLOPE STABILIZATION MEASURES. ANY INTERRUPTIONS IN THE OPERATION 14 DAYS OR MORE MUST BE APPROVED BY THE ENGINEER. ANY VIOLATIONS OF THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR ASSUMING THE RESPONSIBILITY OF PLACING TEMPORARY STABILIZATION AT HIS OWN COST AND EXPENSE AS DIRECTED BY THE ENGINEER.

EMBANKMENT PHASING PLAN-FILL SECTION



NOTES:

1. THE EMBANKMENT WILL BE MADE IN STAGES NOT TO EXCEED 3m. THE EMBANKMENT SLOPES WILL BE STABILIZED USING TEMPORARY MEASURES BEFORE BEGINNING NEXT STAGE.

2.(A) AT THE END OF EACH WORK DAY TEMPORARY BERMS (EARTH) AND TEMPORARY PIPE SLOPE DRAINS WILL BE CONSTRUCTED ALONG THE TOP EDGE(S) OF THE EMBANKMENT TO INTERCEPT SURFACE RUNOFF.

2.(B) IN LIEU OF PERFORMING WORK DESCRIBED IN 2(A) AT THE END OF EACH WORK DAY, THE CONTRACTOR MAY EMPLOY A "CERTIFIED CONSULTANT METEOROLOGIST" TO PROVIDE A WRITTEN DAILY WEATHER FORECAST TO THE DEPARTMENT'S ENGINEER. SHOULD THE FORECAST PREDICT A 10% (OR LESS) CHANCE OF PRECIPITATION IN THE NEXT 36 HOUR TIME PERIOD, THE BERMS AND SLOPE DRAINS NEED NOT BE DONE THAT DAY. ON WORK DAYS PRECEDING NON-WORK DAYS, THE FORECAST MUST EXTEND TO THE SCHEDULED RESUMPTION OF WORK.

3. CONSTRUCTION SEQUENCE FOR EMBANKMENT

   (A) EXCAVATE AND STABILIZE SIDE DITCH AND/OR INSTALL PROPOSED PERIMETER CONTROLS AT THE TOE OF SLOPE.
   (B) PLACE PHASE 1 EMBANKMENT AND STABILIZE WITH TEMPORARY SEEDING AND MULCH.
   (C) PLACE PHASE 2 EMBANKMENT AND STABILIZE WITH TEMPORARY SEEDING AND MULCH.
   (D) PLACE FINAL PHASE EMBANKMENT AND STABILIZE WITH PERMANENT VEGETATIVE PLAN ON THE ENTIRE SLOPE.

4. ONCE THE PLACEMENT OF FILL WITHIN A SPECIFIC AREA HAS BEGUN, THE OPERATION SHALL BE CONTINUOUS FROM STRIPPING THROUGH THE COMPLETION OF THE GRADING AND PLACEMENT OF PERMANENT VEGETATIVE PLAN. ANY INTERRUPTIONS IN THE OPERATION OF 14 DAYS OR MORE MUST BE APPROVED BY THE ENGINEER. ANY VIOLATION OF THIS REQUIREMENT WILL RESULT IN THE CONTRACTOR ASSUMING THE RESPONSIBILITY OF PLACING TEMPORARY STABILIZATION AT HIS OWN COST AND EXPENSE AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL GENERAL NOTES AND LEGEND

SCALE: NONE
DATE: 8/22/05
DRAWN BY: SN
CHECKED BY: MD

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

..\AB99D02A.DGN 8-8-2005,08:00 T:\DOCUMENT\931520\CIVIL\DGN\ED70013A.DGN BAUZEKKJ
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.
80/94	*	COOK	631	185
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

EROSION AND SEDIMENT CONTROLS GENERAL NOTES (CONTD.)

11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE AND STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.

12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE (VICINITY) OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.

15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.

16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:

    (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.

    (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.

    (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

17. SEEDING USAGE

    CLASS 2A SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.

    CLASS 4 USED ON PERMANENT 1:2 SLOPES AND 1:3 SLOPES HIGHER THAN 3 METERS.

    TEMPORARY EROSION CONTROL SEEDING USED ON SHORT TERM TEMPORARY SEEDING.

    TOP SOIL PLACEMENT:

18. TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARILY STEEP SLOPES.

19. WEED CONTROL FOR TEASEL WILL BE REQUIRED FOR THIS PROJECT. A REPRESENTATIVE FROM IDOT'S ROADSIDE DEVELOPMENT UNIT WILL DETERMINE LOCATIONS ON SITE AT THE START OF CONSTRUCTION. PAY ITEMS HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES.

20. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTER".

21. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.

22. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.

23. SEE EROSION AND SEDIMENT CONTROL FINAL CONDITIONS PLANS FOR PLACEMENT OF ALL FINAL EROSION AND SEDIMENT CONTROL PAY ITEMS.

24. SEE PROPOSED DRAINAGE PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.

25. SEE EXISTING DRAINAGE AND UTILITY PLANS FOR INFORMATION CONCERNING THE REMOVAL, ADJUSTMENT, RECONSTRUCTION, ETC. OF EXISTING STRUCTURE AND PIPES.

26. DRAINAGE STRUCTURES AND PIPES REQUIRED TO FACILITATE CONSTRUCTION STAGING OPERATIONS ARE SHOWN ON THE EROSION CONTROL PLANS BY THE STAGES OF CONSTRUCTION, AND IS A SUGGESTED SEQUENCING OF DRAINAGE INSTALLATION. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE RESIDENT ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION. TEMPORARY STRUCTURE AND PIPE TABLES FOR THIS WORK ARE SHOWN ON THE EROSION CONTROL PLANS.

27. AS DETERMINED BY THE CONTRACTOR, SOME OF THE PROPOSED DRAINAGE STRUCTURES WILL BE STAGE CONSTRUCTED VERTICALLY TO FACILITATE CONSTRUCTION OPERATIONS. IF THE TOP SLAB OF THE STRUCTURE MUST BE PLACED AT AN INTERIM ELEVATION, THE TOP SLAB WILL THEN BE REMOVED AND THE REMAINING PORTION OF THE STRUCTURE ADDED AND THE TOP SLAB RE-INSTALLED IN A LATER STAGE. THE COST OF STAGE CONSTRUCTING DRAINAGE STRUCTURES VERTICALLY WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE DRAINAGE STRUCTURE OF THE TYPE SPECIFIED IN THE PLANS.

28. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS. OR DIRECTED BY THE ENGINEER, COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS

EROSION AND SEDIMENT CONTROL (ESC) STRATEGY

INSTALL THE PERMANENT AND TEMPORARY EROSION CONTROL MEASURES ACCORDING TO THE EROSION AND SEDIMENT CONTROL SHEETS.

DISTURBED AREA:
- EXPRESSWAY: 8.45 HA
- RAILROAD AVENUE: 1.72 HA
- BURNHAM AVENUE: 0.63 HA
- 175TH STREET: 0.21 HA
- BERNICE AVENUE: 0.16 HA

EROSION AND SEDIMENT CONTROL AT SHOULDER WIDENING AREAS

(IMPACT ATTENUATORS AND STABILIZED CONSTRUCTION ENTRANCES)

THE CONTRACTOR SHALL COMPLETE THE SHOULDER WIDENING OPERATION WITHIN FIVE (5) CALENDER DAYS, ACCOMPLISHING THE FOLLOWING IN THE ORDER:

1. PLACE TEMPORARY DITCH CHECKS DOWNSTREAM OF THE WORK EREA.
2. TOPSOIL EXCAVATION AND PLACEMENT (TOPSOIL REMOVAL)
3. EARTH EXCAVATION (CUT AND FILL TO RELOCATE DITCH)
4. TEMPORARY EROSION CONTROL SEEDING OR SEEDING CLASS 2A
5. EROSION CONTROL BLANKET OVER DISTURBED SITE
6. EROSION CONTROL, TEMPORARY PIPE SLOPE DRAIN AT THE LOW POINT OF THE WIDENED SHOULDER.
7. SEDIMENT CONTROL, SILT FENCE AT EDGE OF WIDENEN SHOULDER. SILT FENCE EXTENDS 3.0 METERS BEYOND THE DISTURBED AREA.

REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL GENERAL NOTES AND STRATEGY

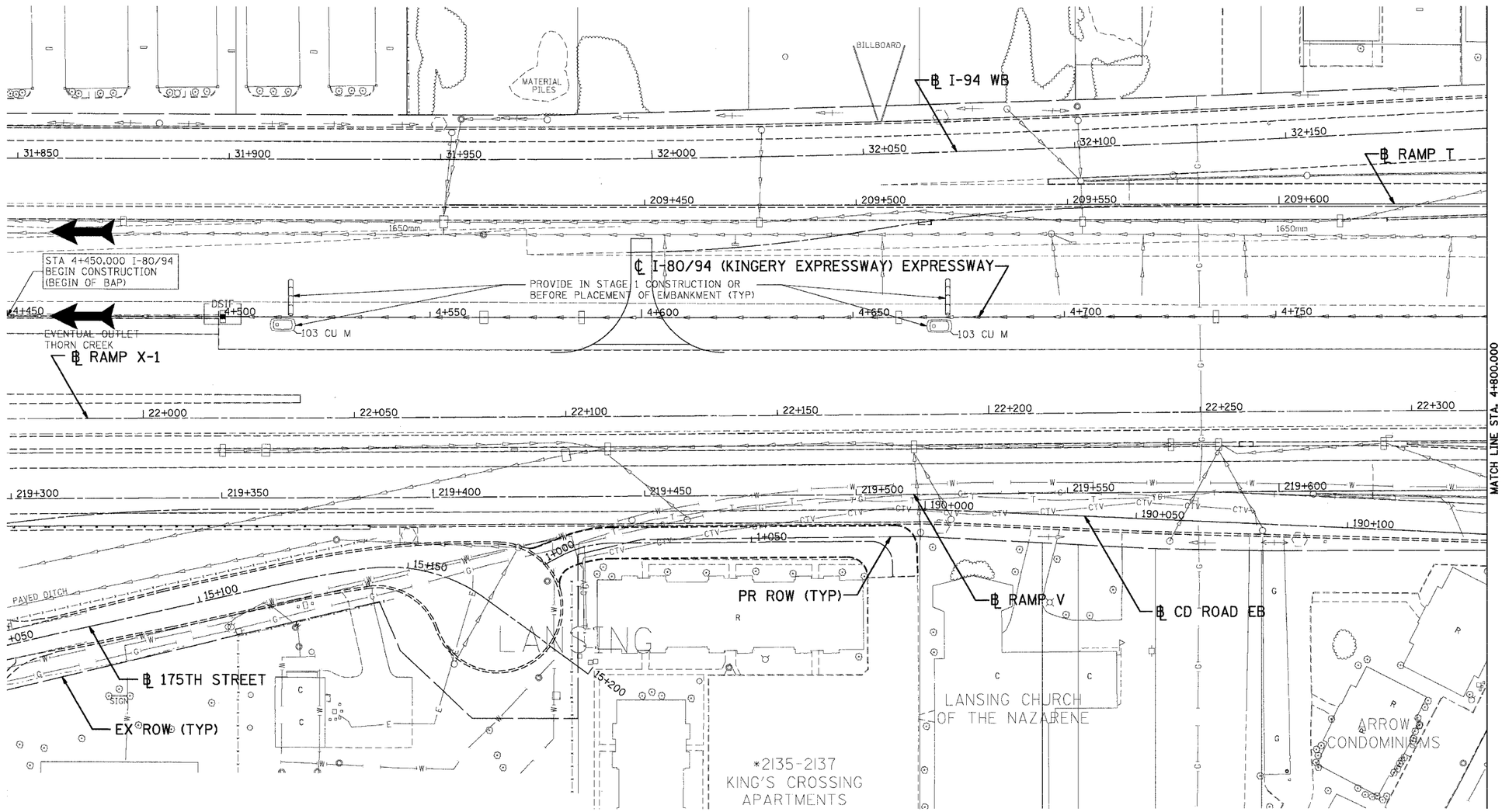
SCALE: NONE
DATE: 8/22/05
DRAWN BY: SN
CHECKED BY: MD

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

..\AB9900ZA.DGN,..\D0000023A.DGN,..\EDA0003A.DGN,..\EDA0020ZA.DGN
8-8-2005, 10:15:00 F:\DOCUMENT\93750\CIVIL\DGN\EDI70023A.DGN
BAJZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	186
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

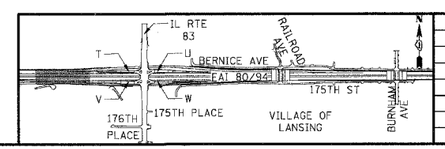
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I
3. PROVIDE DRAINAGE STRUCTURE INLET FILTER CLEANING FOR DRAINAGE STRUCTURES ALONG CENTER LINE OF I-80 AS DIRECTED BY THE ENGINEER



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 4+500 TO STA. 4+800

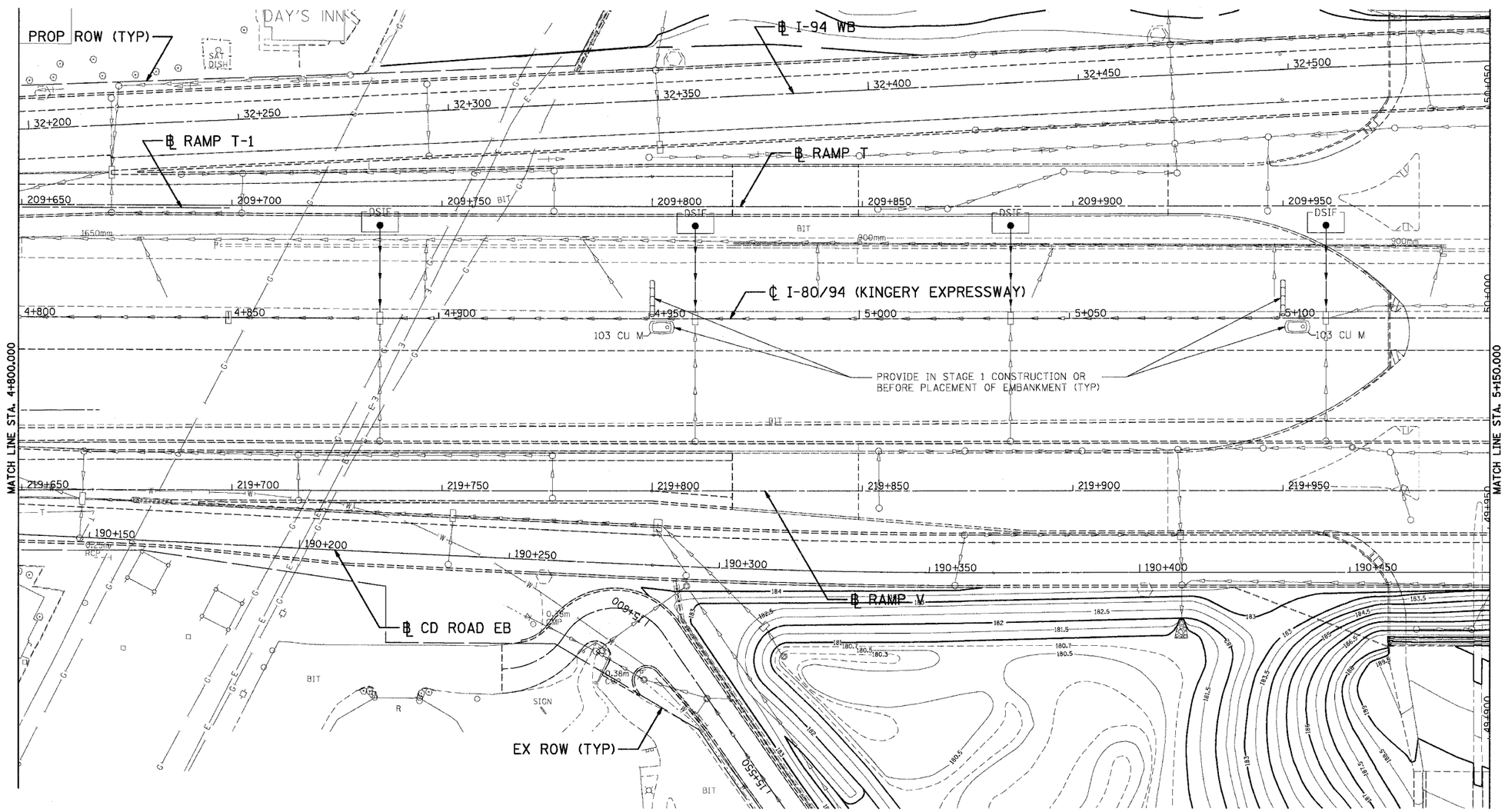
SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\GR70012A.DGN, ..\PB99002A.DGN, ..\RR70012A.DGN, ..\XR70012A.DGN, ..\GR70022A.DGN, ..\ER75062A.DGN, ..\ER70052A.DGN, ..\AB99002A.DGN, ..\GR70062A.DGN, ..\TR77002A.DGN, ..\HR70022A.DGN, ..\HR35042A.DGN, ..\GR70032A.DGN
8-18-2005, 10:31:09 T:\DOCUMENT\93750\CIVIL\DGN\EC76202A.DGN BAUZEKKJ
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.
80/94	*	COOK	631	187
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

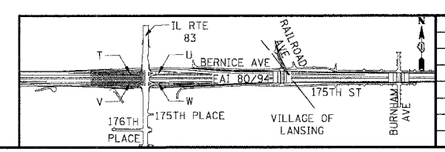
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I
3. PROVIDE DRAINAGE STRUCTURE INLET FILTER CLEANING FOR DRAINAGE STRUCTURES ALONG CENTER LINE OF I-80 AS DIRECTED BY THE ENGINEER



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 4+800 TO STA. 5+150

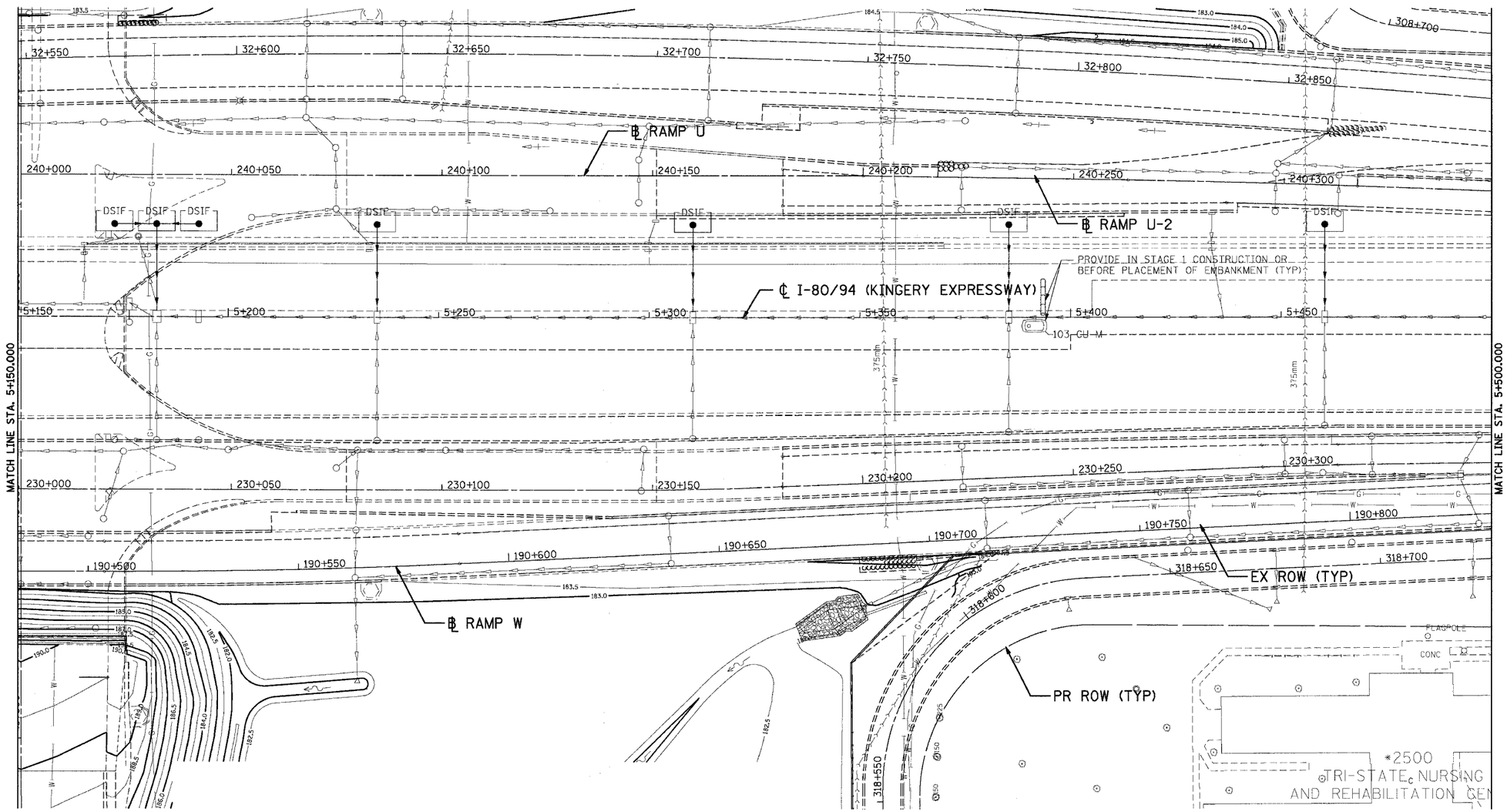
SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\HR70022A.DGN, ..\ER75062A.DGN, ..\RR70032A.DGN, ..\XR70032A.DGN, ..\DR70022A.DGN, ..\DR70032A.DGN, ..\ER70052A.DGN, ..\PB99002A.DGN, ..\DR70012A.DGN, ..\TR77002A.DGN, ..\DR70062A.DGN, ..\HR35042A.DGN, ..\A899002A.DGN, ..\CRIA0032A.DGN
8-18-2005, 10:43:19 BAJZEKJ
T:\DOCUMENT\93175\CIVIL\DGN\EC176222A.DGN
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.
80/94	*	COOK	631	188
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

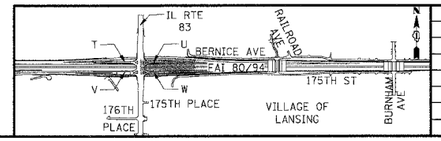
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I
3. PROVIDE DRAINAGE STRUCTURE INLET FILTER CLEANING FOR DRAINAGE STRUCTURES ALONG CENTER LINE OF I-80 AS DIRECTED BY THE ENGINEER



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 5+150 TO STA. 5+500

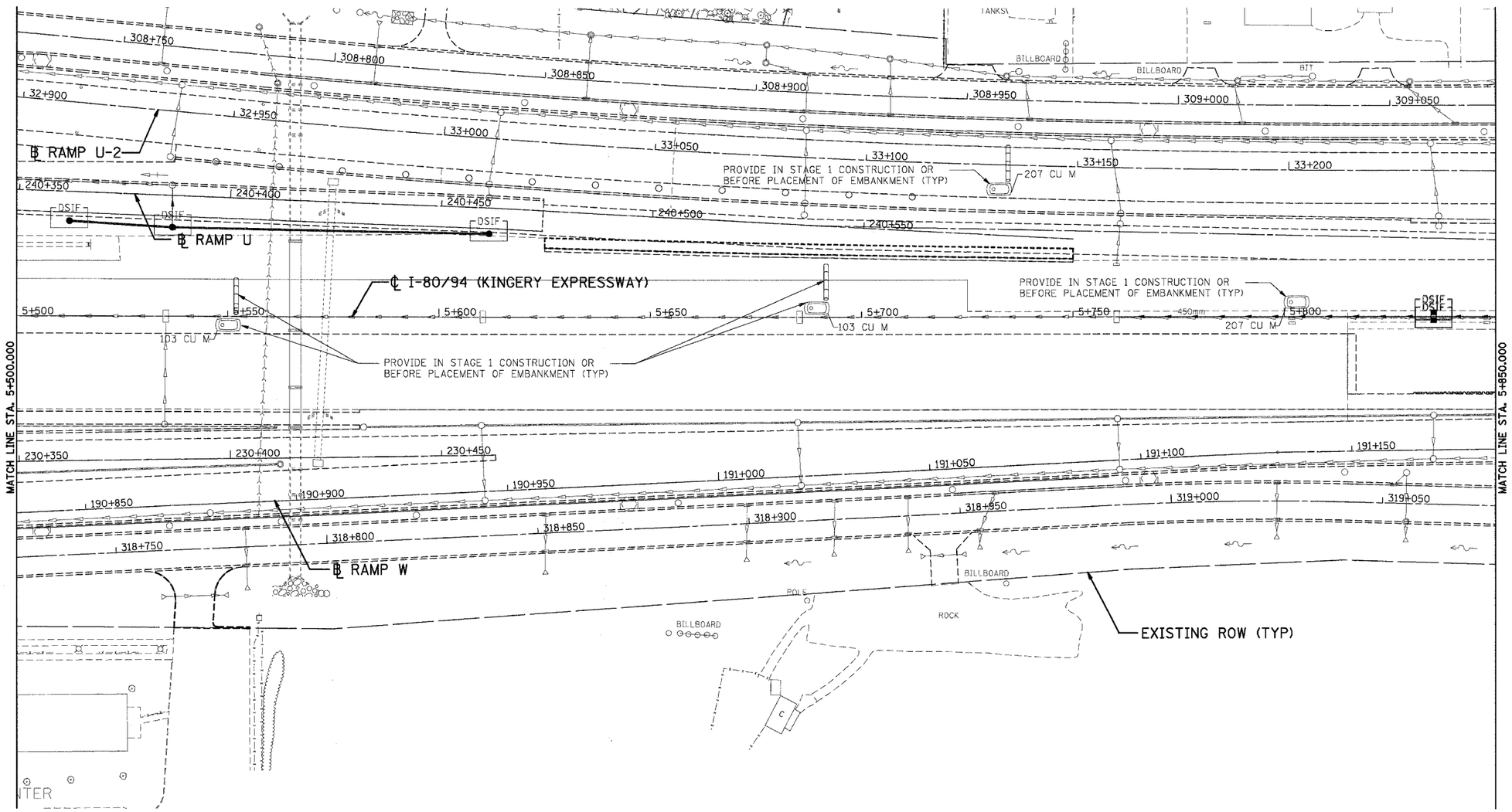
SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\NR17002A.DGN, ..\NR17003A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR17002A.DGN, ..\NR35042A.DGN, ..\NR75062A.DGN, ..\NR17002A.DGN, ..\NR99002A.DGN, ..\NR99002A.DGN, ..\CR1A0032A.DGN
8-19-2005, 13:08:36 T:\DOCUMENT\93750\CIVIL\DGN\E0176232A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	189
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

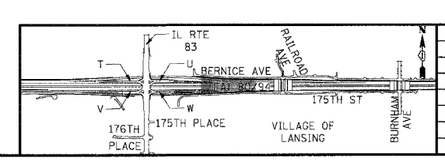
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. NOT SHOWN ON PLAN IS PHASE III, STAGE I
3. PROVIDE DRAINAGE STRUCTURE INLET FILTER CLEANING FOR DRAINAGE STRUCTURES ALONG CENTER LINE OF I-80 AS DIRECTED BY THE ENGINEER



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 5+500 TO STA. 5+850

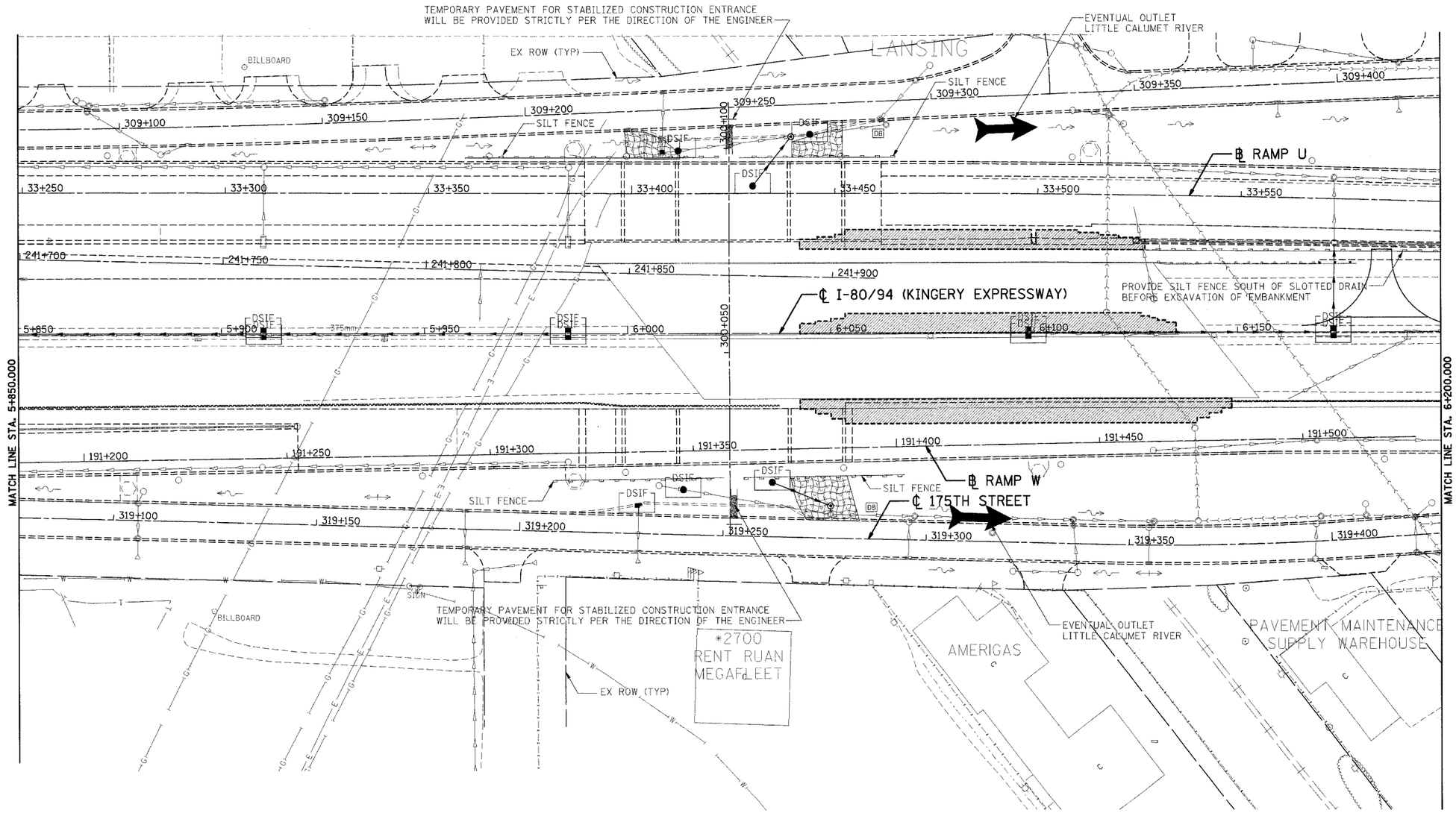
SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\VR70032A.DGN,..\VR70032A.DGN,..\VR70012A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR75062A.DGN,..\VR70052A.DGN,..\PB99002A.DGN,..\VR70012A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70012A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022A.DGN,..\VR70022

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	190
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

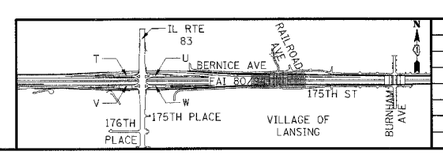
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 5+850 TO STA. 6+200

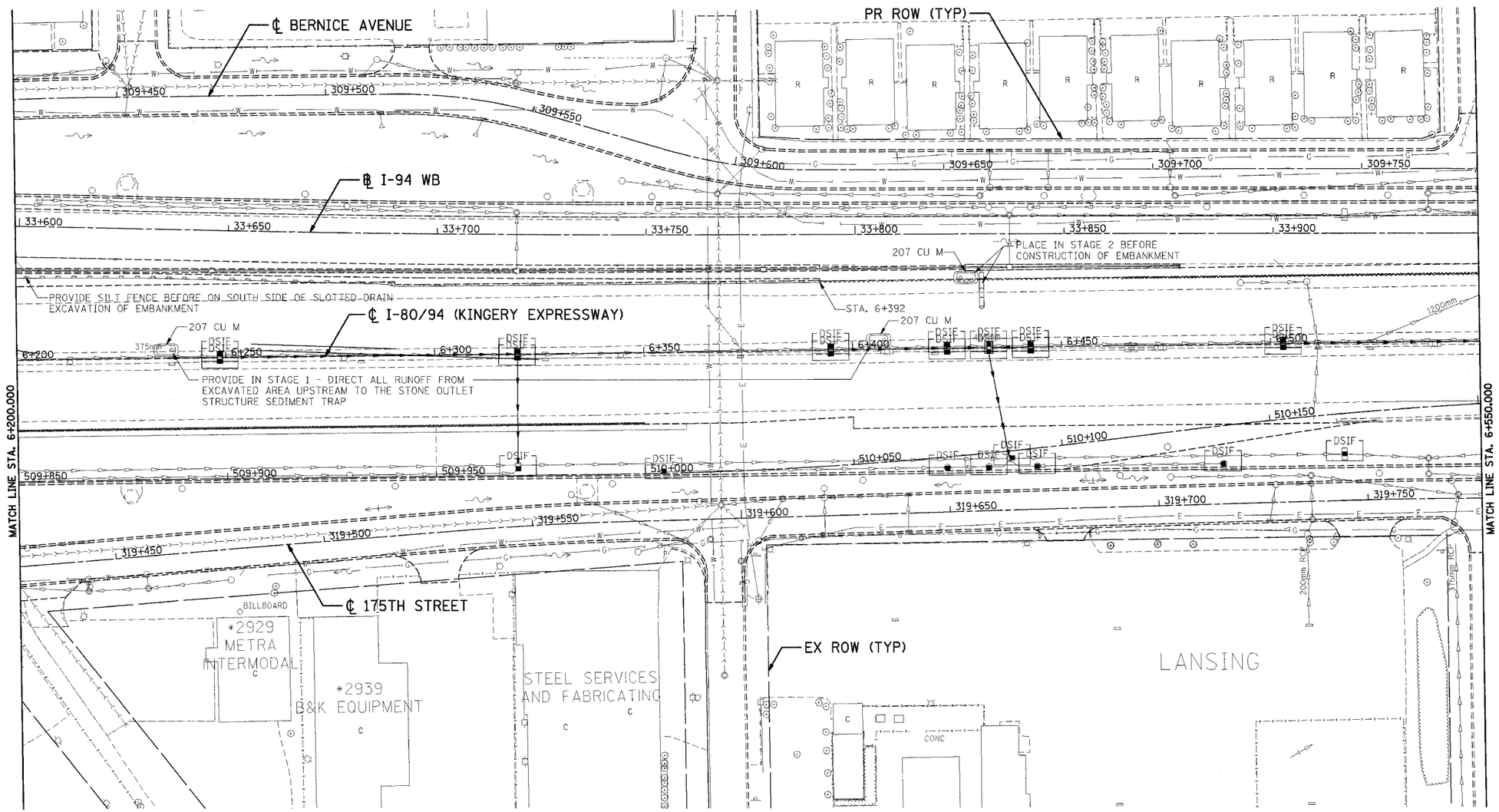
SCALE: 1:500 DRAWN BY: SN
DATE: 9/13/05 CHECKED BY: MD

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

..\NR17002A.DGN,..\DR17002A.DGN,..\NR17002A.DGN,..\DR17002A.DGN,..\DR17002A.DGN,..\DR17006A.DGN,..\ER17006A.DGN,..\DR17002A.DGN,..\FB99002A.DGN,..\TR17002A.DGN
9-13-2005, 8:23:45 T:\DOCUMENT\193150\CIVL\DGN\EC76252A.DGN HANSENGD
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.
80/94	*	COOK	631	191
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

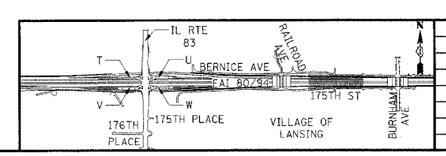
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 6+200 TO STA. 6+550

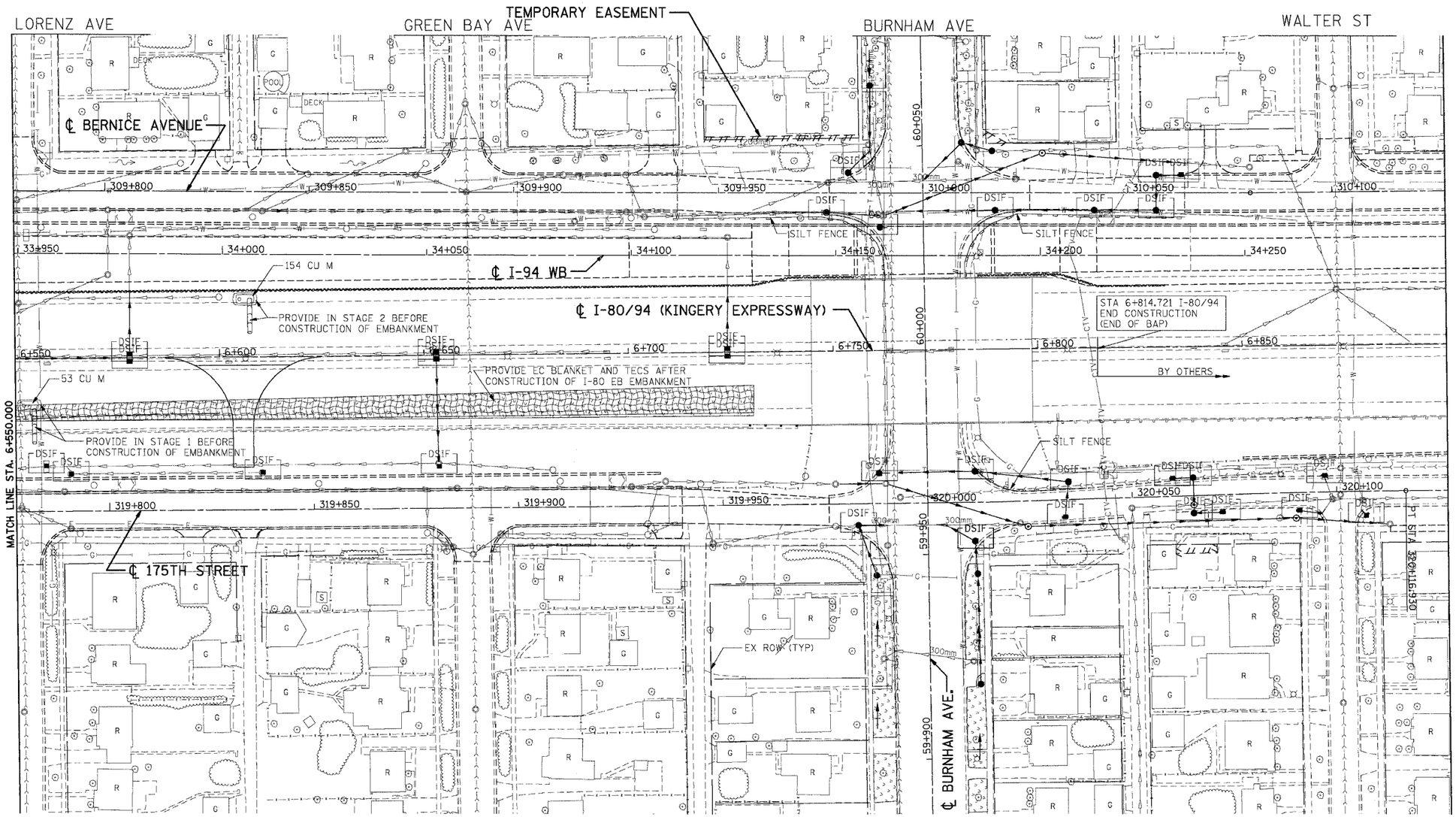
SCALE: 1:500 DRAWN BY: SN
DATE: 9/13/05 CHECKED BY: MD

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

..\HR170022A.DGN,..\DR170032A.DGN,..\DR170062A.DGN,..\DR170012A.DGN,..\VR170012A.DGN,..\VR170002A.DGN,..\VR170052A.DGN,..\VR170062A.DGN,..\HR150042A.DGN,..\HR150042A.DGN
9-13-2005,182401 T:\DOCUMENT\931750\CIVIL\DGN\EC76262A.DGN HANSENJD
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.
80/94	*	COOK	631	192
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

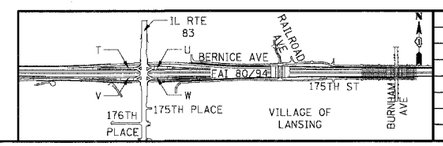
* (2425 & 2626) R-2 CONTRACT NO. 62111



LEGEND

- WIRE FACED MSE WALL
- SHEET PILING
- STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I
3. PROVIDE DRAINAGE STRUCTURE INLET FILTER CLEANING FOR DRAINAGE STRUCTURES ALONG CENTER LINE OF I-80 AS DIRECTED BY THE ENGINEER



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL
FAI 80/94
STA. 6+550 TO STA. 6+814.721

SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\DR170022A.DGN,..\HR135042A.DGN,..\DR170012A.DGN,..\DR170032A.DGN,..\DR170062A.DGN,..\ER170052A.DGN,..\ER175062A.DGN,..\RR170012A.DGN,..\RR170022A.DGN,..\RR99C002A.DGN,..\RB99D002A.DGN
8-18-2005, 10:35:57 T:\DOCUMENT\93750\CIVIL\DGN\EC076227A.DGN BAJZEKKJ
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.
80/94	*	COOK	631	193
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

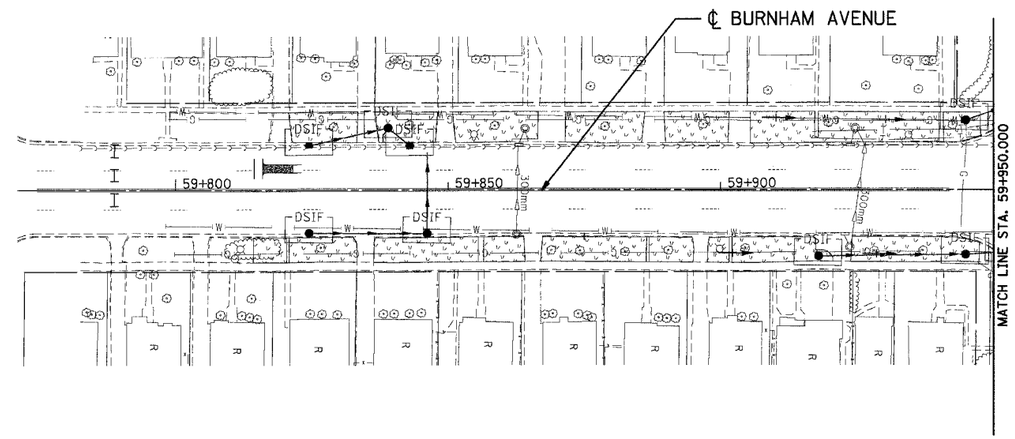
LEGEND

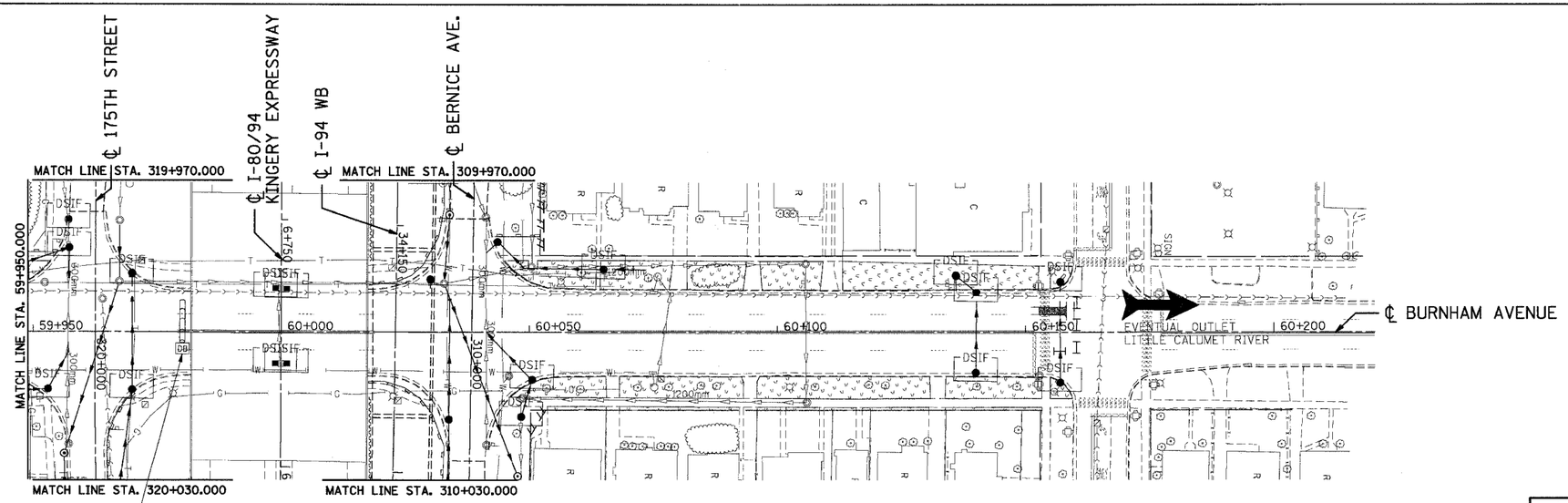
WIRE FACED MSE WALL

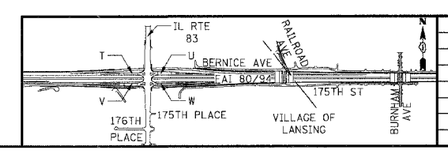
SHEET PILING

STORMWATER DISCHARGE OUTLET

NOTE
1. FOR PERMANENT STRUCTURE AND PIPE INFORMATION, SEE SHEETS 210 TO 211
2. MOT SHOWN ON PLAN IS PHASE III, STAGE I







REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL BURNHAM AVENUE

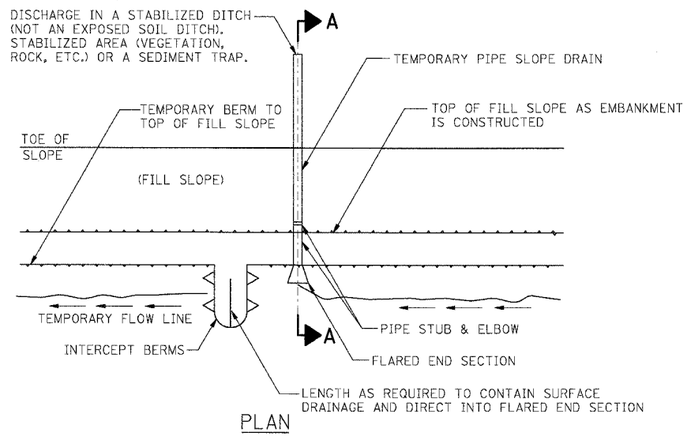
SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

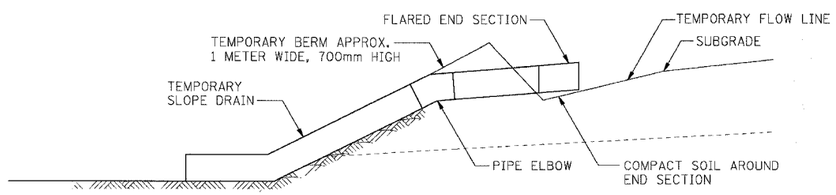
..\IR170022A.DGN, ..\IR171124.DGN, ..\IR170024.DGN, ..\IR170024.DGN, ..\IR170024.DGN, ..\IR170024.DGN, ..\PB590024.DGN, ..\IR170024.DGN, ..\IR171124.DGN, ..\IR170024.DGN, ..\IR170022A.DGN, ..\IR170022A.DGN, ..\IR170022A.DGN, ..\IR170032A.DGN, ..\
8-18-2005,10:14:09 T:\DOCUMENT\193150\CIVIL\DGN\EC762B2A.DGN SAJZEKKJ
1 2 3 4 5 6 7 8 9 0 1 2 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 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	194
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



PLAN



SECTION A-A

FOR ALL SLOPES

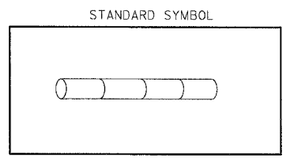
TEMPORARY SLOPE DRAIN SHALL BE USED AT THE TOP OF FILL SLOPE AS EMBANKMENT IS CONSTRUCTED TO PREVENT EXCESSIVE EROSION UNTIL SHOULDERS ARE CONSTRUCTED AND THE SLOPES ARE SEEDED AND MULCHED.

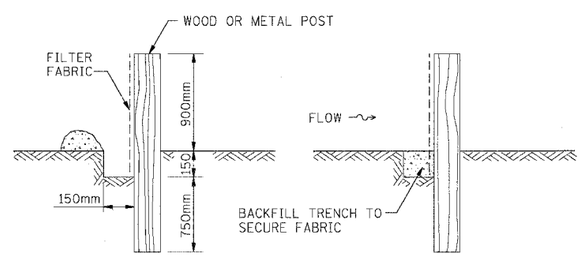
EROSION CONTROL
TEMPORARY PIPE SLOPE DRAINS

GENERAL NOTES:

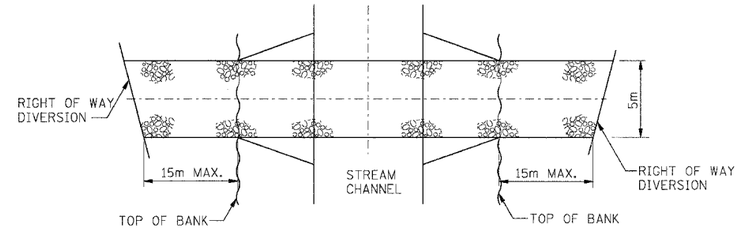
1. ALL DIMENSIONS AND LOCATIONS NOT INDICATED. FOR ITEMS APPEARING ON THIS SHEET OR ON THE PLANS SHALL BE DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL PLACE GEOTEXTILE AROUND THE METAL END SECTION TO PREVENT BLOW-OUTS.
3. ALL TEMPORARY SLOPE DRAINS WILL DISCHARGE INTO THE BACK OF SEDIMENT TRAPS. INTO SEDIMENT BASINS OR DITCHES DISCHARGING INTO TRAPS OR BASINS.
4. PIPE WILL BE SECURED THROUGH USE OF HOLD DOWN STAKES WITH A MAXIMUM SPACING OF 3 METERS.
5. TEMPORARY PIPE SLOPE DRAINS WILL BE SPACED A MAX. OF EVERY 150 METERS ALONG THE FILL WITH A STANDARD DIA. OF 450mm. THIS PIPE SIZE IS ADEQUATE TO HANDLE 0.6 HECTARES OF CONTRIBUTING AREA. SPACING OR SIZE TO BE ADJUSTED IF CONTRIBUTING AREA IS LARGER THAN 0.6 HECTARES. AT LEAST TWO TEMPORARY PIPE SLOPE DRAINS WILL BE PLACED IN EVERY SAG.
6. STAPLES SHALL BE USED TO ANCHOR THE FILTER FABRIC AND SHALL BE UNIFORMLY SPACED AT APPROXIMATELY 300mm.

STANDARD SYMBOL

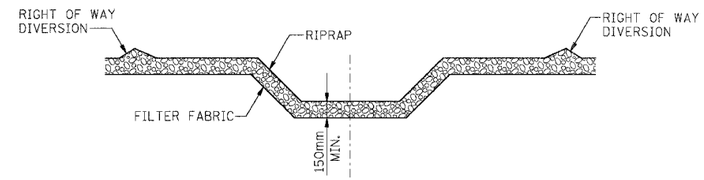




SILT FILTER FENCE DITCH CHECK



PLAN VIEW



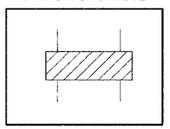
SECTION

TEMPORARY STREAM CROSSING PLAN

NOTES:

1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 1080.03 - FILTER FABRIC FOR USE WITH RIPRAP AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING ROCK.
2. ROCK OR RECLAIMED CONCRETE SHALL MEET EROSION & SEDIMENT CONTROL RIPRAP, GRADATION 3.
3. THE STREAM CROSSING SHALL BE MADE AS PERPENDICULAR TO THE CENTERLINE OF THE STREAM AS POSSIBLE.
4. THE CROSSING SHALL BE REMOVED IMMEDIATELY WHEN NO LONGER NEEDED AND THE STREAM CHANNEL RESTORED TO ITS ORIGINAL CROSS SECTION.
5. WHEN THE STREAM HAS BASEFLOW, IT IS RECOMMENDED THAT A TEMPORARY PIPE BE INSTALLED IN THE BOTTOM OF THE CROSSING AND ADDITIONAL RIPRAP BE PLACED OVER THE PIPE TO PROTECT THE PIPE FROM CONSTRUCTION TRAFFIC.

STANDARD SYMBOL



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL TEMPORARY PIPE SLOPE DRAINS AND TEMPORARY STREAM CROSSING DETAILS

SCALE: NONE DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

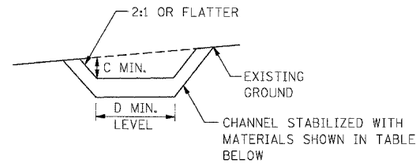
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

BAJZEKKJ
T:\DOCUMENT\98750\CIVIL\DGN\ED70012A.DGN
..\AB9500ZA.DGN
8-18-2005, 10:14:40
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

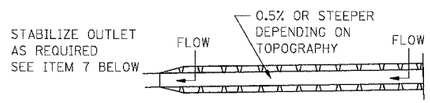
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	195
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

	DITCH TYPE A	DITCH TYPE B
C	300mm	300mm
D	1.2m	1.8m



CROSS-SECTION



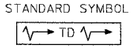
PLAN VIEW

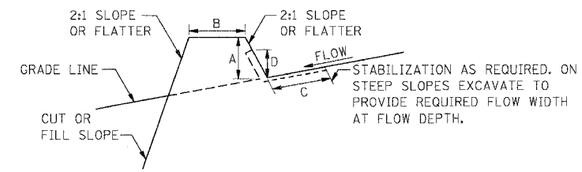
CONSTRUCTION NOTES FOR TEMP. DITCHES

1. ALL TEMPORARY DITCHES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE DITCH.
5. THE DITCH SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
6. ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE DITCH.
7. STABILIZATION SHALL BE AS PER THE CHART TO THE RIGHT:
   A. AGGREGATE DITCH TO BE IN A LAYER AT LEAST 75mm IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
   B. RIPRAP TO BE CLASS 3 IN A LAYER AT LEAST 200mm THICK ABOVE WHAT IS PRESSED INTO THE SOIL
   C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

TEMPORARY DITCH

STANDARD SYMBOL





CROSS SECTION

	DIKE TYPE A (2 ha OR LESS)	DIKE TYPE B (2 - 4ha)
A - DIKE HEIGHT	460mm	1m
B - DIKE WIDTH	600mm	1m
C - FLOW WIDTH	1.2m	1.8m
D - FLOW HEIGHT	200mm	380mm

CONSTRUCTION NOTES

1. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
2. TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
4. FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO MAINTAIN A POSITIVE OUTLET.
5. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
6. STABILIZATION OF AREAS C AND D SHALL BE AS PER SPECIAL PROVISION FOR EROSION AND SEDIMENT CONTROLS. ADDITIONAL STABILIZATION MAY BE REQUIRED FOR STEEPER SLOPES AS SHOWN IN THE CHART BELOW.

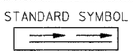
FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	TYPE A (2 ha OR LESS)	TYPE B (2ha - 4ha)
1	0.5%- 5.0%	SEED AND EROSION BLANKET	SEED AND EROSION BLANKET
2	5.1%- 8.0%	CA-3 AGGREGATE	RIPRAP
3	8.1%- 20%	LINED RIPRAP SIZE 100mm-200mm THICKNESS	ENGINEERED DESIGN

NOTE: WHEN THE DRAINAGE AREA BEING CARRIED BY THE MEASURE IS LARGER THAN 4ha THE MEASURE WILL BE SIZED AND STABULIZED BASED ON AN ENGINEERED DESIGN.

DIVERSION DIKE

STANDARD SYMBOL



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL FLOW CHANNEL STABILIZATION DETAIL

SCALE: NONE DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\AB9900ZALDGN 8-18-2005,10:41:10 T:\DOCUMENT\93\T50\CIVIL\DGN\ED170GZALDGN BAUZEKKJ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	196
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

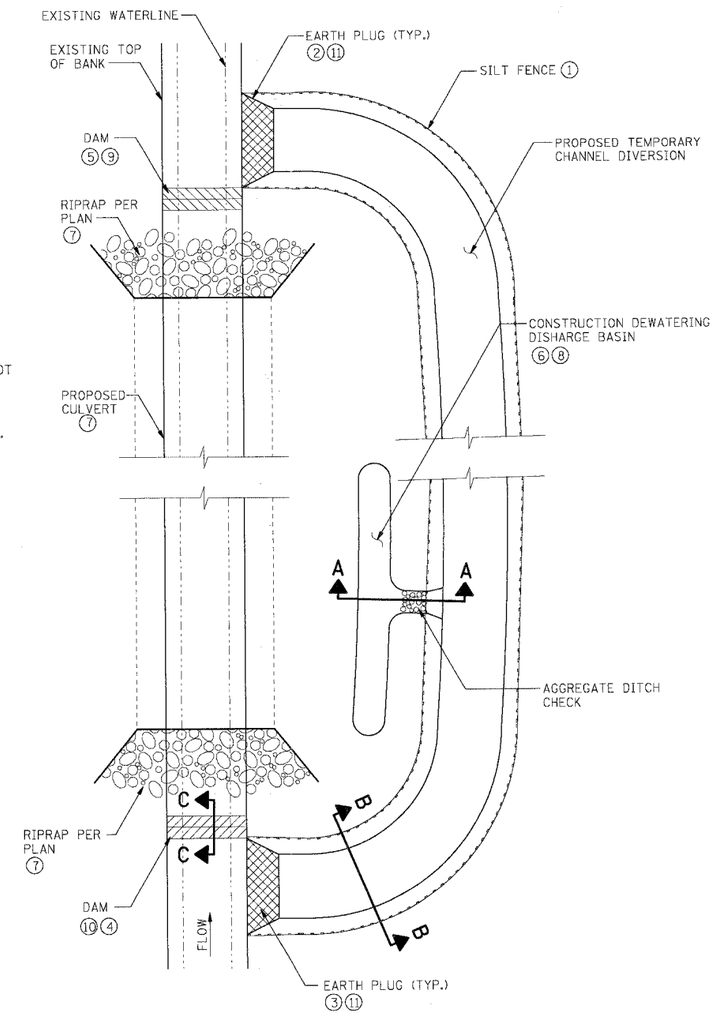
* (2425 & 2626) R-2 CONTRACT NO. 62111

GENERAL NOTES

1. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION SEQUENCE DESCRIBED BELOW.
2. THE NEW CULVERT AND ANY REQUIRED RIPRAP SHALL BE COMPLETED PRIOR TO INITIATING OPENING OF THE CULVERT TO FLOW.

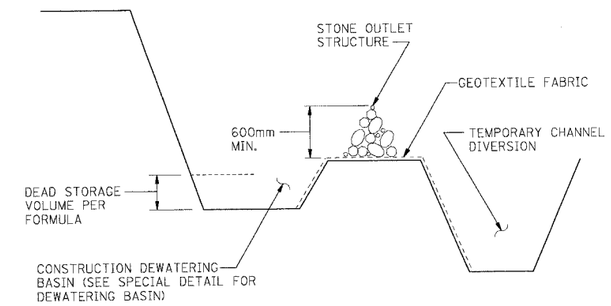
CONSTRUCTION SEQUENCE

1. INSTALL SILT FENCE. EXCAVATE TEMPORARY CHANNEL DIVERSION - DO NOT BREAK THROUGH EXISTING EARTH PLUG AT UPSTREAM AND DOWN STREAM ENDS. LINE CHANNEL WITH GEOTEXTILE FABRIC.
2. EXCAVATE DOWNSTREAM EARTH PLUG, ALLOW WATER LEVELS TO EQUALIZE.
3. EXCAVATE UPSTREAM EARTH PLUG.
4. CONSTRUCT UPSTREAM DAM IN ACCORDANCE WITH DETAIL.
5. CONSTRUCT DOWNSTREAM DAM IN ACCORDANCE WITH DETAIL.
6. CONSTRUCT DEWATERING DISCHARGE BASIN. DEWATER PROPOSED CULVERT LOCATION BY PUMPING INTO DISCHARGE BASIN ONLY.
7. CONSTRUCT PROPOSED CULVERT AND ANY REQUIRED STABILIZATION BOTH UPSTREAM AND DOWNSTREAM, INCLUDING CHANNEL TRANSITIONS.
8. REMOVE (FILL) DEWATERING DISCHARGE BASIN.
9. REMOVE DOWNSTREAM DAM, ALLOW WATER LEVELS TO EQUALIZE.
10. REMOVE UPSTREAM DAM.
11. CONSTRUCT EARTH PLUGS, UTILIZE SALVAGED RIPRAP FROM DAMS.
12. FILL CHANNEL PER EMBANKMENT SPECIFICATIONS.

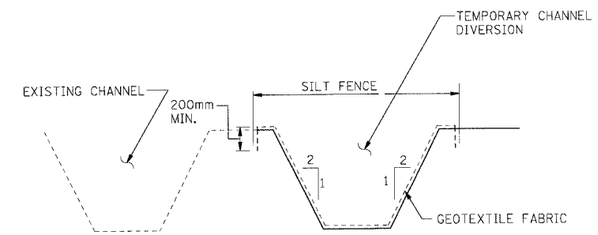


TEMPORARY CHANNEL DIVERSION

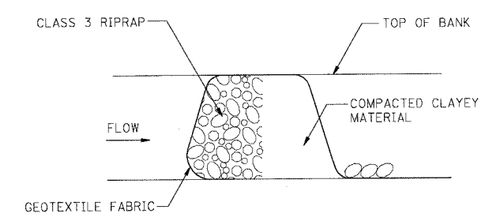
TYPICAL DRAWING



SECTION A-A

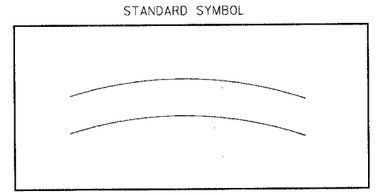


SECTION B-B



SECTION C-C

STANDARD SYMBOL



REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL TEMPORARY CHANNEL DIVERSION DETAIL

SCALE: NONE DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

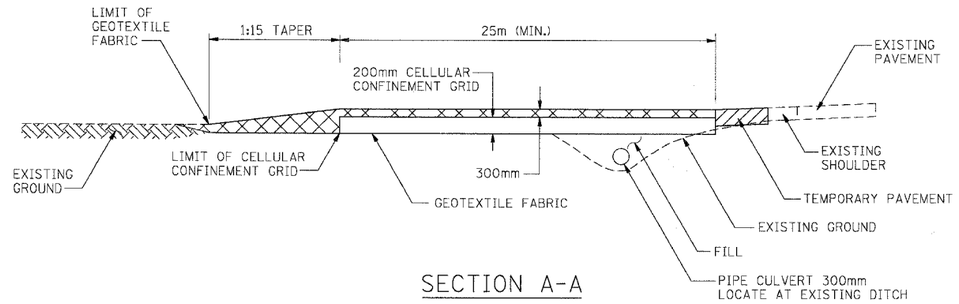
TENG

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

..\A89900I2A.DGN T:\DOCUMENT\93750\CIVIL\DGN\ED70I2A.DGN BAJZEKJ
8-18-2005,10:46:10
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.
80/94	*	COOK	631	197
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

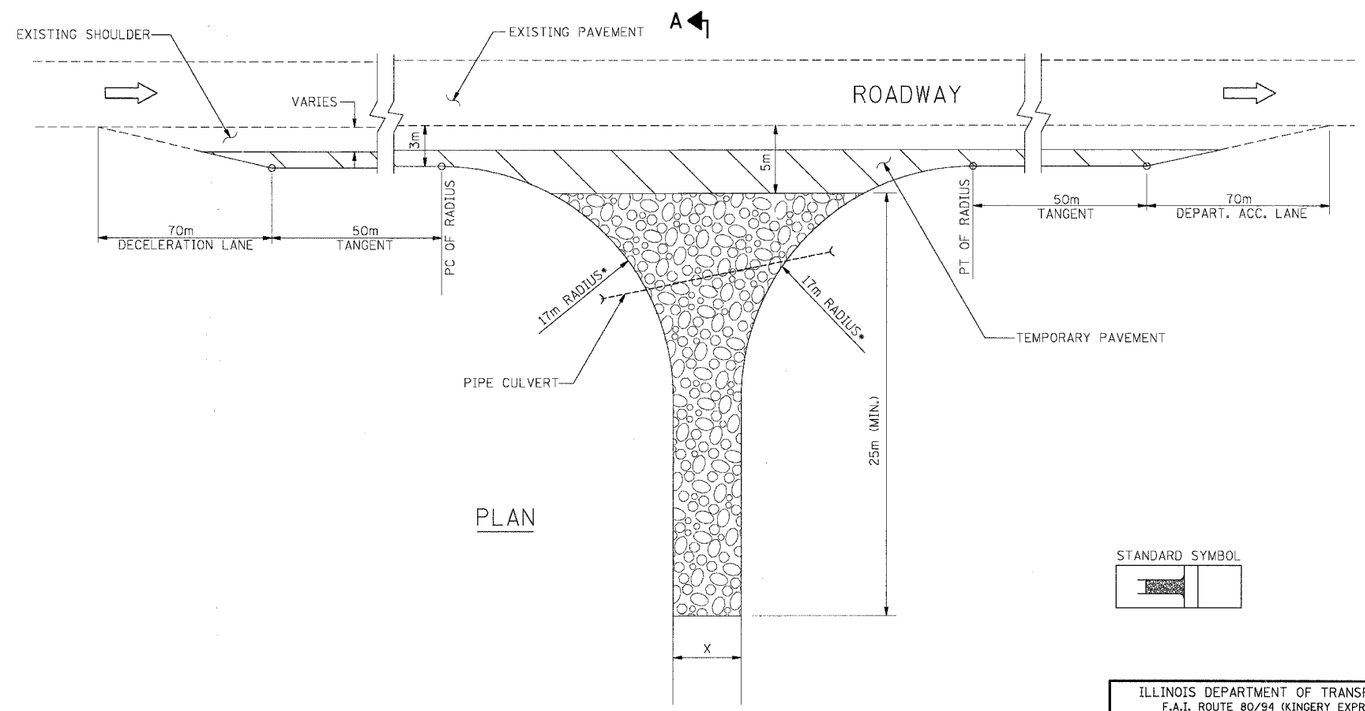
* (2425 & 2626) R-2 CONTRACT NO. 62111



SECTION A-A

CONSTRUCTION SPECIFICATIONS AND NOTES

1. STABILIZED CONSTRUCTION ENTRANCE
   A. LENGTH - AS REQUIRED, BUT NOT LESS THAN 25 METERS.
   B. THICKNESS - NOT LESS THAN 100mm, ABOVE TOP OF CELLULAR CONFINEMENT GRID.
2. TEMPORARY PAVEMENT
   A. PROVIDE A MINIMUM WIDTH OF 3.0m OF SHOULDER AND TEMPORARY PAVEMENT FOR DECELERATION/ACCELERATION LANE.
   B. TEMPORARY PAVEMENT THICKNESS SHALL BE 200 mm.
   C. A 2.0m, APRON SHALL BE PROVIDED IN ADDITION TO 3.0m WIDTH.
3. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
4. STABILIZED CONSTRUCTION ENTRANCES SHALL NOT BE PLACED DIRECTLY ACROSS FROM EACH OTHER.
5. EXISTING DITCH DRAINAGE TO BE MAINTAINED.
6. GRADE FILL TO 1:10 ON APPROACH SIDE OF ENTRANCE



PLAN

STANDARD SYMBOL

STABILIZED CONSTRUCTION ENTRANCE LOCATION

LOCATION	STATION	TYPE
RAILROAD AVE	300+103	2 WAY
RAILROAD AVE	300+012	2 WAY
BURNHAM AVE	60+155.48	2 WAY
BURNHAM AVE	59+818.69	2 WAY

LEGEND

TEMPORARY PAVEMENT

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE

X = 5m TWO WAY
3.6m ONE WAY

* ON ONE WAY STABILIZED CONSTRUCTION ENTRANCES THE MAJOR MOVEMENT RADIUS SHALL BE 17 METERS. THE MINOR RADIUS AS CALLED OUT ON THE PLAN BUT NOT LESS THAN 3m ALSO, THE UNNECESSARY TAPER AND TANGENT WILL NOT BE BUILT.

REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL STABILIZED CONSTRUCTION ENTRANCE

SCALE:NONE
DATE: 8/22/05
DRAWN BY: SN
CHECKED BY: MD

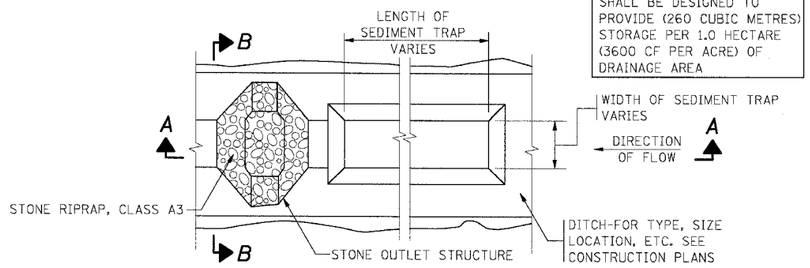
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\AB99002ALDGN 8-18-2005, 10:14:11 T:\DOCUMENT\93175D\CIVIL\DGN\D70172ALDGN BAJZEKKJ

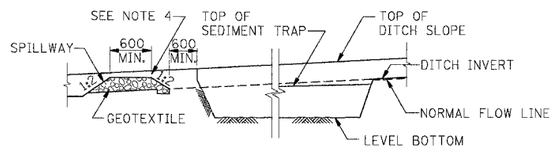
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	198
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

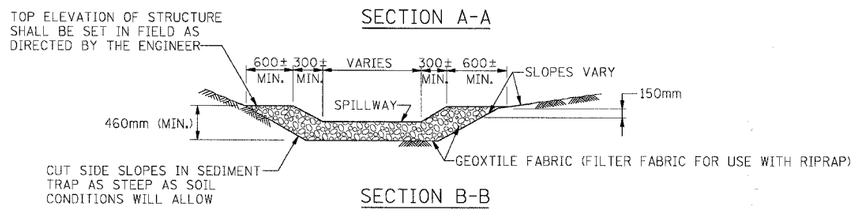
NOTE: ALL SEDIMENT TRAPS SHALL BE DESIGNED TO PROVIDE (260 CUBIC METRES) STORAGE PER 1.0 HECTARE (3600 CF PER ACRE) OF DRAINAGE AREA



PLAN



SECTION A-A



SECTION B-B

1. USE IN EXISTING, PROPOSED AND TEMPORARY DITCHES OF ALL TYPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

2. THE STONE OUTLET STRUCTURES SHALL BE REPLACED DUE TO WASHOUT, CONSTRUCTION TRAFFIC DAMAGE OR SILT ACCUMULATION. THE SILT SHALL BE CLEANED WHEN THE TRAP IS 50% FULL.

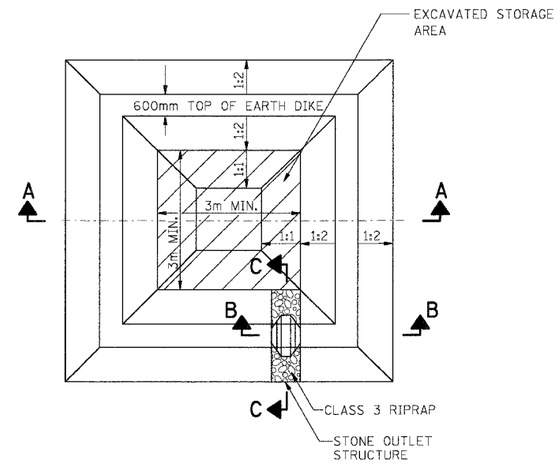
3. A 200mm LAYER OF RIPRAP WILL BE PLACED AGAINST THE UPSTREAM FACE OF THE TEMPORARY STONE OUTLET STRUCTURE.

STONE OUTLET STRUCTURE SEDIMENT TRAP

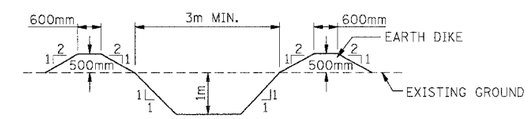
STANDARD SYMBOL

DRAINAGE AREA	L	W	CAPACITY CM
0.2ha	23m	3m	53
0.4ha	44m	3m	103
0.6ha	44m	4.6m	154
0.80ha	60m	4.6m	207

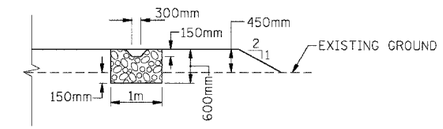
NOTE:
ALL DIMENSIONS ARE BASED UPON AN AVERAGE DEPTH OF 760mm AND PROVIDING, AS A MINIMUM 102 CUBIC METRES OF STORAGE PER Ha OF RUNOFF. L AND W ARE MEASURED ALONG THE BOTTOM OF THE TRAP. WHENEVER POSSIBLE, THE MAXIMUM AVERAGE DEPTH THE TRAP WILL BE 760mm. THE MAXIMUM DRAINAGE ARE ALLOWED PER TRAP IS 2Ha. THE DRAINAGE AREA IS THE TOTAL (INCLUDING OFF-SITE) AREA.



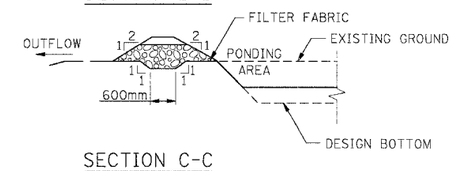
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

NOTES:

1. ANY DEWATERING OF THE CONSTRUCTION AREA SHALL BE FILTERED THROUGH A DEWATERING BASIN PRIOR TO ENTERING THE WATERWAY.

2. PUMPING INTO THESE BASINS SHALL CEASE WHEN THE EFFLUENT FROM THE BASIN BECOMES SEDIMENT LADEN. THE BASIN MAY BE BYPASSED IF THE WATER BEING PUMPED IS NON SEDIMENT LADEN AND THERE IS A STABILIZED OUTFALL. SURFACE FLOWS SHALL BE DIVERTED AROUND THE DEVICE.

3. THE DEWATERING BASIN SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 1m WITH A FLAT BOTTOM.

4. ONCE THE DEWATERING BASIN BECOMES FILLED TO ½ OF THE EXCAVATED DEPTH, ACCUMULATED SEDIMENT SHALL BE REMOVED.

5. THE OUTFALL FROM THE BASIN(S) SHALL HAVE A STABILIZED CONVEYANCE TO RECEIVING WATERS.

6. THE VOLUME OF THE CONSTRUCTION DEWATERING DISCHARGE BASIN (DEAD STORAGE) SHALL BE A MINIMUM OF THE DEWATERING PUMPS CAPACITY 0.12 x (PUMP RATE IN LITERS/MINUTE) = VOLUME (CU. M.) (16 x (PUMP RATE IN GAL/MINUTE = VOLUME (C.F.)

DEWATERING BASINS

STANDARD SYMBOL

DB

REVISIONS	
NAME	DATE

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

EROSION AND SEDIMENT CONTROL STONE OUTLET STRUCTURE SEDIMENT TRAP

SCALE: NONE DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

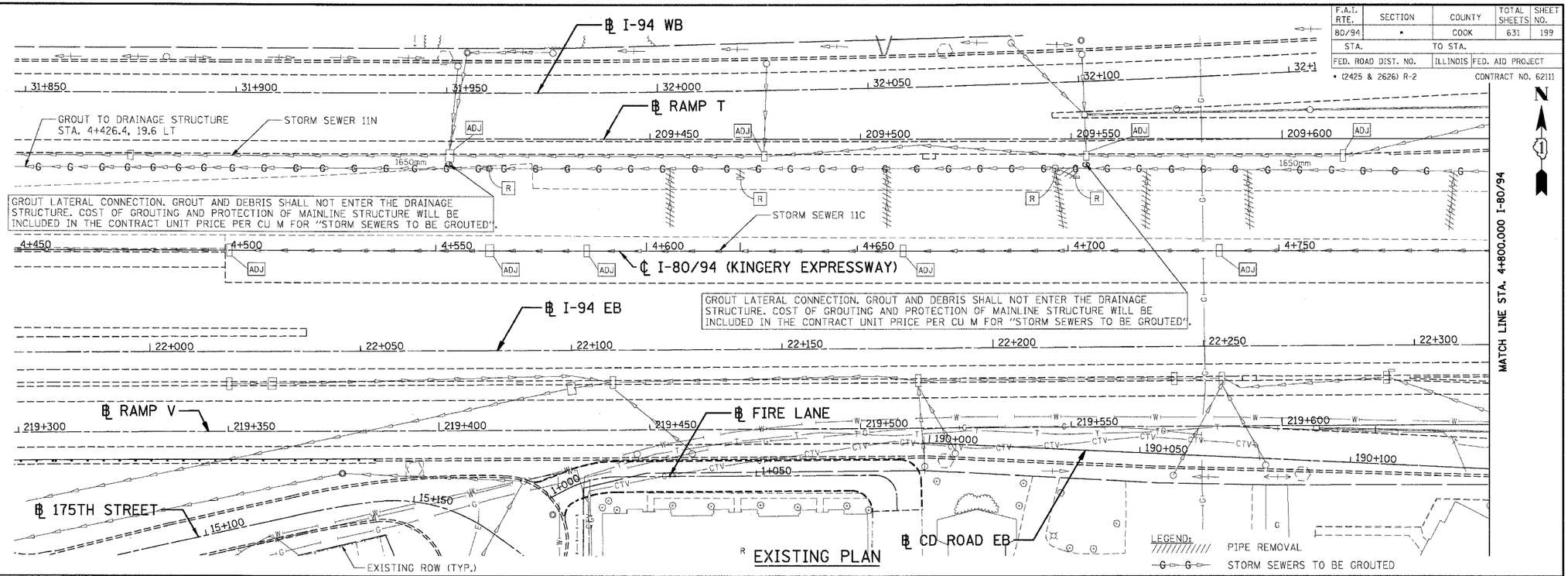
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

..\A399C02A.DGN T:\DOCUMENT\93170\CIVIL\DGN\ED70192A.DGN BAUZEKKJ
8-18-2005, 08:48
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

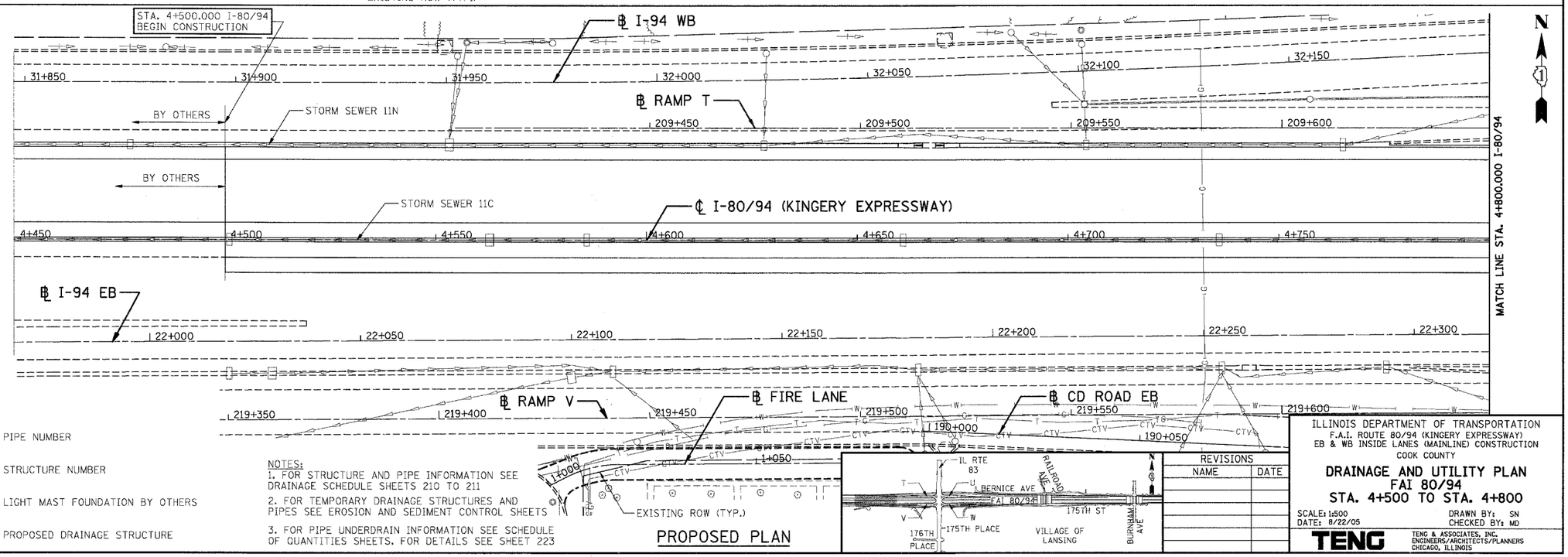
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	199
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2

CONTRACT NO. 62111



EXISTING PLAN



PROPOSED PLAN

LEGEND:

- (1000) PIPE NUMBER
- (1030) STRUCTURE NUMBER
- LIGHT MAST FOUNDATION BY OTHERS
- PROPOSED DRAINAGE STRUCTURE

NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULE SHEETS 210 TO 211
2. FOR TEMPORARY DRAINAGE STRUCTURES AND PIPES SEE EROSION AND SEDIMENT CONTROL SHEETS
3. FOR PIPE UNDERDRAIN INFORMATION SEE SCHEDULE OF QUANTITIES SHEETS. FOR DETAILS SEE SHEET 223

REVISIONS	
NAME	DATE

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

DRAINAGE AND UTILITY PLAN
FAI 80/94
STA. 4+500 TO STA. 4+800

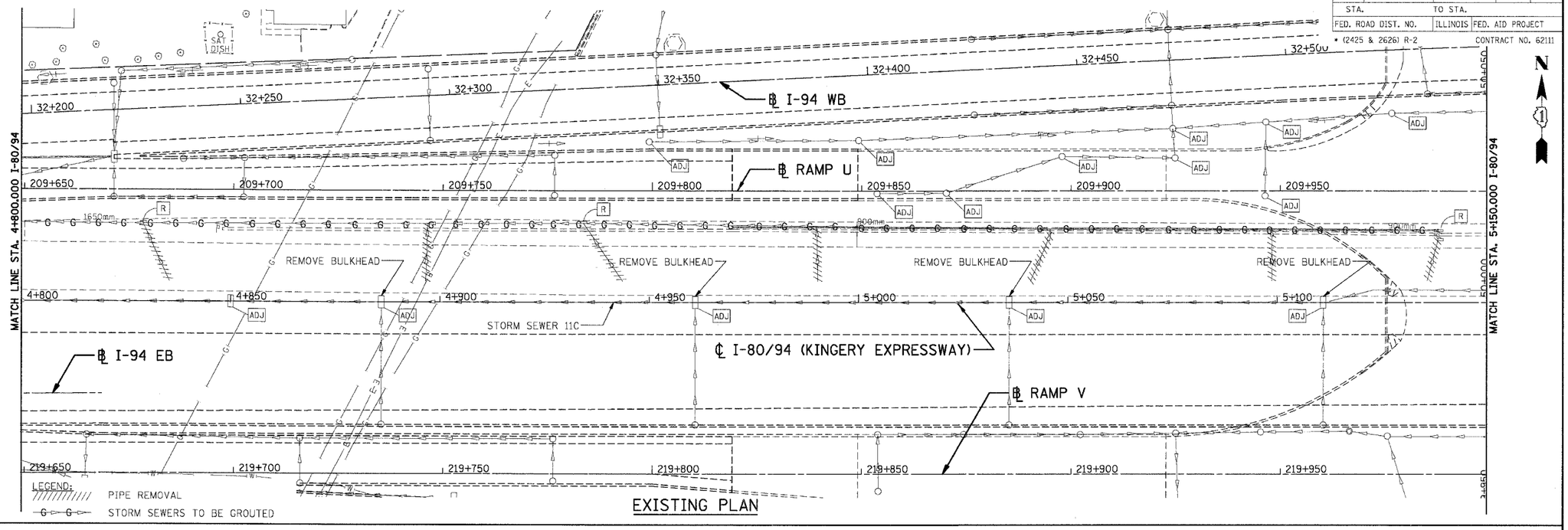
SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

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

..\NR170022A.DGN, ..\NR170012A.DGN, ..\NR170022A.DGN, ..\NR170032A.DGN, ..\NR170012A.DGN, ..\PR170012A.DGN, ..\PR190012A.DGN, ..\NR170012A.DGN, ..\NR170022A.DGN, ..\NR170062A.DGN, ..\NR170012A.DGN, ..\
8-18-2005, 10:42:25 BAJZEKKJ
T:\DOCUMENT\1517501\CVE\DGN\DU170012A.DGN 575659 6061 63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	200
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

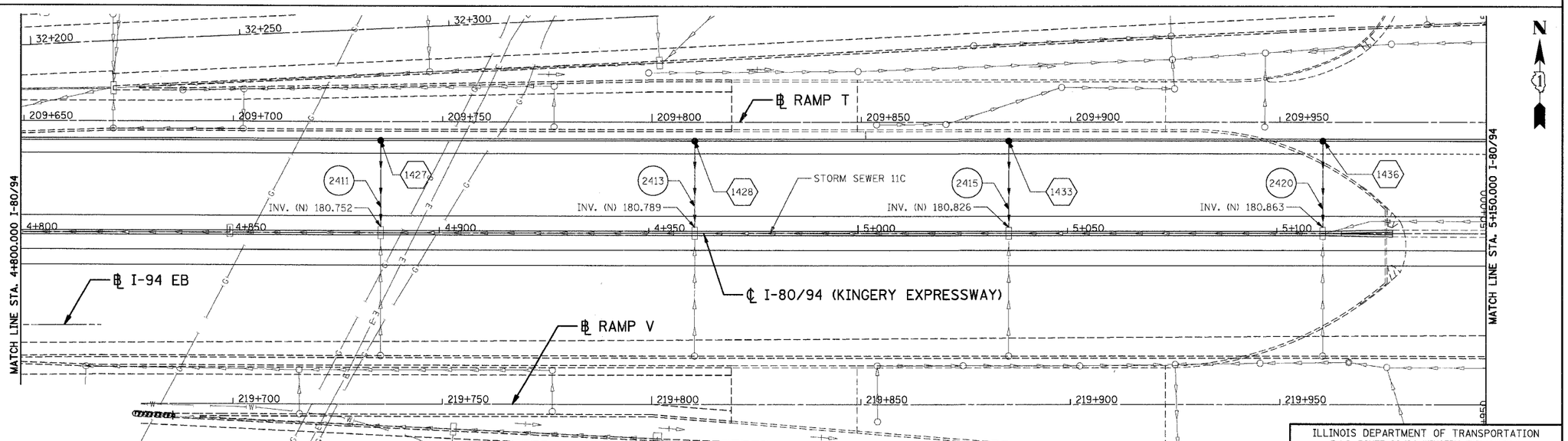


LEGEND:

PIPE REMOVAL

STORM SEWERS TO BE GROUTED

EXISTING PLAN



LEGEND:

1000 PIPE NUMBER

1030 STRUCTURE NUMBER

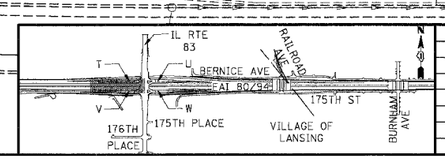
LIGHT MAST FOUNDATION BY OTHERS

PROPOSED DRAINAGE STRUCTURE

NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULE SHEETS 210 TO 211
2. FOR TEMPORARY DRAINAGE STRUCTURES AND PIPES SEE EROSION AND SEDIMENT CONTROL SHEETS
3. FOR PIPE UNDERDRAIN INFORMATION SEE SCHEDULE OF QUANTITIES SHEETS. FOR DETAILS SEE SHEET 223

PROPOSED PLAN



REVISIONS	
NAME	DATE

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

DRAINAGE AND UTILITY PLAN
FAI 80/94
STA. 4+800 TO STA. 5+150

SCALE: 1:500 DRAWN BY: SN
DATE: 8/22/05 CHECKED BY: MD

TENG

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

..\DR170022A.DGN, ..\DR170022A.DGN, ..\DR170022A.DGN, ..\DR170032A.DGN, ..\DR170032A.DGN, ..\DR170062A.DGN, ..\DR170002A.DGN, ..\DR170002A.DGN, ..\PB99002A.DGN, ..\PB99002A.DGN, ..\
8-18-2005, 10:44:27 BAJZEKKJ
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 63
!:\DOCUMENT\IDOT\CIVIL\DGN\DUFT032A.DGN