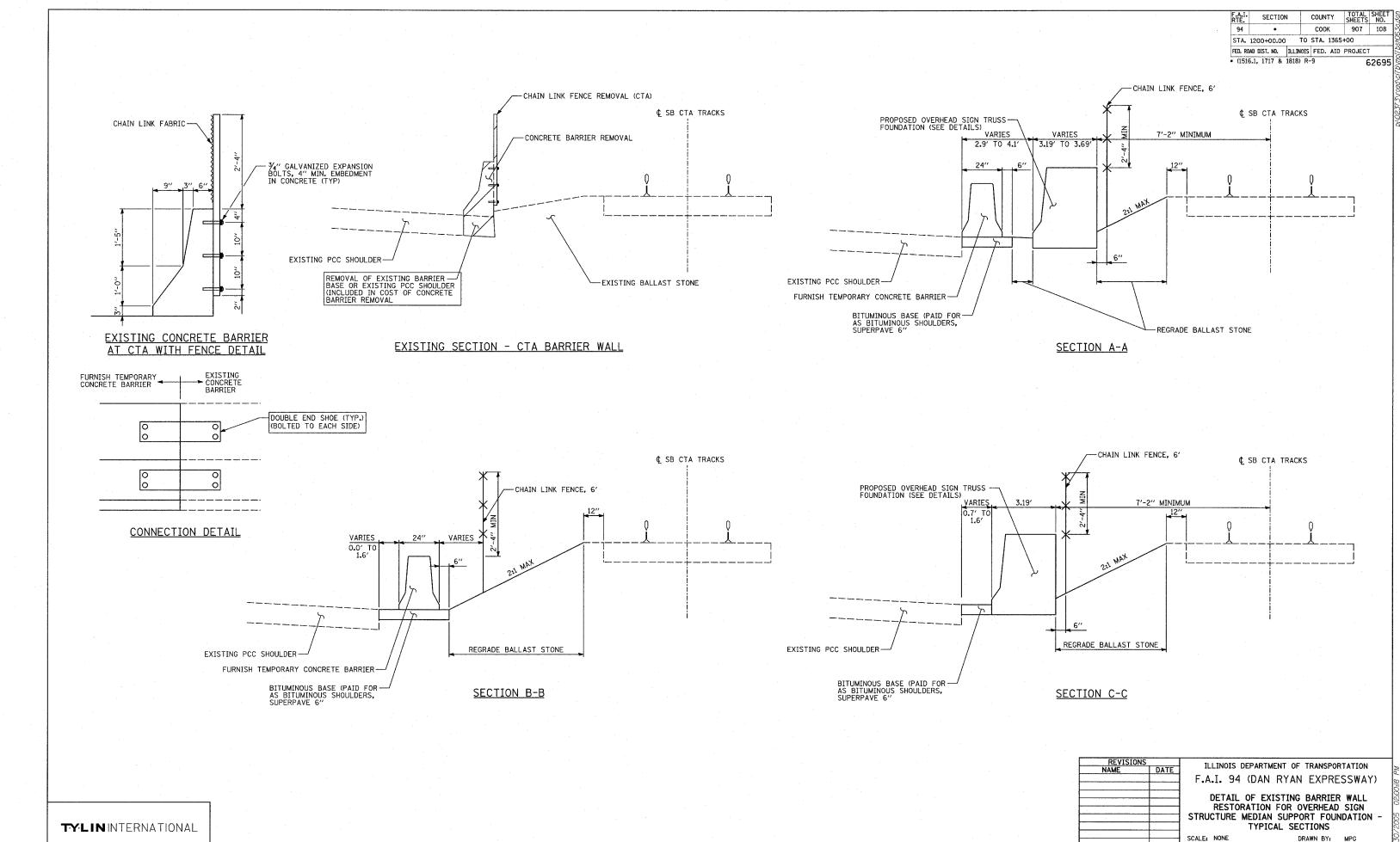


 TYPICAL PLAN VIEWS

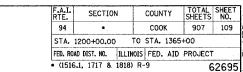
 SCALE:
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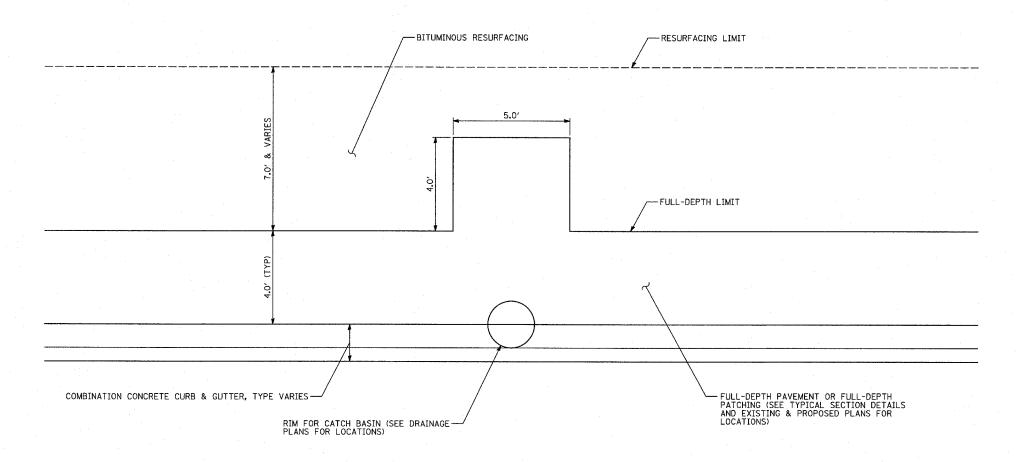
 DATE:
 MARCH 25, 2005
 CHECKED BY:
 TGB



DATE: MARCH 25, 2005

CHECKED BY: TGB





NOTE: LOCATION OF ADDITIONAL PAVEMENT IN RELATION TO CATCH BASIN LOCATION IS DETERMINED BY THE ORIENTATION OF THE EXISTING SEWER UNDER THE FRONTAGE ROAD.

ACTUAL DIMENSIONS ARE TO BE DETERMINED BY THE RESIDENT ENGINEER ON A CASE BY CASE BASIS.

ONS	REVISIONS		TI
	NAME D	ATE	11
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ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

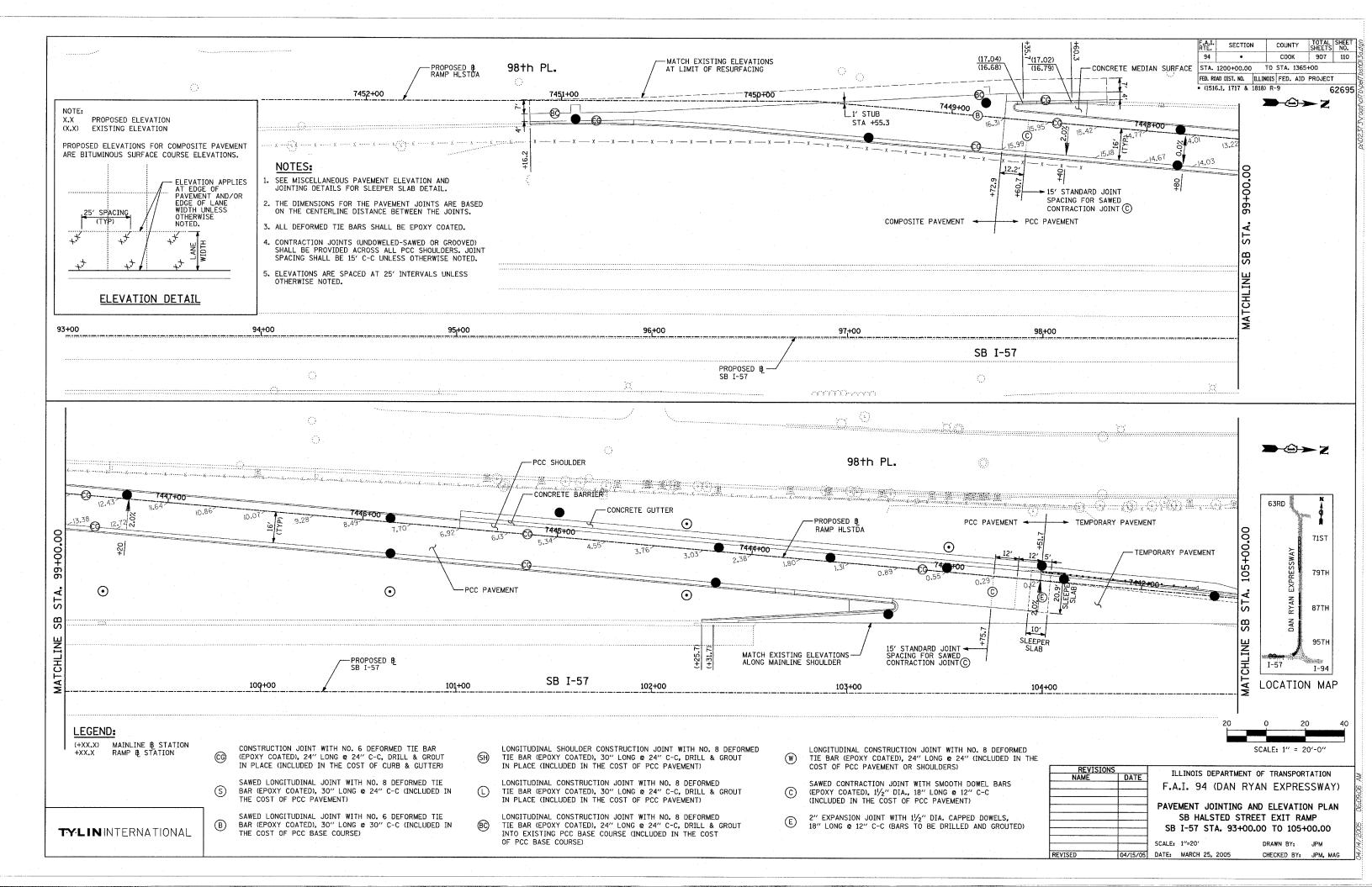
DETAIL OF ADDITIONAL PAVEMENT REMOVAL AND REPLACEMENT FOR SEWER INSTALLATION

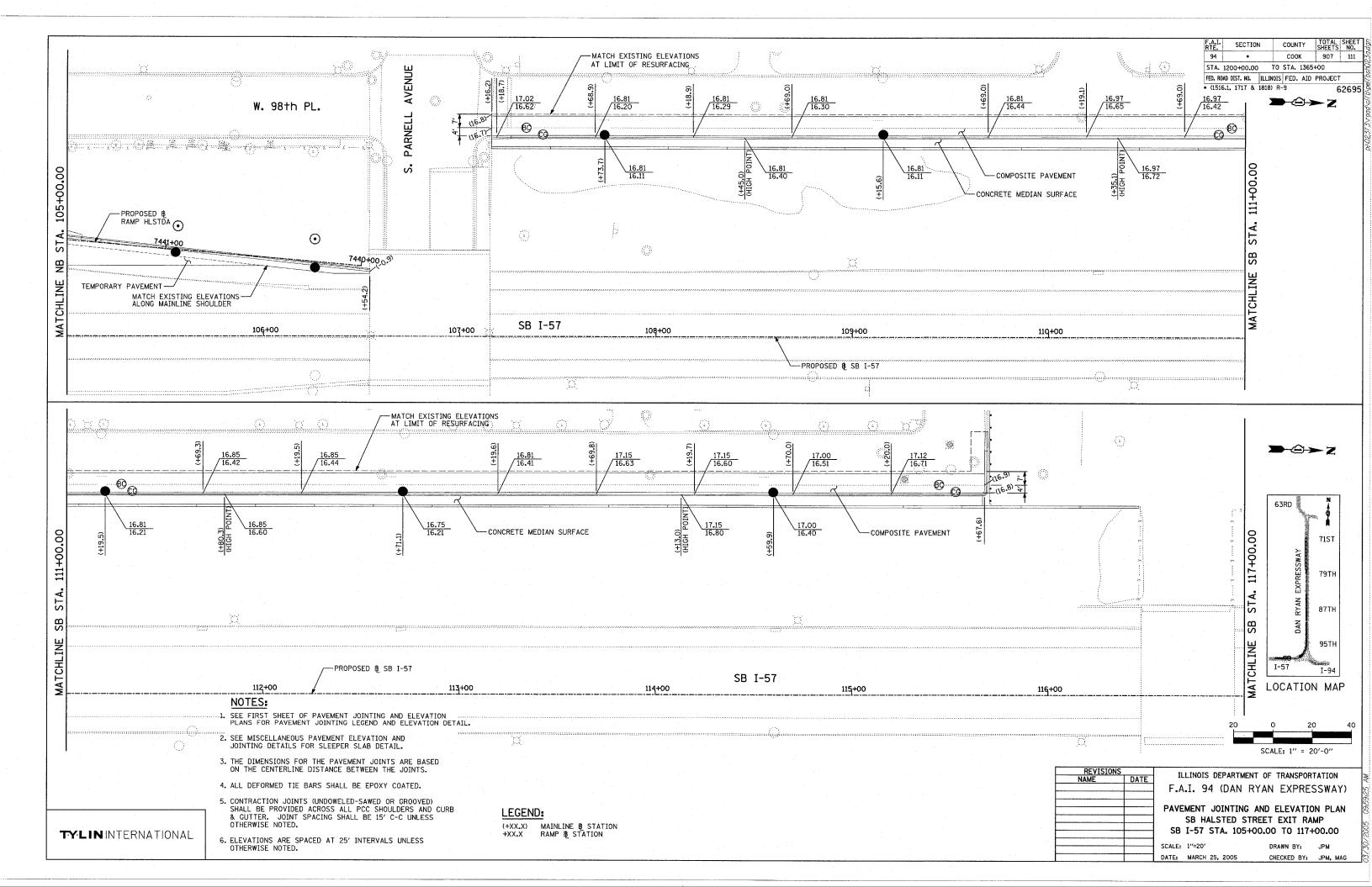
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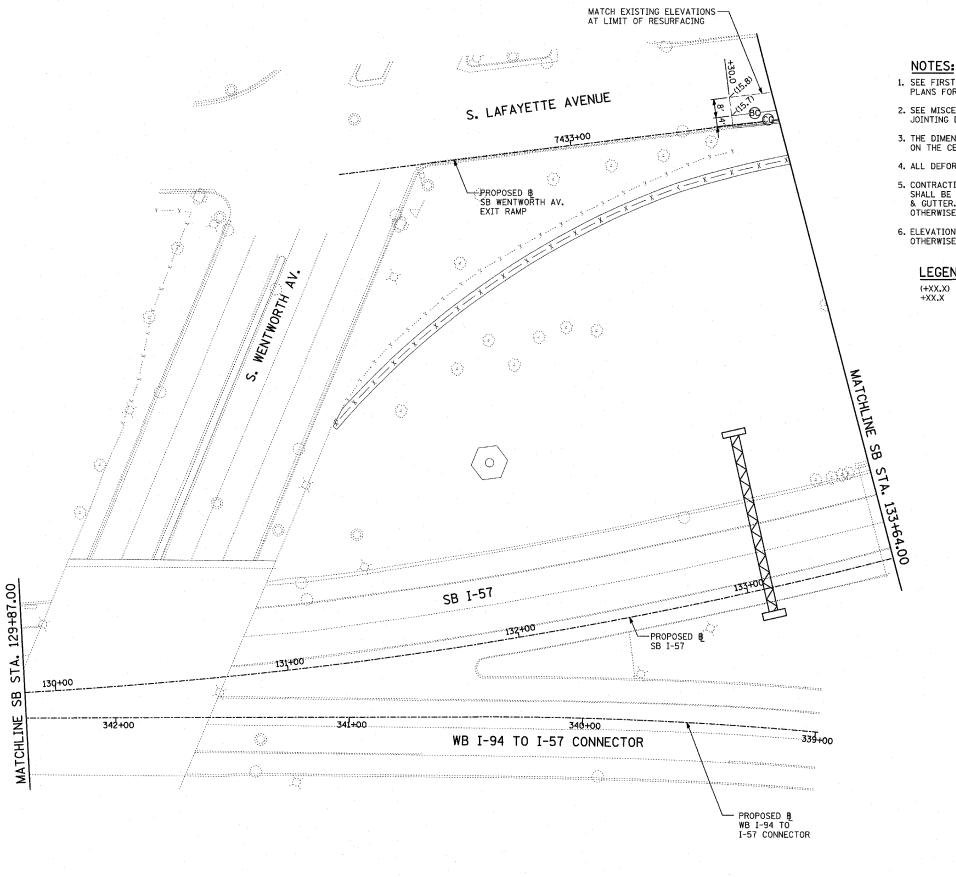
DRAWN BY: MPG

TYLIN INTERNATIONAL

DATE: MARCH 25, 2005 CHECKED BY: TGB







TYLIN INTERNATIONAL

SECTION COUNTY COOK 907 112 94 STA. 1200+00.00 TO STA. 1365+00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT * (1516.1, 1717 & 1818) R-9 62695

- SEE FIRST SHEET OF PAVEMENT JOINTING AND ELEVATION PLANS FOR PAVEMENT JOINTING LEGEND AND ELEVATION DETAIL.
- 2. SEE MISCELLANEOUS PAVEMENT ELEVATION AND JOINTING DETAILS FOR SLEEPER SLAB DETAIL.
- 3. THE DIMENSIONS FOR THE PAVEMENT JOINTS ARE BASED ON THE CENTERLINE DISTANCE BETWEEN THE JOINTS.
- 4. ALL DEFORMED TIE BARS SHALL BE EPOXY COATED.
- 5. CONTRACTION JOINTS (UNDOWELED-SAWED OR GROOVED)
 SHALL BE PROVIDED ACROSS ALL PCC SHOULDERS AND CURB
 & GUTTER. JOINT SPACING SHALL BE 15' C-C UNLESS
 OTHERWISE NOTED.
- 6. ELEVATIONS ARE SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.

LEGEND:

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION

63RD	N A
<u>.</u>]	71ST
EXPRESSWA)	79TH
DAN RYAN	87TH
J	95TH
I-57	I-94

LOCATION MAP

20	o o	20	4
	SCALE: 1	" = 20'-0"	

REVISIONS NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)
	-	PAVEMENT JOINTING AND ELEVATION PLAN SB WENTWORTH AVENUE EXIT RAMP SB I-57 STA. 129+87.00 TO 133+64,00

SCALE: 1"=20" DATE: MARCH 25, 2005 DRAWN BY: JPM CHECKED BY:

COUNTY TOTAL SHEET NO.

COOK 907 113 SECTION STA. 1200+00,00 TO STA. 1365+00 FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT • (1516.1, 1717 & 1818) R-9 62 62695

LEGEND:

(3)

25' (TYP)

0

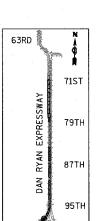
PROPOSED B SB I-57

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION

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NOTES:

- 1. SEE FIRST SHEET OF PAVEMENT JOINTING AND ELEVATION PLANS FOR PAVEMENT JOINTING LEGEND AND ELEVATION DETAIL.
- 2. SEE MISCELLANEOUS PAVEMENT ELEVATION AND JOINTING DETAILS FOR SLEEPER SLAB DETAIL.
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- 6. ELEVATIONS ARE SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.



LOCATION MAP

I-57

SCALE: 1" = 20'-0"

1	REVISIONS		
	NAME	DATE	
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	REVISED	04/15/05	DATI

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)

AVEMENT JOINTING AND ELEVATION PLAN SB WENTWORTH AVENUE EXIT RAMP SB I-57 STA. 133+64.00 TO 137+90.00

LE: 1"=20" E: MARCH 25, 2005

DRAWN BY: JPM CHECKED BY: JPM, MAG

TYLININTERNATIONAL

MATCHLINE NB STA, 133+64.00

- MATCH EXISTING ELEVATIONS AT LIMIT OF RESURFACING

PROPOSED & SB WENTWORTH AV. EXIT RAMP

7432+00 (0, 60

S. LAFAYETTE AV.

STA +69.2

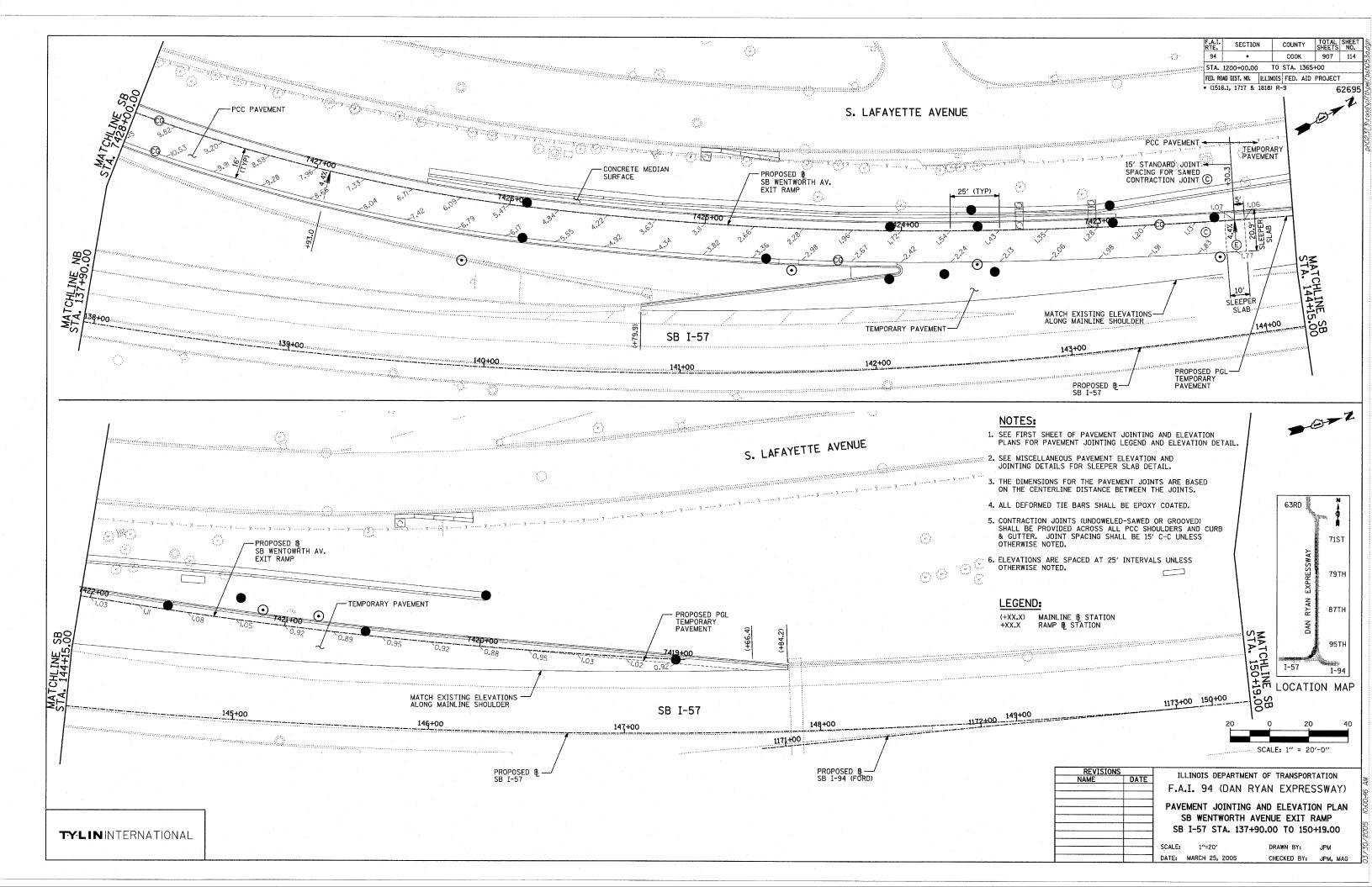
COMPOSITE PAVEMENT

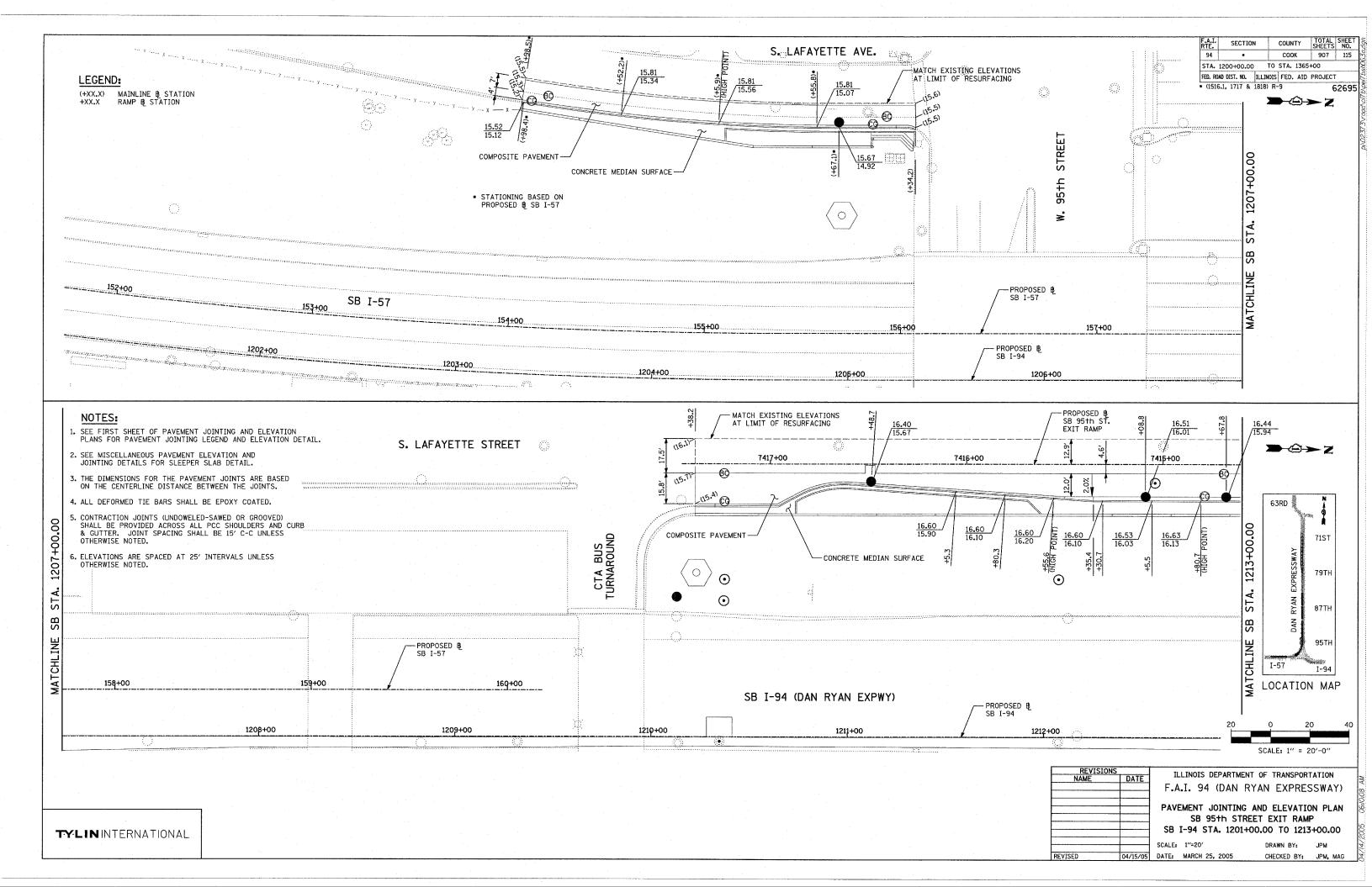
COMPOSITE-PAVEMENT

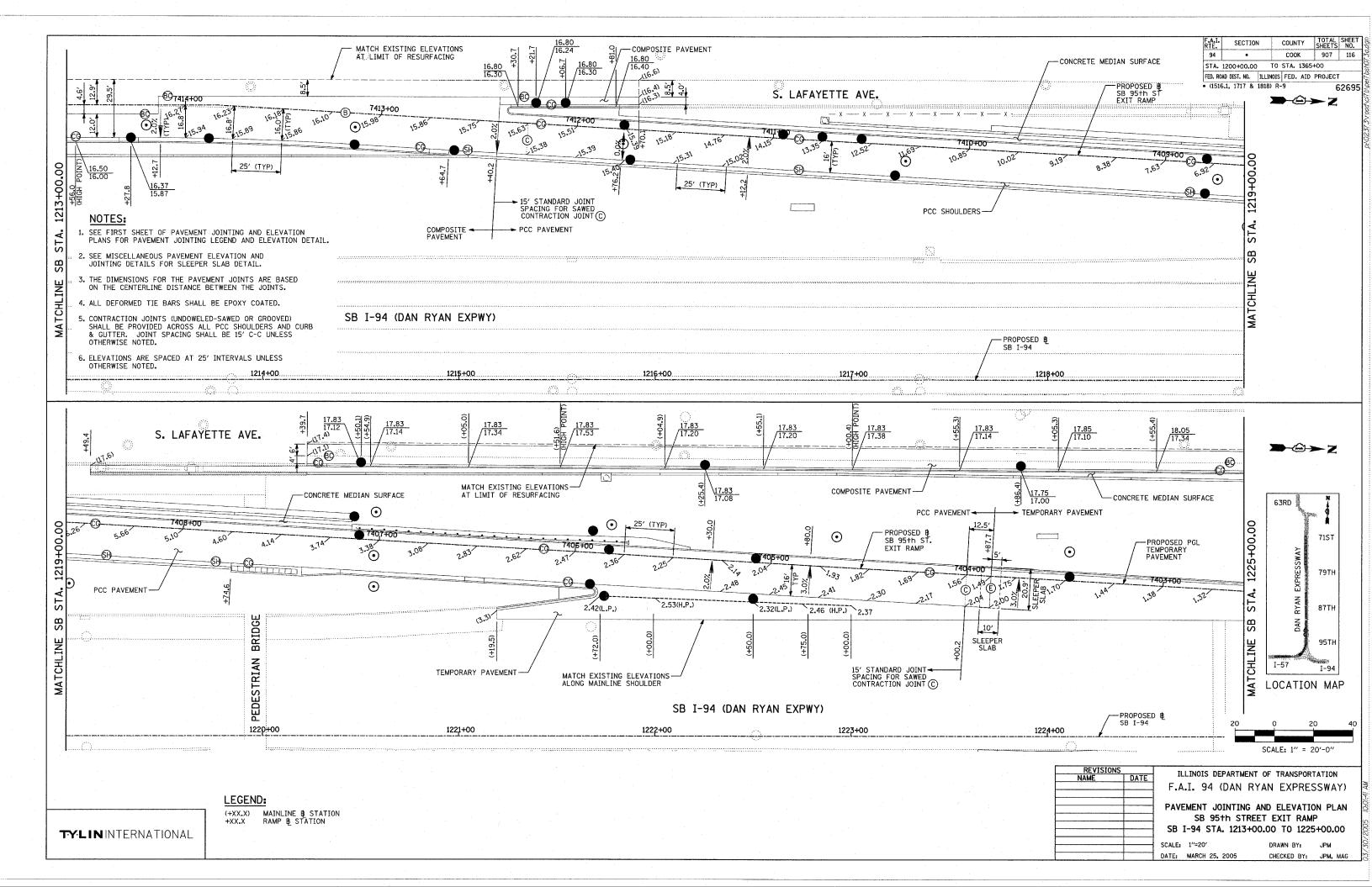
PCC PAVEMENT

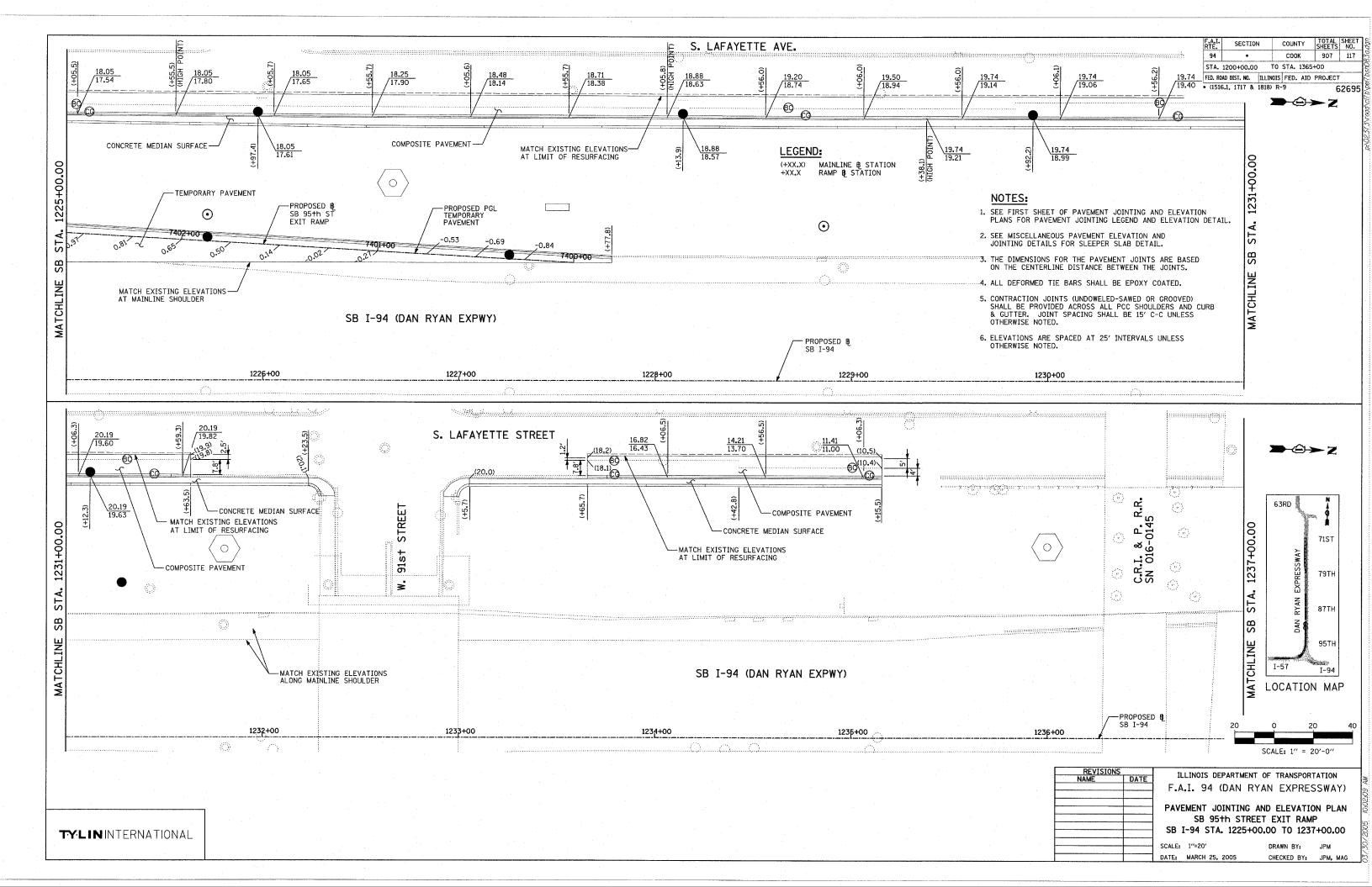
SB I-57

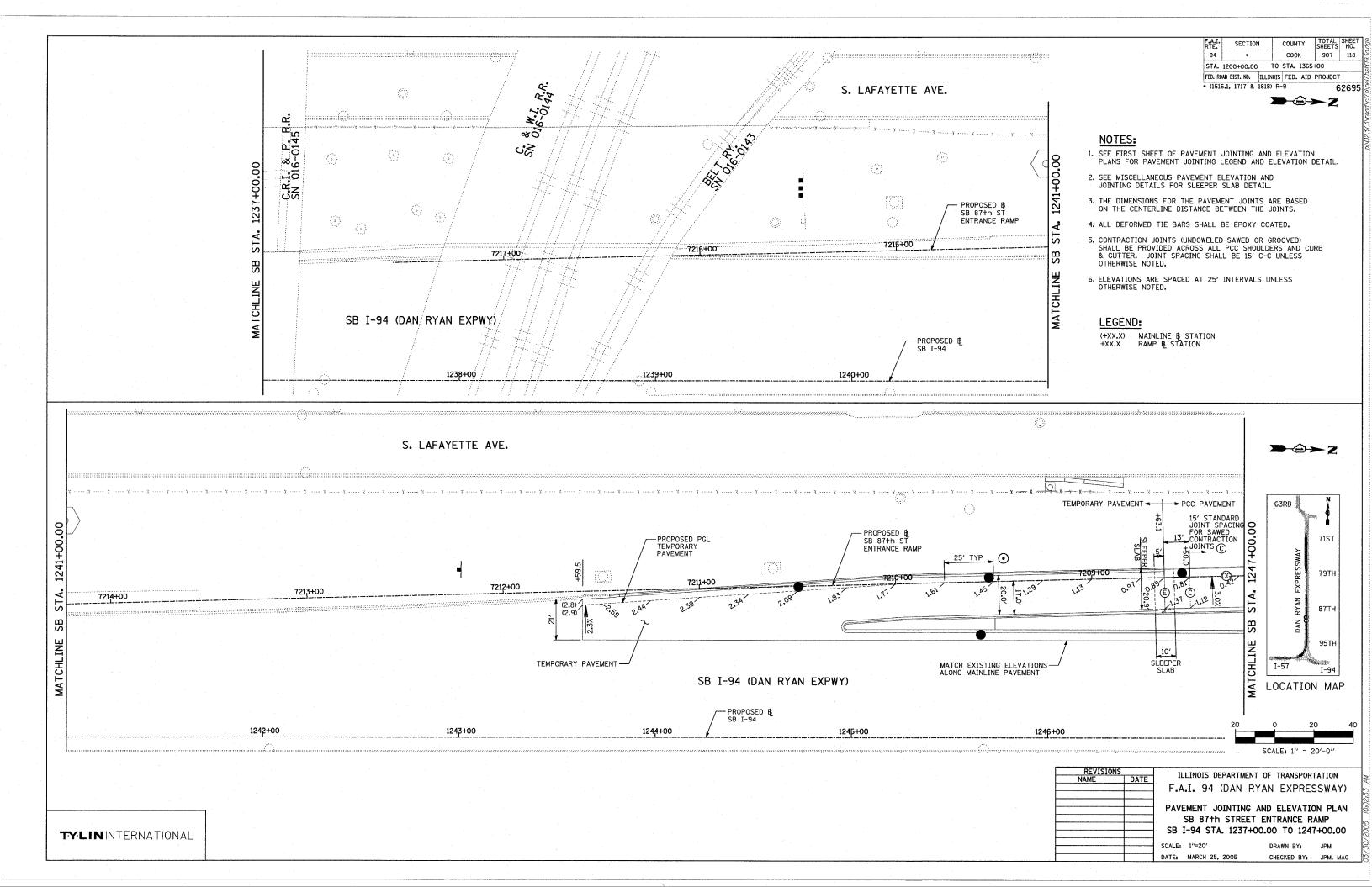
15' STANDARD JOINT SPACING FOR SAWED CONTRACTION JOINTS ©

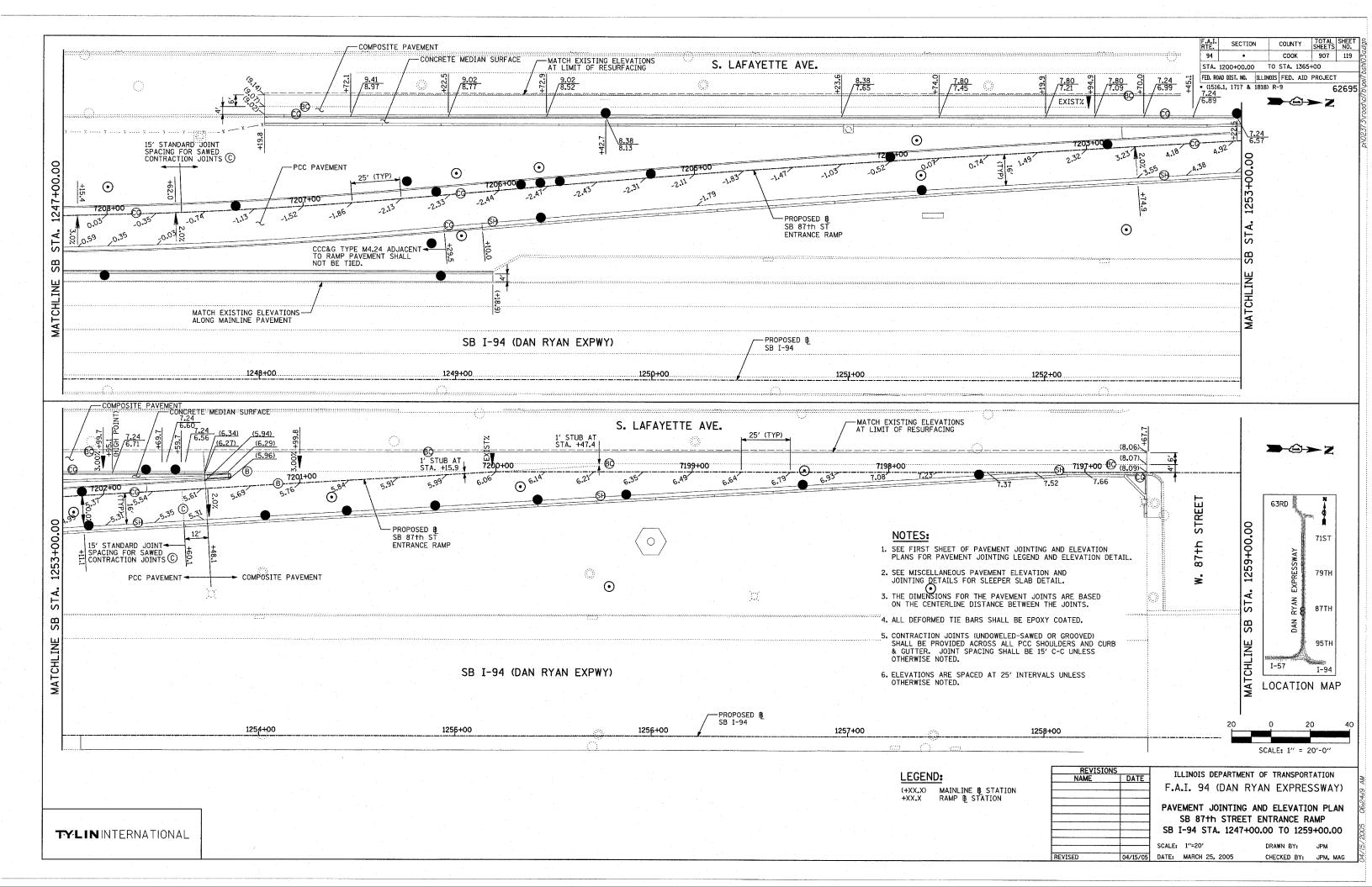


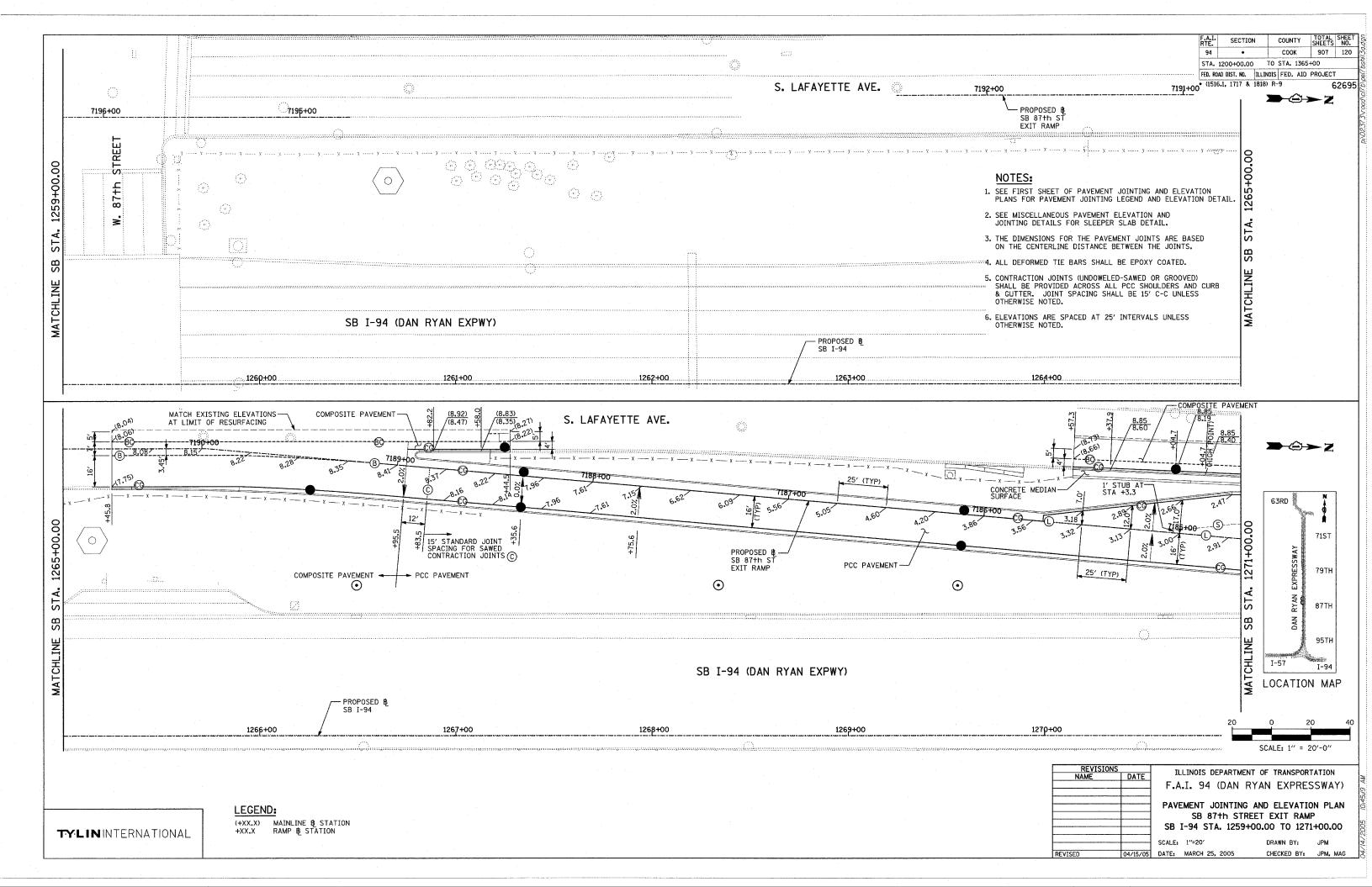


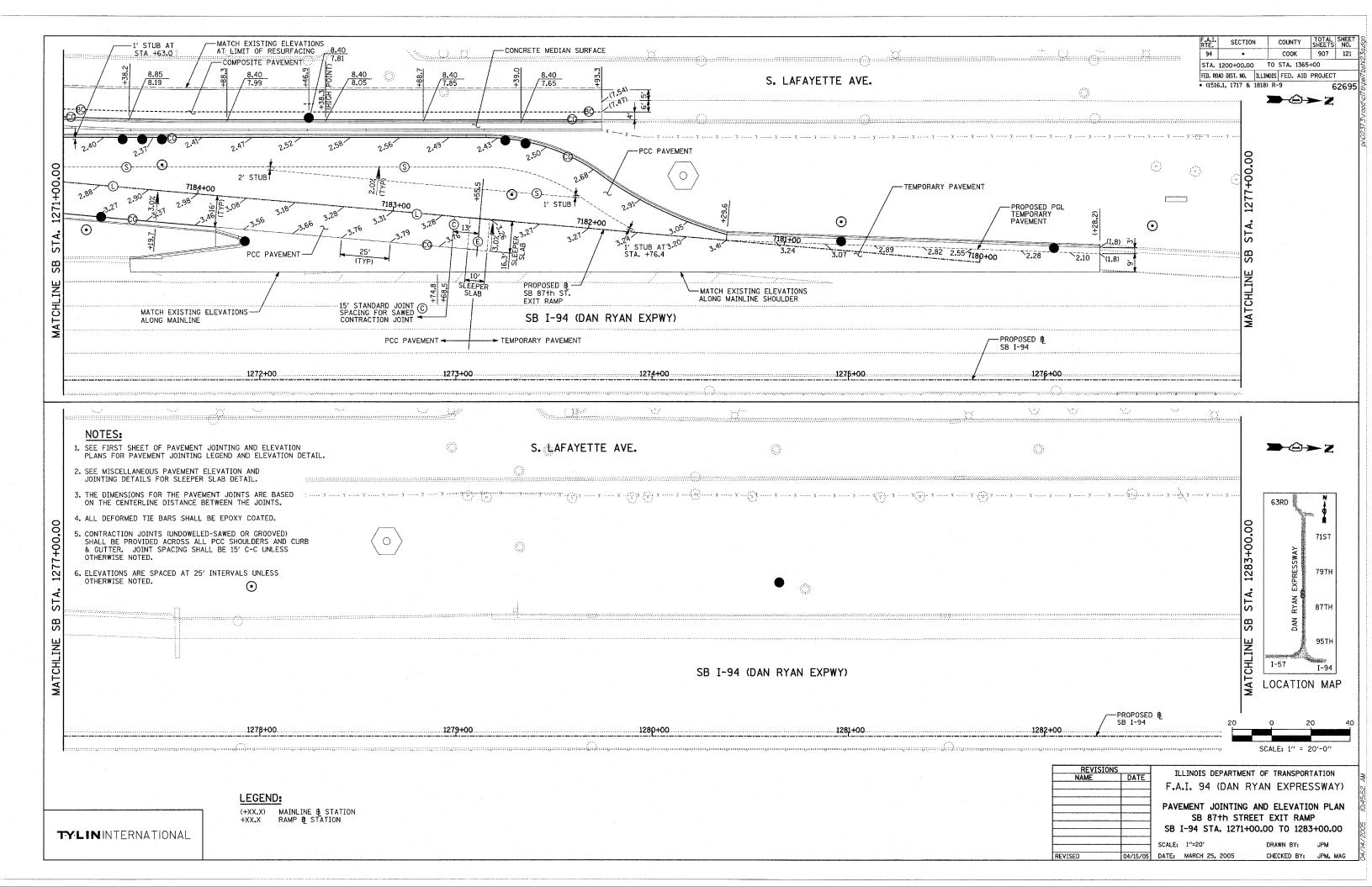












F.A.I. RTE.	SECTIO	V	COUN	ΤΥ	TOTAL	SHEET NO.
94	*		COO	<	907	122
STA.	1200+00.00	T0	STA.	1365	+00	
FED. RO	AD DIST. NO.	ILLINOIS	FED.	AID	PROJEC	Т
* (151	5.1, 1717 &	1818) R-	9			62695

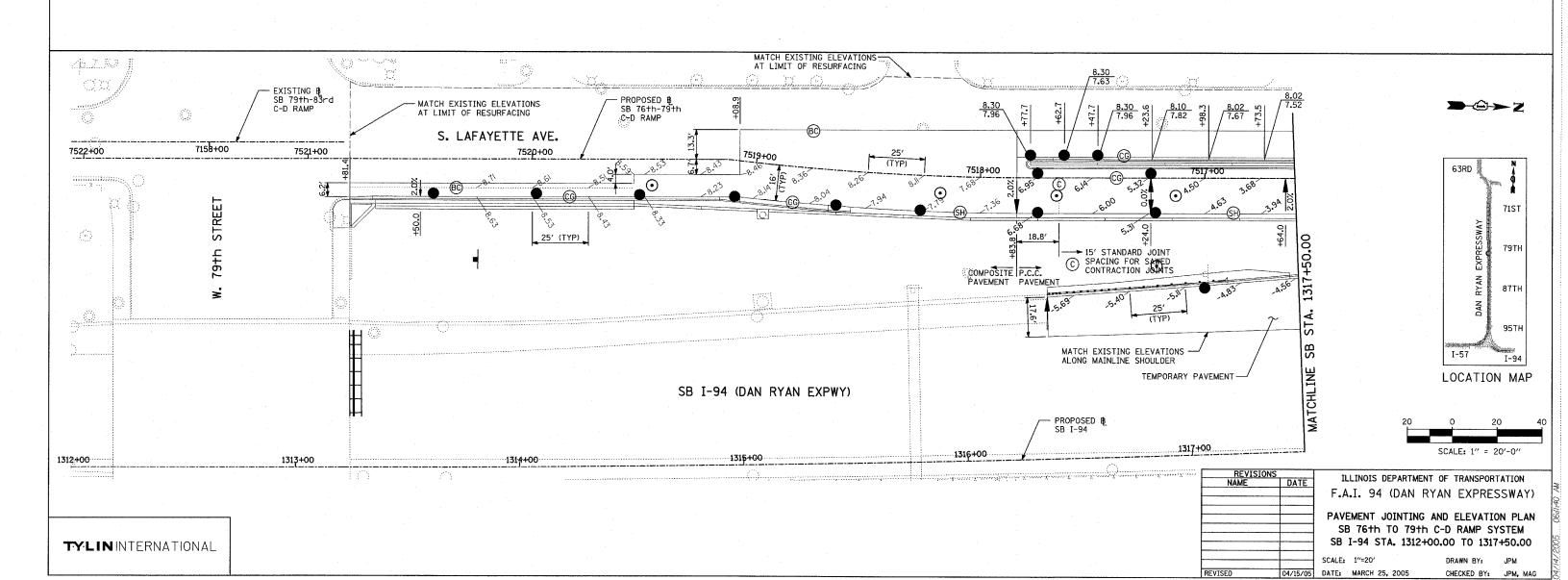
→©→Z

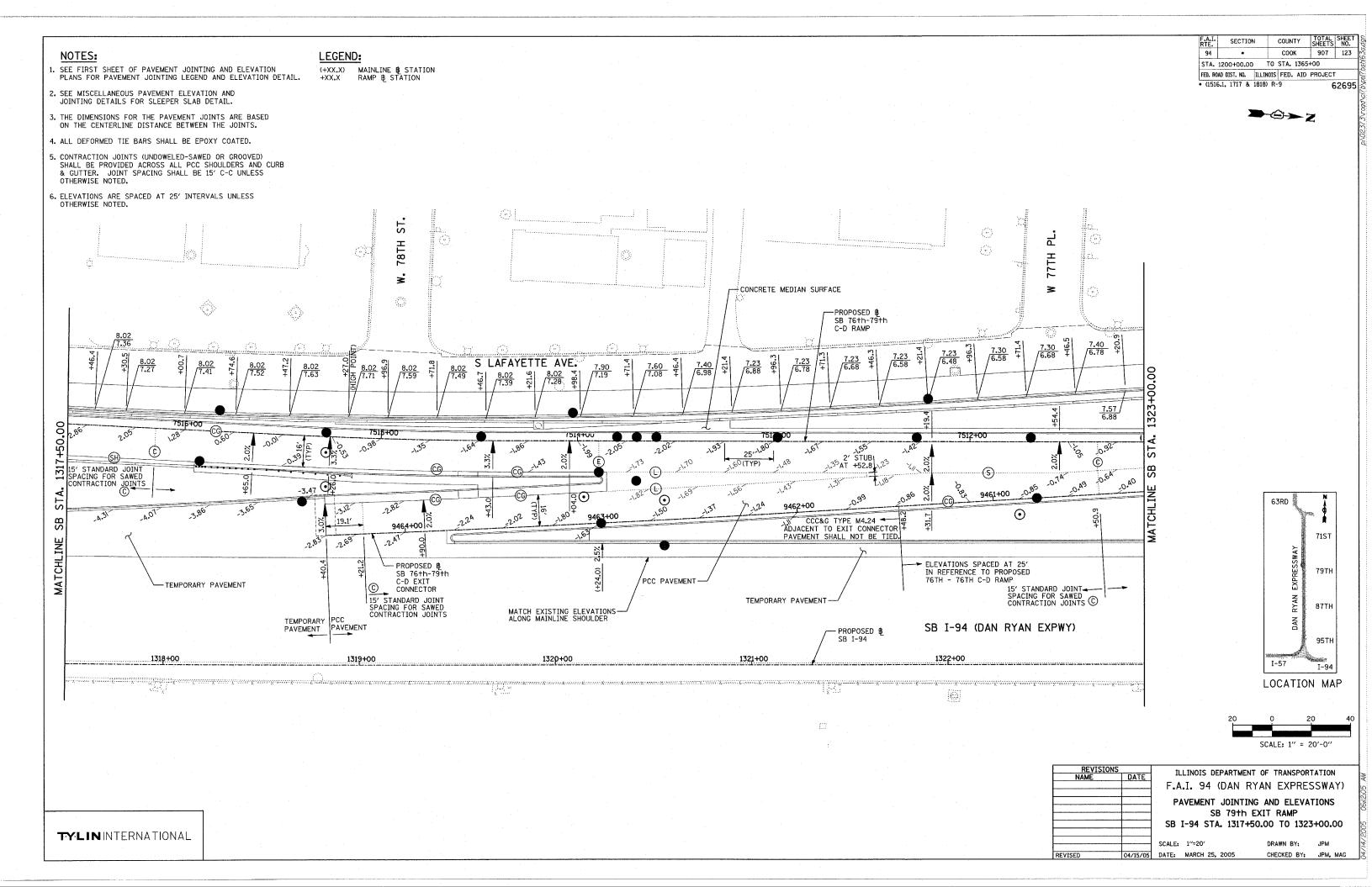
NOTES:

- 1. SEE FIRST SHEET OF PAVEMENT JOINTING AND ELEVATION PLANS FOR PAVEMENT JOINTING LEGEND AND ELEVATION DETAIL.
- 2. SEE MISCELLANEOUS PAVEMENT ELEVATION AND JOINTING DETAILS FOR SLEEPER SLAB DETAIL.
- 3. THE DIMENSIONS FOR THE PAVEMENT JOINTS ARE BASED ON THE CENTERLINE DISTANCE BETWEEN THE JOINTS.
- 4. ALL DEFORMED TIE BARS SHALL BE EPOXY COATED.
- 5. CONTRACTION JOINTS (UNDOWELED-SAWED OR GROOVED)
 SHALL BE PROVIDED ACROSS ALL PCC SHOULDERS AND CURB
 & GUTTER. JOINT SPACING SHALL BE 15' C-C UNLESS
 OTHERWISE NOTED.
- 6. ELEVATIONS ARE SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.

LEGEND:

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION





TOTAL SHEET SHEETS NO. COOK 907 124 STA. 1200+00.00 TO STA. 1365+00 FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT • (1516.1, 1717 & 1818) R-9 6 62695 **→**©→Z $\langle \cdot \rangle$ 0 6 $\langle \hat{a} \rangle$ **77TH** MATCH EXISTING ELEVATIONS -AT LIMIT OF RESURFACING TOO! (9) MATCH EXISTING ELEVATIONS AT LIMIT OF RESURFACING 6.20 5.55 S. LAFAYETTE AVE. PROPOSED B — SB 76th-79th C-D RAMP 15' STANDARD JOINT SPACING FOR SAWED CONTRACTION JOINTS 8.15 7.52 7508+00 751,1+00 STA. -CONCRETE MEDIAN SURFACE 15' STANDARD JOINT SPACING FOR SAWED CONTRACTION JOINTS PROPOSED B -SB 76th-79th C-D ENTRANCE CONNECTOR 0 PCC PAVEMENT \odot 15' STANDARD JOINT SPACING FOR SAWED CONTRACTION JOINTS MATCHLINE \odot 63RD MATCHLINE 71ST MATCH EXISTING ELEVATIONS ALONG MAINLINE SHOULDER SB I-94 (DAN RYAN EXPWY) TEMPORARY PAVEMENT 79TH 1328+00 1327+00 vokininkininkikin kana king debah kana kana k 87TH 1325+00 ー PROPOSED 段 SB I-94 95TH I-94 LOCATION MAP NOTES: 1. SEE FIRST SHEET OF PAVEMENT JOINTING AND ELEVATION PLANS FOR PAVEMENT JOINTING LEGEND AND ELEVATION DETAIL. 2. SEE MISCELLANEOUS PAVEMENT ELEVATION AND JOINTING DETAILS FOR SLEEPER SLAB DETAIL. 3. THE DIMENSIONS FOR THE PAVEMENT JOINTS ARE BASED ON THE CENTERLINE DISTANCE BETWEEN THE JOINTS. SCALE: 1" = 20'-0" 4. ALL DEFORMED TIE BARS SHALL BE EPOXY COATED. ILLINOIS DEPARTMENT OF TRANSPORTATION 5. CONTRACTION JOINTS (UNDOWELED-SAWED OR GROOVED)
SHALL BE PROVIDED ACROSS ALL PCC SHOULDERS AND CURB
& GUTTER. JOINT SPACING SHALL BE 15' C-C UNLESS F.A.I. 94 (DAN RYAN EXPRESSWAY) LEGEND: PAVEMENT JOINTING AND ELEVATION PLAN OTHERWISE NOTED. (+XX.X) MAINLINE & STATION RAMP & STATION SB 79th EXIT RAMP

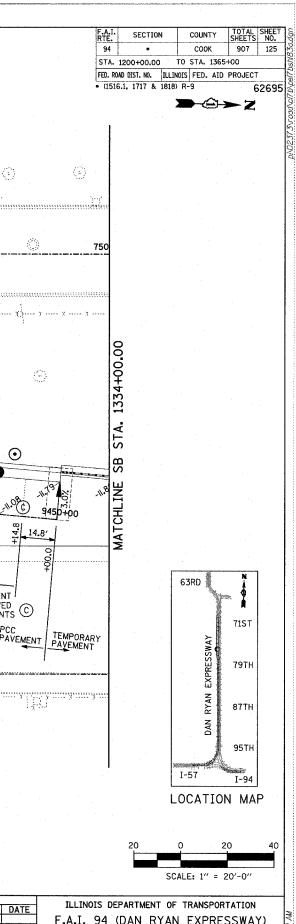
6. ELEVATIONS ARE SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.

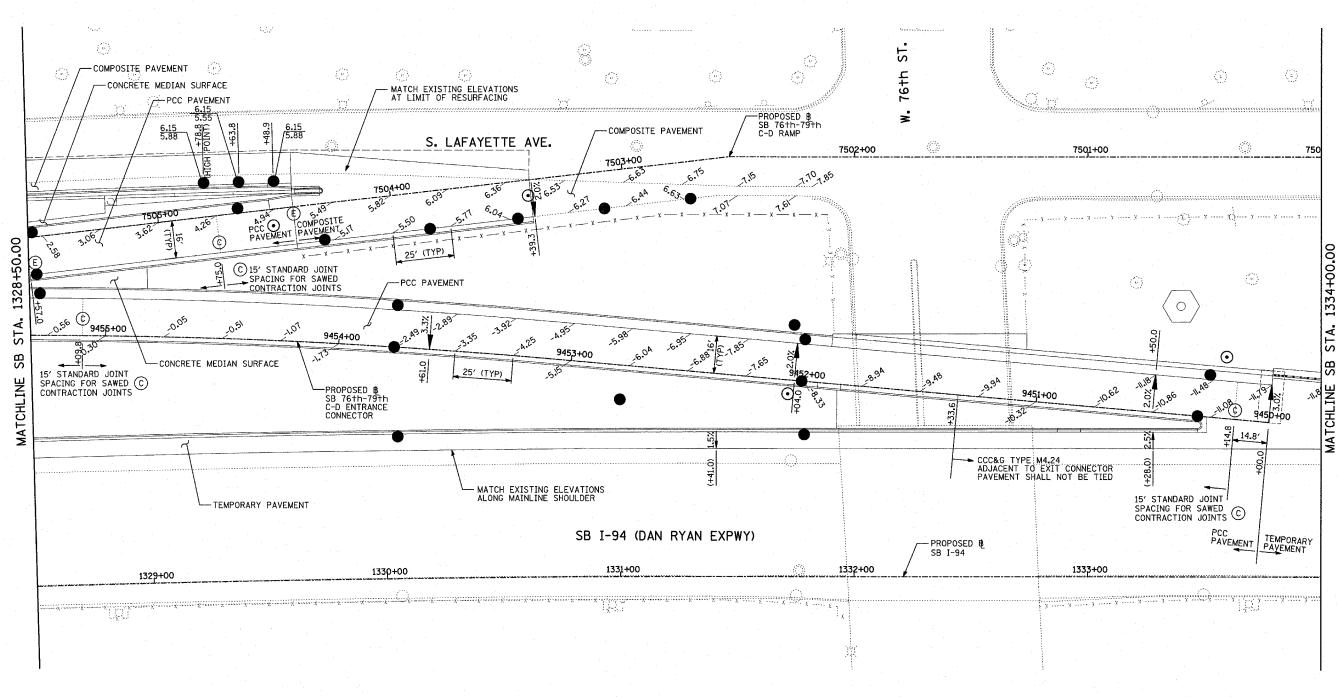
SCALE: 1"=20' DATE: MARCH 25, 2005

SB I-94 STA. 1323+00.00 TO 1328+50.00

DRAWN BY: CHECKED BY: JPM, MAG

TYLININTERNATIONAL





NOTES:

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LEGEND:

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION

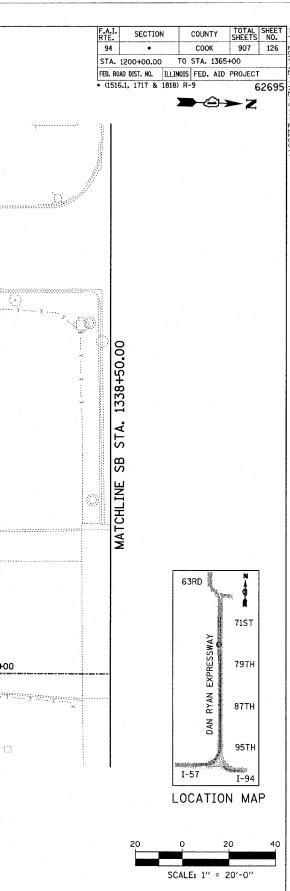
F.A.I. 94 (DAN RYAN EXPRESSWAY)

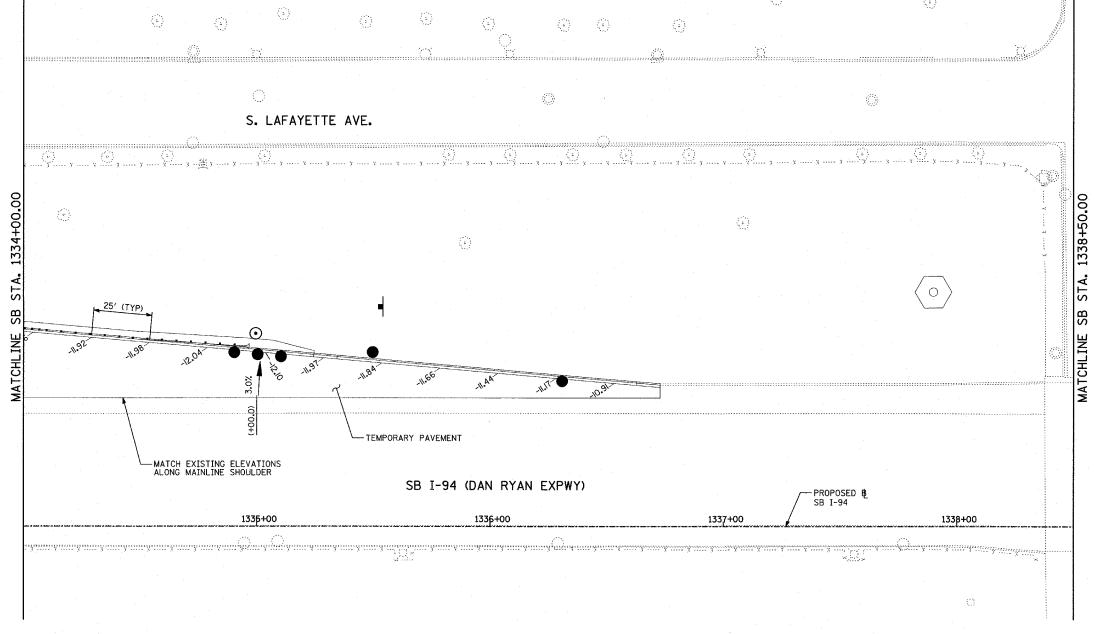
PAVEMENT JOINTING AND ELEVATION PLAN SB 79th EXIT RAMP SB I-94 STA. 1328+50.00 TO 1334+00.00

SCALE: 1"=20' DATE: MARCH 25, 2005

DRAWN BY: JPM CHECKED BY: JPM, MAG

TYLININTERNATIONAL



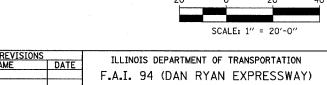


NOTES:

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LEGEND:

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION

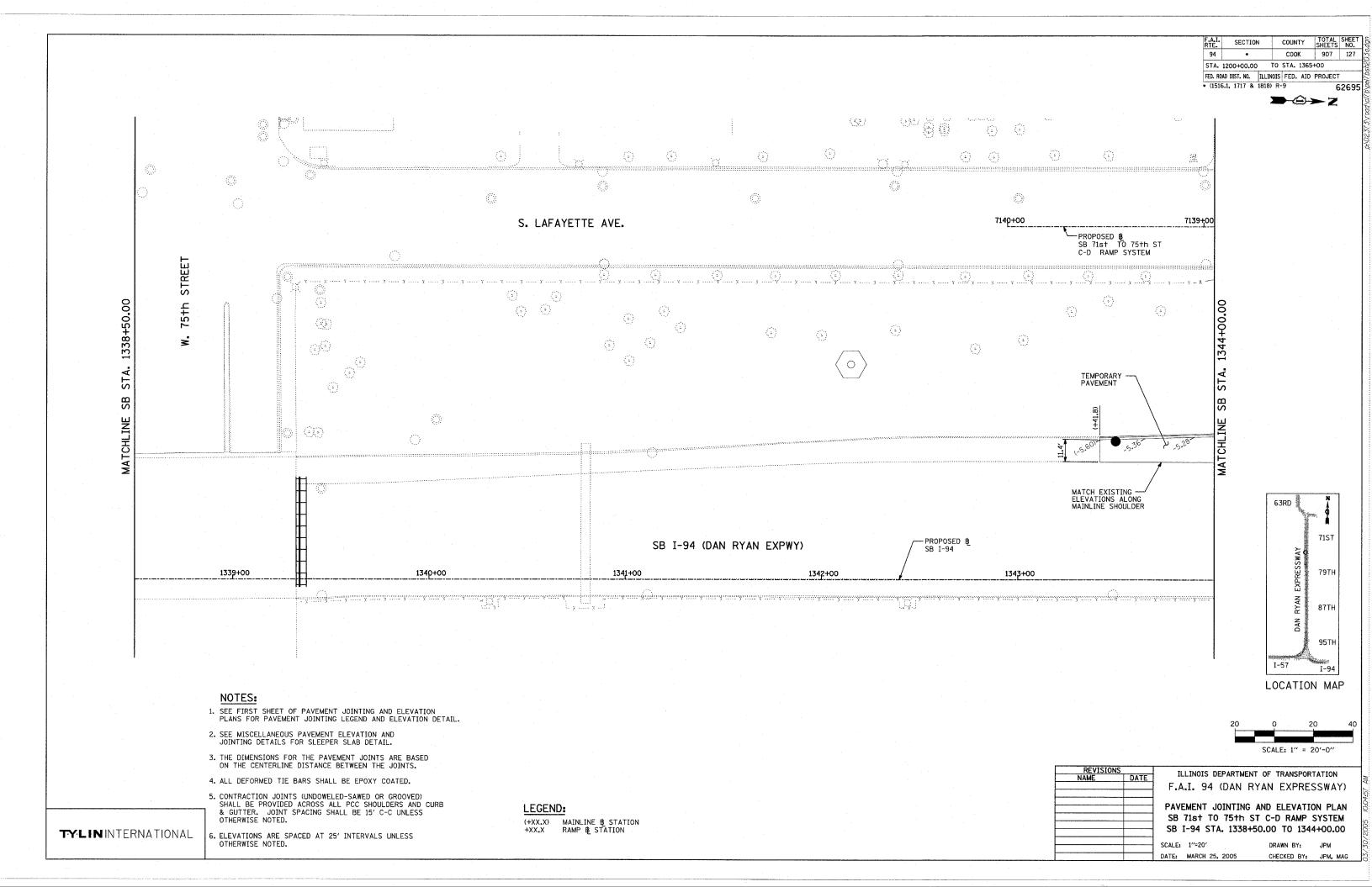


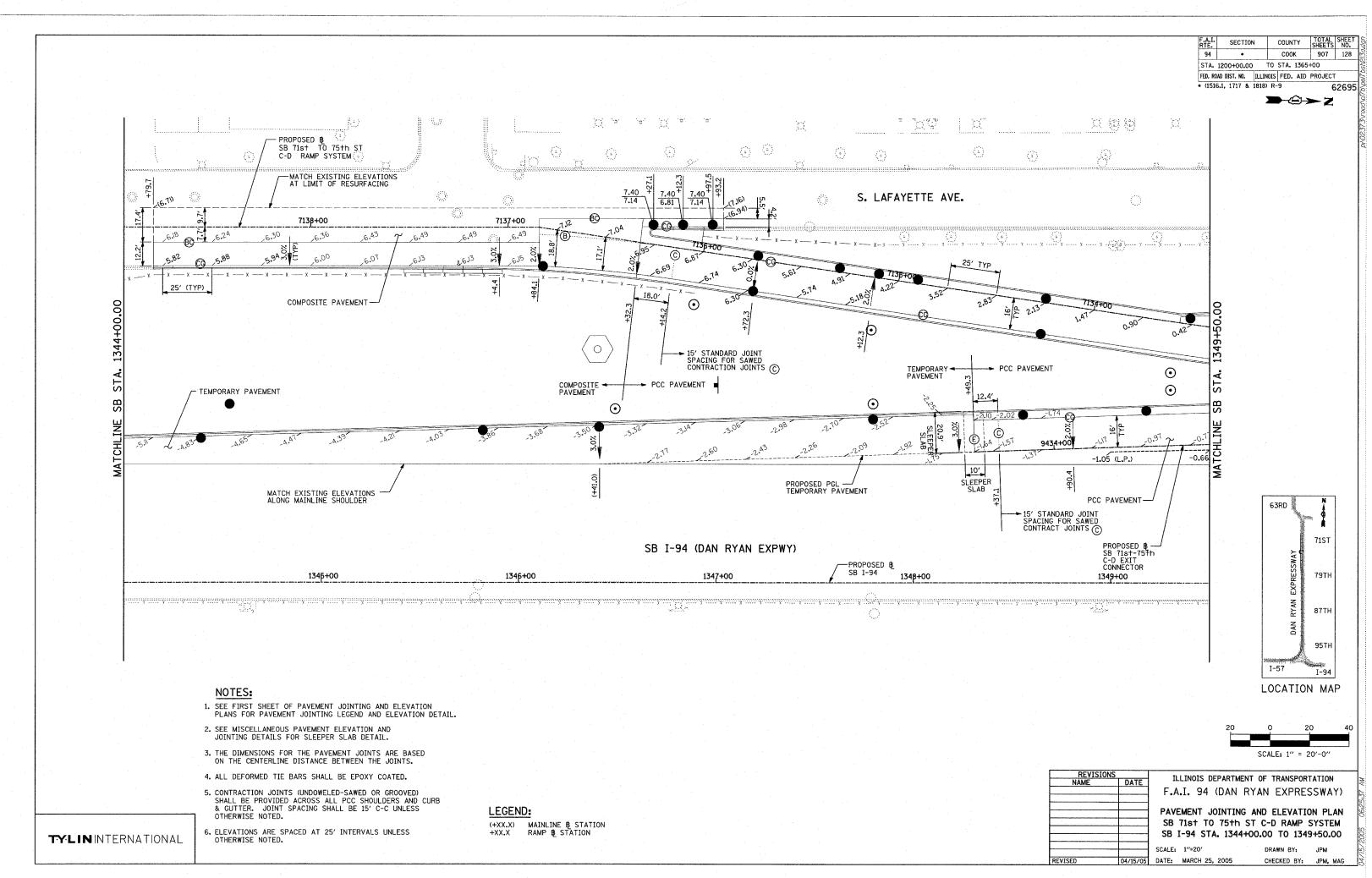
PAVEMENT JOINTING AND ELEVATION PLAN
SB 79+h EXIT RAMP
SB I-94 STA. 1334+00.00 TO 1338+50.00

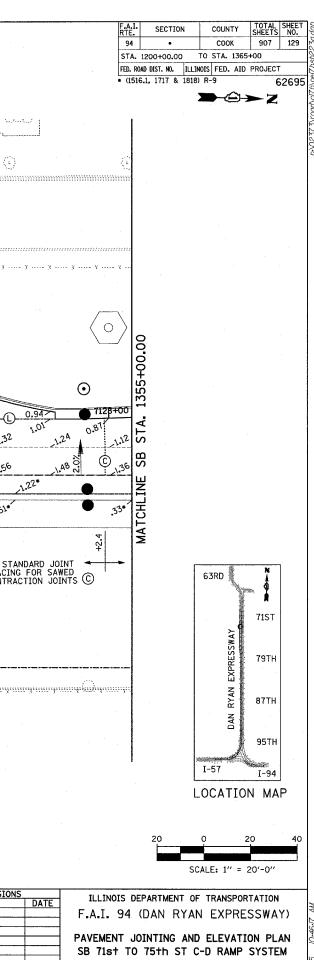
SCALE: 1"=20" DATE: MARCH 25, 2005

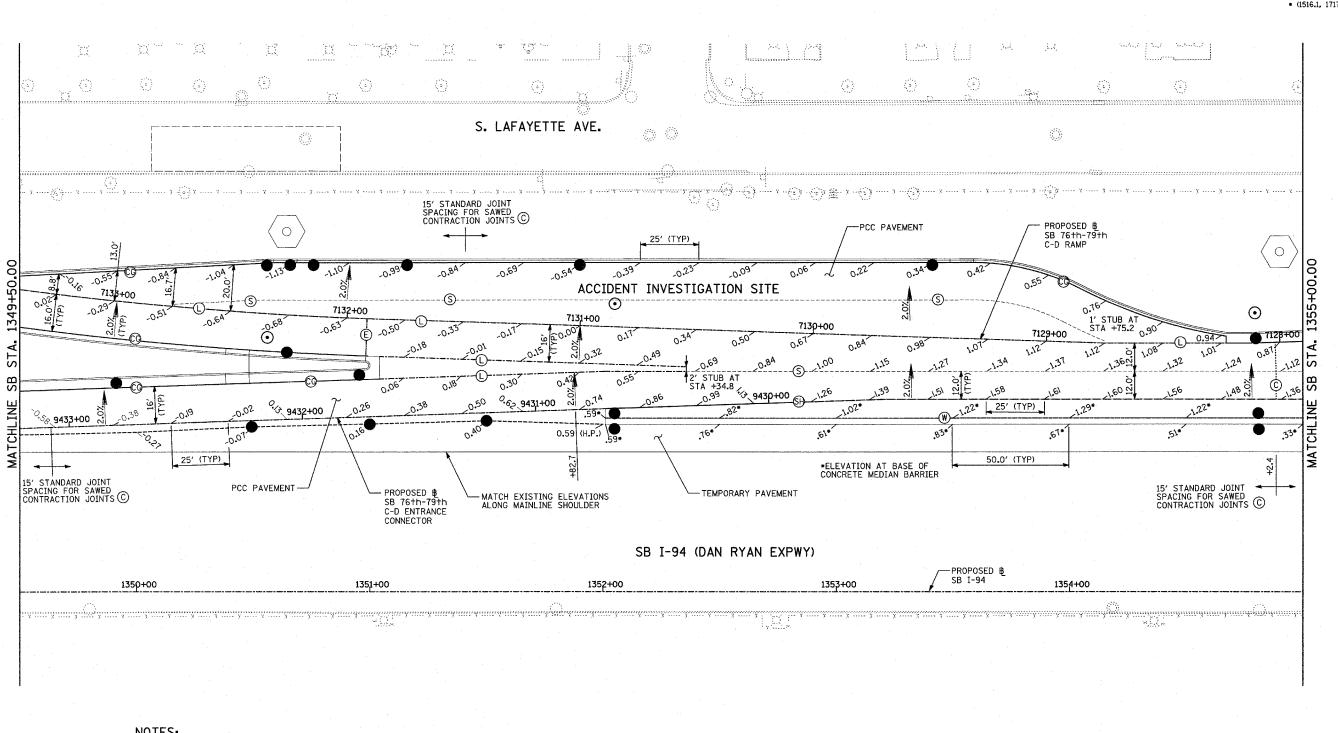
DRAWN BY: JPM CHECKED BY: JPM, MAG

TYLININTERNATIONAL









NOTES:

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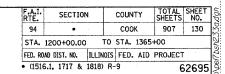
LEGEND:

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION

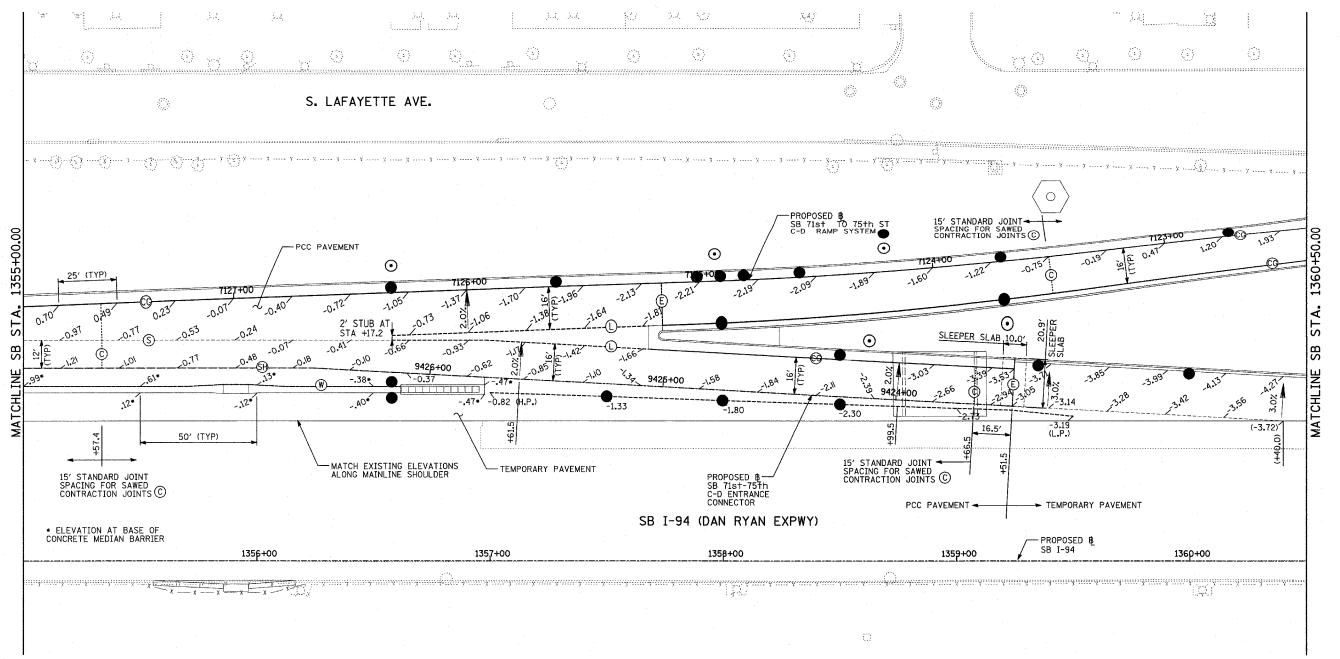
TYLININTERNATIONAL

SB I-94 STA. 1349+50.00 TO 1355+00.00 DRAWN BY: JPM

DATE: MARCH 25, 2005 CHECKED BY: JPM, MAG



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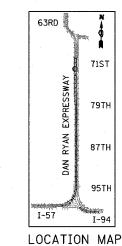


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LEGEND:

(+XX.X) MAINLINE & STATION +XX.X RAMP & STATION



20 0 20 4 SCALE: 1" = 20'-0"

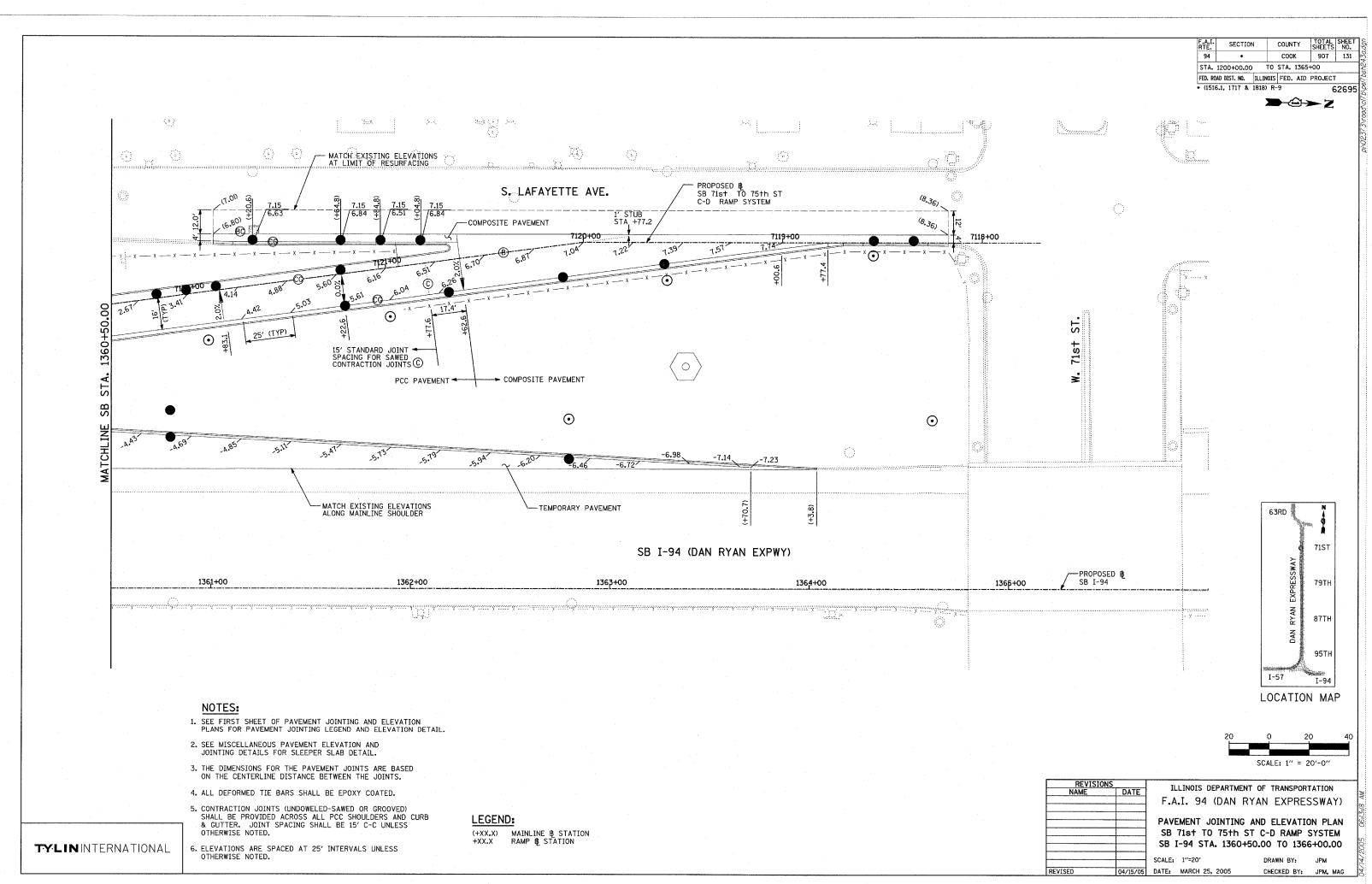
ILLINOIS DEPARTMENT OF TRANSPORTATION

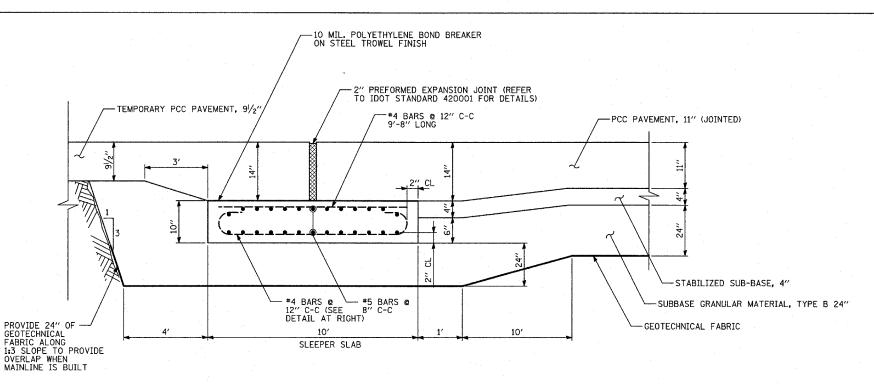
F.A.I. 94 (DAN RYAN EXPRESSWAY)

PAVEMENT JOINTING AND ELEVATION PLAN
SB 71s+ TO 75+h ST C-D RAMP SYSTEM
SB I-94 STA. 1355+00.00 TO 1360+50.00

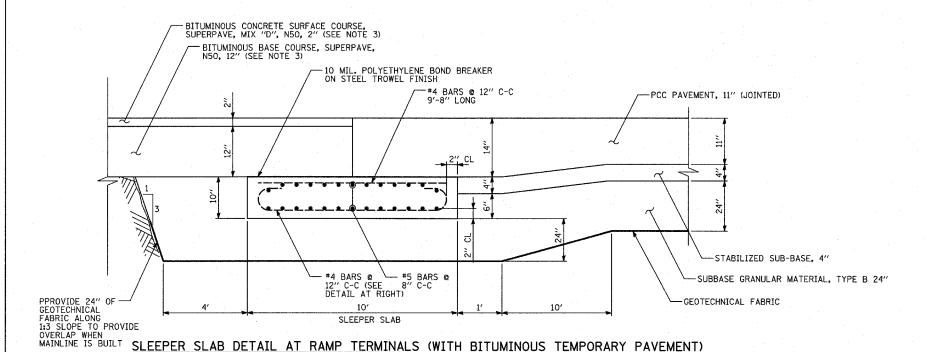
SCALE: 1"=20' DRAWN BY: JPM.
D 04/15/05 DATE: MARCH 25, 2005 CHECKED BY: JPM, MAG

TY:LIN INTERNATIONAL





SLEEPER SLAB DETAIL AT RAMP TERMINALS (WITH PCC TEMPORARY PAVEMENT)

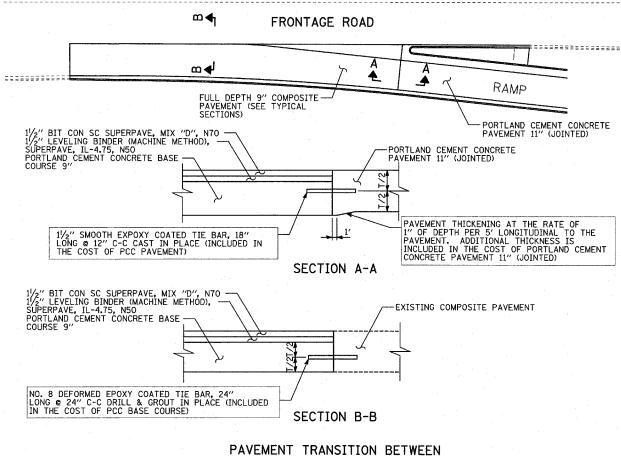


SLEEPER SLAB NOTES:

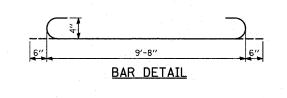
- THE SLEEPER SLAB SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR "SLEEPER SLAB" WHICH PRICE SHALL INCLUDE FURNISHING AND PLACING PC CONCRETE, REINFORCEMENT, BOND BREAKER, DOWEL BARS, AND EXPANSION MATERIAL AS SHOWN.
- 2. THE THICKENED EDGE OF ADJOINING PAVEMENT SHALL BE INCIDENTAL TO PCC PAVEMENT OF THE THICKNESS SPECIFIED.
- REFER TO THE TEMPORARY PAVEMENT DETAIL ON THE TYPICAL SECTION PAVEMENT DETAILS SHEET.
- 4. ADDITIONAL THICKNESS OF SUBBASE GRANULAR MATERIAL, TYPE B 24" SHALL BE INCLUDED IN THE UNIT COST OF SUBBASE GRANULAR MATERIAL, TYPE B 24".

GENERAL PAVEMENT JOINTING & ELEVATION NOTES:

- 5. ALL REINFORCEMENT AND DOWEL BARS SHALL BE EPOXY COATED AND SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS.
- 6. SLOPE SHOULDER AREA BETWEEN CATCH BASIN GRATE AND BARRIER WALL TOWARDS GRATE, IF DICTATED BY FIELD CONDITIONS.



FRONTAGE ROAD & RAMP



	4.	
REVISIO	NS	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	ILLINOIS DEFARIMENT OF TRANSPORTATION
		F.A.I. 94 (DAN RYAN EXPRESSWAY
		MISCELLANEOUS PAVEMENT ELEVATION
		AND JOINTING DETAILS

DRAWN BY:

CHECKED BY:

SCALE: NONE

DATE: MARCH 25, 2005

TOTAL SHEET SHEETS NO.

907 132

62695

COUNTY

COOK

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

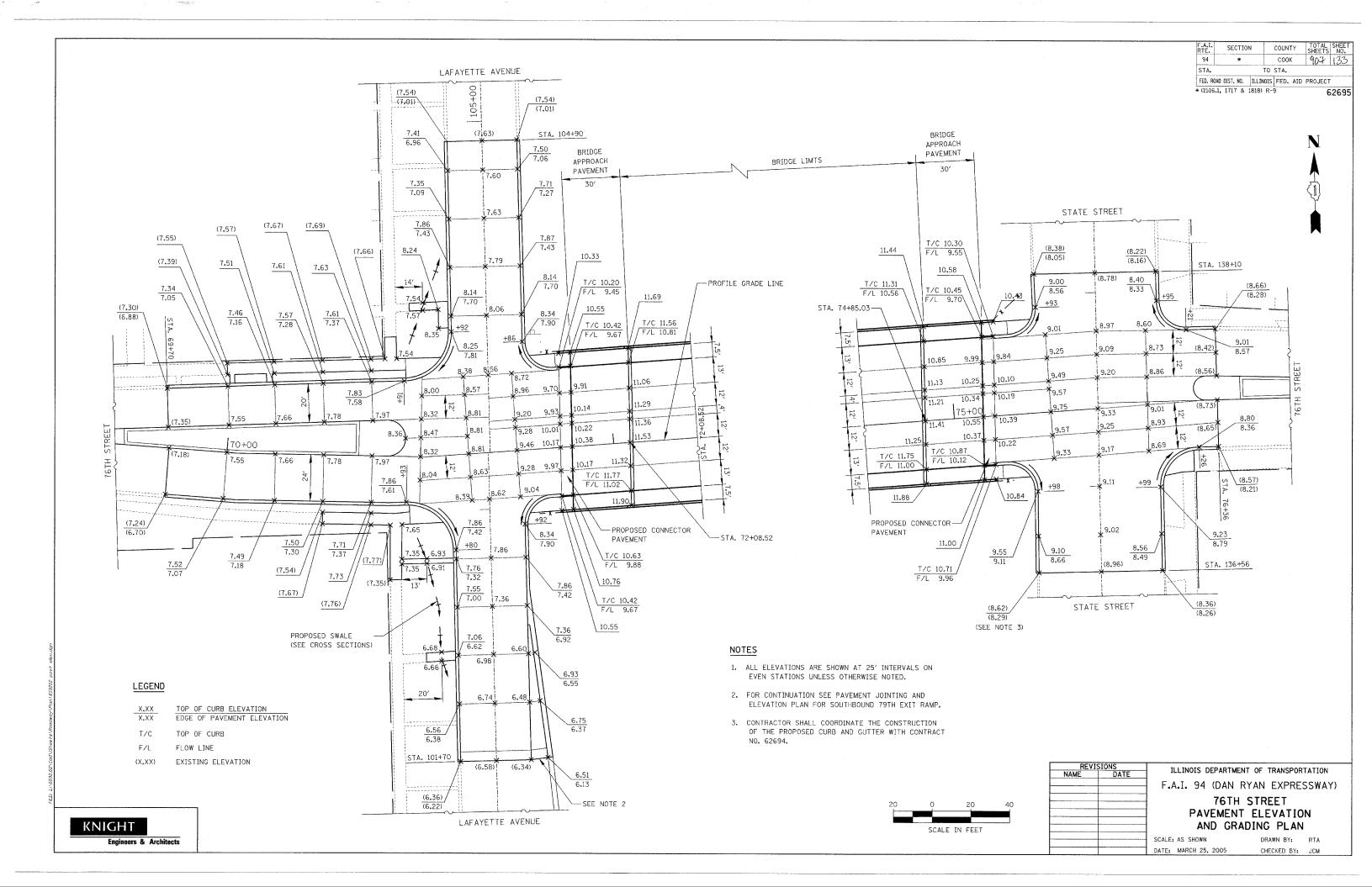
TO STA. 1365+00

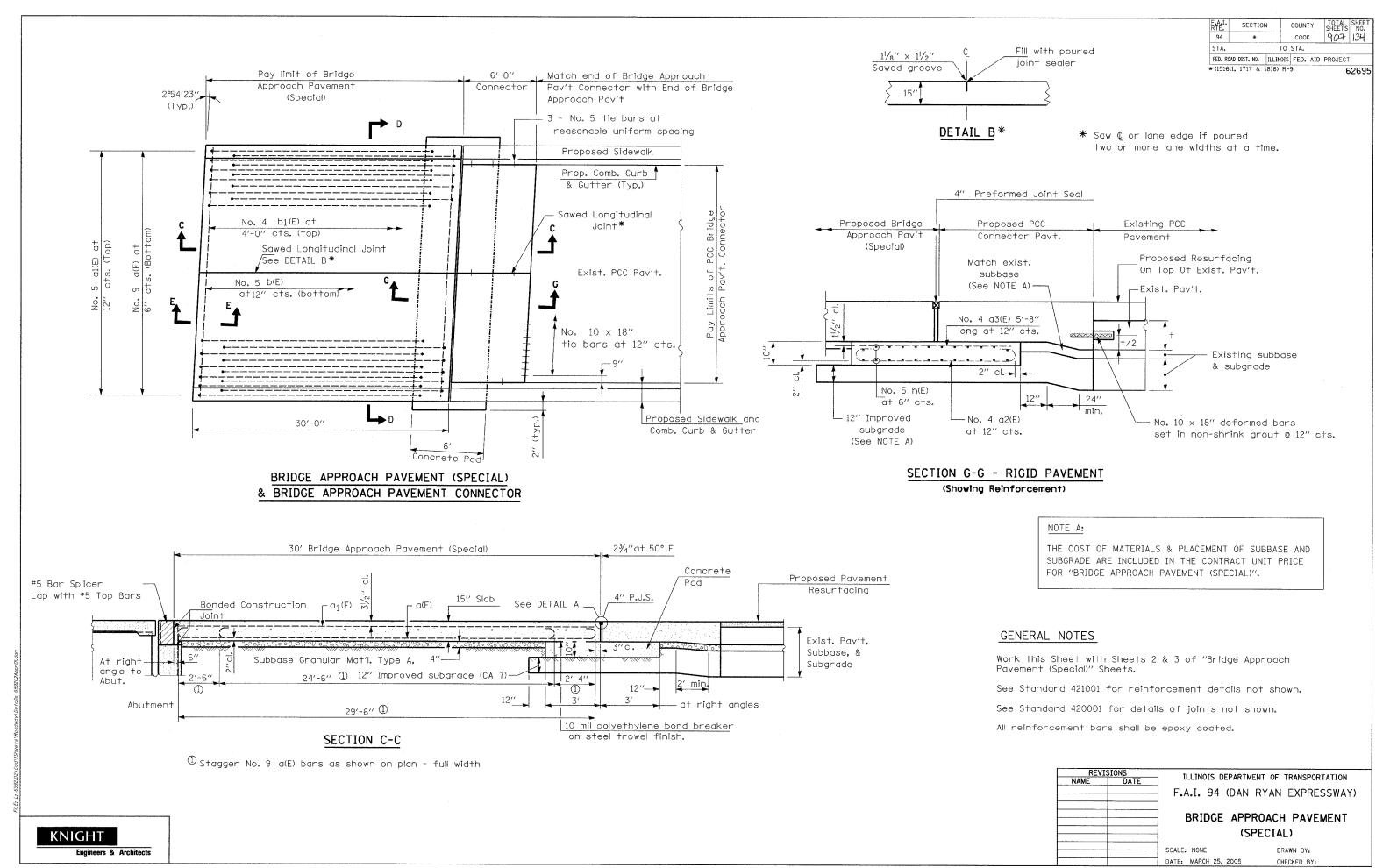
SECTION

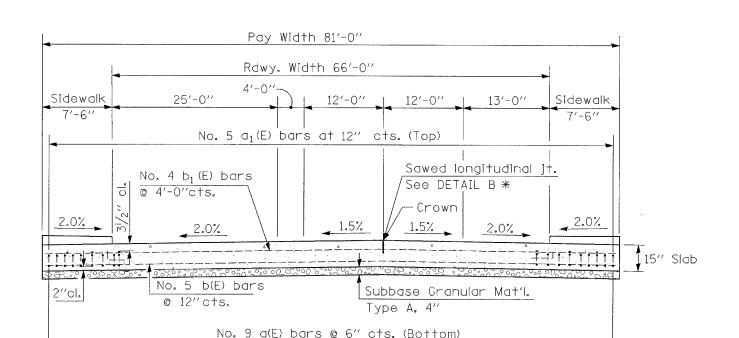
• (1516.1, 1717 & 1818) R-9

STA. 1200+00.00

TY:LININTERNATIONAL

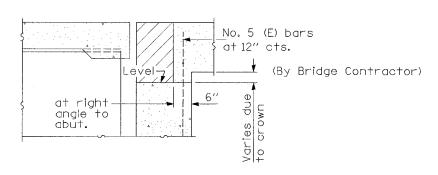






SECTION D-D

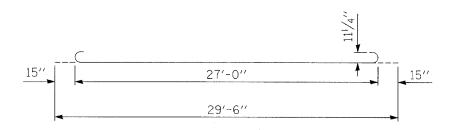
All reinforcement bars shall be epoxy coated.



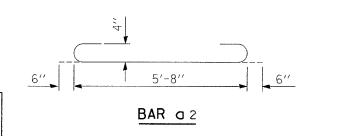
SECTION E-E (Jointed Abutments)

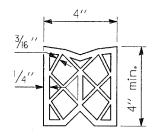
KNIGHT

Engineers & Architects

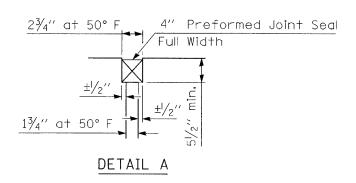


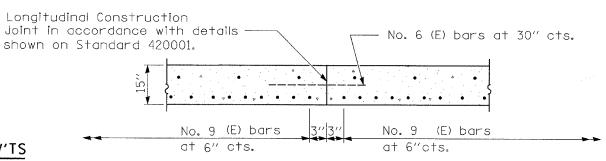
BAR a





PREFORMED JOINT SEAL





TWO APPROACH PAV'TS BILL OF MATERIALS

Bar	No.	Size	Length	Shape
a(E)	326	#9	29'-6''	د ے
a1(E)	164	#5	29'-8"	
a2(E)	164	#4	6′-8′′	
a3(E)	164	#4	5'-8''	
b(E)	60	#5	80′-8′′	
b1(E)	16	#4	80′-8′′	
h(E)	52	#5	81'-0''	
Reinforcement Bars Epoxy Coated			Pound	49,430
Concrete Superstructure			Cu. Yd.	128.0

QUANTITIES ARE SHOWN FOR INFORMATION ONLY. COST IS INCLUDED WITH BRIDGE APPROACH PAVEMENT (SPECIAL).

OPTIONAL LONGITUDINAL CONSTRUCTION JOINT

As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.

NOTES:

Work this Sheet with Sheets 1 & 3 of "Bridge Approach Pavement (Special)" Sheets.

All reinforcement bars shall be epoxy coated.

DESIGN STRESSES

fy = 60000 psi f'c = 3500 psi n = 8.5

	/ISIONS	
NAME	DATE	
		S

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

BRIDGE APPROACH PAVEMENT (SPECIAL)

SCALE: NONE
DATE: MARCH 25, 2005

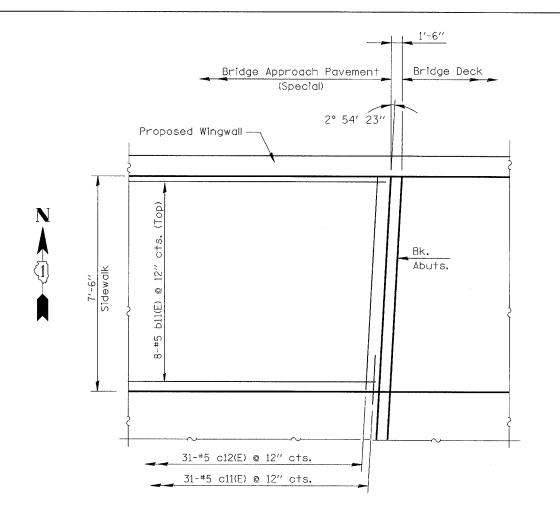
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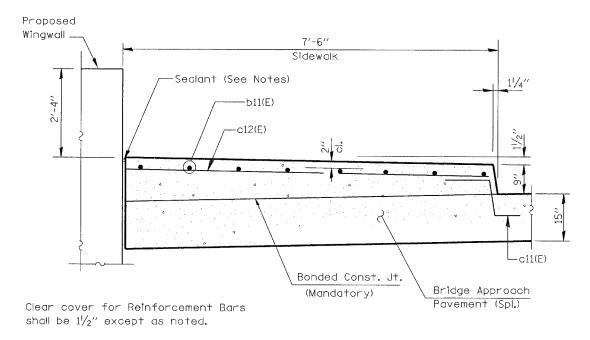
COOK

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

* (1516.1, 1717 & 1818) R-9

(Sheet 2 of 3)





SECTION THRU SIDEWALK & WINGWALL



| F.A.I. | SECTION | COUNTY | TOTAL | SHEET |

ON APPROACH PAV'TS
BILL OF MATERIALS

Bar	No.	Size	Length	Shape
b11(E)	32	#5	29'-8''	
c11(E)	124 124	#5 #5	2'-5'' 7'-2''	
Reinforcement Bars Epoxy Coated			Pound	2,240
Concrete Superstructure			Cu. Yd.	30.0

QUANTITIES ARE SHOWN FOR INFORMATION ONLY. COST IS INCLUDED WITH BRIDGE APPROACH PAVEMENT (SPECIAL).

PLAN - SIDEWALK & WINGWALL

(North - West as shown, other corners similar)

NOTES:

Work this Sheet with Sheets 1 & 2 of "Bridge Approach Pavement (Special)" Sheets.

Reinforcement Bars designated (E) shall be epoxy coated.

Sealant shall be non-staining gray one component non-sag elastomeric gun grade polyurethane meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25, Use T.

REVISIONS
NAME DATE

F.A.I. 94 (DAN RYAN EXPRESSWAY)

BRIDGE APPROACH PAVEMENT

(SPECIAL)

SCALE: NONE DRAWN BY:
DATE: MARCH 25, 2005 CHECKED BY:

GENERAL NOTES:

SEE SPECIAL PROVISION TITLED TRAFFIC CONTROL AND PROTECTION (SPECIAL)

SEE SPECIAL PROVISION TITLED TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)

SEE SPECIAL PROVISION TITLED TRAFFIC STAGING.

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO TO IMPLEMENT A NO PARKING RESTRICTION ALONG W. 98TH PLACE AND W. LAFAYETTE AVENUE WHILE TEMPORARY LANE OR ROADWAY CLOSURES ARE IN EFFECT. THE CONTRACTOR SHALL SCHEDULE THE WORK TO MINIMIZE THE LENGTH OF TIME PARKING IS RESTRICTED.

THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF BOTH THE SB HALSTED ST. EXIT RAMP AND THE SB 95TH ST. EXIT RAMP SO THAT BOTH RAMPS WILL NOT BE CLOSED AT THE SME TIME. TRAFFIC MUST BE ALLOWED TO EXIT AT EITHER RAMP DURING STAGE 1.

QUANTITY FOR TEMPORARY PAVEMENT MARKING - LINE 6" WAS ASSUMED EQUAL TO THE LENGTH OF TEMPORARY CONCRETE BARRIER LOCATED ONE FOOT OR LESS FROM THE EDGE OF TRAVELED WAY.

ALL FRONTAGE ROAD SIGNING AND TRAFFIC CONTROL DEVICES SHALL BE PAID FOR UNDER THE LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

W1-6 ARROW SIGNS SHALL BE MOUNTED ON EITHER TYPE III BARRICADES OR TEMPORARY CONCRETE BARRIER AS DEPICTED IN THE MAINTENANCE OF TRAFFIC PLANS.

ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PAID FOR AS EPOXY PAVEMENT MARKING OF THE LINE TYPE AND WIDTH SPECIFIED UNLESS OTHERWISE NOTED IN THE MAINTENANCE OF TRAFFIC PLANS. THE CONTRACTOR MAY SUBSTITUTE EPOXY FOR PAVEMENT MARKING TAPE, TYPE III IF DIRECTED BY THE RESIDENT ENGINEER.

TRAFFIC CONTROL SURVEILLANCE WILL BE USED AT NIGHT AFTER THE CONTRACTOR HAS STOPPED WORK FOR THE DAY TO MONITOR ALL NON-EXPRESSWAY ROADS.

RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY FIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE DENT ENGINEER. MEASURE OF PAYMENT FOR REMOVAL OF REFLECTORS IS INCLUDED HE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). ACEMENT REFLECTORS SHALL BE PAID FOR SEPARATELY.

CONSTRUCTION STAGING NOTES FOR EXPRESSWAY:

PRE STAGE 1 - INSTALL TEMPORARY TRAFFIC CONTROL DEVICES - NIGHT TIME OPERATIONS

INSTALL RAMP CLOSURE ADVANCE INFORMATION SIGNS ON STAGE 1 RAMP CLOSURES A MINIMUM OF 2 WEEKS IN ADVANCE OF THE CLOSURE.

INSTALL TEMPORARY CONSTRUCTION SIGNS AHEAD OF WORK ZONE PER DISTRICT 1 DETAILS, ACCORDING TO THE PLANS.

COVER PERMANENT SIGNS AS NEEDED FOR STAGE 1 EXIT RAMP CLOSURES.

REMOVE EXISTING PAVEMENT MARKINGS AND REPLACE WITH EPOXY PAVEMENT MARKING.

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES FOR LANE NARROWING SHIFT TRAFFIC.

INSTALL TEMPORARY CONCRETE BARRIER WALL.

INSTALL REMAINING TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 1 CONSTRUCTION.

STAGE 1 - CONSTRUCTION

INSTALL EROSION CONTROL MEASURES.

BEGIN PAVEMENT, SHOULDER AND CURB & GUTTER REMOVAL ITEMS.

CONSTRUCT PROPOSED OVERHEAD STRUCTURE FOUNDATIONS UTILIZING LANE NARROWING ACCORDING TO THE DETAIL AND CONCRETE BARRIER REMOVAL FOR MEDIAN FOUNDATIONS.

INSTALL OVERHEAD SIGN STRUCTURES.

REMOVE EXISTING RETAINING WALLS.

CONSTRUCT PROPOSED RETAINING WALLS.

SUGGESTED SEQUENCE OF CONSTRUCTION FOR 16' RAMPS

CONSTRUCT CURB & GUTTER AND 2' SHOULDER AT EDGES OF RAMPS.

PLACE RAMP PAVEMENT.

INSTALL PAVEMENT MARKINGS.

PLACE TOPSOIL AND SEED.

COMPLETE CLEAN-UP AND PUNCH LIST.

COMPLETE REMAINING CONSTRUCTION WORK.

END CONSTRUCTION

RE-ESTABLISH PERMANENT PAVEMENT MARKING IN ACCORDANCE WITH DISTRICT 1 DETAILS UTILIZING NIGHT LANE CLOSURES. REPLACE LENSES ON RAISED REFLECTIVE PAVEMENT MARKERS WHERE REMOVED. SHIFT

INSTALL RAMP CLOSURE ADVANCE INFORMATION SIGNS ON STAGE 2 RAMP CLOSURES A MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

PRE STAGE 2 - ADJUST TEMPORARY TRAFFIC CONTROL DEVICES - NIGHT TIME OPERATIONS

REMOVE ALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL MEASURES FROM STAGE 1 CLOSURES, INCLUDING THOSE ON THE FRONTAGE ROADS.

UNCOVER PERMANENT SIGNS AS NEEDED FOR OPEN RAMPS.

COVER PERMANENT SIGNS AS NEEDED FOR STAGE 2 EXIT RAMP CLOSURES.

REMOVE EXISTING PAVEMENT MARKINGS AND REPLACE WITH EPOXY PAVEMENT MARKING. REMOVE LENSES FROM RAISED REFLECTIVE PAVEMENT MARKERS.

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES FOR MULTI-LANE WEAVE. SHIFT TRAFFIC. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES FOR LANE NARROWING.

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 2 RAMP CLOSURES WHERE SHOWN.

INSTALL TEMPORARY CONCRETE BARRIER WALL.

STAGE 2 - CONSTRUCTION

INSTALL EROSION CONTROL MEASURES.

BEGIN PAVEMENT, SHOULDER AND CURB & GUTTER REMOVAL ITEMS.

CONSTRUCT PROPOSED OVERHEAD STRUCTURE FOUNDATIONS UTILIZING NIGHT TIME LANE CLOSURES AND CONCRETE BARRIER REMOVAL FOR MEDIAN FOUNDATIONS.

INSTALL OVERHEAD SIGN STRUCTURES.

REMOVE EXISTING RETAINING WALLS.

CONSTRUCT PROPOSED RETAINING WALLS.

SUGGESTED SEQUENCE OF CONSTRUCTION FOR 16' RAMPS

CONSTRUCT CURB & GUTTER AND 2' SHOULDER AT EDGES OF RAMPS.

PLACE RAMP PAVEMENT

INSTALL PAVEMENT MARKINGS.

PLACE TOPSOIL AND SEED.

COMPLETE CLEAN-UP AND PUNCH LIST.

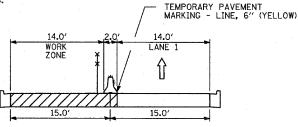
COMPLETE REMAINING CONSTRUCTION WORK.

END CONSTRUCTION

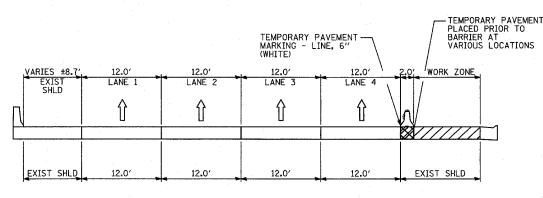
RE-ESTABLISH PERMANENT PAVEMENT MARKING IN ACCORDANCE WITH DISTRICT 1 DETAILS UTILIZING NIGHT LANE CLOSURES.

REMOVE ALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL MEASURES INCLUDING THOSE ON THE FRONTAGE ROADS.

UNCOVER ALL PERMANENT SIGNS.

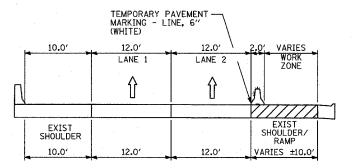


SECTION A-A

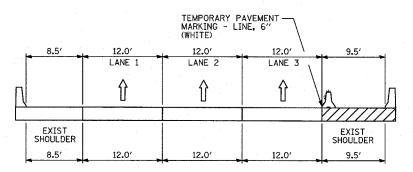


SECTION B-B

TOTAL SHEET SHEETS NO. COUNTY SECTION COOK 905 137 STA, 1200+00-00 TO STA, 1365+00 FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT * (1516.1, 1717 & 1818) R-9 62695



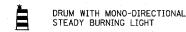
SECTION C-C



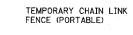
SECTION D-D



TRAFFIC MOVEMENT



SINGLE-FACE CONCRETE BARRIER, 32"



WORK ZONE

REFER TO MOT PLAN SHEETS FOR LOCATIONS OF TYPICAL SECTIONS

REVISIONS NAME DATE: MARCH 25, 2005

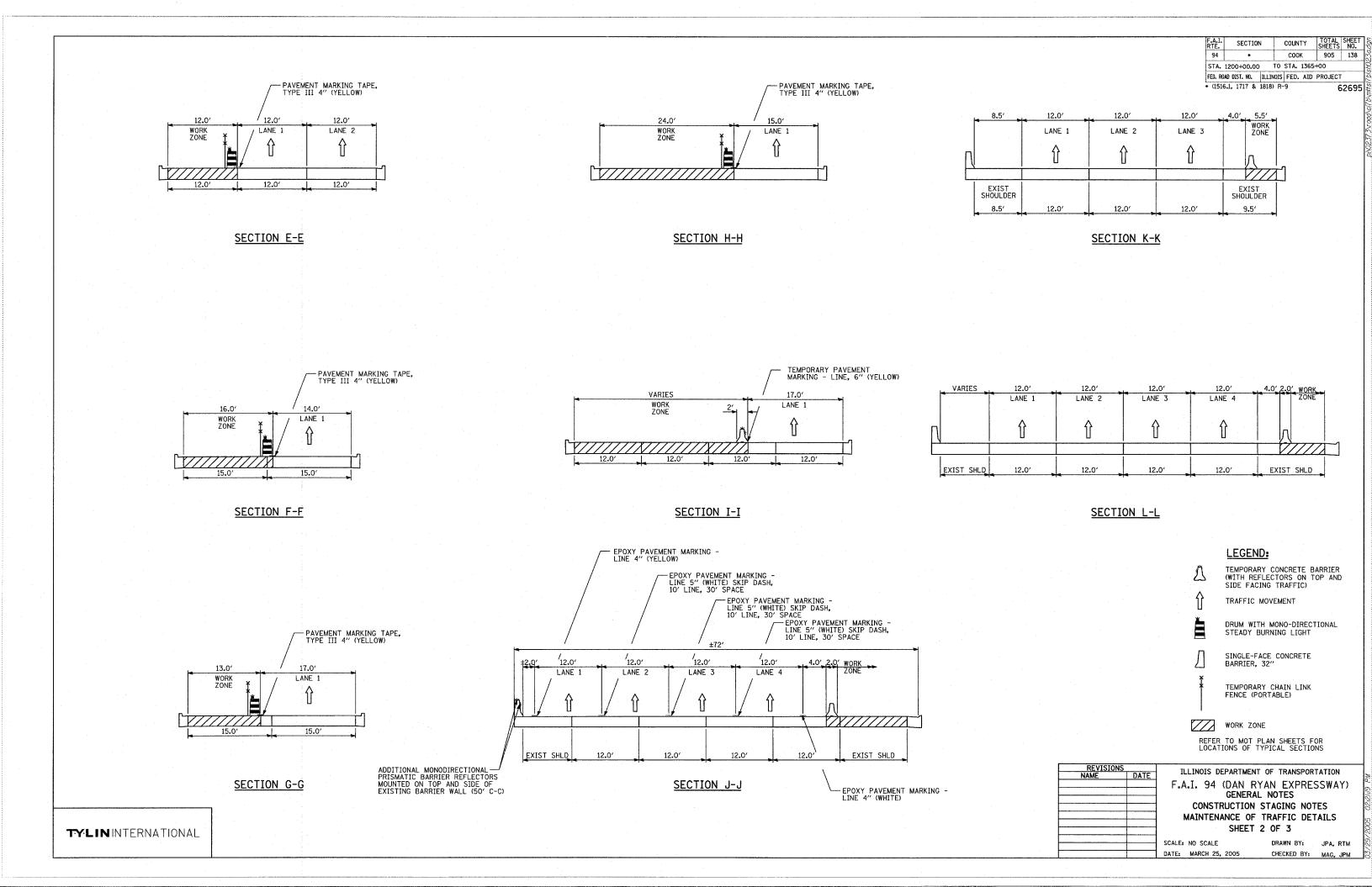
ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY) GENERAL NOTES

CONSTRUCTION STAGING NOTES MAINTENANCE OF TRAFFIC DETAILS SHEET 1 OF 3

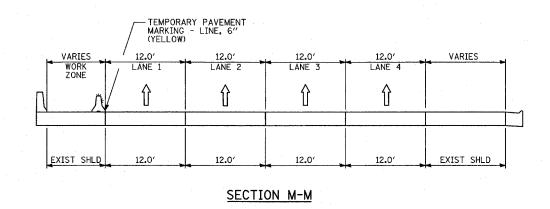
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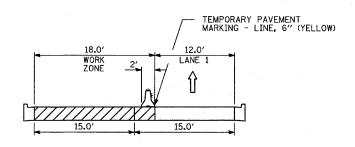
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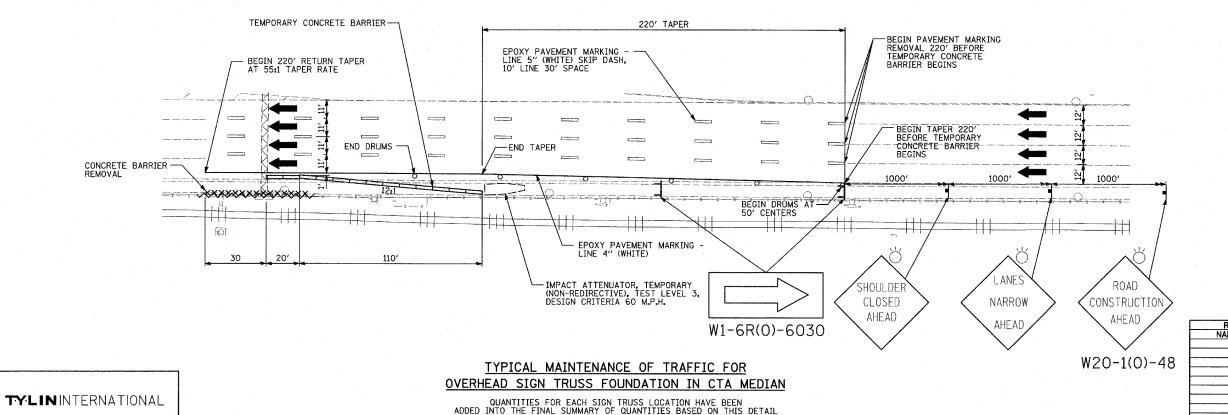


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• (1516	5.1. 1717 &	1818) R-	9			COE		





SECTION N-N



LEGEND:

TEMPORARY CONCRETE BARRIER (WITH REFLECTORS ON TOP AND SIDE FACING TRAFFIC)

TRAFFIC MOVEMENT

DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

SINGLE-FACE CONCRETE BARRIER, 32"

TEMPORARY CHAIN LINK FENCE (PORTABLE)

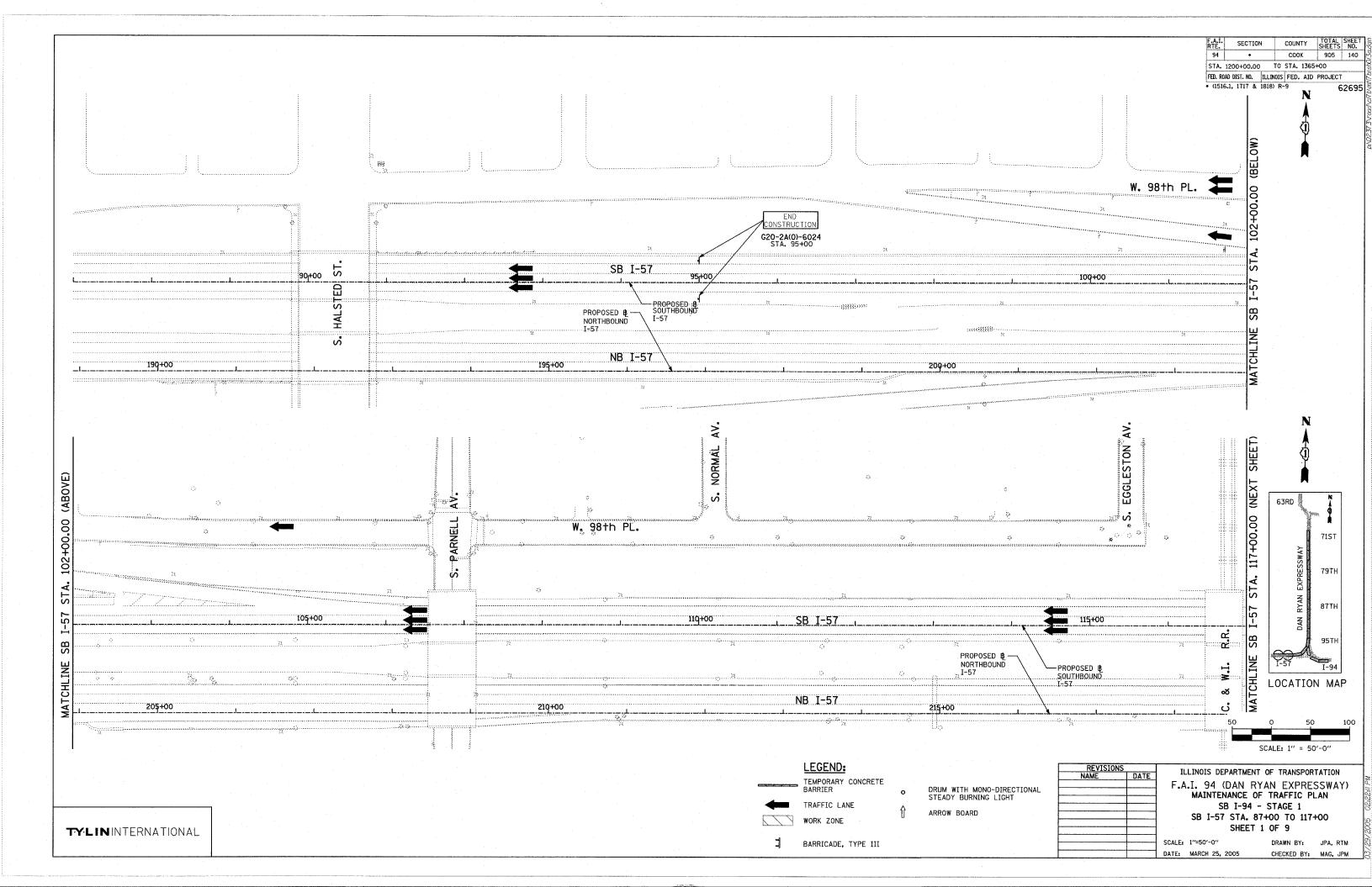
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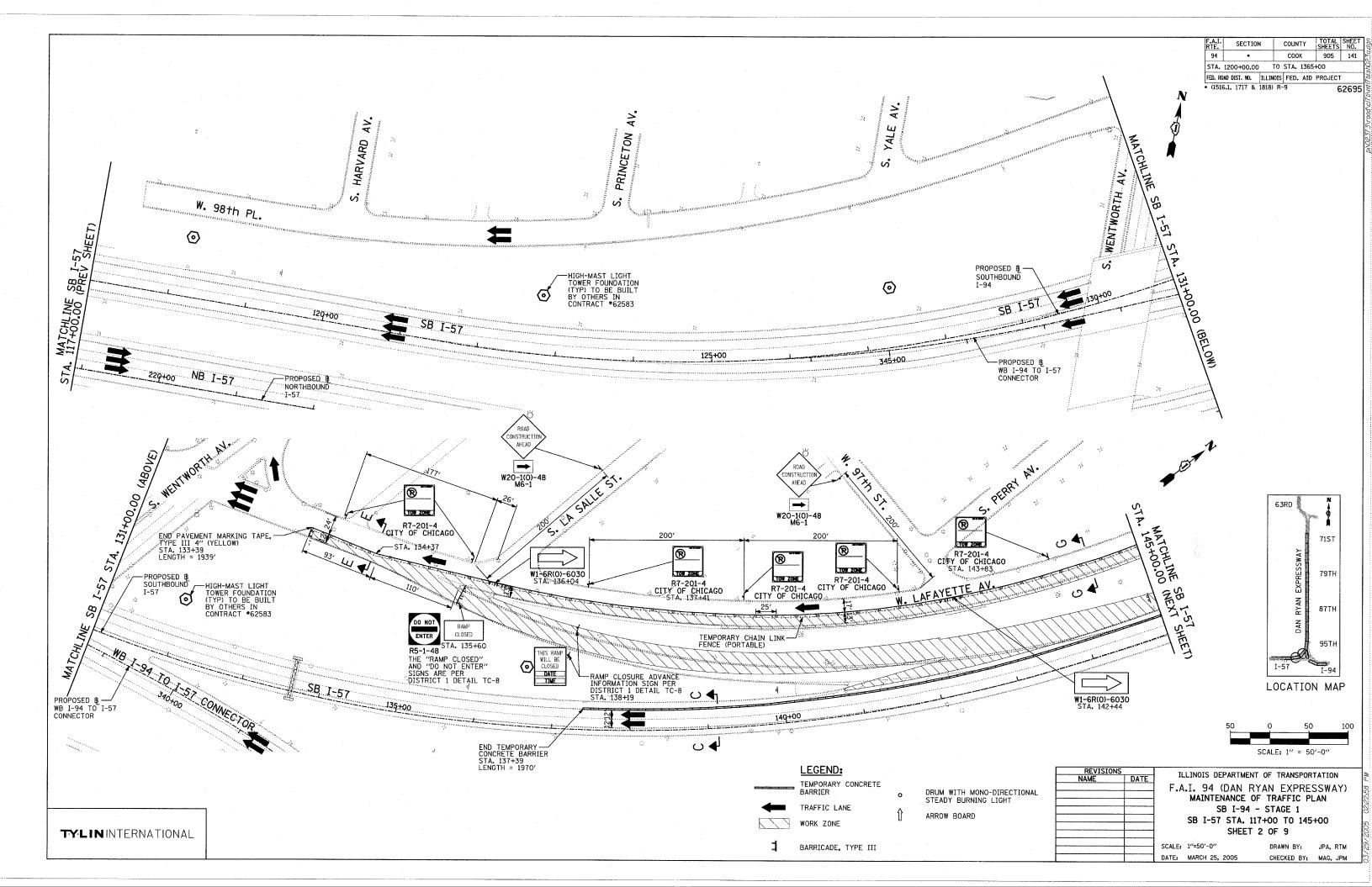
REFER TO MOT PLAN SHEETS FOR LOCATIONS OF TYPICAL SECTIONS

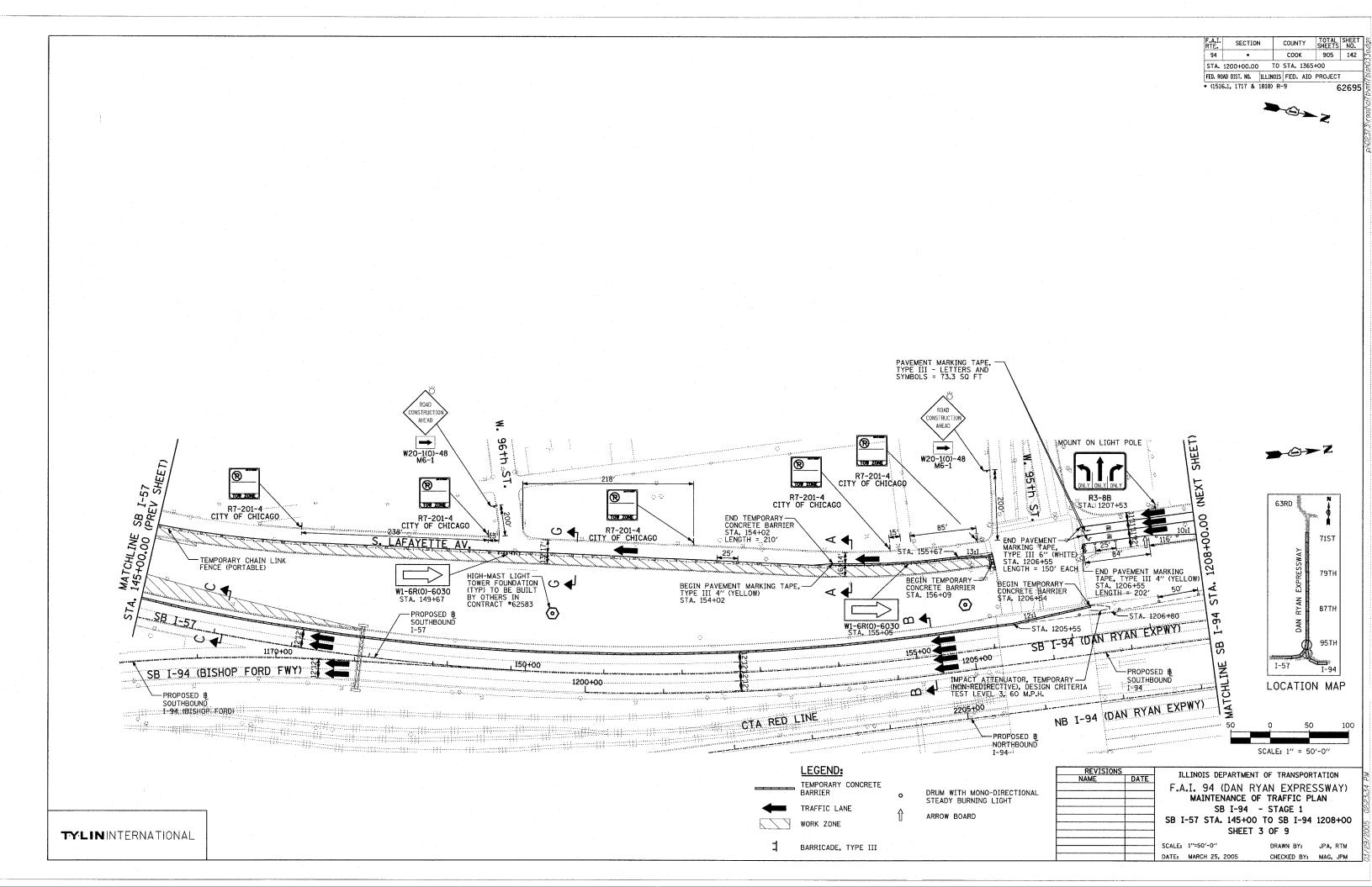
REVISIONS NAME ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY) GENERAL NOTES CONSTRUCTION STAGING NOTES MAINTENANCE OF TRAFFIC DETAILS SHEET 3 OF 3

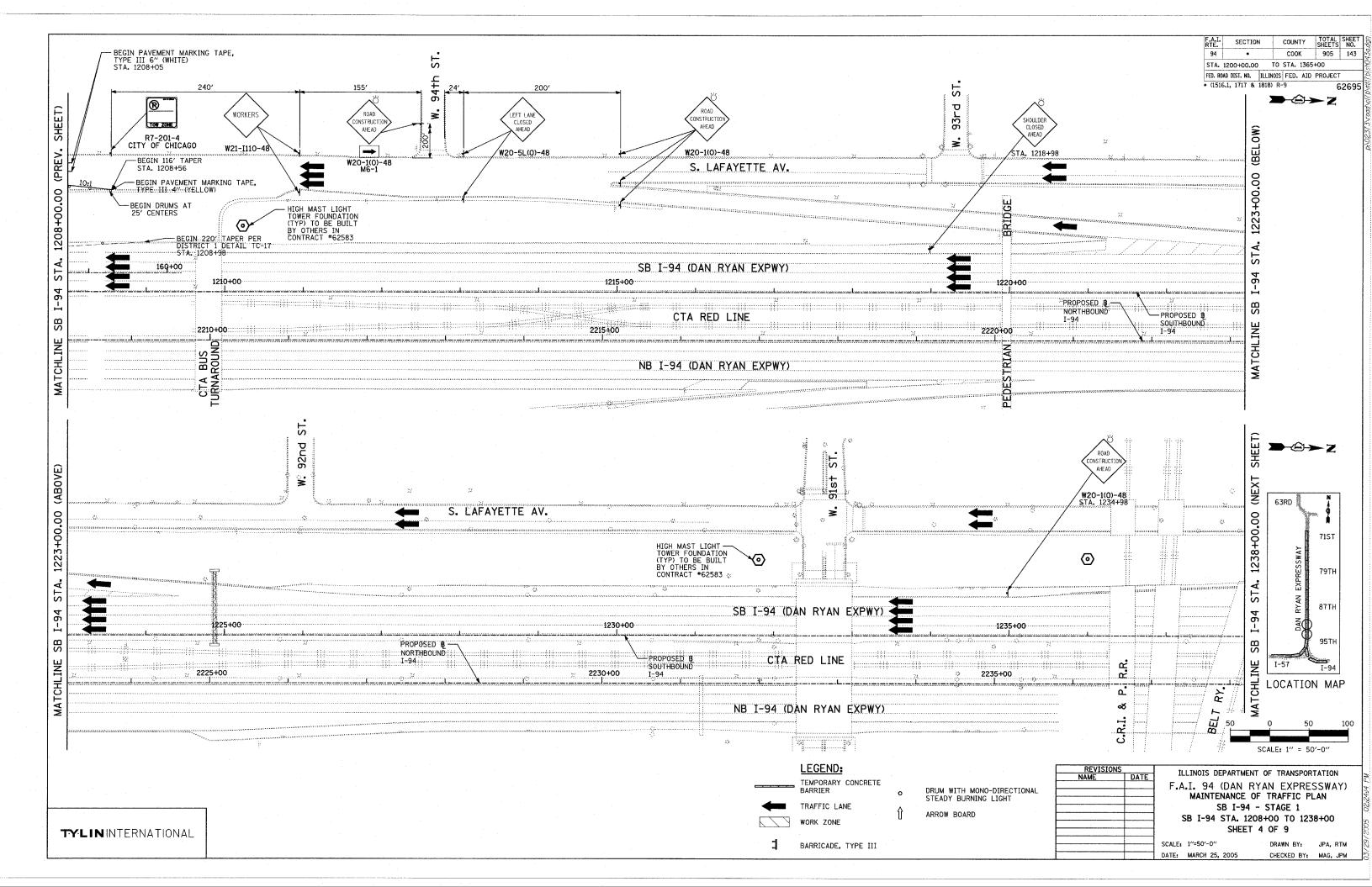
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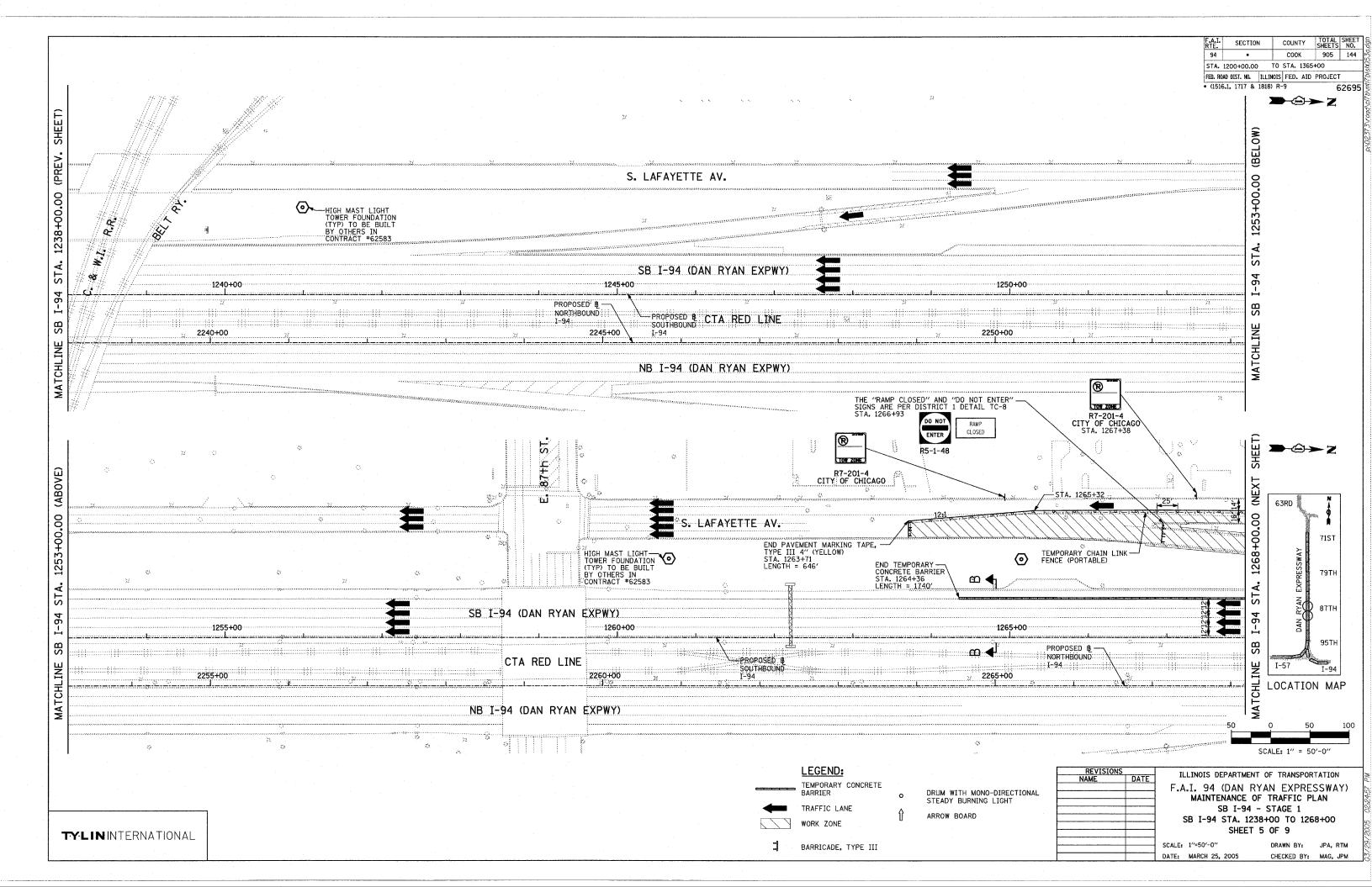
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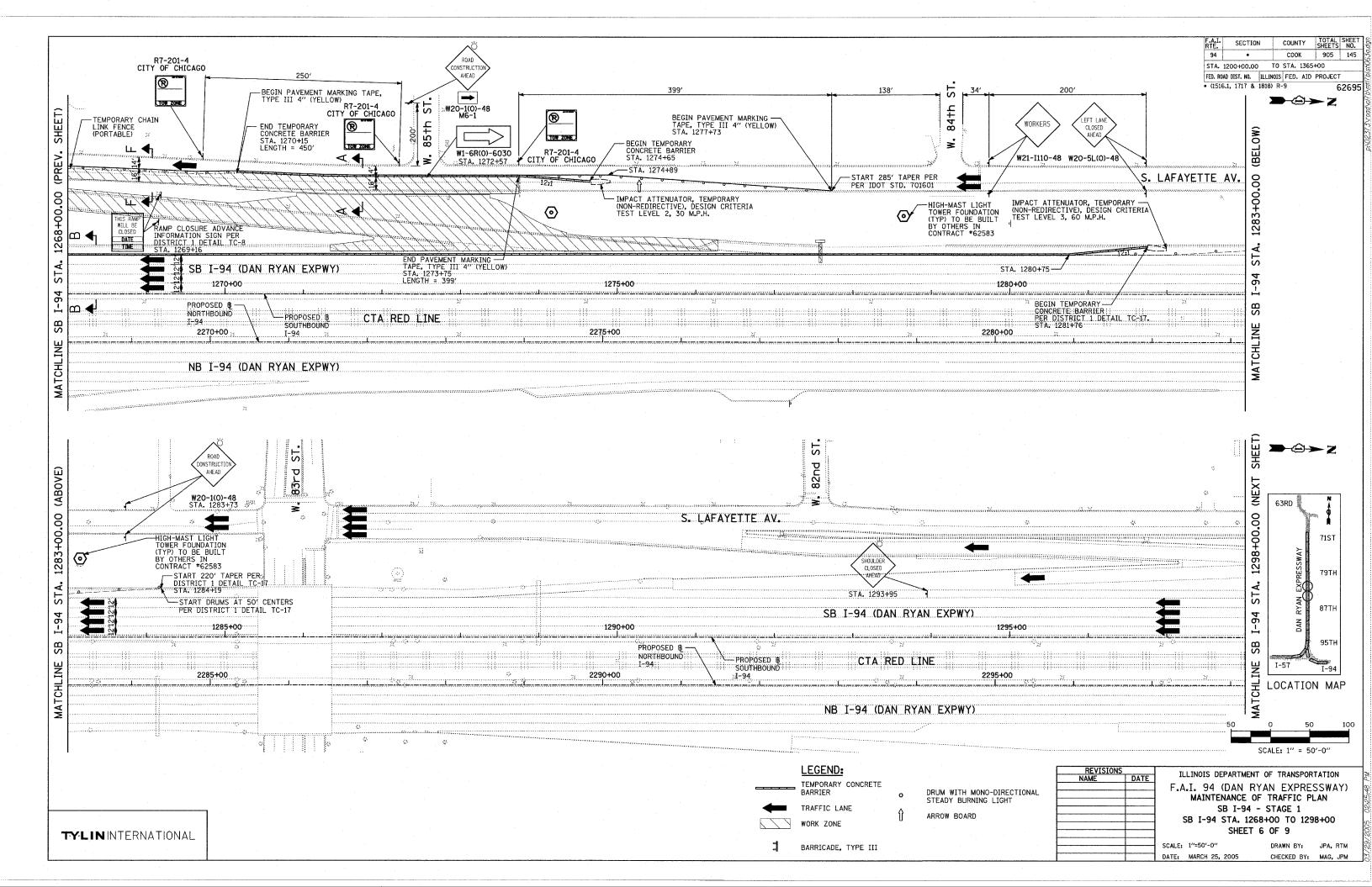


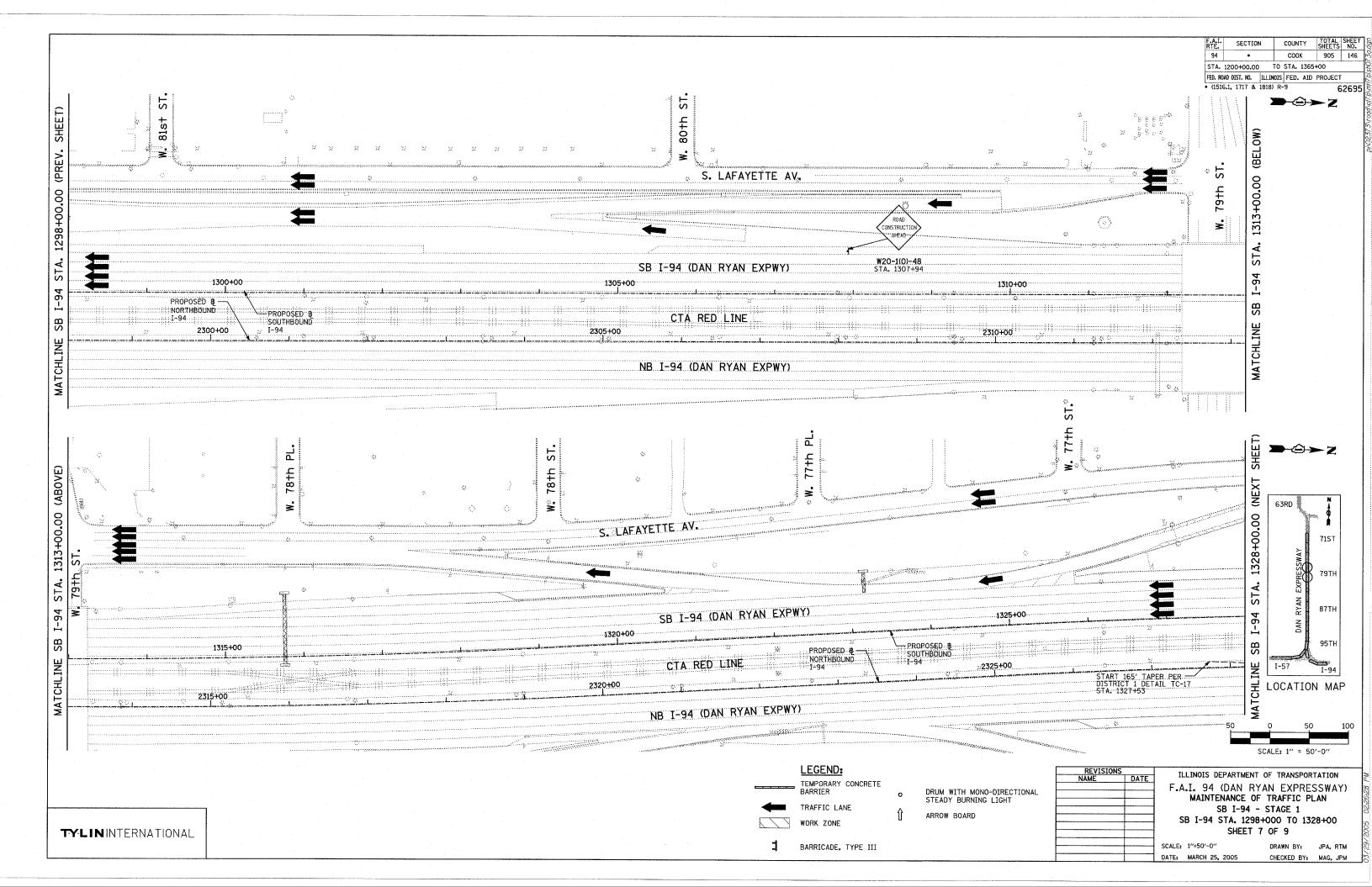


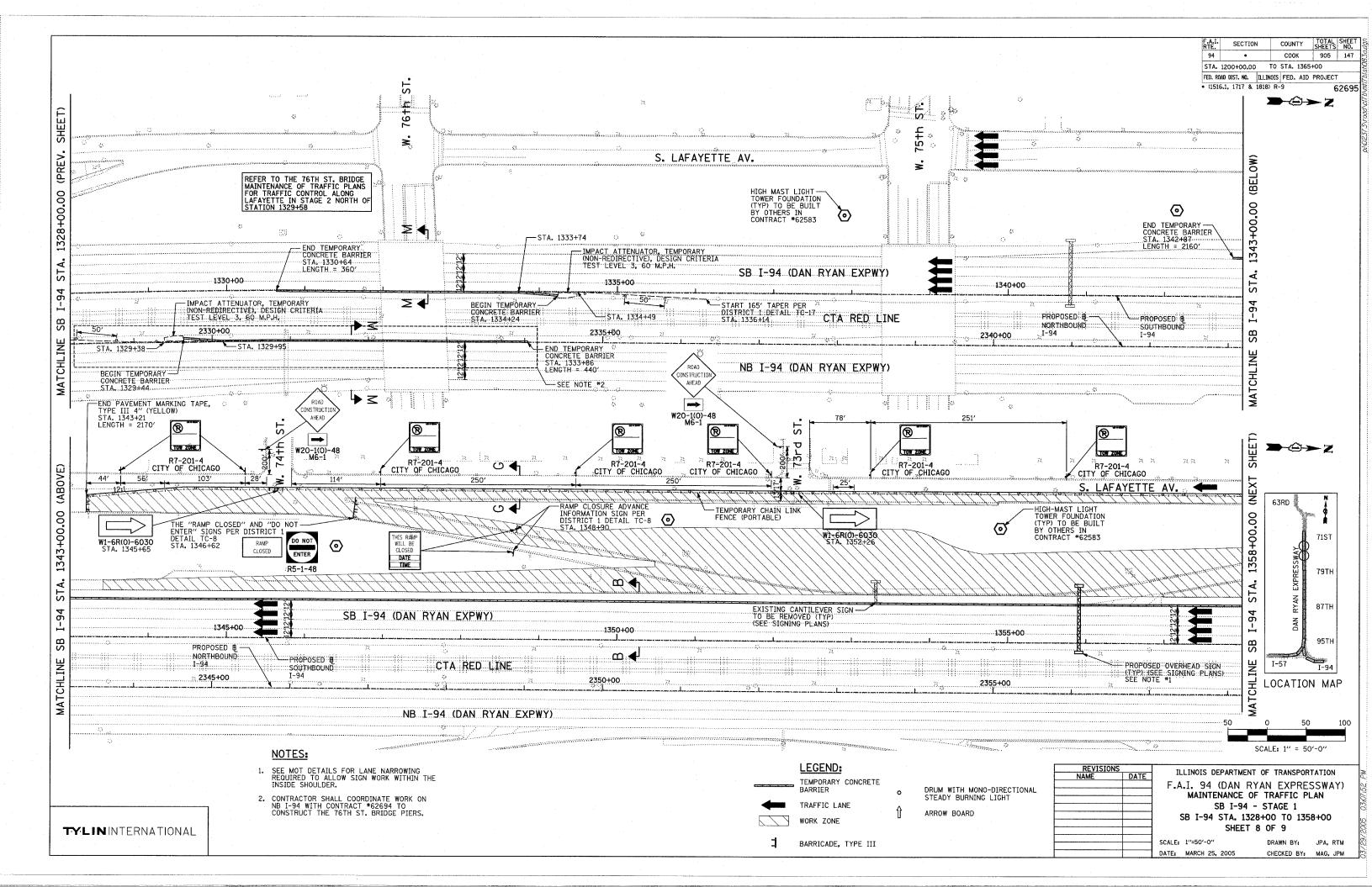


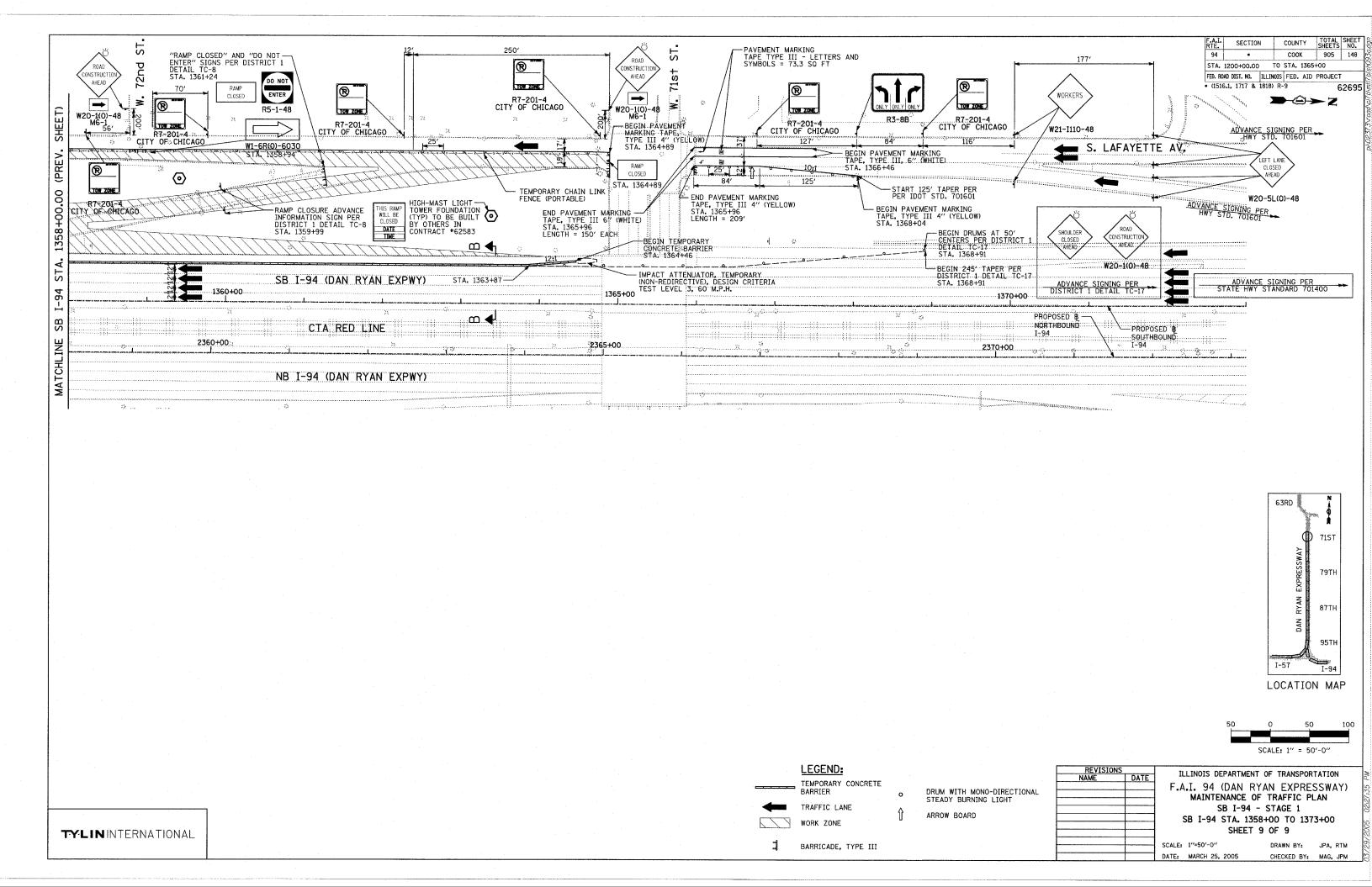


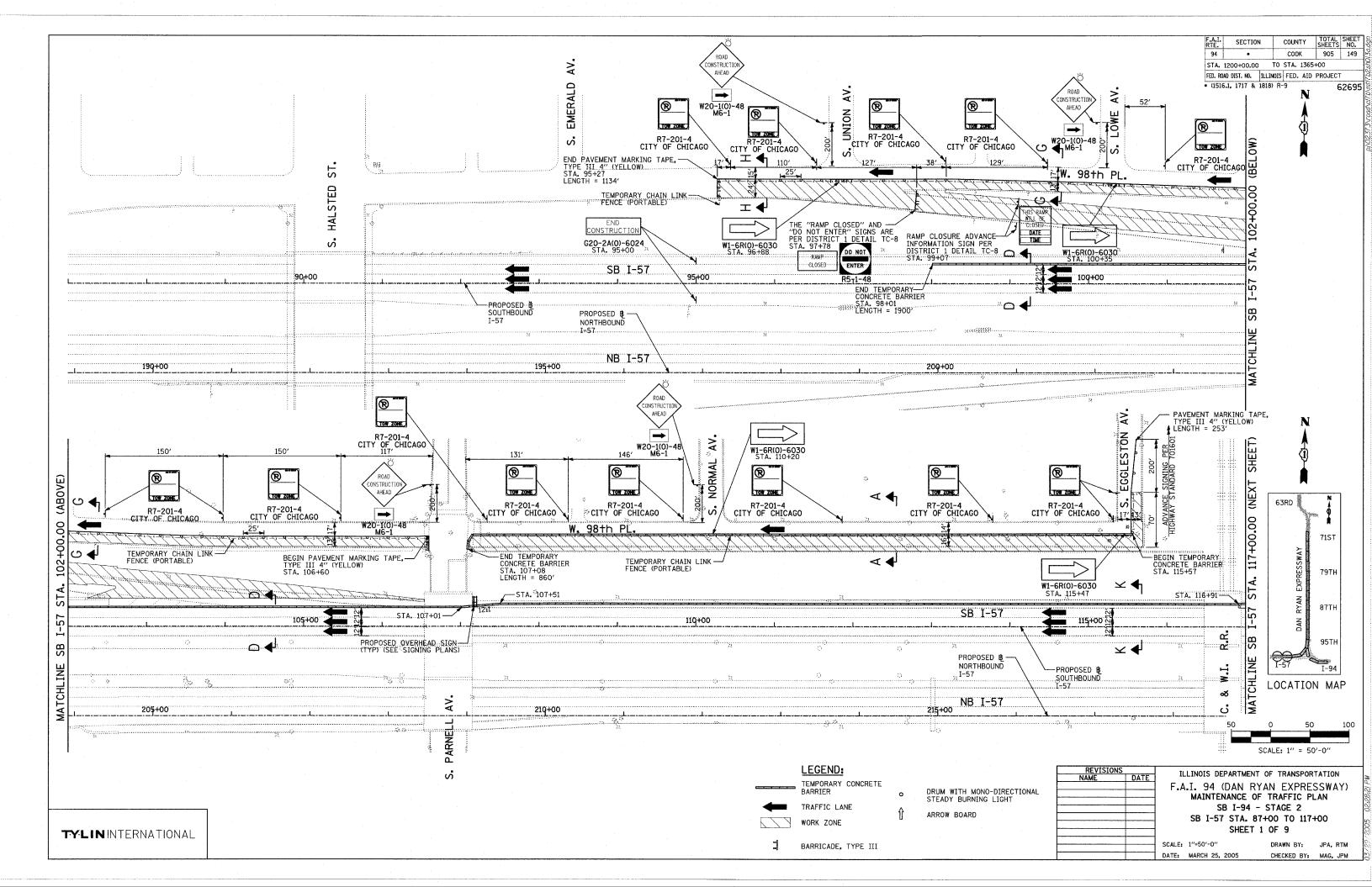


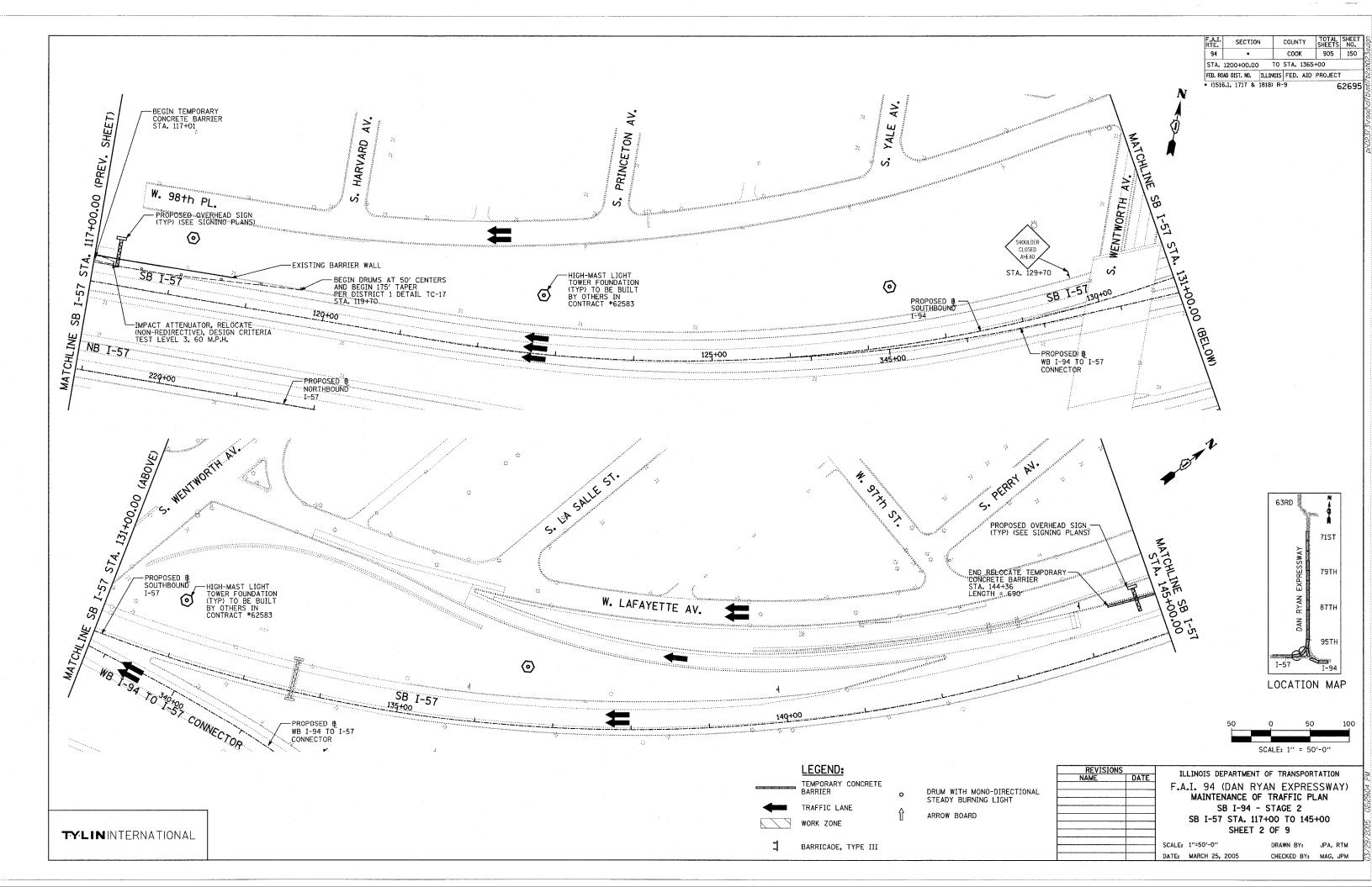


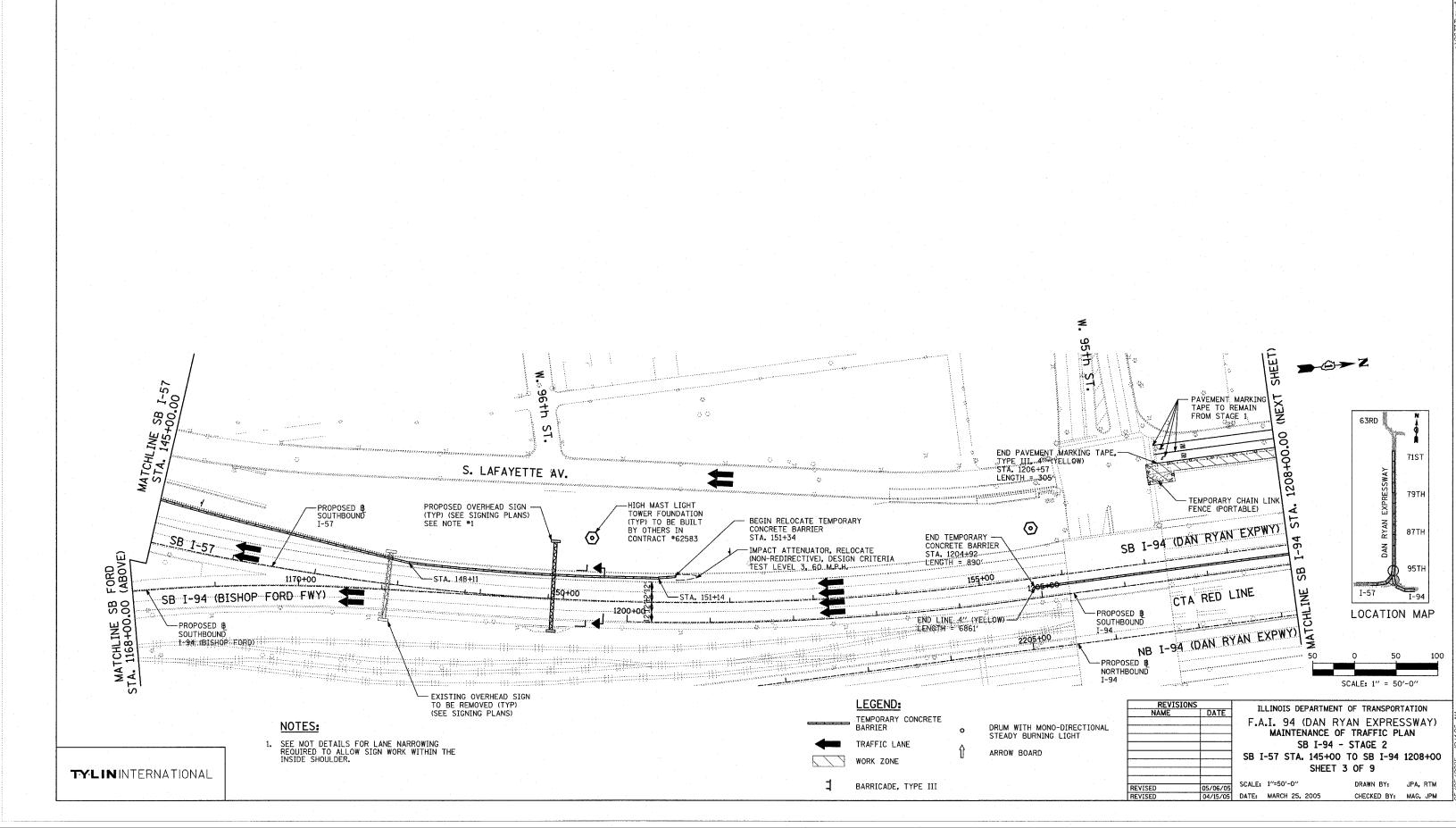












TOTAL SHEET SHEETS NO.

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COUNTY

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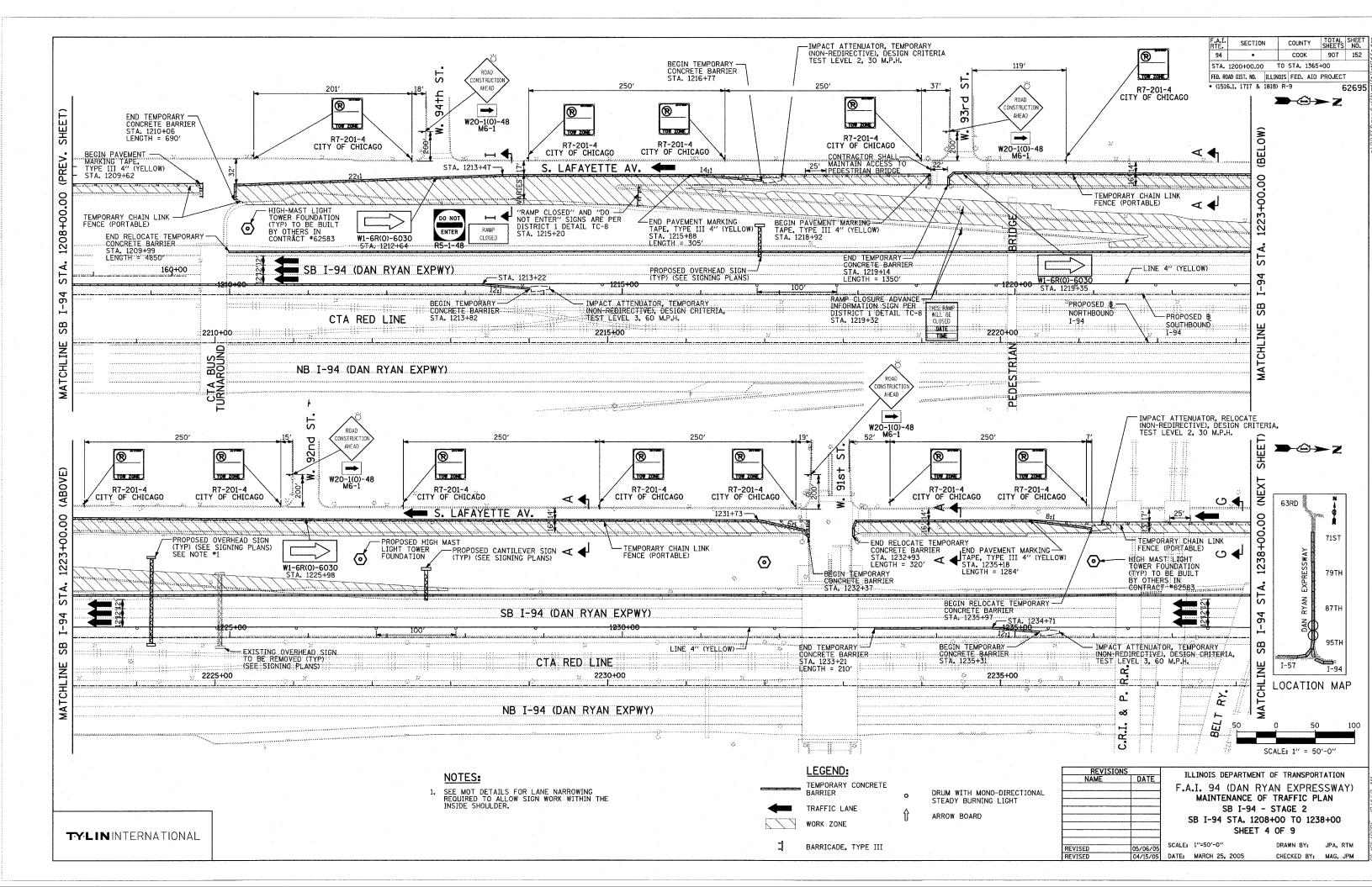
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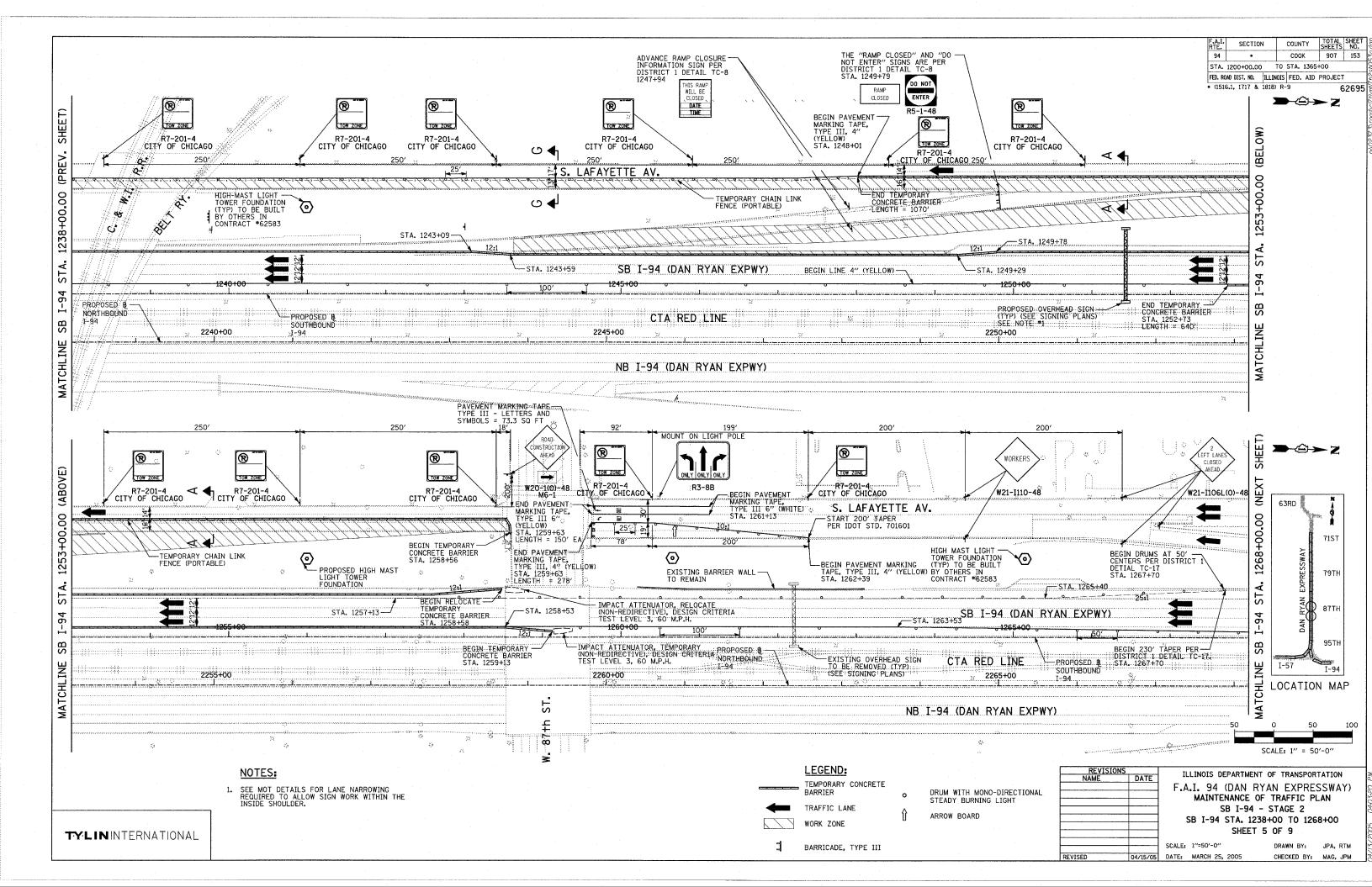
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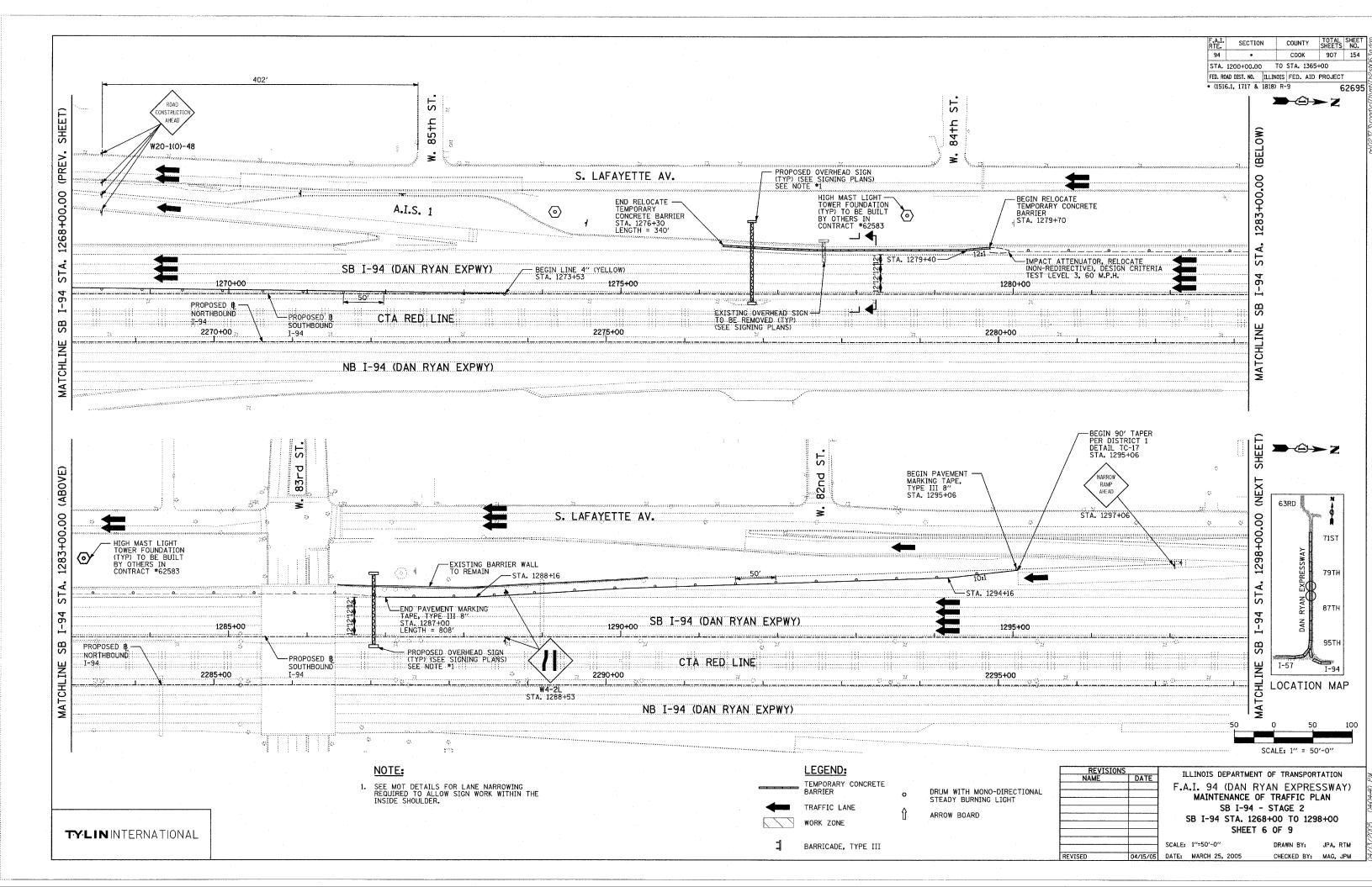
STA. 1200+00.00 TO STA. 1365+00

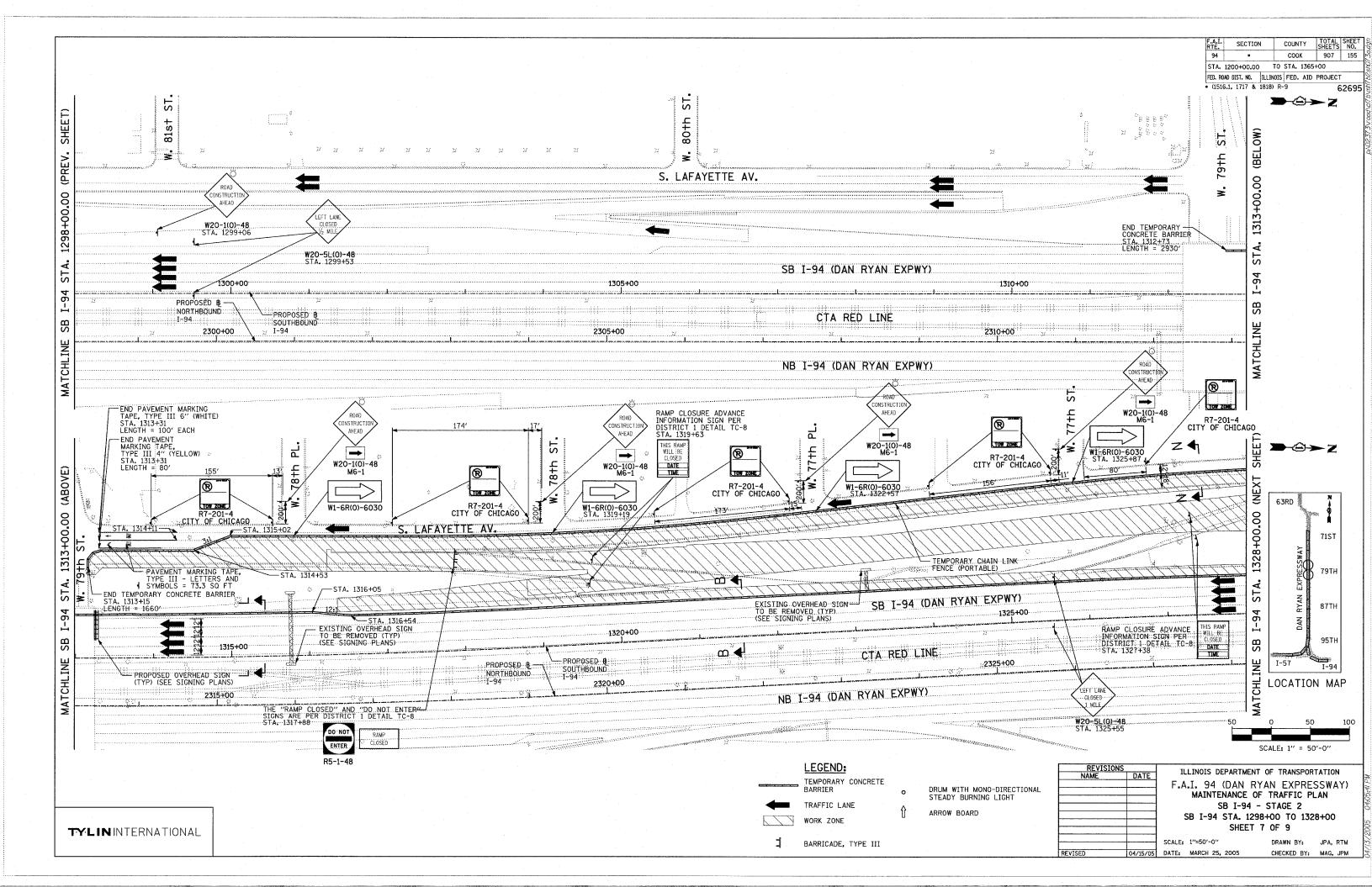
FED. ROAD DIST. NO. | ILLINOIS | FED. AID | PROJECT

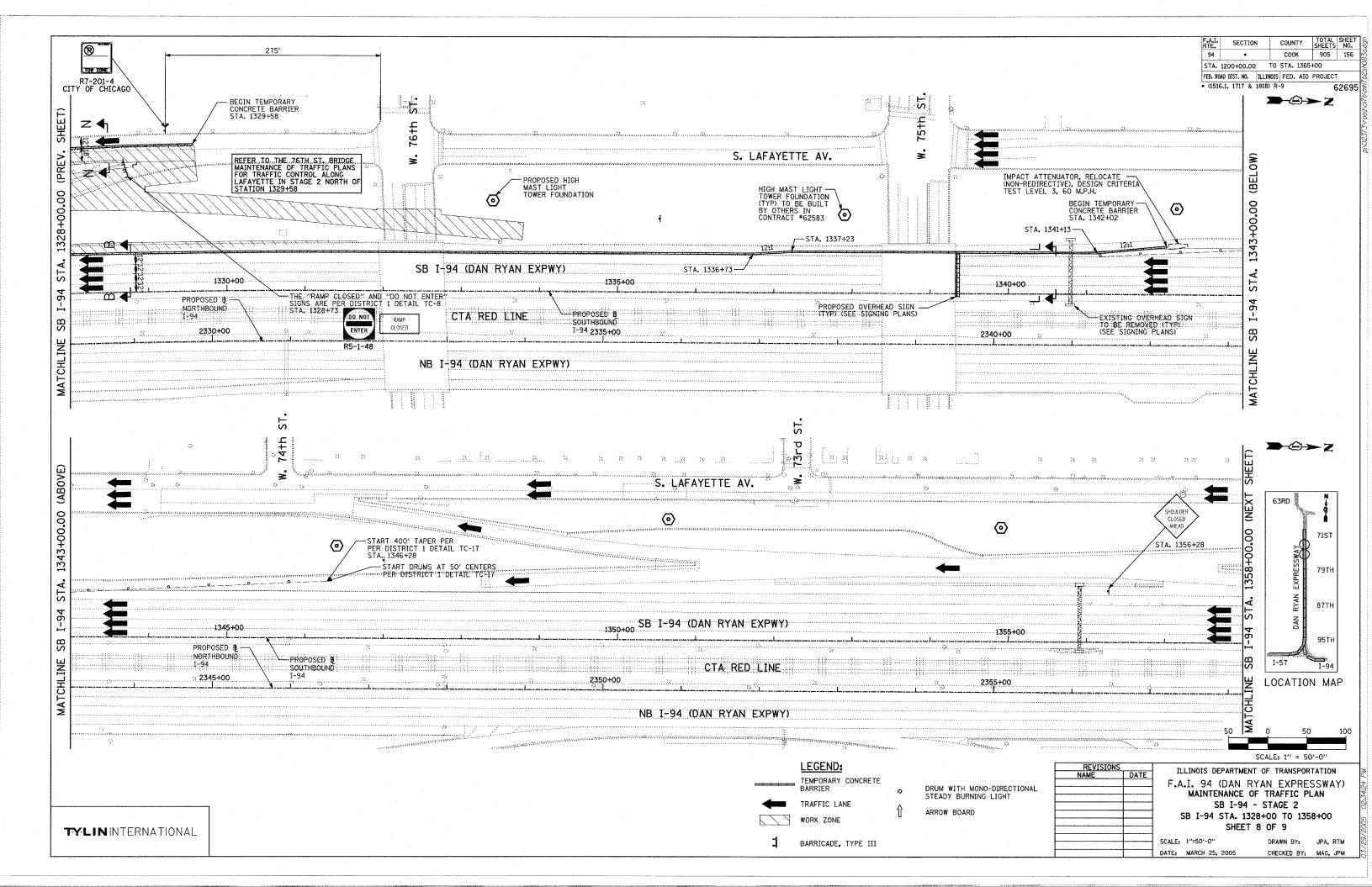
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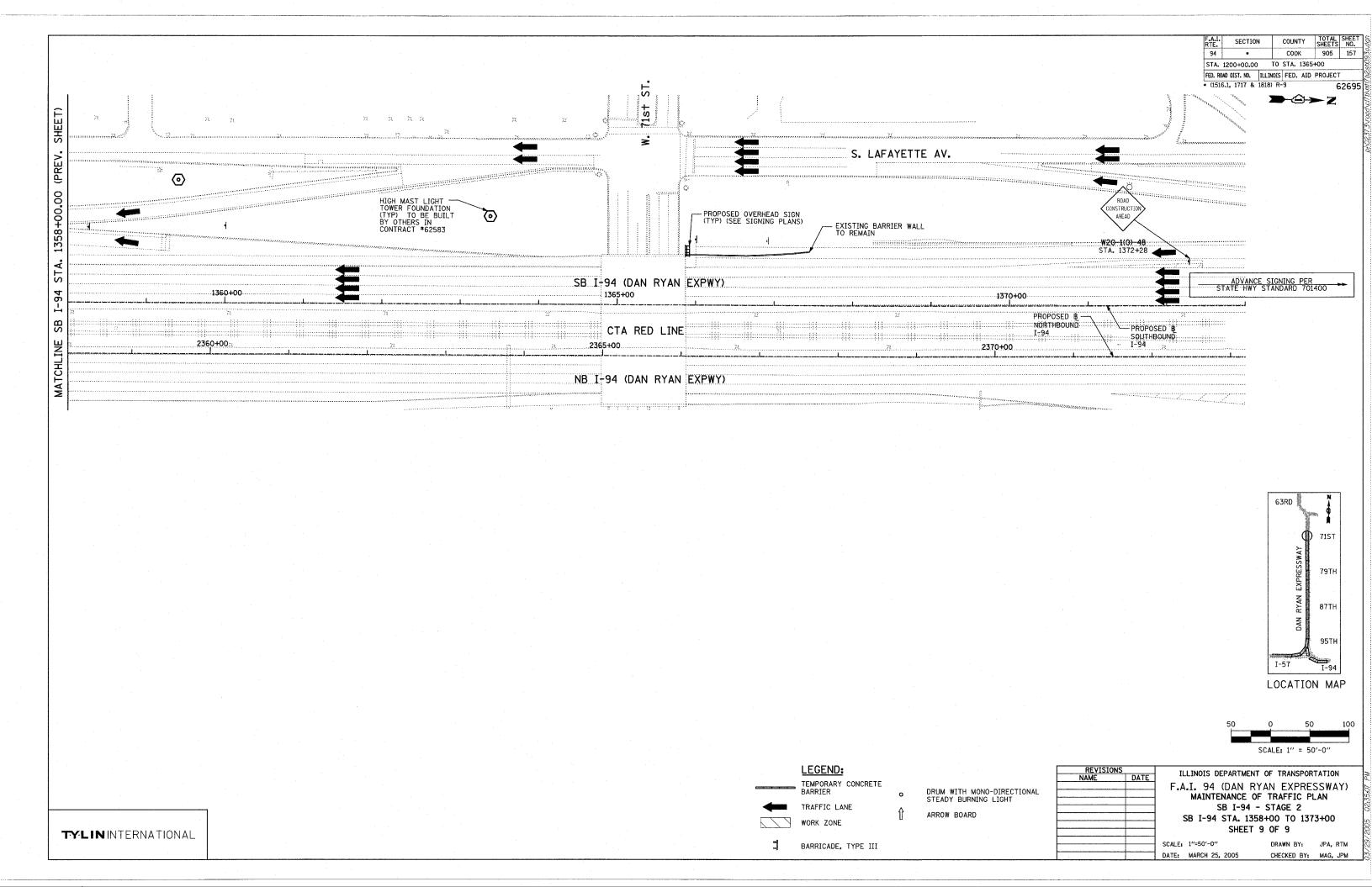












GENERAL NOTES

- 1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PUBLIC AND PRIVATE ENTRANCES.
- 2. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE CONTRACTORS ON THE ADJACENT CONTRACTS.
- 3. THE CONTRACTOR SHALL COORDINATE ALL TRAFFIC CLOSURES WITH THE LOCAL POLICE DEPARTMENT.
- THE CONTRACTOR SHALL USE PAVEMENT MARKING TAPE, TYPE III, ON ALL EXISTING SURFACES TO REMAIN AND ALL PERMANENT SURFACES.
- 5. ALL BARRICADES OR DRUMS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
- 6. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE COVERED AS DIRECTED BY THE ENGINEER.
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO TO IMPLEMENT A NO PARKING RESTRICTION ALONG 75TH STREET, 76TH STREET, LAFAYETTE AVENUE, AND STATE STREET WHILE TEMPORARY LANE CLOSURES ARE IN EFFECT. THE CONTRACTOR SHALL SCHEDULE THE WORK TO MINIMIZE THE LENGTH OF TIME PARKING IS RESTRICTED.
- TEMPORARY RAMPS SHALL BE CONSTRUCTED WITH BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19 N70 AS DIRECTED BY THE ENGINEER. CONSTRUCTION AND REMOVAL OF TEMPORARY RAMPS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 9. ALL DETOUR SIGNING SHALL BE INSTALLED PRIOR TO CLOSURES.
- 10. A SHOULDER CLOSURE OF THE INSIDE NORTHBOUND AND SOUTHBOUND I-94 SHOULDERS SHALL BE UTILIZED TO CONSTRUCT THE PROPOSED BRIDGE PIERS. SEE SOUTHBOUND I-94 STAGE 1 MAINTENANCE OF TRAFFIC PLANS.
- 11. ONLY TEMPORARY NIGHT TIME LANE CLOSURES ON 1-94 WILL BE ALLOWED FOR THE CONSTRUCTION OF THE PROPOSED BRIDGE PIERS, NO DAYTIME LANE CLOSURES WILL BE PERMITTED.

SUGGESTED CONSTRUCTION SEQUENCING - 76TH STREET

STAGE 1

- 1. REMOVE EXISTING BRIDGE SUPERSTRUCTURE AND PIERS.
- 2. CONSTRUCT PROPOSED BRIDGE PIERS. SEE GENERAL NOTES 10 AND 11.
- 3. BEGIN CONSTRUCTION OF PROPOSED BRIDGE ABUTMENTS AND WING WALLS.

STAGE 2

- 1. COMPLETE CONSTRUCTION OF PROPOSED BRIDGE ABUTMENTS AND WING WALLS.
- 2. CONSTRUCT PROPOSED BRIDGE SUPERSTRUCTURE.
- 3. CONTRUCT PROPOSED CURB AND GUTTER AND PPC BASE COURSE ON THE EAST SIDE OF LAFAYETTE AVENUE.
- 4. REMOVE EXSITING BARRIER MEDIANS AND BEGIN CONTRUCTION OF PROPOSED LANDSCAPE MEDIANS ON 76TH STREET WEST OF LAFAYETTE AVENUE AND EAST
- 5. CONSTRUCT PROPOSED CURB & GUTTER AND PROPOSED PPC SIDEWALK ON:
 - A. THE WEST SIDE OF STATE STREET
 - B. THE NORTH SIDE OF 76TH STREET WEST OF LAFAYETTE AVENUE
 - C. THE SOUTH SIDE OF 76TH STREET EAST OF STATE STREET
- 6. CONSTRUCT PROPOSED PAVEMENT RESURFACING TO THE PROPOSED BINDER COURSE ON:
 - A. THE EAST SIDE OF LAFAYETTE AVENUE
 - B. THE WEST SIDE OF STATE STREET
 - C. THE NORTH SIDE OF 76TH STREET WEST OF LAFAYETTE AVENUE
 - D. THE SOUTH SIDE OF 76TH STREET EAST OF STATE STREET
- 7. CONSTRUCT TEMPORARY RAMPS AT THE 76TH STREET INTERSECTIONS WITH LAFAYETTE AVENUE AND STATE STREETTO TRANSISITION BETWEEN THE PROPOSED BINDER COURSE ELEVATION AND THE EXISITNG PAVEMENT ELEVATION AS REQUIRED. SEE GENERAL NOTE 8.

STAGE 2A

- 1. COMPLETE CONTRUCTION OF PROPOSED LANDSCAPE MEDIANS ON 76TH STREET WEST OF LAFAYETTE AVENUE AND EAST OF STATE STREET.
- 2. CONSTRUCT PROPOSED PAVEMENT RESURFACING TO THE PROPOSED BINDER COURSE FOR THE INSIDE TRAVEL LANE ON:
 - A. THE SOUTH SIDE OF 76TH STREET WEST OF LAFAYETTE AVENUE
 - B. THE NORTH SIDE OF 76TH STREET EAST OF STATE STREET
- 3. CONSTRUCT TEMPORARY RAMPS AT THE 76TH STREET INTERSECTIONS WITH LAFAYETTE AVENUE AND STATE STREET TO TRANSISITION BETWEEN THE PROPOSED BINDER COURSE ELEVATION AND THE EXISITNG PAVEMENT ELEVATION AS REQUIRED. SEE GENERAL NOTE 8.

STAGE 2B

- 1. CONSTRUCT PROPOSED CURB AND GUTTER, PPC SIDEWALK AND CONSTRUCT PROPOSED PAVEMENT RESURFACING TO THE PROPOSED BINDER COURSE ON:
 - A. THE WEST SIDE OF LAFAYETTE AVENUE
 - B. THE EAST SIDE OF STATE STREET
 - C. THE SOUTH SIDE OF 76TH STREET WEST OF LAFAYETTE AVENUE
 - D. THE NORTH SIDE OF 76TH STREET EAST OF STATE STREET
- 2. CONSTRUCT TEMPORARY RAMPS AT THE 76TH STREET INTERSECTIONS WITH LAFAYETTE AVENUE AND STATE STREET TO TRANSISITION BETWEEN THE PROPOSED BINDER COURSE ELEVATION AND THE EXISITNG PAVEMENT ELEVATION AS REQUIRED. SEE GENERAL NOTE 8.

STAGE 2C

1. CONSTRUCT PROPOSED BITUMINOUS SURFACE COURSE ON 76TH STREET,

F.A.I. RTE.	• SECTION		COUNTY		TOTAL	SHEET NO.	
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* (1516.1, 1717 & 1818) R-9

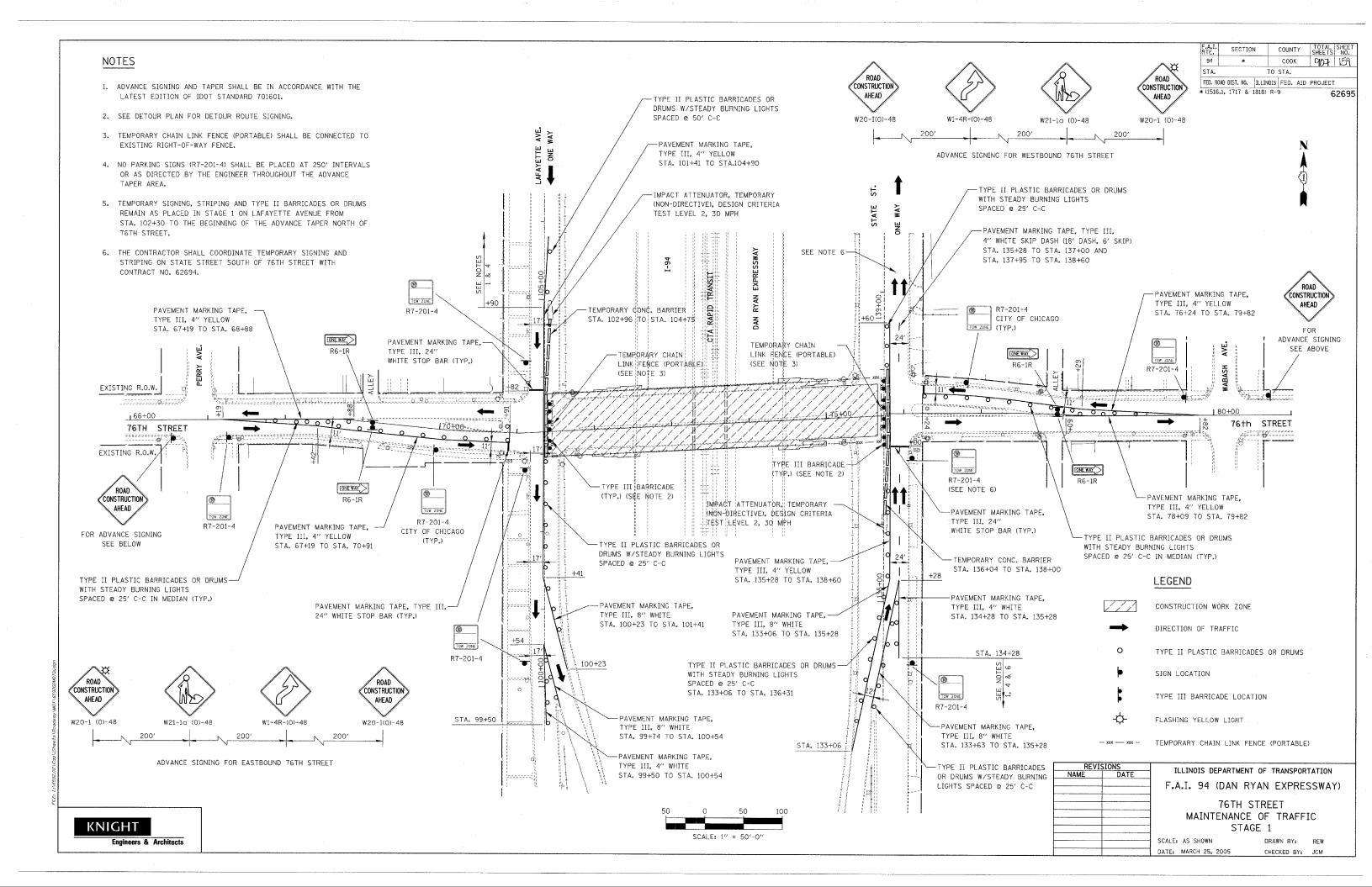
ILLINOIS DEPARTMENT OF TRANSPORTATION

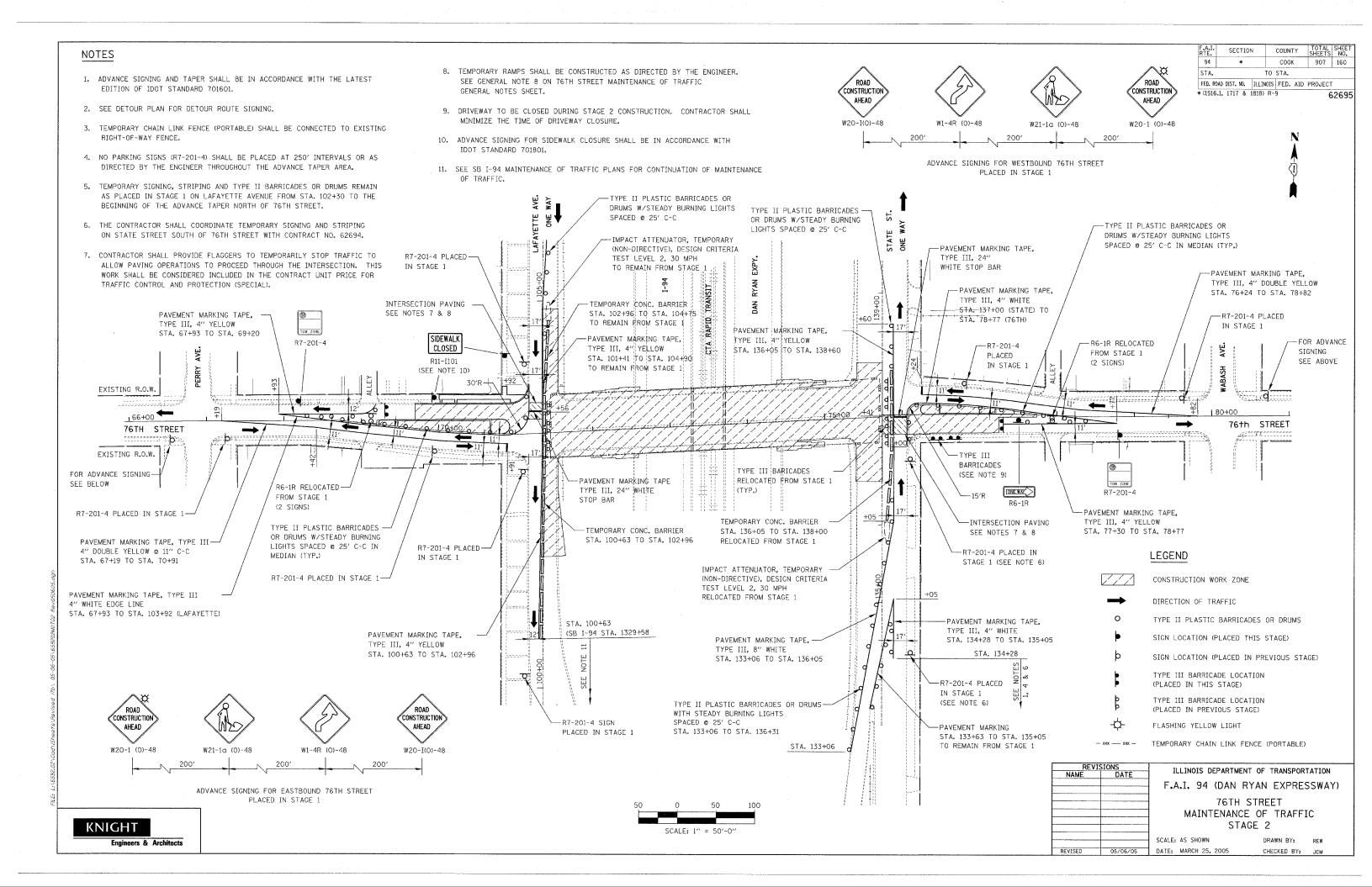
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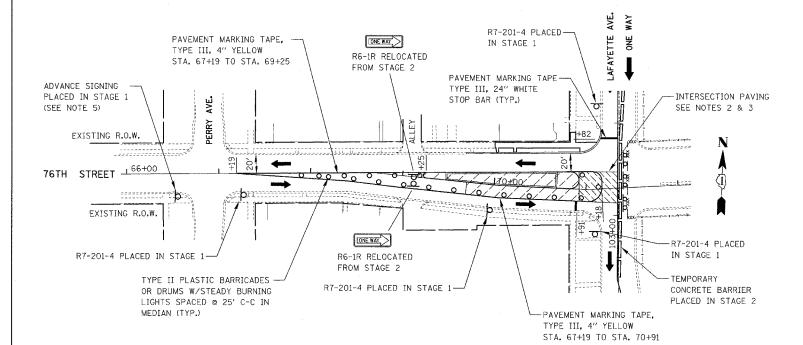
F.A.I. 94 (DAN RYAN EXPRESSWAY) LAFAYETTE AVENUE AND STATE STREET. 76TH STREET MAINTENANCE 2. PLACE PERMANENT PAVEMENT MARKINGS. OF TRAFFIC GENERAL NOTES AND SUGGESTED CONSTRUCTION SEQUENCING **KNIGHT** 3. COMPLETE FINAL RESTRORATION. SCALE: NONE 05/06/05 DATE: MARCH 25, 2005 REVISED





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* (1516.1, 1717 & 1818) R-9



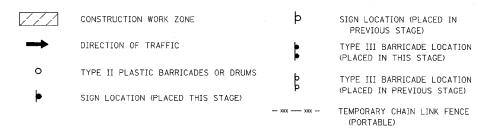
76TH STREET

STAGE 2A - LAFAYETTE AVENUE

--PAVEMENT MARKING TAPE, TYPE II PLASTIC BARRICADES OR TYPE III, 4" YELLOW DRUMS W/STEADY BURNING LIGHTS STA. 76+24 TO STA. 79+82 -R7-201-4 PLACED SPACED @ 25' C-C IN MEDIAN (TYP.) IN STAGE 1 -R7-201-4 PLACED IN STAGE 1 FOR ADVANCE SIGNING PLACED IN STAGE 1 (SEE NOTE 5) 1-75:+00 +00 -TYPE III BARRICADES PLACED IN STAGE 2 (SEE NOTE 4) R7-201-4 PLACED IN STAGE 1 INTERSECTION PAVING--R6-1R RELOCATED SEE NOTES 2 & 3 FROM STAGE 2 (2 SIGNS) R7-201-4 PAVEMENT MARKING TAPE--R7-201-4 PLACED TYPE III, 24" WHITE IN STAGE 1 STOP BAR (TYP.)

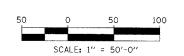
76TH STREET
STAGE 2A - STATE STREET

LEGEND



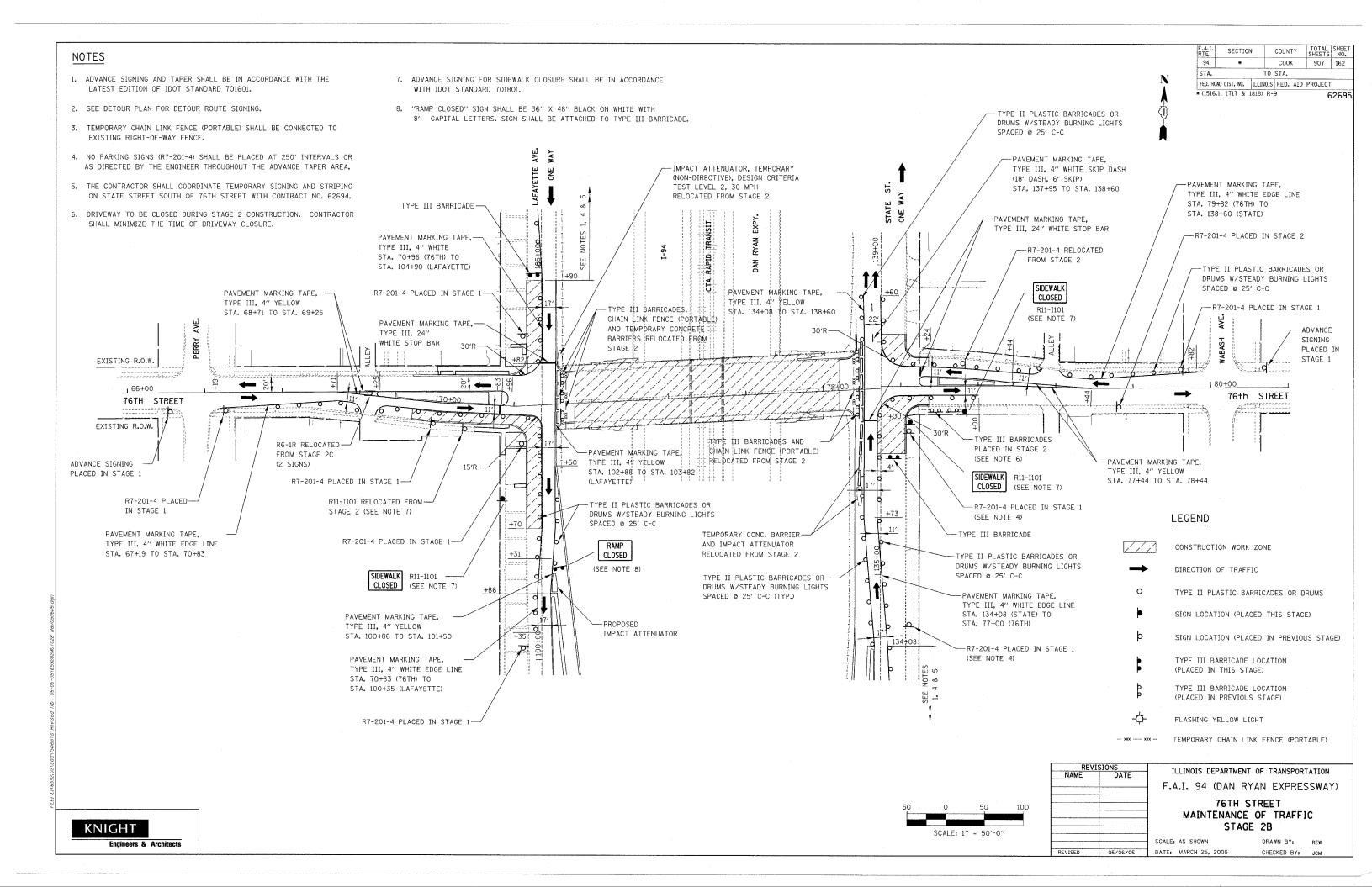
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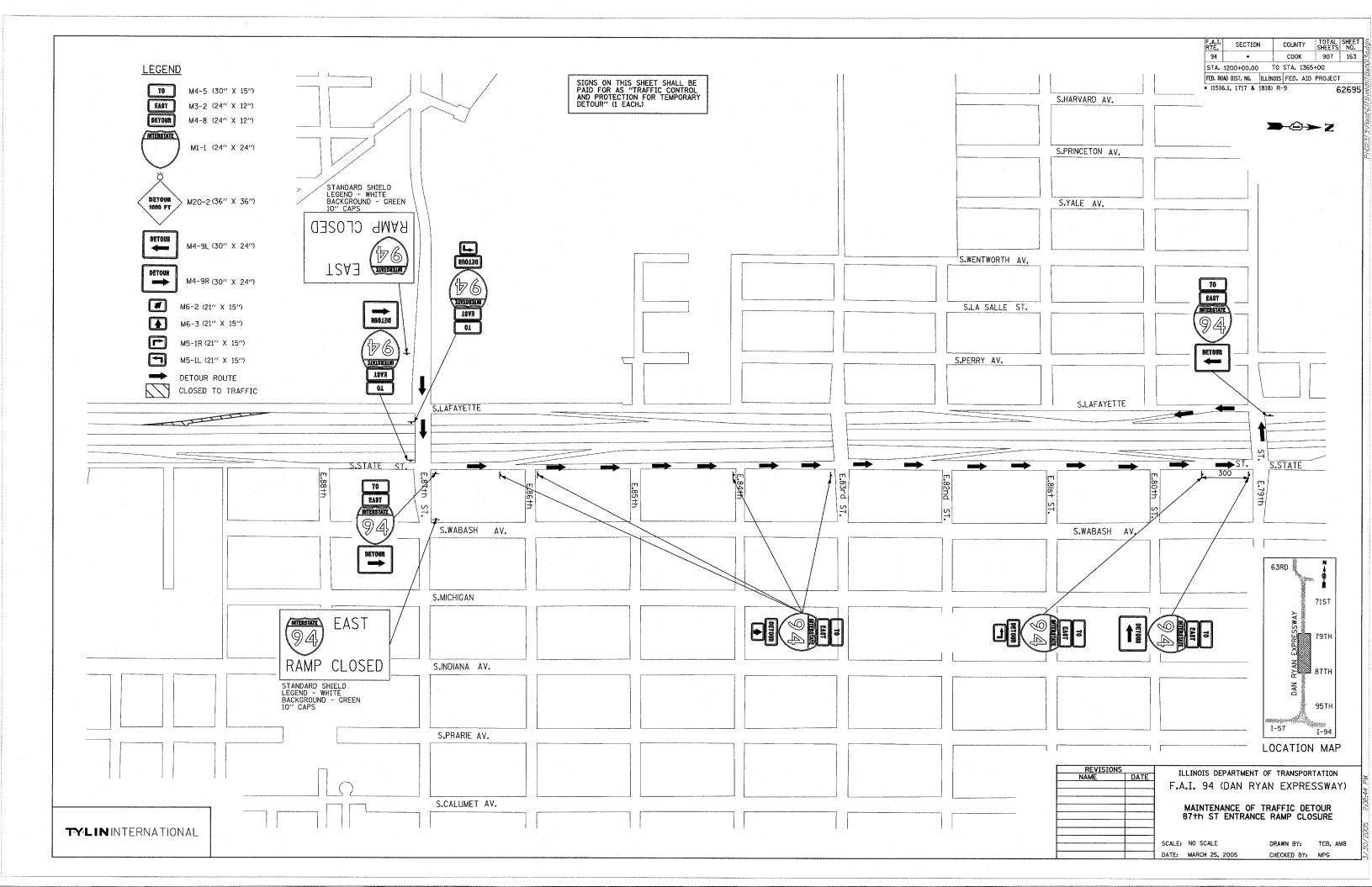
- 1. SEE DETOUR PLAN FOR DETOUR ROUTE SIGNING.
- 2. CONTRACTOR SHALL PROVIDE FLAGGERS TO TEMPORARILY STOP TRAFFIC TO ALLOW PAVING OPERATIONS TO PROCEED THROUGH THE INTERSECTION. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 3. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER. SEE GENERAL NOTE 8 ON 76TH STREET MAINTENANCE OF TRAFFIC GENERAL NOTES DRAWING.
- 4. DRIVEWAY TO BE CLOSED DURING STAGE 2 CONSTRUCTION.
 CONTRACTOR SHALL MINIMIZE THE TIME OF DRIVEWAY
 CLOSURE
- 5. FOR ADVANCE SIGNING SEE 76TH STREET MAINTENANCE OF TRAFFIC STAGE 1 PLAN.

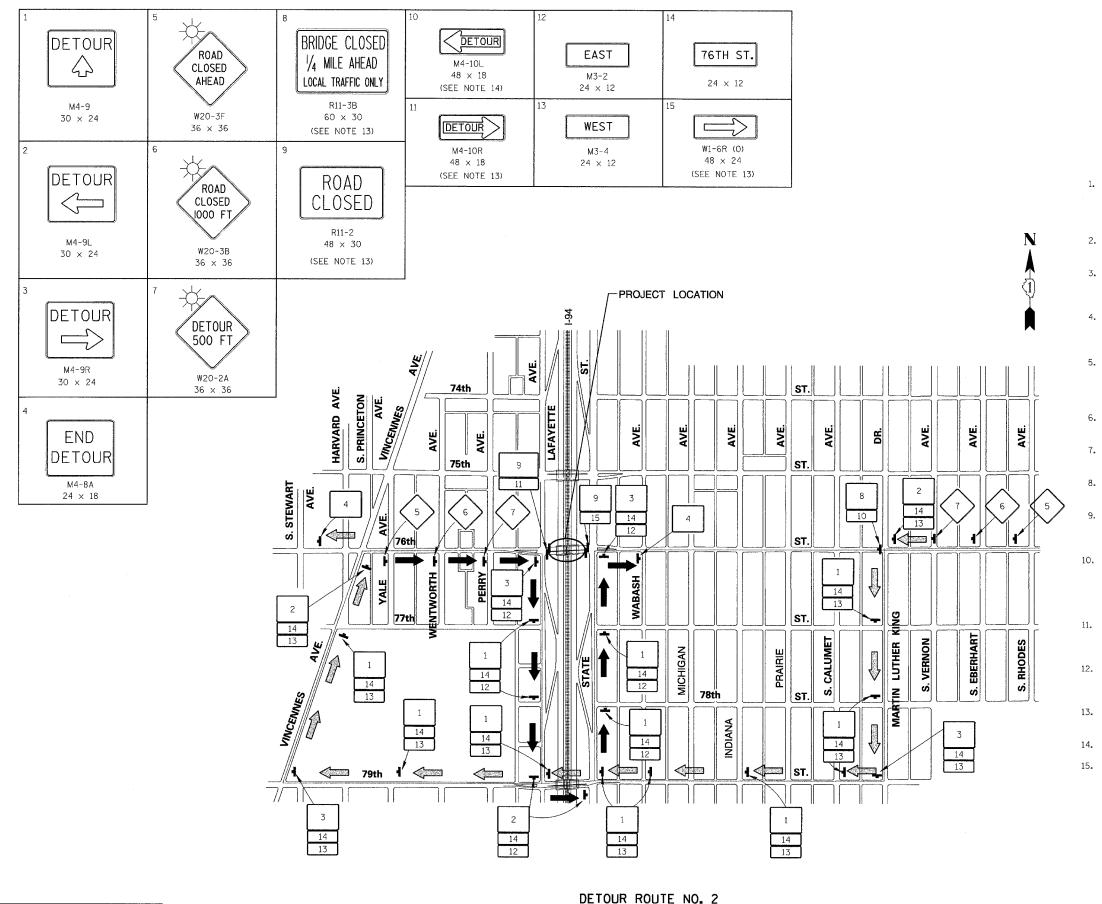


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION				
NAME	DATE	LECTIONS DEL ARTIMENT OF TRANSFORTATION				
		F.A.I. 94 (DAN R	YAN EXPRESSWAY)			
		76TH STREET MAINTENANCE				
		SCALE: AS SHOWN	DRAWN BY: REW			
REVISED	05/06/05	DATE: MARCH 25, 2005	CHECKED BY: JCM			

KNIGHT
Engineers & Architect







TRAFFIC CONTROL DETOUR GENERAL NOTES

SECTION

* (1516.1, 1717 & 1818) R-9

STA.

COUNTY

62695

TO STA.

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

- 1. ALL SIGNING SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2002. THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- 2. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE LENGTH OF TIME THAT THE DETOUR NEEDS TO BE IN EFFECT.
- 3. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL OFFICIALS AND INTERESTED PARTIES.
- 4. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING TO IT THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THIS DETOUR IS IN EFFECT.
- 6. THE CONTRACTOR SHALL MAKE ALL CHANGES IN THE SIGNING AS DIRECTED BY THE ENGINEER.
- 7. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR.
- 8. ALL DETOUR SIGNING SHALL BE POST MOUNTED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 9. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON ORANGE HIGH INTENSITY BACKGROUNDS AND STANDARD BLACK BORDERS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION.
- 10. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A LOW INTENSITY FLASHING LIGHTS IN ARTICLE 718.17 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- 11. TYPE III BARRICADES, AND THIER APPLICATION, SHALL CONFORM TO HIGHWAY STANDARD 702001. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORT.
- 12. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDE OF THE BARRICADES.
- 13. R11-2, R11-3B, M4-10R AND W1-6R SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE TYPE III BARRICADE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 14. M4-10L SIGN SHALL BE MOUNTED ON THE TYPE III BARRICADE.
- 15. THE ENGINEER SHALL BE NOTIFIED AT LEAST 2 DAYS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL OFFICIALS AND INTERESTED PARTIES.

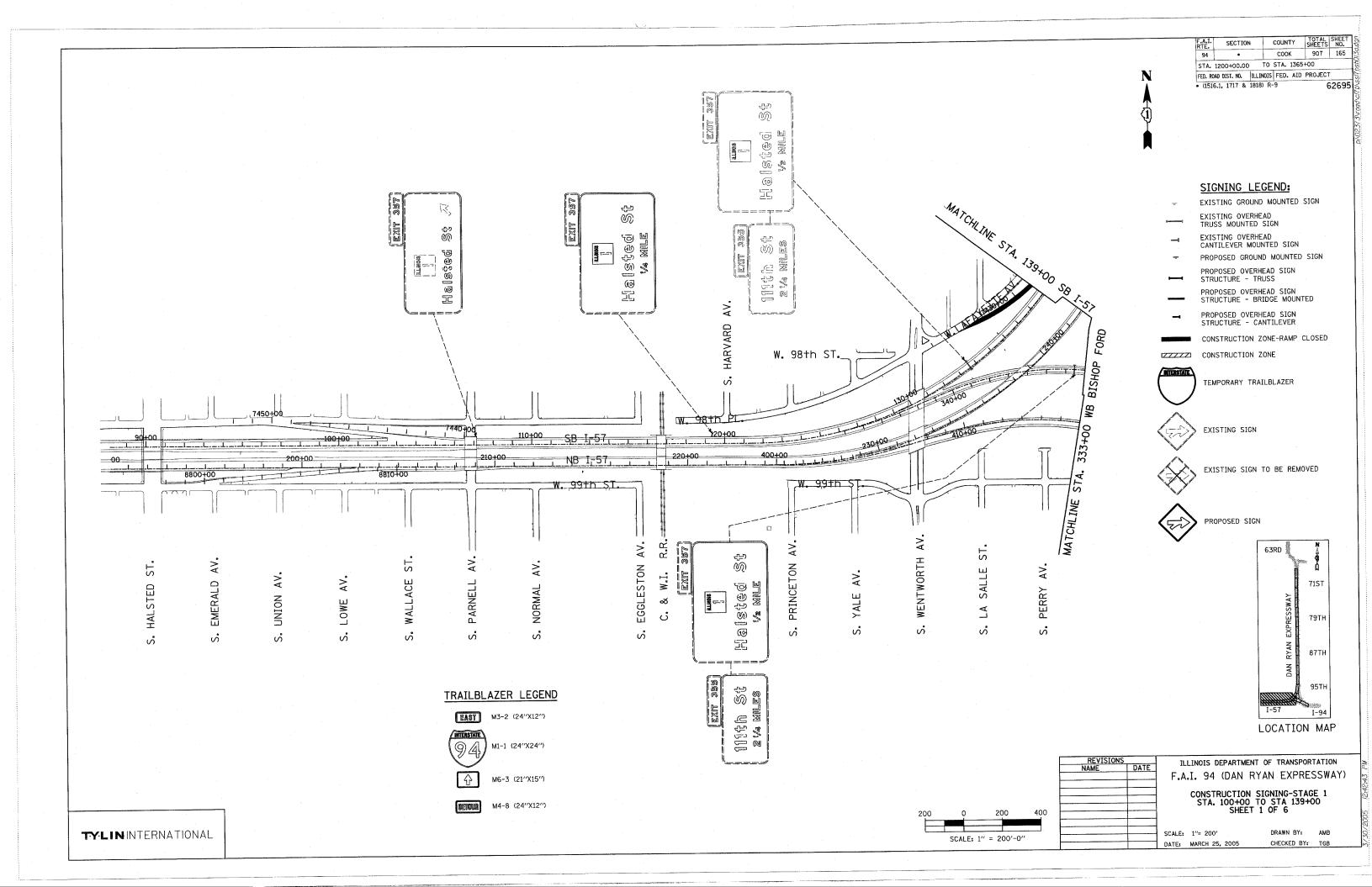
REVISIONS
NAME DATE

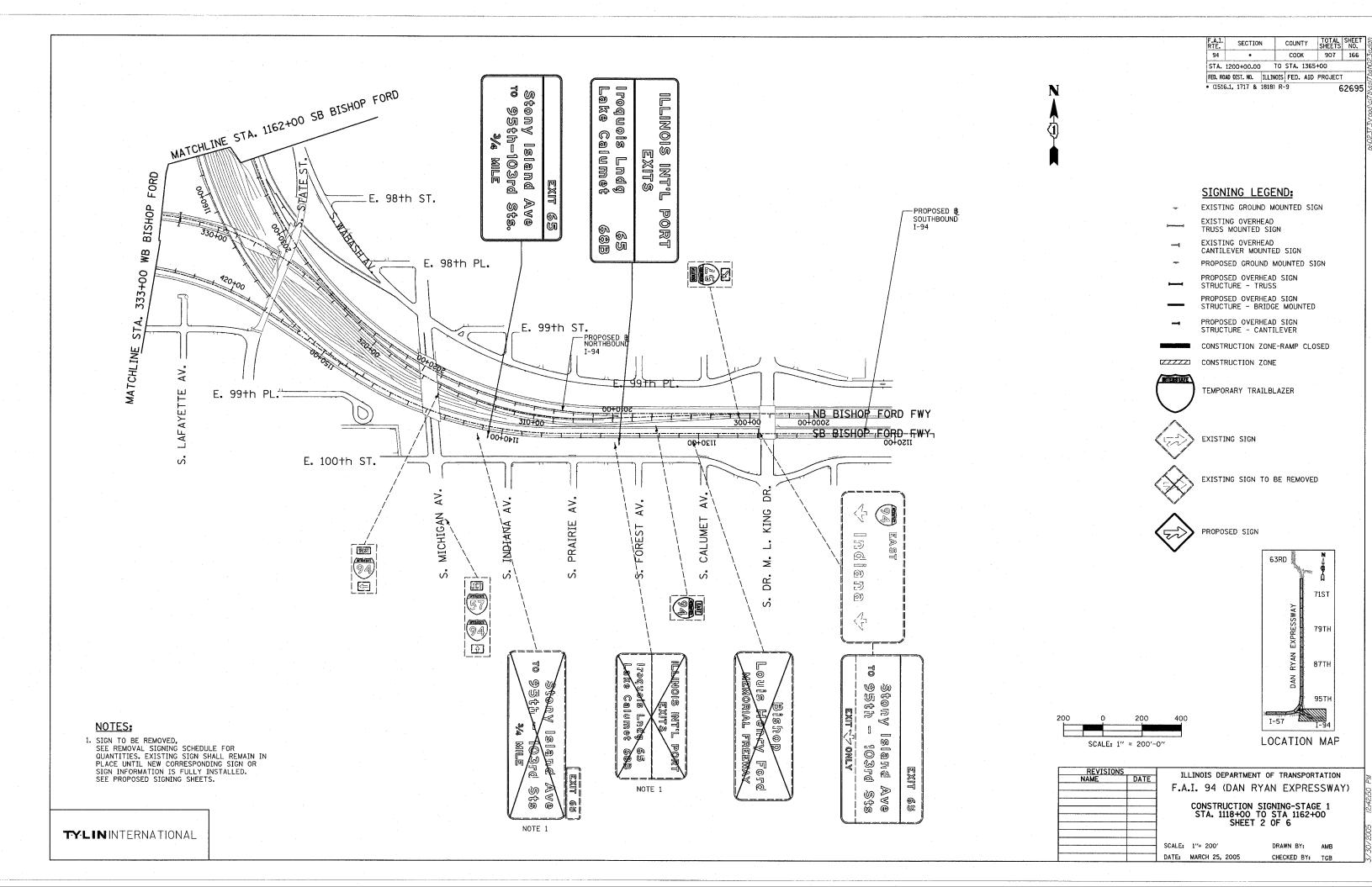
F.A.I. 94 (DAN RYAN EXPRESSWAY)

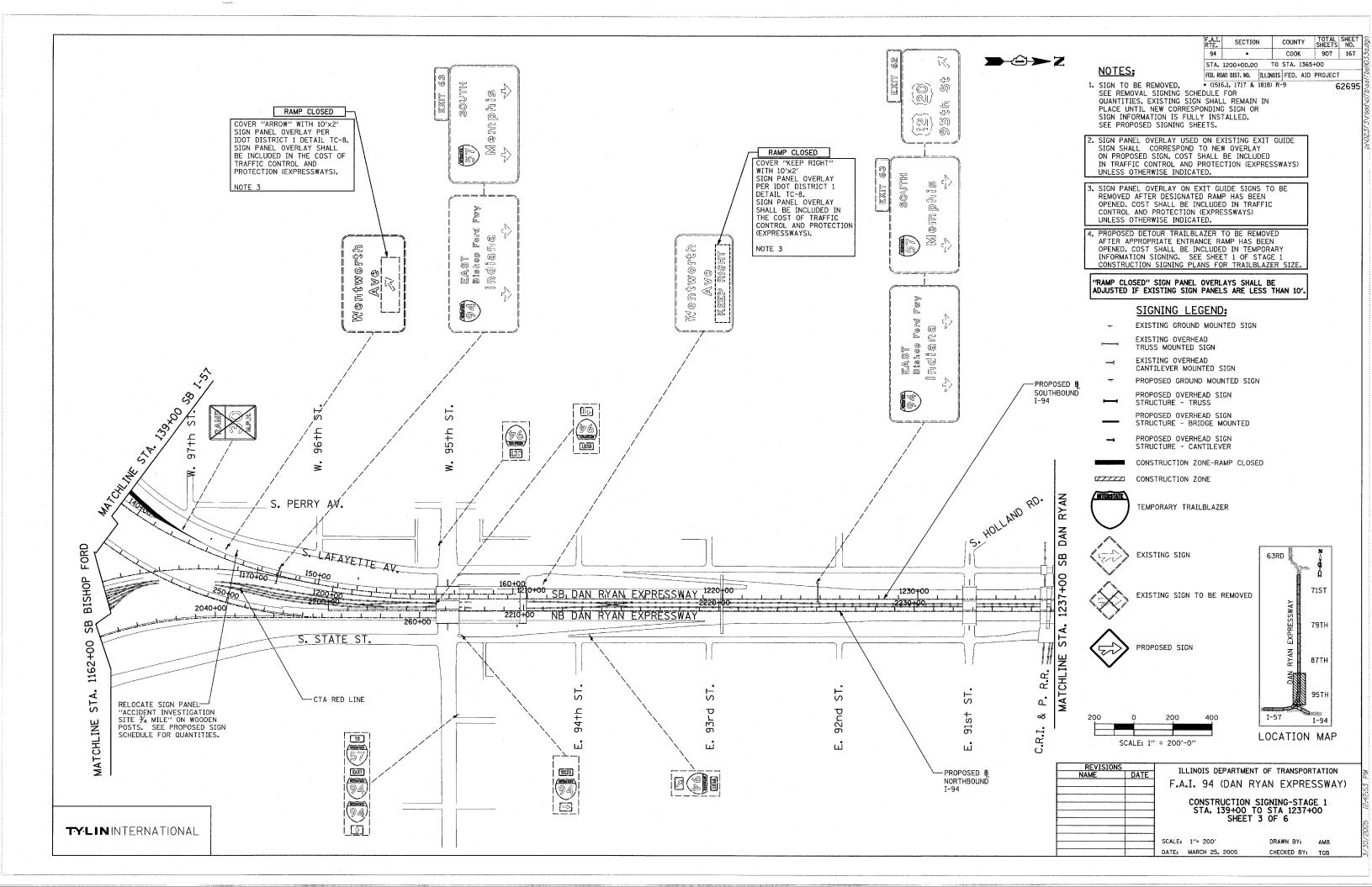
76TH STREET
DETOUR PLAN

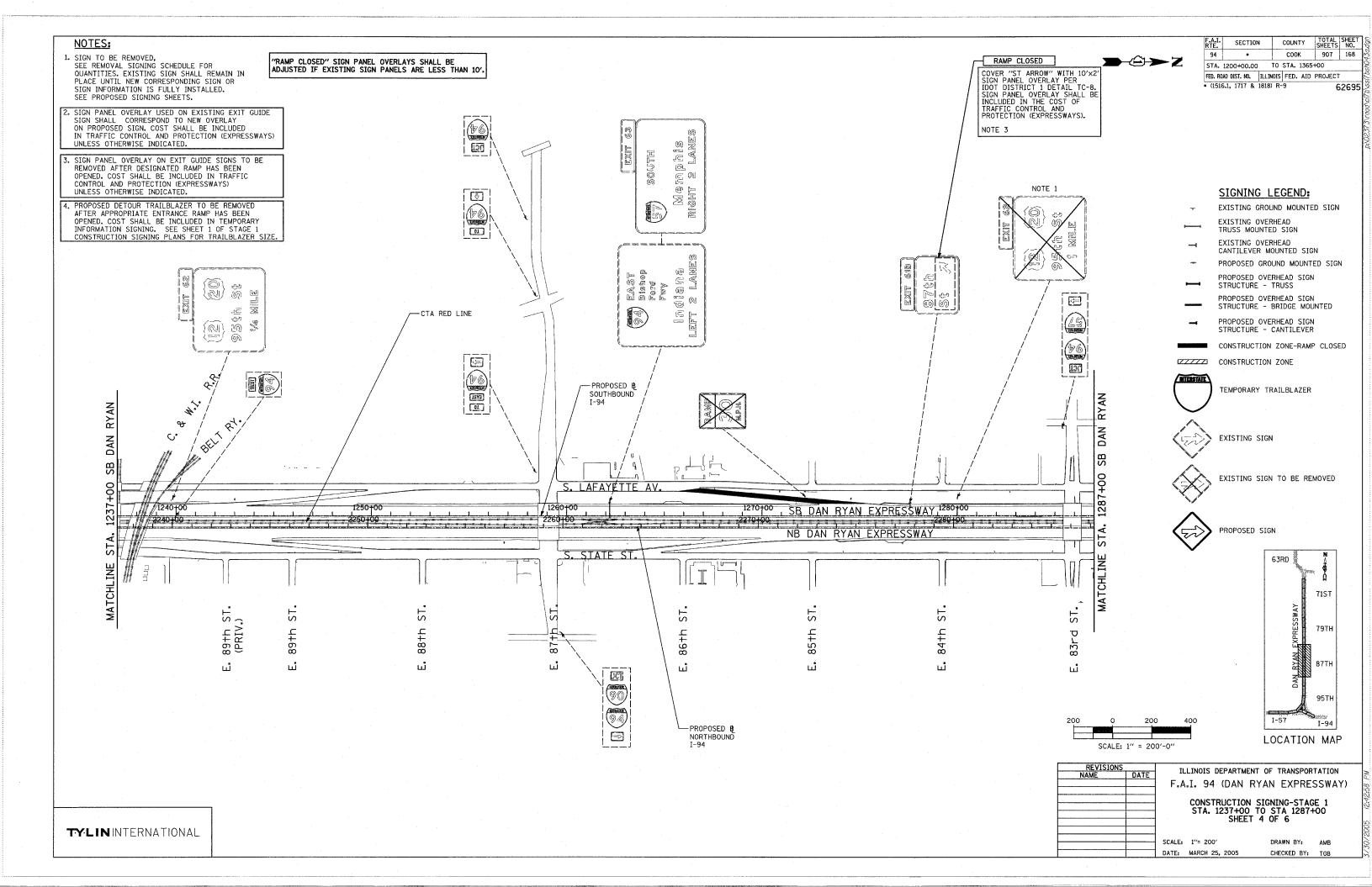
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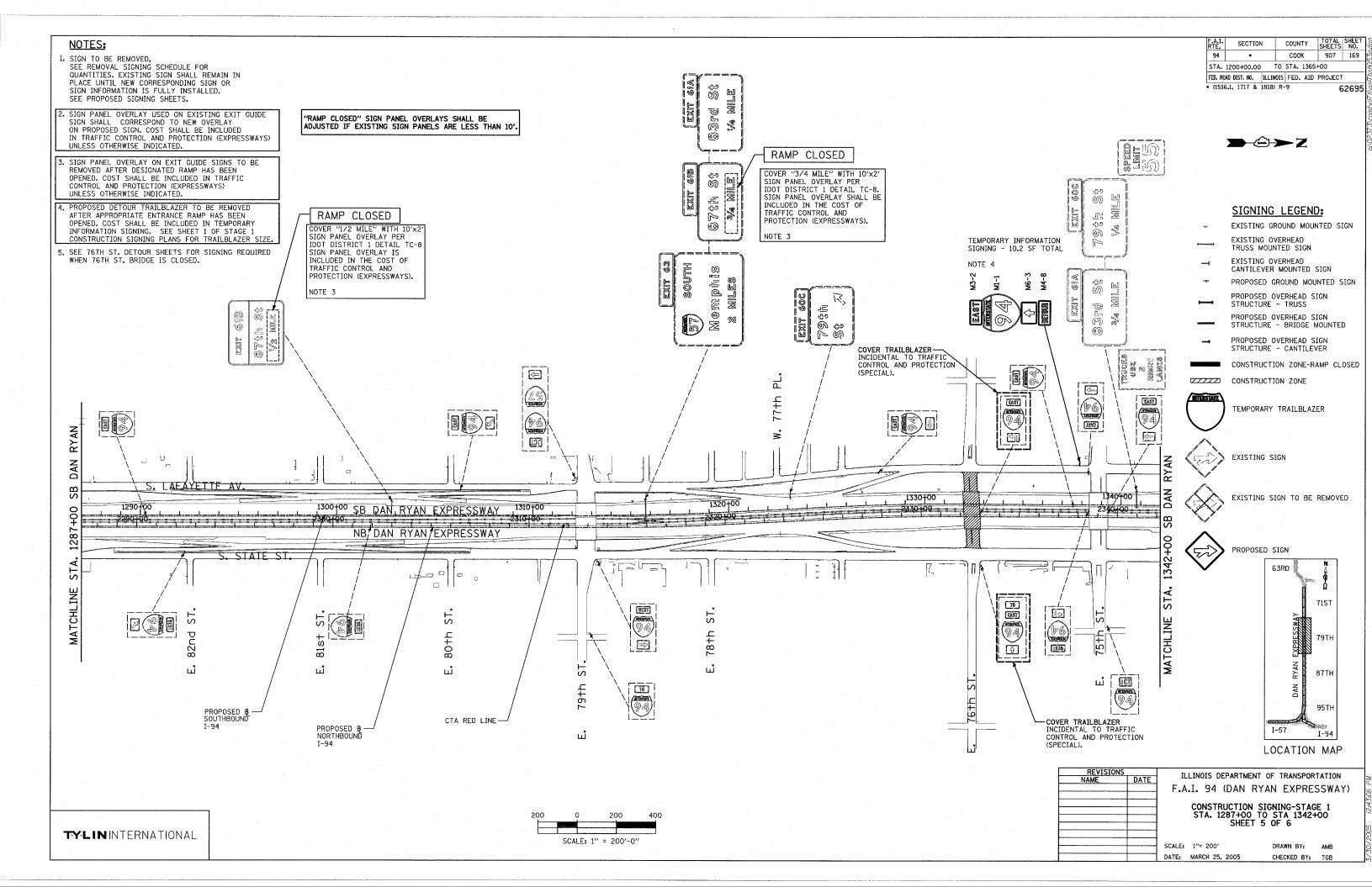
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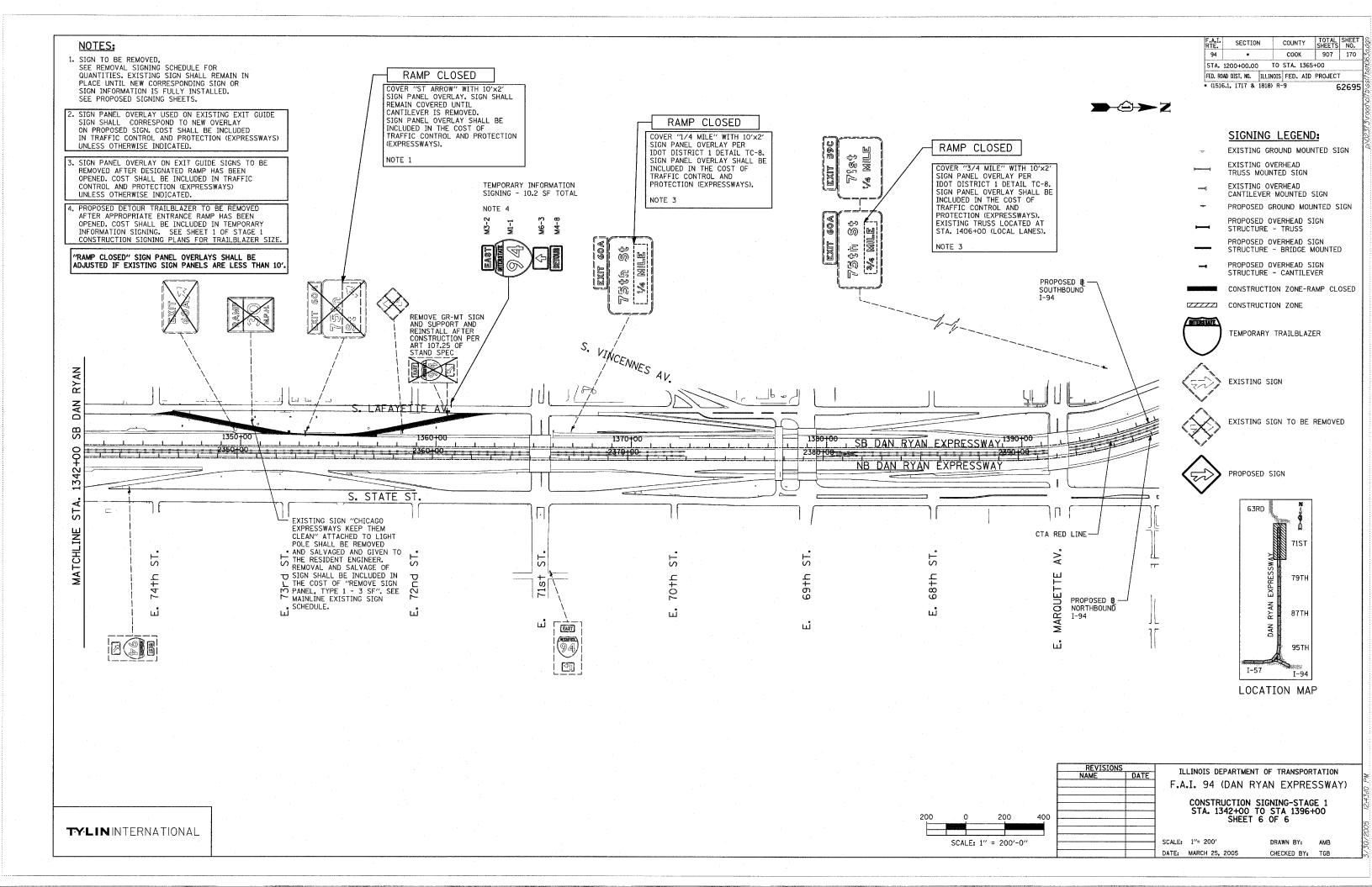


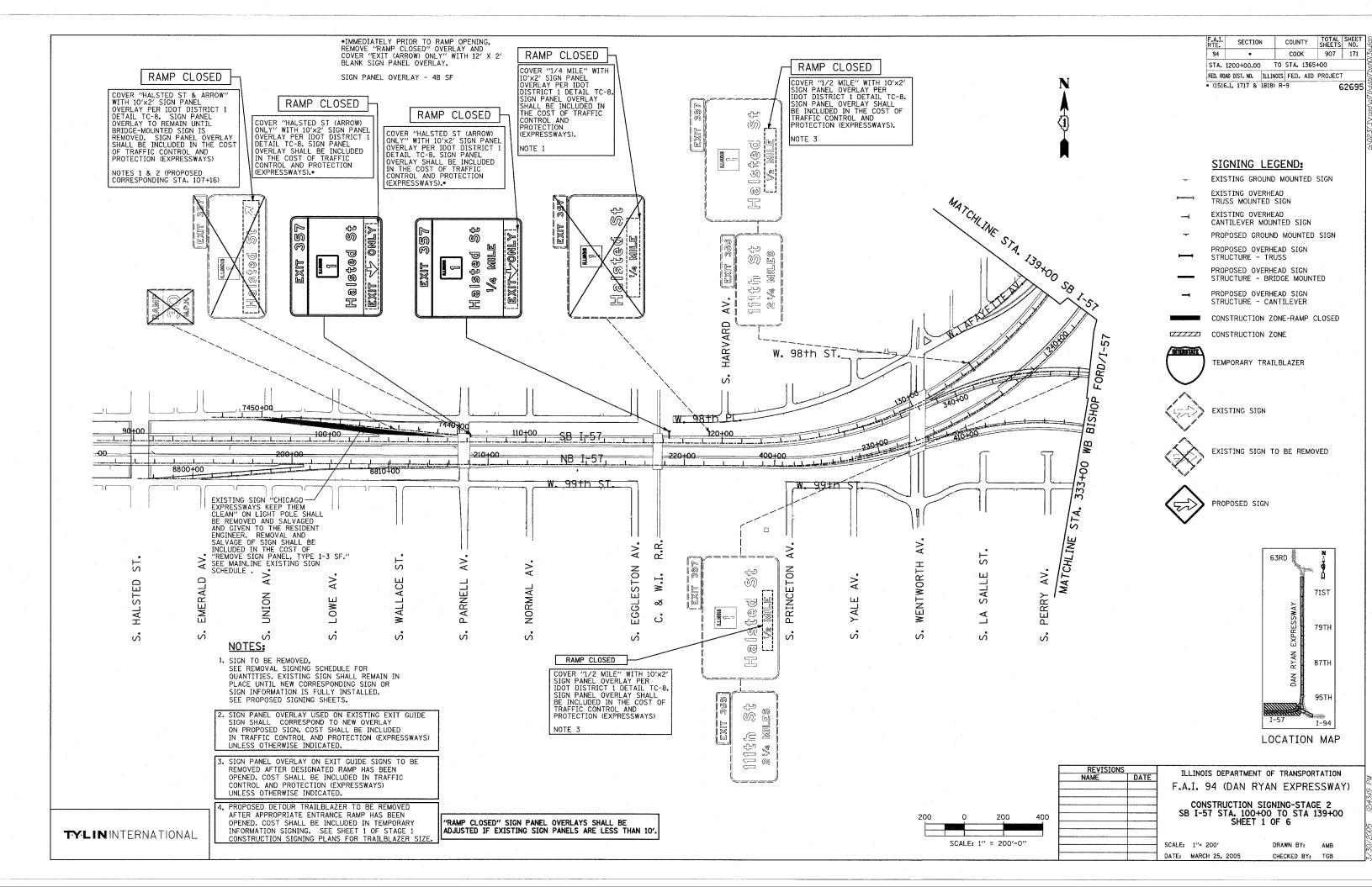


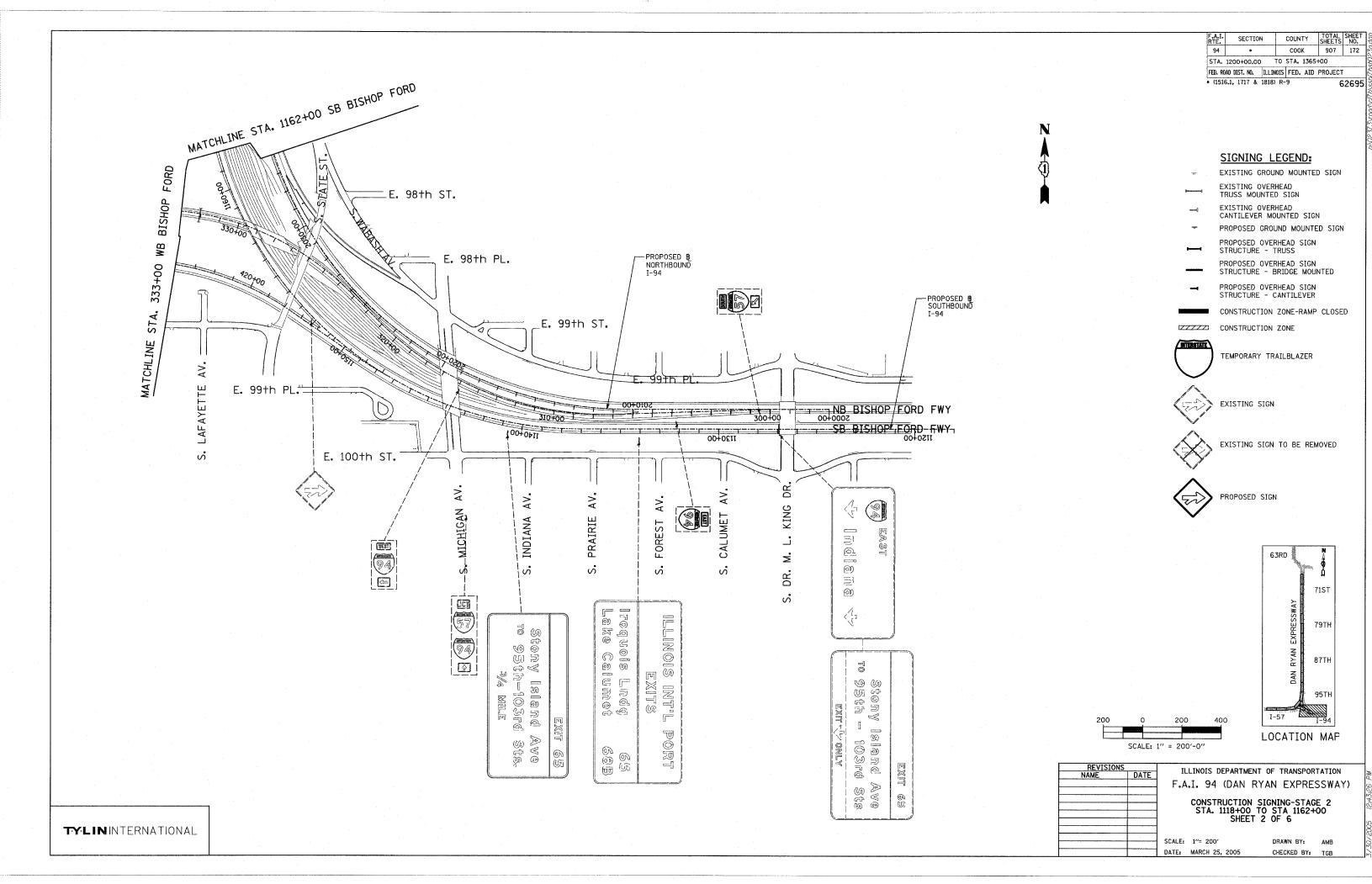


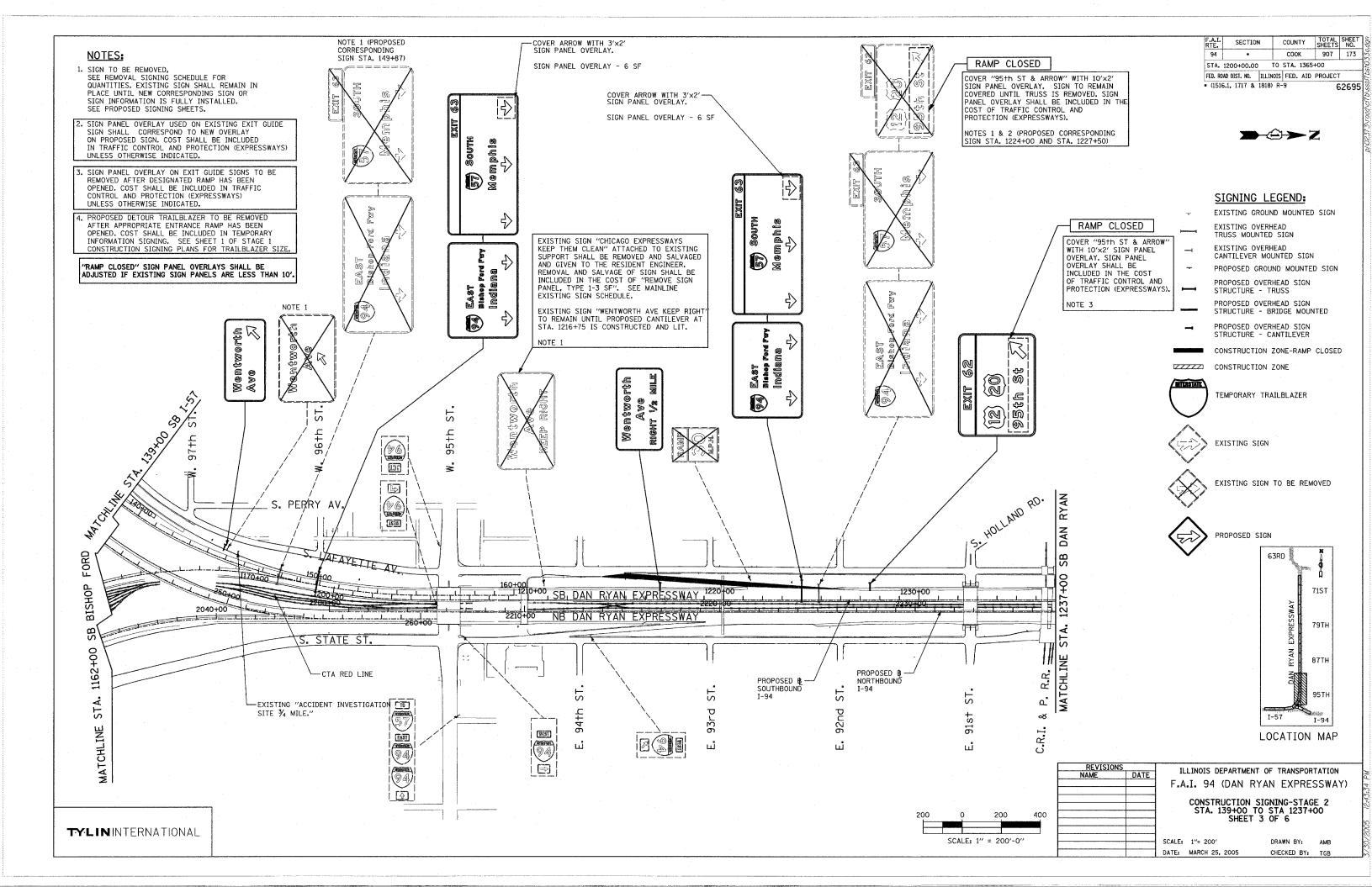


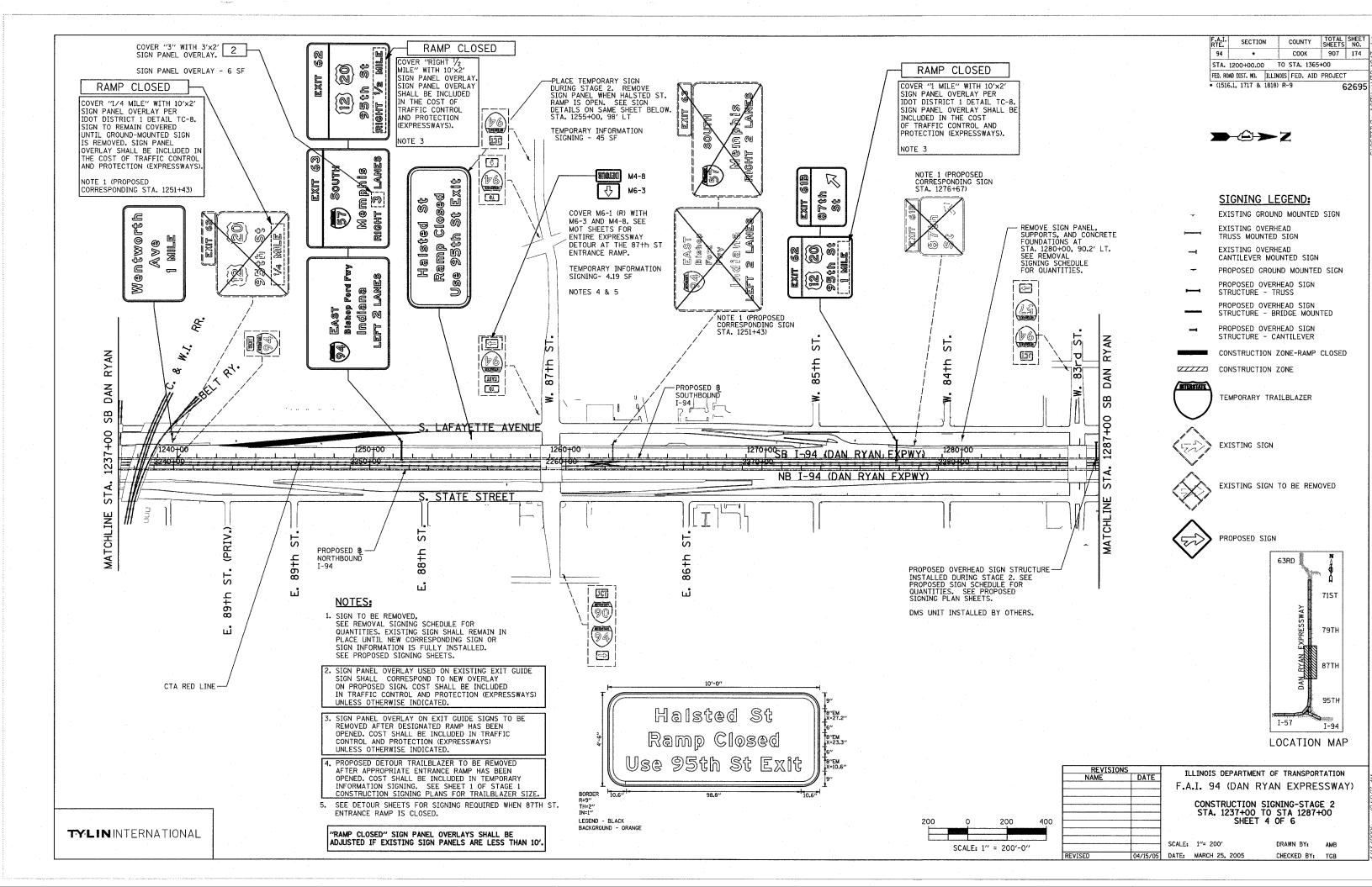


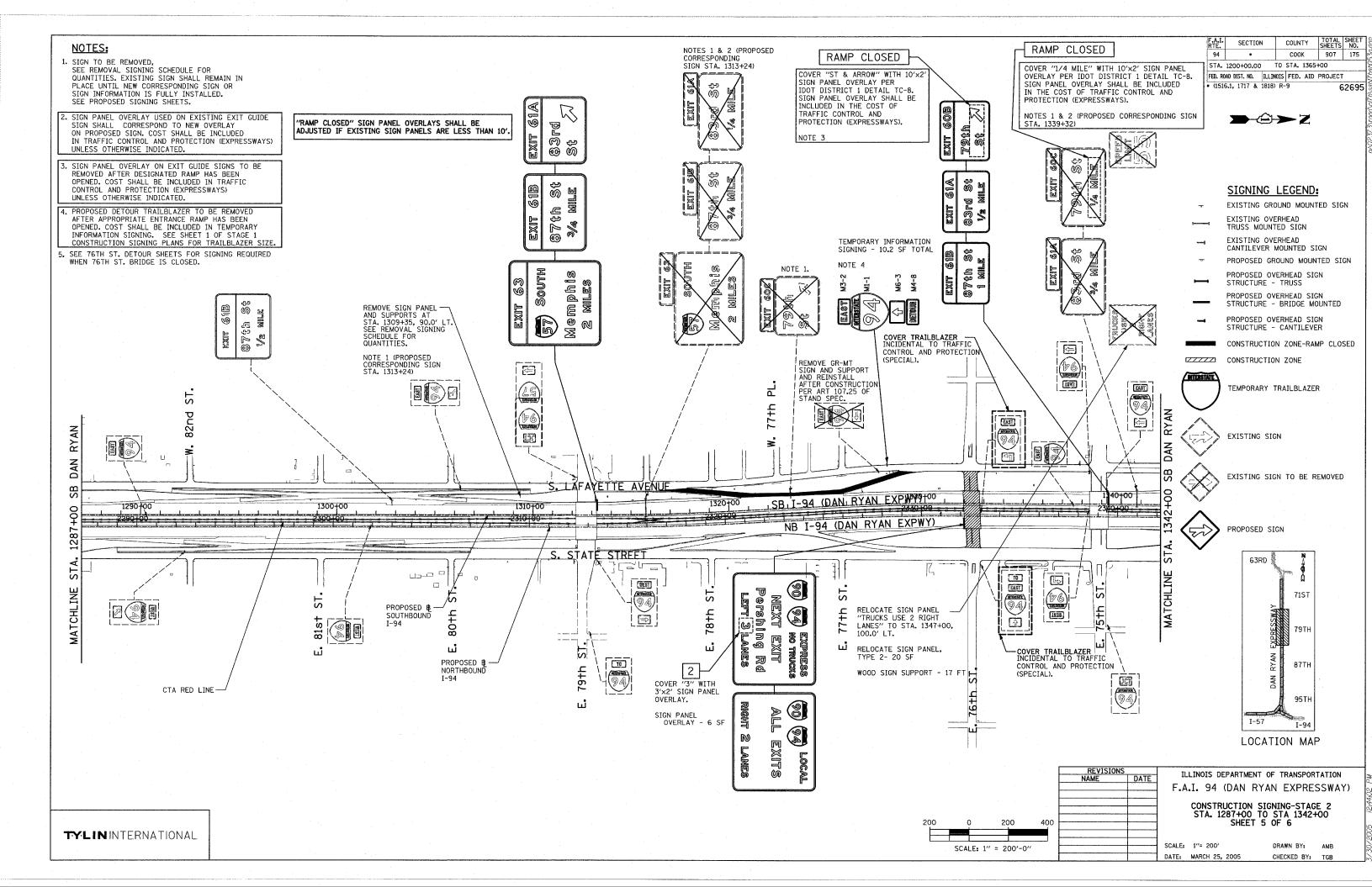


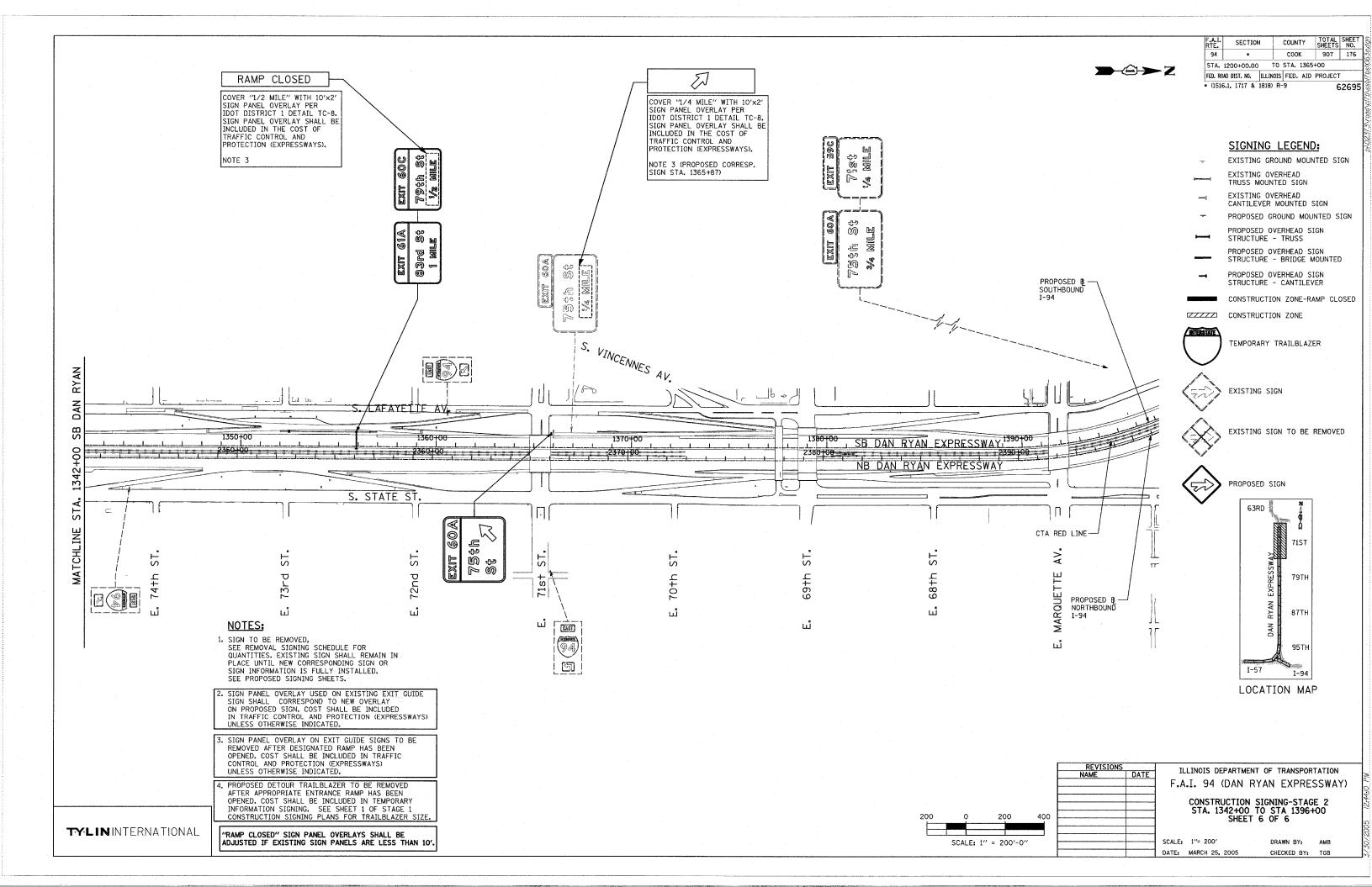


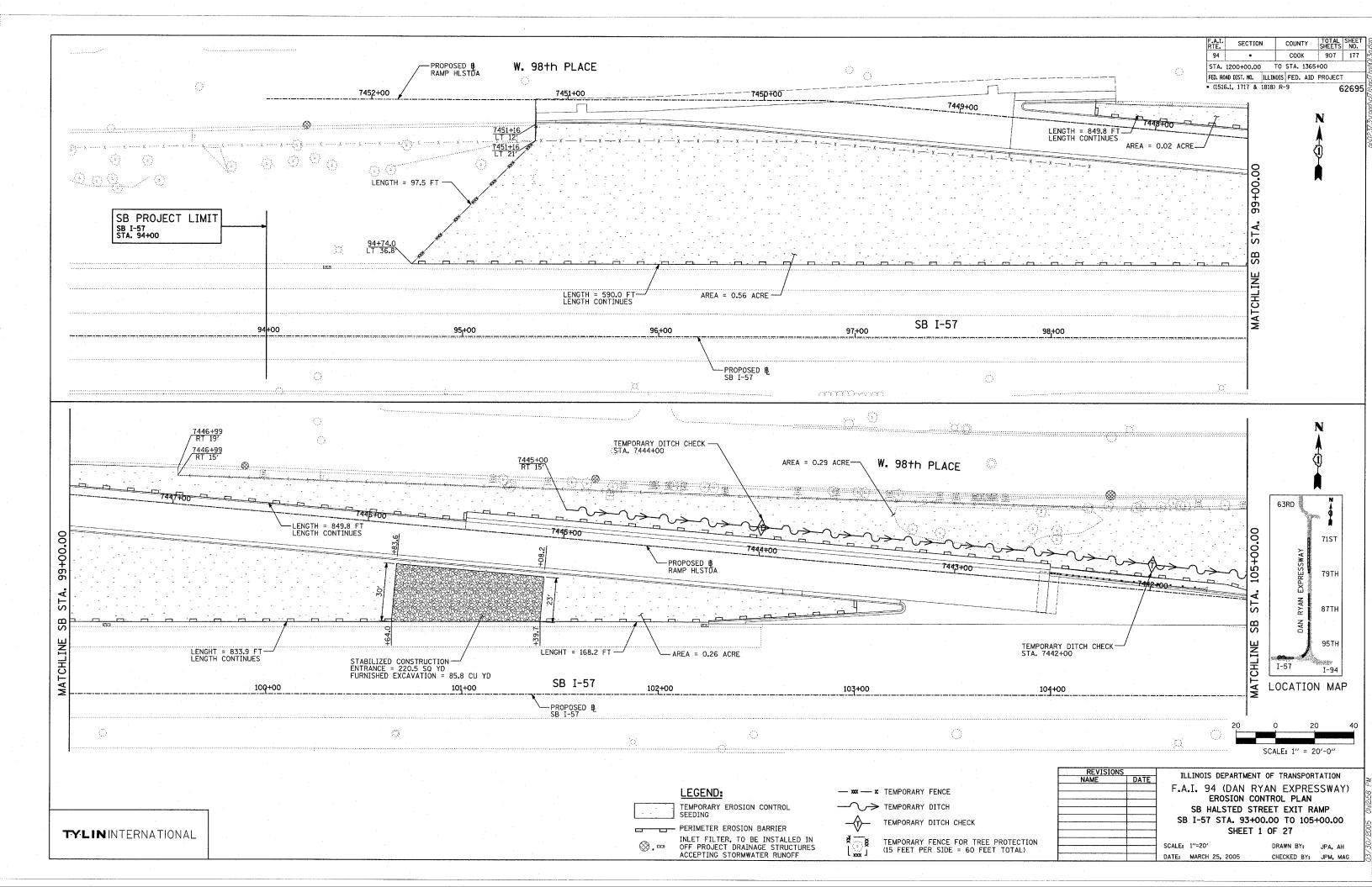


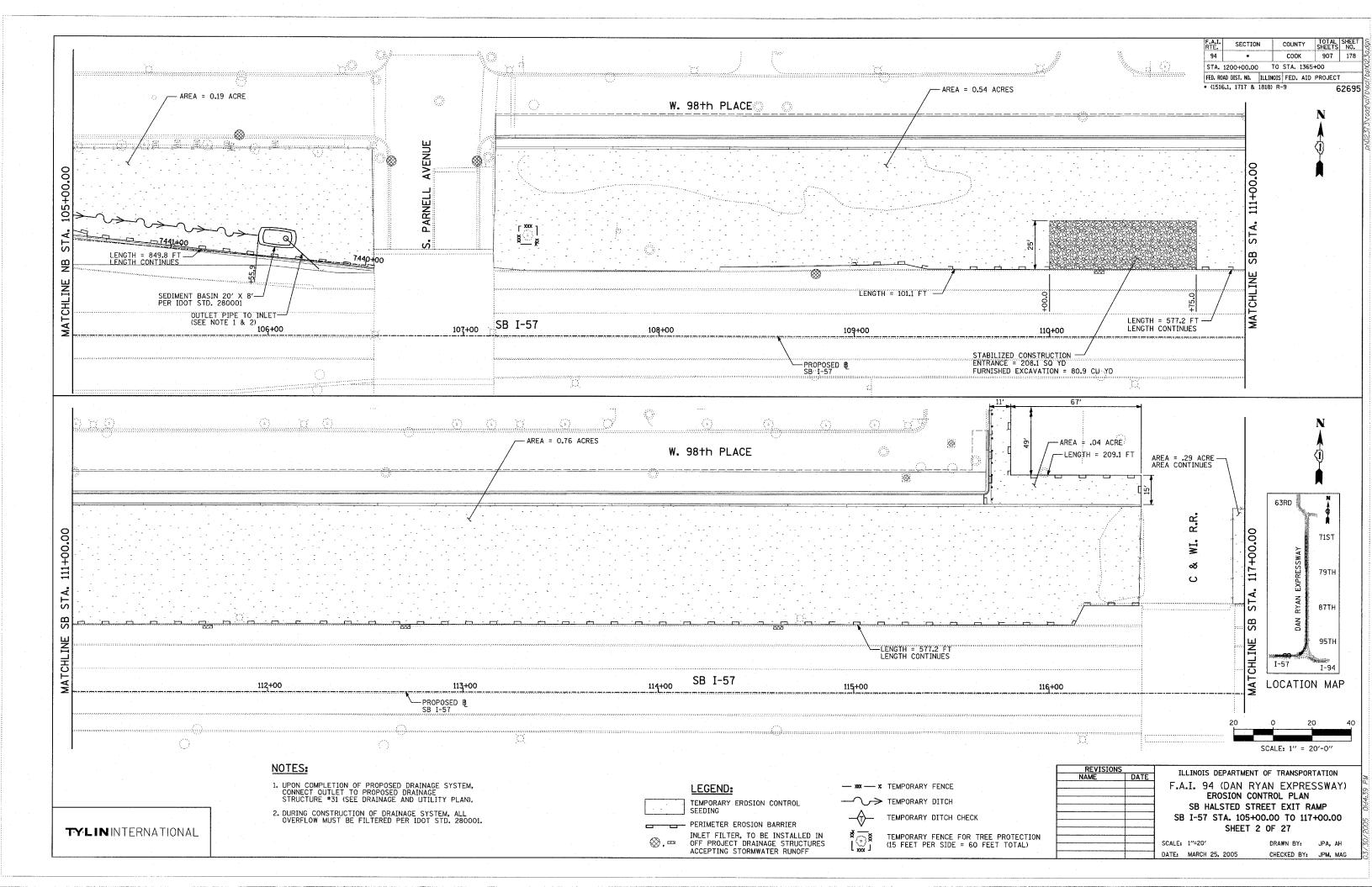


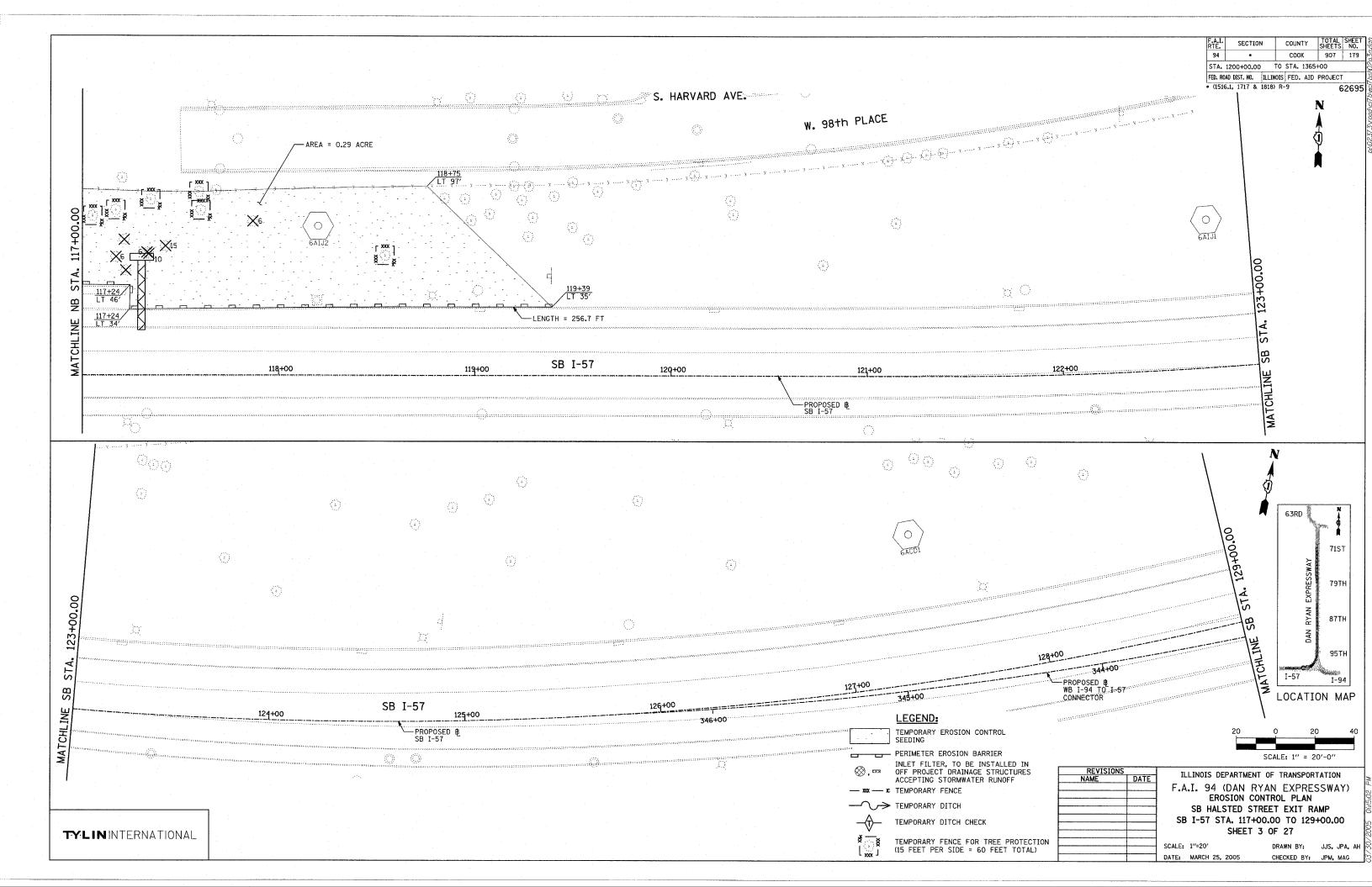


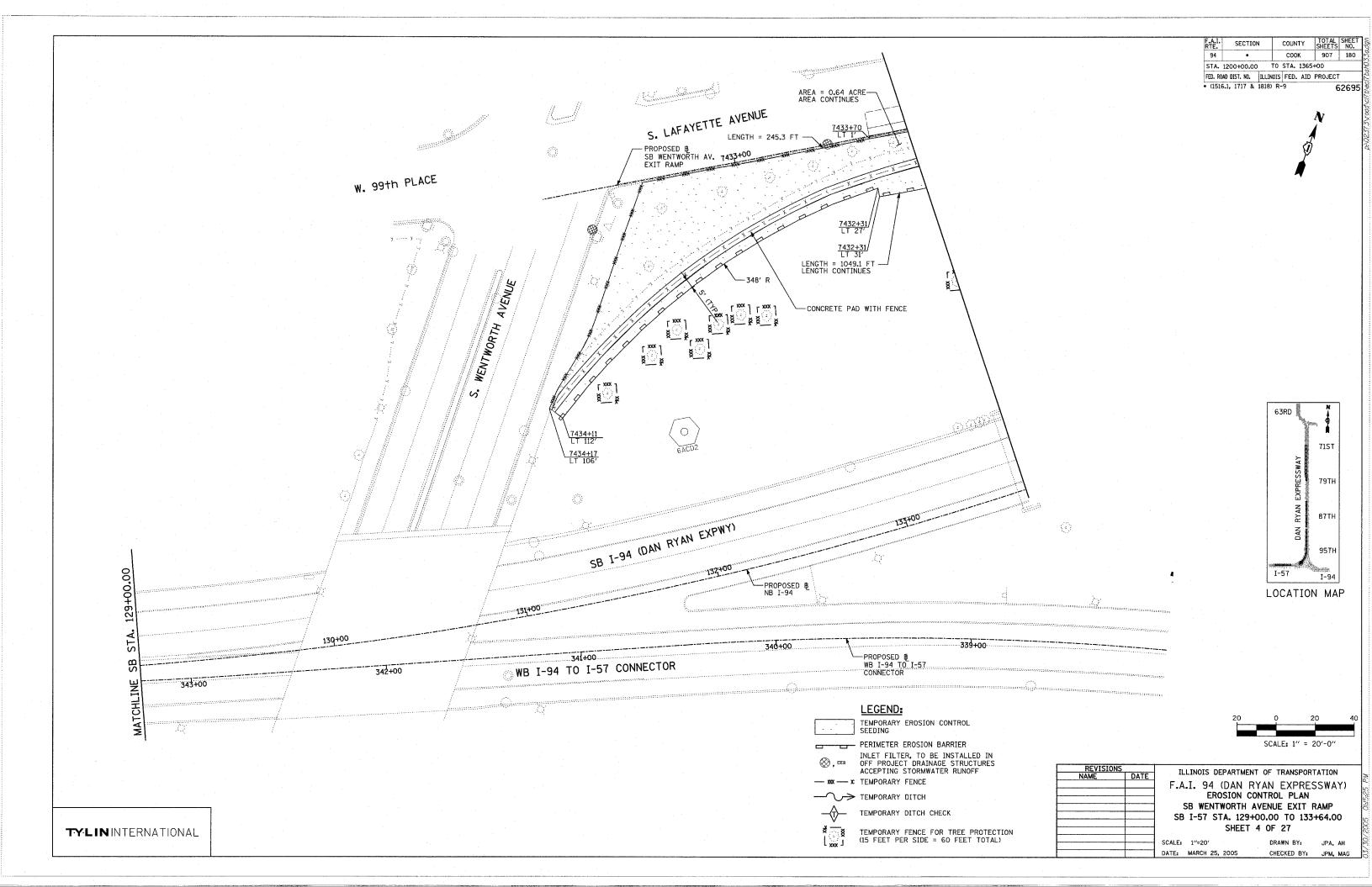


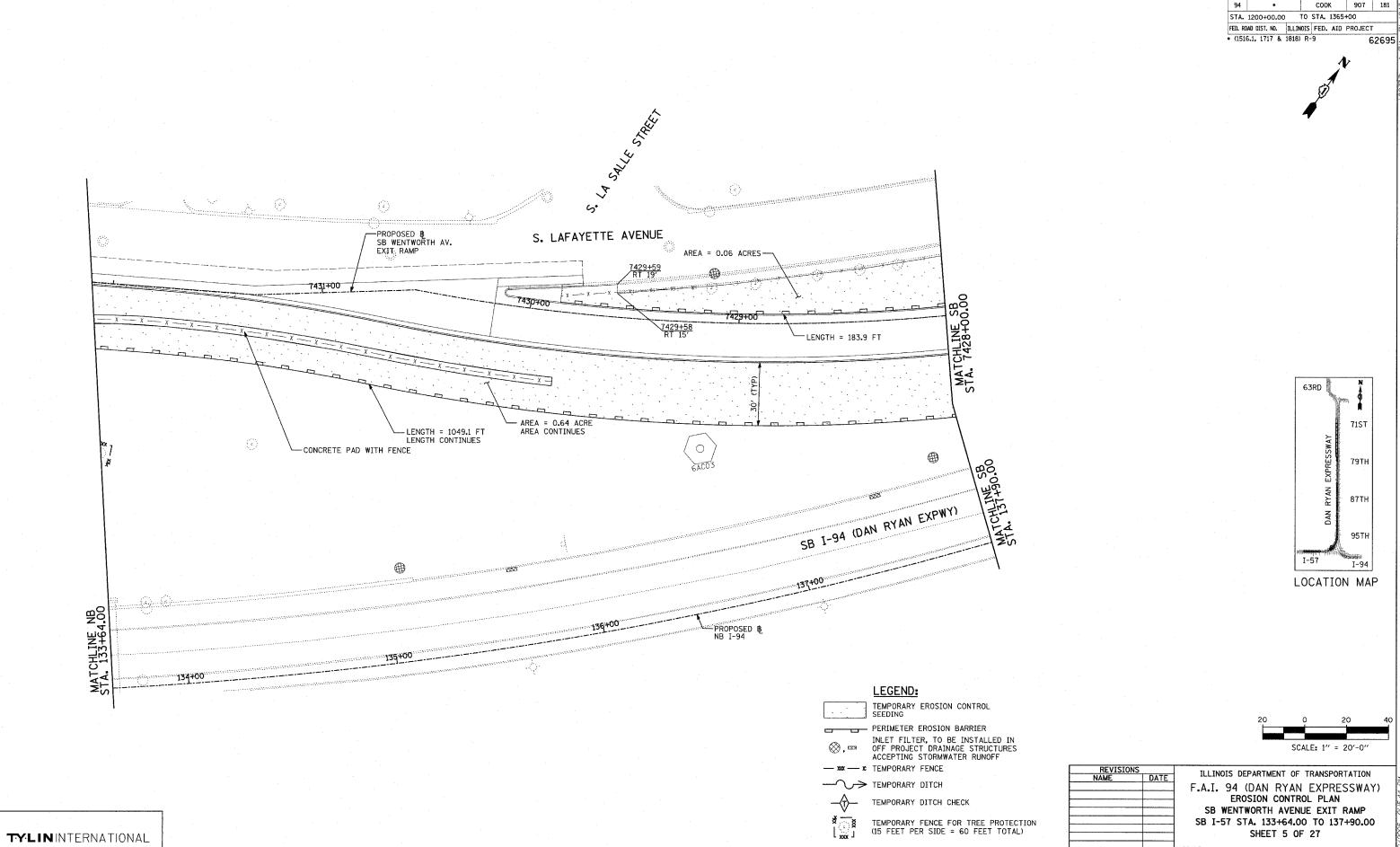












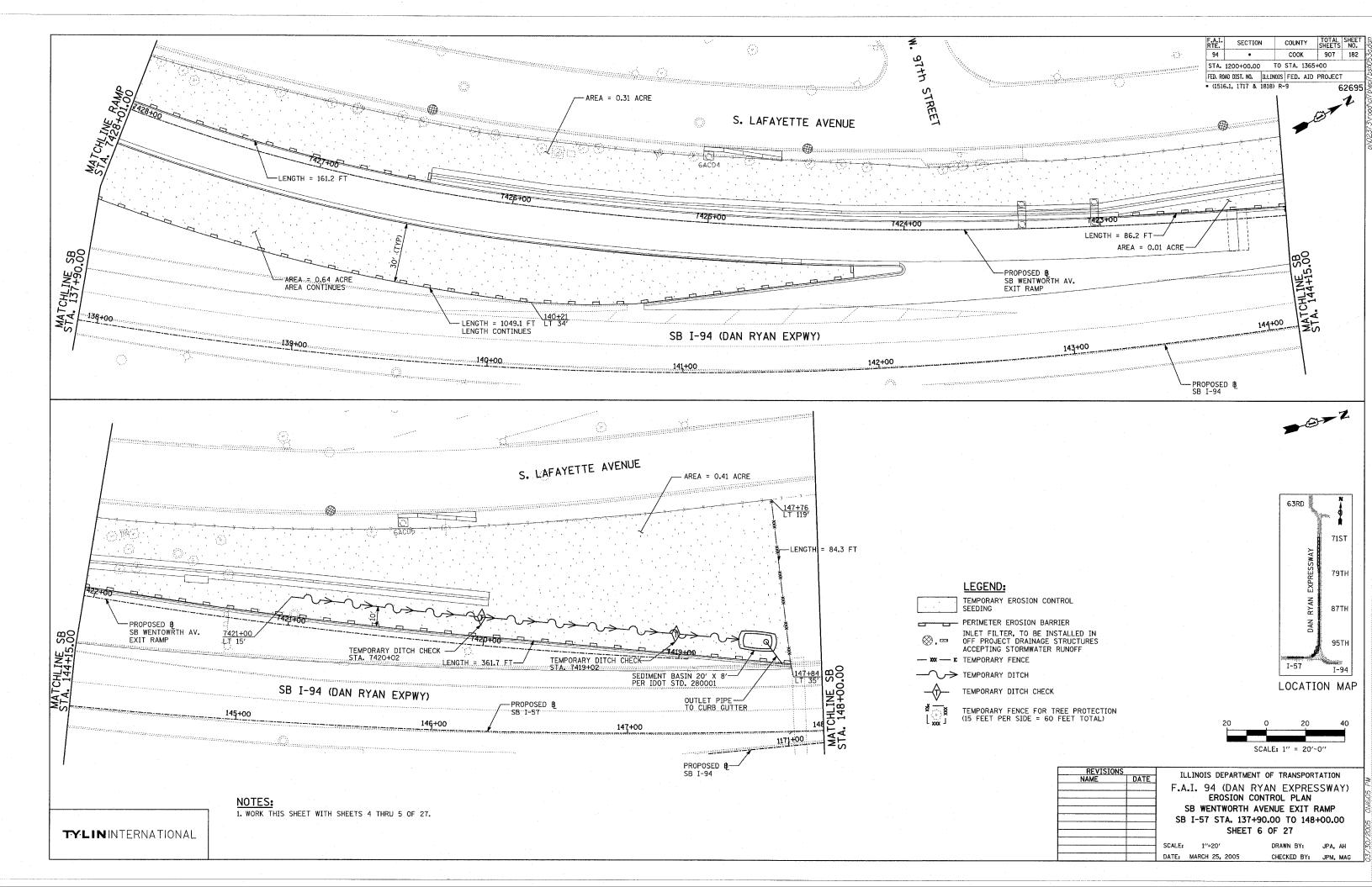
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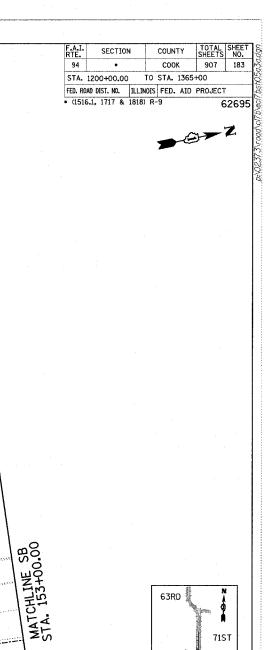


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSFORTATION
		F.A.I. 94 (DAN RYAN EXPRESSWAY)
		EROSION CONTROL PLAN
		SB WENTWORTH AVENUE EXIT RAMP
		SB I-57 STA. 133+64.00 TO 137+90.00
		SHEET 5 OF 27

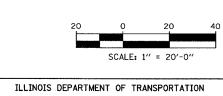
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CHECKED BY:





63RD 71ST 79TH 87TH 95TH I-57 I-94 LOCATION MAP

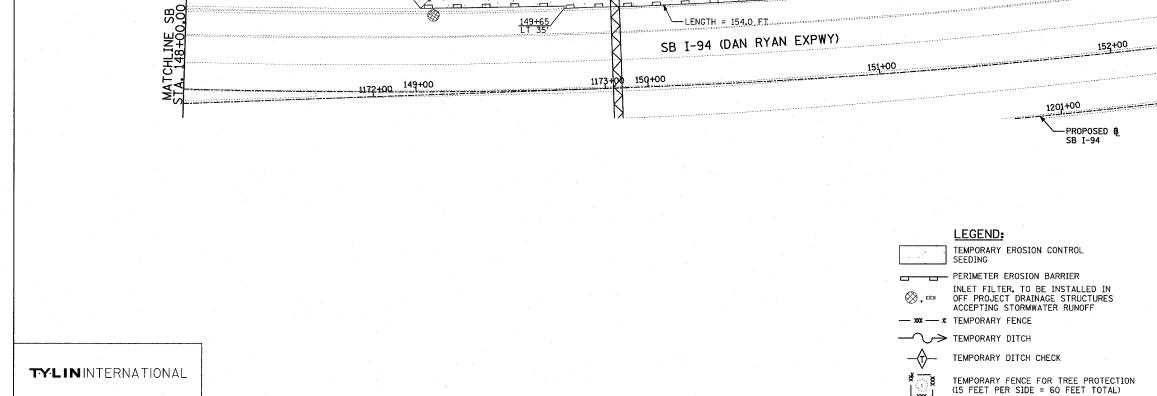


PROPOSED & SB I-57

F.A.I. 94 (DAN RYAN EXPRESSWAY) EROSION CONTROL PLAN SB WENTWORTH AVENUE EXIT RAMP

SB I-57 STA. 148+00.00 TO 153+00.00 SHEET 7 OF 27

SCALE: 1"=20" DATE: MARCH 25, 2005 DRAWN BY: JPA, AH CHECKED BY: JPM, MAG



1173+00

150+00

149+65 LT 35'

LENGTH = 203.1 ET

-AREA = 0.12 ACRES

151+00

--- LENGTH = 154.0 .E.T...

SB I-94 (DAN RYAN EXPWY)

S. LAFAYETTE AVENUE

1172+00 149+00

