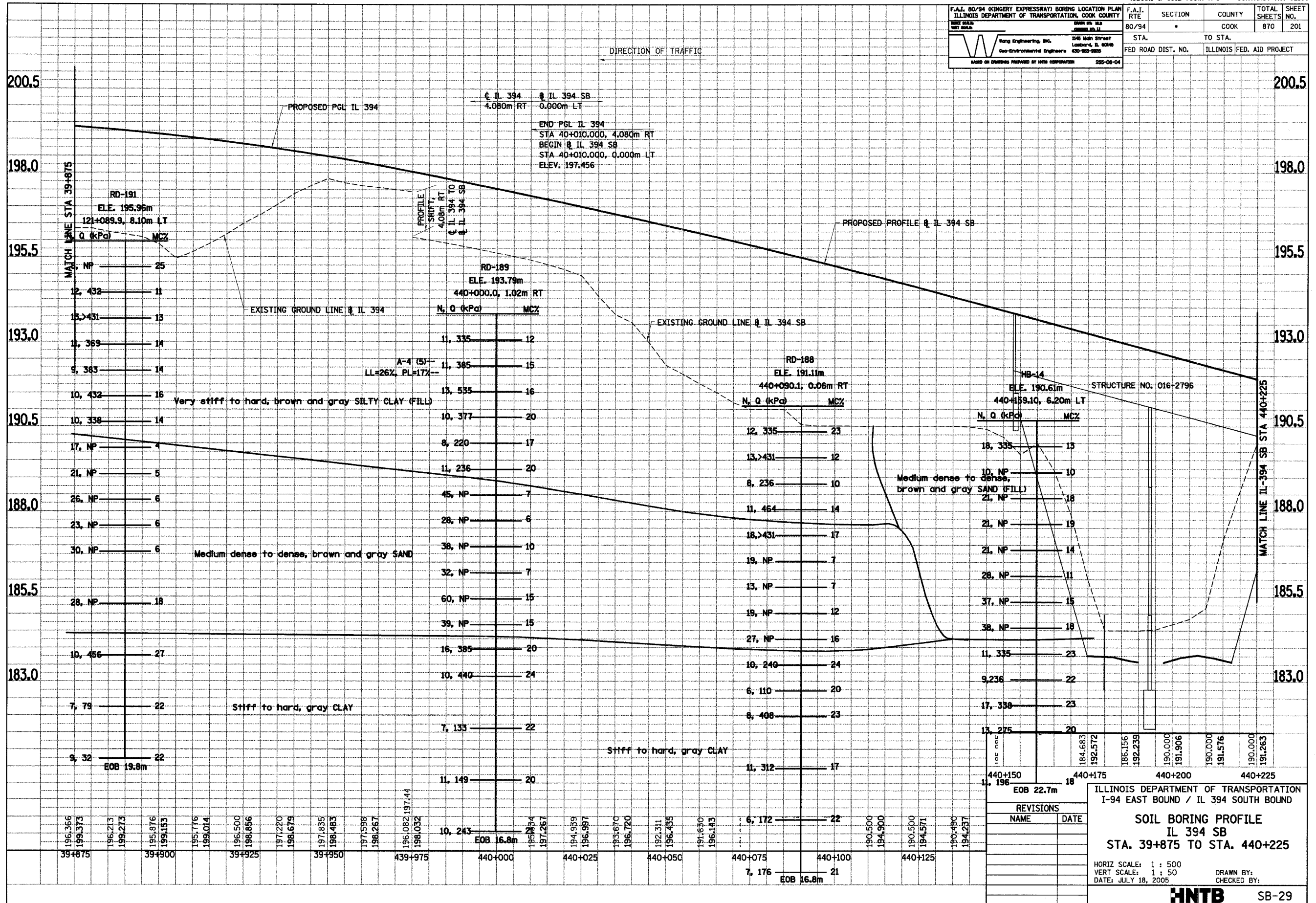
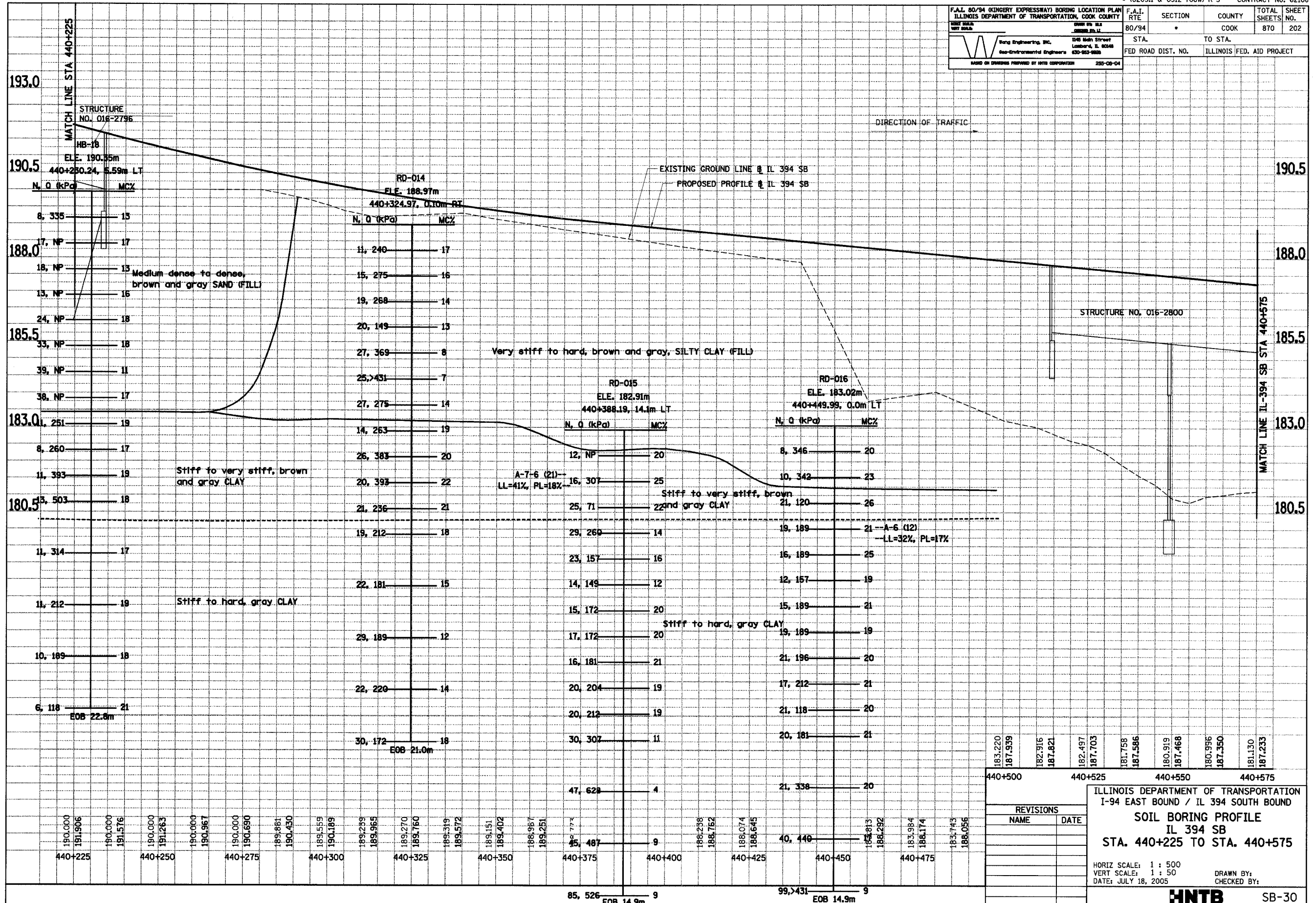


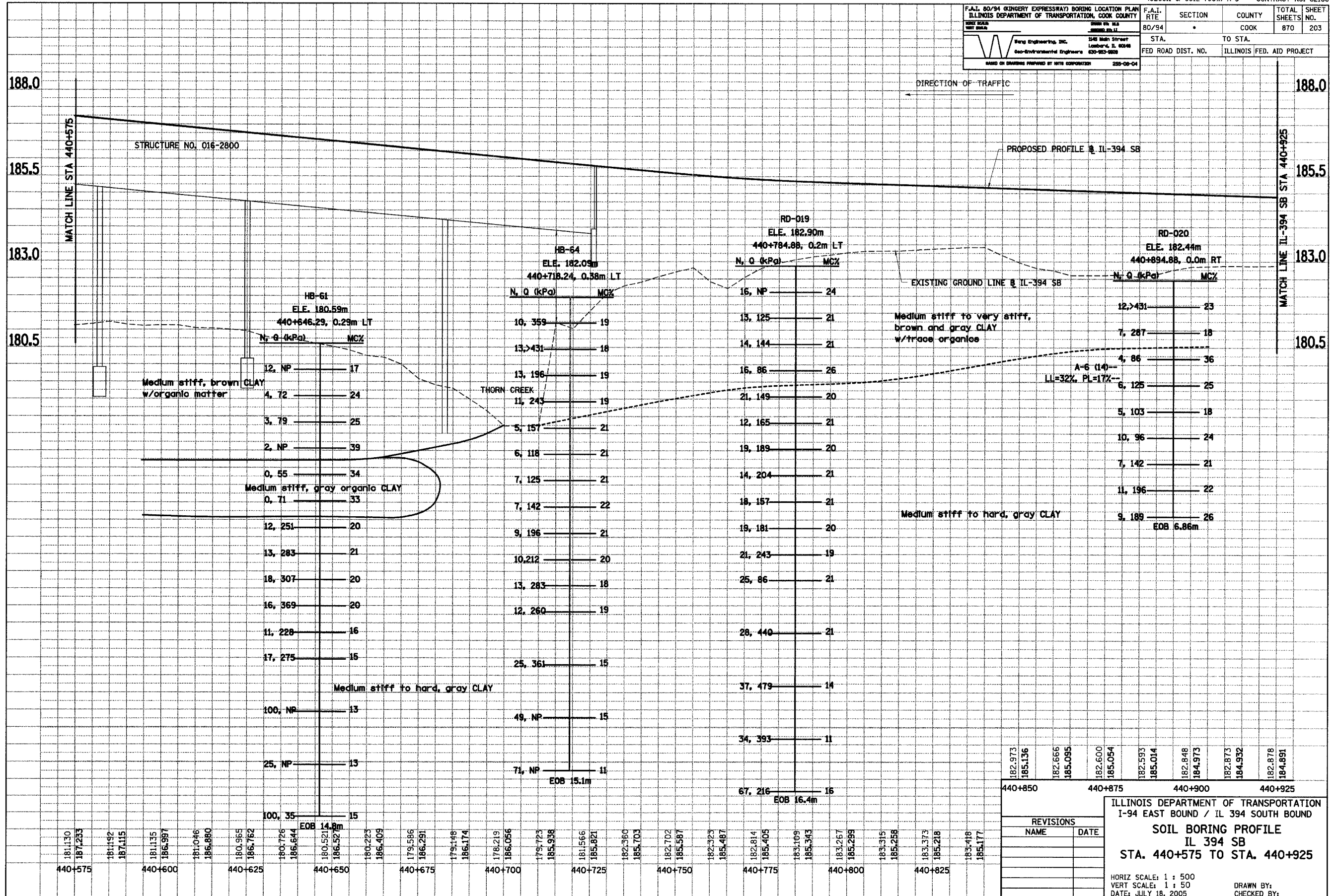
F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		80/94		COOK	870	201
FED ROAD DIST. NO.		TO STA.		ILLINOIS FED. AID PROJECT		
255-08-04		440+000.0				



F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		80/94	*	COOK	870	202
Fong Engineering, Inc. Geo-Environmental Engineers 1345 Main Street Lombard, IL 60148 630-953-8808		STA.		TO STA.		
MADE OR DERIVED FROM BY THIS CORPORATION 285-08-04		FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94				COOK	870	203
Wang Engineering, Inc. 1548 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-983-9888 <small>BASED ON DRAWINGS PROVIDED BY ITRB CORPORATION 220-08-04</small>		STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				



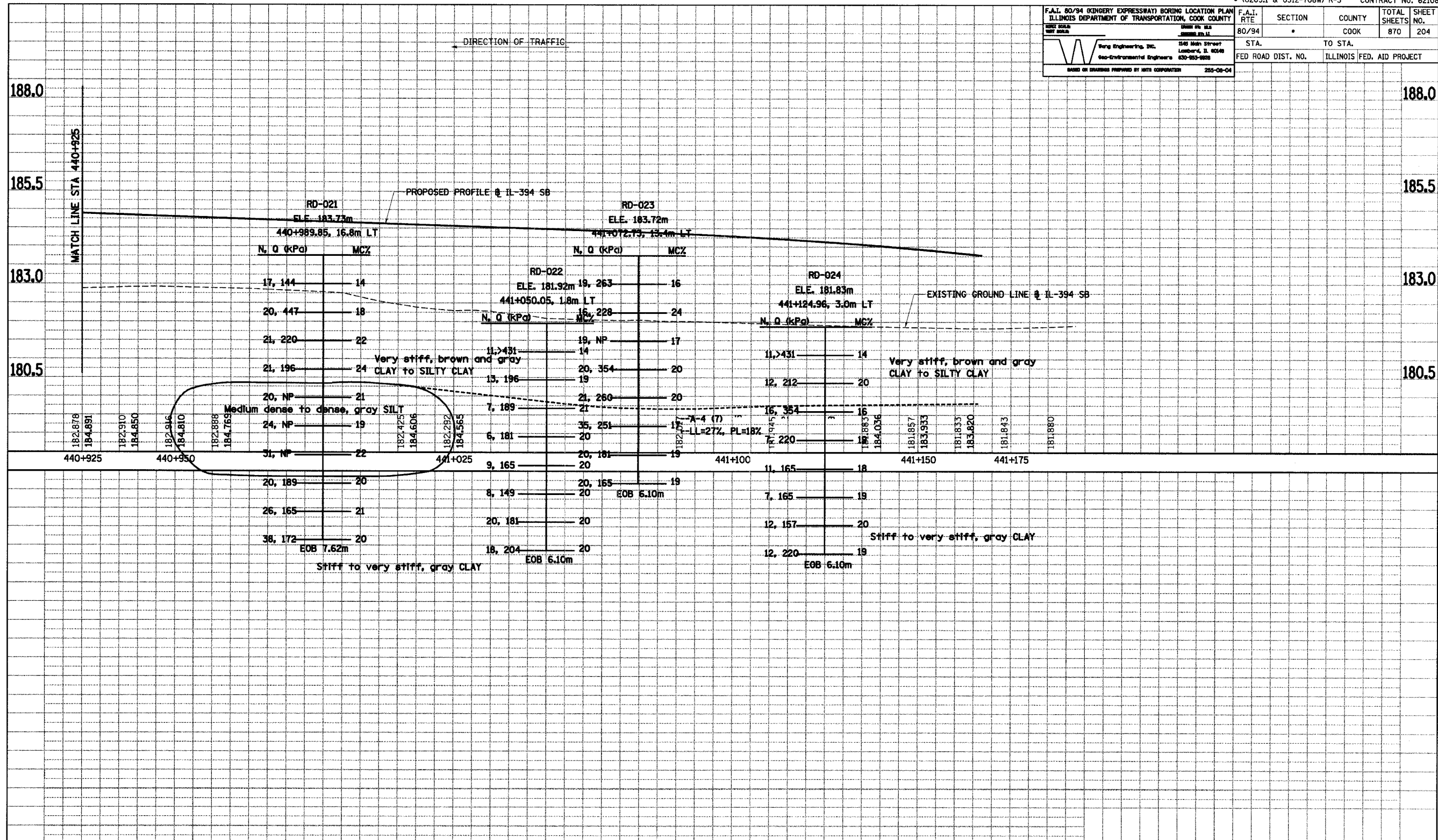
ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

SOIL BORING PROFILE
 IL 394 SB
 STA. 440+575 TO STA. 440+925

HORIZ SCALE: 1 : 500
 VERT SCALE: 1 : 50
 DATE: JULY 18, 2005

DRAWN BY:
 CHECKED BY:

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		*		COOK	870	204
Wang Engineering, Inc. Geo-Environmental Engineers		345 Main Street Lombard, IL 60148 630-953-8888		STA. TO STA. ILLINOIS FED. AID PROJECT		
BASED ON DRAWINGS PREPARED BY HNTB CORPORATION		253-08-04				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

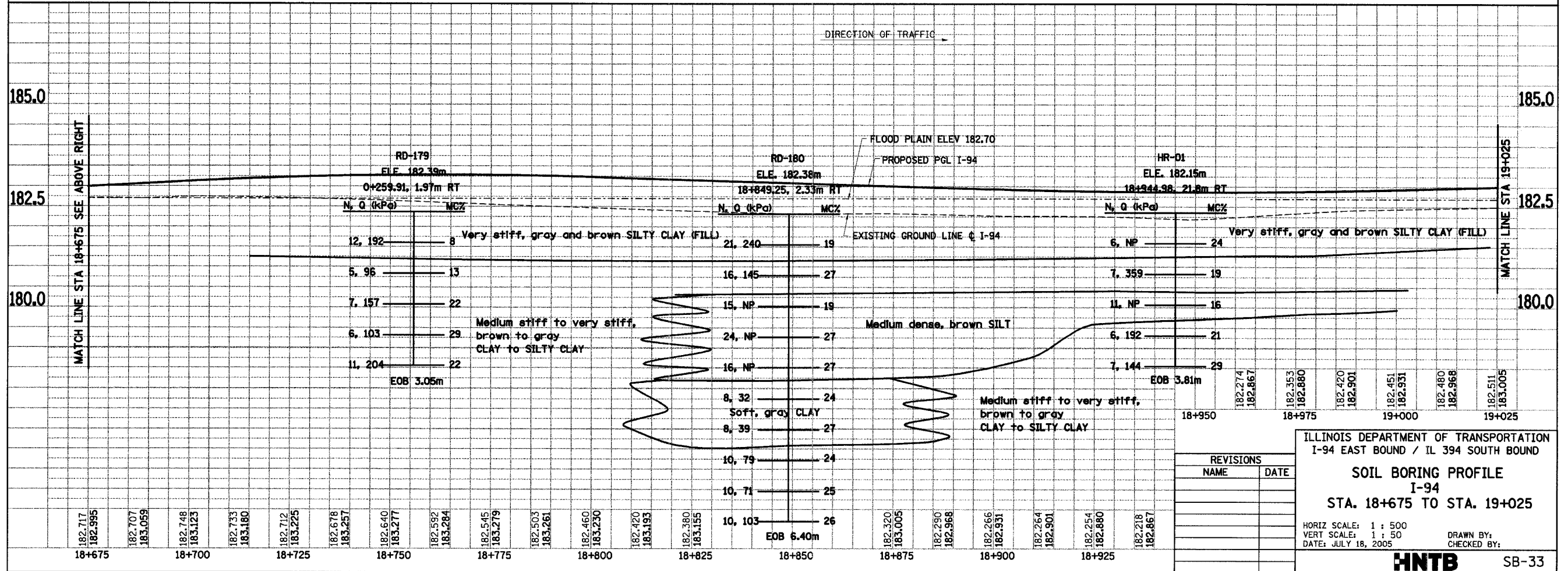
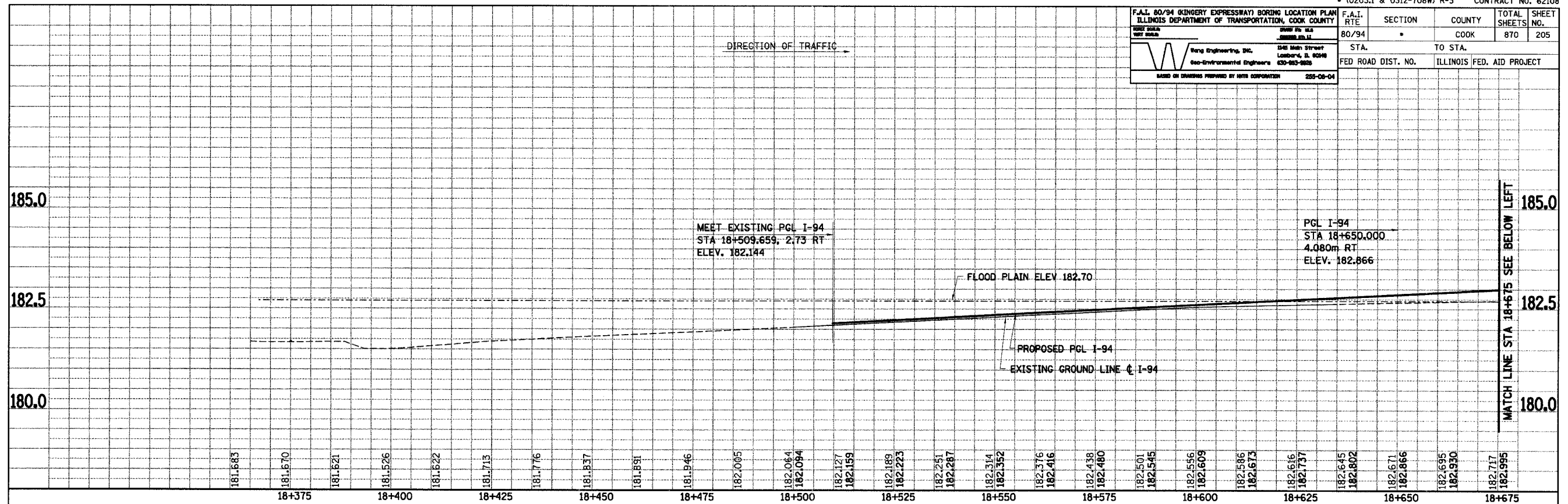
SOIL BORING PROFILE
IL 394 SB
STA. 440+925 TO STA. 441+585

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY: _____
CHECKED BY: _____

HNTB SB-32

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS NO.
Wang Engineering, Inc. Geo-Environmental Engineers		80/94	*	COOK	870
245 Main Street Lombard, IL 60148 (630) 943-9883		STA.	TO STA.		
MADE IN ACCORDANCE WITH THE SPECIFICATIONS		FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
255-08-04					



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

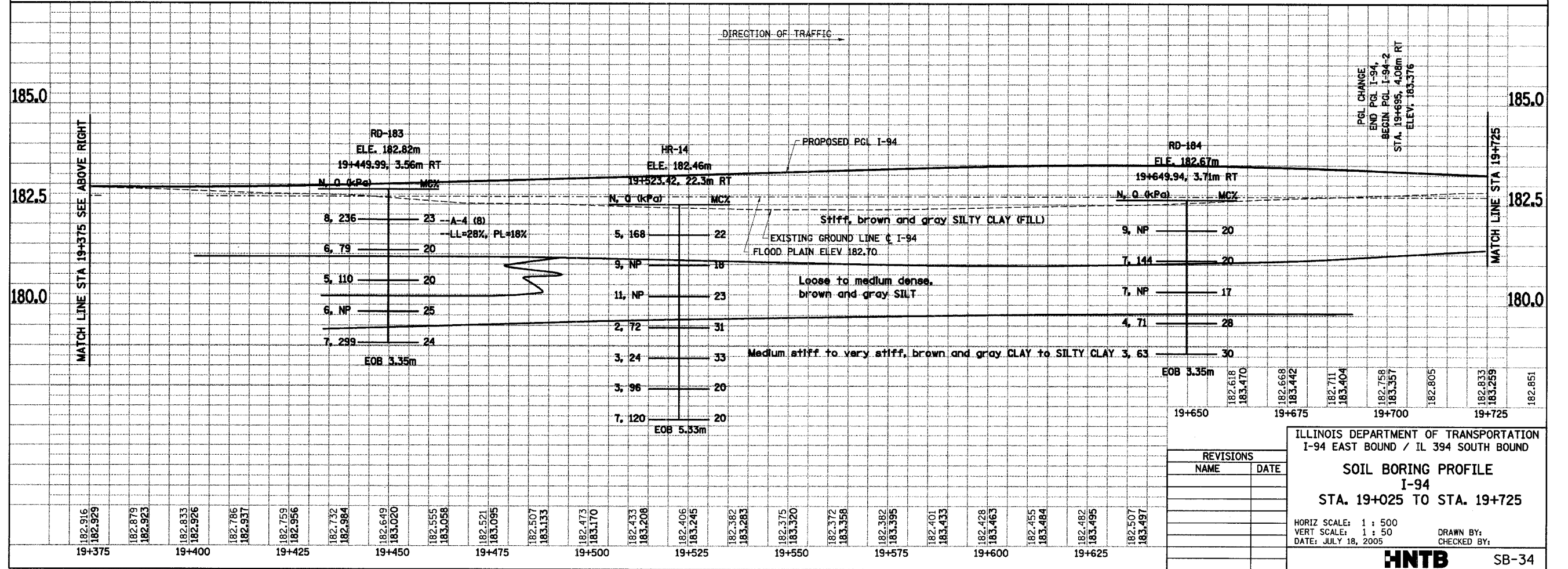
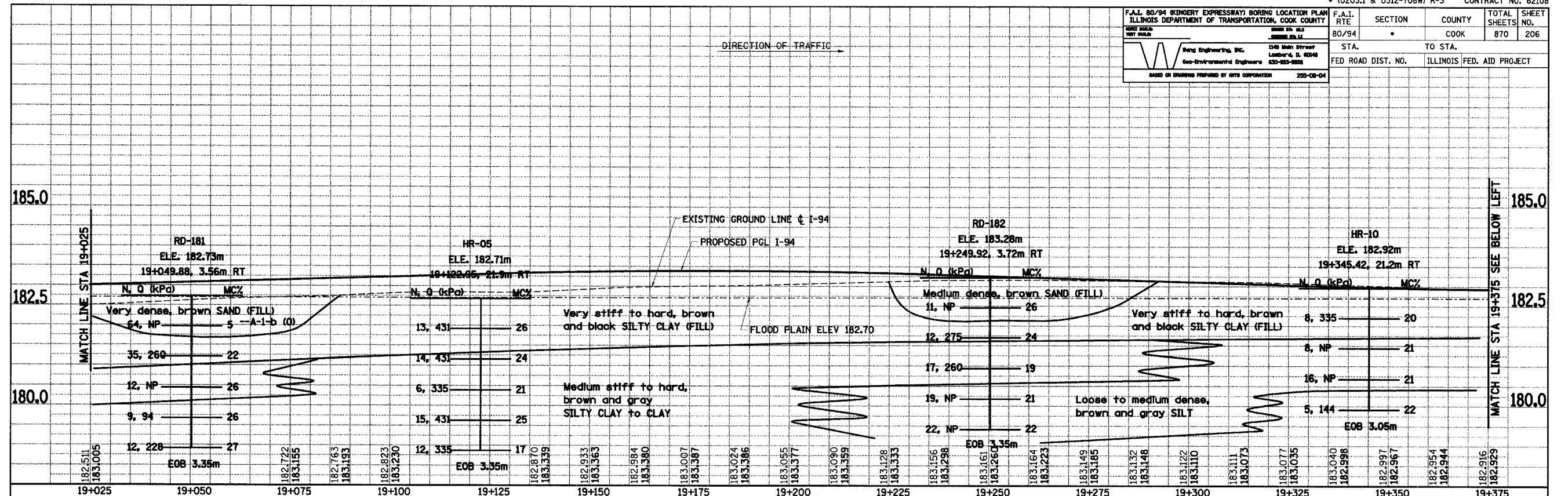
SOIL BORING PROFILE
I-94
STA. 18+675 TO STA. 19+025

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY:
CHECKED BY:

HNTB SB-33

F.A.I. RTE		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94			COOK	870	206
STA.			TO STA.		
FED ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

SOIL BORING PROFILE
I-94
STA. 19+025 TO STA. 19+725

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY:
CHECKED BY:

HNTB SB-34

STRUCTURE NO. 016-2803

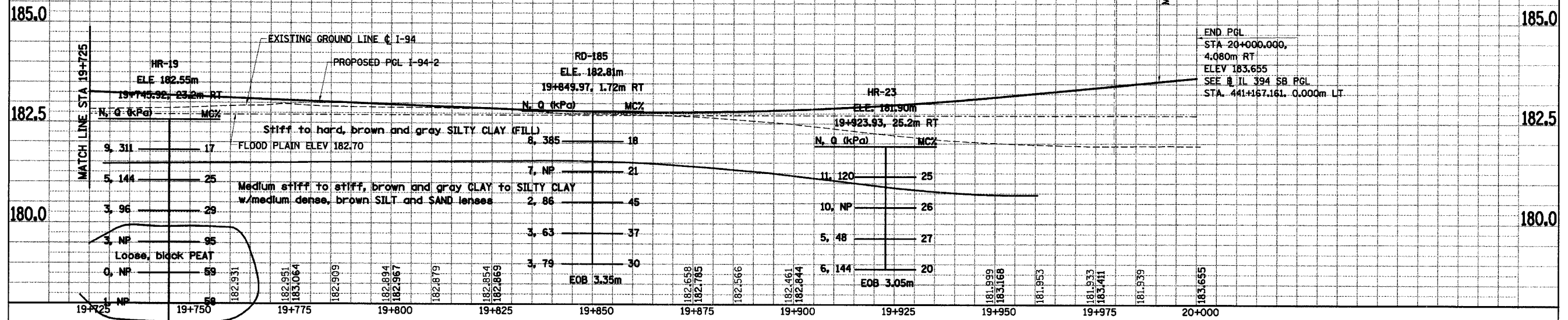
F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	80/94	*	COOK	870	207
STA.			TO STA.		
FED ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		

Wang Engineering, Inc.
346 Main Street
Lombard, IL 60148
630-953-8000
255-08-04

DIRECTION OF TRAFFIC →

170th STREET
STA 90+000.037
I-94 STA 19+979.761

5.00m
MIN. CLEARANCE



REVISIONS	
NAME	DATE

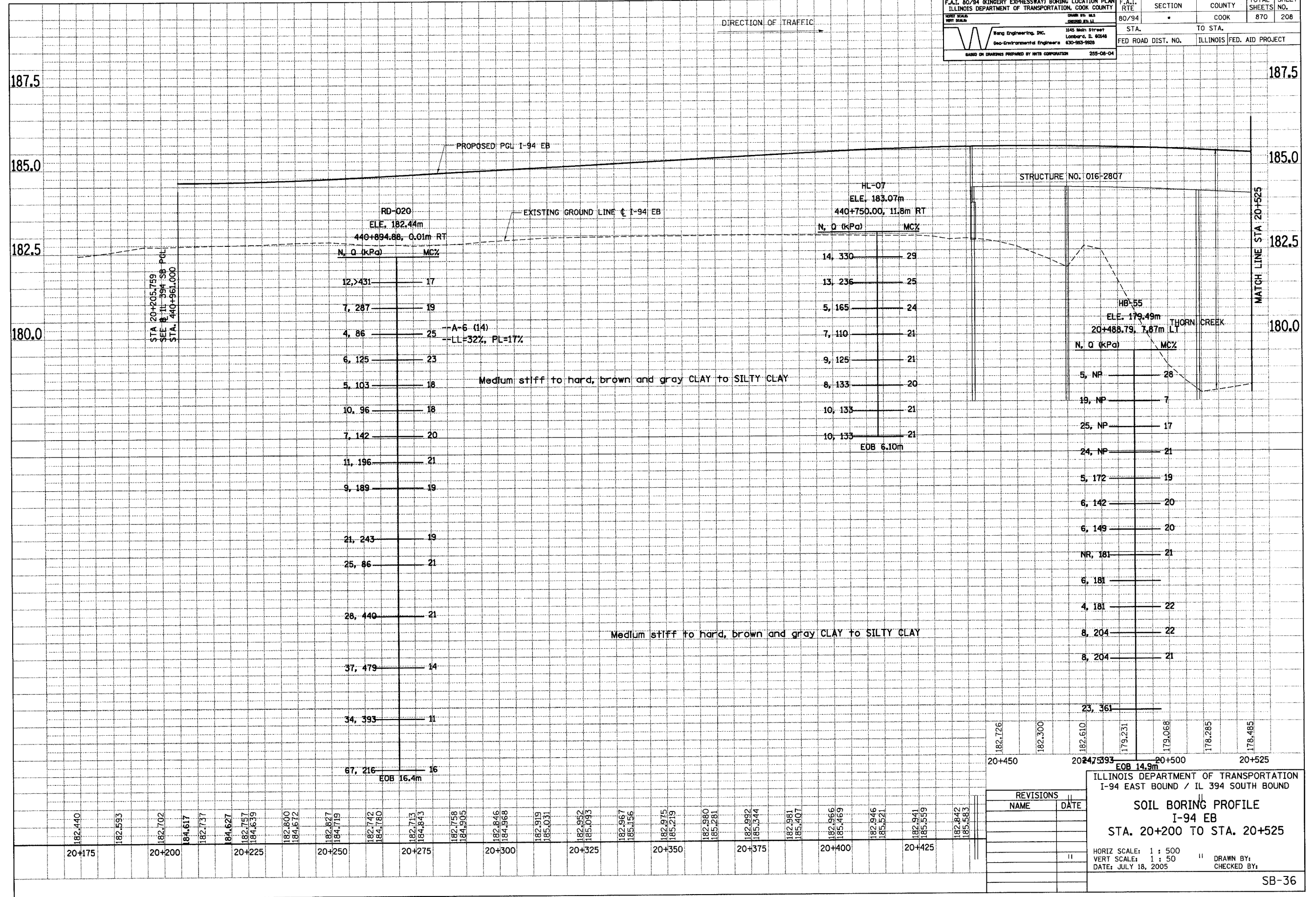
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
SOIL BORING PROFILE
I-94
STA. 19+725 TO STA. 20+000

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY:
CHECKED BY:

HNTB SB-35

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN BY: WANG, JIA CHECKED BY: WANG, JIA		80/94	*	COOK	870	208
Wang Engineering, Inc. 3145 Main Street Lombard, IL 60148 Geo-Environmental Engineers 630-983-9928		STA.	TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
BASED ON DRAWINGS PREPARED BY INTE CORPORATION 255-08-04						



REVISIONS	
NAME	DATE

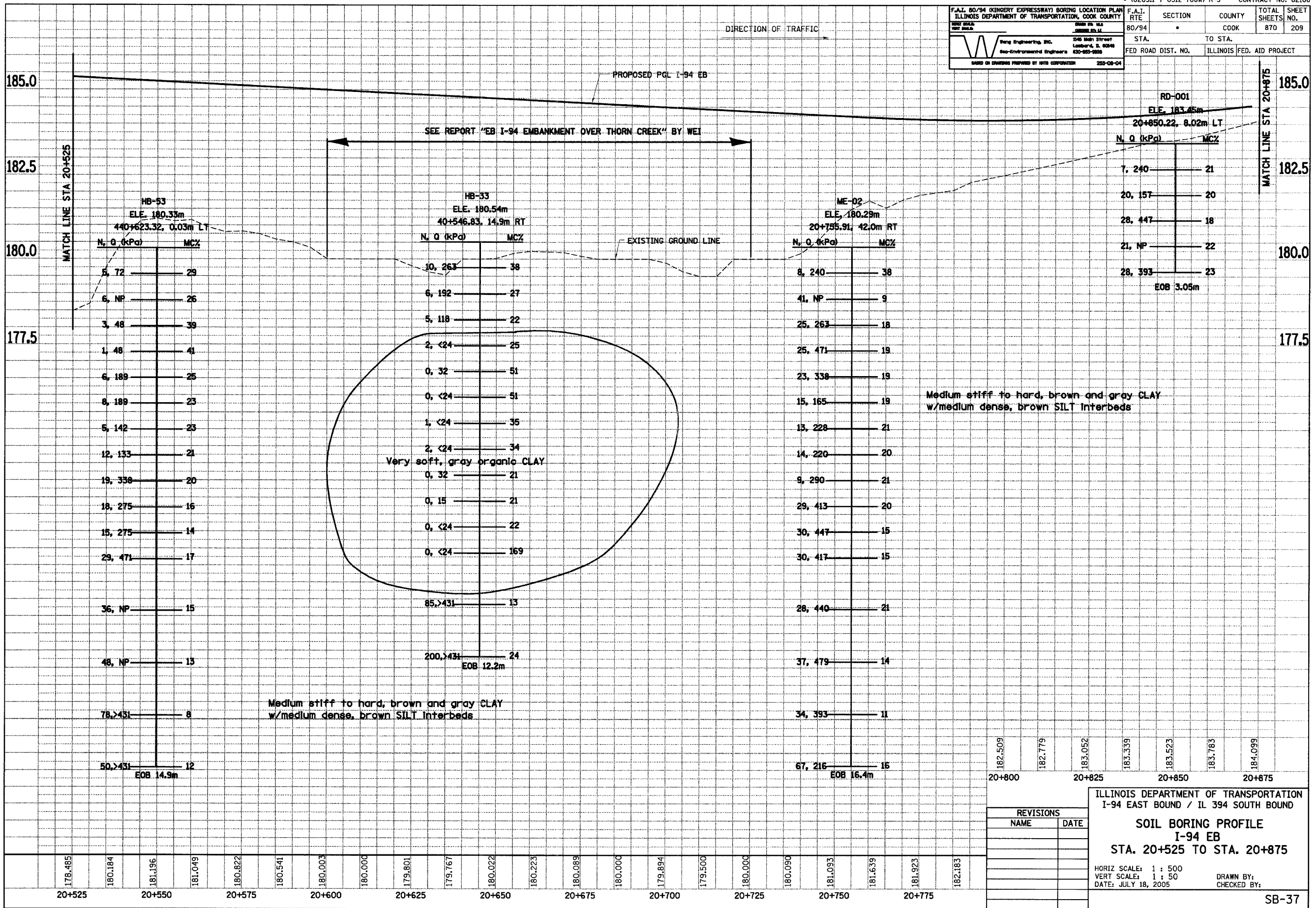
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

SOIL BORING PROFILE
I-94 EB
STA. 20+200 TO STA. 20+525

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY:
CHECKED BY:

F.A.I. 80/94 (KINGERY EXPRESSWAY) BORING LOCATION PLAN ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS NO.
80/94				COOK	870
STA.		TO STA.			
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

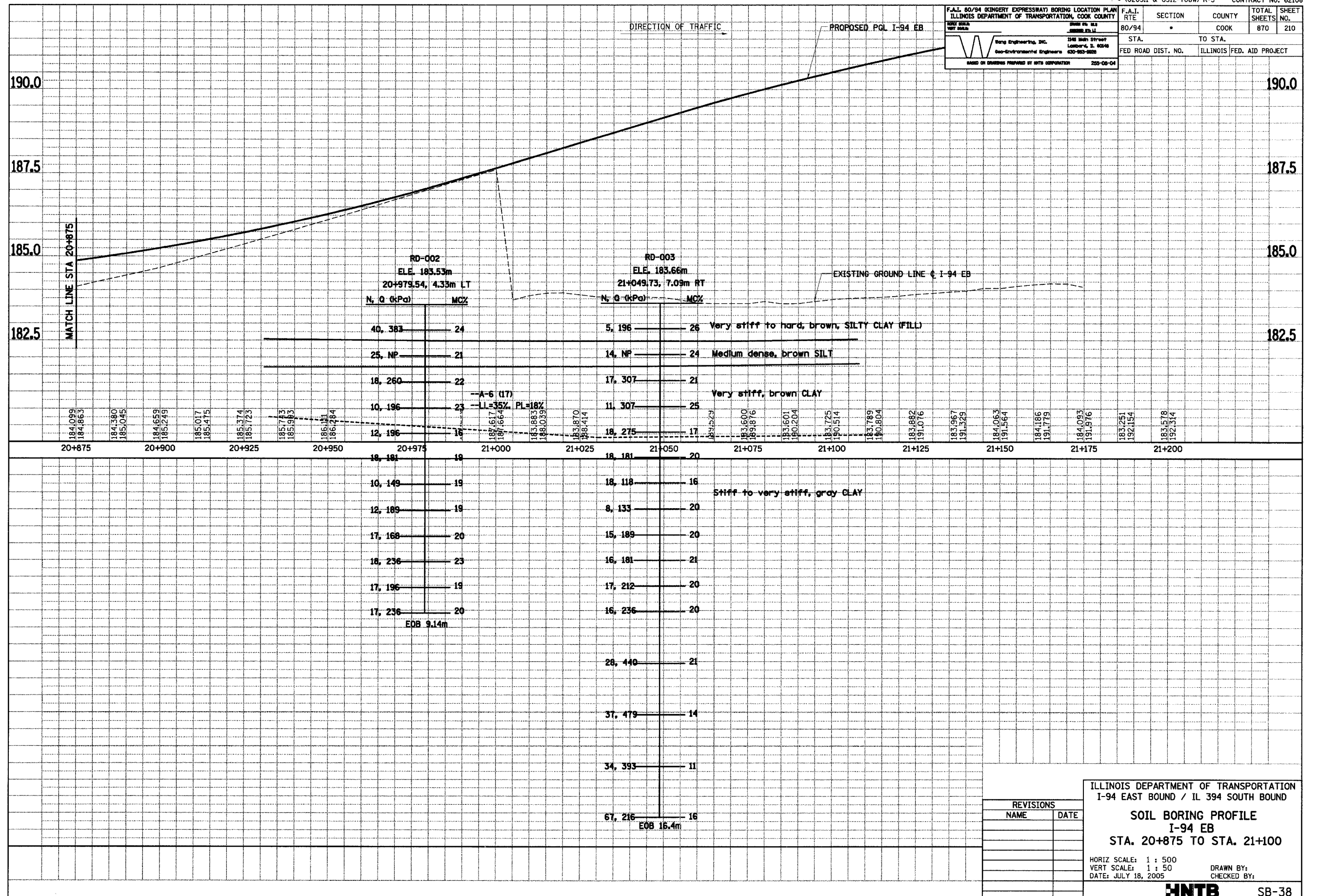


182.509	182.779	183.052	183.339	183.523	183.763	184.099
20+800	20+825	20+850	20+875			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION I-94 EAST BOUND / IL 394 SOUTH BOUND	
SOIL BORING PROFILE I-94 EB STA. 20+525 TO STA. 20+875	
HORIZ SCALE: 1 : 500	DRAWN BY:
VERT SCALE: 1 : 50	CHECKED BY:
DATE: JULY 18, 2005	

F.A.I. ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		80/94		COOK	870	210
Wang Engineering, Inc. 346 1/2th Street Lombard, IL 60148 Geo-Environmental Engineers 630-253-8888		STA. TO STA.		ILLINOIS FED. AID PROJECT		
BASED ON DIVISION PROVIDED BY THIS CORPORATION		255-08-04				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

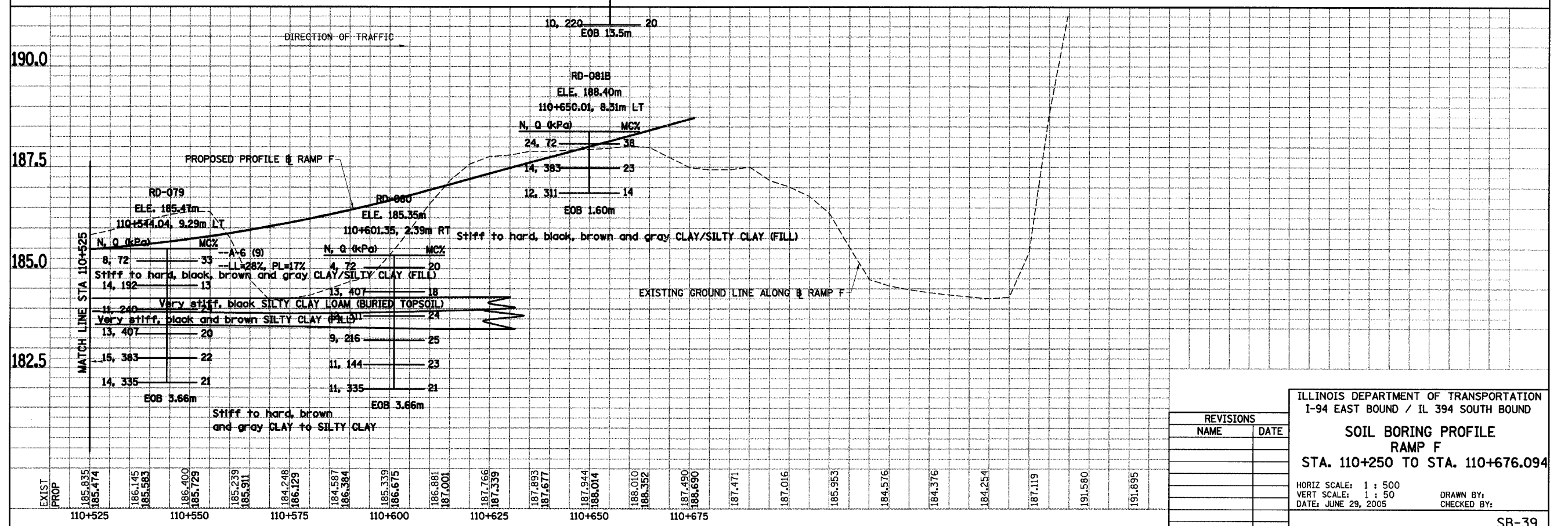
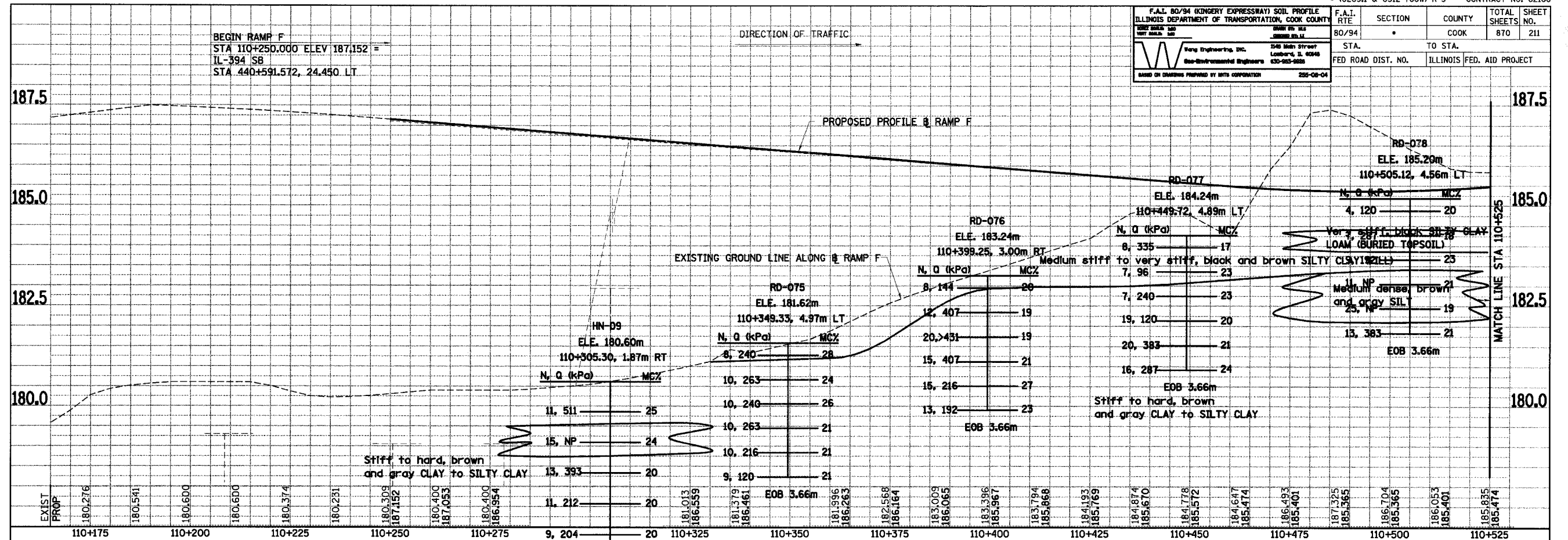
SOIL BORING PROFILE
I-94 EB
STA. 20+875 TO STA. 21+100

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY:
CHECKED BY:

HNTB SB-38

F.A.I. 80/94 (KINGERY EXPRESSWAY) SOIL PROFILE ILLINOIS DEPARTMENT OF TRANSPORTATION, COOK COUNTY		F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS NO.
80/94				COOK	870
ST. NO.		TO STA.		SHEET NO.	
80/94				211	
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

**SOIL BORING PROFILE
RAMP F
STA. 110+250 TO STA. 110+676.094**

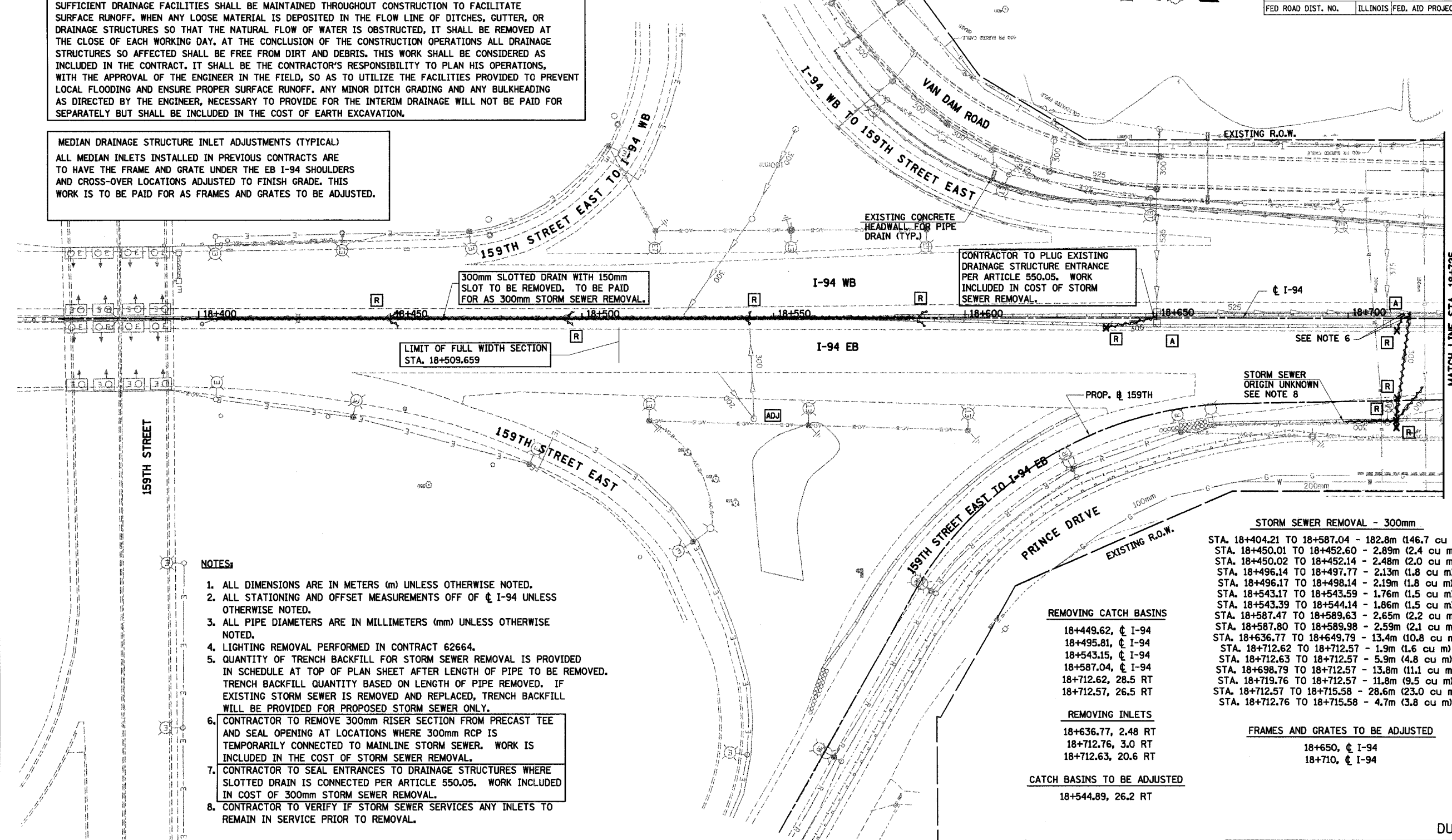
HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JUNE 29, 2005

DRAWN BY:
CHECKED BY:

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	212
STA.	18+363	TO STA.	18+725	
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INTERIM DRAINAGE (TYPICAL)
 SUFFICIENT DRAINAGE FACILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO FACILITATE SURFACE RUNOFF. WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER, OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLAN HIS OPERATIONS, WITH THE APPROVAL OF THE ENGINEER IN THE FIELD, SO AS TO UTILIZE THE FACILITIES PROVIDED TO PREVENT LOCAL FLOODING AND ENSURE PROPER SURFACE RUNOFF. ANY MINOR DITCH GRADING AND ANY BULKHEADING AS DIRECTED BY THE ENGINEER, NECESSARY TO PROVIDE FOR THE INTERIM DRAINAGE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

MEDIAN DRAINAGE STRUCTURE INLET ADJUSTMENTS (TYPICAL)
 ALL MEDIAN INLETS INSTALLED IN PREVIOUS CONTRACTS ARE TO HAVE THE FRAME AND GRATE UNDER THE EB I-94 SHOULDERS AND CROSS-OVER LOCATIONS ADJUSTED TO FINISH GRADE. THIS WORK IS TO BE PAID FOR AS FRAMES AND GRATES TO BE ADJUSTED.



- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL STATIONING AND OFFSET MEASUREMENTS OFF OF ϕ I-94 UNLESS OTHERWISE NOTED.
 - ALL PIPE DIAMETERS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 - LIGHTING REMOVAL PERFORMED IN CONTRACT 62664.
 - QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 - CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN THE COST OF STORM SEWER REMOVAL.
 - CONTRACTOR TO SEAL ENTRANCES TO DRAINAGE STRUCTURES WHERE SLOTTED DRAIN IS CONNECTED PER ARTICLE 550.05. WORK INCLUDED IN COST OF 300mm STORM SEWER REMOVAL.
 - CONTRACTOR TO VERIFY IF STORM SEWER SERVICES ANY INLETS TO REMAIN IN SERVICE PRIOR TO REMOVAL.

STORM SEWER REMOVAL - 300mm

STA. 18+404.21 TO 18+587.04	- 182.8m (146.7 cu m)
STA. 18+450.01 TO 18+452.60	- 2.89m (2.4 cu m)
STA. 18+450.02 TO 18+452.14	- 2.48m (2.0 cu m)
STA. 18+496.14 TO 18+497.77	- 2.13m (1.8 cu m)
STA. 18+496.17 TO 18+498.14	- 2.19m (1.8 cu m)
STA. 18+543.17 TO 18+543.59	- 1.76m (1.5 cu m)
STA. 18+543.39 TO 18+544.14	- 1.86m (1.5 cu m)
STA. 18+587.47 TO 18+589.63	- 2.65m (2.2 cu m)
STA. 18+587.80 TO 18+589.98	- 2.59m (2.1 cu m)
STA. 18+636.77 TO 18+649.79	- 13.4m (10.8 cu m)
STA. 18+712.62 TO 18+712.57	- 1.9m (1.6 cu m)
STA. 18+712.63 TO 18+712.57	- 5.9m (4.8 cu m)
STA. 18+698.79 TO 18+712.57	- 13.8m (11.1 cu m)
STA. 18+719.76 TO 18+712.57	- 11.8m (9.5 cu m)
STA. 18+712.57 TO 18+715.58	- 28.6m (23.0 cu m)
STA. 18+712.76 TO 18+715.58	- 4.7m (3.8 cu m)

REMOVING CATCH BASINS

18+449.62, ϕ I-94
18+495.81, ϕ I-94
18+543.15, ϕ I-94
18+587.04, ϕ I-94
18+712.62, 28.5 RT
18+712.57, 26.5 RT

REMOVING INLETS

18+636.77, 2.48 RT
18+712.76, 3.0 RT
18+712.63, 20.6 RT

CATCH BASINS TO BE ADJUSTED

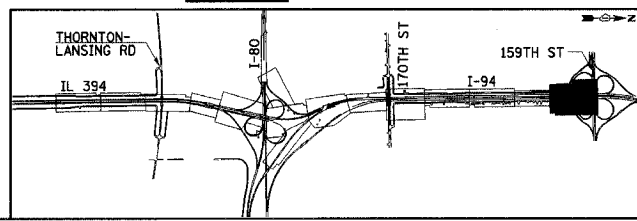
18+544.89, 26.2 RT

FRAMES AND GRATES TO BE ADJUSTED

18+650, ϕ I-94
18+710, ϕ I-94

LEGEND - EXISTING

	EXISTING INLET		EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
	EXISTING CATCH BASIN		EXISTING FRAMES AND GRATES ADJUSTMENT
	EXISTING MANHOLE		EXISTING DRAINAGE STRUCTURES TO BE CLEANED
	EXISTING MEDIAN DRAINAGE STRUCTURE		EXISTING STORM SEWER TO BE REMOVED
	EXISTING DRAINAGE STRUCTURE REMOVAL		EXISTING STORM SEWER
	EXISTING DRAINAGE STRUCTURE ADJUSTMENT		EXISTING SLOTTED DRAIN
	EXISTING DITCH		EXISTING PIPE UNDERDRAIN



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
 I-94
 STA. 18+363 TO STA. 18+725

HORIZ SCALE: 1:500
 VERT SCALE: 1:10
 DATE: JULY 18, 2005

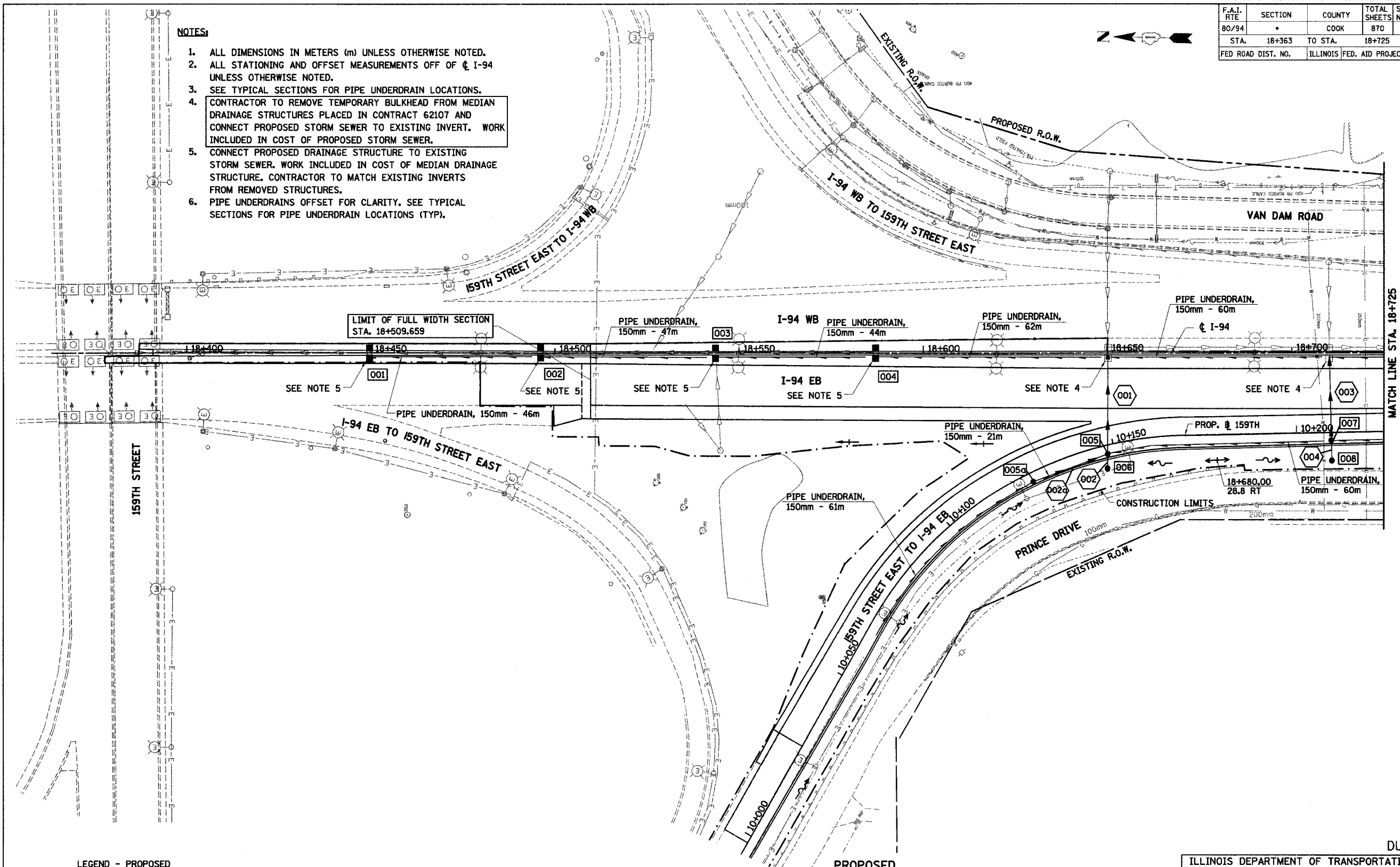
DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	213
STA.	18+363	TO STA.	18+725	
FED ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

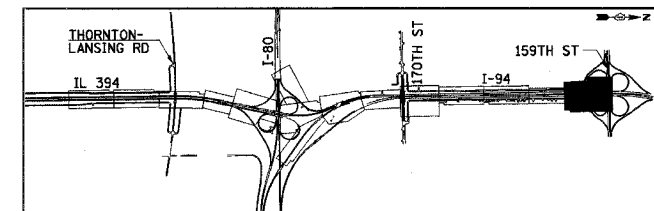
NOTES:

1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF ϕ I-94 UNLESS OTHERWISE NOTED.
3. SEE TYPICAL SECTIONS FOR PIPE UNDERDRAIN LOCATIONS.
4. CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURES PLACED IN CONTRACT 62107 AND CONNECT PROPOSED STORM SEWER TO EXISTING INVERT. WORK INCLUDED IN COST OF PROPOSED STORM SEWER.
5. CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. WORK INCLUDED IN COST OF MEDIAN DRAINAGE STRUCTURE. CONTRACTOR TO MATCH EXISTING INVERTS FROM REMOVED STRUCTURES.
6. PIPE UNDERDRAINS OFFSET FOR CLARITY. SEE TYPICAL SECTIONS FOR PIPE UNDERDRAIN LOCATIONS (TYP).



LEGEND - PROPOSED

- | | | | |
|--|------------------------|--|---|
| | PROPOSED STORM SEWER | | PROPOSED INLET |
| | PROPOSED SUMMIT | | PROPOSED CATCH BASIN |
| | PROPOSED DITCH | | PROPOSED MANHOLE |
| | PROPOSED SLOTTED DRAIN | | MEDIAN DRAINAGE STRUCTURE |
| | PROPOSED SWALE | | PRECAST REINFORCED CONC. FLARED END SECTION |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
 I-94
 STA. 18+363 TO STA. 18+725

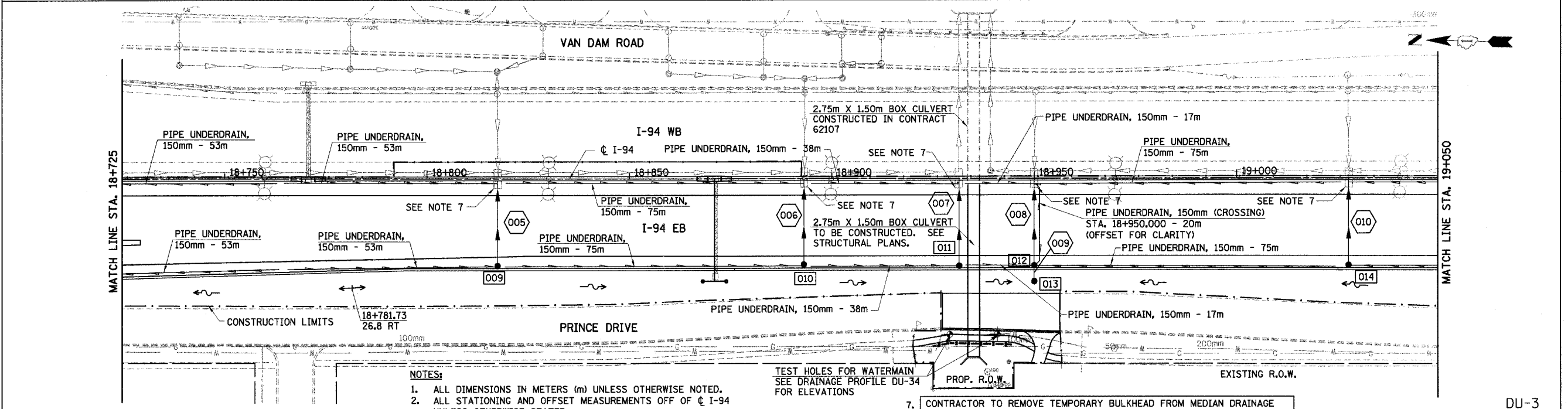
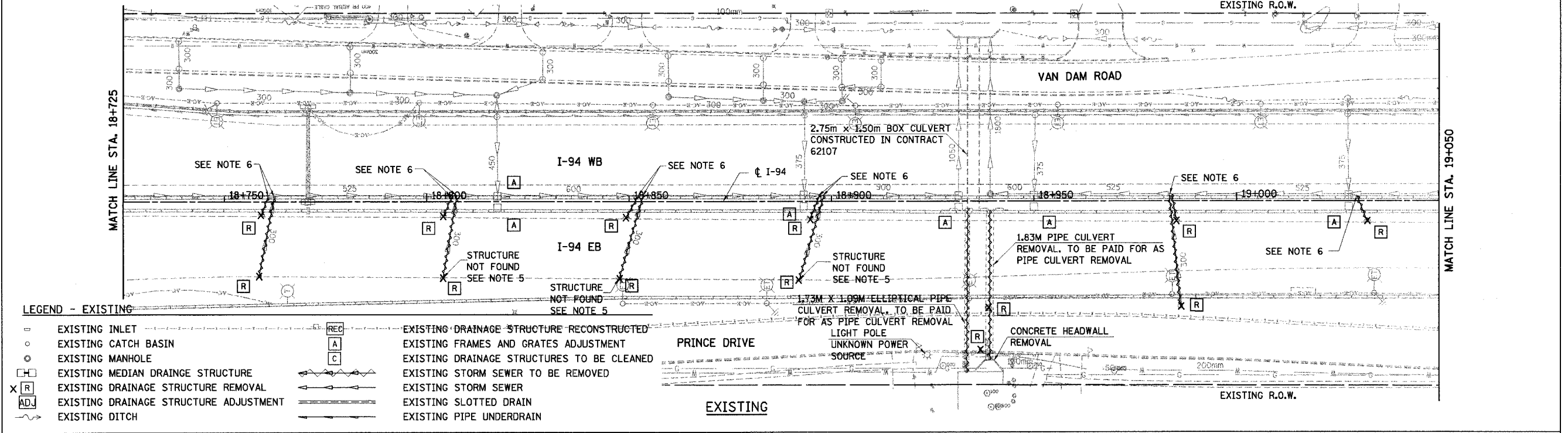
HORIZ SCALE: 1:500
 VERT SCALE: 1:500
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

REMOVING INLETS 18+758.5, 18.6 RT 18+759.1, 3.3 RT 18+804.1, 3.6 RT 18+803.9, 19.0 RT 18+847.6, 19.2 RT 18+849.2, 4.0 RT	REMOVING INLETS 18+891.9, 19.7 RT 18+894.7, 4.3 RT 18+936.7, 36.8 RT 18+985.1, 4.9 RT 19+032.2, 5.0 RT	REMOVING CATCH BASINS 18+986.1, 25.9 RT REMOVING MANHOLES 18+938.7, 26.3 RT	STORM SEWER REMOVAL - 300mm STA. 18+758.53 TO 18+760.95 - 19.3m (15.5 cu m) STA. 18+759.11 TO 18+760.95 - 5.1m (4.1 cu m) STA. 18+803.92 TO 18+806.72 - 20.5m (16.5 cu m) STA. 18+804.05 TO 18+806.72 - 5.5m (4.5 cu m) STA. 18+847.59 TO 18+852.92 - 25.4m (20.4 cu m) STA. 18+849.23 TO 18+852.92 - 6.3m (5.1 cu m)	STORM SEWER REMOVAL - 300mm STA. 18+891.93 TO 18+897.21 - 21.6m (17.4 cu m) STA. 18+894.69 TO 18+897.21 - 5.8m (4.7 cu m) STA. 18+986.11 TO 18+983.58 - 27.7m (22.3 cu m) STA. 18+985.09 TO 18+983.58 - 6.7m (5.4 cu m) STA. 19+032.21 TO 19+028.72 - 6.8m (5.5 cu m)	PIPE CULVERT REMOVAL STA. 18+933.34 TO 18+933.64 - 40.3m STA. 18+939.05 TO 18+938.67 - 12.9m STA. 18+938.67 TO 18+939.07 - 24.2m	FRAMES AND GRATES TO BE ADJUSTED 18+817.32, C I-94 18+893.31, C I-94 18+931.35, C I-94 18+950.00, C I-94 19+027.35, C I-94
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F.A.I. RTE 80/94	SECTION *	COUNTY COOK	TOTAL SHEETS 870	SHEET NO. 214
STA. 18+725		TO STA. 19+050		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

- ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
- ALL STATIONING AND OFFSET MEASUREMENTS OFF OF C I-94 UNLESS OTHERWISE STATED.
- ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
- QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
- REMOVAL ITEM ADDED FOR STRUCTURES NOT LOCATED.
- CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN COST OF STORM SEWER REMOVAL.

TEST HOLES FOR WATERMAIN
SEE DRAINAGE PROFILE DU-34 FOR ELEVATIONS

CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURES PLACED IN CONTRACT 62107 AND CONNECT PROPOSED STORM SEWER TO EXISTING INVERT. WORK INCLUDED IN COST OF PROPOSED S.S.

PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE AND UTILITIES
I-94
STA. 18+725 TO STA. 19+050

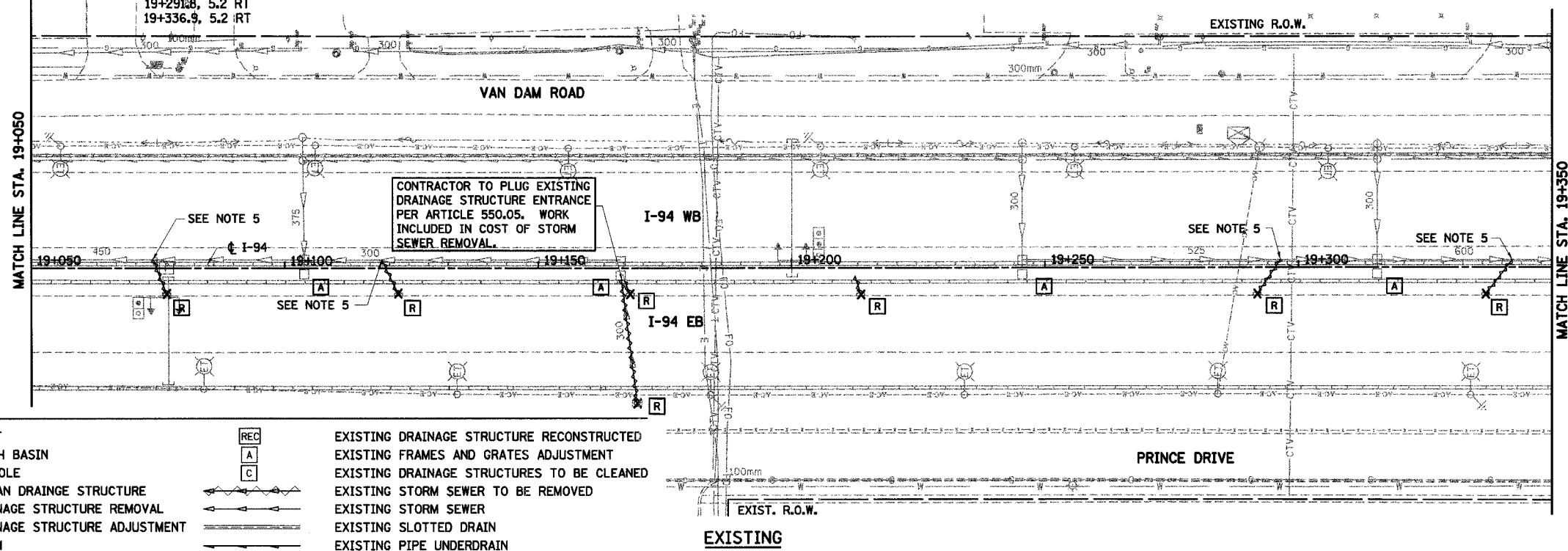
HORIZ SCALE: 1:500
VERT SCALE: NONE
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

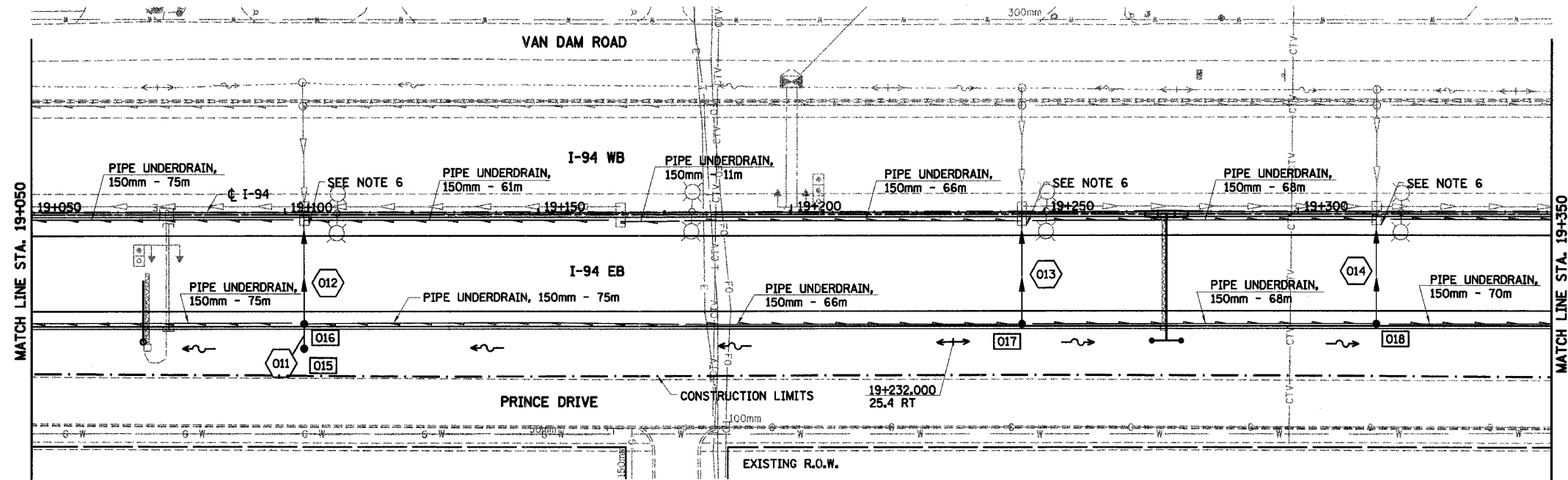
REMOVING INLETS	REMOVING CATCH BASINS	STORM SEWER REMOVAL - 300mm	STORM SEWER REMOVAL - 300mm	FRAMES AND GRATES TO BE ADJUSTED
19+076.7, 5.2 RT 19+122.4, 5.2 RT 19+168.2, 5.2 RT 19+213.6, 5.2 RT 19+291.8, 5.2 RT 19+336.9, 5.2 RT	19+169.5, 26.6 RT	STA. 19+076.72 TO 19+074.53 - 7.4m (6.0 cu m) STA. 19+122.42 TO 19+119.89 - 7.5m (6.1 cu m) STA. 19+169.48 TO 19+166.28 - 26.8m (21.5 cu m) STA. 19+168.16 TO 19+166.28 - 5.5m (4.5 cu m)	STA. 19+213.61 TO 19+212.51 - 3.9m (3.2 cu m) STA. 19+291.81 TO 19+294.24 - 8.2m (6.6 cu m) STA. 19+336.89 TO 19+341.16 - 8.6m (6.9 cu m)	19+103.49, C I-94 19+166.29, C I-94 19+245.50, C I-94 19+315.50, C I-94

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	215
STA. 19+050 TO STA. 19+350		ILLINOIS FED. AID PROJECT		



LEGEND - EXISTING

- EXISTING INLET
- EXISTING CATCH BASIN
- ⊙ EXISTING MANHOLE
- ⊠ EXISTING MEDIAN DRAINAGE STRUCTURE
- X[R] EXISTING DRAINAGE STRUCTURE REMOVAL
- ADJ EXISTING DRAINAGE STRUCTURE ADJUSTMENT
- EXISTING DITCH
- REC EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
- A EXISTING FRAMES AND GRATES ADJUSTMENT
- C EXISTING DRAINAGE STRUCTURES TO BE CLEANED
- EXISTING STORM SEWER TO BE REMOVED
- EXISTING STORM SEWER
- EXISTING SLOTTED DRAIN
- EXISTING PIPE UNDERDRAIN

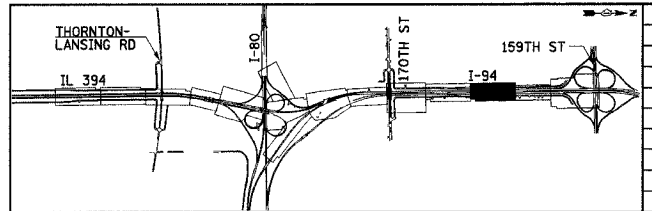


LEGEND - PROPOSED

- PROPOSED STORM SEWER
- PROPOSED SUMMIT
- PROPOSED DITCH
- PROPOSED SLOTTED DRAIN
- PROPOSED SWALE
- PROPOSED INLET
- PROPOSED CATCH BASIN
- ⊙ PROPOSED MANHOLE
- ⊠ MEDIAN DRAINAGE STRUCTURE
- ▲ PRECAST REINFORCED CONC. FLARED END SECTION

NOTES:

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF C I-94 UNLESS OTHERWISE STATED.
3. ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
4. QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
5. CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN COST OF STORM SEWER REMOVAL.
6. CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURES PLACED IN CONTRACT 62107 AND CONNECT PROPOSED STORM SEWER TO EXISTING INVERT. WORK INCLUDED IN COST OF PROPOSED STORM SEWER.



REVISIONS	
NAME	DATE

DU-4

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94
STA. 19+050 TO STA. 19+350

HORIZ SCALE: 1:500
VERT SCALE: NONE
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

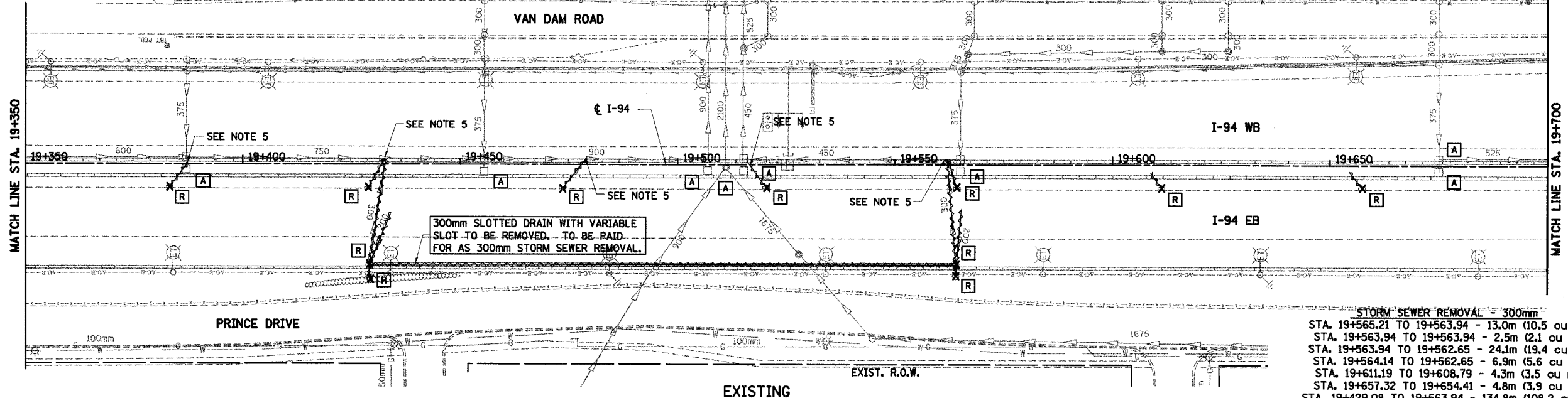
LEGEND - EXISTING

- EXISTING INLET
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING MEDIAN DRAINAGE STRUCTURE
- X [R] EXISTING DRAINAGE STRUCTURE REMOVAL
- [AD] EXISTING DRAINAGE STRUCTURE ADJUSTMENT
- ~ EXISTING DITCH

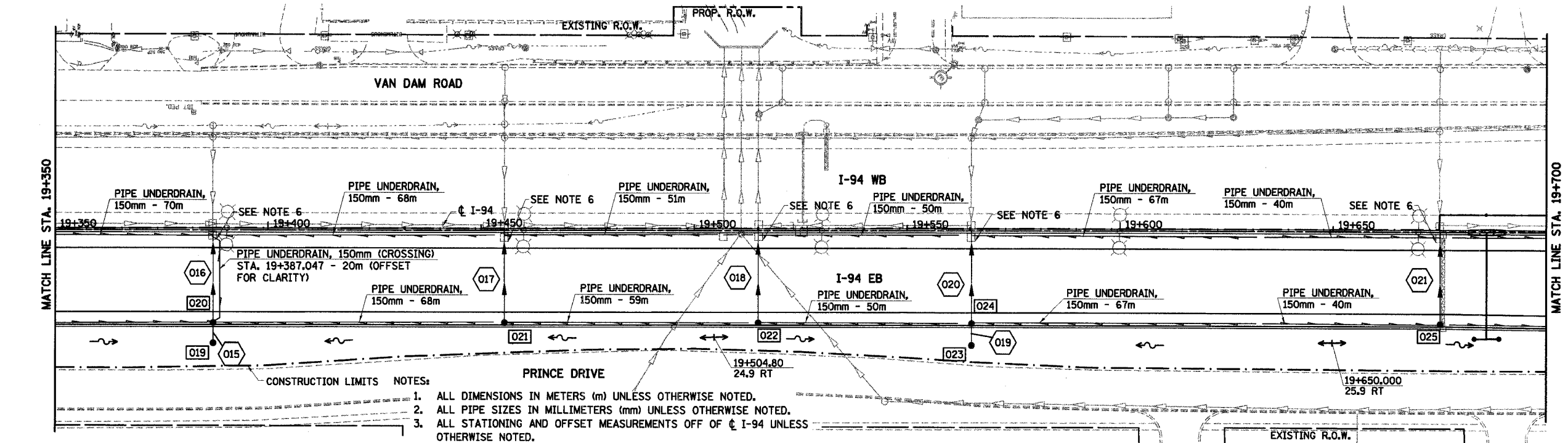
- [REC] EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
- [A] EXISTING FRAMES AND GRATES ADJUSTMENT
- [C] EXISTING DRAINAGE STRUCTURES TO BE CLEANED
- ~ EXISTING STORM SEWER TO BE REMOVED
- ~ EXISTING STORM SEWER
- ~ EXISTING SLOTTED DRAIN
- ~ EXISTING PIPE UNDERDRAIN

- REMOVING INLETS
 - 19+383.1, 5.3 RT
 - 19+428.7, 5.5 RT
 - 19+473.6, 5.4 RT
 - 19+520.2, 5.3 RT
- REMOVING INLETS
 - 19+564.1, 5.4 RT
 - 19+611.2, 5.3 RT
 - 19+657.3, 5.2 RT
- REMOVING CATCH BASINS
 - 19+429.1, 23.1 RT
 - 19+429.1, 26.1 RT
 - 19+563.9, 23.0 RT
 - 19+563.9, 25.5 RT
- STORM SEWER REMOVAL - 300mm
 - STA. 19+383.08 TO 19+387.22 - 6.8m (5.5 cu m)
 - STA. 19+434.02 TO 19+429.08 - 12.9m (10.4 cu m)
 - STA. 19+429.07 TO 19+429.08 - 3.1m (2.5 cu m)
 - STA. 19+429.08 TO 19+432.29 - 24.0m (19.3 cu m)
 - STA. 19+428.75 TO 19+432.29 - 7.4m (6.0 cu m)
 - STA. 19+473.59 TO 19+477.90 - 8.4m (6.8 cu m)
 - STA. 19+520.29 TO 19+516.64 - 6.3m (5.1 cu m)

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	216
STA. 19+350 TO STA. 19+700				
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- STORM SEWER REMOVAL - 300mm
 - STA. 19+565.21 TO 19+563.94 - 13.0m (10.5 cu m)
 - STA. 19+563.94 TO 19+563.94 - 2.5m (2.1 cu m)
 - STA. 19+563.94 TO 19+562.65 - 24.1m (19.4 cu m)
 - STA. 19+564.14 TO 19+562.65 - 6.9m (5.6 cu m)
 - STA. 19+611.19 TO 19+608.79 - 4.3m (3.5 cu m)
 - STA. 19+657.32 TO 19+654.41 - 4.8m (3.9 cu m)
 - STA. 19+429.08 TO 19+563.94 - 134.8m (108.2 cu m)

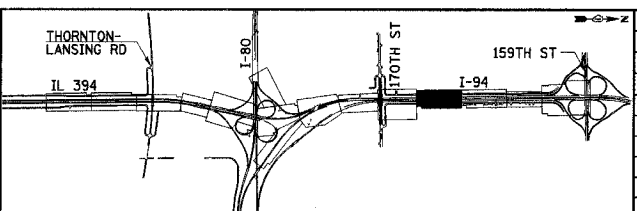


LEGEND - PROPOSED

- ~ PROPOSED STORM SEWER
- ~ PROPOSED SUMMIT
- ~ PROPOSED DITCH
- ~ PROPOSED SLOTTED DRAIN
- ~ PROPOSED SWALE
- PROPOSED INLET
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- MEDIAN DRAINAGE STRUCTURE
- ▲ PRECAST REINFORCED CONC. FLARED END SECTION

- CONSTRUCTION LIMITS NOTES:**
- ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 - ALL STATIONING AND OFFSET MEASUREMENTS OFF OF ϕ I-94 UNLESS OTHERWISE NOTED.
 - TRENCH BACKFILL FOR STORM SEWER REMOVAL GIVEN AFTER LENGTH OF PIPE REMOVAL. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 - CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN COST OF STORM SEWER REMOVAL.
 - CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MDS PLACED IN CONTRACT 62107 AND CONNECT PROPOSED STORM SEWER TO EXISTING INVERT. WORK INCLUDED IN COST OF PROPOSED STORM SEWER.

PROPOSED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE AND UTILITIES
 I-94
 STA. 19+350 TO STA. 19+700

HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	217
STA. 19+700 TO STA. 20+000		ILLINOIS FED. AID PROJECT		

NOTES:

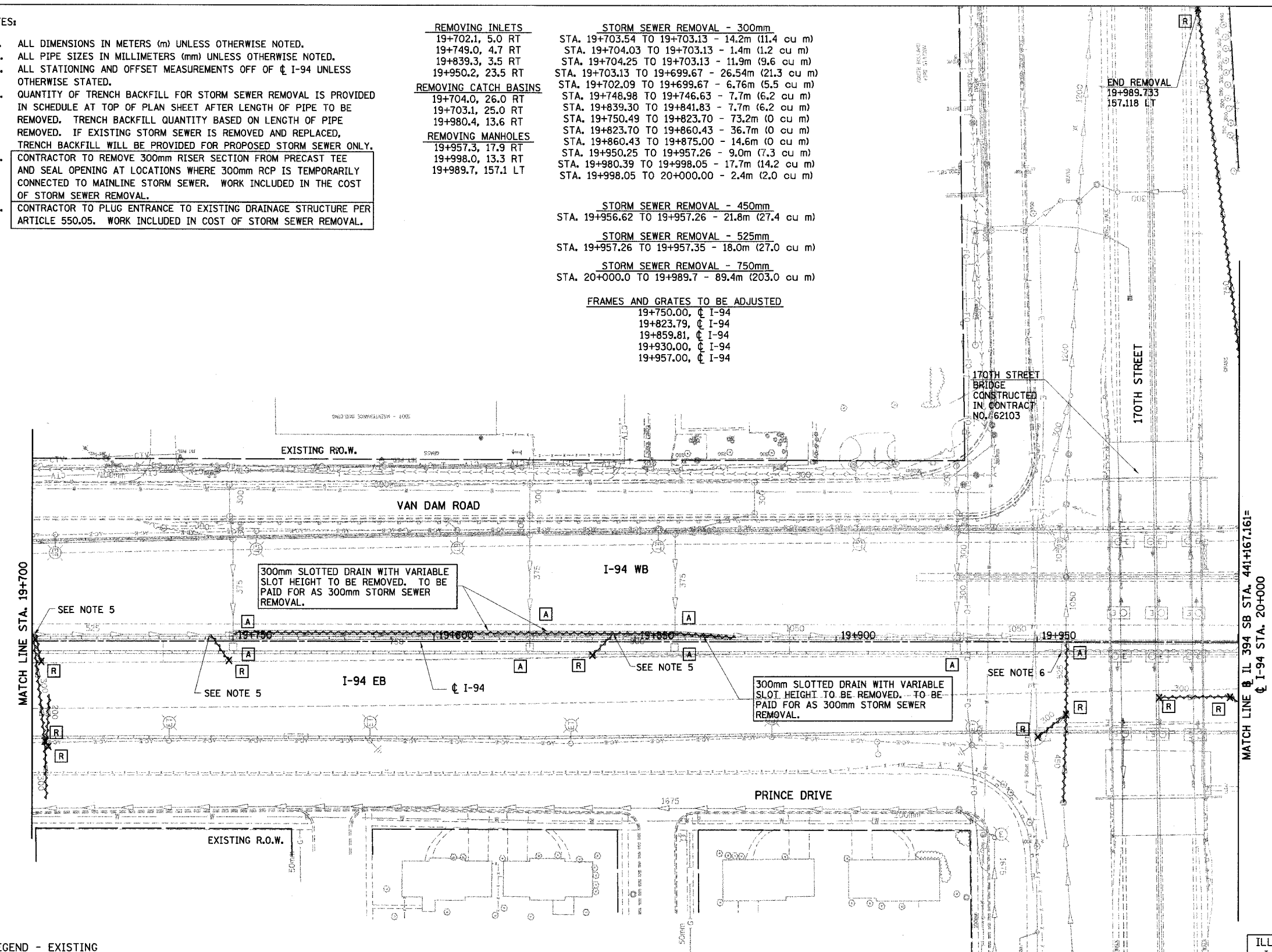
- ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
- ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
- ALL STATIONING AND OFFSET MEASUREMENTS OFF OF ϕ I-94 UNLESS OTHERWISE STATED.
- QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
- CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK INCLUDED IN THE COST OF STORM SEWER REMOVAL.
- CONTRACTOR TO PLUG ENTRANCE TO EXISTING DRAINAGE STRUCTURE PER ARTICLE 550.05. WORK INCLUDED IN COST OF STORM SEWER REMOVAL.

- REMOVING INLETS**
 19+702.1, 5.0 RT
 19+749.0, 4.7 RT
 19+839.3, 3.5 RT
 19+950.2, 23.5 RT
- REMOVING CATCH BASINS**
 19+704.0, 26.0 RT
 19+703.1, 25.0 RT
 19+980.4, 13.6 RT
- REMOVING MANHOLES**
 19+957.3, 17.9 RT
 19+998.0, 13.3 RT
 19+989.7, 157.1 LT

- STORM SEWER REMOVAL - 300mm**
 STA. 19+703.54 TO 19+703.13 - 14.2m (11.4 cu m)
 STA. 19+704.03 TO 19+703.13 - 1.4m (1.2 cu m)
 STA. 19+704.25 TO 19+703.13 - 11.9m (9.6 cu m)
 STA. 19+703.13 TO 19+699.67 - 26.54m (21.3 cu m)
 STA. 19+702.09 TO 19+699.67 - 6.76m (5.5 cu m)
 STA. 19+748.98 TO 19+746.63 - 7.7m (6.2 cu m)
 STA. 19+839.30 TO 19+841.83 - 7.7m (6.2 cu m)
 STA. 19+750.49 TO 19+823.70 - 73.2m (0 cu m)
 STA. 19+823.70 TO 19+860.43 - 36.7m (0 cu m)
 STA. 19+860.43 TO 19+875.00 - 14.6m (0 cu m)
 STA. 19+950.25 TO 19+957.26 - 9.0m (7.3 cu m)
 STA. 19+980.39 TO 19+998.05 - 17.7m (14.2 cu m)
 STA. 19+998.05 TO 20+000.00 - 2.4m (2.0 cu m)
- STORM SEWER REMOVAL - 450mm**
 STA. 19+956.62 TO 19+957.26 - 21.8m (27.4 cu m)
- STORM SEWER REMOVAL - 525mm**
 STA. 19+957.26 TO 19+957.35 - 18.0m (27.0 cu m)
- STORM SEWER REMOVAL - 750mm**
 STA. 20+000.0 TO 19+989.7 - 89.4m (203.0 cu m)

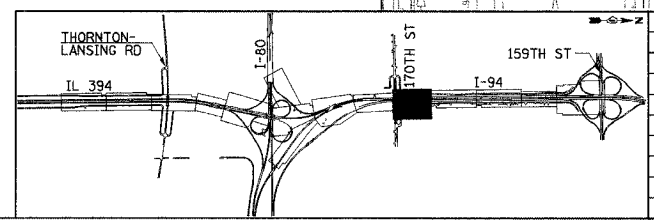
FRAMES AND GRATES TO BE ADJUSTED

- 19+750.00, ϕ I-94
 19+823.79, ϕ I-94
 19+859.81, ϕ I-94
 19+930.00, ϕ I-94
 19+957.00, ϕ I-94



LEGEND - EXISTING

- | | |
|--|---|
| \circ EXISTING INLET | \square REC EXISTING DRAINAGE STRUCTURE RECONSTRUCTED |
| \odot EXISTING CATCH BASIN | \square A EXISTING FRAMES AND GRATES ADJUSTMENT |
| \circ EXISTING MANHOLE | \square C EXISTING DRAINAGE STRUCTURES TO BE CLEANED |
| \square EXISTING MEDIAN DRAINAGE STRUCTURE | --- EXISTING STORM SEWER TO BE REMOVED |
| \times R EXISTING DRAINAGE STRUCTURE REMOVAL | --- EXISTING STORM SEWER |
| ADJ EXISTING DRAINAGE STRUCTURE ADJUSTMENT | --- EXISTING SLOTTED DRAIN |
| --- EXISTING DITCH | --- EXISTING PIPE UNDERDRAIN |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
 I-94
 STA. 19+700 TO STA. 20+000

HORIZ SCALE: 1:500
 VERT SCALE: 1:500
 DATE: JULY 18, 2005
 DRAWN BY: JPH
 CHECKED BY: MAM

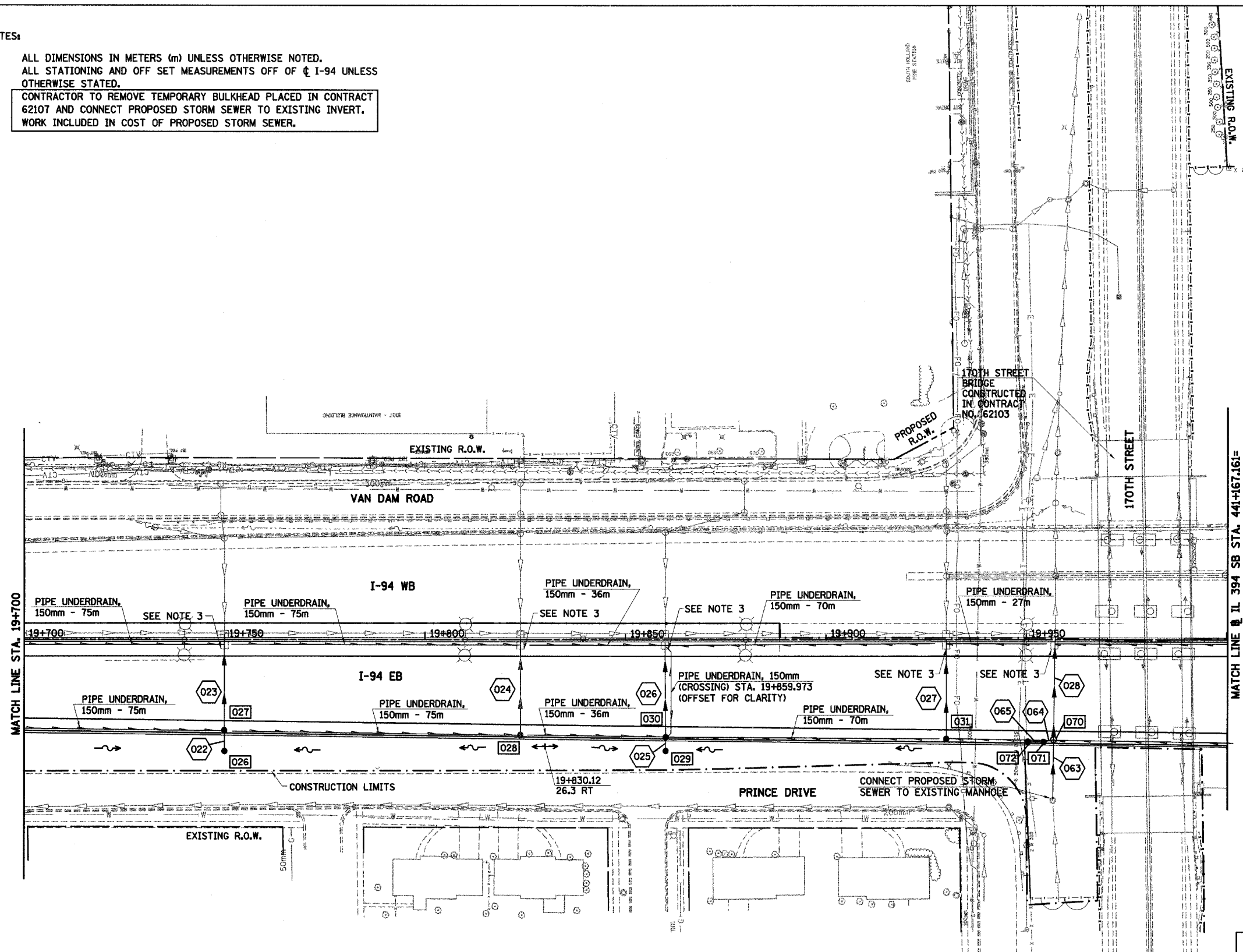


F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	218
STA. 19+700		TO STA. 20+000		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



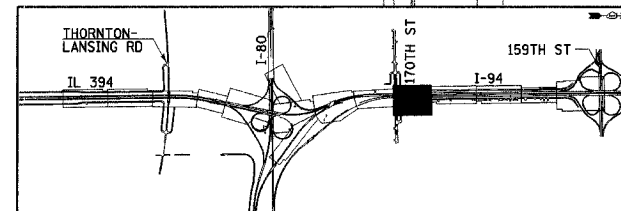
NOTES:

1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL STATIONING AND OFF SET MEASUREMENTS OFF OF ϕ I-94 UNLESS OTHERWISE STATED.
3. CONTRACTOR TO REMOVE TEMPORARY BULKHEAD PLACED IN CONTRACT 62107 AND CONNECT PROPOSED STORM SEWER TO EXISTING INVERT. WORK INCLUDED IN COST OF PROPOSED STORM SEWER.



LEGEND - PROPOSED

- | | | | |
|--|------------------------|--|---|
| | PROPOSED STORM SEWER | | PROPOSED INLET |
| | PROPOSED SUMMIT | | PROPOSED CATCH BASIN |
| | PROPOSED DITCH | | PROPOSED MANHOLE |
| | PROPOSED SLOTTED DRAIN | | MEDIAN DRAINAGE STRUCTURE |
| | PROPOSED SWALE | | PRECAST REINFORCED CONC. FLARED END SECTION |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94
STA. 19+700 TO STA. 20+000

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

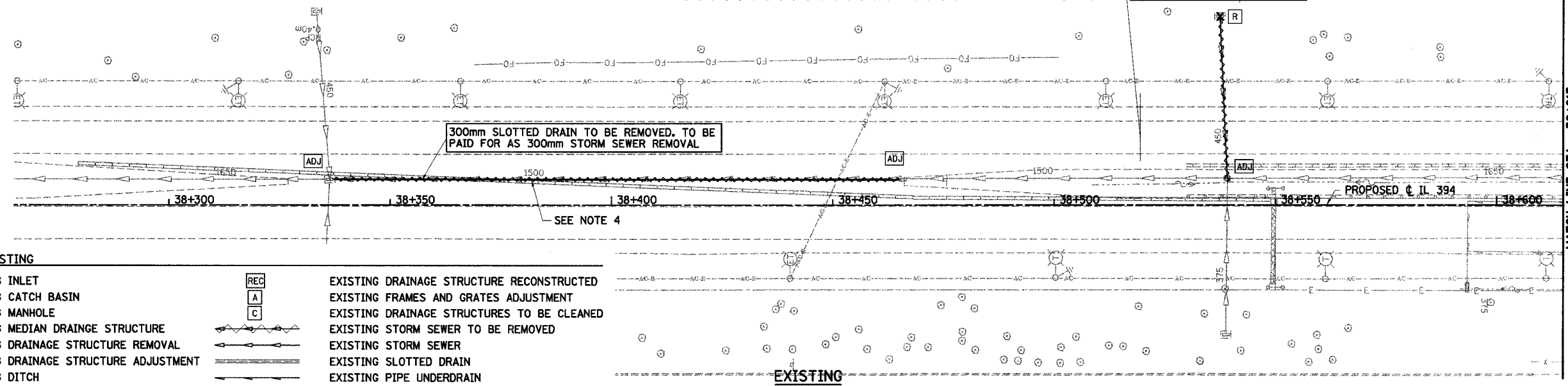


F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	219
STA. 38+550 TO STA. 38+875			38+875	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

REMOVING CATCH BASINS
 38+537.5, 42.6 LT
MANHOLES TO BE ADJUSTED
 38+539.0, 6.0 LT
MANHOLES TO BE ADJUSTED W/T8 G
 38+336.4, 5.8 LT
 38+465.9, 5.7 LT
STORM SEWER REMOVAL - 450mm
 STA. 38+537.45 TO 38+539.04 - 36.6m (46.0 cu m)
STORM SEWER REMOVAL - 300mm
 STA. 38+337.25 TO 38+465.13 - 127.9m
STORM SEWER TO BE ABANDONED AND GROUTED
 STA. 38+377.9 TO 38+386.9 - 2 cu m

EXISTING R.O.W. →

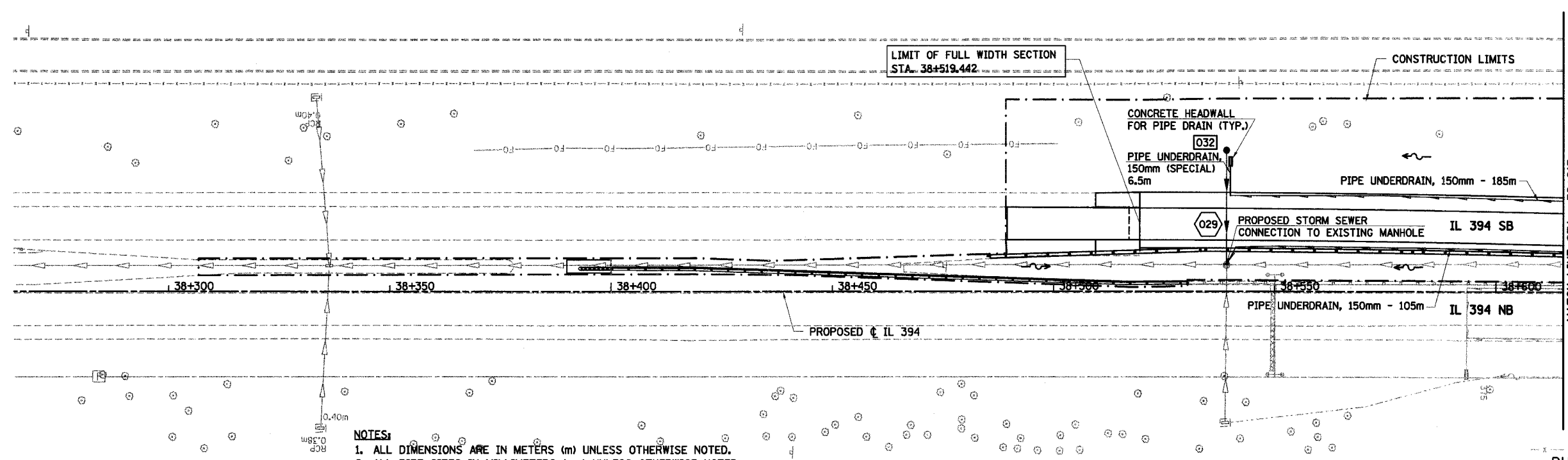
LIMIT OF FULL WIDTH SECTION
STA. 38+519.441



LEGEND - EXISTING

- | | | | |
|-----|--|-----|--|
| ○ | EXISTING INLET | REC | EXISTING DRAINAGE STRUCTURE RECONSTRUCTED |
| ○ | EXISTING CATCH BASIN | A | EXISTING FRAMES AND GRATES ADJUSTMENT |
| ○ | EXISTING MANHOLE | C | EXISTING DRAINAGE STRUCTURES TO BE CLEANED |
| □ | EXISTING MEDIAN DRAINAGE STRUCTURE | → | EXISTING STORM SEWER TO BE REMOVED |
| X | EXISTING DRAINAGE STRUCTURE REMOVAL | → | EXISTING STORM SEWER |
| ADJ | EXISTING DRAINAGE STRUCTURE ADJUSTMENT | → | EXISTING SLOTTED DRAIN |
| → | EXISTING DITCH | → | EXISTING PIPE UNDERDRAIN |

EXISTING R.O.W. →

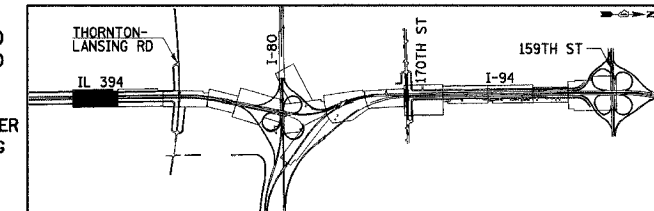


LEGEND - PROPOSED

- | | | | |
|---|------------------------|---|---|
| → | PROPOSED STORM SEWER | ■ | PROPOSED INLET |
| → | PROPOSED SUMMIT | ● | PROPOSED CATCH BASIN |
| → | PROPOSED DITCH | ○ | PROPOSED MANHOLE |
| → | PROPOSED SLOTTED DRAIN | ■ | MEDIAN DRAINAGE STRUCTURE |
| → | PROPOSED SWALE | ▲ | PRECAST REINFORCED CONC. FLARED END SECTION |

- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 - QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 - SLOTTED DRAIN TO BE REMOVED AT LOCATIONS WHERE REMOVAL OF TEMPORARY PAVEMENT FOR CROSSOVER TAKES PLACE. AT ALL OTHER LOCATIONS SLOTTED DRAIN TO BE ABANDONED IN PLACE BY FILLING AND GROUTING. THIS WORK IS TO BE PAID FOR AS PAID FOR AS STORM SEWER AND CULVERTS TO BE GROUTED.

PROPOSED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
IL 394
STA. 38+265 TO STA. 38+615

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	220
STA.	38+550	TO STA.	38+875	
FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

REMOVING CATCH BASINS
38+742.2, 35.3 LT

CATCH BASINS TO BE ADJUSTED
38+640.0, 4.5 LT
38+742.6, 2.7 LT

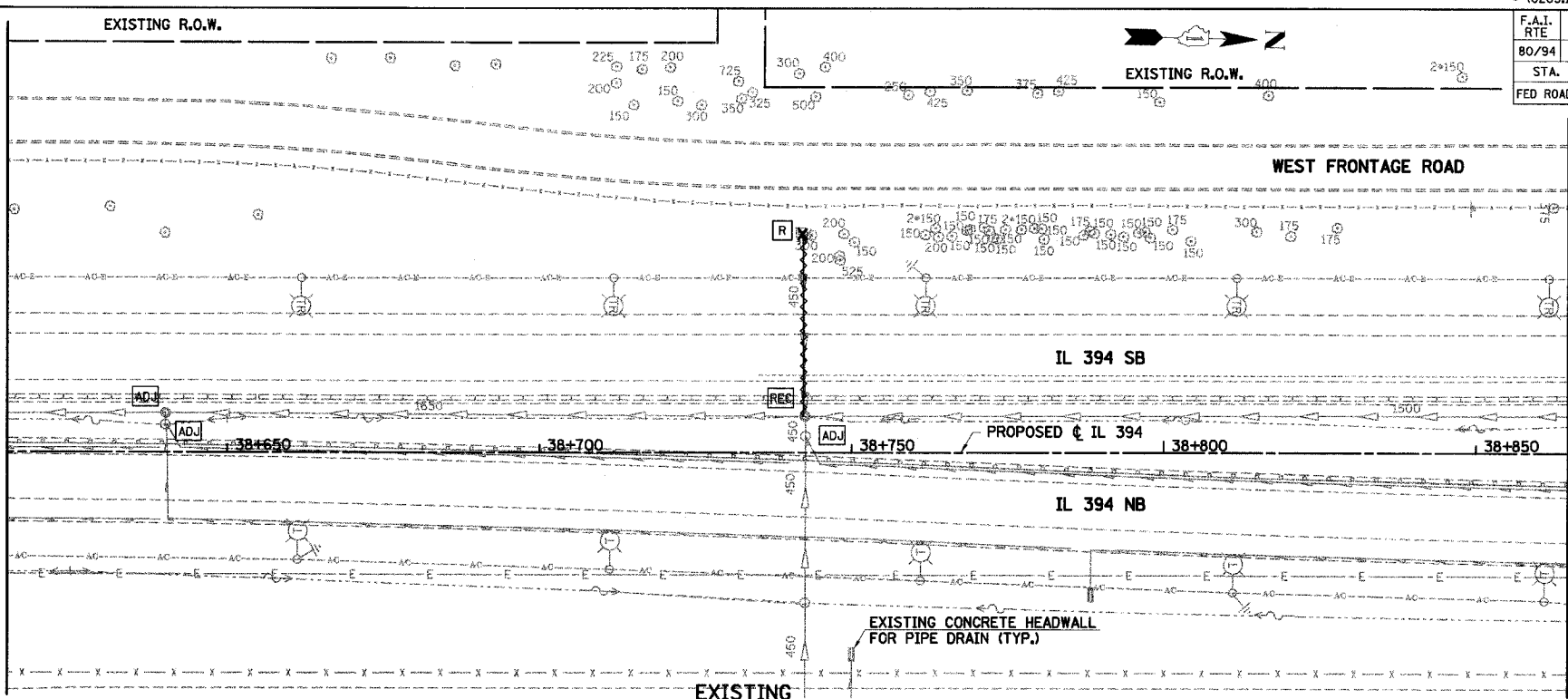
MANHOLES TO BE ADJUSTED
38+640.1, 6.4 LT

MANHOLES TO BE RECONSTRUCTED W/ TIFCL
38+742.3, 6.0 LT

STORM SEWER REMOVAL - 450mm
38+742.199 TO 38+742.291 - 29.2m (36.7 cu m)

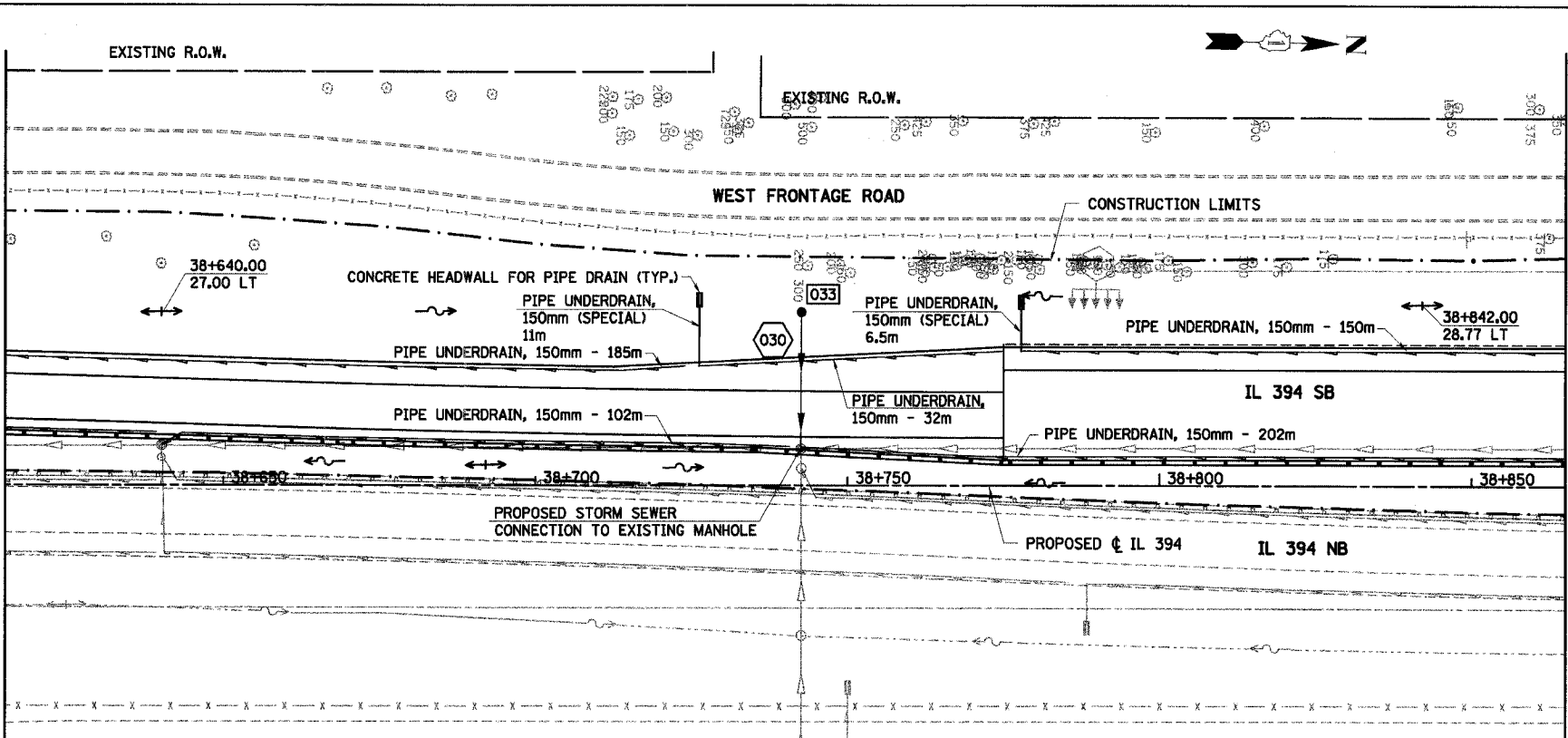
LEGEND - EXISTING

- EXISTING INLET
- EXISTING CATCH BASIN
- ⊙ EXISTING MANHOLE
- ⊠ EXISTING MEDIAN DRAINAGE STRUCTURE
- X [R] EXISTING DRAINAGE STRUCTURE REMOVAL
- AD. EXISTING DRAINAGE STRUCTURE ADJUSTMENT
- EXISTING DITCH
- REC EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
- A EXISTING FRAMES AND GRATES ADJUSTMENT
- C EXISTING DRAINAGE STRUCTURES TO BE CLEANED
- EXISTING STORM SEWER TO BE REMOVED
- EXISTING STORM SEWER
- EXISTING SLOTTED DRAIN
- EXISTING PIPE UNDERDRAIN



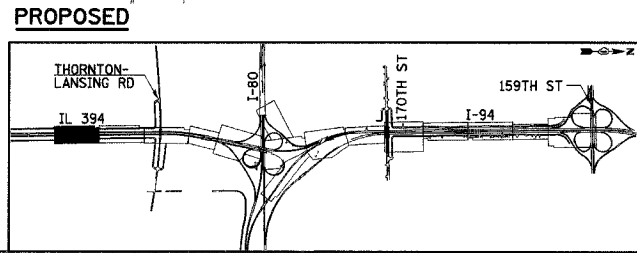
LEGEND - PROPOSED

- PROPOSED STORM SEWER
- PROPOSED SUMMIT
- PROPOSED DITCH
- PROPOSED SLOTTED DRAIN
- PROPOSED SWALE
- PROPOSED INLET
- PROPOSED CATCH BASIN
- ⊙ PROPOSED MANHOLE
- ⊠ MEDIAN DRAINAGE STRUCTURE
- ▲ PRECAST REINFORCED CONC. FLARED END SECTION



NOTES:

- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
- ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
- QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
IL 394
STA. 38+615 TO STA. 38+865

HORIZ SCALE: 1:500
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	221
STA. 38+900		TO STA. 39+250		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND - EXISTING

- EXISTING INLET
- ◊ EXISTING CATCH BASIN
- EXISTING MANHOLE
- ⊠ EXISTING MEDIAN DRAINAGE STRUCTURE
- X ⊠ EXISTING DRAINAGE STRUCTURE REMOVAL
- ⊠ EXISTING DRAINAGE STRUCTURE ADJUSTMENT
- ⊠ EXISTING DITCH
- REC EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
- A EXISTING FRAMES AND GRATES ADJUSTMENT
- C EXISTING DRAINAGE STRUCTURES TO BE CLEANED
- ⊠ EXISTING STORM SEWER TO BE REMOVED
- ⊠ EXISTING STORM SEWER
- ⊠ EXISTING SLOTTED DRAIN
- ⊠ EXISTING PIPE UNDERDRAIN

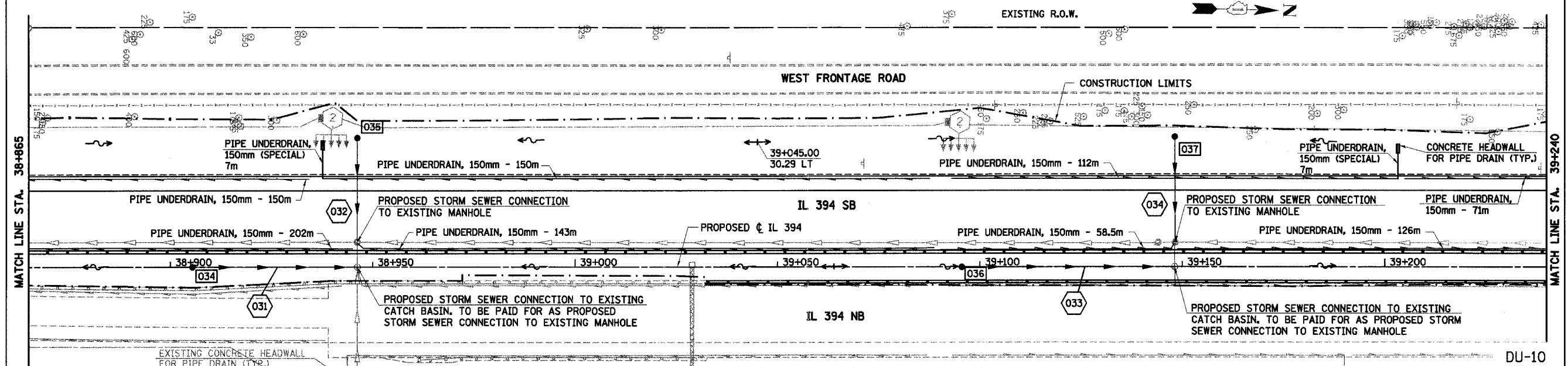
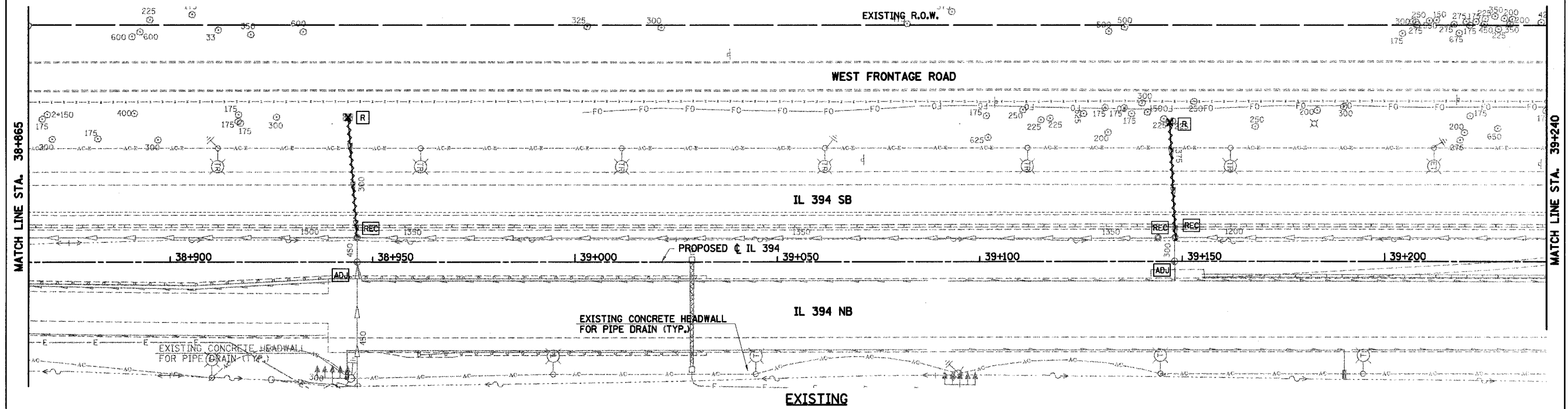
MANHOLES TO BE RECONSTRUCTED W/TIFCL
 38+946.1, 6.1 LT
 39+144.0, 6.0 LT
 39+148.2, 6.0 LT

REMOVING CATCH BASINS
 38+943.9, 36.0 LT
 39+146.9, 34.5 LT

STORM SEWER REMOVAL - 300mm
 STA. 38+943.94 TO 38+946.13 - 30.0m (24.1cu m)

STORM SEWER REMOVAL - 375mm
 STA. 39+146.87 TO 39+148.24 - 28.6m (29.4 cu m)

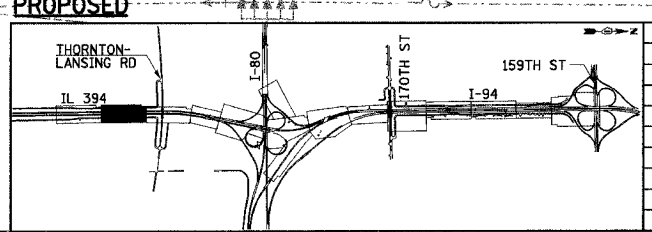
CATCH BASINS TO BE ADJUSTED
 39+148.1, @ IL 394
 38+946.2, @ IL 394



LEGEND - PROPOSED

- ⊠ PROPOSED STORM SEWER
- ⊠ PROPOSED SUMMIT
- ⊠ PROPOSED DITCH
- ⊠ PROPOSED SLOTTED DRAIN
- ⊠ PROPOSED SWALE
- ⊠ PROPOSED INLET
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- ⊠ MEDIAN DRAINAGE STRUCTURE
- ▲ PRECAST REINFORCED CONC. FLARED END SECTION

NOTES:
 1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED. QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.



REVISIONS	
NAME	DATE

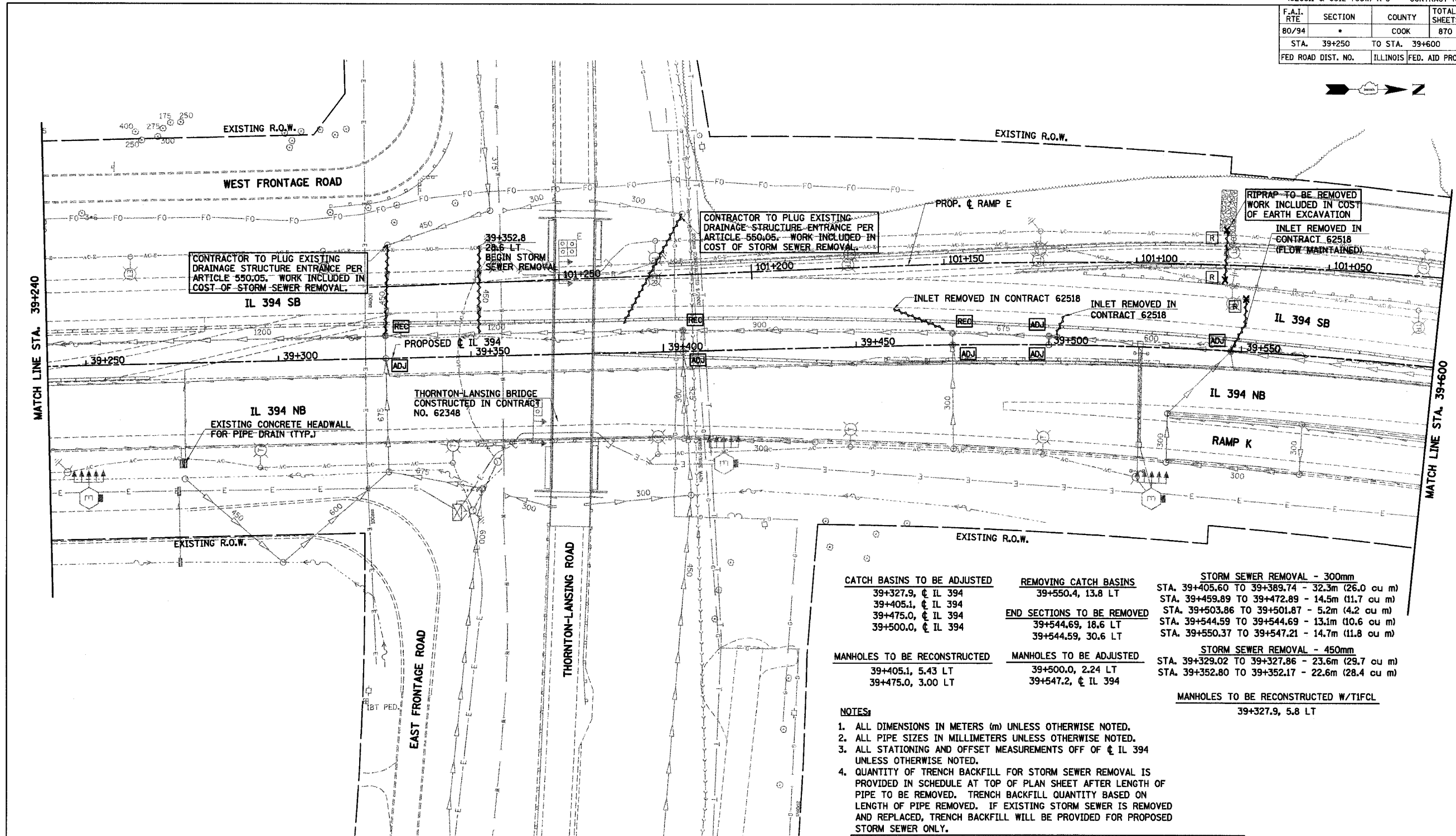
DU-10
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
 IL 394
 STA. 38+865 TO STA. 39+240

HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005

DRAWN BY: DKB
 CHECKED BY: MAM

HNTB



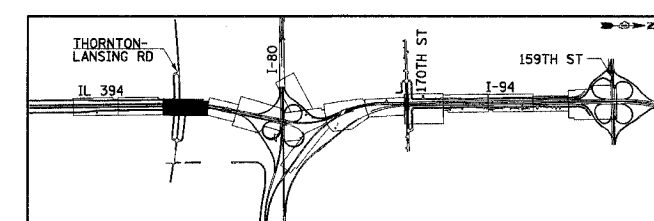
CATCH BASINS TO BE ADJUSTED	REMOVING CATCH BASINS	STORM SEWER REMOVAL - 300mm
39+327.9, 5.43 LT	39+550.4, 13.8 LT	STA. 39+405.60 TO 39+389.74 - 32.3m (26.0 cu m)
39+405.1, 5.43 LT		STA. 39+459.89 TO 39+472.89 - 14.5m (11.7 cu m)
39+475.0, 3.00 LT	END SECTIONS TO BE REMOVED	STA. 39+503.86 TO 39+501.87 - 5.2m (4.2 cu m)
39+500.0, 3.00 LT	39+544.69, 18.6 LT	STA. 39+544.59 TO 39+544.69 - 13.1m (10.6 cu m)
	39+544.59, 30.6 LT	STA. 39+550.37 TO 39+547.21 - 14.7m (11.8 cu m)
MANHOLES TO BE RECONSTRUCTED	MANHOLES TO BE ADJUSTED	STORM SEWER REMOVAL - 450mm
39+405.1, 5.43 LT	39+500.0, 2.24 LT	STA. 39+329.02 TO 39+327.86 - 23.6m (29.7 cu m)
39+475.0, 3.00 LT	39+547.2, 5.8 LT	STA. 39+352.80 TO 39+352.17 - 22.6m (28.4 cu m)
		MANHOLES TO BE RECONSTRUCTED W/TIFCL
		39+327.9, 5.8 LT

- NOTES:**
- ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL PIPE SIZES IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - ALL STATIONING AND OFFSET MEASUREMENTS OFF OF CL IL 394 UNLESS OTHERWISE NOTED.
 - QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 - CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300 mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN COST OF STORM SEWER REMOVAL.

LEGEND - EXISTING

○	EXISTING INLET	REC	EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
○	EXISTING CATCH BASIN	A	EXISTING FRAMES AND GRATES ADJUSTMENT
○	EXISTING MANHOLE	C	EXISTING DRAINAGE STRUCTURES TO BE CLEANED
□	EXISTING MEDIAN DRAINAGE STRUCTURE	→	EXISTING STORM SEWER TO BE REMOVED
X [R]	EXISTING DRAINAGE STRUCTURE REMOVAL	→	EXISTING SLOTTED DRAIN
ADJ	EXISTING DRAINAGE STRUCTURE ADJUSTMENT	→	EXISTING PIPE UNDERDRAIN
—	EXISTING DITCH		

EXISTING



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

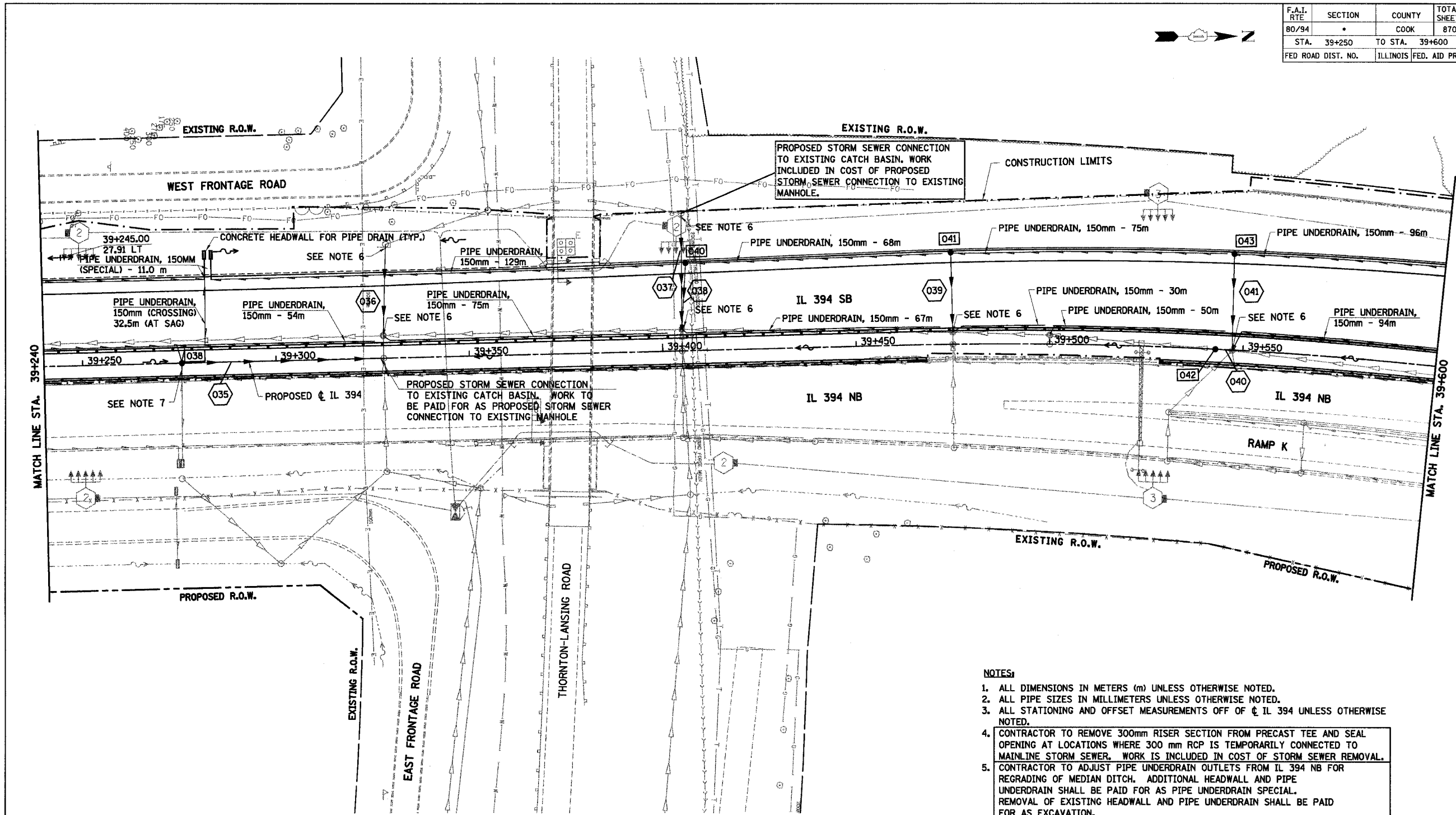
DRAINAGE AND UTILITIES
IL 394
STA. 39+240 TO STA. 39+600

HORIZ SCALE: 1:500
VERT SCALE: NONE
DATE: JULY 18, 2005

DRAWN BY: DKB
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	223
STA. 39+250		TO STA. 39+600		
FED ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



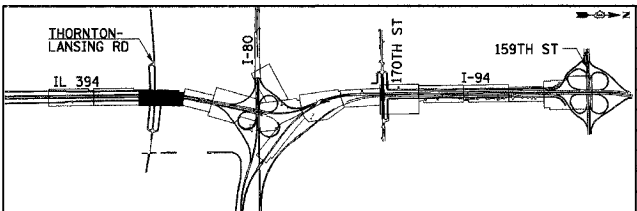
NOTES:

1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL PIPE SIZES IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF CL IL 394 UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300 mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN COST OF STORM SEWER REMOVAL.
5. CONTRACTOR TO ADJUST PIPE UNDERDRAIN OUTLETS FROM IL 394 NB FOR REGRADING OF MEDIAN DITCH. ADDITIONAL HEADWALL AND PIPE UNDERDRAIN SHALL BE PAID FOR AS PIPE UNDERDRAIN SPECIAL. REMOVAL OF EXISTING HEADWALL AND PIPE UNDERDRAIN SHALL BE PAID FOR AS EXCAVATION.
6. PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE.
7. CONTRACTOR TO CONNECT EXISTING PIPE UNDERDRAIN FROM IL 394 NB TO PROPOSED CATCH BASIN. REMOVAL OF EXISTING HEADWALL AND PIPE UNDERDRAIN NECESSARY FOR PROPOSED CONNECTION SHALL BE PAID FOR AS EXCAVATION.

LEGEND - PROPOSED

- | | | | |
|-----|------------------------|---|---|
| —+— | PROPOSED STORM SEWER | ■ | PROPOSED INLET |
| —+— | PROPOSED SUMMIT | ● | PROPOSED CATCH BASIN |
| —+— | PROPOSED DITCH | ○ | PROPOSED MANHOLE |
| —+— | PROPOSED SLOTTED DRAIN | ■ | MEDIAN DRAINAGE STRUCTURE |
| —+— | PROPOSED SWALE | ▲ | PRECAST REINFORCED CONC. FLARED END SECTION |

PROPOSED



REVISIONS	
NAME	DATE

DU-12

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
IL 394
STA. 39+240 TO STA. 39+600

HORIZ SCALE: 1:500
VERT SCALE: NONE
DATE: JULY 18, 2005

DRAWN BY: DKB
CHECKED BY: MAM

HNTB

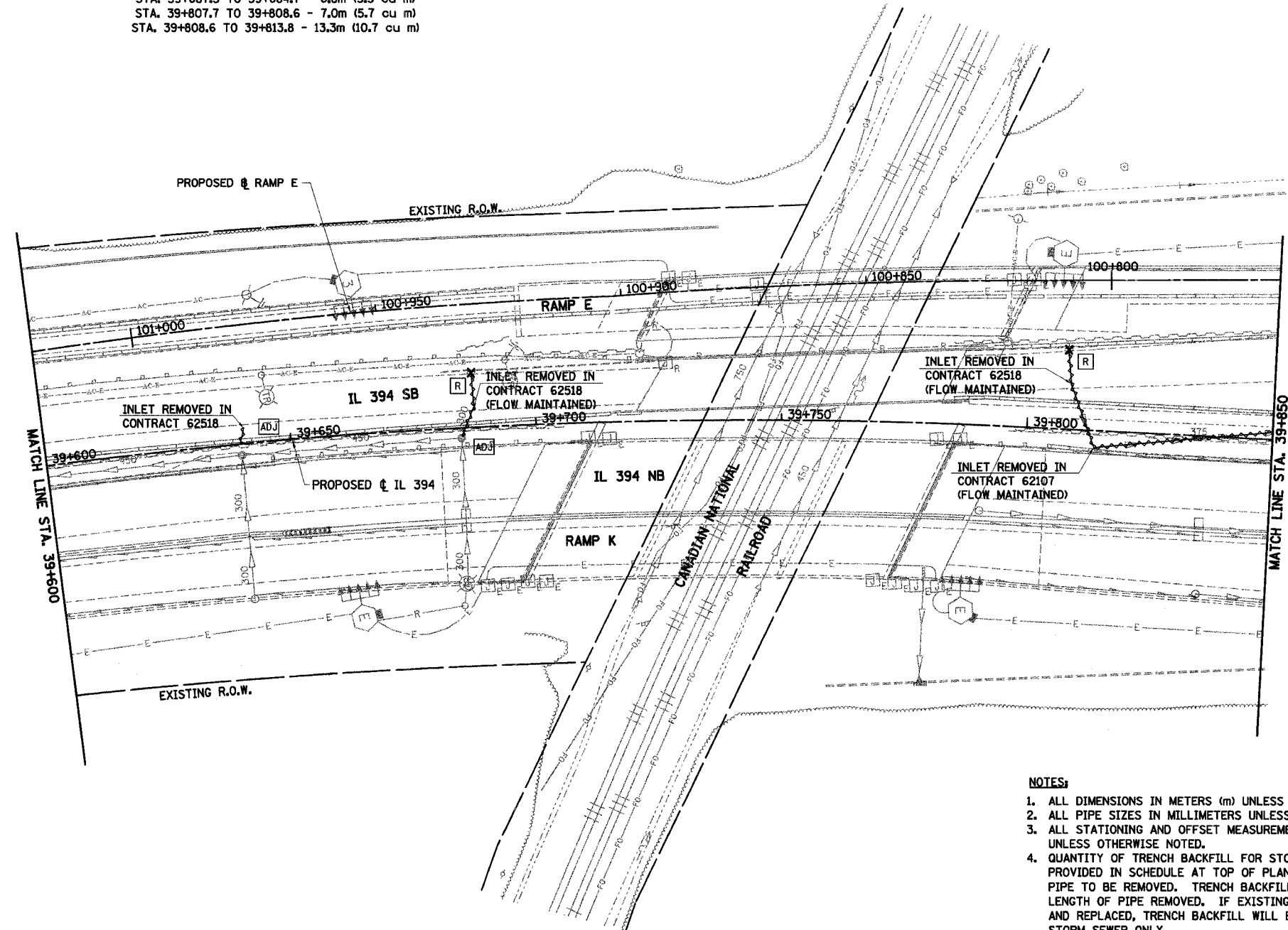
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	224
STA. 39+600 TO STA. 39+850		ILLINOIS FED. AID PROJECT		

MANHOLES TO BE ADJUSTED
 39+639.77, 2.28 RT
 39+684.74, 2.05 RT

REMOVING INLETS
 39+687.30, 10.9 LT
 39+807.70, 16.0 LT

STORM SEWER REMOVAL - 300mm
 STA. 39+640.6 TO 39+639.6 - 3.4m (2.8 cu m)
 STA. 39+687.3 TO 39+687.5 - 6.8m (5.5 cu m)
 STA. 39+687.5 TO 39+684.7 - 6.8m (5.5 cu m)
 STA. 39+807.7 TO 39+808.6 - 7.0m (5.7 cu m)
 STA. 39+808.6 TO 39+813.8 - 13.3m (10.7 cu m)

STORM SEWER REMOVAL - 375mm
 STA. 39+813.8 TO 39+850.0 - 36.6m (37.6 cu m)

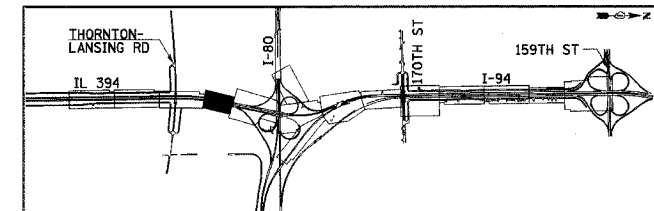


- NOTES:**
1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL PIPE SIZES IN MILLIMETERS UNLESS OTHERWISE NOTED.
 3. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF ϕ IL 394 UNLESS OTHERWISE NOTED.
 4. QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 5. EXISTING BURIED FIBER OPTIC CABLE TO BE ENCASED IN STEEL SLEEVE, BY OTHERS, AND REMAIN IN PLACE DURING REMOVAL OF EXISTING PIER. CONTRACTOR TO PERFORM HIS/HER WORK OPERATIONS IN A MANNER SO AS NOT TO DISTURB THIS FACILITY.

LEGEND - EXISTING

	EXISTING INLET		EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
	EXISTING CATCH BASIN		EXISTING FRAMES AND GRATES ADJUSTMENT
	EXISTING MANHOLE		EXISTING DRAINAGE STRUCTURES TO BE CLEANED
	EXISTING MEDIAN DRAINAGE STRUCTURE		EXISTING STORM SEWER TO BE REMOVED
	EXISTING DRAINAGE STRUCTURE REMOVAL		EXISTING STORM SEWER
	EXISTING DRAINAGE STRUCTURE ADJUSTMENT		EXISTING SLOTTED DRAIN
	EXISTING DITCH		EXISTING PIPE UNDERDRAIN

EXISTING



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

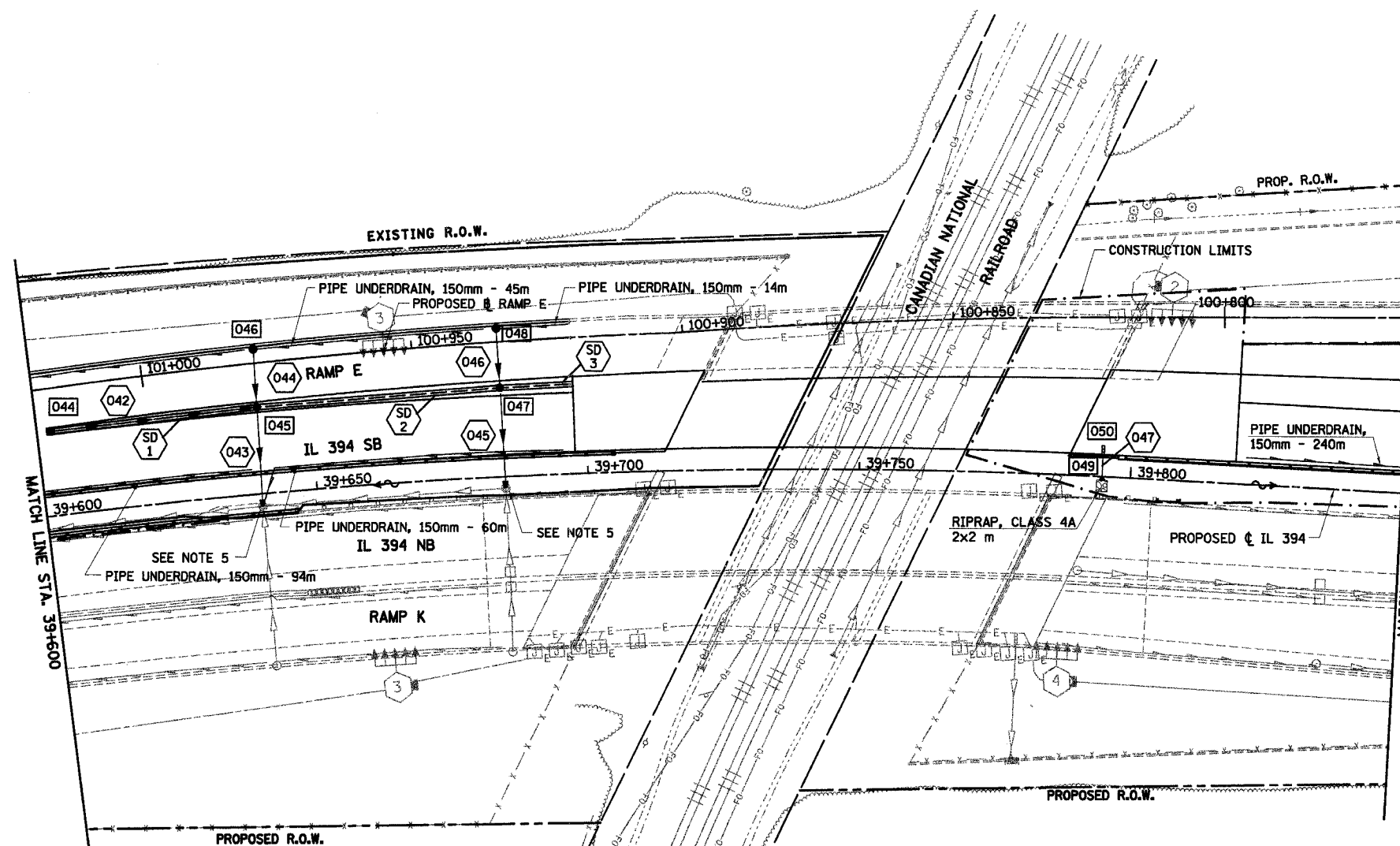
**DRAINAGE AND UTILITIES
 IL 394
 STA. 39+600 TO STA. 39+850**

HORIZ SCALE: 1:500
 VERT SCALE: NONE
 DATE: JULY 18, 2005

DRAWN BY: DKB
 CHECKED BY: MAM



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	225
STA. 39+600		TO STA. 39+850		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



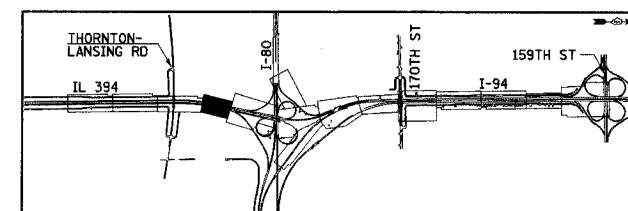
NOTES:

1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF C I-94 UNLESS OTHERWISE STATED.
3. ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO REMOVE 300mm RISER SECTION FROM PRECAST TEE AND SEAL OPENING AT LOCATIONS WHERE 300mm RCP IS TEMPORARILY CONNECTED TO MAINLINE STORM SEWER. WORK IS INCLUDED IN COST OF STORM SEWER REMOVAL.
5. CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE.

LEGEND - PROPOSED

—+—	PROPOSED STORM SEWER	—	PROPOSED INLET
—+—	PROPOSED SUMMIT	●	PROPOSED CATCH BASIN
—+—	PROPOSED DITCH	○	PROPOSED MANHOLE
—+—	PROPOSED SLOTTED DRAIN	■	MEDIAN DRAINAGE STRUCTURE
—+—	PROPOSED SWALE	▲	PRECAST REINFORCED CONC. FLARED END SECTION

PROPOSED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

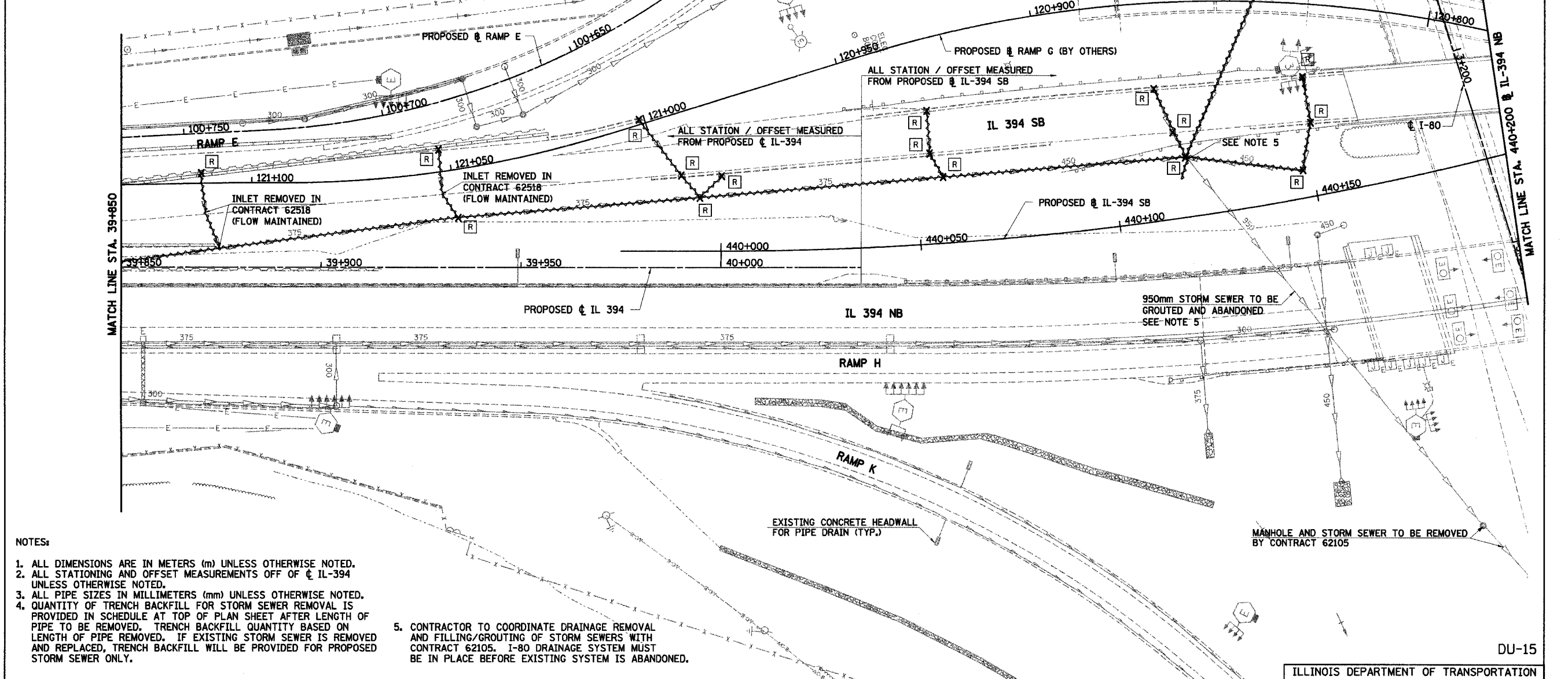
DRAINAGE AND UTILITIES
IL 394
STA. 39+600 TO STA. 39+850

HORIZ SCALE: 1:500
VERT SCALE: NONE
DATE: JULY 18, 2005
DRAWN BY: DKB
CHECKED BY: MAM



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	226
STA.	39+825	TO STA.	40+200	
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

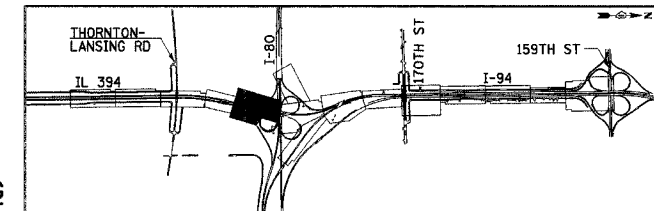
- REMOVING INLETS**
 39+869.8, 23.5 LT
 39+929.3, 29.5 LT
 39+934.3, 12.5 LT
 39+979.4, 36.8 LT
 39+990.0, 23.1 LT
 39+994.6, 17.6 LT
 40+000.0, 22.9 LT
 440+053.6, 33.2 LT (IL394SB)
 440+053.7, 22.5 LT (IL394SB)
 440+056.7, 16.6 LT (IL394SB)
 440+147.4, 6.9 LT (IL394SB)
 440+151.6, 18.2 LT (IL394SB)
 440+151.9, 29.8 LT (IL394SB)
- REMOVING CATCH BASINS**
 440+113.2, 32.6 LT (IL394SB)
 440+116.3, 21.4 LT (IL394SB)
- REMOVING MANHOLES**
 440+118.8, 15.0 LT (IL394SB)
- STORM SEWER REMOVAL - 300mm**
 STA. 39+869.77 TO 39+870.91 - 9.8m (7.9 cu m)
 STA. 39+870.91 TO 39+874.56 - 9.4m (7.6 cu m)
 STA. 39+929.33 TO 39+930.68 - 11.7m (9.4 cu m)
 STA. 39+930.68 TO 39+934.29 - 7.0m (5.7 cu m)
 STA. 39+979.38 TO 39+990.00 - 17.3m (13.9 cu m)
 STA. 39+990.00 TO 39+994.62 - 7.2m (5.8 cu m)
 STA. 40+000.15 TO 39+994.62 - 7.6m (6.1 cu m)
 STA. 440+053.56 TO 440+053.70 - 10.7m (8.6 cu m) (IL394SB)
 STA. 440+053.70 TO 440+056.72 - 6.6m (5.3 cu m) (IL394SB)
 STA. 440+113.15 TO 440+116.32 - 11.7m (9.4 cu m) (IL394SB)
 STA. 440+116.32 TO 440+118.75 - 6.8m (5.5 cu m) (IL394SB)
 STA. 440+154.77 TO 440+118.75 - 63.0m (50.6 cu m) (IL394SB)
 STA. 440+151.88 TO 440+151.57 - 11.5m (9.3 cu m) (IL394SB)
 STA. 440+151.57 TO 440+147.40 - 12.0m (9.7 cu m) (IL394SB)
- STORM SEWER REMOVAL - 450mm**
 STA. 440+056.715 TO 440+118.75 - 60.8m (76.4 cu m) (IL394SB)
 STA. 440+118+75 TO 440+147.40 - 29.4m (37.0 cu m) (IL394SB)
- STORM SEWER REMOVAL - 375mm**
 STA. 39+850.00 TO 39+874.56 - 25.0m (25.7 cu m)
 STA. 39+874.56 TO 39+934.29 - 60.2m (61.7 cu m)
 STA. 39+934.29 TO 39+994.62 - 60.5m (62.0 cu m)
 STA. 39+994.62 TO 440+056.72 - 61.1m (62.7 cu m) (IL394SB)
- STORM SEWER TO BE GROUTED AND ABANDONED - 950mm**
 STA. 440+118.751 TO 440+172.939 - 116.9m (82.9 cu m) (IL394SB)



- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL STATIONING AND OFFSET MEASUREMENTS OFF OF C IL-394 UNLESS OTHERWISE NOTED.
 - ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 - QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 - CONTRACTOR TO COORDINATE DRAINAGE REMOVAL AND FILLING/GROUTING OF STORM SEWERS WITH CONTRACT 62105. I-80 DRAINAGE SYSTEM MUST BE IN PLACE BEFORE EXISTING SYSTEM IS ABANDONED.

LEGEND - EXISTING

○	EXISTING INLET	REC	EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
○	EXISTING CATCH BASIN	A	EXISTING FRAMES AND GRATES ADJUSTMENT
○	EXISTING MANHOLE	C	EXISTING DRAINAGE STRUCTURES TO BE CLEANED
□	EXISTING MEDIAN DRAINAGE STRUCTURE	→	EXISTING STORM SEWER TO BE REMOVED
X [R]	EXISTING DRAINAGE STRUCTURE REMOVAL	→	EXISTING STORM SEWER
[ADJ]	EXISTING DRAINAGE STRUCTURE ADJUSTMENT	→	EXISTING SLOTTED DRAIN
→	EXISTING DITCH	→	EXISTING PIPE UNDERDRAIN



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE AND UTILITIES
 IL 394
 STA. 39+850 (C IL 394) TO
 STA. 440+200 (C IL 394 SB)

HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005

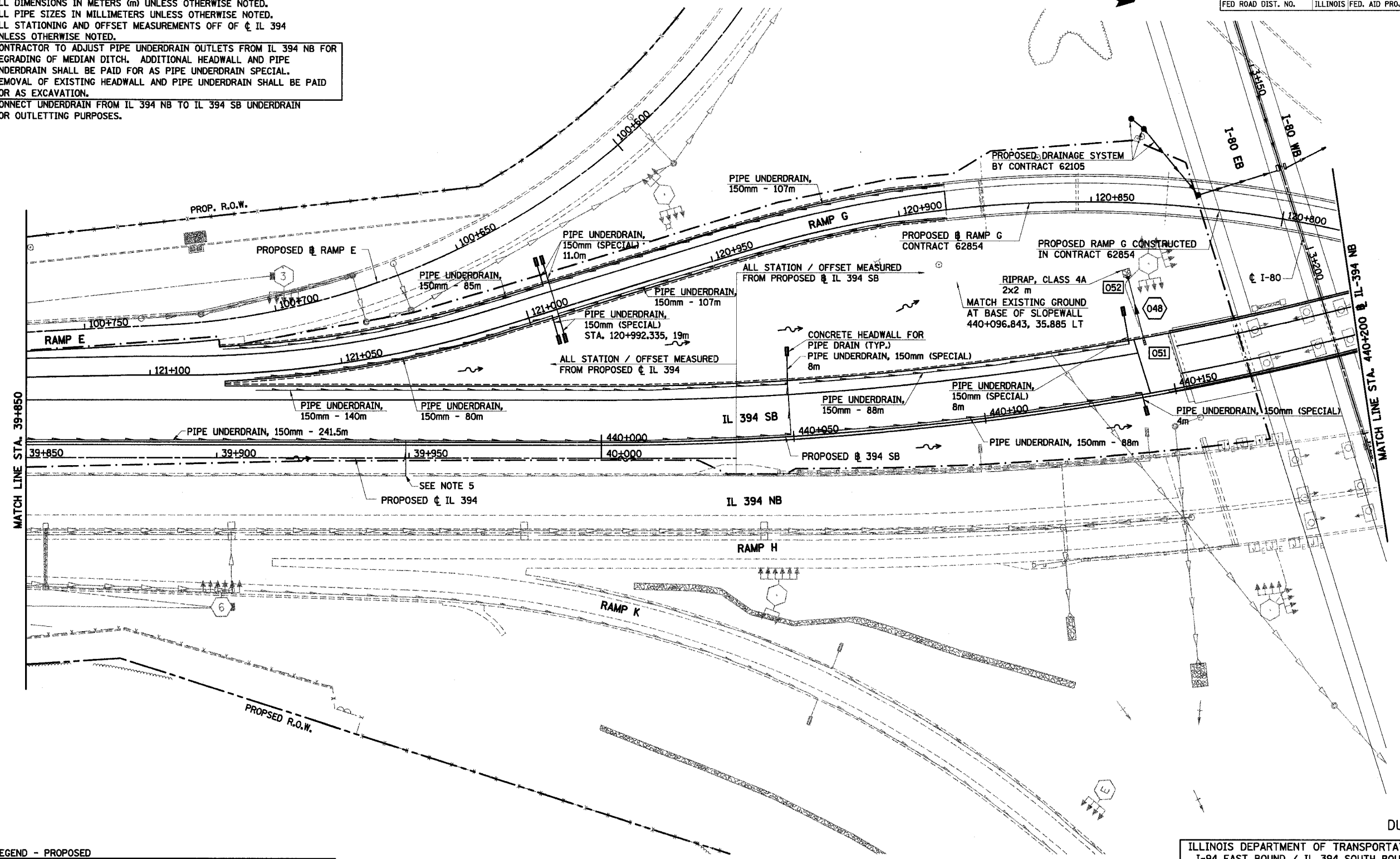
DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	227
STA.	39+825	TO STA.	440+200	
FED ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

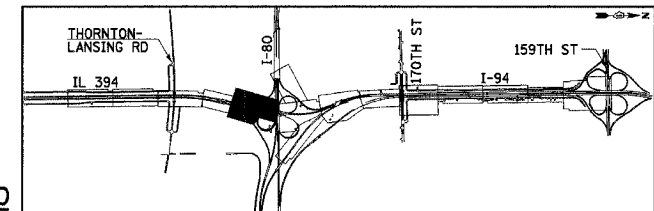
NOTES:

1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL PIPE SIZES IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF ϕ IL 394 UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO ADJUST PIPE UNDERDRAIN OUTLETS FROM IL 394 NB FOR REGRADING OF MEDIAN DITCH. ADDITIONAL HEADWALL AND PIPE UNDERDRAIN SHALL BE PAID FOR AS PIPE UNDERDRAIN SPECIAL. REMOVAL OF EXISTING HEADWALL AND PIPE UNDERDRAIN SHALL BE PAID FOR AS EXCAVATION.
5. CONNECT UNDERDRAIN FROM IL 394 NB TO IL 394 SB UNDERDRAIN FOR OUTLETING PURPOSES.



LEGEND - PROPOSED

- | | | | |
|--|------------------------|--|---|
| | PROPOSED STORM SEWER | | PROPOSED INLET |
| | PROPOSED SUMMIT | | PROPOSED CATCH BASIN |
| | PROPOSED DITCH | | PROPOSED MANHOLE |
| | PROPOSED SLOTTED DRAIN | | MEDIAN DRAINAGE STRUCTURE |
| | PROPOSED SWALE | | PRECAST REINFORCED CONC. FLARED END SECTION |



REVISIONS	
NAME	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE AND UTILITIES**

IL 394
STA. 39+850 (ϕ IL 394) TO
STA. 440+200 (ϕ IL 394 SB)

HORIZ SCALE: 1:500
VERT SCALE: 1:10
DATE: JULY 18, 2005
DRAWN BY: JPH
CHECKED BY: MAM



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	228
STA. 440+200 TO STA. 440+550				
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- REMOVING CATCH BASINS**
- 440+508.8, 46.7 RT
 - 440+503.1, 17.3 RT
- REMOVING MANHOLES**
- 440+275.0, 14.4 RT
 - 440+295.2, 11.5 LT
 - 440+343.7, 4.0 RT
 - 440+381.1, 8.9 RT
 - 440+447.7, 43.8 RT
 - 440+423.3, 14.7 LT
 - 440+345.6, 43.0 LT
 - 440+348.3, 101.2 LT
 - 440+293.3, 135.9 LT
 - 440+229.2, 114.3 LT
 - 440+513.8, 2.1 RT

- REMOVING INLETS**
- 440+232.3, 17.5 LT
 - 440+230.8, 6.0 LT
 - 440+295.8, 10.2 LT
 - 440+333.4, 4.4 RT
 - 440+377.2, 18.7 RT
 - 440+378.2, 11.0 RT
 - 440+422.2, 16.4 RT
 - 440+467.0, 20.8 RT

- STORM SEWER REMOVAL - 600mm**
- STA. 440+348.3 TO 440+387.1 - 36.0m (62.9 cu m)
 - STA. 440+387.1 TO 440+400.0 - 11.4m (19.9 cu m)
 - STA. 440+389.5 TO 440+423.3 - 41.0m (71.6 cu m)
 - STA. 440+423.3 TO 440+503.1 - 86.1m (150.3 cu m)
 - STA. 440+503.1 TO 440+513.8 - 19.0m (33.2 cu m)
 - STA. 440+513.8 TO 440+525.0 - 11.3m (19.8 cu m)
 - STA. 440+447.7 TO 440+509.2 - 64.5m (112.6 cu m)

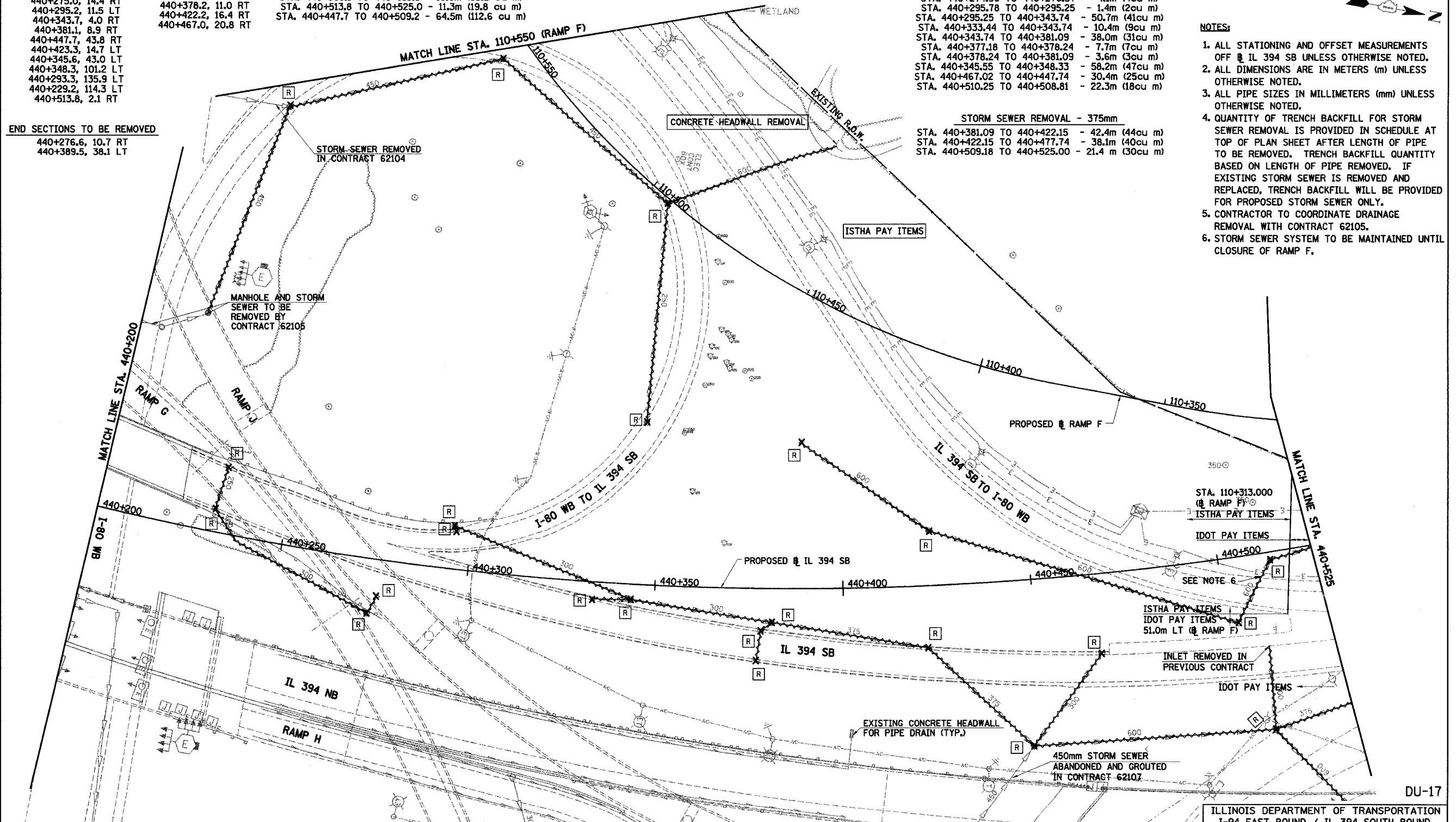
- STORM SEWER REMOVAL - 450mm**
- STA. 440+217.8 TO 440+229.2 - 59.0m (74.2 cu m)
 - STA. 440+229.2 TO 440+293.3 - 58.2m (73.2 cu m)
 - STA. 440+293.3 TO 440+348.3 - 58.3m (73.3 cu m)

- STORM SEWER REMOVAL - 300mm**
- STA. 440+232.27 TO 440+230.84 - 11.6m (10cu m)
 - STA. 440+230.84 TO 440+237.49 - 9.7m (8cu m)
 - STA. 440+237.49 TO 440+274.96 - 40.1m (33cu m)
 - STA. 440+274.96 TO 440+276.57 - 4.1m (4cu m)
 - STA. 440+295.78 TO 440+295.25 - 1.4m (2cu m)
 - STA. 440+295.25 TO 440+343.74 - 50.7m (41cu m)
 - STA. 440+333.44 TO 440+343.74 - 10.4m (9cu m)
 - STA. 440+343.74 TO 440+381.09 - 38.0m (31cu m)
 - STA. 440+377.18 TO 440+378.24 - 7.7m (7cu m)
 - STA. 440+345.55 TO 440+348.33 - 58.2m (47cu m)
 - STA. 440+467.02 TO 440+447.74 - 30.4m (25cu m)
 - STA. 440+510.25 TO 440+508.81 - 22.3m (18cu m)

- STORM SEWER REMOVAL - 375mm**
- STA. 440+381.09 TO 440+422.15 - 42.4m (44cu m)
 - STA. 440+422.15 TO 440+477.74 - 38.1m (40cu m)
 - STA. 440+509.18 TO 440+525.00 - 21.4 m (30cu m)

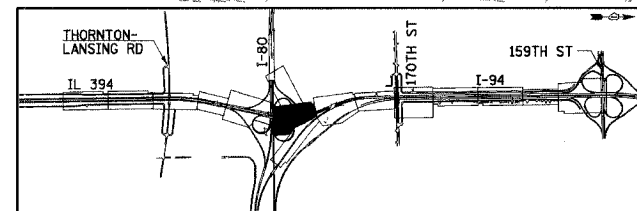
- END SECTIONS TO BE REMOVED**
- 440+276.6, 10.7 RT
 - 440+389.5, 38.1 LT

- NOTES:**
- ALL STATIONING AND OFFSET MEASUREMENTS OFF IL 394 SB UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL PIPE SIZES IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 - QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.
 - CONTRACTOR TO COORDINATE DRAINAGE REMOVAL WITH CONTRACT 62105.
 - STORM SEWER SYSTEM TO BE MAINTAINED UNTIL CLOSURE OF RAMP F.



LEGEND - EXISTING

- EXISTING INLET
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING MEDIAN DRAINAGE STRUCTURE
- ⊗ EXISTING DRAINAGE STRUCTURE REMOVAL
- AD EXISTING DRAINAGE STRUCTURE ADJUSTMENT
- ~ EXISTING DITCH
- REC EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
- A EXISTING FRAMES AND GRATES ADJUSTMENT
- C EXISTING DRAINAGE STRUCTURES TO BE CLEANED
- ~ EXISTING STORM SEWER TO BE REMOVED
- ~ EXISTING STORM SEWER
- ~ EXISTING SLOTTED DRAIN
- ~ EXISTING PIPE UNDERDRAIN



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
IL 394 SB
STA. 440+200 TO STA. 440+525

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

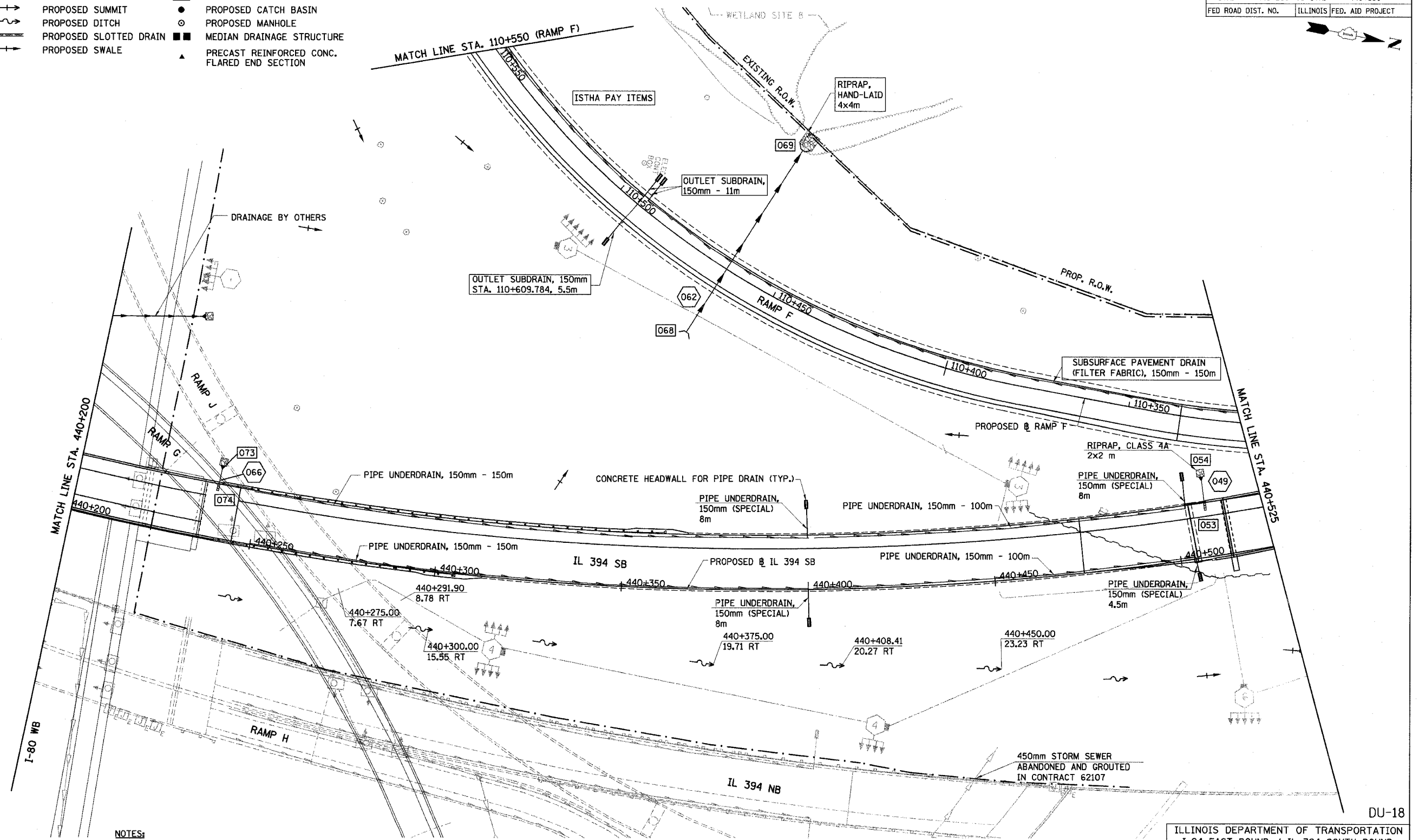
DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	229
STA. 440+200 TO STA. 440+550				
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND - PROPOSED

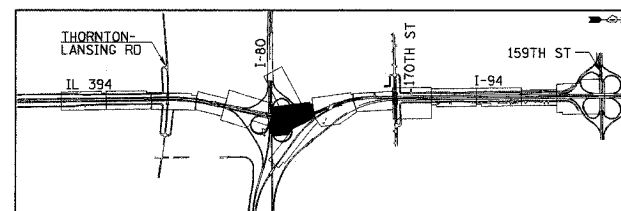
- | | | | |
|-----|------------------------|---|---|
| —+— | PROPOSED STORM SEWER | ■ | PROPOSED INLET |
| —+— | PROPOSED SUMMIT | ● | PROPOSED CATCH BASIN |
| —+— | PROPOSED DITCH | ○ | PROPOSED MANHOLE |
| —+— | PROPOSED SLOTTED DRAIN | ■ | MEDIAN DRAINAGE STRUCTURE |
| —+— | PROPOSED SWALE | ▲ | PRECAST REINFORCED CONC. FLARED END SECTION |



NOTES:

1. ALL DIMENSIONS IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL PIPE SIZES IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. ALL STATIONING AND OFFSET MEASUREMENTS OFF OF C IL 394 UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO ADJUST PIPE UNDERDRAIN OUTLETS FROM IL 394 NB FOR REGRADING OF MEDIAN DITCH. ADDITIONAL HEADWALL AND PIPE UNDERDRAIN SHALL BE PAID FOR AS PIPE UNDERDRAIN SPECIAL. REMOVAL OF EXISTING HEADWALL AND PIPE UNDERDRAIN SHALL BE PAID FOR AS EXCAVATION.

PROPOSED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
IL 394 SB
STA. 440+200 TO STA. 440+525

HORIZ SCALE: 1:500
VERT SCALE: 1:10
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
80/94	*	COOK	870	230
STA. 440+525 TO STA. 440+900				
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND - EXISTING

- | | | | |
|-------|--|-----|--|
| ○ | EXISTING INLET | REC | EXISTING DRAINAGE STRUCTURE RECONSTRUCTED |
| ○ | EXISTING CATCH BASIN | A | EXISTING FRAMES AND GRATES ADJUSTMENT |
| ○ | EXISTING MANHOLE | C | EXISTING DRAINAGE STRUCTURES TO BE CLEANED |
| □ | EXISTING MEDIAN DRAINAGE STRUCTURE | → | EXISTING STORM SEWER TO BE REMOVED |
| X [R] | EXISTING DRAINAGE STRUCTURE REMOVAL | → | EXISTING STORM SEWER |
| [AD] | EXISTING DRAINAGE STRUCTURE ADJUSTMENT | → | EXISTING SLOTTED DRAIN |
| ~ | EXISTING DITCH | → | EXISTING PIPE UNDERDRAIN |

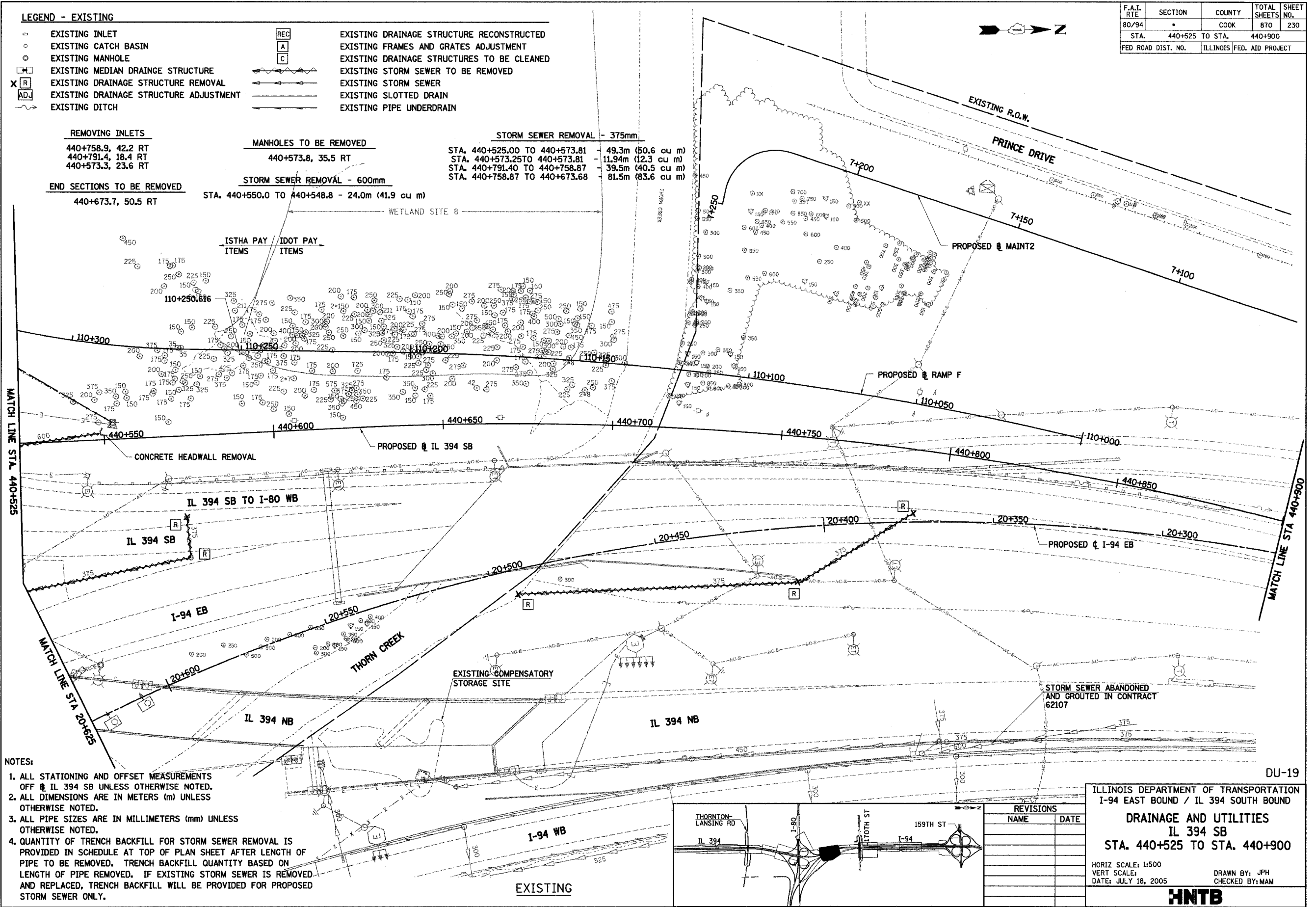
REMOVING INLETS
 440+758.9, 42.2 RT
 440+791.4, 18.4 RT
 440+573.3, 23.6 RT

END SECTIONS TO BE REMOVED
 440+673.7, 50.5 RT

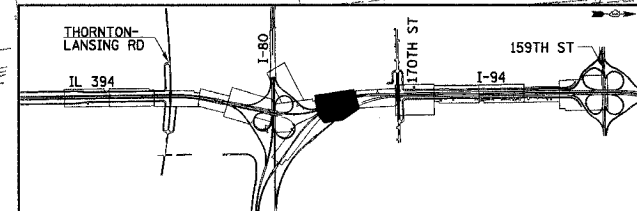
MANHOLES TO BE REMOVED
 440+573.8, 35.5 RT

STORM SEWER REMOVAL - 600mm
 STA. 440+550.0 TO 440+548.8 - 24.0m (41.9 cu m)

STORM SEWER REMOVAL - 375mm
 STA. 440+525.00 TO 440+573.81 - 49.3m (50.6 cu m)
 STA. 440+573.25 TO 440+573.81 - 11.94m (12.3 cu m)
 STA. 440+791.40 TO 440+758.87 - 39.5m (40.5 cu m)
 STA. 440+758.87 TO 440+673.68 - 81.5m (83.6 cu m)



- NOTES:**
1. ALL STATIONING AND OFFSET MEASUREMENTS OFF IL 394 SB UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 3. ALL PIPE SIZES ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 4. QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE AND UTILITIES
 IL 394 SB
 STA. 440+525 TO STA. 440+900

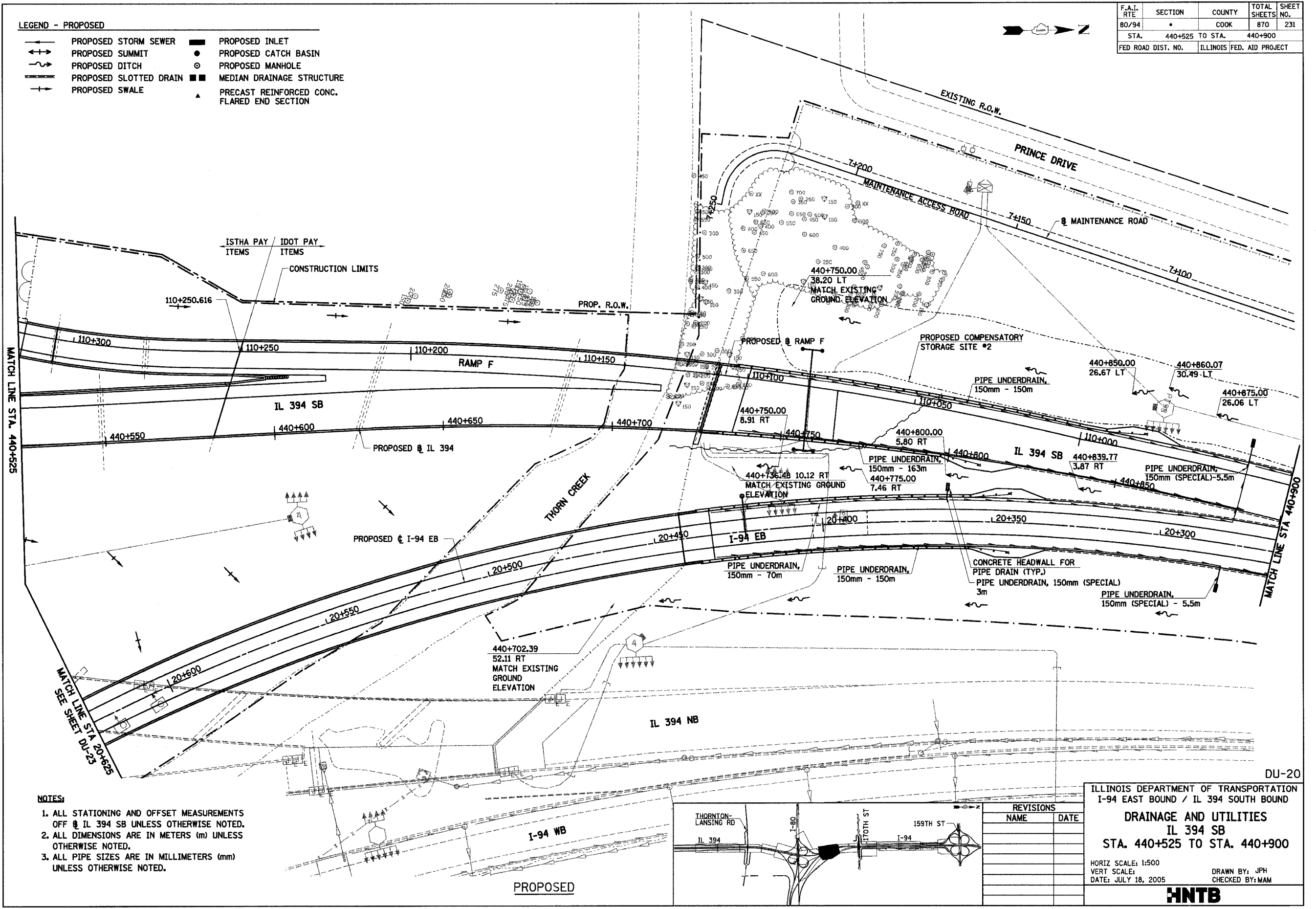
HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

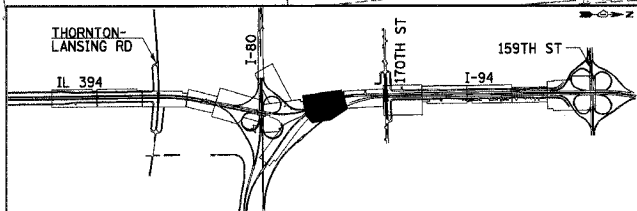
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	231
STA. 440+525 TO STA. 440+900		ILLINOIS FED. AID PROJECT		

- LEGEND - PROPOSED**
- +— PROPOSED STORM SEWER
 - +— PROPOSED SUMMIT
 - +— PROPOSED DITCH
 - +— PROPOSED SLOTTED DRAIN
 - +— PROPOSED SWALE
 - PROPOSED INLET
 - PROPOSED CATCH BASIN
 - PROPOSED MANHOLE
 - MEDIAN DRAINAGE STRUCTURE
 - ▲ PRECAST REINFORCED CONC. FLARED END SECTION



- NOTES:**
1. ALL STATIONING AND OFFSET MEASUREMENTS OFF @ IL 394 SB UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 3. ALL PIPE SIZES ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

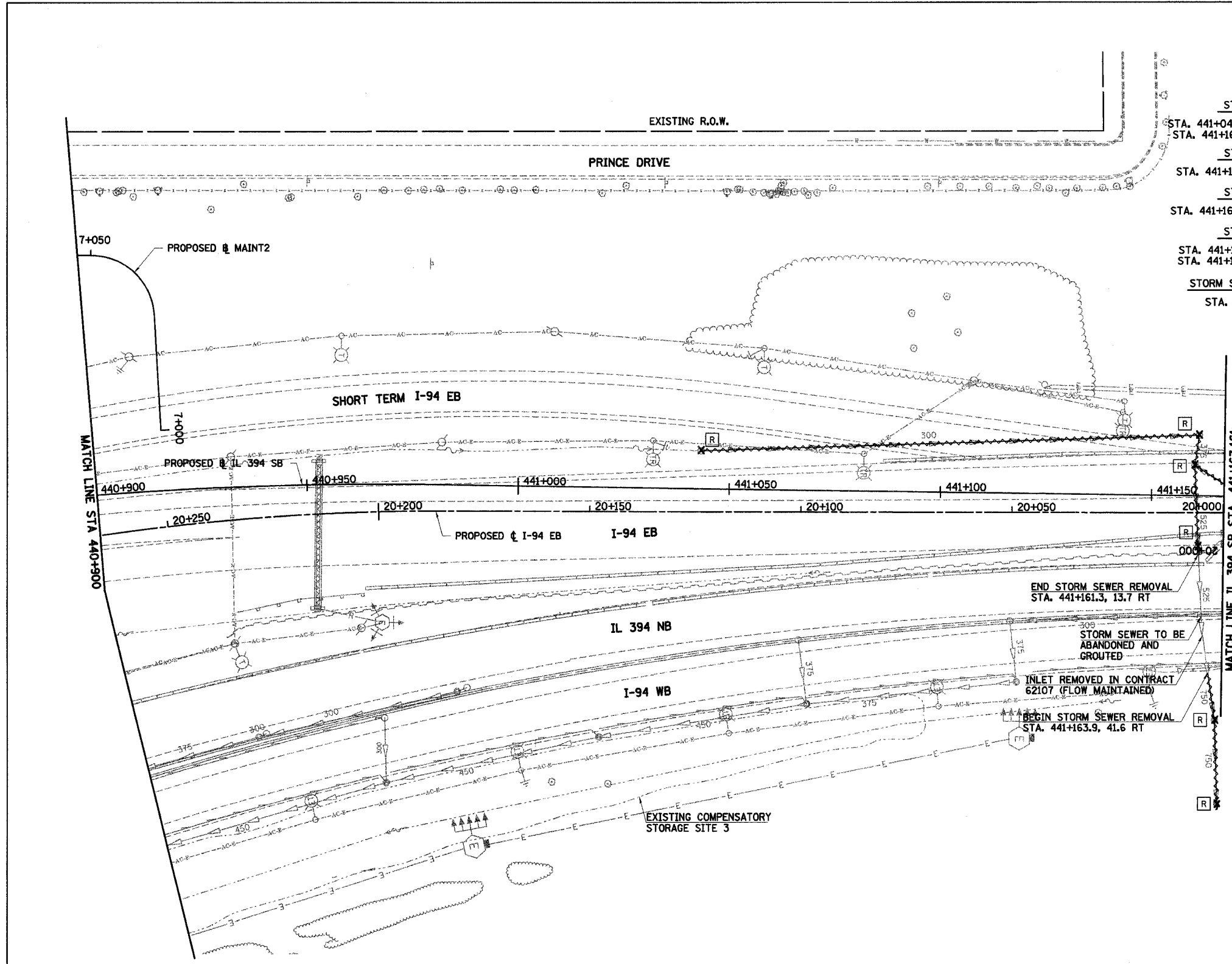
ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE AND UTILITIES
IL 394 SB
STA. 440+525 TO STA. 440+900

HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	232
STA. 440+900 TO STA. 441+167.161				
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



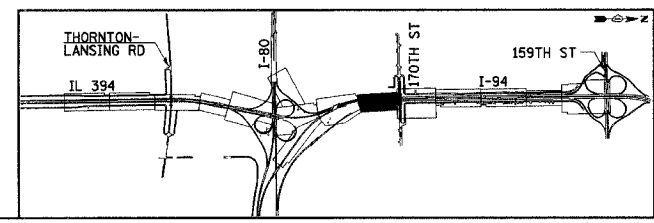
- STORM SEWER REMOVAL - 300mm**
 STA. 441+043.21 TO 441+161.13 - 118.0m (94.7 cu m)
 STA. 441+160.15 TO 441+167.161 - 8.2m (6.6 cu m)
 - STORM SEWER REMOVAL - 375mm**
 STA. 441+161.13 TO 441+160.15 - 7.2m (7.4 cu m)
 - STORM SEWER REMOVAL - 525mm**
 STA. 441+160.15 TO 441+161.30 - 21.0m (31.5 cu m)
 - STORM SEWER REMOVAL - 750mm**
 STA. 441+163.9 TO 441+165.7 - 11.2m (25.5 cu m)
 STA. 441+165.7 TO 441+166.5 - 19.7m (44.8 cu m)
 - STORM SEWER TO BE ABANDONED AND GROUTED**
 STA. 441+161.3 TO 441+163.9 - 6.2 cu m
- REMOVING CATCH BASINS**
 441+043.2, 9.1 LT
 441+161.1, 14.4 LT
 441+161.2, 12.0 RT
 - REMOVING INLETS**
 441+160.2, 7.2 LT
 - REMOVING MANHOLES**
 441+166.5, 72.3 RT
 441+165.7, 52.6 RT

- NOTES:**
1. ALL STATIONING AND OFFSET MEASUREMENTS OFF IL 394 SB UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 3. ALL PIPE SIZES ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
 4. QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.

LEGEND - EXISTING

○	EXISTING INLET	REC	EXISTING DRAINAGE STRUCTURE RECONSTRUCTED
○	EXISTING CATCH BASIN	A	EXISTING FRAMES AND GRATES ADJUSTMENT
○	EXISTING MANHOLE	C	EXISTING DRAINAGE STRUCTURES TO BE CLEANED
⊞	EXISTING MEDIAN DRAINAGE STRUCTURE	→	EXISTING STORM SEWER TO BE REMOVED
X ⊞	EXISTING DRAINAGE STRUCTURE REMOVAL	→	EXISTING STORM SEWER
AD	EXISTING DRAINAGE STRUCTURE ADJUSTMENT	→	EXISTING SLOTTED DRAIN
—	EXISTING DITCH	→	EXISTING PIPE UNDERDRAIN

EXISTING



REVISIONS	
NAME	DATE

DU-21

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

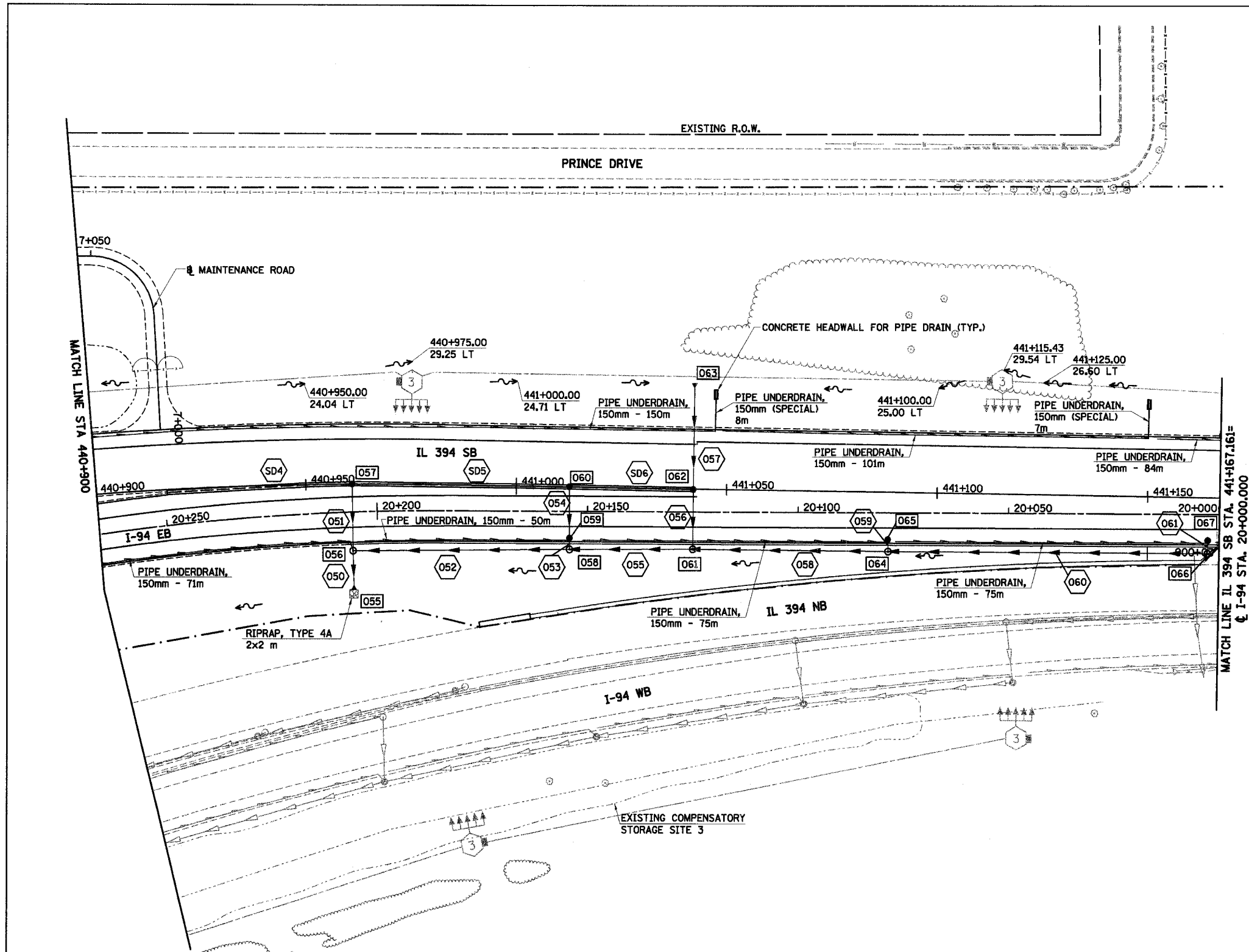
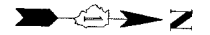
DRAINAGE AND UTILITIES
IL 394 SB
STA. 440+900 TO STA. 441+167.161

HORIZ SCALE: 1:500
 VERT SCALE: 1:500
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

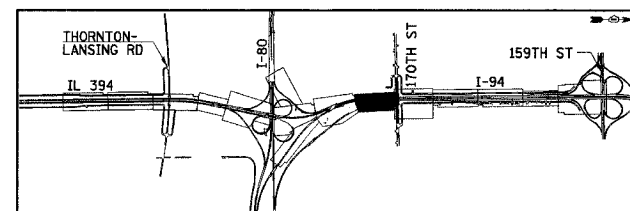
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	233
STA. 440+900 TO STA. 441+167.161		ILLINOIS FED. AID PROJECT		



NOTES:

1. ALL STATIONING AND OFFSET MEASUREMENTS OFF @ IL 394 SB UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
3. ALL PIPE SIZES ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

PROPOSED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

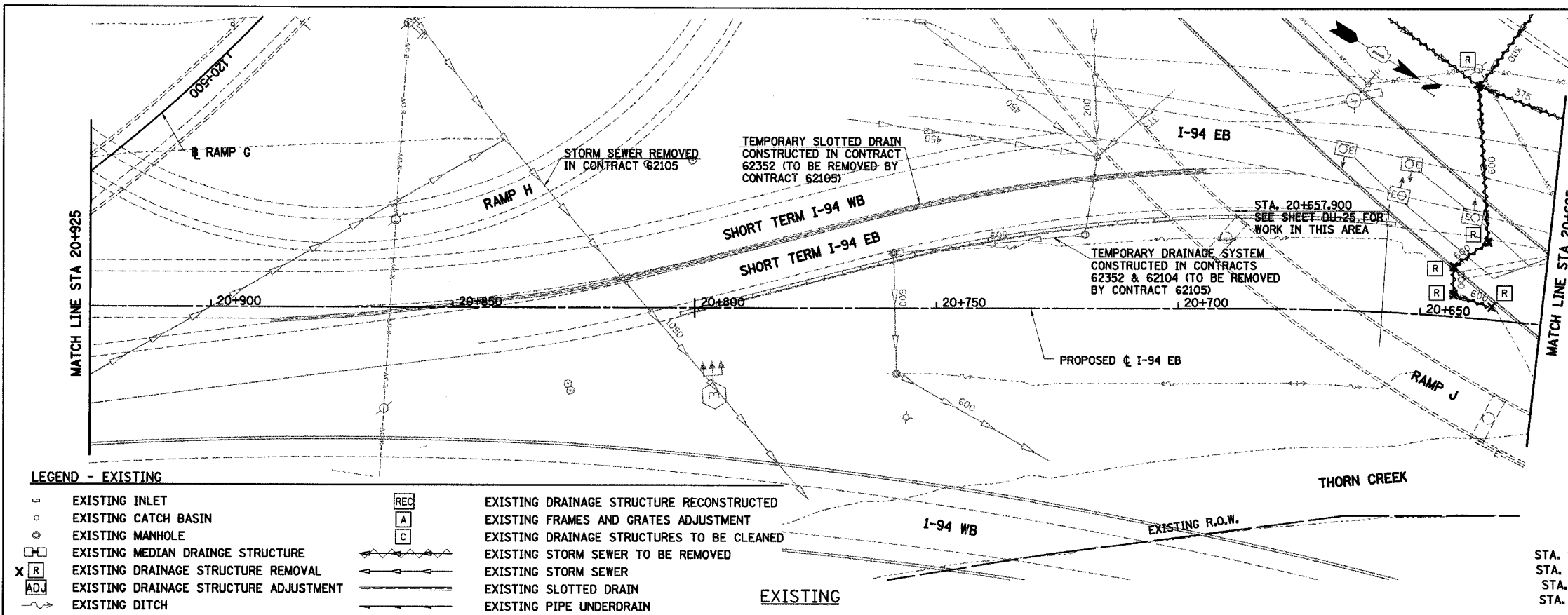
**DRAINAGE AND UTILITIES
 IL 394 SB
 STA. 440+900 TO STA. 441+167.161**

HORIZ SCALE: 1:500
 VERT SCALE: 1:500
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

HNTB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	234
STA.	20+625	TO STA.	20+925	
FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



LEGEND - EXISTING

- | | | | |
|-------|--|-----|--|
| ○ | EXISTING INLET | REC | EXISTING DRAINAGE STRUCTURE RECONSTRUCTED |
| ○ | EXISTING CATCH BASIN | A | EXISTING FRAMES AND GRATES ADJUSTMENT |
| ○ | EXISTING MANHOLE | C | EXISTING DRAINAGE STRUCTURES TO BE CLEANED |
| □ | EXISTING MEDIAN DRAINAGE STRUCTURE | → | EXISTING STORM SEWER TO BE REMOVED |
| X [R] | EXISTING DRAINAGE STRUCTURE REMOVAL | → | EXISTING STORM SEWER |
| [ADJ] | EXISTING DRAINAGE STRUCTURE ADJUSTMENT | → | EXISTING SLOTTED DRAIN |
| → | EXISTING DITCH | → | EXISTING PIPE UNDERDRAIN |

END SECTIONS TO BE REMOVED

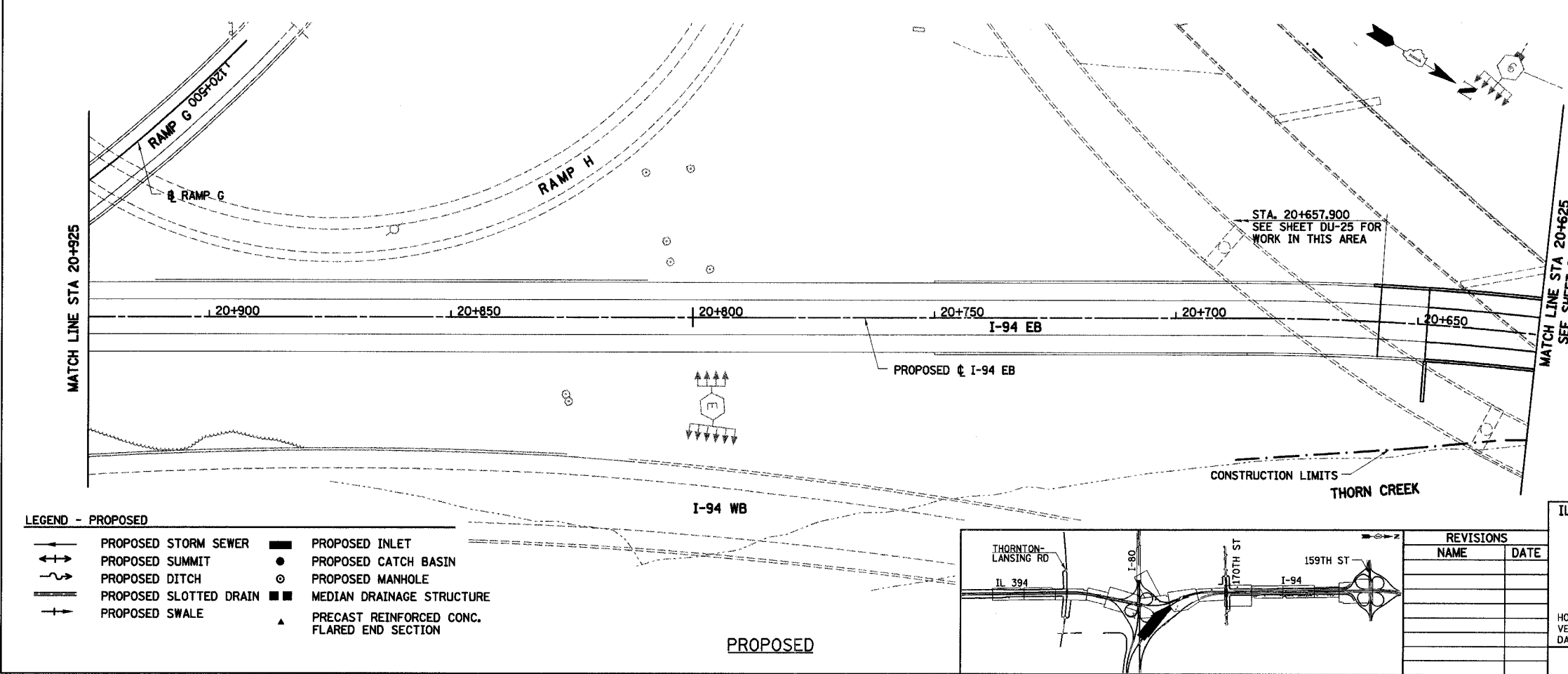
20+636.2, 2.7 RT

REMOVING MANHOLES

20+637.3, 15.9 RT
 20+643.9, 10.2 RT
 20+643.5, 4.6 RT

STORM SEWER REMOVAL - 600mm

STA. 20+640.9 TO 20+637.3 - 25.6m (44.7 cu m)
 STA. 20+637.32 TO 20+643.9 - 8.8m (15.4 cu m)
 STA. 20+643.9 TO 20+643.5 - 5.6m (9.8 cu m)
 STA. 20+643.5 TO 20+636.2 - 7.7m (13.5 cu m)

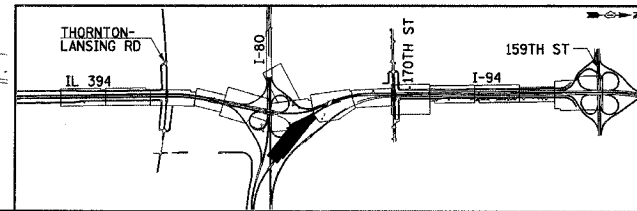


LEGEND - PROPOSED

- | | | | |
|---|------------------------|---|---|
| → | PROPOSED STORM SEWER | ■ | PROPOSED INLET |
| → | PROPOSED SUMMIT | ● | PROPOSED CATCH BASIN |
| → | PROPOSED DITCH | ○ | PROPOSED MANHOLE |
| → | PROPOSED SLOTTED DRAIN | ■ | MEDIAN DRAINAGE STRUCTURE |
| → | PROPOSED SWALE | ▲ | PRECAST REINFORCED CONC. FLARED END SECTION |

NOTES:

1. ALL STATIONING AND OFFSET MEASUREMENTS OFF ϕ I-94 EB UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
3. ALL PIPE SIZES ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
4. TRENCH BACKFILL FOR STORM SEWER REMOVAL GIVEN AFTER LENGTH OF PIPE REMOVAL. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

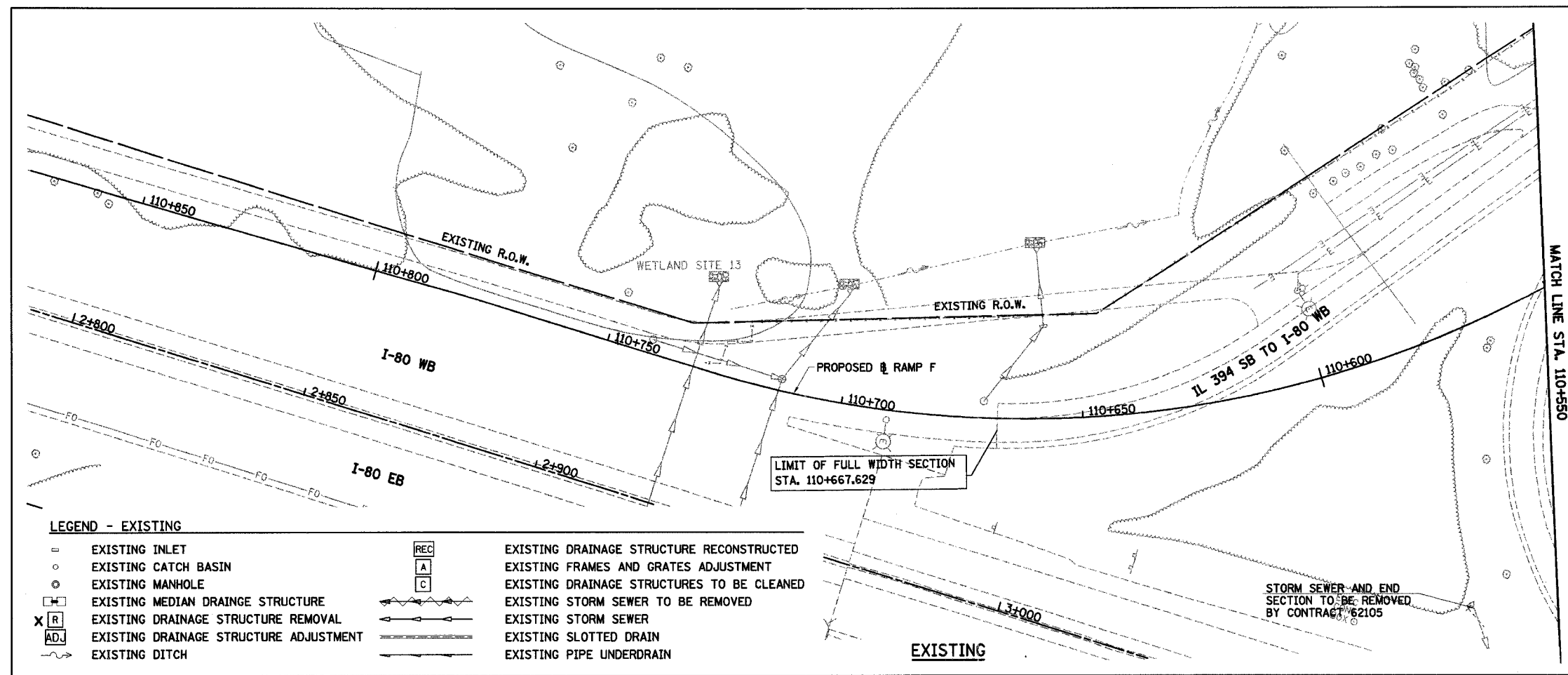
**DRAINAGE AND UTILITIES
 I-94 EB
 STA. 20+625 TO STA. 20+925**

HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005

DRAWN BY: JPH
 CHECKED BY: MAM

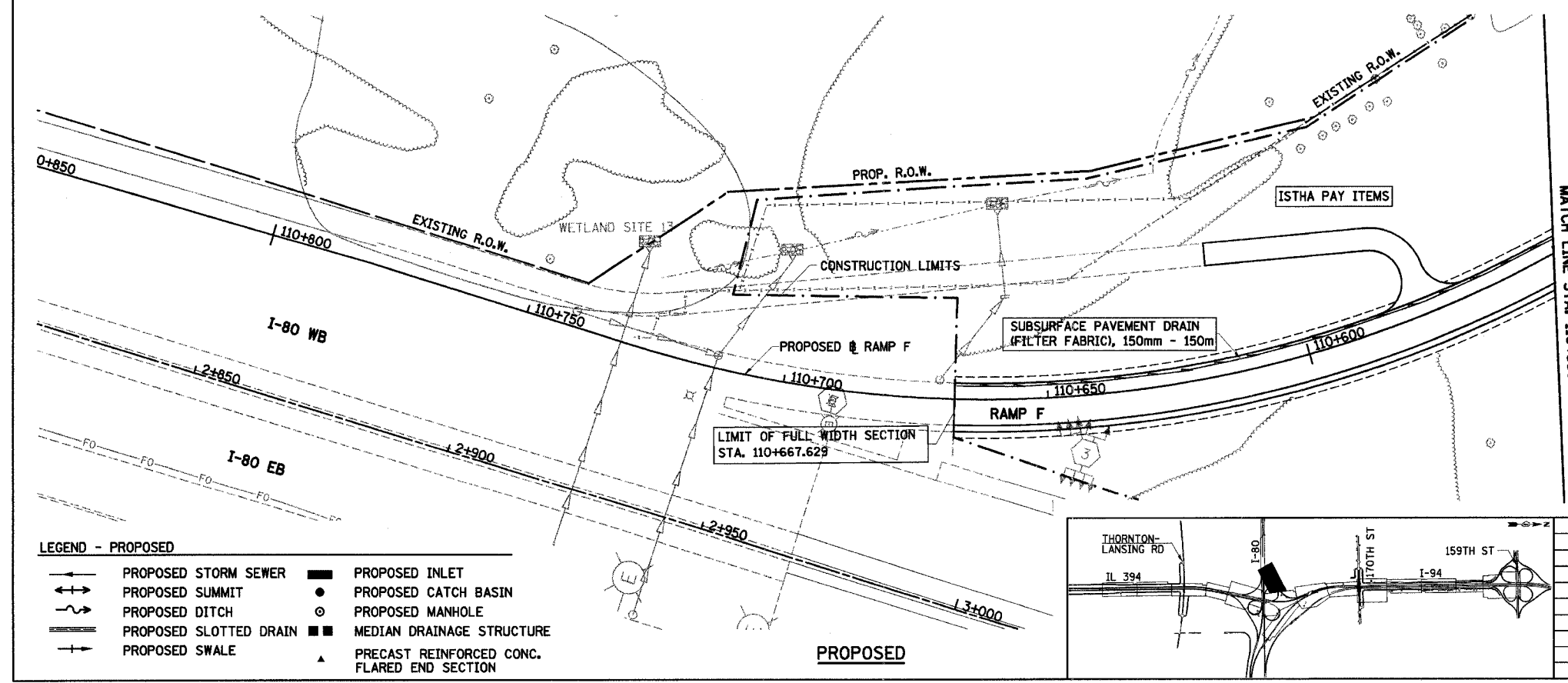
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	235
STA. 110+550 TO STA. 110+750				
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND - EXISTING

- | | | | |
|-------|--|-----|--|
| ○ | EXISTING INLET | REC | EXISTING DRAINAGE STRUCTURE RECONSTRUCTED |
| ○ | EXISTING CATCH BASIN | A | EXISTING FRAMES AND GRATES ADJUSTMENT |
| ○ | EXISTING MANHOLE | C | EXISTING DRAINAGE STRUCTURES TO BE CLEANED |
| ⊠ | EXISTING MEDIAN DRAINAGE STRUCTURE | --- | EXISTING STORM SEWER TO BE REMOVED |
| X [R] | EXISTING DRAINAGE STRUCTURE REMOVAL | --- | EXISTING STORM SEWER |
| [ADJ] | EXISTING DRAINAGE STRUCTURE ADJUSTMENT | --- | EXISTING SLOTTED DRAIN |
| --- | EXISTING DITCH | --- | EXISTING PIPE UNDERDRAIN |

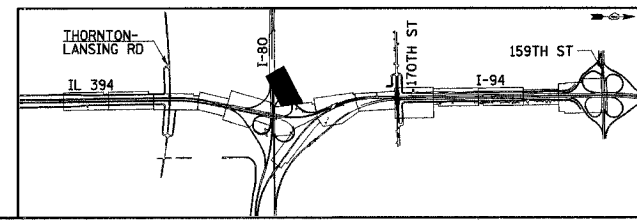


LEGEND - PROPOSED

- | | | | |
|-----|------------------------|---|---|
| --- | PROPOSED STORM SEWER | ■ | PROPOSED INLET |
| ⊠ | PROPOSED SUMMIT | ● | PROPOSED CATCH BASIN |
| --- | PROPOSED DITCH | ○ | PROPOSED MANHOLE |
| --- | PROPOSED SLOTTED DRAIN | ■ | MEDIAN DRAINAGE STRUCTURE |
| --- | PROPOSED SWALE | ▲ | PRECAST REINFORCED CONC. FLARED END SECTION |

NOTES:

1. ALL STATIONING AND OFFSET MEASUREMENTS OFF RAMP F UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
3. ALL PIPE DIAMETERS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.
4. QUANTITY OF TRENCH BACKFILL FOR STORM SEWER REMOVAL IS PROVIDED IN SCHEDULE AT TOP OF PLAN SHEET AFTER LENGTH OF PIPE TO BE REMOVED. TRENCH BACKFILL QUANTITY BASED ON LENGTH OF PIPE REMOVED. IF EXISTING STORM SEWER IS REMOVED AND REPLACED, TRENCH BACKFILL WILL BE PROVIDED FOR PROPOSED STORM SEWER ONLY.



REVISIONS	
NAME	DATE

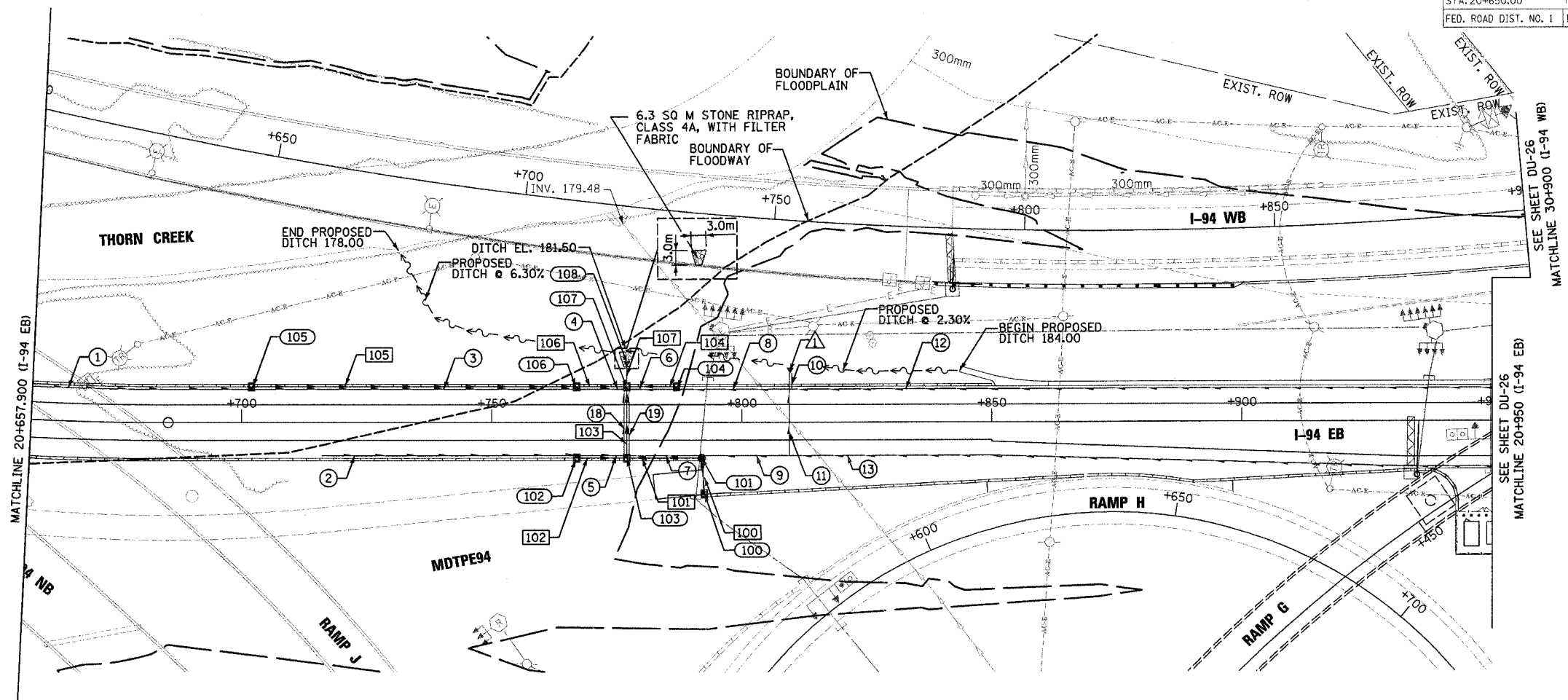
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

**DRAINAGE AND UTILITIES
RAMP F
STA. 110+550 TO STA. 110+750**

HORIZ SCALE: 1:500
VERT SCALE:
DATE: JULY 18, 2005
DRAWN BY: JPH
CHECKED BY: MAM



* (0203.1 & 0312-708W) R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80/394	*	COOK	870
STA. 20+650.00		TO STA. 20+950.00	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



- ① 43.4m - PIPE UNDERDRAINS 150mm
- ② 50.5m - PIPE UNDERDRAINS 150mm
- ③ 63.9m - PIPE UNDERDRAINS 150mm
- ④ 9.1m - PIPE UNDERDRAINS 150mm
- ⑤ 9.1m - PIPE UNDERDRAINS 150mm
- ⑥ 9.1m - PIPE UNDERDRAINS 150mm
- ⑦ 13.9m - PIPE UNDERDRAINS 150mm
- ⑧ 22.1m - PIPE UNDERDRAINS 150mm
- ⑨ 16.9m - PIPE UNDERDRAINS 150mm
- ⑩ 3.2m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑪ 16.6m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑫ 151.0m - PIPE UNDERDRAINS 150mm
- ⑬ 191.5m - PIPE UNDERDRAINS 150mm
- ⑭ 13.2m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑮ 13.2m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ▲ CONCRETE HEADWALL FOR PIPE DRAINS
STATION 20+809.5, 9.85 LT

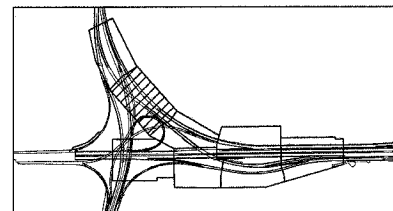
STR. NUM.		STATION	OFFSET (m)	M6021410 MH A 1.2M D TIF & CL EACH	MX602310 CB 1.2X0.9 T20F&G EACH	X0504200 CONCRETE HEADWALL EACH	SLIP-ON CK VALVE 375 EACH	RIM ELEV.	SE	NW	SW	NE
100		20+792.50	14.29 RT		1			183.940				182.683
101		20+792.00	7.20 RT	1				184.011		182.654	182.654	
102		20+767.00	7.20 RT		1			184.003	182.629			
103		20+777.00	7.20 RT		1			183.995	182.583	182.583		182.583
104		20+787.00	7.20 LT		1			184.002		182.563		
105		20+702.00	7.20 LT		1			184.278	182.950			
106		20+767.00	7.20 LT		1			184.003	182.563	182.563		
107		20+777.00	7.20 LT		1			183.995	182.517	182.517	182.517	182.517
*108		20+777.00	11.20 LT			1	1					182.500
TOTAL				1	7	1	1					

* FOR HEADWALL DETAILS SEE "DRAINAGE DETAILS I CONCRETE HEADWALL"

XXX				
PIPE NUM.	M5503050 SS 2 RCP CL 3 300	M5503060 SS 2 RCP CL 3 375	M2080150 PIPE SLOPE (%)	TRENCH BACKFILL (CU M.)
100	5.8		0.50%	2
101	14.1		0.50%	5
102	9.1		0.50%	3
103	13.2		0.50%	5
104	9.1		0.50%	4
105	63.9		0.61%	21
106	9.1		0.50%	4
107		3.4	0.50%	
TOTAL	124.3	3.4		44

DRAINAGE LEGEND

- XXX PROPOSED DRAINAGE STRUCTURE
- XXX PROPOSED STORM SEWER
- X PROPOSED PIPE UNDERDRAINS
- ▲ PROPOSED CONCRETE HEADWALL FOR PIPE DRAINS
- ▣ PROPOSED RIPRAP, CLASS 4A
- PROPOSED DR STR T1 SP 2T20F&G
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- ◄ PROPOSED END SECTION



REVISIONS	
NAME	DATE

DU-25

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

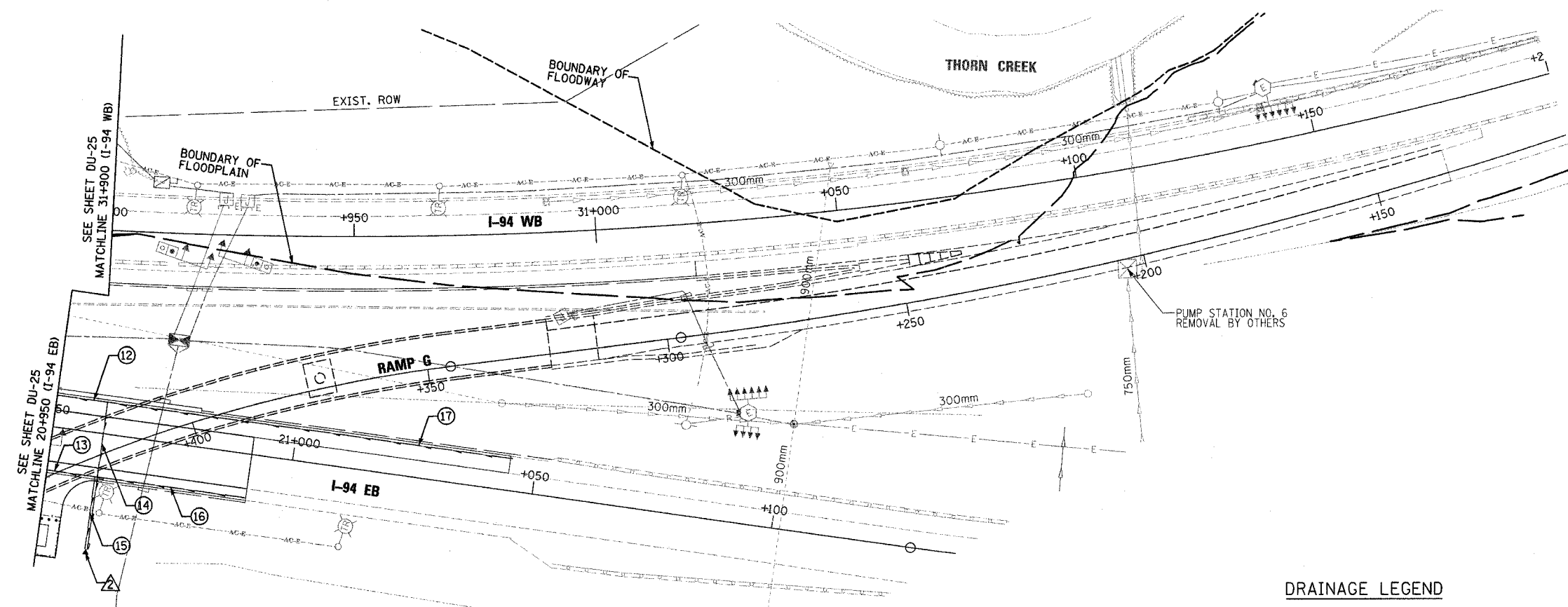
PROPOSED DRAINAGE PLAN
IL-94 EB

DATE: JULY 18, 2005

DRAWN BY: AAS
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects

* (0203.1 & 0312-708W) R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80/394	*	COOK	870
STA. 20+950.00		TO STA. 20+991.47	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



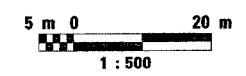
SEE SHEET DU-25
MATCHLINE 31+900 (I-94 WB)

SEE SHEET DU-25
MATCHLINE 20+950 (I-94 EB)

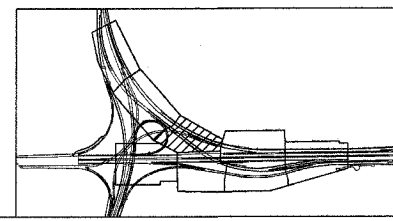
- ⑫ 151.0m - PIPE UNDERDRAINS 150mm
- ⑬ 191.5m - PIPE UNDERDRAINS 150mm
- ⑭ 30.9m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑮ 15.1m - PIPE UNDERDRAINS (SPECIAL) 150mm
- ⑯ 31.0m - PIPE UNDERDRAINS 150mm
- ⑰ 84.5m - PIPE UNDERDRAINS 150mm
- △ CONCRETE HEADWALL FOR PIPE DRAINS
STATION 20+960.5, 24.15 RT

DRAINAGE LEGEND

- (XXX) PROPOSED DRAINAGE STRUCTURE
- (XXX) PROPOSED STORM SEWER
- (X) PROPOSED PIPE UNDERDRAINS
- △ PROPOSED CONCRETE HEADWALL FOR PIPE DRAINS
- ▨ PROPOSED RIPRAP, CLASS 4A
- ☐ PROPOSED DR STR T1 SP 2T20F&G
- PROPOSED CATCH BASIN
- PROPOSED MANHOLES
- ◄ PROPOSED END SECTION



DU-26



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

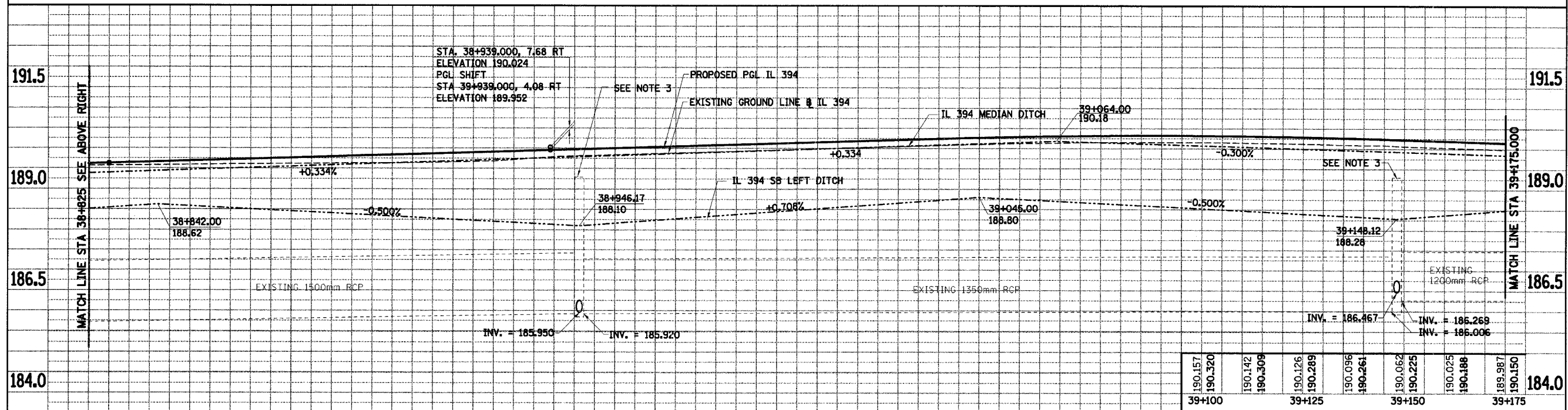
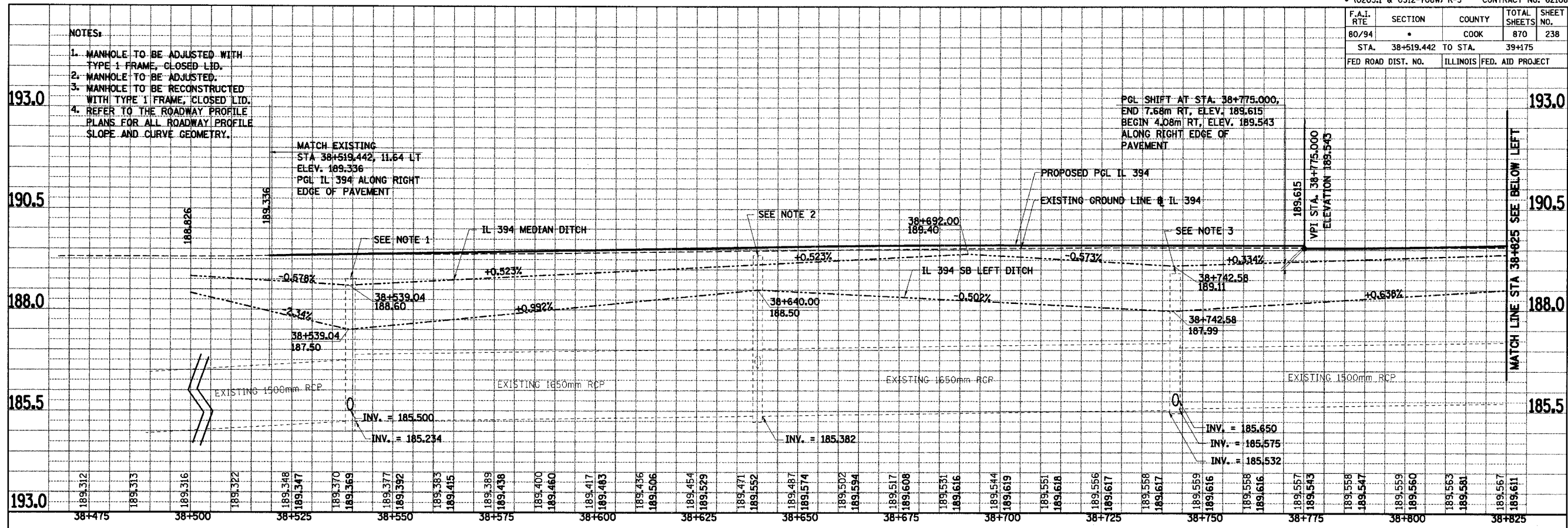
PROPOSED DRAINAGE PLAN
IL-94 EB

DATE: JULY 18, 2005

DRAWN BY: AAS
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
80/94	*	COOK	870	238
STA. 38+519.442 TO STA. 39+175				
FED ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT



STATION	ELEVATION
38+825	189.567
38+825	189.611
38+850	189.574
38+850	189.648
38+850	189.589
38+850	189.685
38+875	189.603
38+875	189.723
38+875	189.614
38+875	189.760
38+900	189.627
38+900	189.798
38+900	189.630
38+900	189.835
38+925	189.655
38+925	189.873
38+925	189.682
38+925	189.910
38+950	189.772
38+950	189.948
38+950	189.822
38+950	189.985
38+975	189.860
38+975	190.023
38+975	189.897
38+975	190.060
39+000	189.935
39+000	190.098
39+025	189.972
39+025	190.135
39+025	190.010
39+025	190.173
39+025	190.047
39+025	190.210
39+050	190.084
39+050	190.248
39+050	190.116
39+050	190.279
39+075	190.135
39+075	190.302
39+075	190.154
39+075	190.317
39+075	190.155
39+075	190.323
39+100	190.157
39+100	190.320
39+125	190.142
39+125	190.309
39+125	190.126
39+125	190.289
39+150	190.096
39+150	190.261
39+150	190.062
39+150	190.225
39+150	190.025
39+150	190.188
39+175	189.987
39+175	190.150

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE PROFILE
IL 394 SB
STA. 38+519.442 TO STA. 39+175

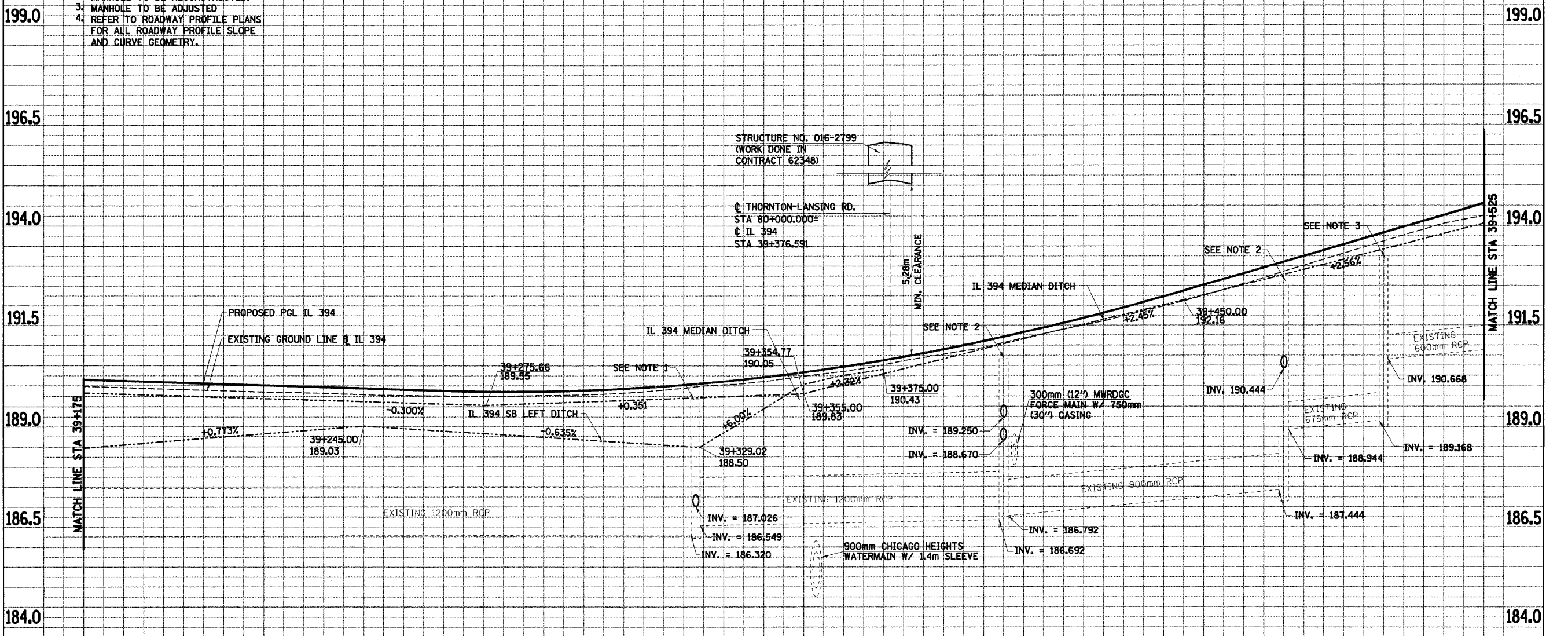
HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB
DU-27

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	239
STA. 39+175 TO STA. 39+525		FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS		

- NOTES:
1. MANHOLE TO BE RECONSTRUCTED WITH TYPE 1 FRAME, CLOSED LID.
 2. MANHOLE TO BE RECONSTRUCTED.
 3. MANHOLE TO BE ADJUSTED
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.



EXIST PROP	189.987	190.150	189.950	190.113	189.912	190.075	189.875	190.038	189.838	190.000	189.816	189.963	189.779	189.925	189.763	189.888	189.742	189.859	189.767	189.858	189.788	189.885	189.844	189.939	189.944	190.021	190.042	190.132	190.171	190.270	190.329	190.436	190.522	190.629	190.743	190.851	190.945	191.101	191.232	191.378	191.505	191.683	191.798	192.017		
	39+175	39+200	39+225	39+250	39+275	39+300	39+325	39+350	39+375	39+400	39+425																																			

192.375	192.115	192.739	192.475	193.103	192.862	193.467	193.241	193.831	193.619	194.195	193.984	194.558	194.254
39+450			39+475			39+500			39+525				

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE PROFILE
IL 394 SB
STA. 39+175 TO STA. 39+525

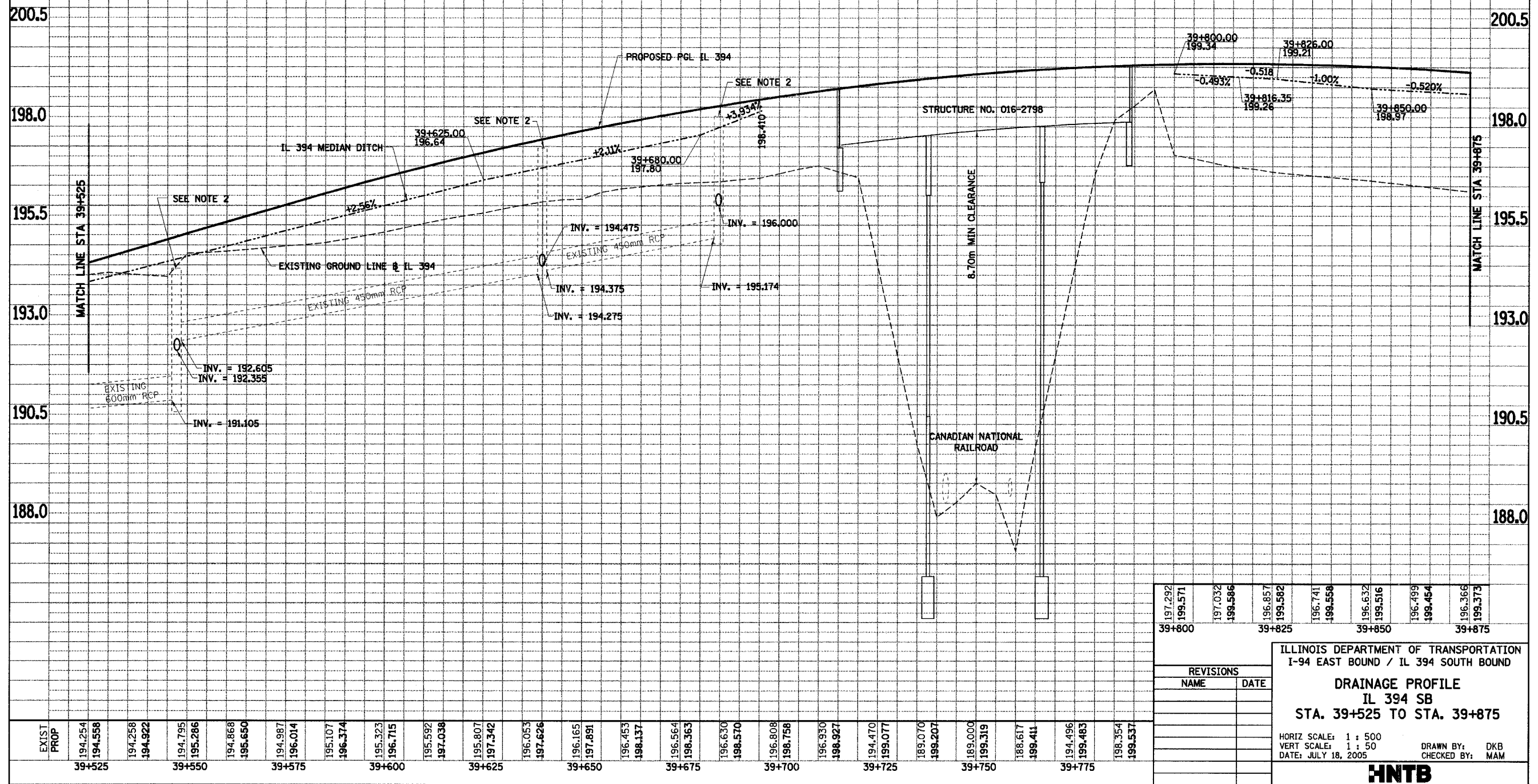
HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY: DKB
CHECKED BY: MAM

HNTB

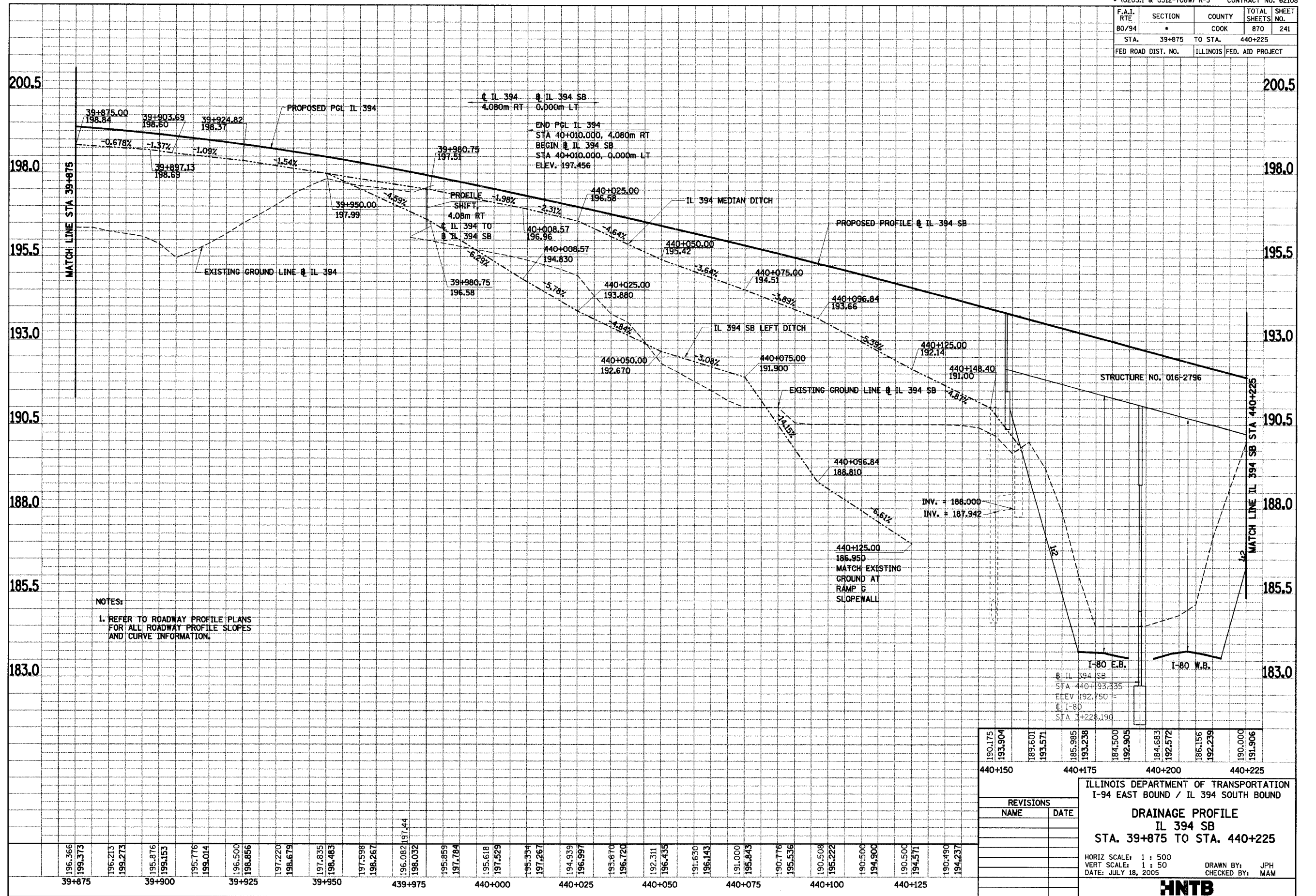
F.A.I. RTE 80/94	SECTION •	COUNTY COOK	TOTAL SHEETS 870	SHEET NO. 240
STA. 39+525		TO STA. 39+875		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- NOTES:
1. MANHOLE TO BE RECONSTRUCTED.
 2. MANHOLE TO BE ADJUSTED.
 3. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.



197.292	199.571	197.032	199.586	196.857	199.582	196.741	199.558	196.632	199.516	196.499	199.454	196.366	199.373										
39+800		39+825			39+850			39+875															
ILLINOIS DEPARTMENT OF TRANSPORTATION I-94 EAST BOUND / IL 394 SOUTH BOUND																							
DRAINAGE PROFILE IL 394 SB STA. 39+525 TO STA. 39+875																							
REVISIONS <table border="1"> <thead> <tr> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>														NAME	DATE								
NAME	DATE																						
HORIZ SCALE: 1 : 500 VERT SCALE: 1 : 50 DATE: JULY 18, 2005 DRAWN BY: DKB CHECKED BY: MAM																							
HNTB																							

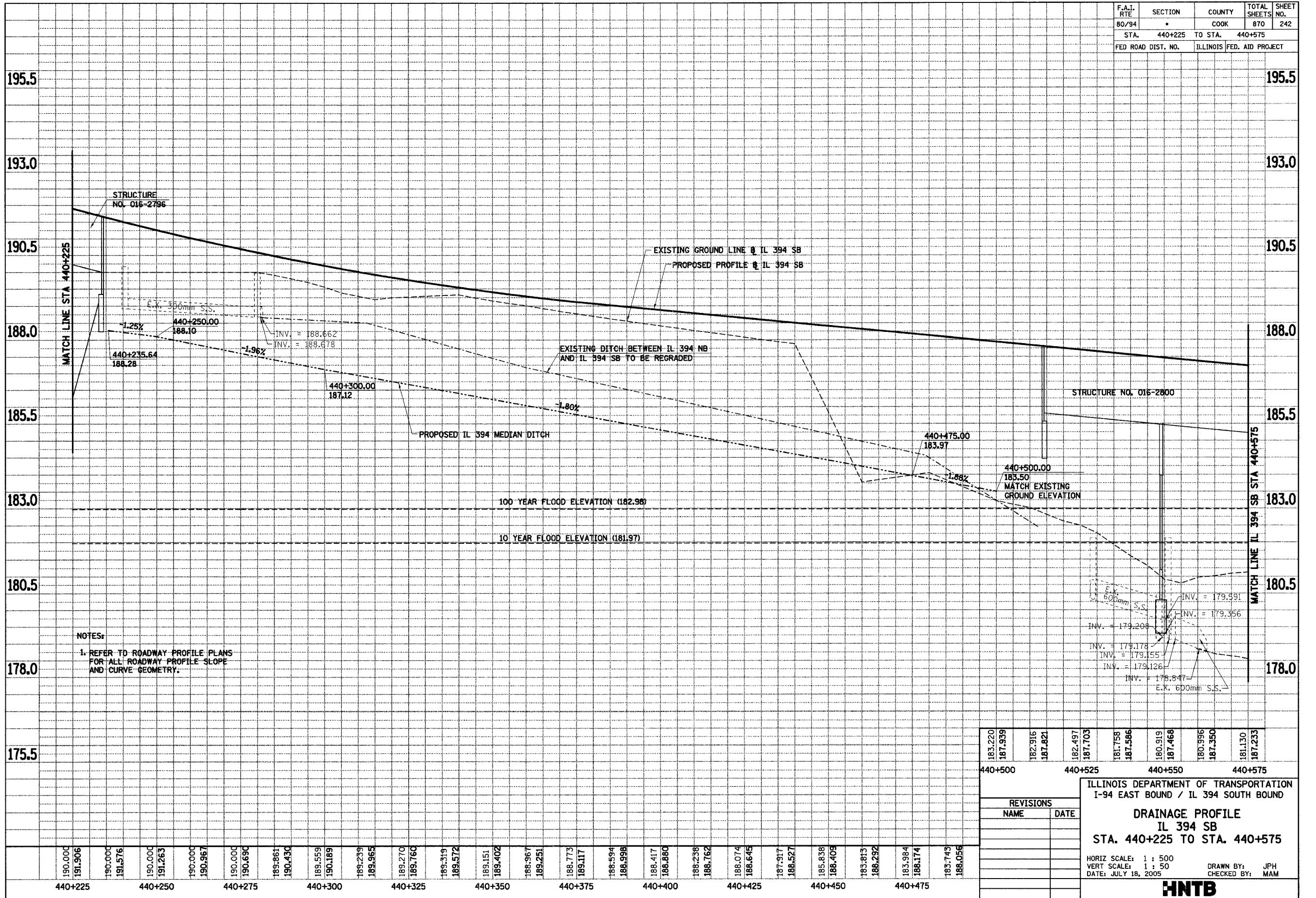
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	241
STA. 39+875		TO STA. 440+225		
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:
1. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPES AND CURVE INFORMATION.

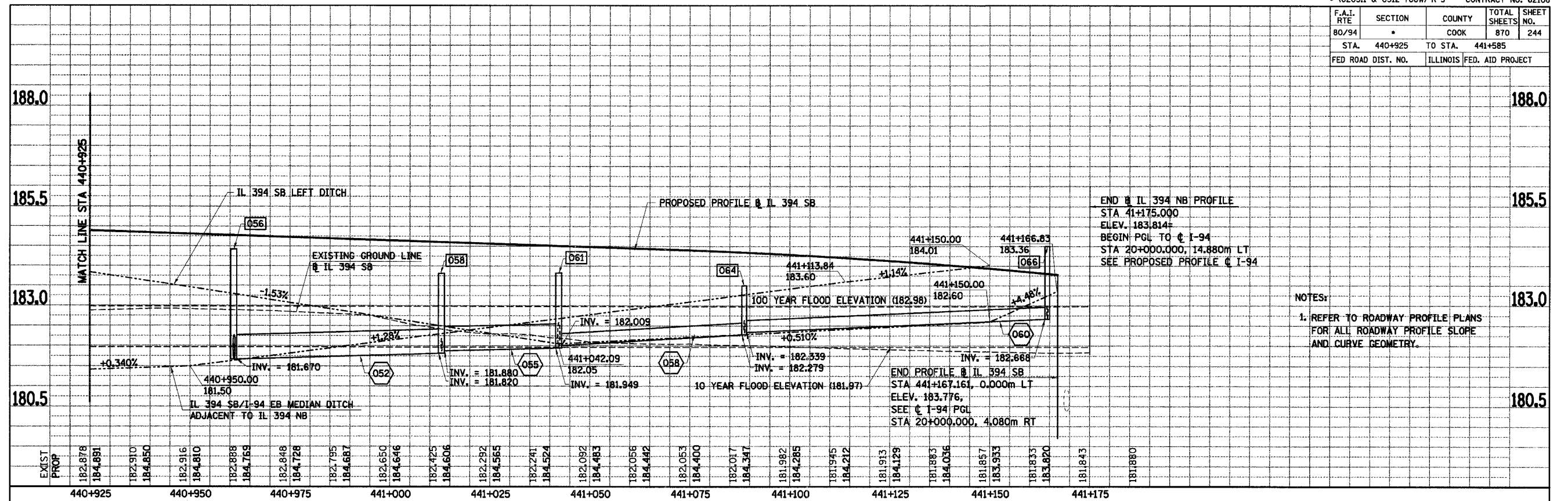
190.175	193.904	189.601	193.571	185.985	193.238	184.500	192.905	184.663	192.572	186.156	192.239	190.000	191.906
440+150				440+175				440+200				440+225	
ILLINOIS DEPARTMENT OF TRANSPORTATION I-94 EAST BOUND / IL 394 SOUTH BOUND													
DRAINAGE PROFILE IL 394 SB STA. 39+875 TO STA. 440+225													
HORIZ SCALE: 1 : 500 VERT SCALE: 1 : 50 DATE: JULY 18, 2005													
DRAWN BY: JPH CHECKED BY: MAM													
HNTB													
DU-30													

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
60/94		COOK	870	242
STA. 440+225 TO STA. 440+575		FED. AID PROJECT		
FED ROAD DIST. NO.		ILLINOIS		



183.220	187.839	182.916	187.821	182.497	187.703	181.758	187.586	180.919	187.468	180.996	187.350	181.130	187.233
440+500	440+525	440+550	440+575										
ILLINOIS DEPARTMENT OF TRANSPORTATION I-94 EAST BOUND / IL 394 SOUTH BOUND													
DRAINAGE PROFILE													
IL 394 SB													
STA. 440+225 TO STA. 440+575													
REVISIONS													
NAME	DATE												
HORIZ SCALE: 1 : 500		DRAWN BY: JPH											
VERT SCALE: 1 : 50		CHECKED BY: MAM											
DATE: JULY 18, 2005													

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	244
STA. 440+925		TO STA. 441+585		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



END IL 394 NB PROFILE
 STA 41+175.000
 ELEV. 183.814+
 BEGIN PGL TO I-94
 STA 20+000.000, 14.880m LT
 SEE PROPOSED PROFILE I-94

NOTES:
 1. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.

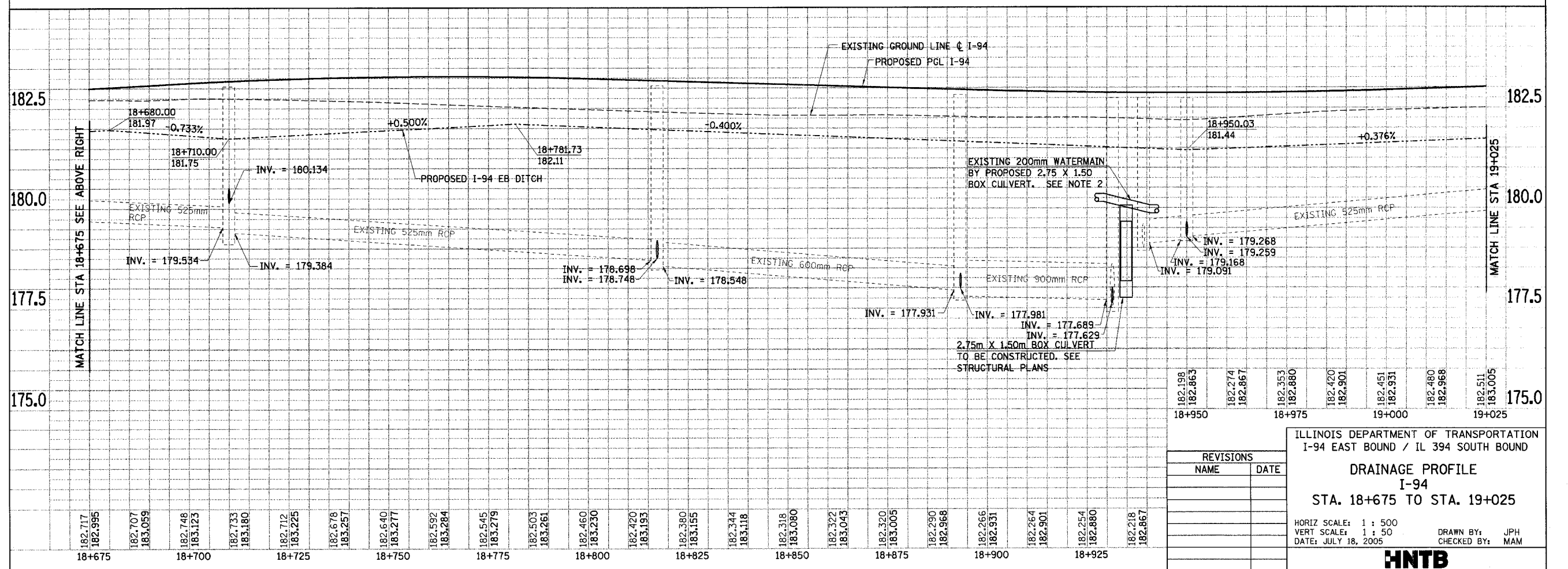
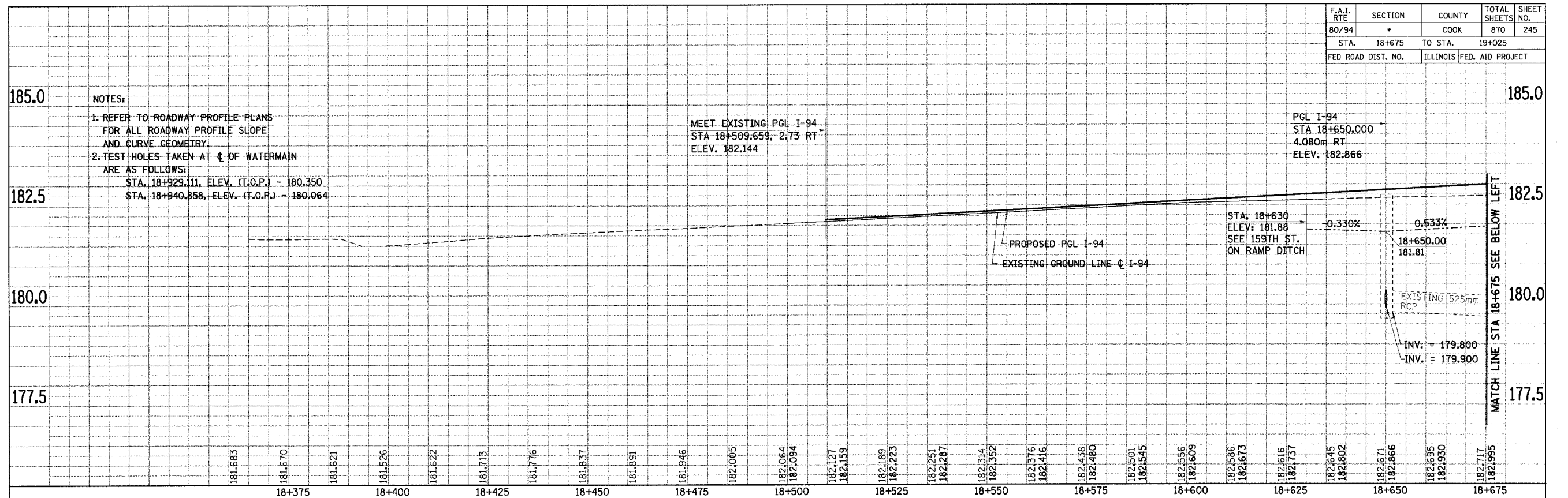
EXIST PROP	182.878	184.891	182.910	184.850	182.916	184.810	182.888	184.769	182.848	184.728	182.795	184.687	182.650	184.646	182.725	184.606	182.292	184.565	182.241	184.524	182.092	184.483	182.056	184.442	182.053	184.400	182.017	184.347	181.982	184.285	181.945	184.212	181.913	184.129	181.883	184.036	181.857	183.953	181.833	183.820	181.843	181.880				
	440+925	440+950	440+975	441+000	441+025	441+050	441+075	441+100	441+125	441+150	441+175																																			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE PROFILE
IL 394 SB
STA. 440+925 TO STA. 441+167.161
 HORIZ SCALE: 1 : 500
 VERT SCALE: 1 : 50
 DATE: JULY 18, 2005
 DRAWN BY: JPH
 CHECKED BY: MAM



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	245
STA. 18+675 TO STA. 19+025				
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:
 1. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.
 2. TEST HOLES TAKEN AT ϕ OF WATERMAIN ARE AS FOLLOWS:
 STA. 18+929.111, ELEV. (T.O.P.) - 180.350
 STA. 18+940.858, ELEV. (T.O.P.) - 180.064

MEET EXISTING PGL I-94
 STA 18+509.659, 2.73 RT
 ELEV. 182.144

PGL I-94
 STA 18+650.000
 4.080m RT
 ELEV. 182.866

STA. 18+630
 ELEV: 181.88
 SEE 159TH ST.
 ON RAMP DITCH

PROPOSED PGL I-94
 EXISTING GROUND LINE ϕ I-94

EXISTING 525mm RCP
 INV. = 179.800
 INV. = 179.900

MATCH LINE STA 18+675 SEE ABOVE RIGHT

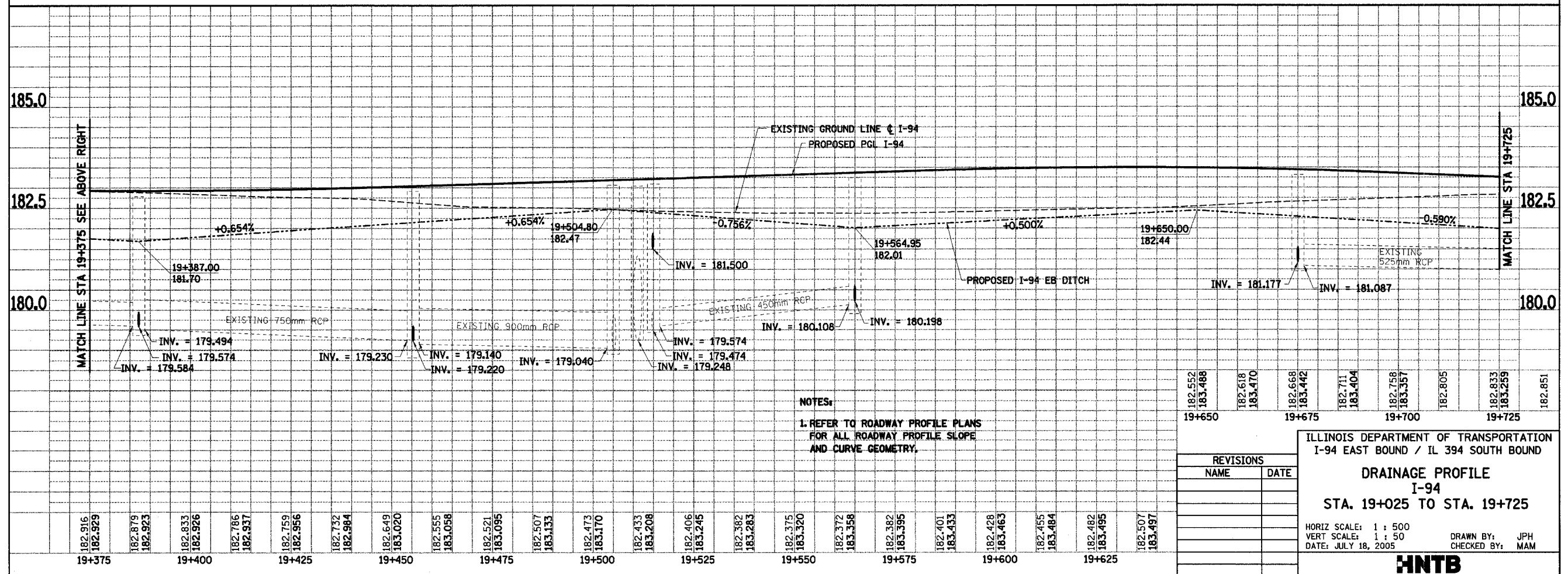
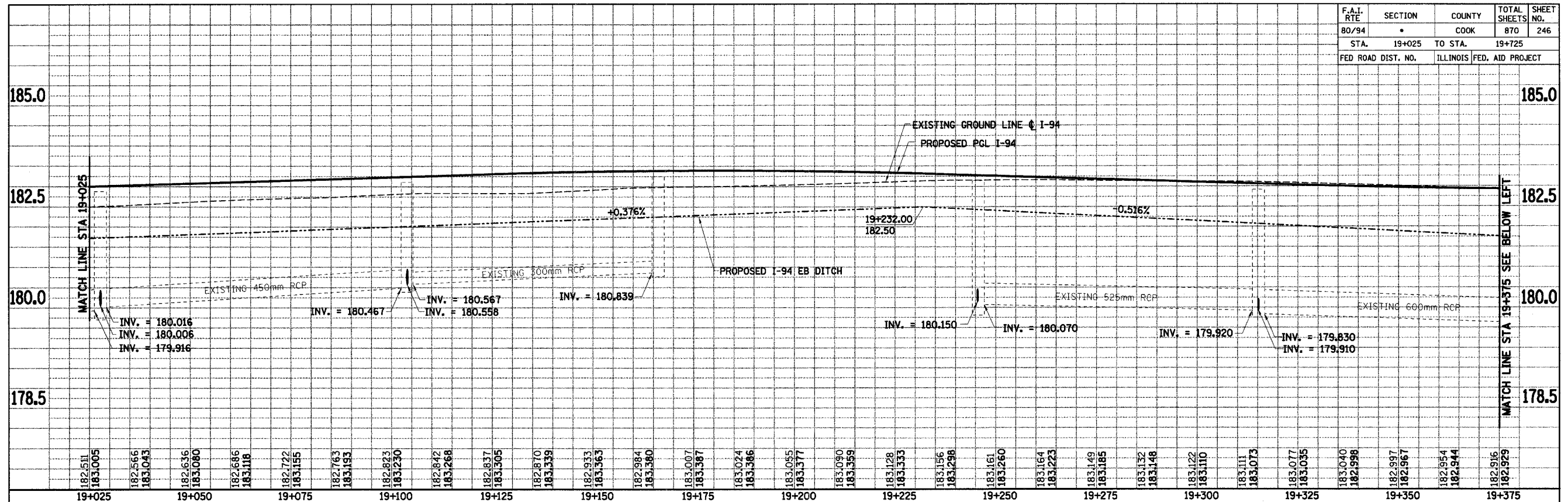
MATCH LINE STA 19+025

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE PROFILE
I-94
STA. 18+675 TO STA. 19+025
 HORIZ SCALE: 1 : 50
 VERT SCALE: 1 : 50
 DATE: JULY 18, 2005
 DRAWN BY: JPH
 CHECKED BY: MAM



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
80/94	*	COOK	870	246
STA.	19+025	TO STA.	19+725	
FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTES:
1. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.

182.552	19+650
183.486	
182.618	19+675
183.470	
182.668	19+700
183.442	
182.711	19+725
183.404	
182.758	
183.357	
182.805	
182.833	
183.299	
182.851	

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE PROFILE
I-94
STA. 19+025 TO STA. 19+725

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

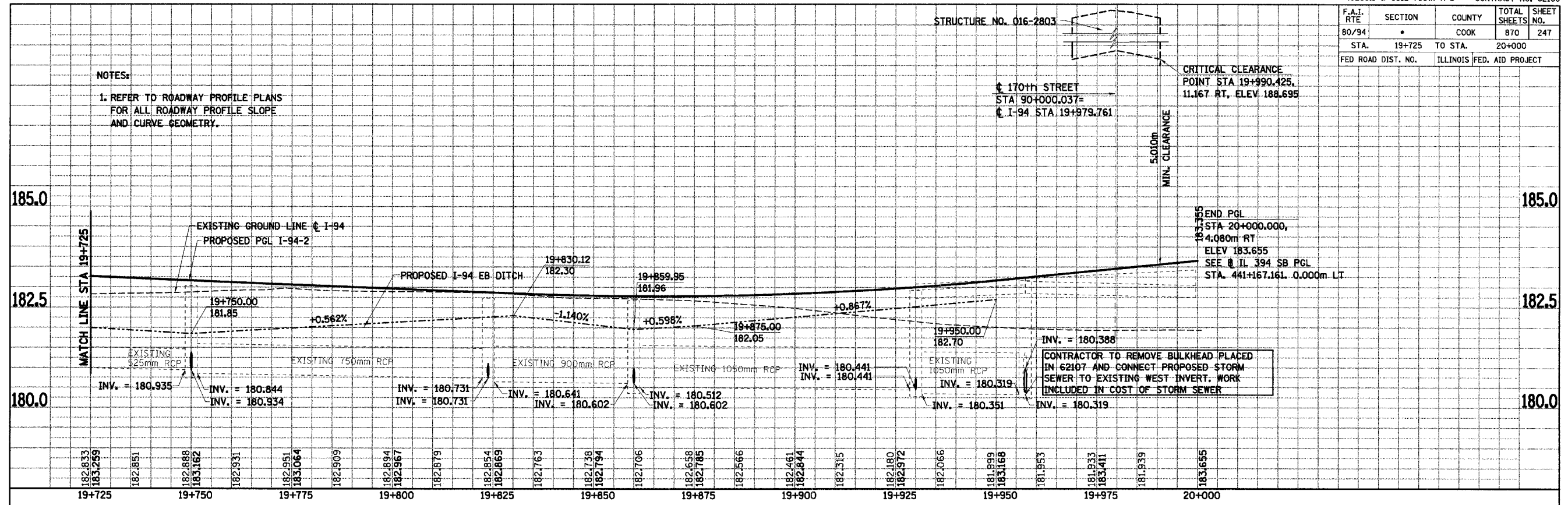
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	247
STA. 19+725 TO STA. 20+000				
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTES:
1. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.

STRUCTURE NO. 016-2803

170th STREET
STA 90+000.037=
I-94 STA 19+979.761

CRITICAL CLEARANCE
POINT STA 19+990.425,
11.167 RT, ELEV 188.695



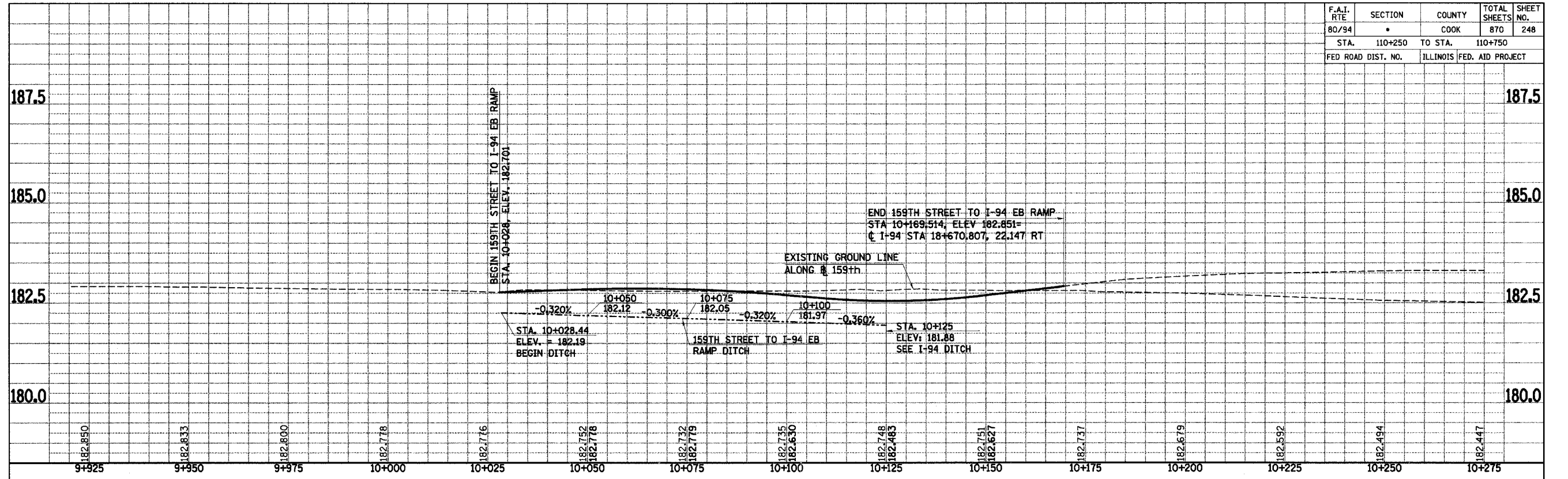
STATION	ELEVATION	INVERT	PIPE SIZE
19+725	182.833	180.935	325mm RCP
19+725	183.259		
19+750	182.851	180.844	325mm RCP
19+750	183.162	180.934	325mm RCP
19+775	182.931		
19+775	182.951		
19+775	183.064		
19+800	182.909		
19+800	182.894	180.731	750mm RCP
19+800	182.967	180.731	750mm RCP
19+825	182.879		
19+825	182.854	180.641	900mm RCP
19+825	182.869	180.602	900mm RCP
19+850	182.763		
19+850	182.738	180.512	900mm RCP
19+850	182.794	180.602	900mm RCP
19+875	182.706		
19+875	182.658	180.441	1050mm RCP
19+875	182.785	180.441	1050mm RCP
19+900	182.566		
19+900	182.461	180.319	1050mm RCP
19+900	182.844	180.319	1050mm RCP
19+925	182.315		
19+925	182.180	180.351	1050mm RCP
19+925	182.972	180.351	1050mm RCP
19+950	182.066		
19+950	181.999	180.388	1050mm RCP
19+950	183.168	180.388	1050mm RCP
19+975	181.953		
19+975	181.933		
19+975	183.411		
20+000	181.939		
20+000	183.655		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE PROFILE
I-94
STA. 19+725 TO STA. 20+000
HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005
DRAWN BY: JPH
CHECKED BY: MAM



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	248
STA. 110+250		TO STA. 110+750		
FED ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



REVISIONS	
NAME	DATE

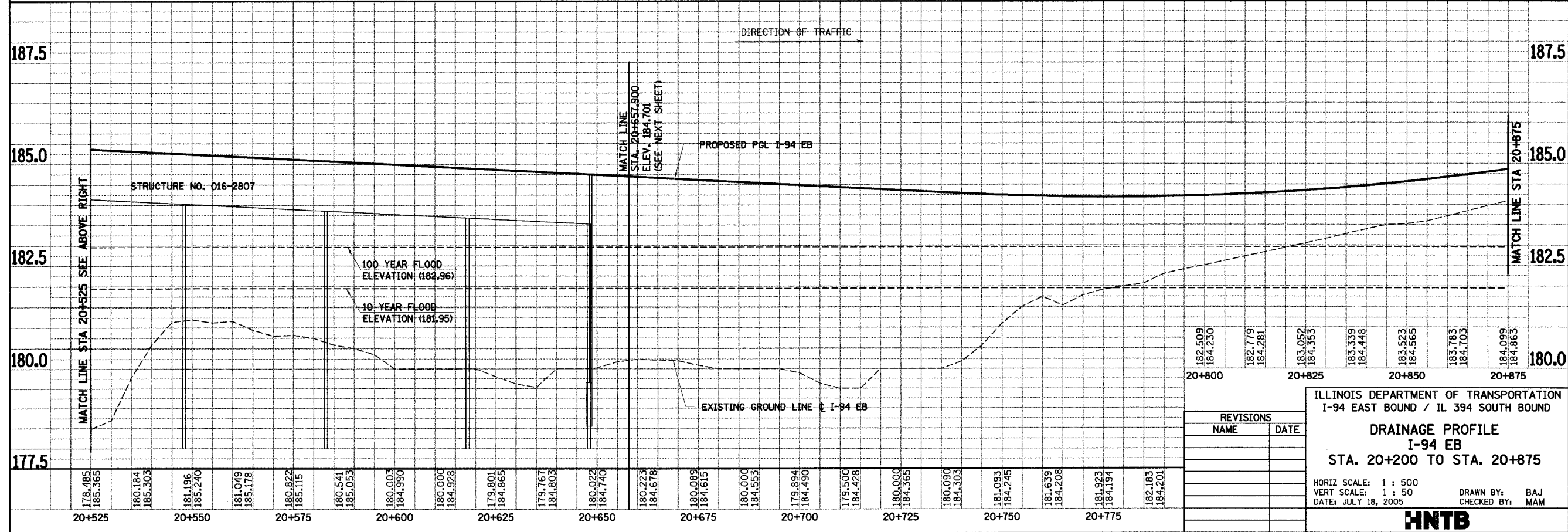
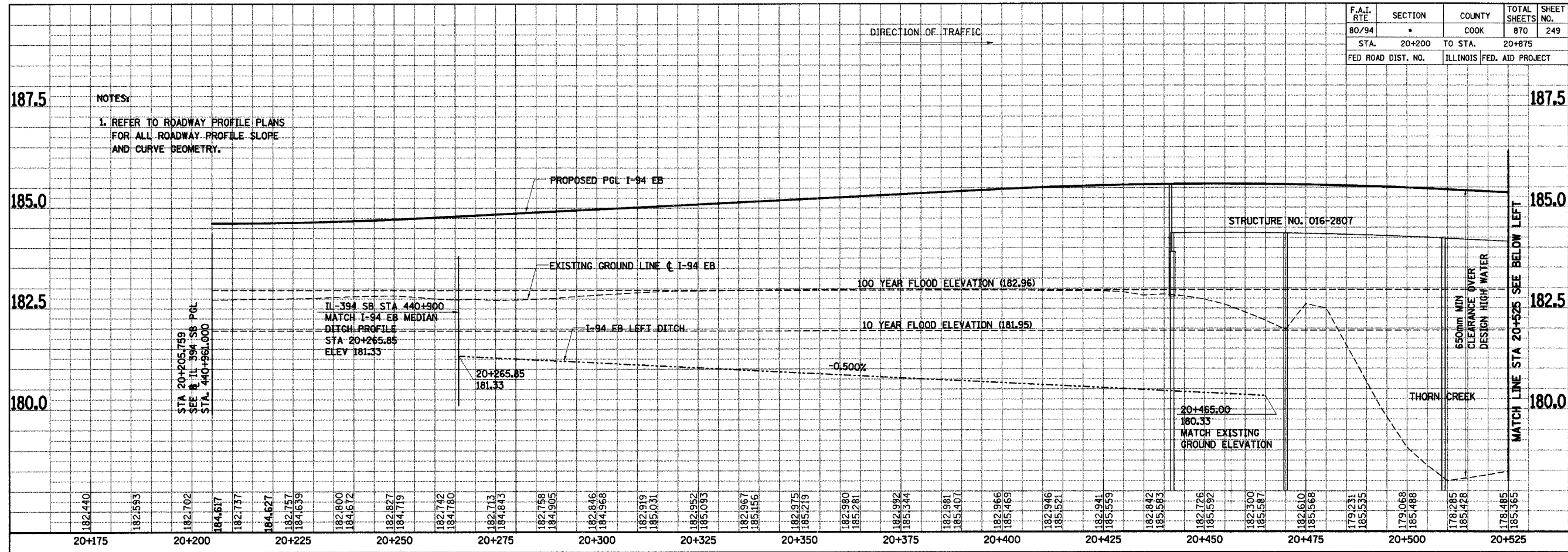
ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
DRAINAGE PROFILE
159th STREET ON RAMP
STA. 10+028 TO STA. 10+169.807

HORIZ SCALE: 1 : 500
 VERT SCALE: 1 : 50
 DATE: JULY 18, 2005

DRAWN BY: KMF
 CHECKED BY: MAM



F.A.I. RTE 80/94	SECTION •	COUNTY COOK	TOTAL SHEETS 870	SHEET NO. 249
STA. 20+200		TO STA. 20+875		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



182.509	184.230
182.779	184.281
183.052	184.353
183.339	184.448
183.523	184.565
183.783	184.703
184.099	184.863

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE PROFILE
I-94 EB
STA. 20+200 TO STA. 20+875

HORIZ SCALE: 1 : 500
VERT SCALE: 1 : 50
DATE: JULY 18, 2005

DRAWN BY: BAJ
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	250
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE STRUCTURE DATA

STRUCTURE NUMBER	STATION	OFFSET	LT / RT	TYPE	INSIDE DIAMETER (METER)	LID/FRAME AND GRATE TYPE	RIM ELEVATION	INVERT ELEVATION				COMMENTS
								N	S	E	W	
001	18+449.6	0		DS TYP 1 SP	2.4 x 0.9	T20	181.85					CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7
002	18+495.8	0		DS TYP 1 SP	2.4 x 0.9	T20	182.05					CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7
003	18+543.2	0		DS TYP 1 SP	2.4 x 0.9	T20	182.30					CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7
004	18+587.0	0		DS TYP 1 SP	2.4 x 0.9	T20	182.51					CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7
005	18+650.0	28.2	R	CB SP	1.2 x 0.9	T20	182.42			180.059	180.089	
005a	10+125.95	3.3	R	CB SP	1.2 x 1.5	T22	182.63		180.209			FRONTAGE ROAD STATIONING
006	18+650.0	31.0	R	CB TYP C	0.6	T8	181.81			180.102		
007	18+710.0	24.4	R	CB SP	1.2 x 0.9	T20	183.03			180.203	180.233	
008	18+710.0	28.9	R	CB TYP C	0.6	T8	181.75			180.249		
009	18+817.3	22.1	R	CB SP	1.2 x 0.9	T20	183.04			178.836		
010	18+893.3	21.2	R	CB SP	1.2 x 0.9	T20	182.82			180.800		ELIMINATE SUMP FROM CATCH BASIN DUE TO CLOSE PROXIMITY TO RETAINING WALL FOOTING
011	18+931.4	21.2	R	CB SP	1.2 x 0.9	T20	182.74			180.800		ELIMINATE SUMP FROM CATCH BASIN DUE TO CLOSE PROXIMITY TO RETAINING WALL FOOTING
012	18+950.0	21.2	R	CB SP	1.2 x 1.5	T22	182.73			180.800	180.830	ELIMINATE SUMP FROM CATCH BASIN DUE TO CLOSE PROXIMITY TO RETAINING WALL FOOTING
013	18+950.0	25.3	R	CB TYP C	0.6	T8	181.44			180.841		NOTE REDUCED STRUCTURE DEPTH WHEN CONSTRUCTING STRUCTURE
014	19+027.4	22.1	R	CB SP	1.2 x 0.9	T20	182.88			180.094		
015	19+103.5	26.4	R	CB TYP C	0.6	T8	182.02			180.669		
016	19+103.5	22.1	R	CB SP	1.2 x 0.9	T20	183.11			180.624	180.654	
017	19+245.5	22.1	R	CB SP	1.2 x 0.9	T20	183.14			180.238		
018	19+315.5	22.1	R	CB SP	1.2 x 0.9	T20	182.93			179.998		
019	19+387.0	26.4	R	CB TYP C	0.6	T8	181.70			179.709		
020	19+387.0	22.1	R	CB SP	1.2 X 1.5	T22	182.79			179.664	179.694	
021	19+455.5	22.1	R	CB SP	1.2 X 0.9	T20	182.90			179.308		
022	19+515.2	22.1	R	CB SP	1.2 X 0.9	T20	183.08			181.588		
023	19+565.0	26.8	R	CB TYP C	0.6	T8	182.02			180.311		
024	19+565.0	22.1	R	CB SP	1.2 x 0.9	T20	183.23			180.264	180.294	
025	19+675.0	22.1	R	CB SP	1.2 x 0.9	T20	183.31			181.265		
026	19+750.0	27.5	R	CB TYP C	0.6	T8	181.85			181.008		

NOTES:

- ALL STATIONING OFF OF ϕ I-94 UNLESS OTHERWISE NOTED
- REFER TO DRAINAGE STRUCTURE PLACEMENT DETAIL FOR LOCATION OF DRAINAGE STRUCTURES ALONG BARRIER WALLS
- RIM ELEVATIONS FOR ALL FLARED END SECTIONS (FES) ARE GIVEN AT THE INVERT ELEVATION
- STATION AND OFFSETS FOR ALL FLARED END SECTIONS ARE GIVEN AT PIPE END CONNECTION
- REFER TO DISTRICT ONE STANDARD CS-7 AND CS-8 FOR CONSTRUCTION OF CATCH BASIN SPECIAL, LOCATED AT BARRIER WALLS
- REFER TO DISTRICT ONE STANDARD CS-8 AND CS-9 FOR CONSTRUCTION OF MEDIAN DRAINAGE STRUCTURES
- EXISTING STORM SEWER MAINLINE LOCATED UNDER GUARDRAIL. UNABLE TO OPEN STRUCTURES TO MEASURE STORM SEWER DEPTH. CONTRACTOR TO VERIFY EXISTING INVERTS PRIOR TO FABRICATION OF DRAINAGE STRUCTURE. WORK INCLUDED IN COST OF DRAINAGE STRUCTURE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	251
STA.		TO STA.		
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE DATA

STRUCTURE NUMBER	STATION	OFFSET	LT / RT	TYPE	INSIDE DIAMETER (METER)	LID/FRAME AND GRATE TYPE	RIM ELEVATION	INVERT ELEVATION				COMMENTS
								N	S	E	W	
027	19+750.0	23.0	R	CB SP	1.2 x 0.9	T20	183.01			180.994	180.994	☉ I-94 STATIONING
028	19+823.8	23.4	R	CB SP	1.2 x 0.9	T20	182.71			180.831		☉ I-94 STATIONING
029	19+859.95	27.3	R	CB TYP C	0.6	T8	181.96			180.722		☉ I-94 STATIONING
030	19+859.9	24.3	R	CB SP	1.2 x 1.5	T22	182.61			180.683	180.713	☉ I-94 STATIONING
031	19+930.0	25.1	R	CB SP	1.2 x 0.9	T20	182.81			180.546		☉ I-94 STATIONING
032	38+539.0	32.0	L	CB TYP A	1.2	T8	187.50			185.745		
033	38+742.6	27.5	L	CB TYP A	1.2	T8	187.99			186.020		
034	38+905.5	0		CB TYP C	0.6	T8	189.65	189.000				
035	38+946.2	31.5	L	CB TYP A	1.2	T8	188.10			186.190		
036	39+095.6	0		CB TYP C	0.6	T8	190.09	189.440				
037	39+148.1	31.7	L	CB TYP A	1.2	T8	188.28			186.710		
038	39+275.7	0		CB TYP C	0.6	T8	189.55	188.900				
039	NOT USED											
040	39+406.4	22.9	L	CB SP	1.2 x 0.9	T20	191.27			189.581		
041	39+475.0	24.0	L	CB SP	1.2 x 0.9	T20	193.61			190.527		
042	39+542.9	0		CB TYP C	0.6	T8	194.76	192.371				
043	39+547.5	25.3	L	CB SP	1.2 x 0.9	T20	195.88			192.459		
044	39+602.6	15.5	L	CB TYP A	1.2	TIF OL	197.30	195.163				N = 186.846 (SLOTTED DRAIN INVERT)
045	39+640.2	15.8	L	CB TYP A	1.2	TIF OL	198.21	197.755	195.000	194.549	195.500	S = 197.755 (SLOTTED DRAIN INVERT). NORTH INVERT FOR SLOTTED DRAIN.
046	39+641.5	27.0	L	CB SP	1.2 x 0.9	T20	198.47			195.542		
047	39+685.0	16.3	L	CB TYP A	1.2	TIF OL	199.07	198.616	198.615	196.129	196.279	NORTH AND SOUTH INVERTS FOR SLOTTED DRAIN
048	39+684.2	27.8	L	CB SP	1.2 x 0.9	T20	199.33			196.353		
049	39+795.4	0.6	R	PRC FES	0.3	---	199.36					CATCH BASIN AND DITCH CURRENTLY UNDER DESIGN
050	39+795.4	4.9	L	INL BOX TYP. D	1.83	CAST GRATE	199.59					REFER TO HIGHWAY STANDARD 609006 FOR CONSTRUCTION DETAILS
051	440+114.2	13.7	L	INL BOX TYP. D	1.83	CAST GRATE	193.33					☉ IL 394 SB STATIONING. REFER TO HIGHWAY STAND. 609006 FOR CONST. DETAILS
052	440+141.2	30.3	L	PRC FES	0.3	---	---			187.000		☉ IL 394 SB STATIONING
053	440+508.4	13.3	L	INL BOX TYP. D	1.83	CAST GRATE	187.16					☉ IL 394 SB STATIONING. REFER TO HIGHWAY STAND. 609006 FOR CONST. DETAILS

NOTES:

- ALL STATIONING OFF OF ☉ IL 394 UNLESS OTHERWISE NOTED
- REFER TO DRAINAGE STRUCTURE PLACEMENT DETAIL FOR LOCATIONS OF DRAINAGE STRUCTURES ALONG BARRIER WALLS
- RIM ELEVATIONS FOR ALL FLARED END SECTIONS (FES) ARE GIVEN AT THE INVERT ELEVATION
- STATION AND OFFSETS FOR ALL FLARED END SECTIONS ARE GIVEN AT PIPE END CONNECTION
- REFER TO DISTRICT ONE STANDARD CS-7 AND CS-8 FOR CONSTRUCTION OF CATCH BASIN SPECIAL, LOCATED AT BARRIER WALLS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	252
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE STRUCTURE DATA

STRUCTURE NUMBER	STATION	OFFSET	LT / RT	TYPE	INSIDE DIAMETER (METER)	LID/FRAME AND GRATE TYPE	RIM ELEVATION	INVERT ELEVATION				COMMENTS
								N	S	E	W	
054	440+508.2	20.3	L	PRC FES	0.3	---	---				185.000	
055	440+961.0	23.6	R	PRC FES	0.6	---	---				181.641	
056	440+961.0	15.7	R	MH TYP A	1.5	T1F CL	184.42	181.670		181.670	181.730	
057	440+961.0	0.1	R	CB TYP A	1.2	T1F OL	184.78	184.325	184.331	181.790		NORTH AND SOUTH INVERTS FOR SLOTTED DRAIN
058	441+012.9	14.7	R	MH TYP A	1.5	T1F CL	183.81	181.880	181.820		181.880	
059	441+012.9	12.9	R	CB SP	1.2 x 0.9	T20	184.37			181.882	181.912	
060	441+012.7	0	R	CB TYP A	1.2	T1F OL	184.61	184.155	184.155	181.964		NORTH AND SOUTH INVERTS ARE FOR SLOTTED DRAIN
061	441+042.2	14.2	R	MH TYP A	1.5	T1F CL	183.82	182.009	181.949		182.009	
062	441+042.1	0.1	R	CB TYP A	1.5	T1F OL	184.51		184.054	182.033	182.063	SOUTH INVERT IS FOR SLOTTED DRAIN
063	441+042.0	24.0	L	PRC FES	0.6	---	182.05			182.097		
064	441+088.6	14.0	R	MH TYP A	1.2	T1F CL	183.50	182.339	182.279		182.339	
065	441+088.5	12.1	R	CB SP	1.2 x 0.9	T20	184.10			182.343		
066	441+164.4	13.2	R	MH TYP A	1.2	T1F CL	184.50		182.668		182.698	
067	441+164.5	11.1	R	CB SP	1.2 x 0.9	T20	183.54			182.701		SEE NOTE 6
068	440+365.3	68.3	L	CIP RCP END SEC	0.6	---	---			182.309		END SECTION TO BE PAID FOR AS TOLLWAY PAY ITEM FOR CONCRETE PIPE END SECTIONS, 600mm
069	440+400.1	117.2	L	CIP RCP END SEC	0.6	---	---			182.165		END SECTION TO BE PAID FOR AS TOLLWAY PAY ITEM FOR CONCRETE PIPE END SECTIONS, 600mm
070	19+956.85	24.590	R	MH TYP A	1.5	T1F CL	183.07	180.372		180.372	180.372	☺ I-94 STATIONING
071	19+954.33	25.120	R	CB TYP A	1.2	T1F OL	183.01	180.407	180.377			☺ I-94 STATIONING
072	19+950.4	25.070	R	CB TYP A	1.2	T1F OL	182.98		180.419			☺ I-94 STATIONING

NOTES:

- ALL STATIONING OFF OF I-94 SB UNLESS OTHERWISE NOTED
- REFER TO DRAINAGE STRUCTURE PLACEMENT DETAIL FOR LOCATIONS OF DRAINAGE STRUCTURES ALONG BARRIER WALLS
- RIM ELEVATIONS FOR ALL FLARED END SECTIONS (FES) ARE GIVEN AT THE INVERT ELEVATION
- STATION AND OFFSETS FOR ALL FLARED END SECTIONS ARE GIVEN AT PIPE END CONNECTION
- REFER TO DISTRICT ONE STANDARD CS-7 AND CS-8 FOR CONSTRUCTION OF CATCH BASIN SPECIAL, LOCATED AT BARRIER WALLS
- FOR STRUCTURE 067, CONTRACTOR TO SUBSTITUTE RISER SECTION AND PRECAST REINFORCED CONCRETE FLAT SLAB TOP (HIGHWAY STANDARD 602601) IN PLACE OF THE STANDARD CONE SECTION. COST OF RISER SECTION AND FLAT SLAB TOP INCLUDED IN COST OF CATCH BASIN TYPE A, TYPE 8 GRATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	253
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE PIPE DATA

PIPE NUMBER	DIAMETER (mm)	CLASS	TYPE	LENGTH (m)	PIPE SLOPE (%)	TRENCH BACKFILL (m³)	NOTES
001	375	III	2	26.6	0.60%	69.8	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 179.900. WORK INCLUDED IN COST OF THE PROP. SEWER.
002	300	III	2	2.9	0.44%	5.0	
002a	300	III	2	20.3	0.44%	45.0	
003	375	III	2	23.1	0.30%	69.8	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.134. WORK INCLUDED IN COST OF THE PROP. SEWER.
004	300	III	2	3.6	0.44%	3.8	
005	300	IV	3	20.0	0.44%	97.4	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 178.748. WORK INCLUDED IN COST OF THE PROP. SEWER.
006	300	IV	3	20.0	14.09%	74.3	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 177.981. WORK INCLUDED IN COST OF THE PROP. SEWER.
007	300	IV	3	20.0	14.09%	77.0	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 177.629. WORK INCLUDED IN COST OF THE PROP. SEWER.
008	375	III	2	20.0	7.70%	55.6	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 179.259. WORK INCLUDED IN COST OF THE PROP. SEWER.
009	375	IV	1	2.4	0.44%	0.8	
010	300	III	2	20.0	0.44%	57.5	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.006. WORK INCLUDED IN COST OF THE PROP. SEWER.
011	300	III	2	3.4	0.44%	2.2	
012	300	III	2	20.0	0.33%	48.7	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.558. WORK INCLUDED IN COST OF THE PROP. SEWER.
013	300	III	2	20.0	0.44%	60.7	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.150. WORK INCLUDED IN COST OF THE PROP. SEWER.
014	300	III	2	20.0	0.44%	61.4	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 179.910. WORK INCLUDED IN COST OF THE PROP. SEWER.
015	300	III	2	3.5	0.44%	4.9	
016	375	III	2	20.0	0.45%	69.5	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 179.574. WORK INCLUDED IN COST OF THE PROP. SEWER.
017	300	III	2	20.0	0.44%	80.2	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 179.220. WORK INCLUDED IN COST OF THE PROP. SEWER.
018	300	IV	1	20.0	0.44%	12.4	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 181.500. WORK INCLUDED IN COST OF THE PROP. SEWER.
019	300	III	2	3.8	0.44%	4.3	
020	375	III	2	20.0	0.33%	64.6	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.198. WORK INCLUDED IN COST OF THE PROP. SEWER.
021	300	III	2	20.1	0.44%	36.7	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 181.177. WORK INCLUDED IN COST OF THE PROP. SEWER.
022	300	IV	1	3.6	0.40%	1.1	
023	375	III	2	20.0	0.30%	36.3	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.934. WORK INCLUDED IN COST OF THE PROP. SEWER.
024	300	III	2	22.7	0.44%	36.7	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.731. WORK INCLUDED IN COST OF THE PROP. SEWER.
025	300	IV	1	2.1	0.44%	1.3	
026	375	III	2	23.0	0.35%	39.8	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.602. WORK INCLUDED IN COST OF THE PROP. SEWER.
027	300	III	2	23.9	0.44%	53.4	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.441. WORK INCLUDED IN COST OF THE PROP. SEWER.
028	600	III	2	22.4	0.10%	68.7	CONTRACTOR TO REMOVE TEMPORARY BULKHEAD FROM MEDIAN DRAINAGE STRUCTURE PLACED IN CONTRACT 62107 AND CONNECT PROP. STORM SEWER TO EXISTING INV. ELEV. OF 180.350. WORK INCLUDED IN COST OF THE PROP. SEWER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

**DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES**

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	254
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE PIPE DATA

PIPE NUMBER	DIAMETER (mm)	CLASS	TYPE	LENGTH (m)	PIPE SLOPE (%)	TRENCH BACKFILL (m³)	NOTES
029	375	III	2	24.5	1.00%	43.0	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 185.50. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
030	375	III	2	20.2	1.00%	37.3	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 185.65. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
031	300	IV	1	39.8	0.44%	0.0	CONNECT PROP. STORM SEWER TO EXISTING CATCH BASIN AT INV. ELEV. OF 188.828. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
032	375	III	2	24.0	1.00%	44.4	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 185.950. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
033	300	IV	1	51.6	0.44%	0.0	CONNECT PROP. STORM SEWER TO EXISTING CATCH BASIN AT INV. ELEV. OF 189.213. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
034	375	III	2	24.3	1.00%	33.4	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 186.467. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
035	300	IV	1	50.8	0.44%	0.0	CONNECT PROP. STORM SEWER TO EXISTING CATCH BASIN AT INV. ELEV. OF 188.677. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
036	600	III	2	22.2	0.30%	4.7	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE FROM UPSTREAM INV. ELEV. 187.026 TO EXISTING MEDIAN DRAINAGE STRUCTURE AT INV. 186.953. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
037	375	IV	1	28.7	1.41%	10.8	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE FROM UPSTREAM INV. ELEV. 188.670 TO EXISTING MANHOLE ADJACENT TO MEDIAN AT INV. 188.092. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
038	300	III	2	15.7	0.44%	9.9	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 189.250. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
039	300	III	2	19.3	0.44%	49.9	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 190.444. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
040	375	III	2	3.3	0.50%	0.0	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 192.355. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
041	300	III	2	23.6	0.44%	87.6	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 192.355. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE. PIPE UNDER DESIGN
042	300	III	2	37.0	0.44%	98.1	
043	300	III	2	16.9	0.44%	48.3	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 194.475. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
044	300	III	2	9.6	0.44%	27.4	
045	300	III	2	17.2	0.75%	36.2	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 196.000. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
046	300	III	2	9.9	0.75%	29.1	
047	300	IV	1	4.4	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.
048	300	IV	1	16.2	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.
049	300	IV	1	7.1	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.
050	600	III	2	7.1	0.41%	0.0	
051	300	III	2	13.6	0.44%	39.3	
052	600	III	2	49.9	0.30%	0.0	
053	300	III	2	0.4	0.44%	0.9	
054	300	III	2	11.8	0.44%	29.4	
055	600	III	2	27.8	0.25%	0.0	
056	600	III	2	11.8	0.20%	23.4	
057	600	III	2	22.6	0.15%	4.0	

NOTES:

- RCP FROM INLET BOX TYPE B TO HAVE SAME SLOPE AS ROADWAY FORESLOPE. WHEN ROADWAY FORESLOPE IS VARYING, AS SEEN IN CROSS SECTIONS, CONTRACTOR TO USE SLOPE THAT IS APPROPRIATE TO ALLOW CONNECTION TO PROPOSED INVERT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	255
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE PIPE DATA

PIPE NUMBER	DIAMETER (mm)	CLASS	TYPE	LENGTH (m)	PIPE SLOPE (%)	TRENCH BACKFILL (m ³)	NOTES
058	300	IV	1	45.1	0.60%	0.0	
059	300	IV	1	0.7	0.44%	0.4	
060	300	IV	1	74.6	0.44%	0.0	
061	300	IV	1	0.8	0.44%	0.3	
062	600			57.4	0.25%	0.0	600mm TYPE 1 RCCP PIPE CULVERT WITH 600mm CAST IN PLACE CONCRETE HEADWALL TO BE PAID FOR AS TOLLWAY QUANTITY.
063	600	III	2	13.6	0.10%	0.0	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE PLACED IN CONTRACT 62103 AT INV. ELEV. OF 180.386. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
064	300	III	2	1.2	0.44%	0.0	
065	300	III	2	2.7	0.44%	0.0	
066	300	IV	1	3.9	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.

SLOTTED DRAIN SCHEDULE

PIPE NUMBER	DIAMETER (mm)	SLOT HEIGHT (mm)	LENGTH (m)	SLOTTED DRAIN SLOPE	COMMENTS
SD1	300	VARIABLE	36.95	2.46%	SLOTTED DRAIN TO RUN FROM STRUCTURE 044 TO 045
SD2	300	VARIABLE	43.75	1.97%	SLOTTED DRAIN TO RUN FROM STRUCTURE 045 TO 047
SD3	300	VARIABLE	36.62	1.50%	SLOTTED DRAIN TO RUN FROM STRUCTURE 047 NORTH TO INVERT OF 199.165
SD4	300	VARIABLE	43.41	0.40%	SLOTTED DRAIN TO RUN FROM STRUCTURE 057 SOUTH TO INVERT OF 184.505
SD5	300	VARIABLE	50.42	0.34%	SLOTTED DRAIN TO RUN FROM STRUCTURE 057 TO 060
SD6	300	VARIABLE	28.09	0.36%	SLOTTED DRAIN TO RUN FROM STRUCTURE 060 TO 062

NOTES:

- RCP FROM INLET BOX TYPE B TO HAVE SAME SLOPE AS ROADWAY FORESLOPE. WHEN ROADWAY FORESLOPE IS VARYING, AS SEEN IN CROSS SECTIONS, CONTRACTOR TO USE SLOPE THAT IS APPROPRIATE TO ALLOW CONNECTION TO PROPOSED INVERT.
- REFER TO SLOTTED DRAIN DETAIL FOR CONSTRUCTION AND PLACEMENT OF SLOTTED DRAIN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB

PART of the SOUTHEAST QUARTER of SECTION 23, T36N., R14E., of the 3rd. P.M. COOK COUNTY, ILLINOIS

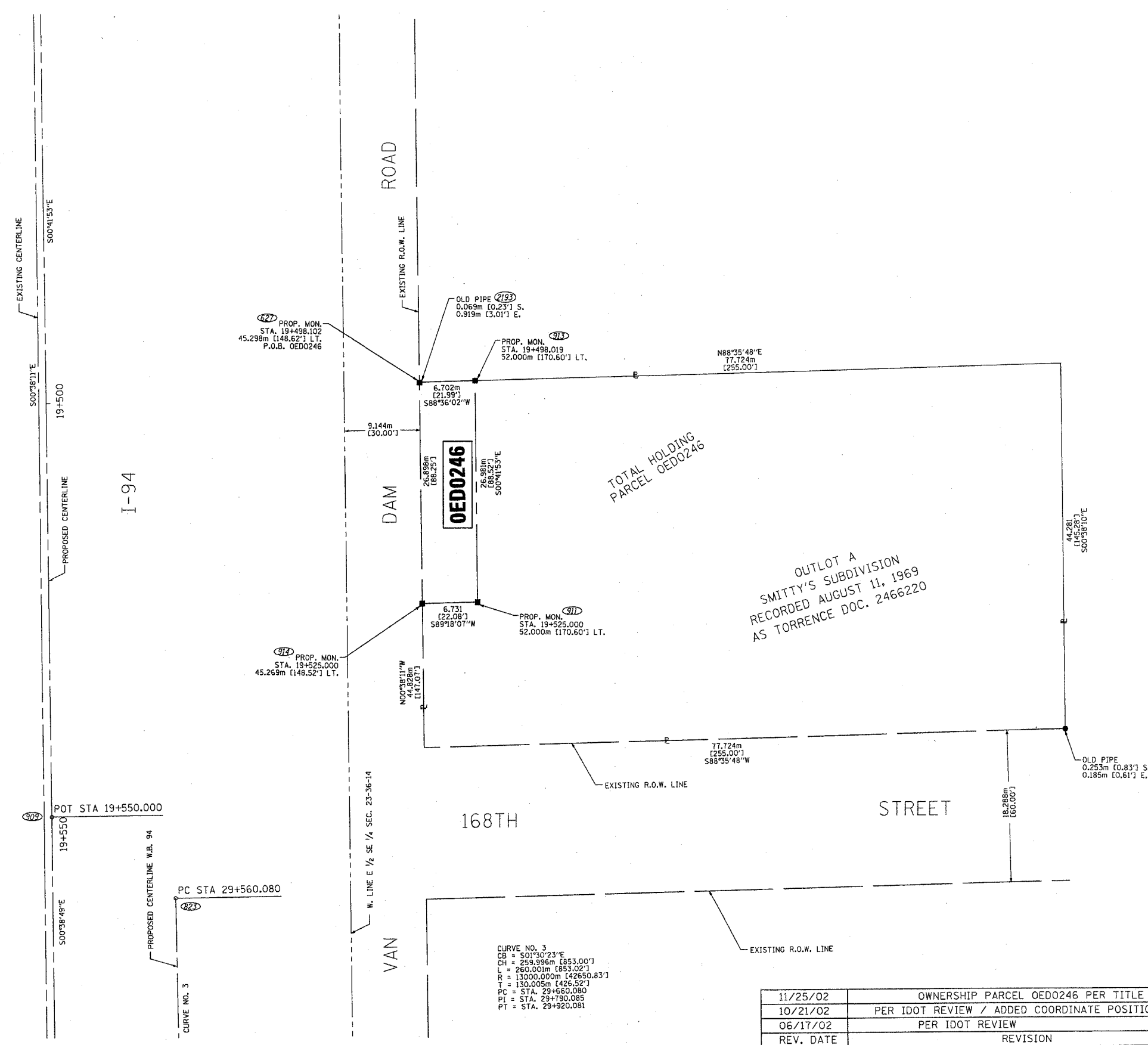
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT ID. NO.	PROPERTY ACQUIRED BY
OED0246	TO GOD BE THE GLORY MINISTRIES	0.850	0.045	0.805	N/A	N/A	N/A	29-23-401-046	

LEGEND

- COORDINATE POSITION NUMBER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED ENGLISH DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- METRIC DIMENSION
- CUT CROSS FOUND OR SET
- EXISTING BUILDING
- IRON PIPE FOUND
- IRON PIPE SET
- THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE TP FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY DISK POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

BY	DATE

R.O.W. PLAT	NOTEBOOK NO.



STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTION 23, TOWNSHIP 36 NORTH, AND RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.

ROBERT A. ROGINA
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



NOTE:
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83

PREPARED BY: **ROGINA & ASSOCIATES, L.P.**

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 80/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION 19 + 490.00 TO STATION 19 + 550.00
SCALE: 1:250 SHEET: 27A OF 63A

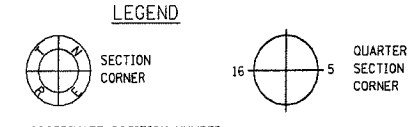
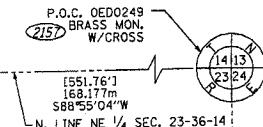
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REV. DATE	REVISION	DATE
11/25/02	OWNERSHIP PARCEL OED0246 PER TITLE POLICY	RPH/JAK
10/21/02	PER IDOT REVIEW / ADDED COORDINATE POSITION NUMBERS	RPH/JAK
06/17/02	PER IDOT REVIEW	MHG/JAK

CURVE NO. 3
CB = 501'30"23"E
CH = 259.996m [853.00']
L = 260.001m [853.02']
R = 13000.000m [42650.83']
T = 130.005m [426.52']
PC = STA. 29+560.080
PT = STA. 29+790.085
PI = STA. 29+620.081

PART of the NORTHEAST QUARTER of SECTION 23, T36N., R14E., of the 3rd. P.M. COOK COUNTY, ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT ID. NO.	PROPERTY ACQUIRED BY
OED0249	SOUTH HOLLAND TRUST & SVGS. TRUST NO. 88-7668	8.985	0.098	8.887	N/A	N/A	N/A	29-23-201-009	



- IRON PIPE FOUND ● IRON PIPE SET
- T1 THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE TP FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY DISK POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)
THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTION 23, TOWNSHIP 36 NORTH, AND RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.

ROBERT A. ROGINA
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



NOTE:
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION 18 + 600.000 TO STATION 18 + 800.000
SCALE: 1:500 SHEET: 29A OF 63A

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REV. DATE	REVISION	BY
10/22/02	PER IDOT REVIEW / ADDED COORDINATE POSITION NUMBERS	RPH/JAK
08/07/02	NAME CHANGE PARCEL OED0249 PER TITLE REPORT	MHG/JAK
06/17/02	PER IDOT REVIEW	MHG/JAK
		BLF/JAK

BY	DATE

R.O.W. PLAT	NOTEBOOK NO.

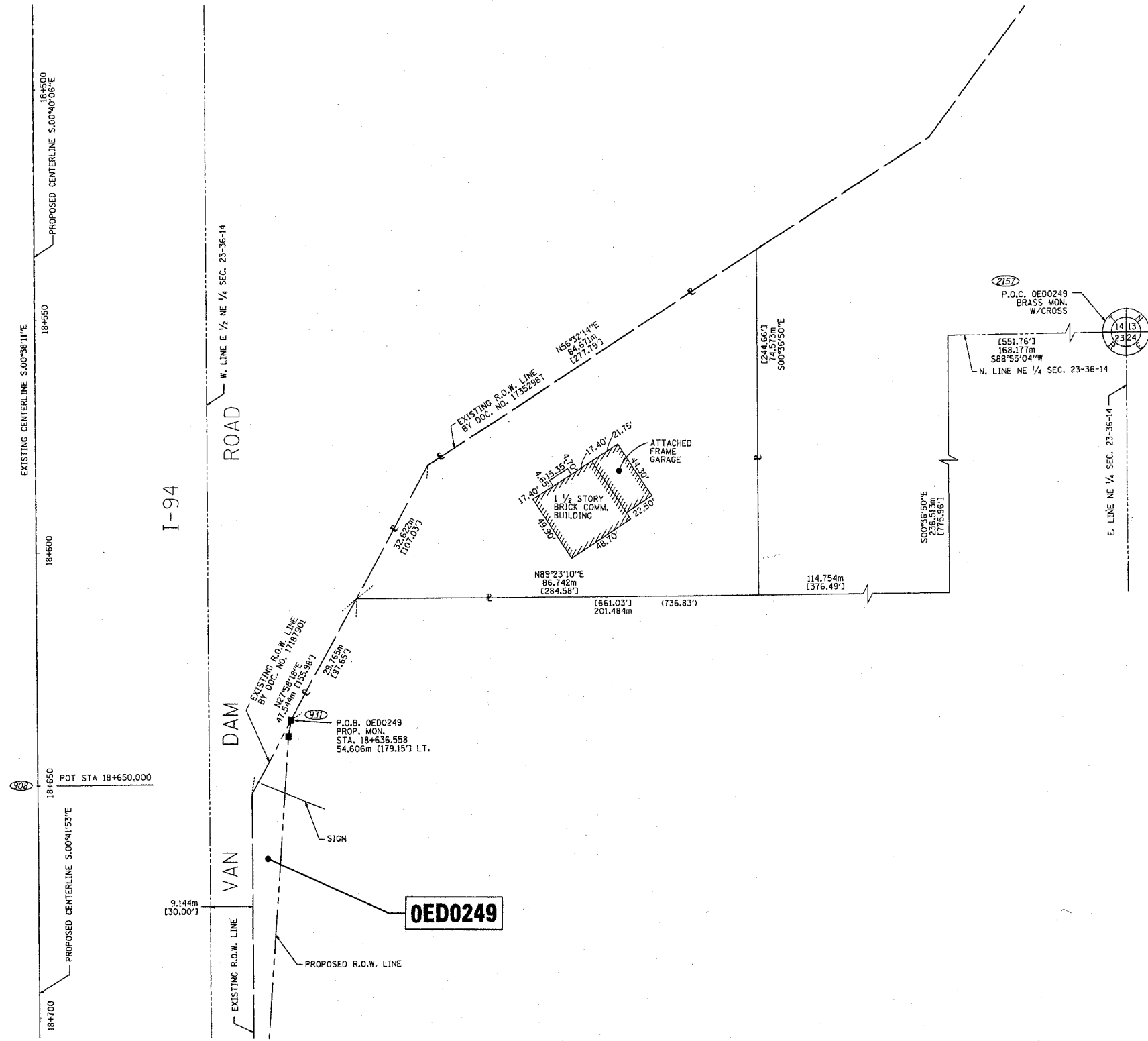
/DGN/IDOT/123-0801/600-29A.DGN

PART of the NORTHEAST QUARTER of SECTION 23, T36N., R14E., of the 3rd. P.M. COOK COUNTY, ILLINOIS

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- COORDINATE POSITION NUMBER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED ENGLISH DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- METRIC DIMENSION
- CUT CROSS FOUND OR SET
- EXISTING BUILDING
- IRON PIPE FOUND
- IRON PIPE SET
- THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE TP FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY DISK POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

BY	DATE



STATE OF ILLINOIS)
) SS
COUNTY OF WILL)
THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTION 23, TOWNSHIP 36 NORTH, AND RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.
Robert A. Rogina
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



NOTE:
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION 18 + 550.000 TO STATION 18 + 620.000
SCALE: 1:500 SHEET: 30A OF 63A

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REV. DATE	REVISION	BLF/JAK
10/22/02	PER IDOT REVIEW	RPH/JAK
06/17/02	PER IDOT REVIEW	MHG/JAK
3/29/02	PER TITLE POLICY	BLF/JAK

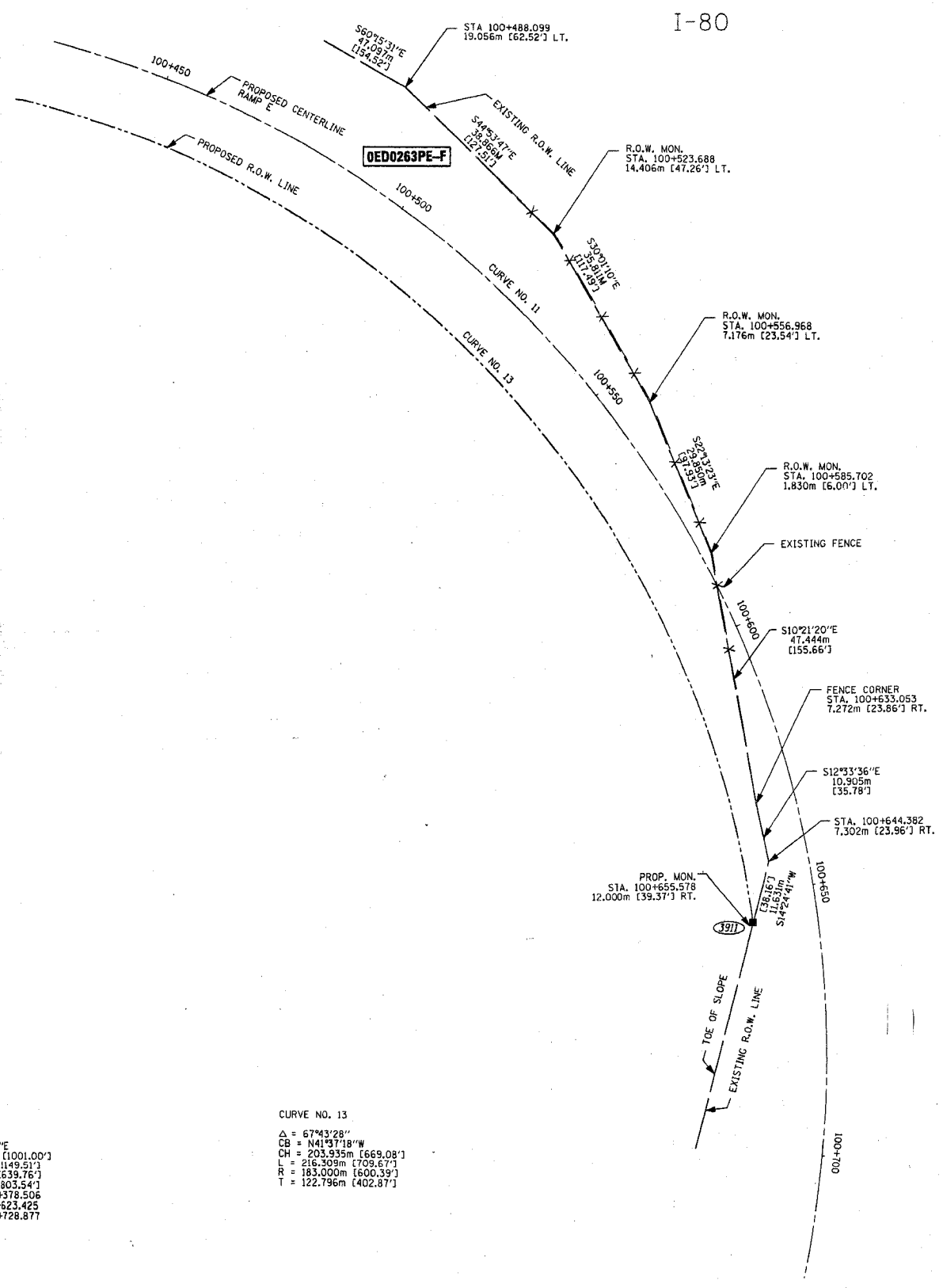
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PART of the SOUTHEAST QUARTER of SECTION 26, T36N., R14E., of the 3rd. P.M. COOK COUNTY, ILLINOIS

BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

CURVE NO. 11
 $\Delta = 102^{\circ}56'51''$
 $CB = 537^{\circ}41'46''E$
 $CH = 305.106m [1001.00']$
 $L = 350.371m [1149.51']$
 $R = 195.000m [639.76']$
 $T = 244.919m [803.54']$
 $PC = STA. 100+378.506$
 $PI = STA. 100+623.425$
 $PT = STA. 100+728.877$

CURVE NO. 13
 $\Delta = 67^{\circ}43'29''$
 $CB = N41^{\circ}37'18''W$
 $CH = 203.935m [669.08']$
 $L = 216.309m [709.67']$
 $R = 183.000m [600.39']$
 $T = 122.796m [402.81']$



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- COORDINATE POSITION NUMBER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- (129.32) MEASURED ENGLISH DIMENSION
- (129.32) COMPUTED DIMENSION
- (129.32) RECORDED DIMENSION
- 129.32m METRIC DIMENSION
- + CUT CROSS FOUND OR SET
- EXISTING BUILDING
- IRON PIPE FOUND
- IRON PIPE SET
- T1 THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE TP FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY DISK POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
)
 COUNTY OF WILL)
)
 THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTION 26, TOWNSHIP 36 NORTH, AND RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.

 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



NOTE:
 BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83



PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAI - 180/94

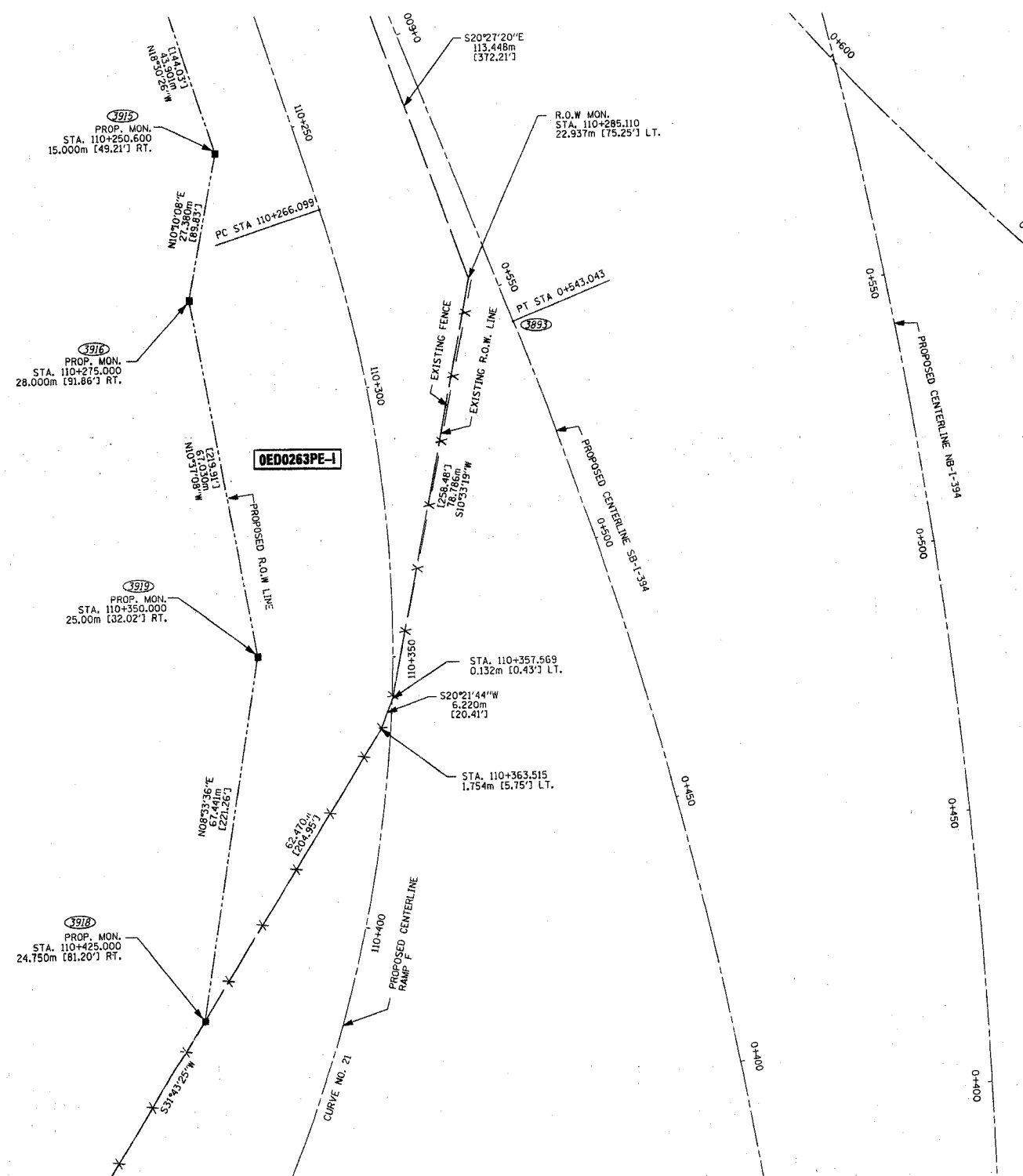
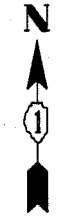
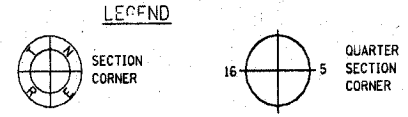
SECTION: COOK COUNTY
 PROJECT: JOB NO. R-90-010-01
 STATION 100 + 420.000 TO STATION 100 + 700.000
 SCALE: 1:500 SHEET: 43A OF 63A

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

10/21/02	PER IDOT REVIEW / ADDED COORDINATE POSITION NUMBERS	RPH/JAK
06/17/02	PER IDOT REVIEW	MHG/JAK
4/30/02	PER IDOT REVIEW	BLF/JAK
REV. DATE	REVISION	BLF/JAK

DGM/IDOT/123-0801/SH1500-43A.DGN

PART of the NORTHEAST QUARTER of SECTION 26, T36N., R14E., of the 3rd. P.M. COOK COUNTY, ILLINOIS

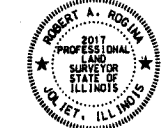


- (85) COORDINATE POSITION NUMBER
- SECTION LINE
- - - QUARTER SECTION LINE
- - - QUARTER, QUARTER SECTION LINE
- - - PROPOSED RIGHT OF WAY LINE
- - - PROPOSED EASEMENT
- - - EXISTING RIGHT OF WAY LINE
- - - CENTERLINE
- - - PLATTED LOT LINES
- - - PROPERTY (DEED) LINE
- - - APPARENT PROPERTY LINE
- (129.32) MEASURED ENGLISH DIMENSION
- (129.32 (COMP)) COMPUTED DIMENSION
- (129.32) RECORDED DIMENSION
- 129.322m METRIC DIMENSION
- + CUT CROSS FOUND OR SET
- [Hatched Box] EXISTING BUILDING
- IRON PIPE FOUND
- IRON PIPE SET
- T1 THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE TP FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY DISK POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
) ISS
COUNTY OF WILL)
THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTION 26, TOWNSHIP 36 NORTH, AND RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



NOTE:
BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION 110 + 200.000 TO STATION 110 + 430.000
SCALE: 1:500 SHEET: 49A OF 63A

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

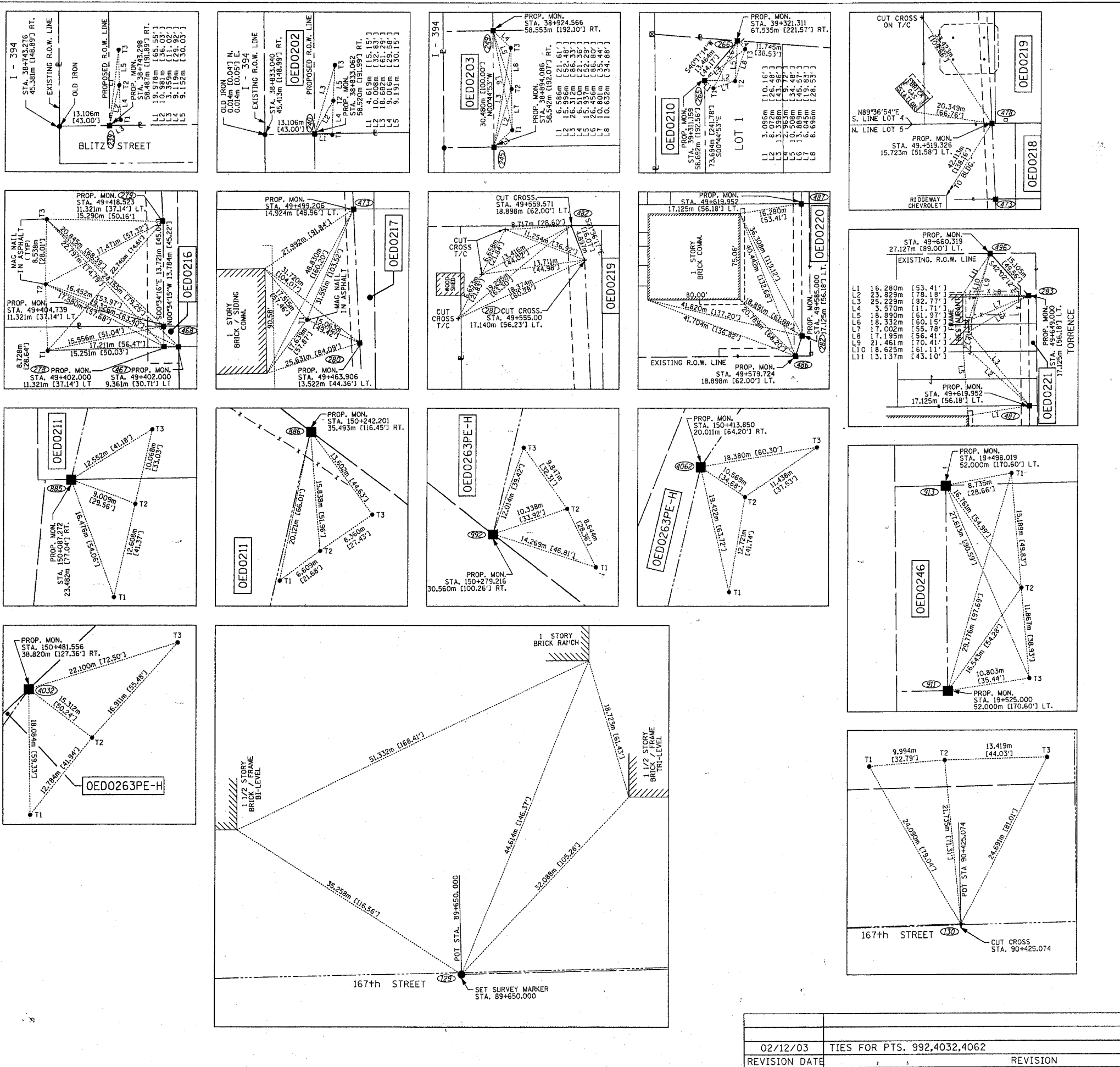
10/21/02	PER IDOT REVIEW / ADDED COORDINATE POSITION NUMBERS	RPH/JAK
6/17/02	PER IDOT REVIEW	MHG/JAK
4/30/02	PER IDOT REVIEW	BLF/JAK
REV. DATE	REVISION	DLF/JAK

CURVE NO. 21
Δ = 106°42'26"
CB = S.34°50'47"E
CH = 409.19m [1342.49']
L = 474.810m [1558.10']
R = 255.000m [836.61']
T = 342.778m [1124.60']
PC = STA 110+266.099
PT = STA 110+741.009

BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

DGN/IDOT/123-0801/DESIGN/SHT500-49A.DGN

DEPT. CELL 110,
2/21/11 AT REVISED JULY 27, 1994



LEGEND

- COORDINATE POSITION NUMBER
- SECTION LINE
- QUARTER SECTION LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED ENGLISH DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- METRIC DIMENSION
- CUT CROSS FOUND OR SET
- EXISTING BUILDING
- IRON PIPE FOUND
- IRON PIPE SET
- T1 THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE TP FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY DISK POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)
THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTIONS 23, 25, 26, 30 AND 35, TOWNSHIP 36 NORTH, AND RANGE 14 & 15 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION + TO STATION +
SCALE: 1:500 SHEET: 50A OF 63A

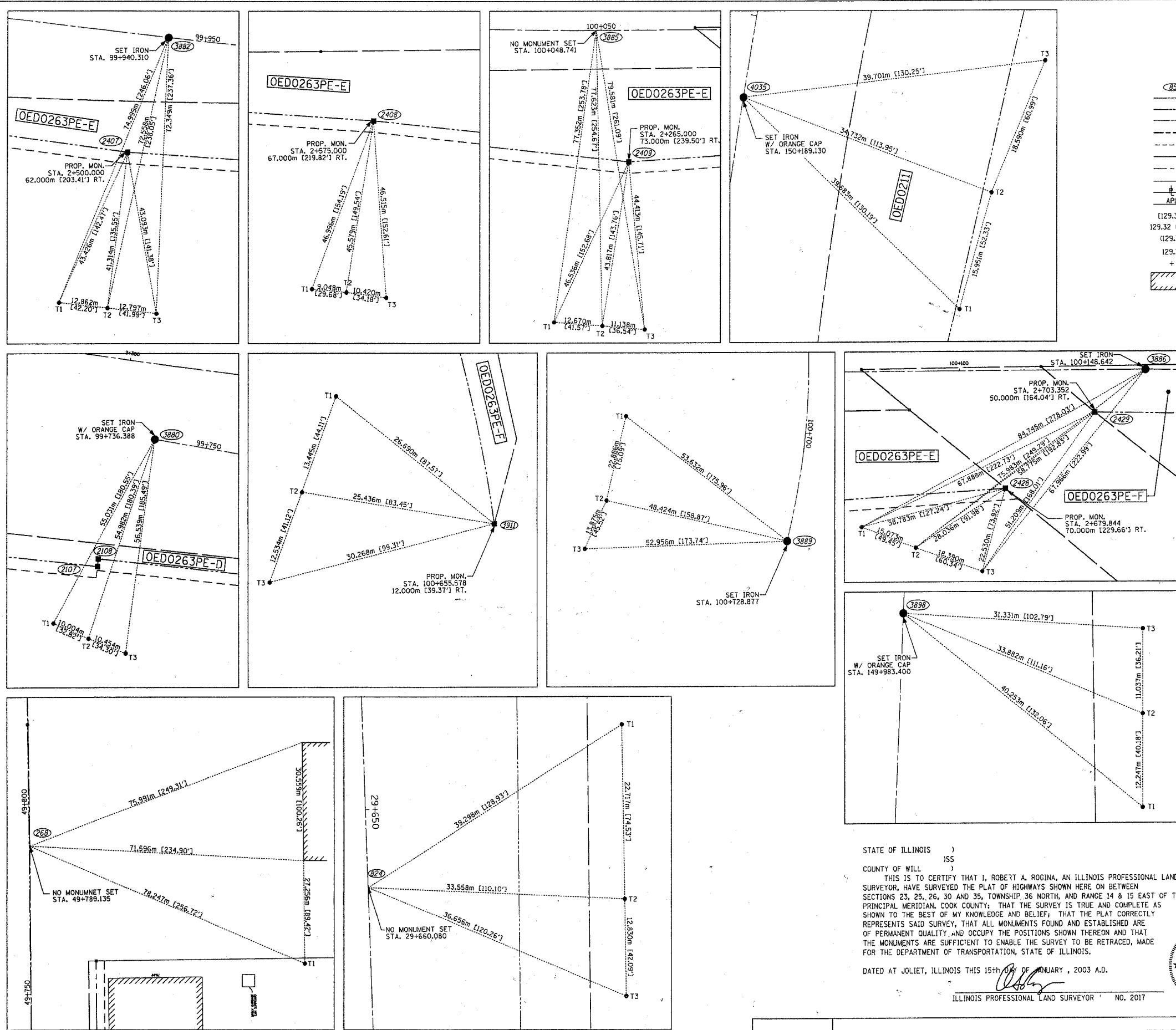
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

BY	DATE

R.O.W. PLAT	NOTEBOOK NO.

REVISION DATE	REVISION	MADE BY
02/12/03	TIES FOR PTS. 992,4032,4062	RPH/JAK

REVISED JULY 27, 1994



LEGEND

- BS COORDINATE POSITION NUMBER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- - - PROPOSED RIGHT OF WAY LINE
- - - PROPOSED EASEMENT
- - - EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (OED) LINE
- APPARENT PROPERTY LINE
- (129.32) MEASURED ENGLISH DIMENSION
- 129.32 (COMP) COMPUTED DIMENSION
- (129.32) RECORDED DIMENSION
- 129.322m METRIC DIMENSION
- + CUT CROSS FOUND OR SET
- ▨ EXISTING BUILDING
- IRON PIPE FOUND
- IRON PIPE SET
- T1 THESE STAKES REFERENCE FOUND MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
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- RIGHT OF WAY STAKING PROPOSED TO BE SET.

BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

PREPARED BY: **ROGINA & ASSOCIATES, LTD.**
32 Corporation Drive, Joliet, Illinois 61779-0111 FAX 815/729-0182

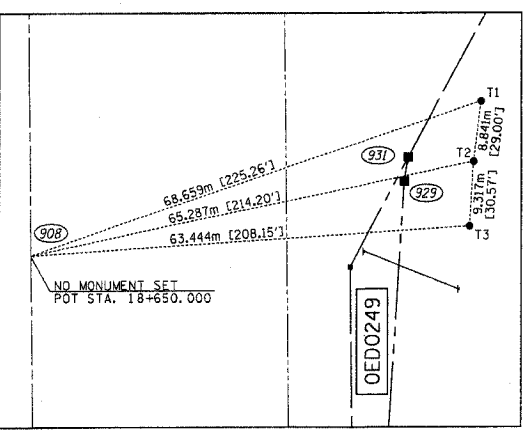
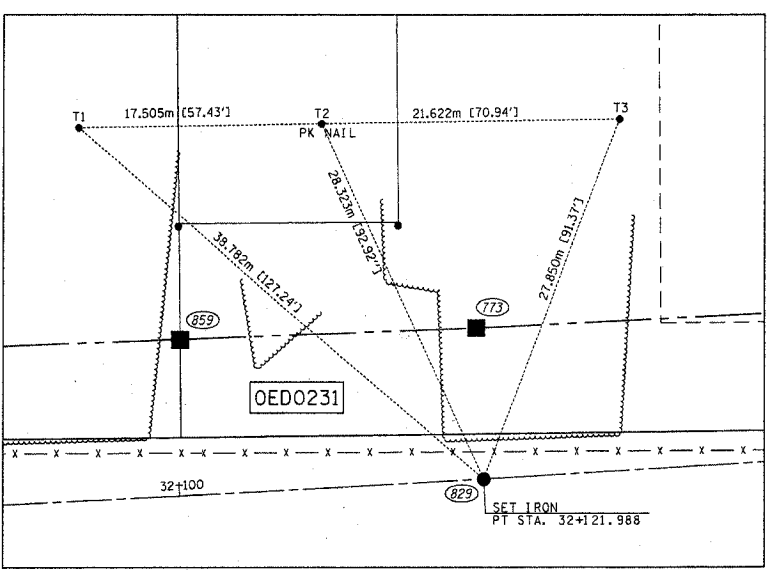
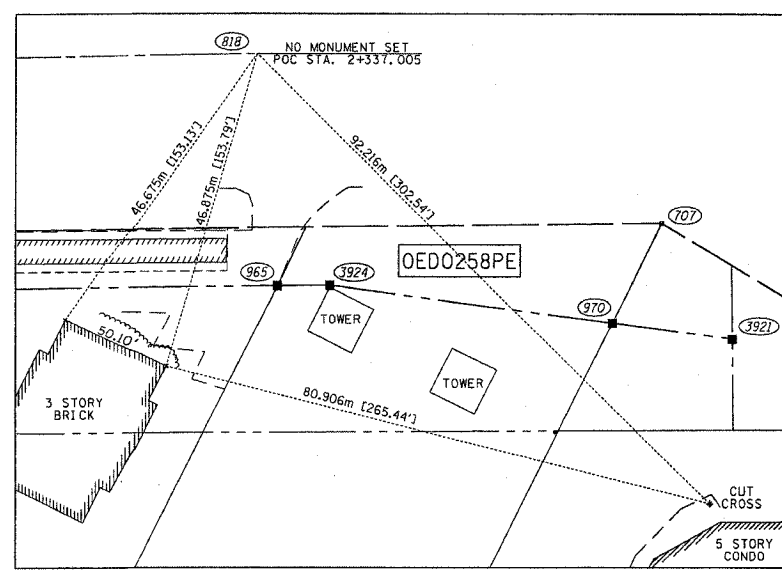
STATE OF ILLINOIS)
) SS
COUNTY OF WILL)
THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTIONS 23, 25, 26, 30 AND 35, TOWNSHIP 36 NORTH, AND RANGE 14 & 15 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.
ROBERT A. ROGINA
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94
SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION + . TO STATION + .
SCALE: 1:500 SHEET: 57A OF 63A

REVISION DATE	REVISION	MADE BY
02/12/03	REVISE TIES FOR POINT 4035	RPH/JAK
01/22/03	ADDED TIES FOR POINT 2428	RPH/JAK

DCN/SPEC; DCM/IDOT/123-0801/TIE500-11.DGN

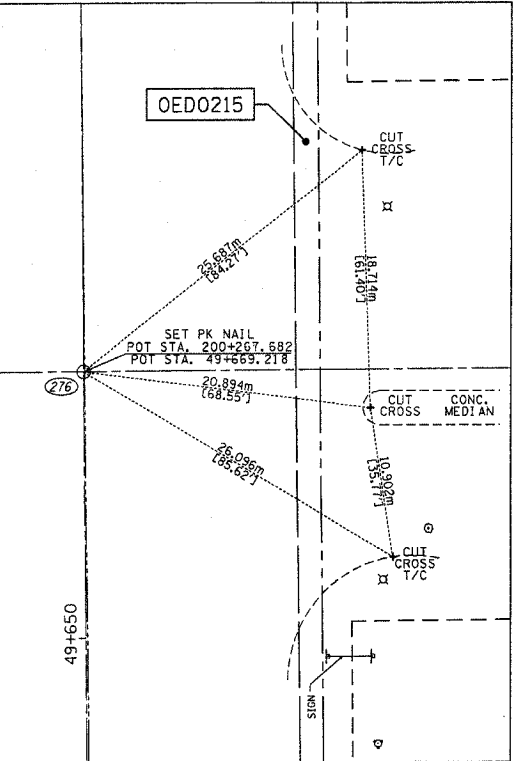
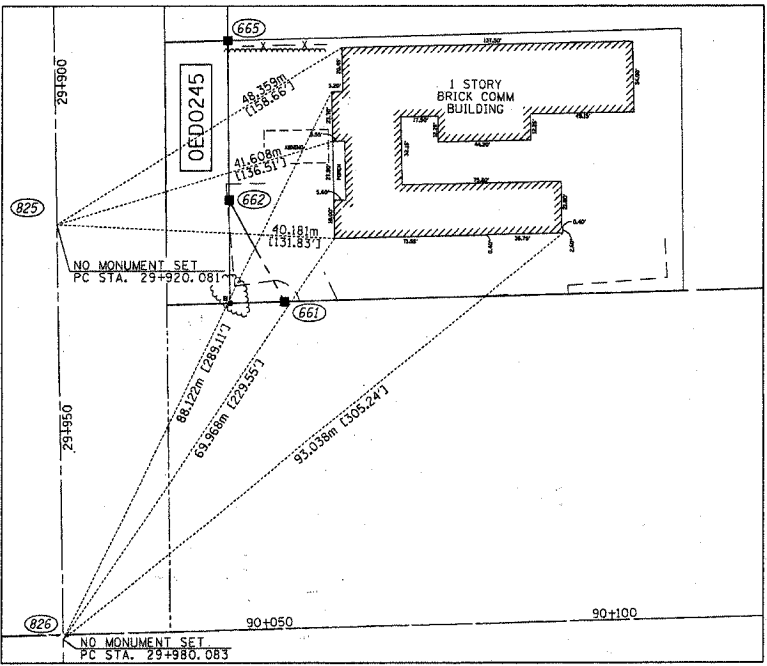
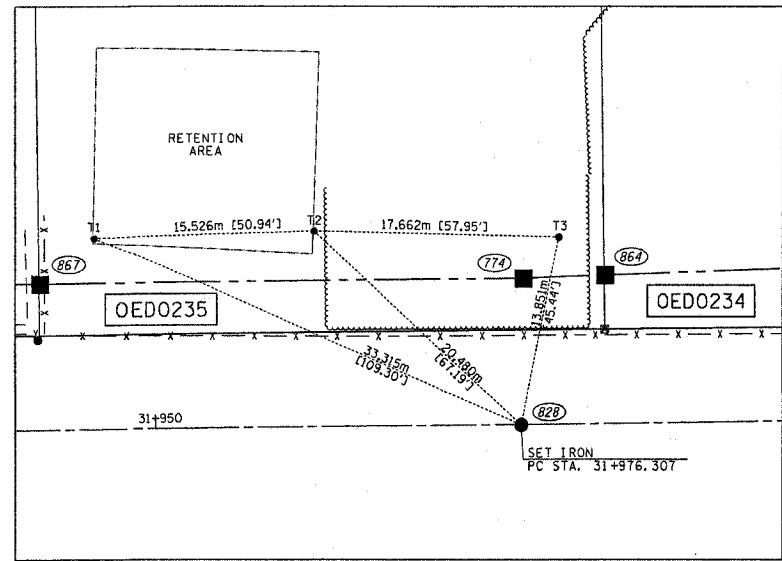


LEGEND

- COORDINATE POSITION NUMBER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
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- COMPUTED DIMENSION
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- CUT CROSS FOUND OR SET
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- RIGHT OF WAY STAKING PROPOSED TO BE SET.

SECTION CORNER 16 5 QUARTER SECTION CORNER

STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

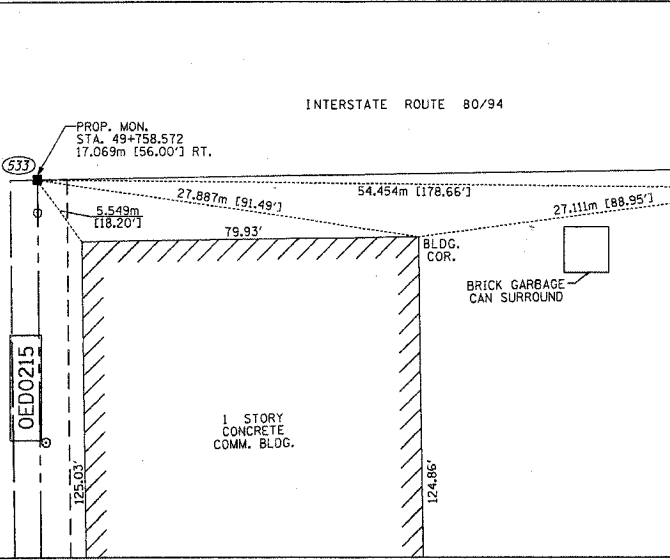
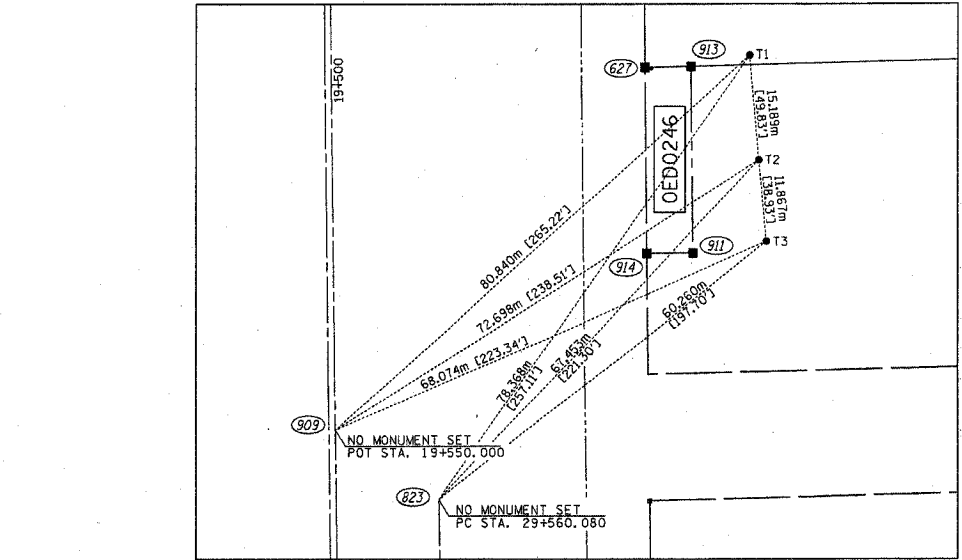
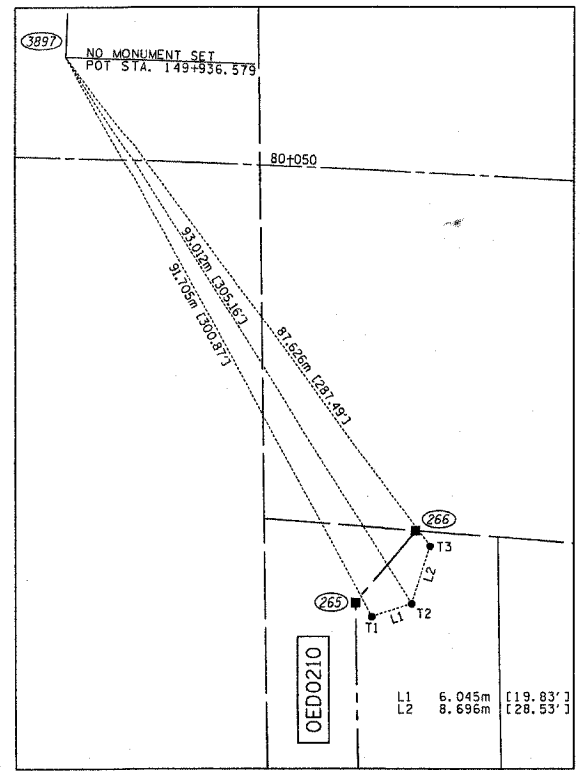


STATE OF ILLINOIS)
)SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTIONS 23, 25, 26, 30 AND 35, TOWNSHIP 36 NORTH, AND RANGE 14 & 15 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.

Robert A. Rogina
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-01
STATION + TO STATION +
SCALE: 1:500 SHEET: 60A OF 63A

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

BY	DATE
R.O.W. PLAT	NOTEBOOK NO.

DCN-SPEC. /DGN/ID07123-0801/TIE500-09.DGN

REVISION DATE	REVISION	MADE BY

Table with columns: PT NO, NORTHING (m), EASTING (m), NORTHING (m), EASTING (m), DESCRIPTION. Contains survey data for various points and descriptions like 'OLD PIPE', 'R.O.W. CORNER', 'SECTION CORNER', etc.

Table with columns: PT NO, NORTHING (m), EASTING (m), NORTHING (m), EASTING (m), DESCRIPTION. Contains survey data for various points and descriptions like 'R.O.W. CORNER', 'SECTION CORNER', 'PROPERTY CORNER', etc.

Table with columns: PT NO, NORTHING (m), EASTING (m), NORTHING (m), EASTING (m), DESCRIPTION. Contains survey data for various points and descriptions like 'R.O.W. CORNER', 'SECTION CORNER', 'PROPERTY CORNER', etc.

Table with columns: PT NO, NORTHING (m), EASTING (m), NORTHING (m), EASTING (m), DESCRIPTION. Contains survey data for various points and descriptions like 'R.O.W. CORNER', 'SECTION CORNER', 'PROPERTY CORNER', etc.

Table with columns: R.O.W. PLAT, DATE, NOTED. Contains administrative information.

DCN-SPEC: /DCN/DOIT/123-0801/TIESD0-TABDATA.DGN

RECORDED / DATE DOCUMENT NO.

REVISION DATE REVISION

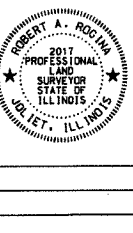
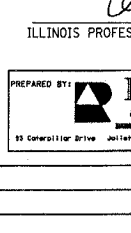
ROUTE I-80/94 SEC. COUNTY COOK JOB NO. R-90-010-1

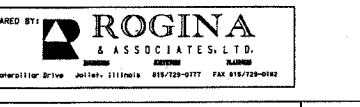
MADE BY

STATE OF ILLINOIS)
) SS
COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, ROBERT A. ROGINA, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HERE ON BETWEEN SECTIONS 23, 25, 26, 30 AND 35, TOWNSHIP 36 NORTH, AND RANGE 14 & 15 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 15th DAY OF JANUARY, 2003 A.D.



ROBERT A. ROGINA
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2017

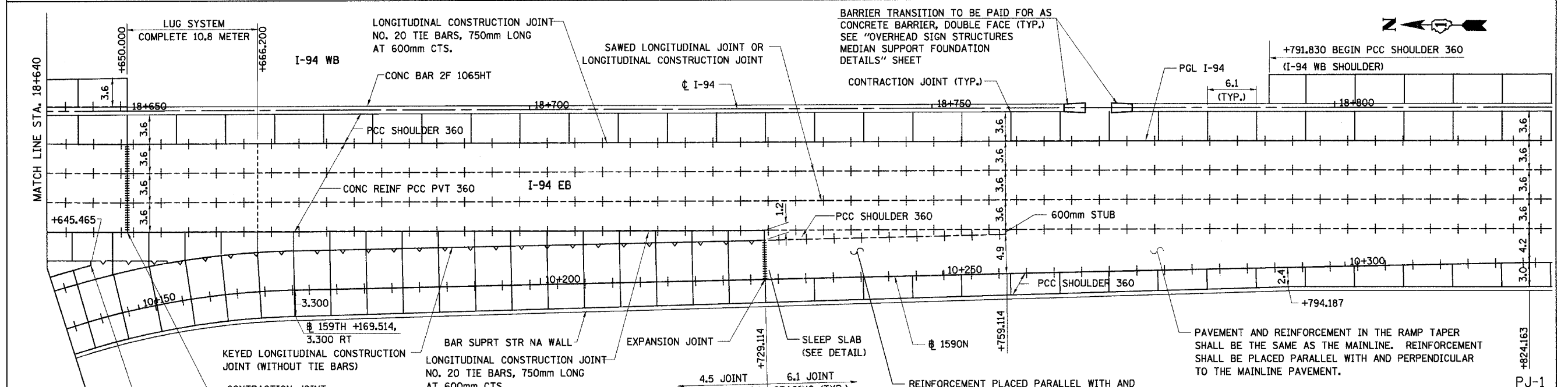
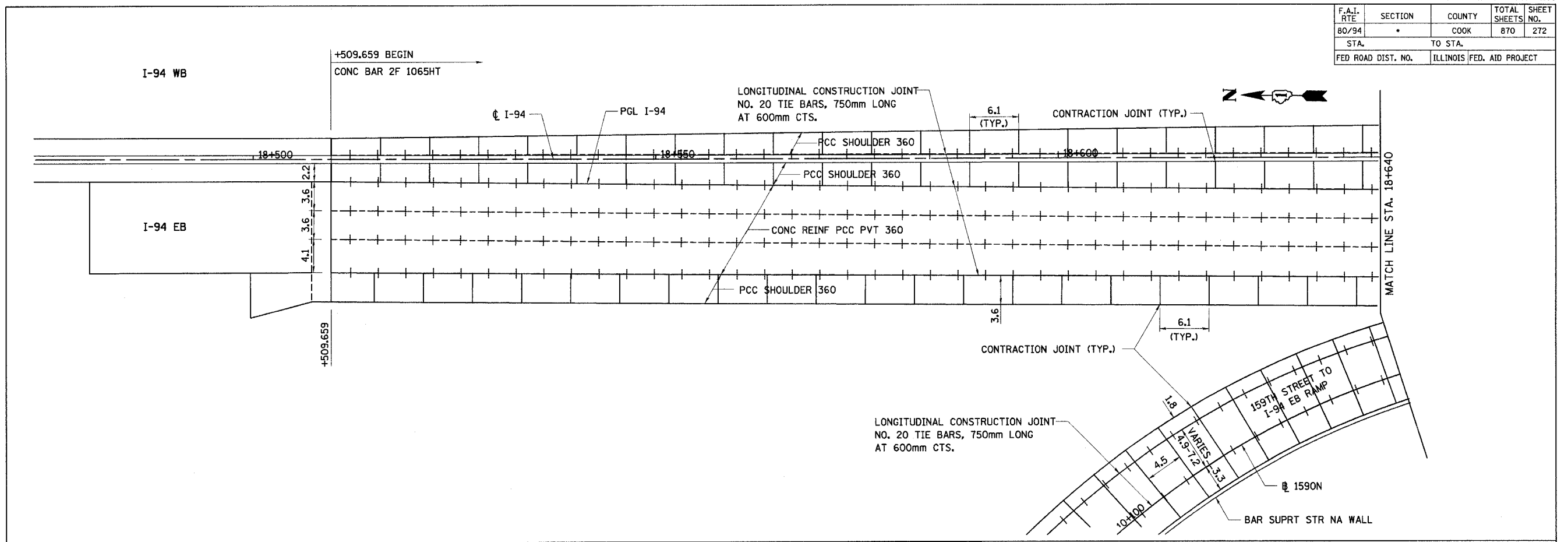
PREPARED BY: 
18 Compiler Drive Joliet, Illinois 61728-0777 FAX 815/728-0392

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAI - 180/94

SECTION: COOK COUNTY
PROJECT: JOB NO. R-90-010-1
STATION + TO STATION +
SCALE: 1:500 SHEET: 63A OF 63A

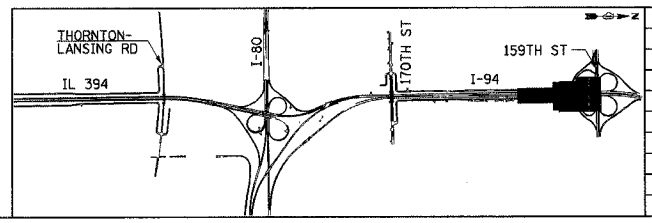
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	272
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTES:

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON STANDARD 420001 AND PCC SHOULDER DETAIL.
3. ALL STATIONING OFF ϕ I-94 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

PAVEMENT JOINTING PLAN
I-94 EB / 159TH STREET EB
TO I-94 EB RAMP

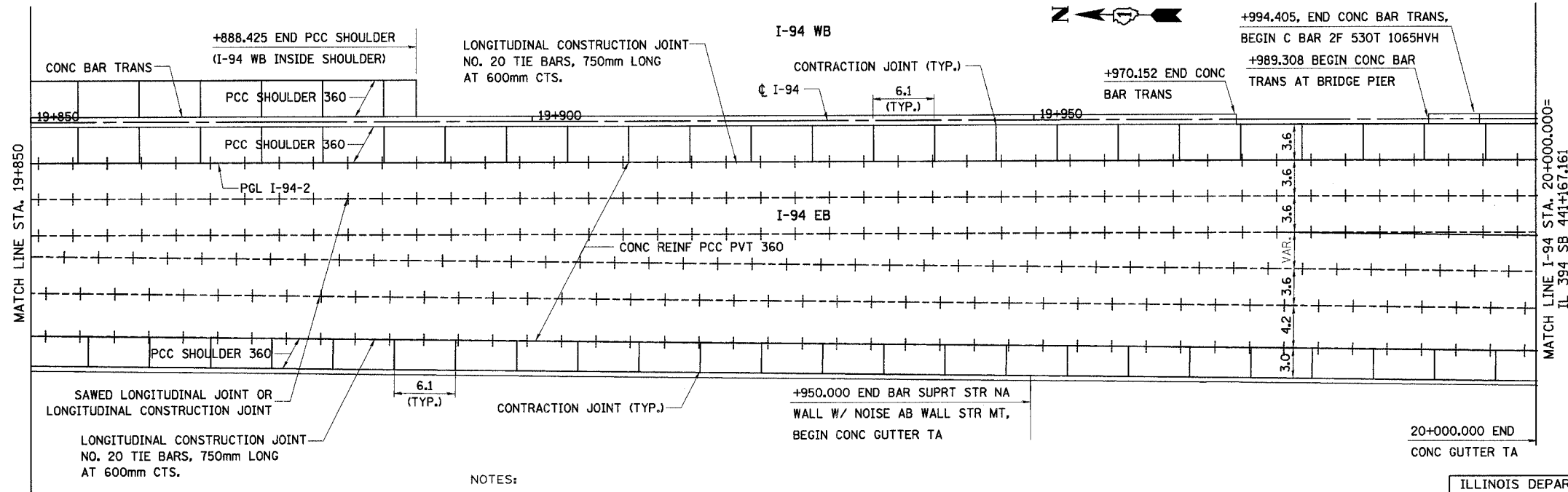
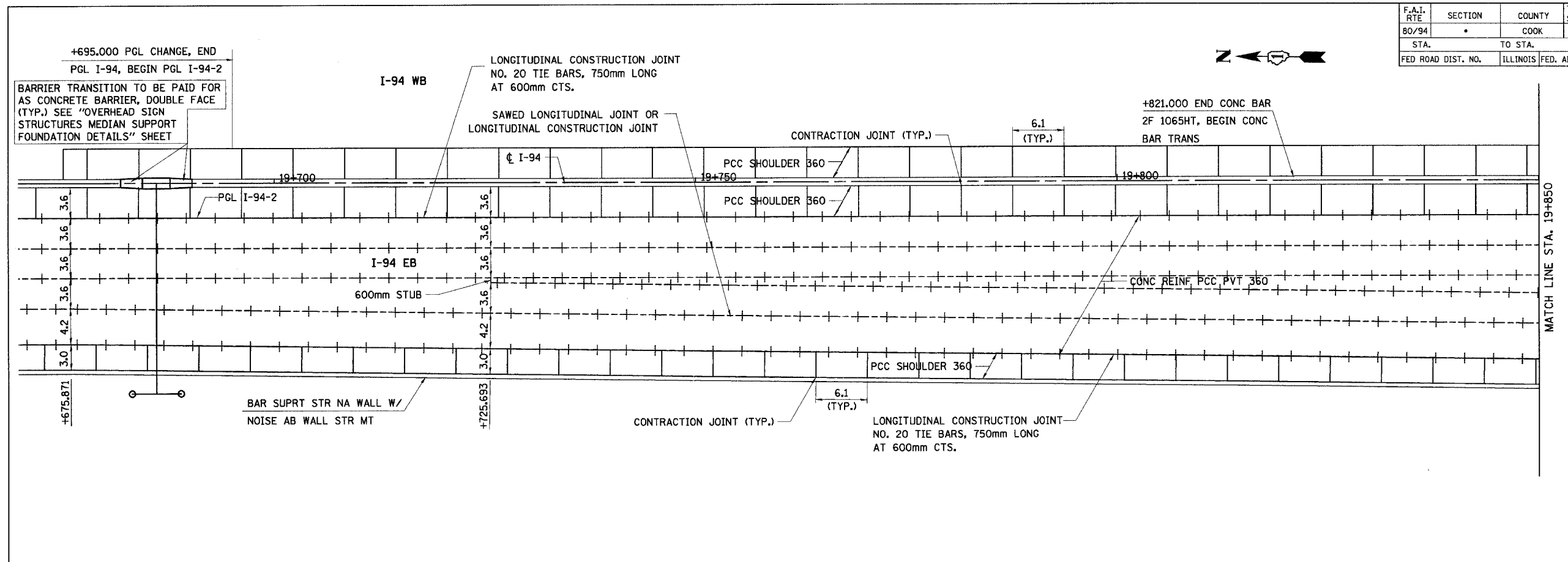
HORIZ SCALE: 1:250
VERT SCALE: 1:250
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

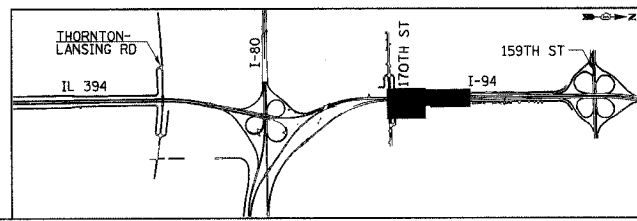
PJ-1

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	273
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON STANDARD 420001 AND PCC SHOULDER DETAIL.
 3. ALL STATIONING OFF ϕ I-94 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

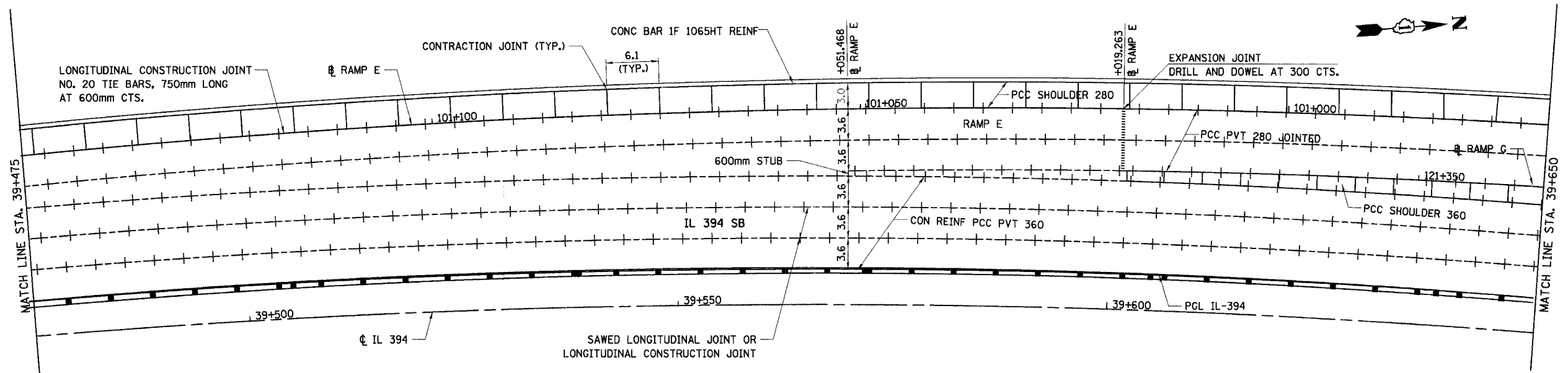
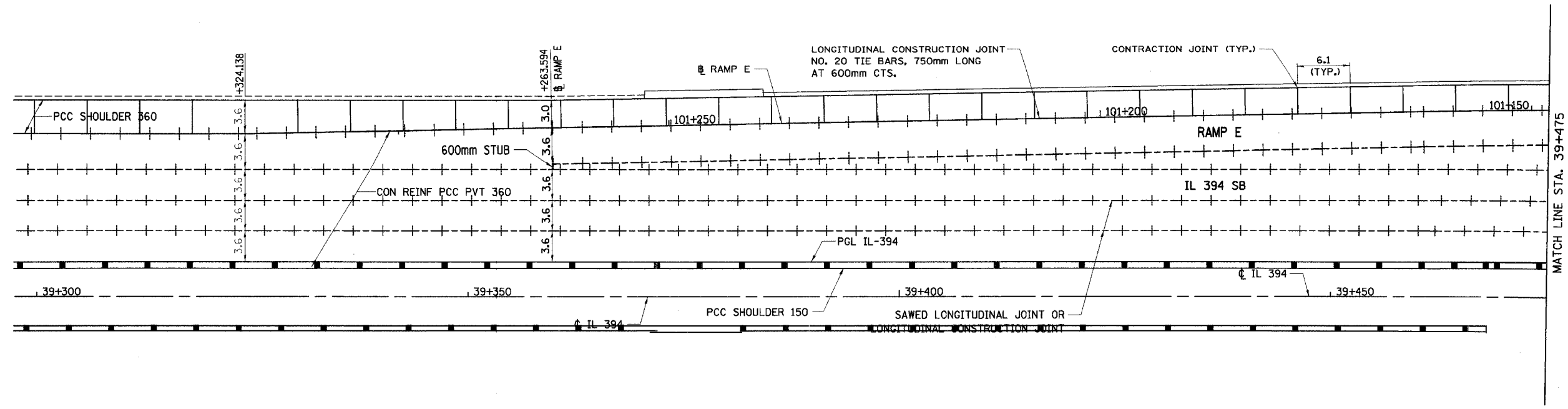
PAVEMENT JOINTING PLAN
I-94 EB

HORIZ SCALE: 1:250
VERT SCALE:
DATE: JULY 18, 2005

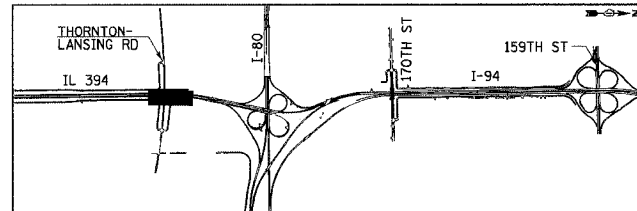
DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	274
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON STANDARD 420001 AND PCC SHOULDER DETAIL.
 3. ALL STATIONING OFF ϕ IL 394 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

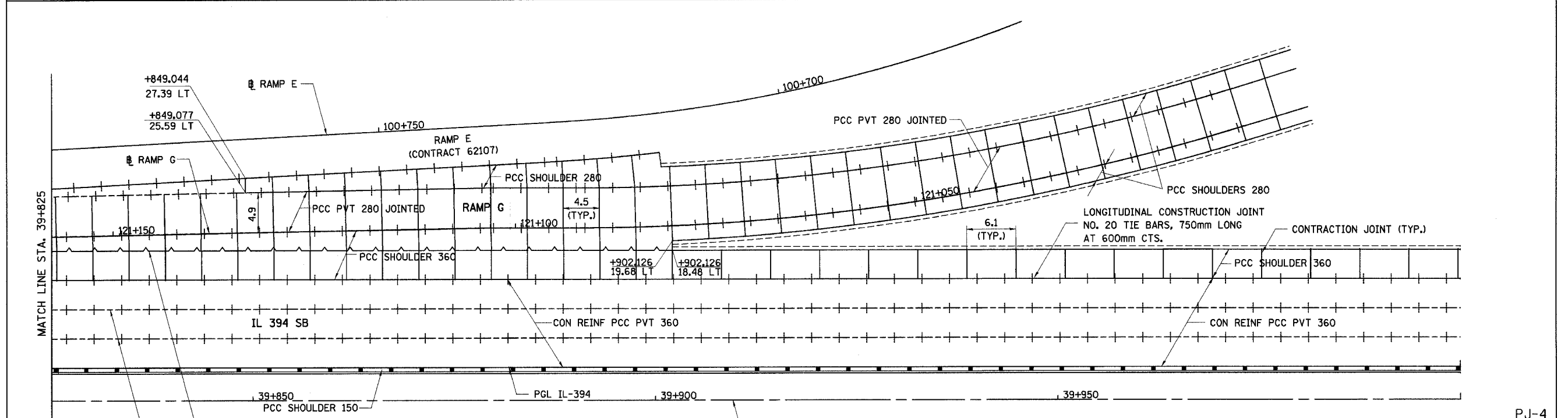
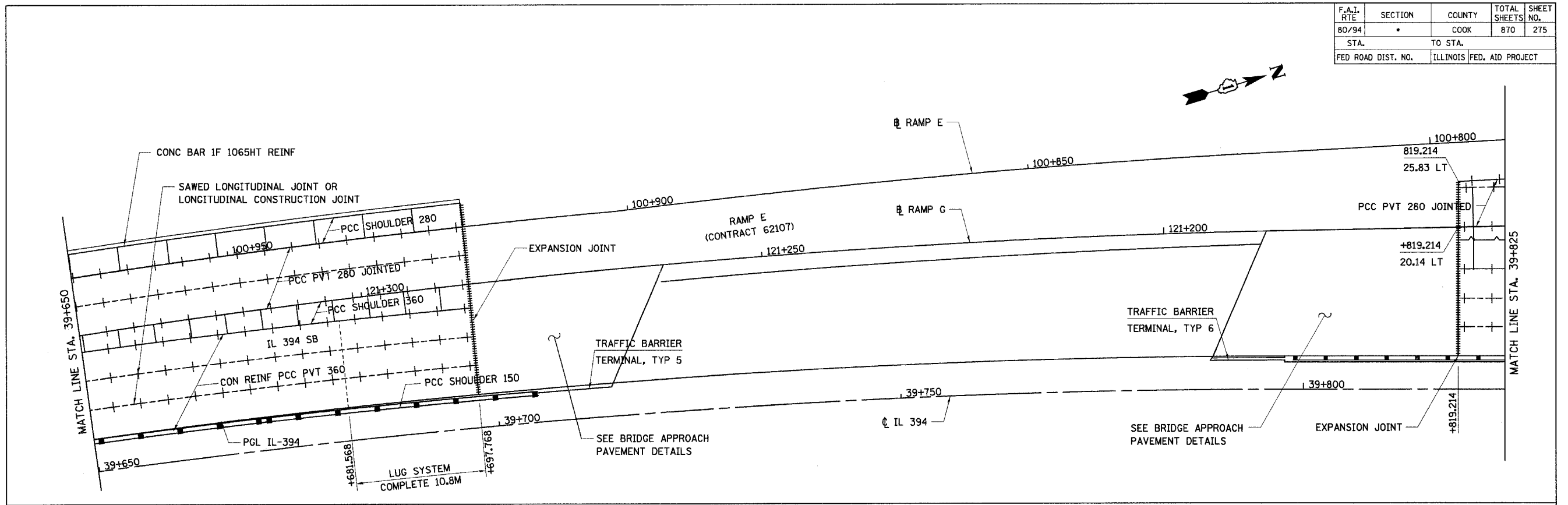
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

PAVEMENT JOINTING PLAN
IL 394 SB / RAMP E

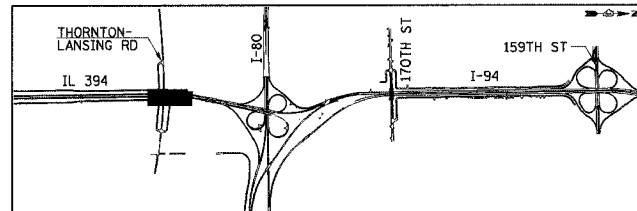
HORIZ SCALE: 1:250
VERT SCALE: 1:250
DATE: JULY 18, 2005
DRAWN BY: BJM/MAC
CHECKED BY: JES



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	275
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES:
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON STANDARD 420001 AND PCC SHOULDER DETAIL.
 - ALL STATIONING OFF ϕ IL 394 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

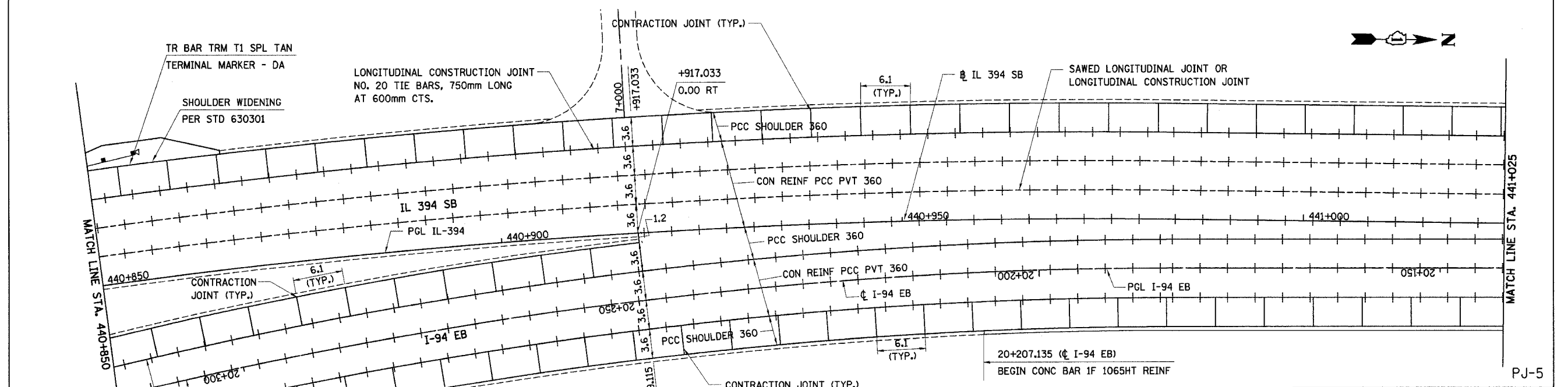
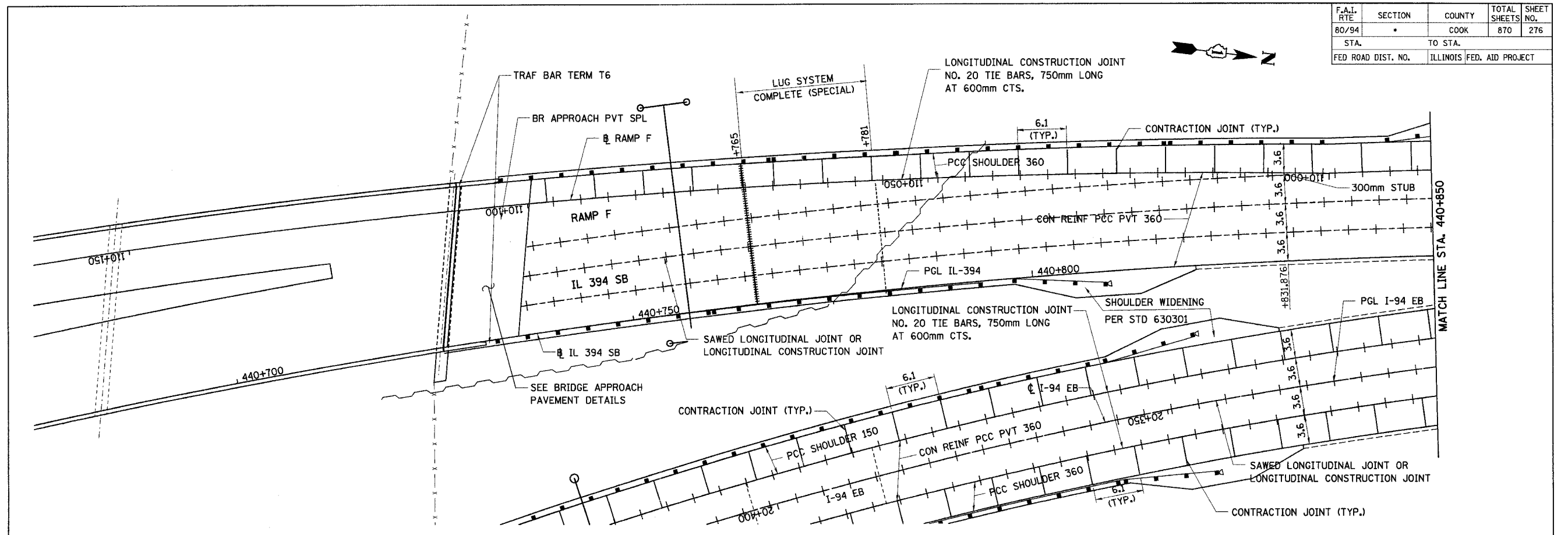
PAVEMENT JOINTING PLAN
IL 394 SB / RAMPS E & G

HORIZ SCALE: 1:250
VERT SCALE: 1:250
DATE: JULY 18, 2005

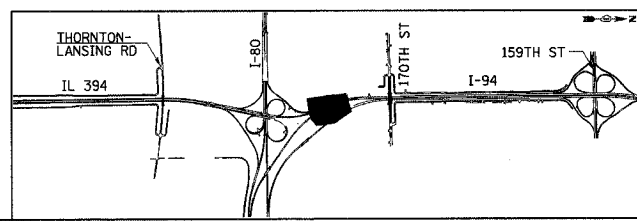
DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	276
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON STANDARD 420001 AND PCC SHOULDER DETAIL.
 3. ALL STATIONING OFF IL 394 SB UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

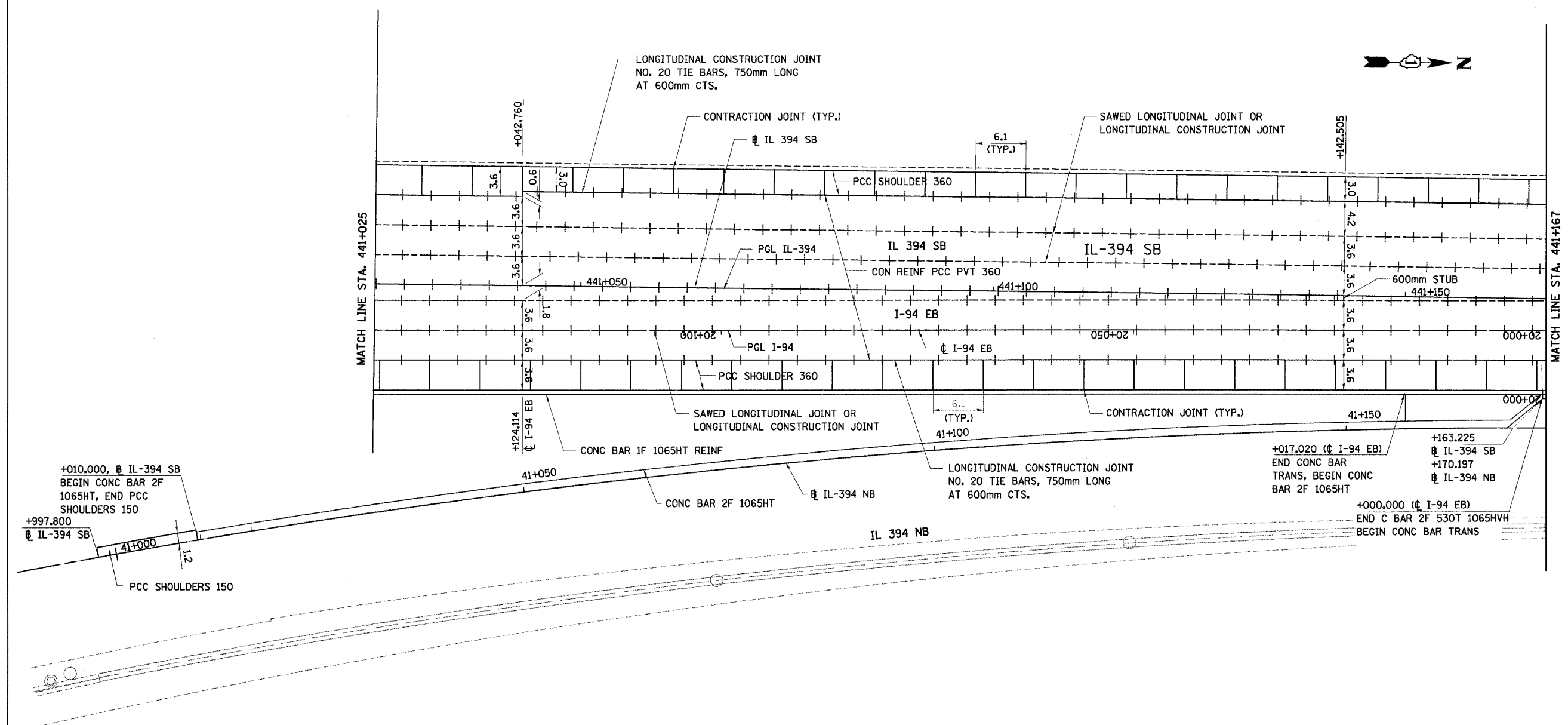
**PAVEMENT JOINTING PLAN
IL 394 SB / RAMP F**

HORIZ SCALE: 1:250
VERT SCALE: 1:250
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB

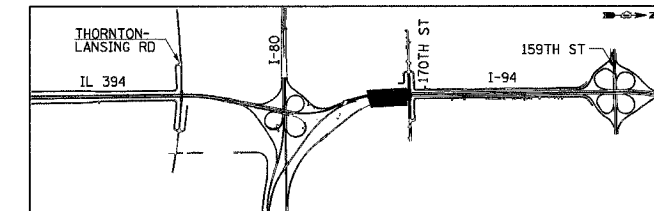
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	277
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



+010.000, IL-394 SB
 BEGIN CONC BAR 2F
 1065HT, END PCC
 SHOULDERS 150
 +997.800
 IL-394 SB
 41+000
 PCC SHOULDERS 150

+017.020 (I-94 EB)
 END CONC BAR
 TRANS, BEGIN CONC
 BAR 2F 1065HT
 +163.225
 IL-394 SB
 +170.197
 IL-394 NB
 +000.000 (I-94 EB)
 END C BAR 2F 530T 1065HVH
 BEGIN CONC BAR TRANS

- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON STANDARD 420001 AND PCC SHOULDER DETAIL.
 3. ALL STATIONING OFF CL IL 394 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

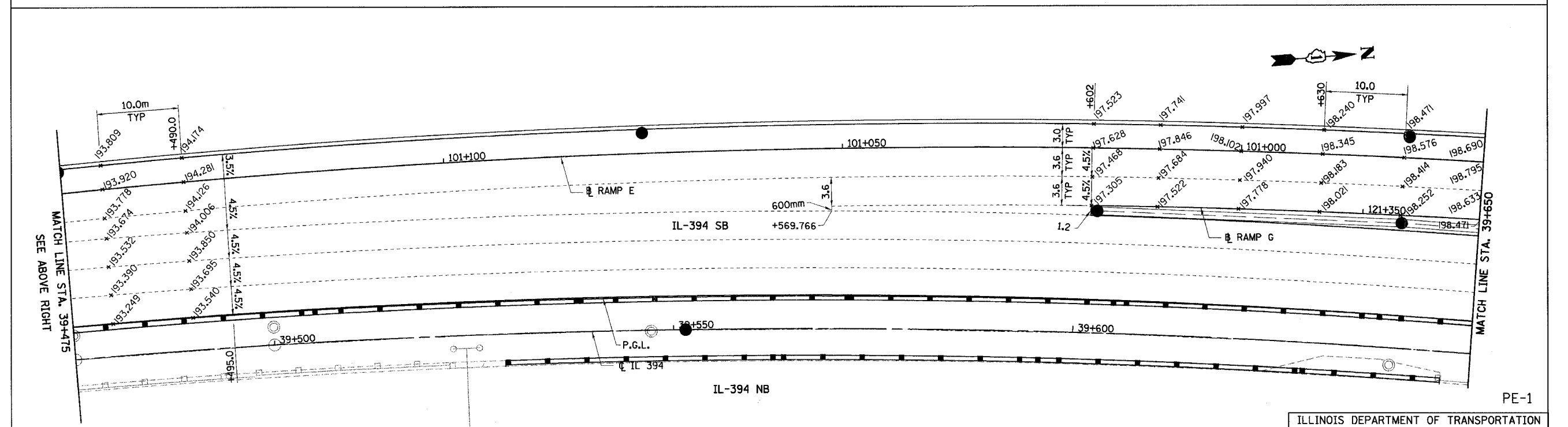
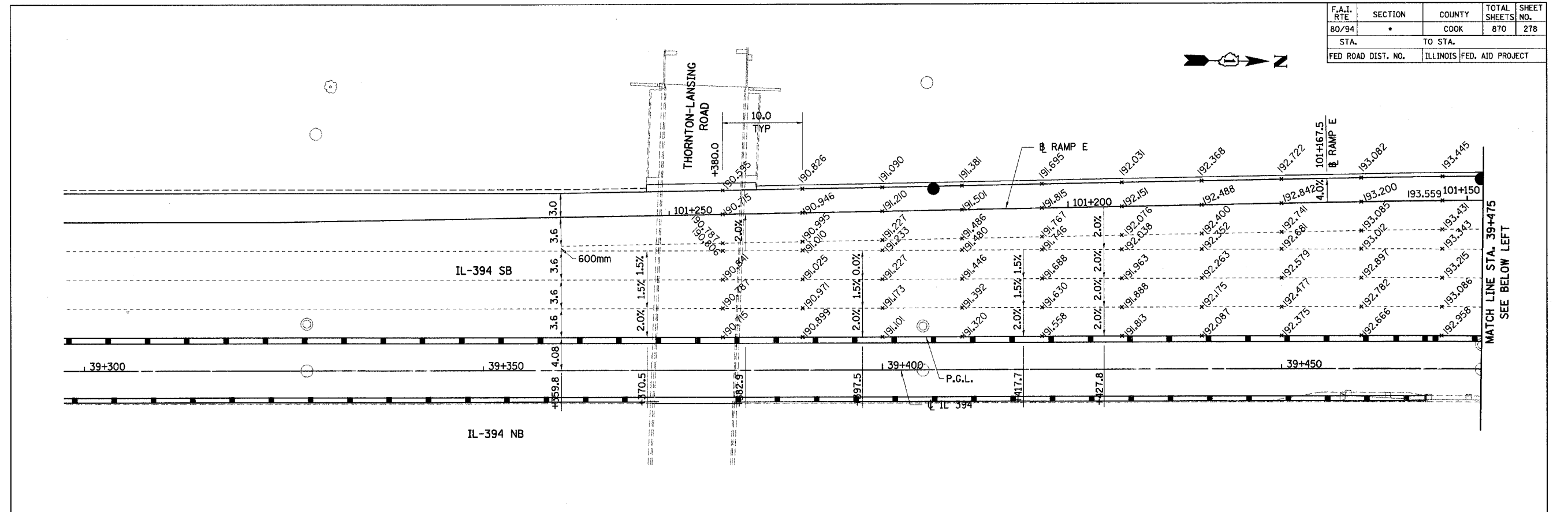
PAVEMENT JOINTING PLAN
 IL 394 SB / I-94 EB

HORIZ SCALE: 1:250
 VERT SCALE: 1:250
 DATE: JULY 18, 2005

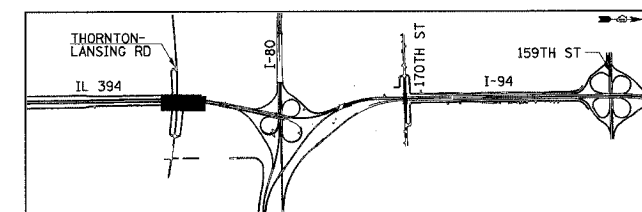
DRAWN BY: BJM/MAC
 CHECKED BY: JES



F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	278
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL STATIONING OFF ϕ IL 394 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

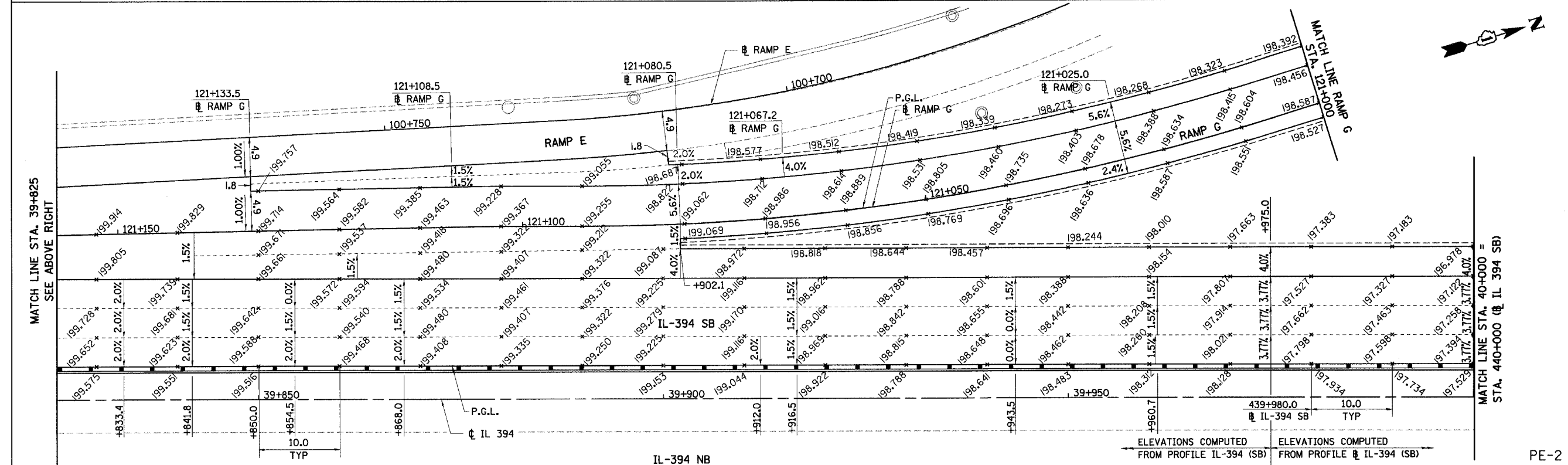
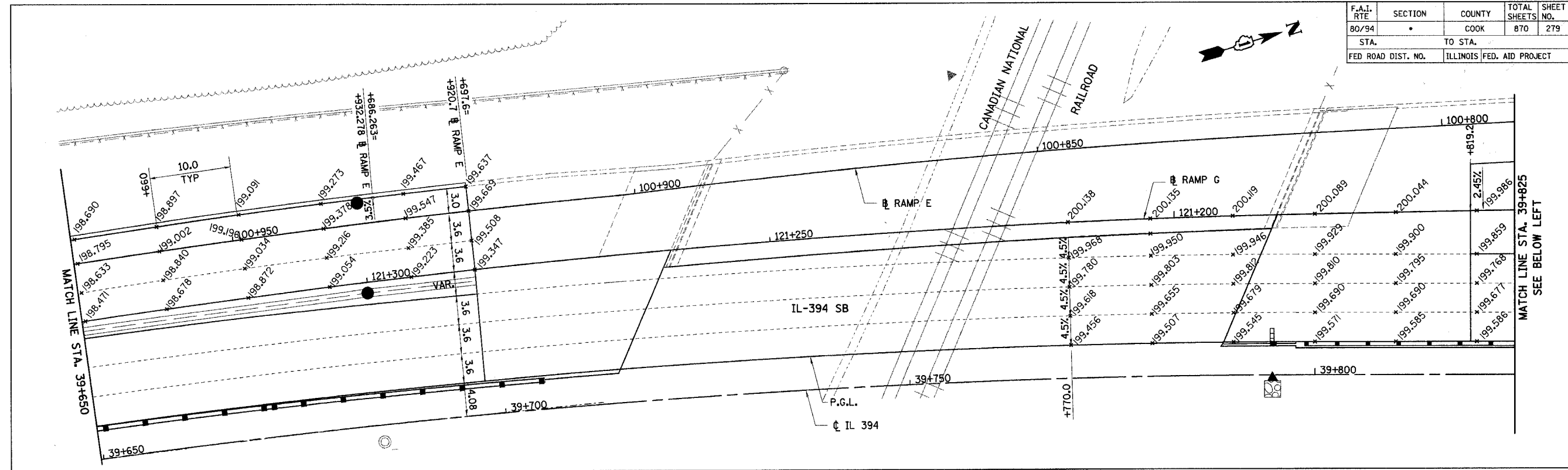
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

**PAVEMENT ELEVATIONS
IL 394 SB / RAMP E**

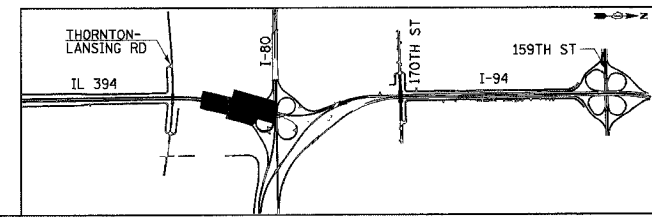
HORIZ SCALE: 1:250
VERT SCALE: 1:10
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB



- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL STATIONING OFF ϕ IL 394 UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

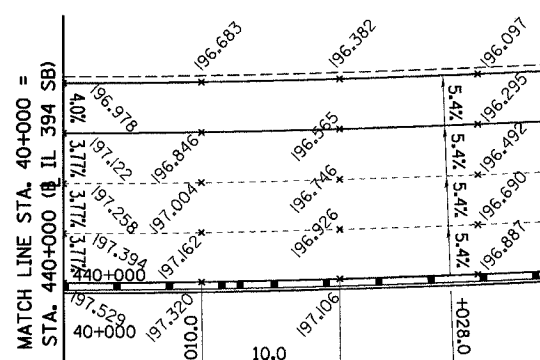
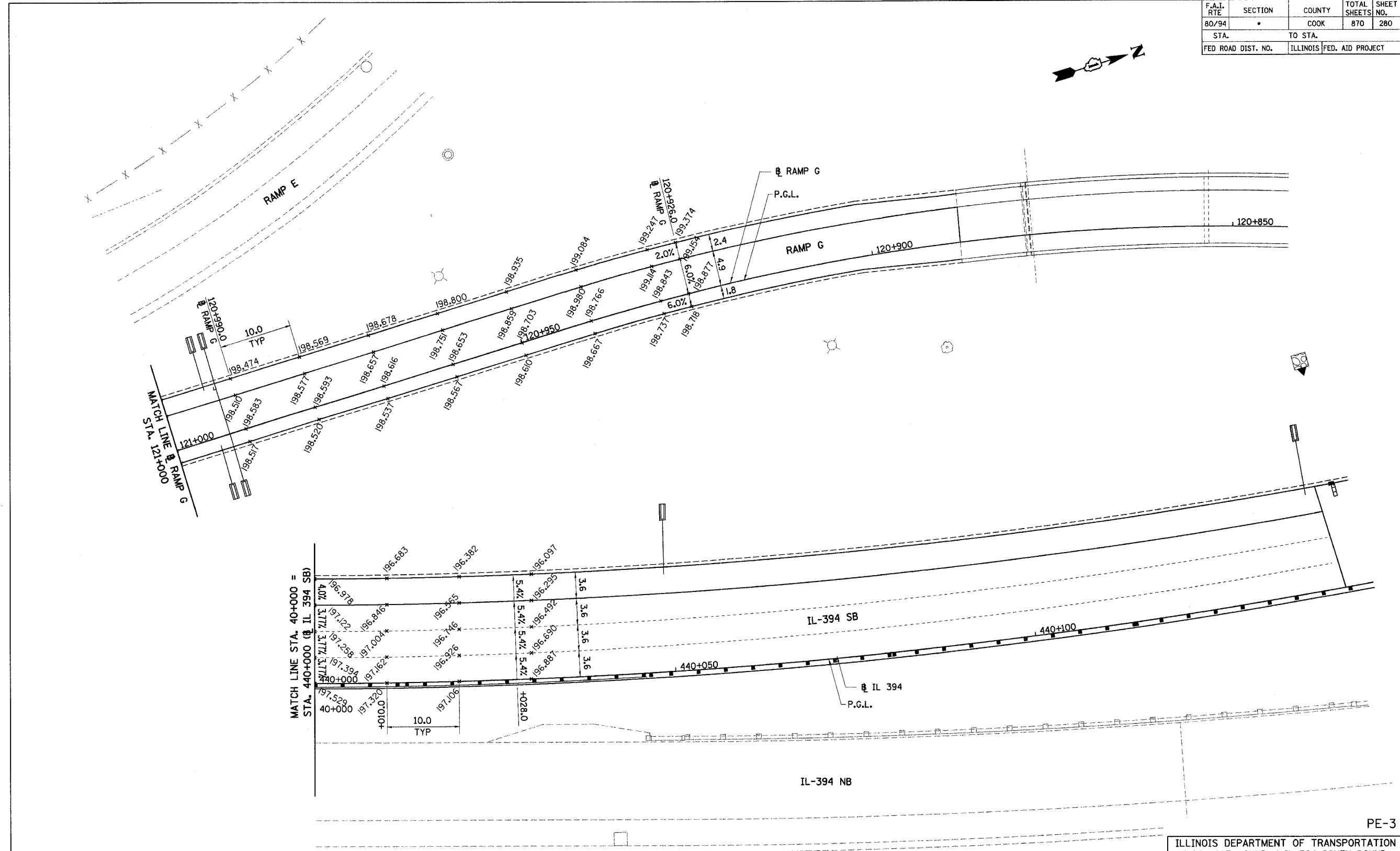
**PAVEMENT ELEVATIONS
IL 394 SB / RAMPS E & G**

HORIZ SCALE: 1:250
VERT SCALE: 1:10
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

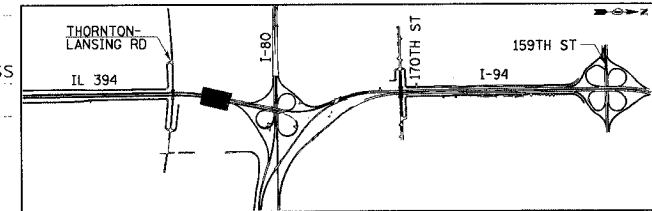
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	280
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL STATIONING OFF IL 394 SB UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

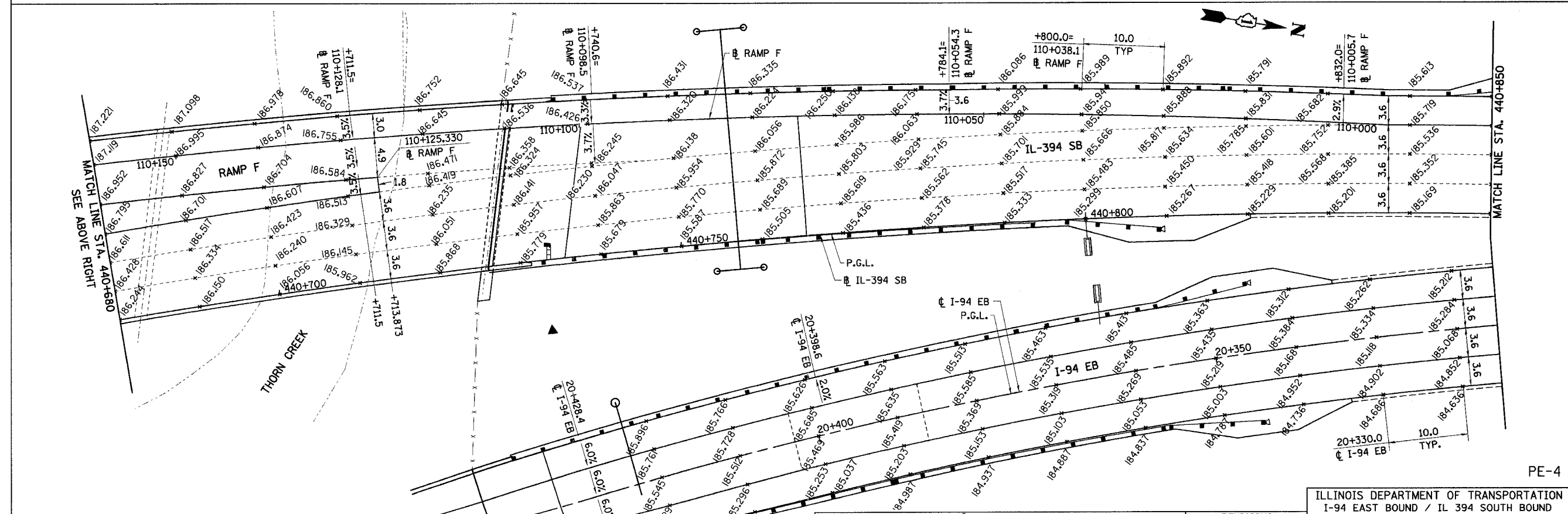
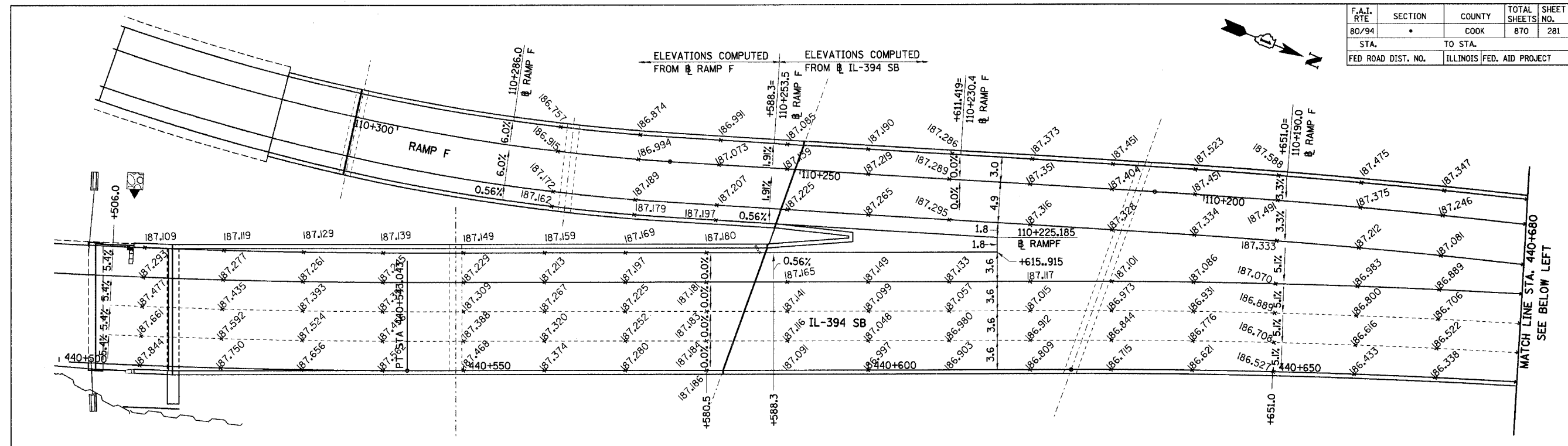
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

**PAVEMENT ELEVATIONS
IL 394 SB / RAMPS E & G**

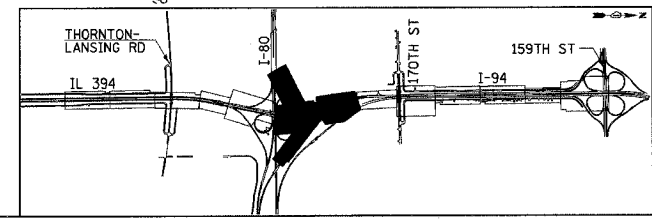
HORIZ SCALE: 1:250
VERT SCALE: 1:10
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB



- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL STATIONING OFF IL 394 SB UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

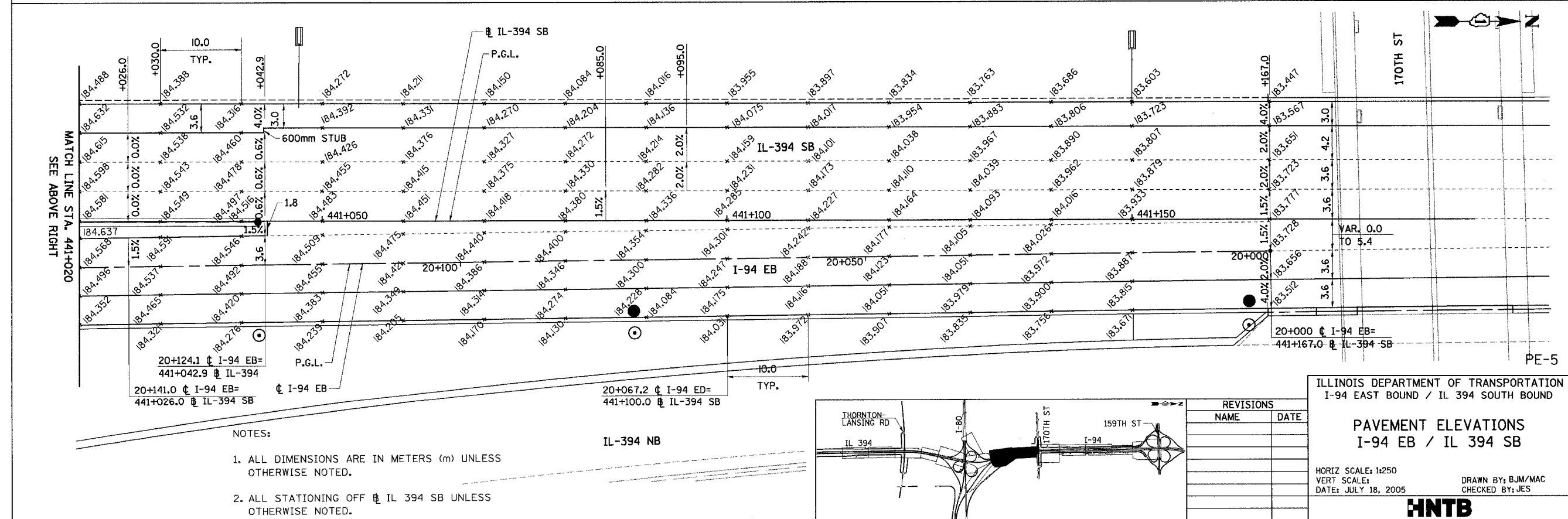
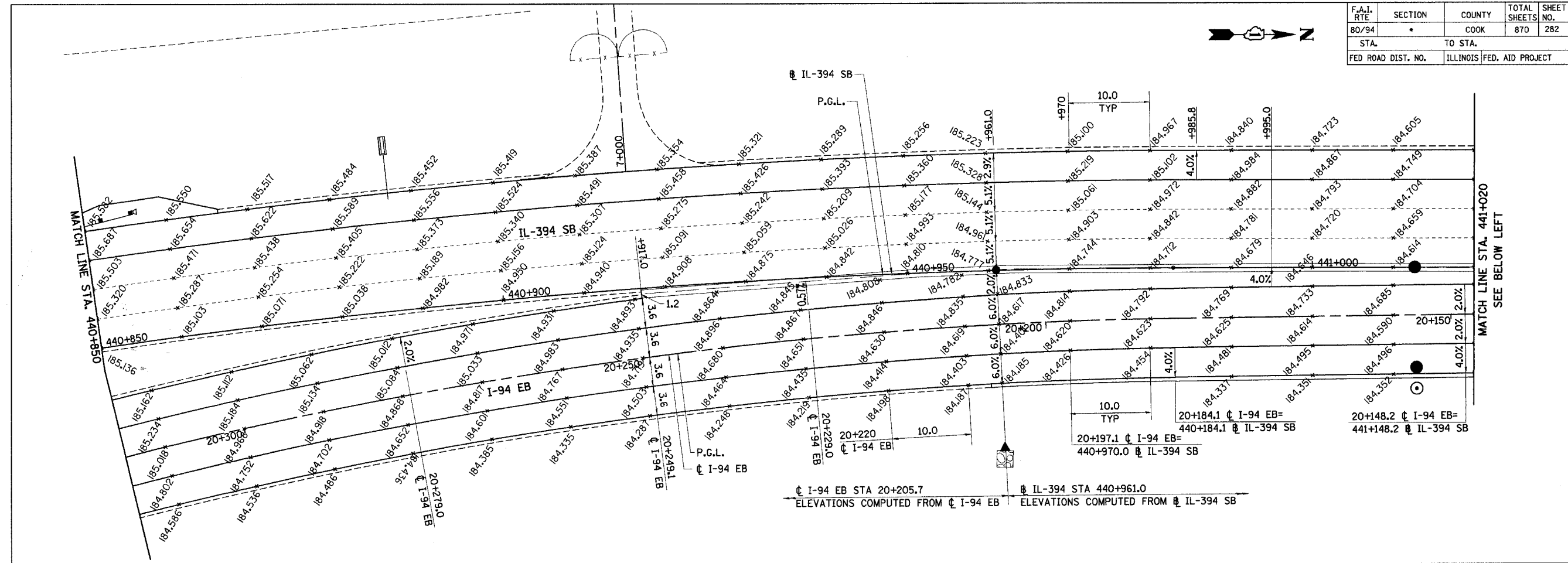
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

PAVEMENT ELEVATIONS
I-94 EB / IL 394 SB / RAMP F

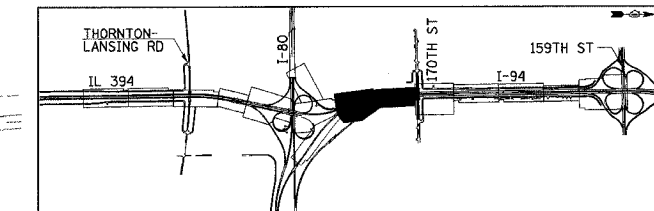
HORIZ SCALE: 1:250
VERT SCALE: 1"=10'
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB



- NOTES:
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 - ALL STATIONING OFF IL 394 SB UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

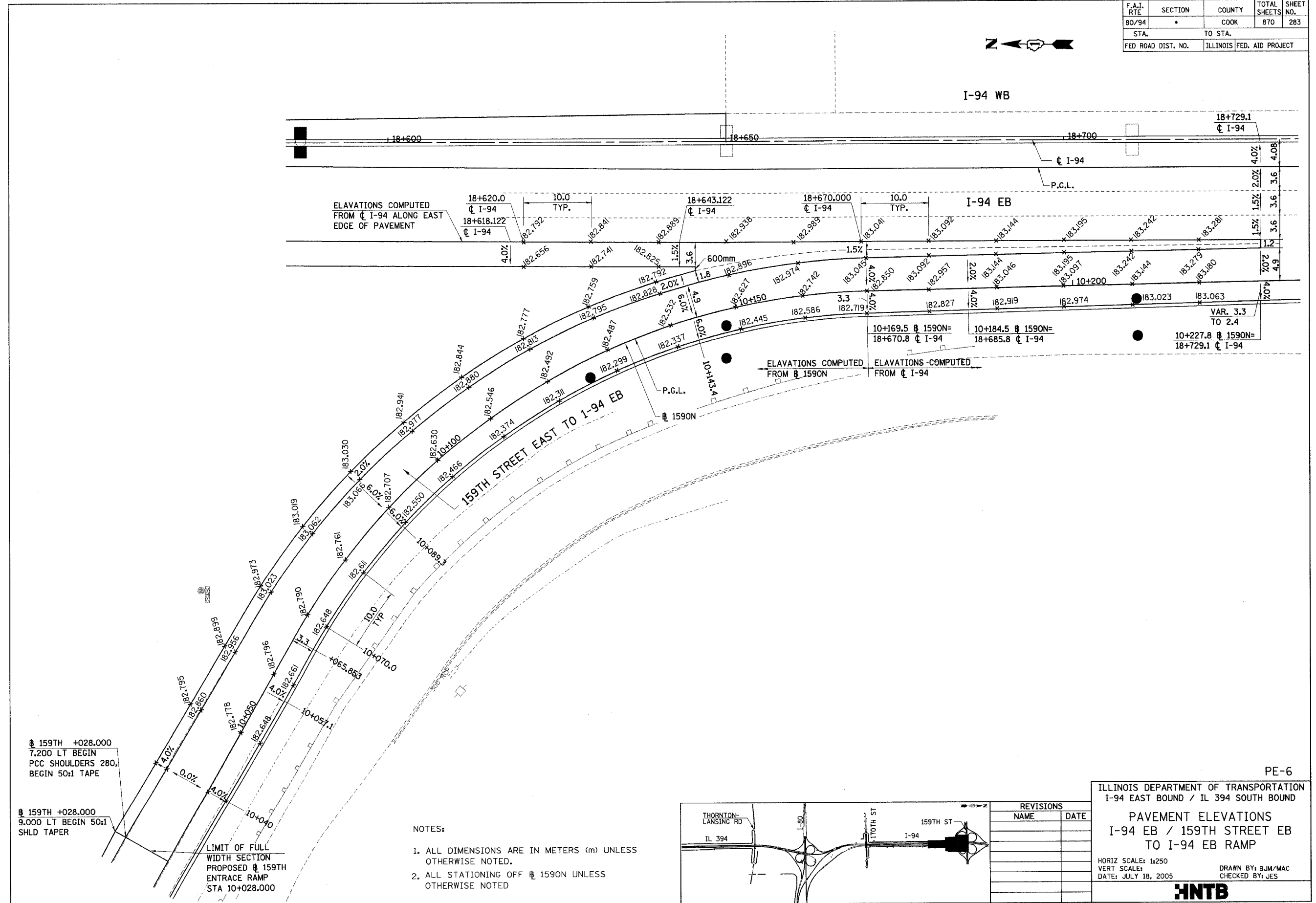
PAVEMENT ELEVATIONS I-94 EB / IL 394 SB

HORIZ SCALE: 1:250
 VERT SCALE:
 DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
 CHECKED BY: JES

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	283
STA.	TO STA.			
FED ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

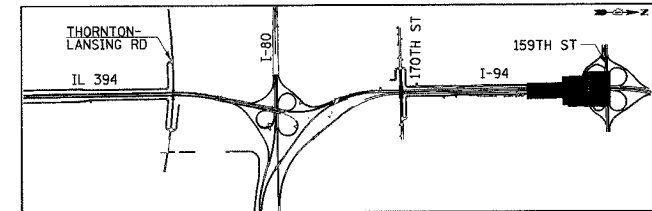


159TH +028.000
7.200 LT BEGIN
PCC SHOULDERS 280,
BEGIN 50:1 TAPE

159TH +028.000
9.000 LT BEGIN 50:1
SHLD TAPER

LIMIT OF FULL
WIDTH SECTION
PROPOSED 159TH
ENTRACE RAMP
STA 10+028.000

- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
 2. ALL STATIONING OFF 1590N UNLESS OTHERWISE NOTED



REVISIONS	
NAME	DATE

PE-6

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

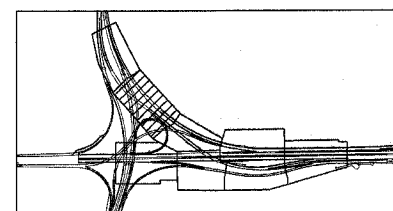
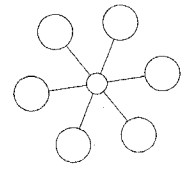
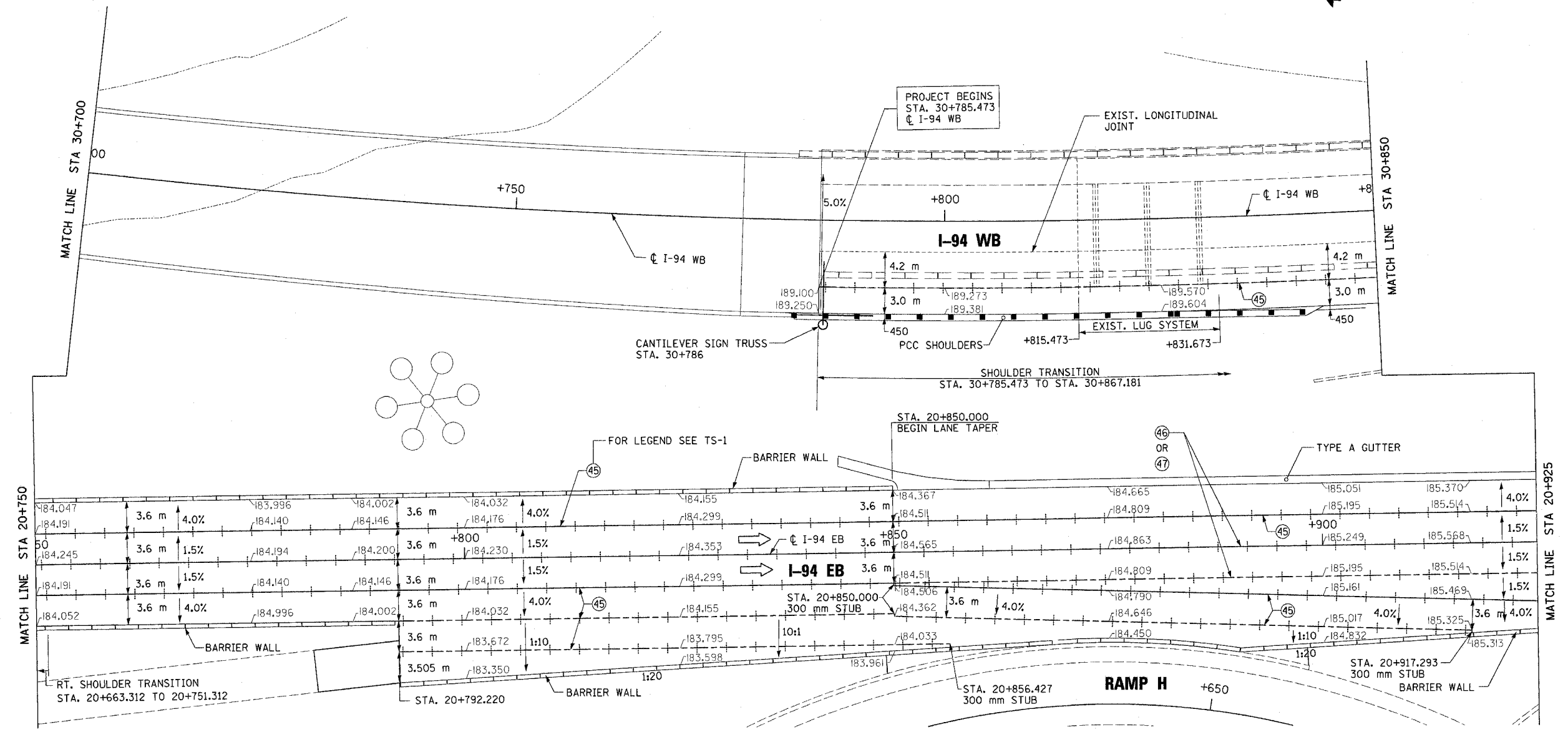
**PAVEMENT ELEVATIONS
I-94 EB / 159TH STREET EB
TO I-94 EB RAMP**

HORIZ SCALE: 1:250
VERT SCALE: 1:10
DATE: JULY 18, 2005

DRAWN BY: BJM/MAC
CHECKED BY: JES

HNTB

* (0203.1 & 0312-708W) R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80/394	*	COOK	870
STA. 30+600.00		TO STA. 30+850.00	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

PAVEMENT ELEVATION AND DETAILS

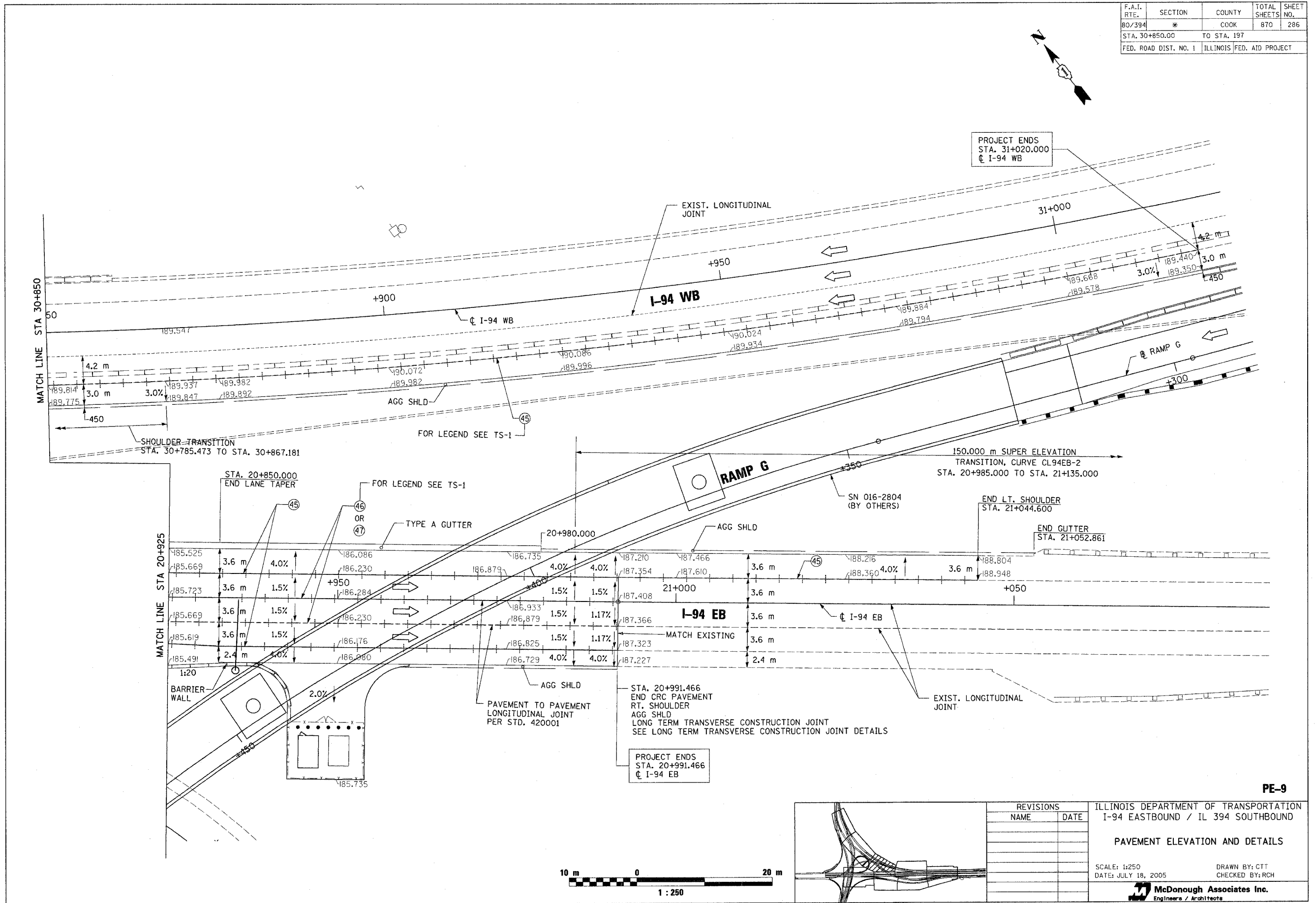
SCALE: 1:250
DATE: JULY 18, 2005

DRAWN BY: CTT
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects

PE-8

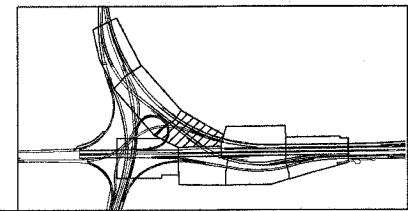
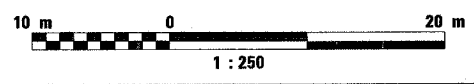
* (0203.1 & 0312-708W) R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80/394	*	COOK	870
STA. 30+850.00		TO STA. 197	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



PROJECT ENDS
STA. 31+020.000
CL I-94 WB

PROJECT ENDS
STA. 20+991.466
CL I-94 EB

PE-9



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

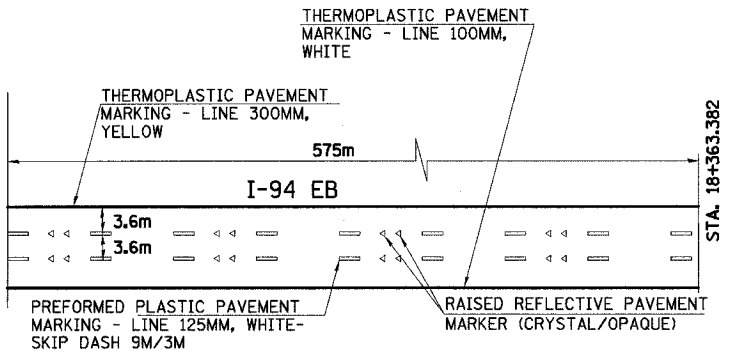
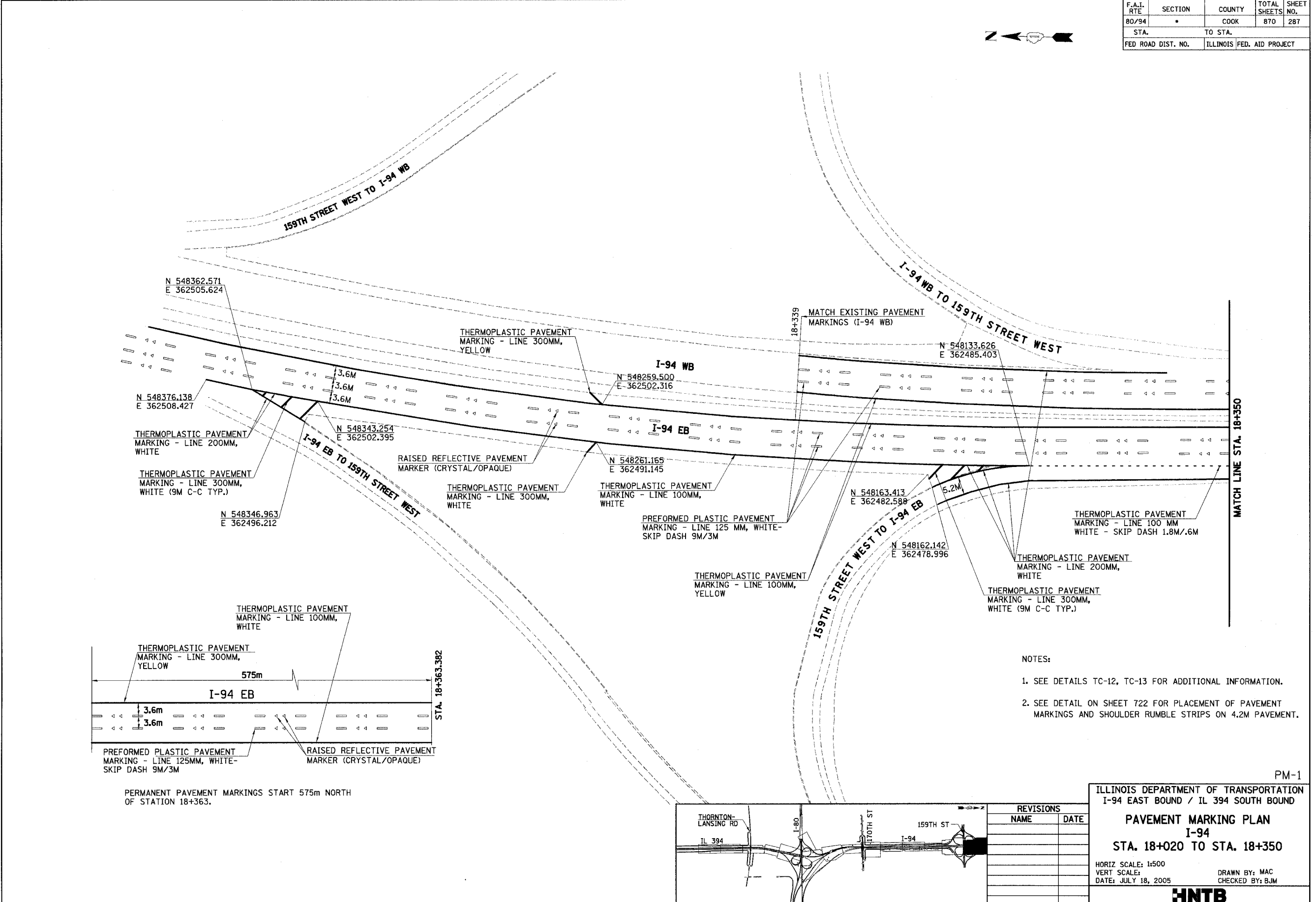
PAVEMENT ELEVATION AND DETAILS

SCALE: 1:250
DATE: JULY 18, 2005

DRAWN BY: CTT
CHECKED BY: RCH

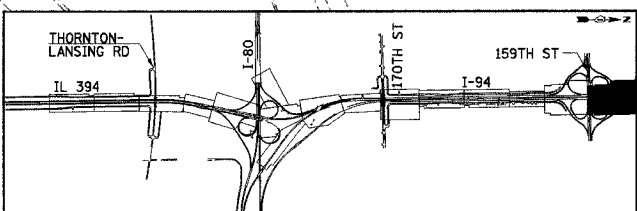
McDonough Associates Inc.
Engineers / Architects

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	287
STA.		TO STA.		
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PERMANENT PAVEMENT MARKINGS START 575m NORTH OF STATION 18+363.

- NOTES:
1. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
 2. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

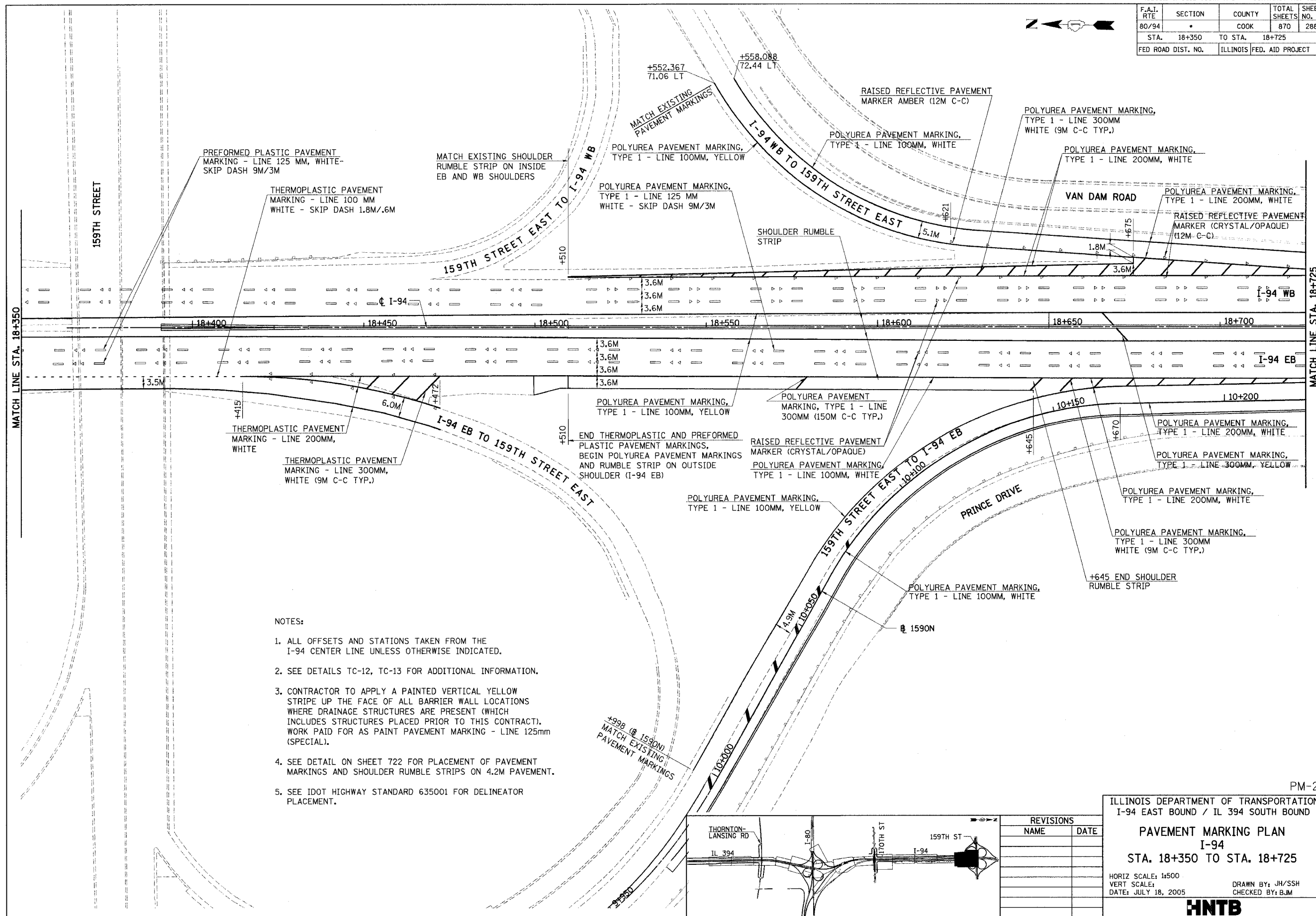
PAVEMENT MARKING PLAN
I-94
STA. 18+020 TO STA. 18+350

HORIZ SCALE: 1:500
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: MAC
CHECKED BY: BJM

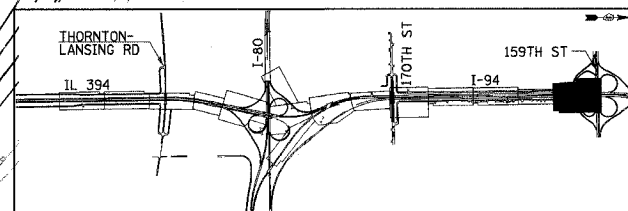


F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	288
STA. 18+350		TO STA. 18+725		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

1. ALL OFFSETS AND STATIONS TAKEN FROM THE I-94 CENTER LINE UNLESS OTHERWISE INDICATED.
2. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
4. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
5. SEE IDOT HIGHWAY STANDARD 635001 FOR DELINEATOR PLACEMENT.



REVISIONS	
NAME	DATE

PM-2

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

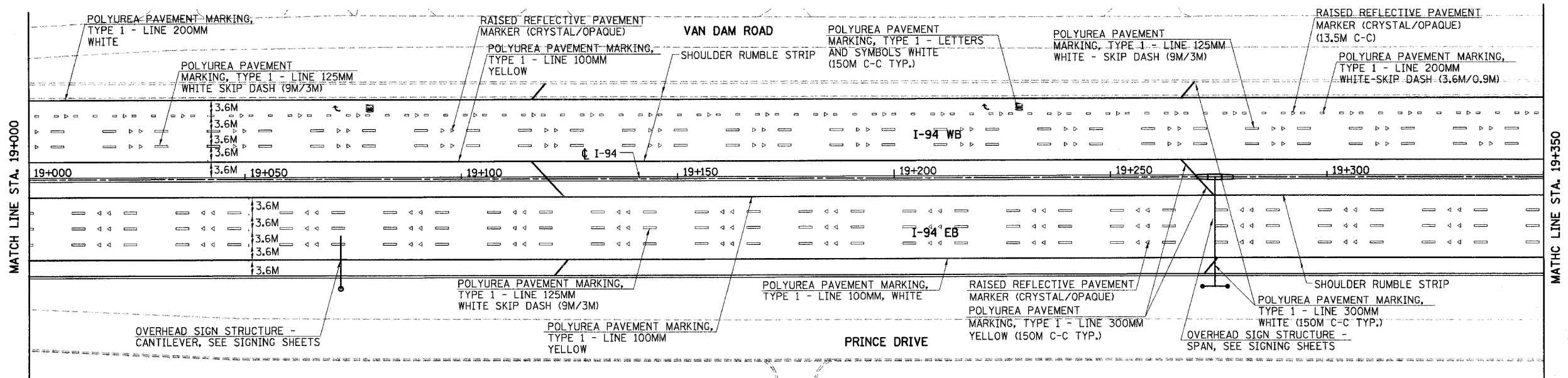
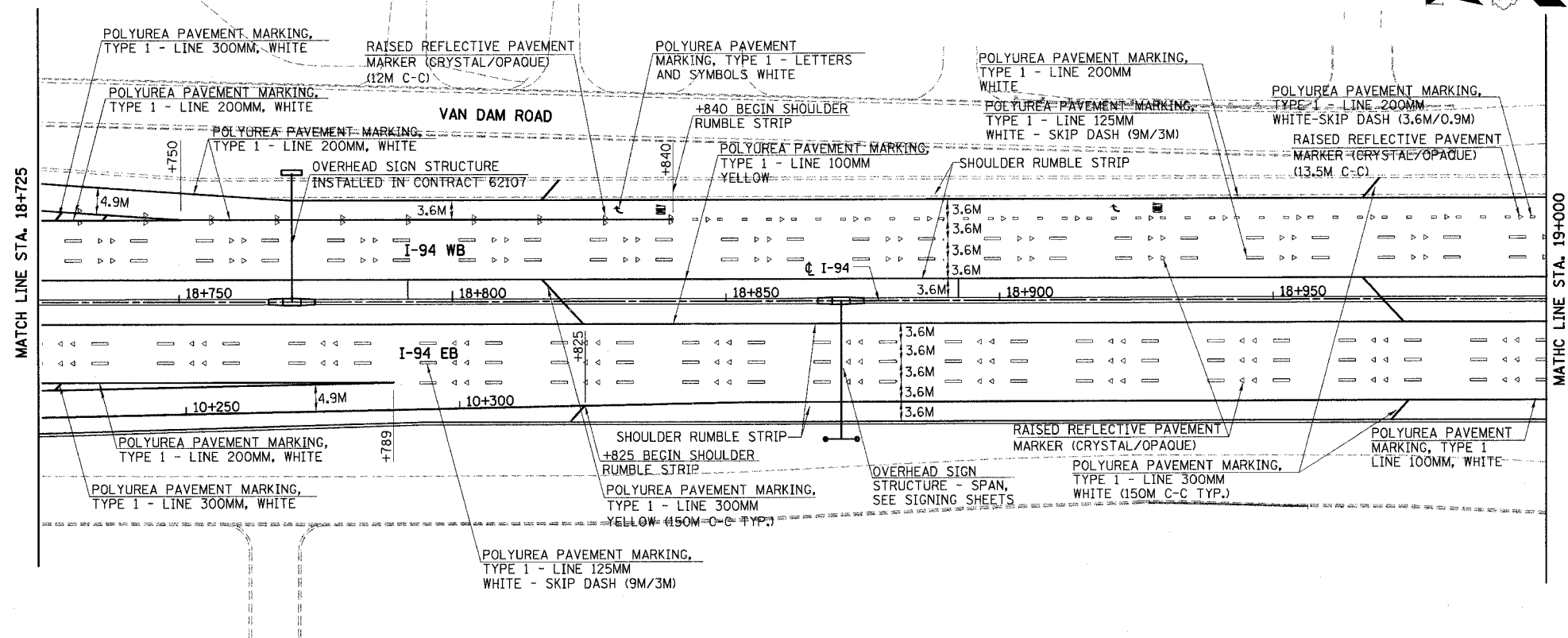
PAVEMENT MARKING PLAN
I-94
STA. 18+350 TO STA. 18+725

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JH/SSH
CHECKED BY: BJM

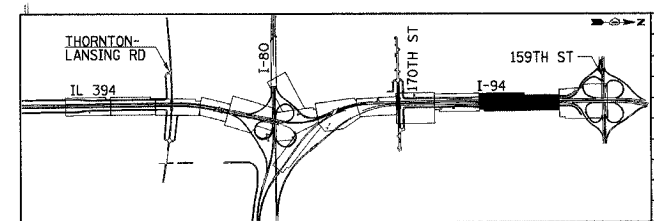
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	289
STA. 18+725		TO STA. 19+350		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

1. ALL OFFSETS AND STATIONS TAKEN FROM THE I-94 CENTER LINE UNLESS OTHERWISE INDICATED.
2. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
4. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
5. SEE IDOT HIGHWAY STANDARD 635001 FOR DELINEATOR PLACEMENT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

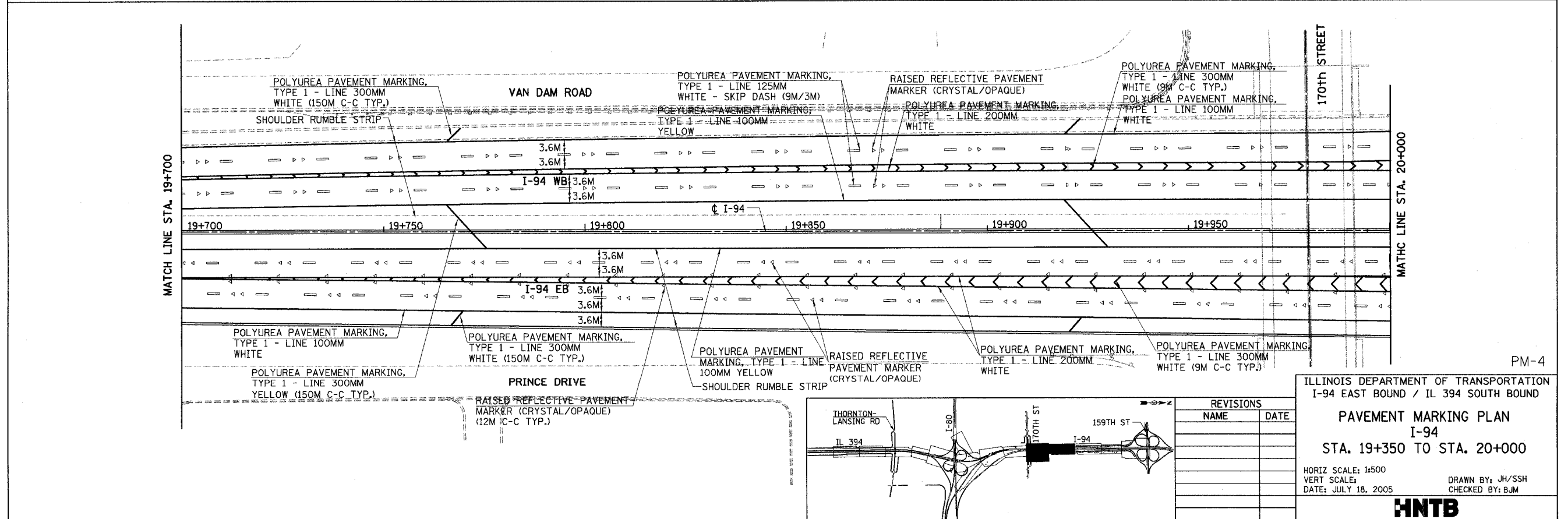
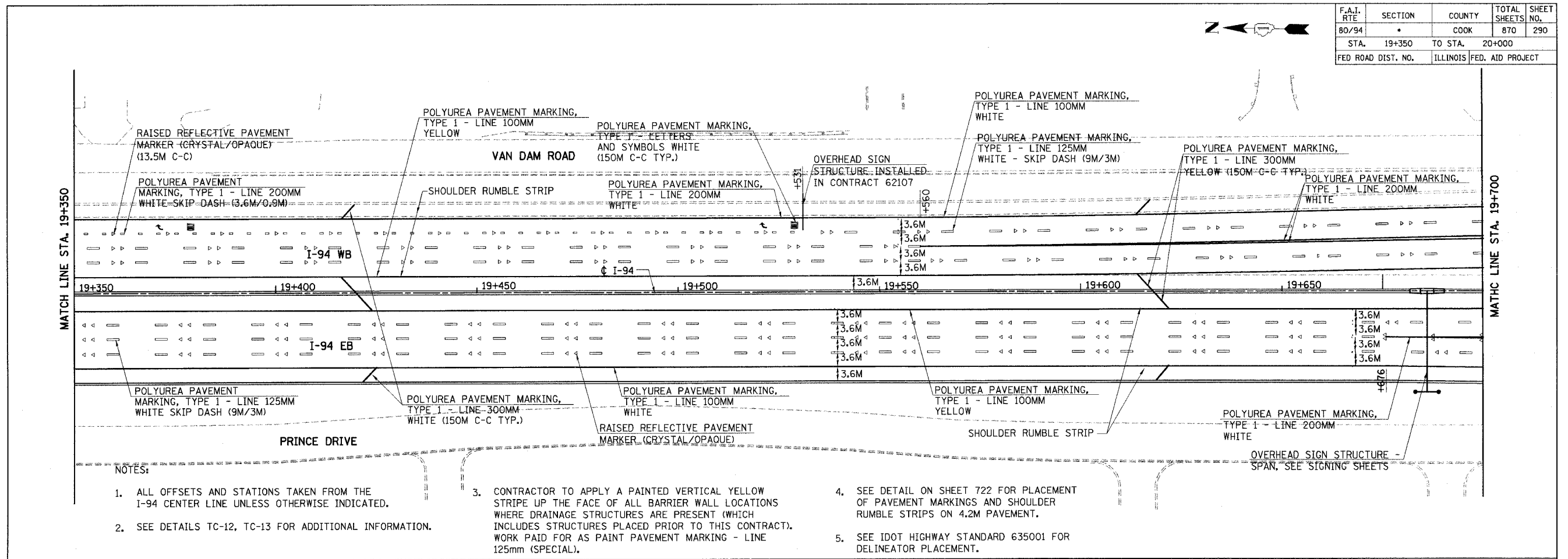
PAVEMENT MARKING PLAN
I-94
STA. 18+725 TO STA. 19+350

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JH/SSH
CHECKED BY: BJM

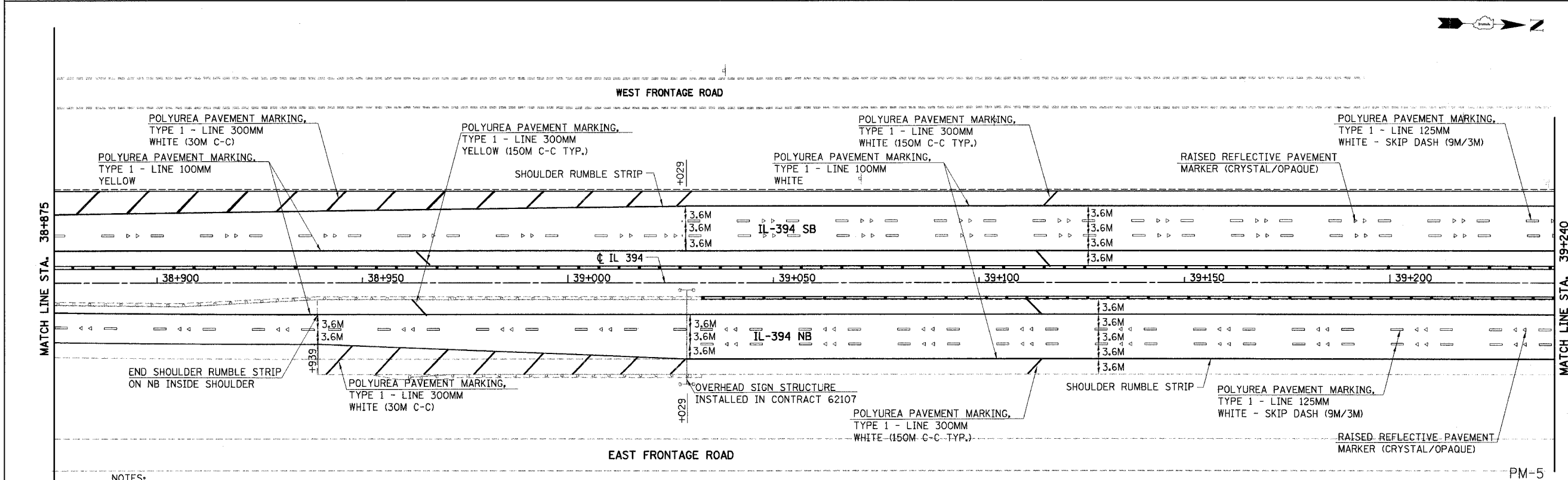
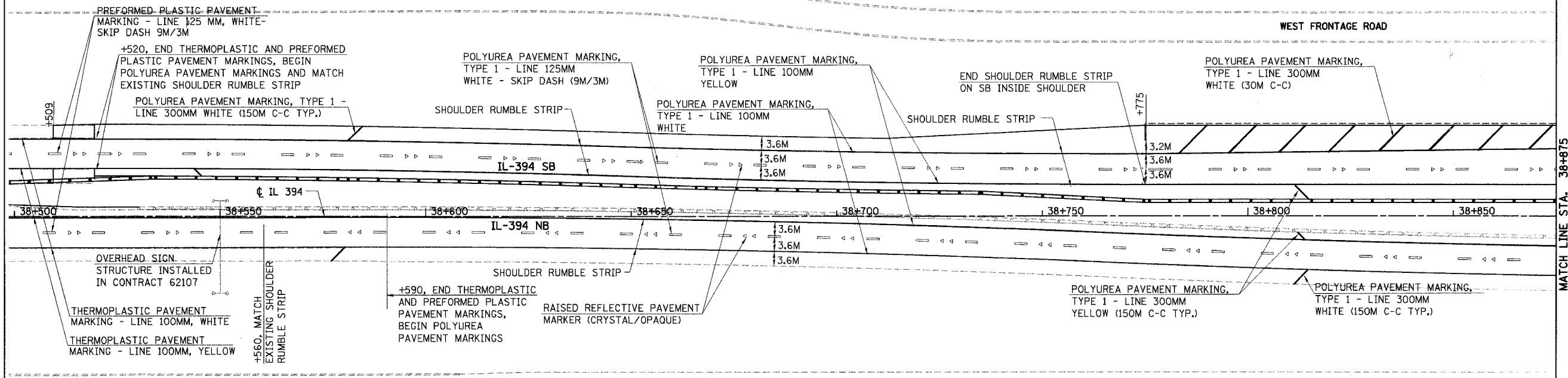
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	290
STA. 19+350		TO STA. 20+000		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



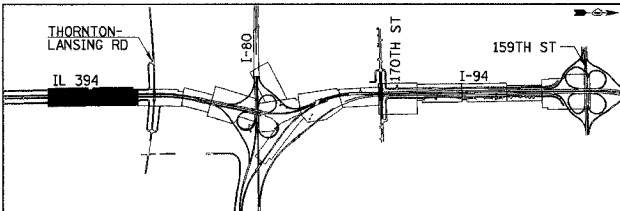
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	291
STA. 38+550		TO STA. 39+250		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EXTEND TO MATCH EXISTING PAVMENT MARKINGS AT STA. 38+500 TO THE FOLLOWING LIMITS:
 IL-394 SB - 318 METERS SOUTH OF STA. 38+500
 IL-394 NB - 850 METERS SOUTH OF STA. 38+500



NOTES:

- ALL OFFSETS AND STATIONS TAKEN FROM THE IL 394 CENTERLINE.
- SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
- SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
- SEE IDOT HIGHWAY STANDARD 635001 FOR DELINEATOR PLACEMENT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

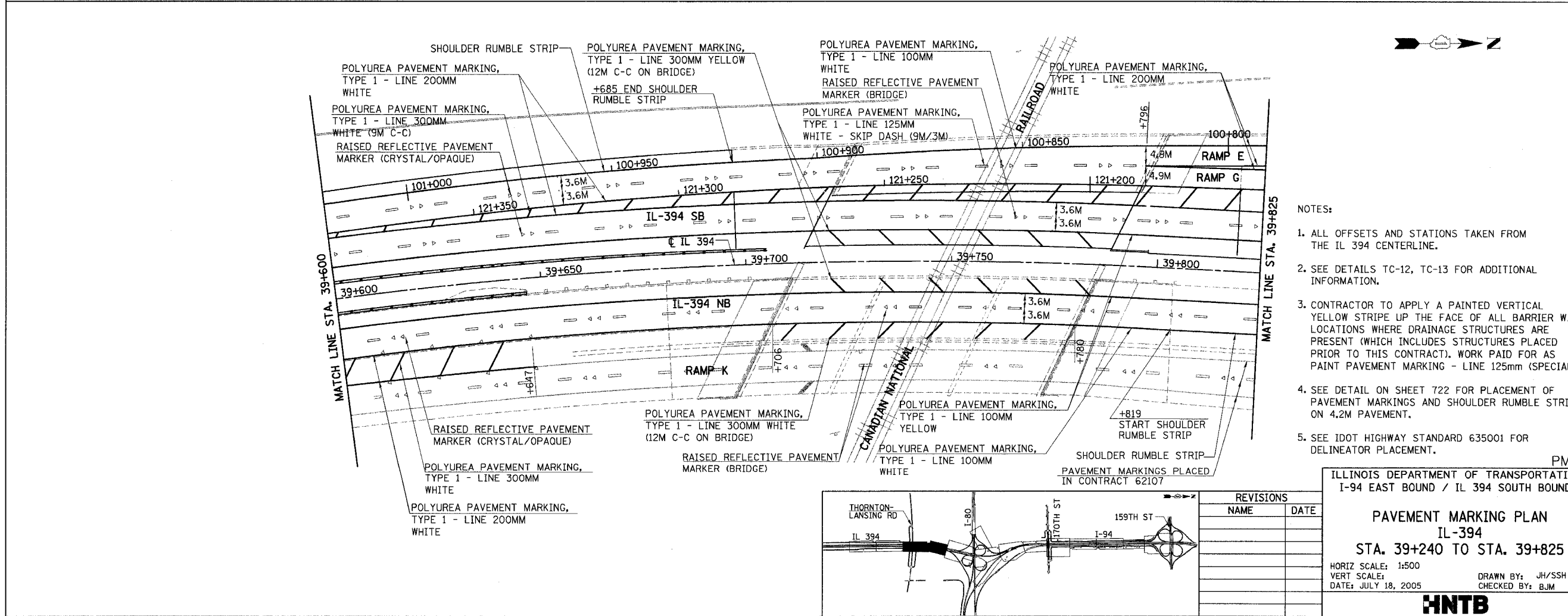
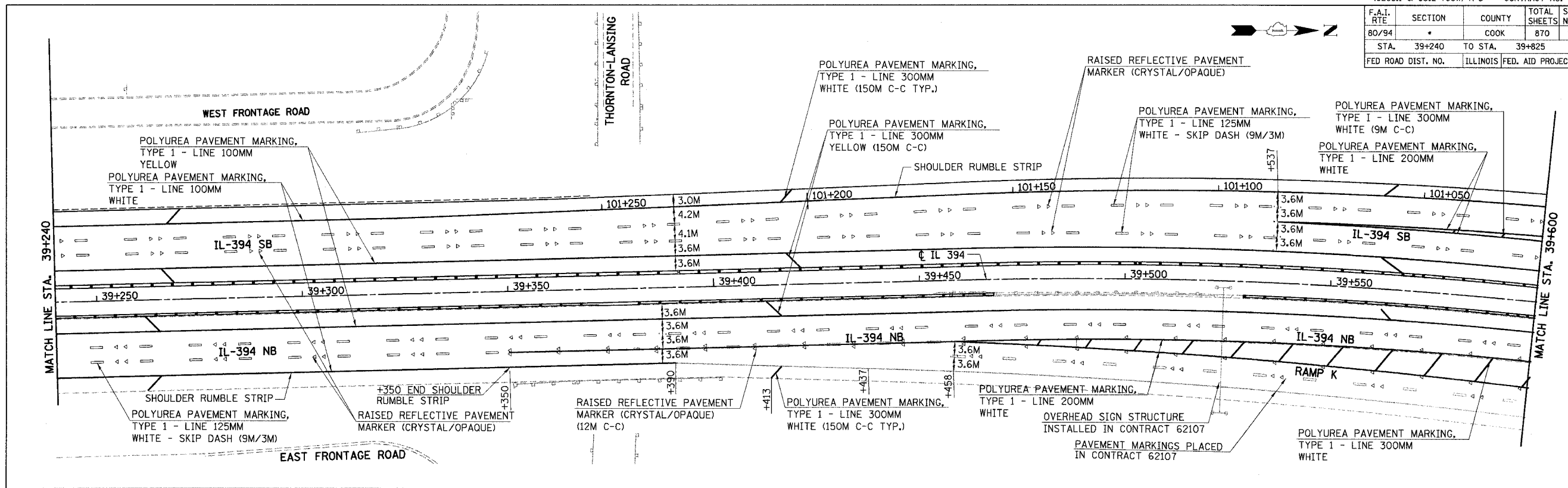
PAVEMENT MARKING PLAN
 IL-394
 STA. 38+550 TO STA. 39+240

HORIZ SCALE: 1:500
 VERT SCALE: 1:500
 DATE: JULY 18, 2005

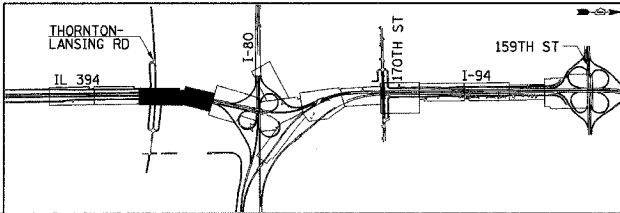
DRAWN BY: JH/SSH
 CHECKED BY: BJM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	292
STA. 39+240 TO STA. 39+825		ILLINOIS FED. AID PROJECT		



- NOTES:
1. ALL OFFSETS AND STATIONS TAKEN FROM THE IL 394 CENTERLINE.
 2. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
 3. CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
 4. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
 5. SEE IDOT HIGHWAY STANDARD 635001 FOR DELINEATOR PLACEMENT.



REVISIONS	
NAME	DATE

PM-6

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

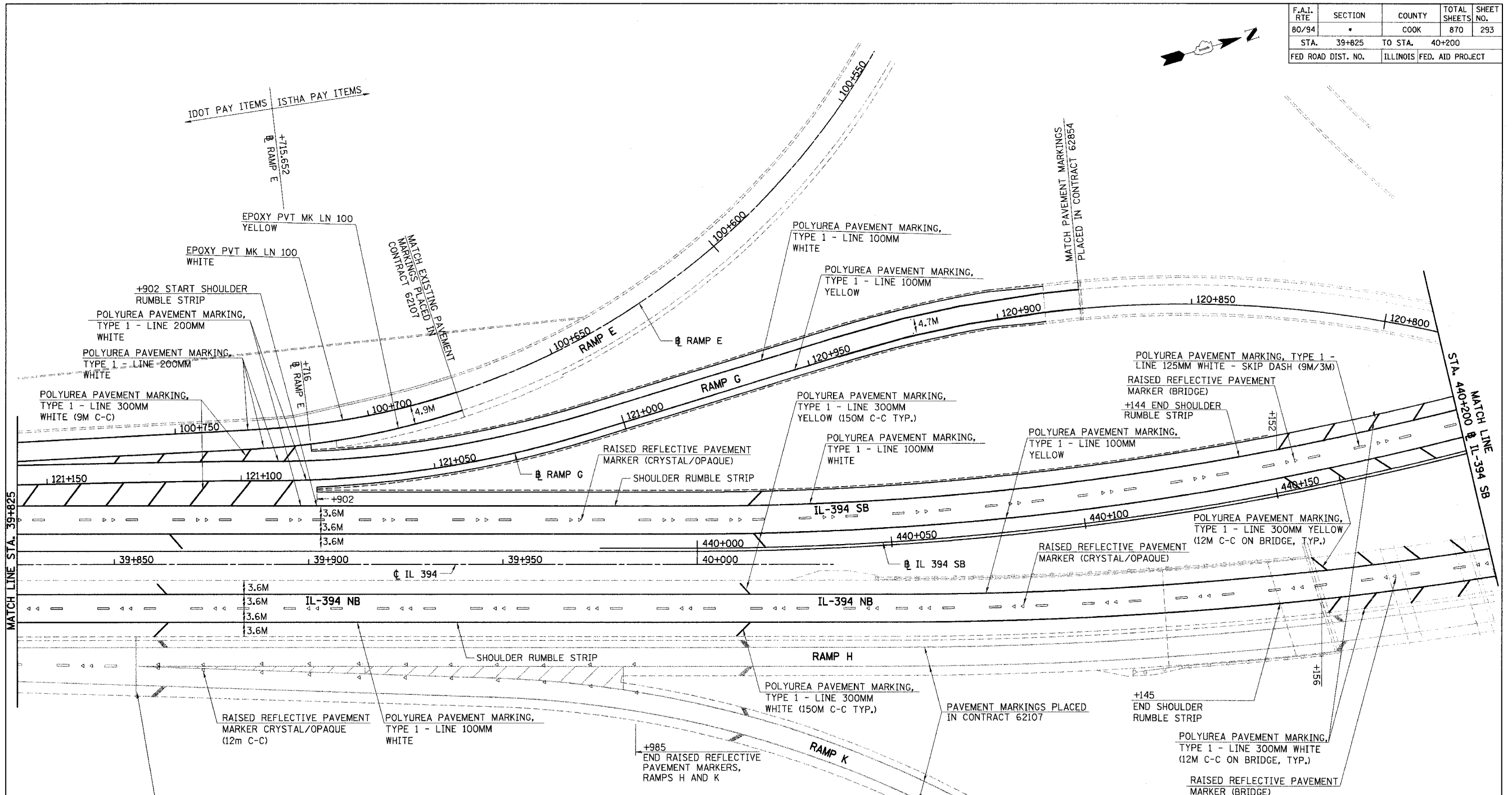
PAVEMENT MARKING PLAN
IL-394
STA. 39+240 TO STA. 39+825

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JH/SSH
CHECKED BY: BJM

HNTB

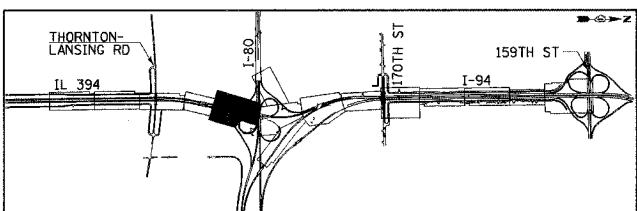
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	293
STA. 39+825		TO STA. 40+200		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES:

- ALL OFFSETS AND STATIONS TAKEN FROM THE IL 394 CENTERLINE UP TO 40+000 AND THE IL 394 SB BASELINE BEYOND 440+000.
- SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
- SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
- SEE IDOT HIGHWAY STANDARD 635001 FOR DELINEATOR PLACEMENT.

OVERHEAD SIGN STRUCTURE INSTALLED IN CONTRACT 62107



REVISIONS	
NAME	DATE

PM-7

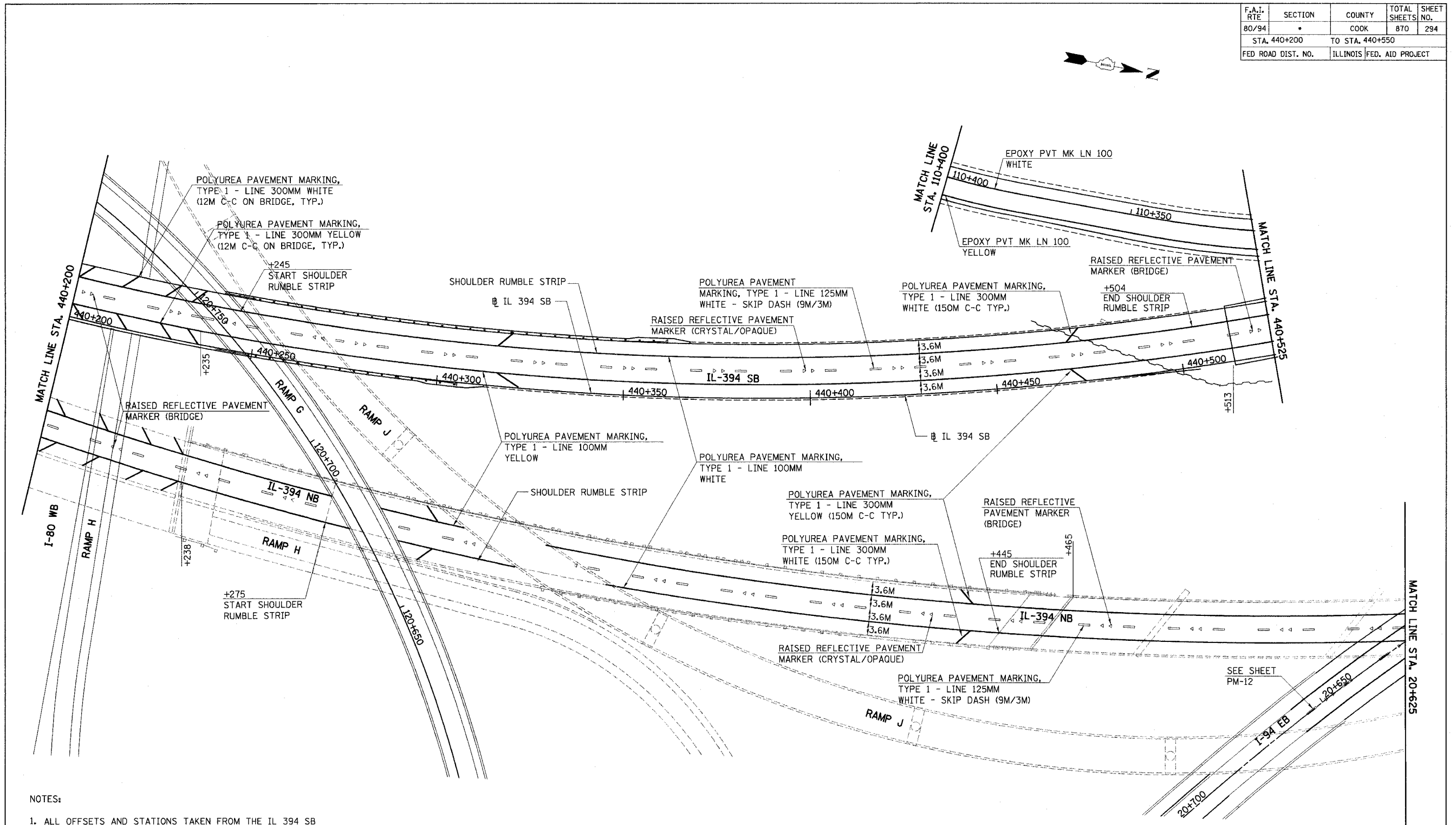
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
PAVEMENT MARKING PLAN
IL-394
STA. 39+825 (C IL-394) TO
STA. 440+200 (C IL-394 SB)

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JH/SSH
CHECKED BY: BJM

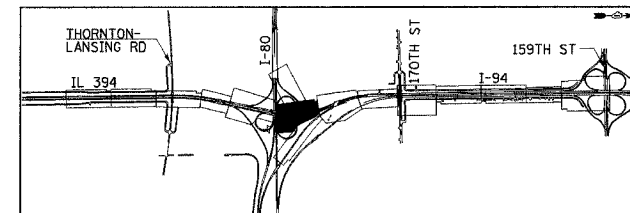
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	294
STA. 440+200		TO STA. 440+550		
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



NOTES:

1. ALL OFFSETS AND STATIONS TAKEN FROM THE IL 394 SB BASELINE UNLESS OTHERWISE INDICATED.
2. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
4. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
5. SEE IDOT HIGHWAY STANDARD 635001 AND ISTHA STANDARD SD 03-18 FOR DELINEATOR PLACEMENT.



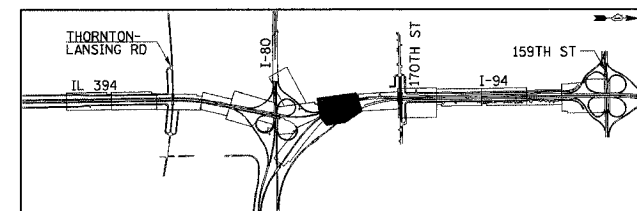
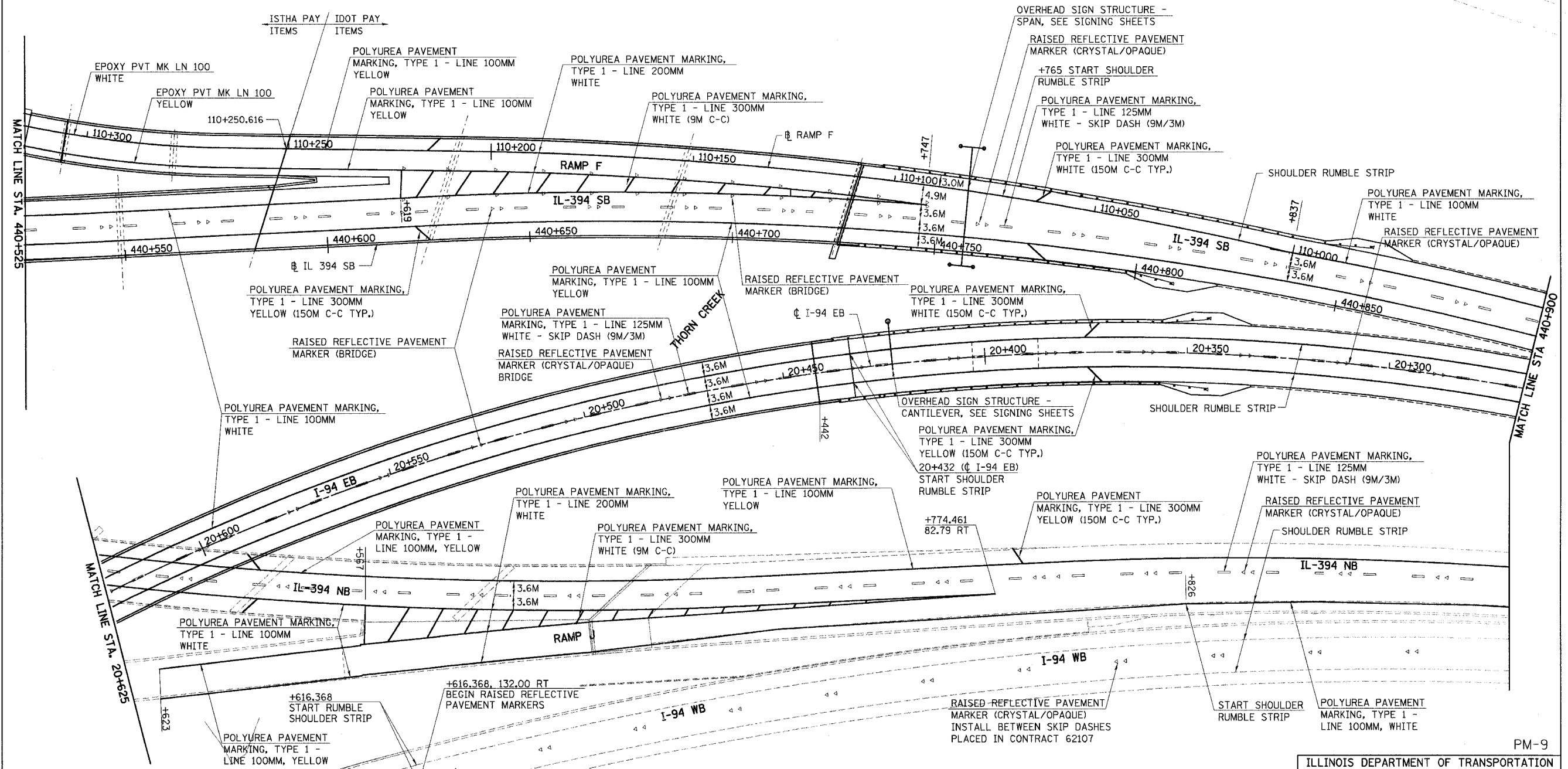
REVISIONS	
NAME	DATE

PM-8
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
PAVEMENT MARKING PLAN
IL-394 SB
STA. 440+200 TO STA. 440+525
 HORIZ SCALE: 1:500
 VERT SCALE:
 DATE: JULY 18, 2005
 DRAWN BY: JH/SSH
 CHECKED BY: BJM
HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	295
STA. 440+550 TO STA. 440+900				
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES:

1. ALL OFFSETS AND STATIONS TAKEN FROM THE IL 394 SB BASELINE UNLESS OTHERWISE INDICATED.
2. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
4. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
5. SEE IDOT HIGHWAY STANDARD 635001 AND ISTHA STANDARD SD 03-18 FOR DELINEATOR PLACEMENT.



REVISIONS	
NAME	DATE

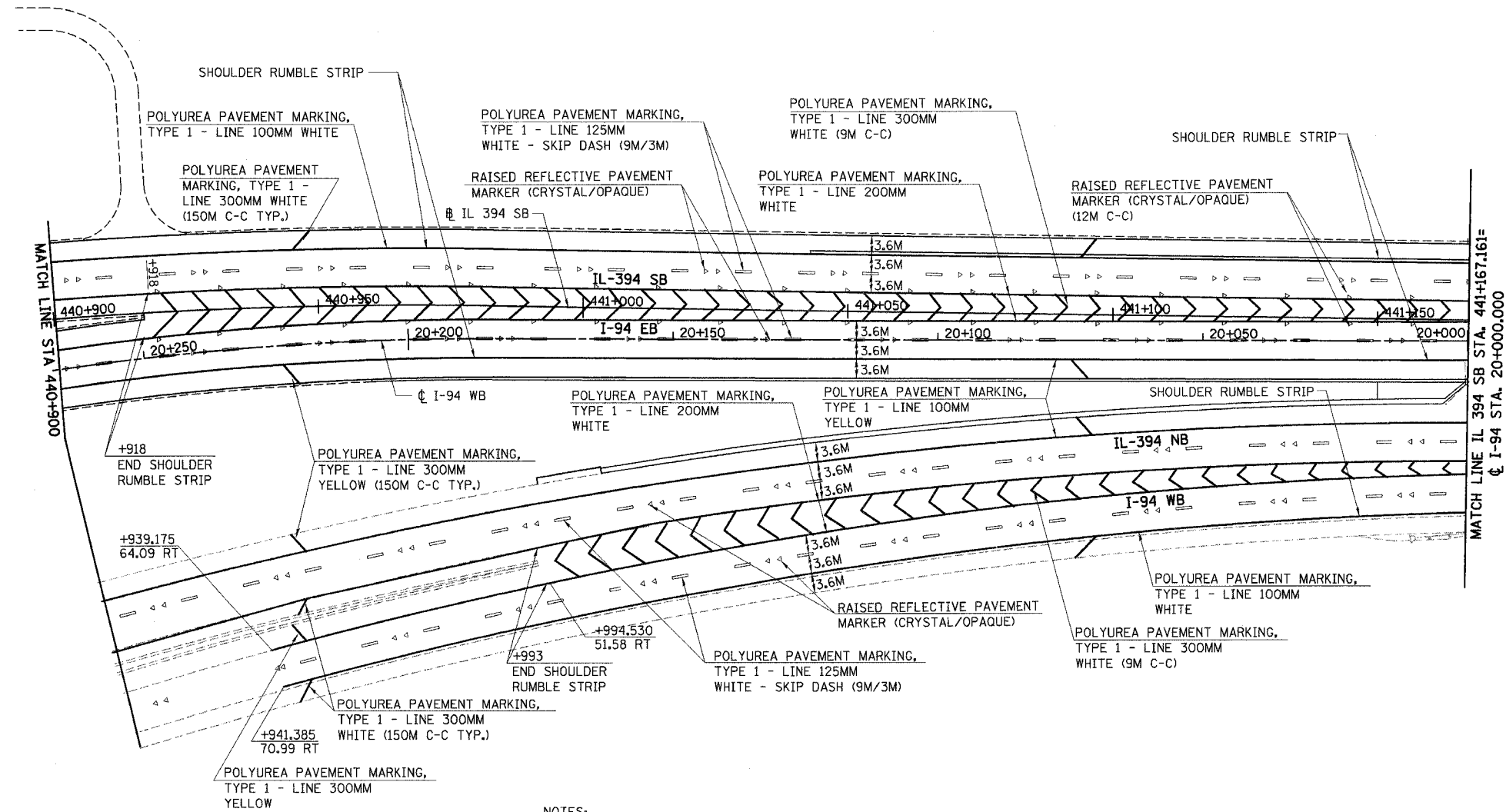
PM-9
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
PAVEMENT MARKING PLAN
IL-394 SB
STA. 440+525 TO STA. 440+900

HORIZ SCALE: 1:500
 VERT SCALE: 1:500
 DATE: JULY 18, 2005

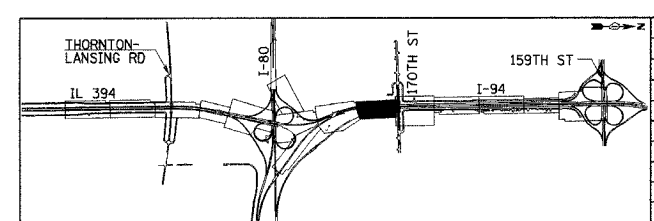
DRAWN BY: JH/SSH
 CHECKED BY: BJM

HNTB

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	296
STA. 440+900		TO STA. 441+167.161		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NOTES:
1. ALL OFFSETS AND STATIONS TAKEN FROM THE IL 394 SB BASELINE UNLESS OTHERWISE INDICATED.
 2. SEE DETAILS TC-12, TC-13 FOR ADDITIONAL INFORMATION.
 3. CONTRACTOR TO APPLY A PAINTED VERTICAL YELLOW STRIPE UP THE FACE OF ALL BARRIER WALL LOCATIONS WHERE DRAINAGE STRUCTURES ARE PRESENT (WHICH INCLUDES STRUCTURES PLACED PRIOR TO THIS CONTRACT). WORK PAID FOR AS PAINT PAVEMENT MARKING - LINE 125mm (SPECIAL).
 4. SEE DETAIL ON SHEET 722 FOR PLACEMENT OF PAVEMENT MARKINGS AND SHOULDER RUMBLE STRIPS ON 4.2M PAVEMENT.
 5. SEE IDOT HIGHWAY STANDARD 635001 FOR DELINEATOR PLACEMENT.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

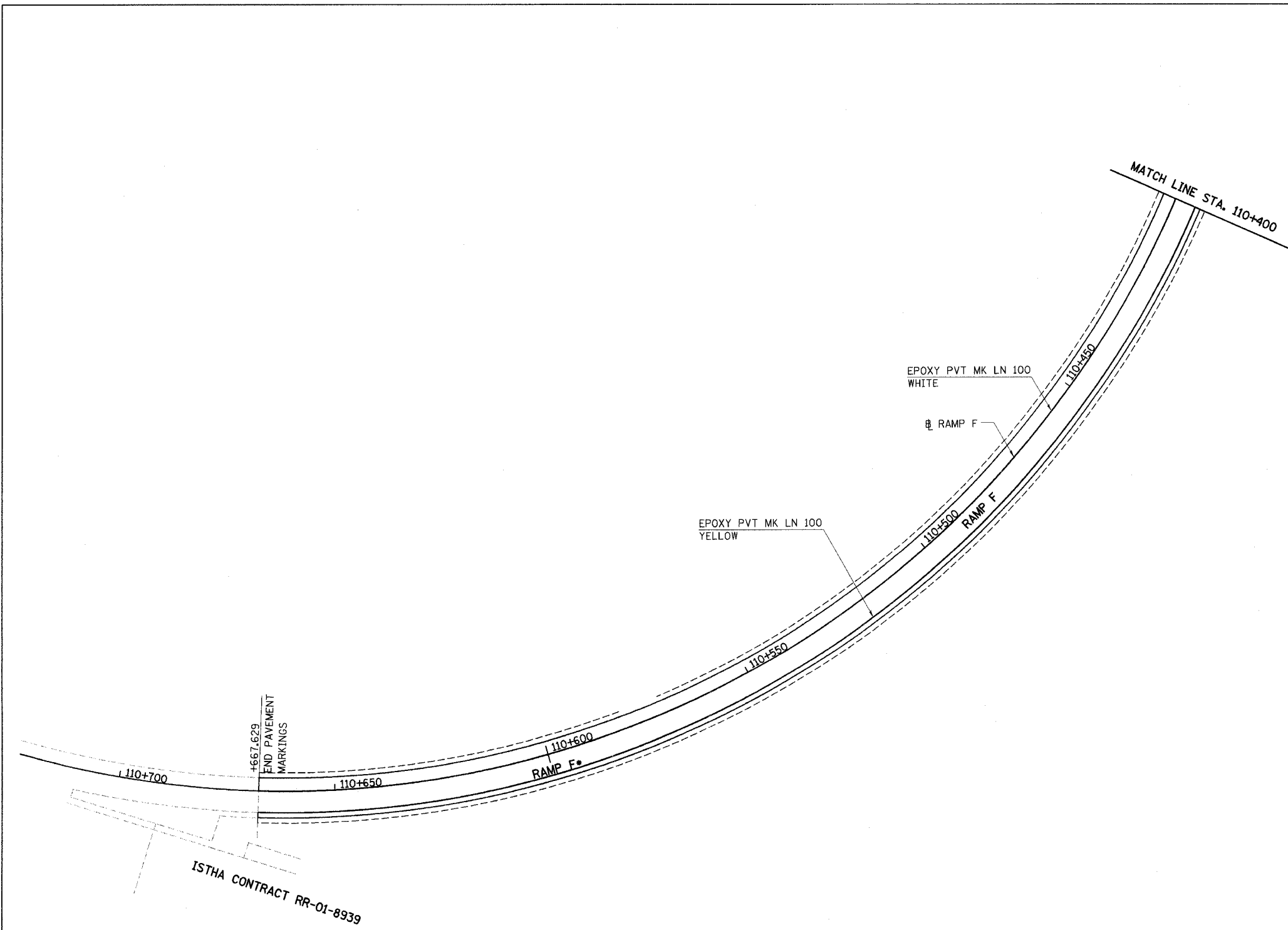
PAVEMENT MARKING PLAN
IL-394 SB
STA. 440+900 TO STA. 441+167.161

HORIZ SCALE: 1:500
VERT SCALE: 1:500
DATE: JULY 18, 2005

DRAWN BY: JH/SSH
CHECKED BY: BJM

HNTB

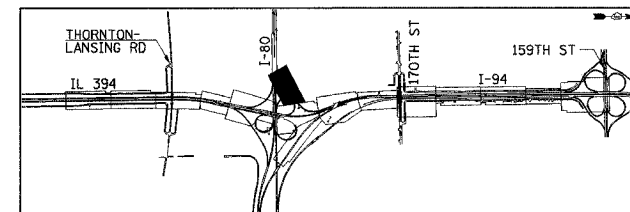
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	297
STA. 110+400		TO STA. 110+700		
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



NOTES:

1. ALL OFFSETS AND STATIONS TAKEN FROM THE RAMP F BASELINE.
2. WORK SHALL BE PAID FOR USING ISTHA PAY ITEMS.
3. SEE ISTHA STANDARD SD 03-18 FOR DELINEATOR PLACEMENT.

• USE ISTHA PAY ITEMS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

PAVEMENT MARKING PLAN
RAMP F
STA. 110+400 TO STA. 110+750

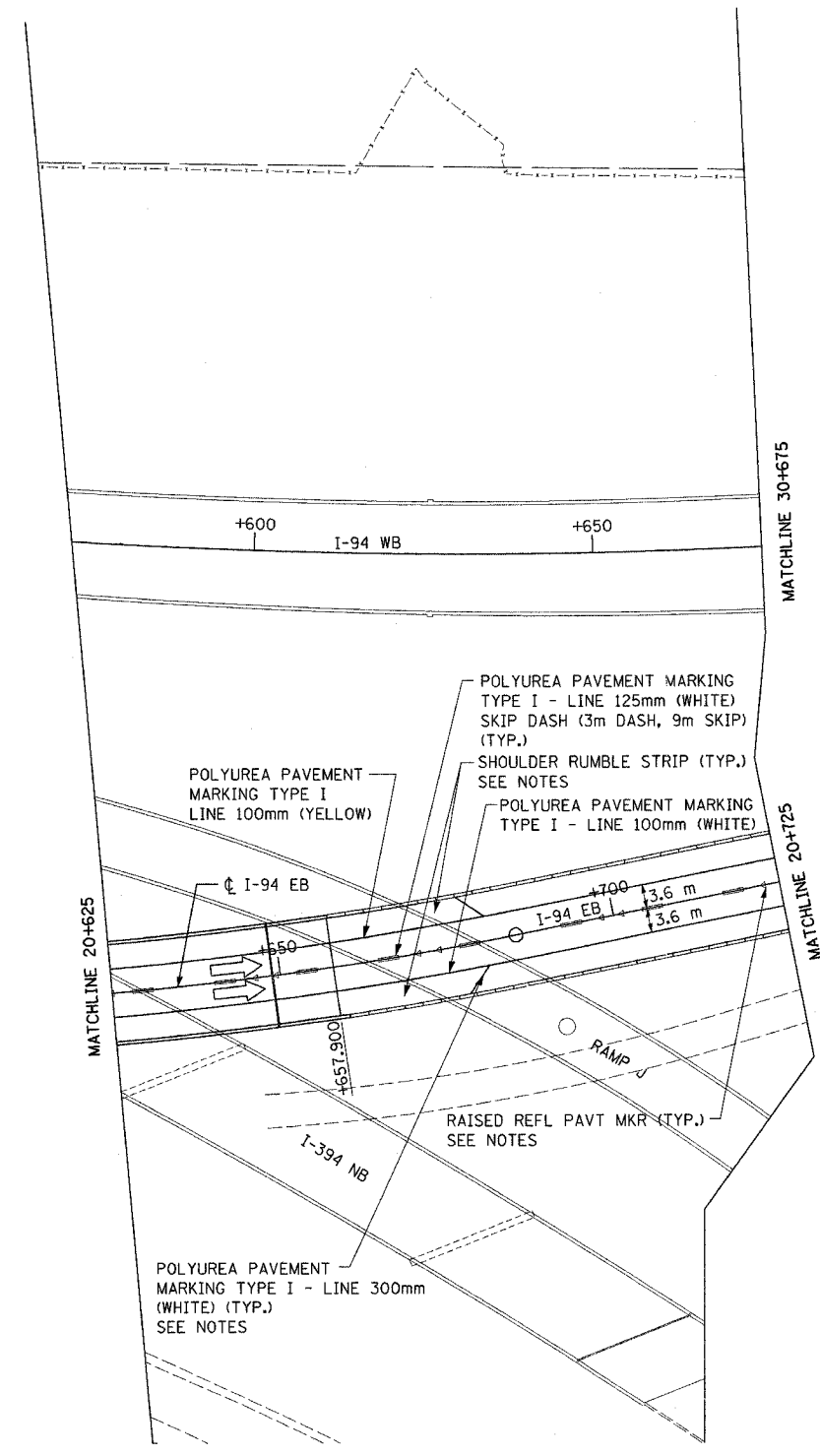
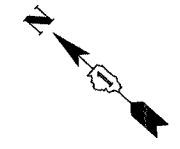
HORIZ SCALE: 1:500
VERT SCALE: 1:50
DATE: JULY 18, 2005

DRAWN BY: MAC
CHECKED BY: BJM

HNTB

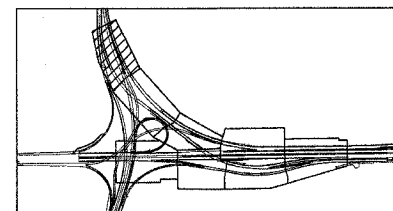
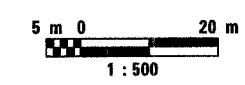
PM-11

* 10203.1 & 0312-708W R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
90/394	*	COOK	870
STA. 30+675.00		TO STA. 197	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



- NOTES:
1. FOR SHOULDER DIAGONAL PLACEMENT, SPACING AND COLOR, SEE STANDARD TC-12.
 2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR, SEE STANDARD TC-12.
 3. FOR BARRIER WALL MARKERS, TYPE C PLACEMENT SPACING AND COLOR, SEE STANDARD 635001 AND 635006.
 4. FOR SHOULDER RUMBLE STRIP PLACEMENT AND SPACING, SEE STANDARD 642001.

PM-12



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

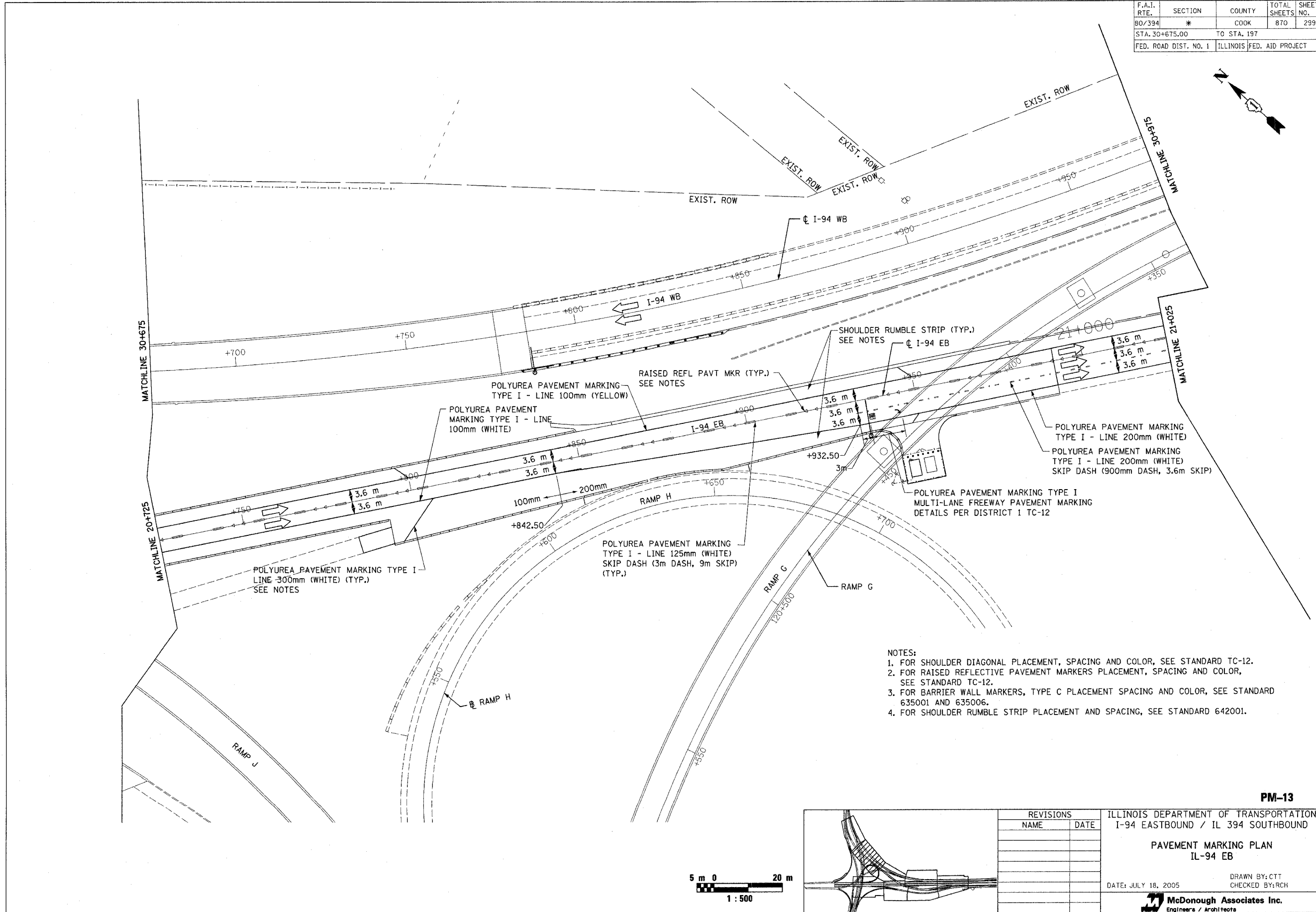
PAVEMENT MARKING PLAN
IL-94 EB

DATE: JULY 18, 2005

DRAWN BY: CTT
CHECKED BY: RCH

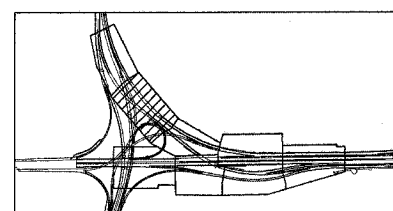
McDonough Associates Inc.
Engineers / Architects

* (0203.1 & 0312-708W) R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80/394	*	COOK	870
STA. 30+675.00		TO STA. 197	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



- NOTES:
1. FOR SHOULDER DIAGONAL PLACEMENT, SPACING AND COLOR, SEE STANDARD TC-12.
 2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR, SEE STANDARD TC-12.
 3. FOR BARRIER WALL MARKERS, TYPE C PLACEMENT SPACING AND COLOR, SEE STANDARD 635001 AND 635006.
 4. FOR SHOULDER RUMBLE STRIP PLACEMENT AND SPACING, SEE STANDARD 642001.

PM-13



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

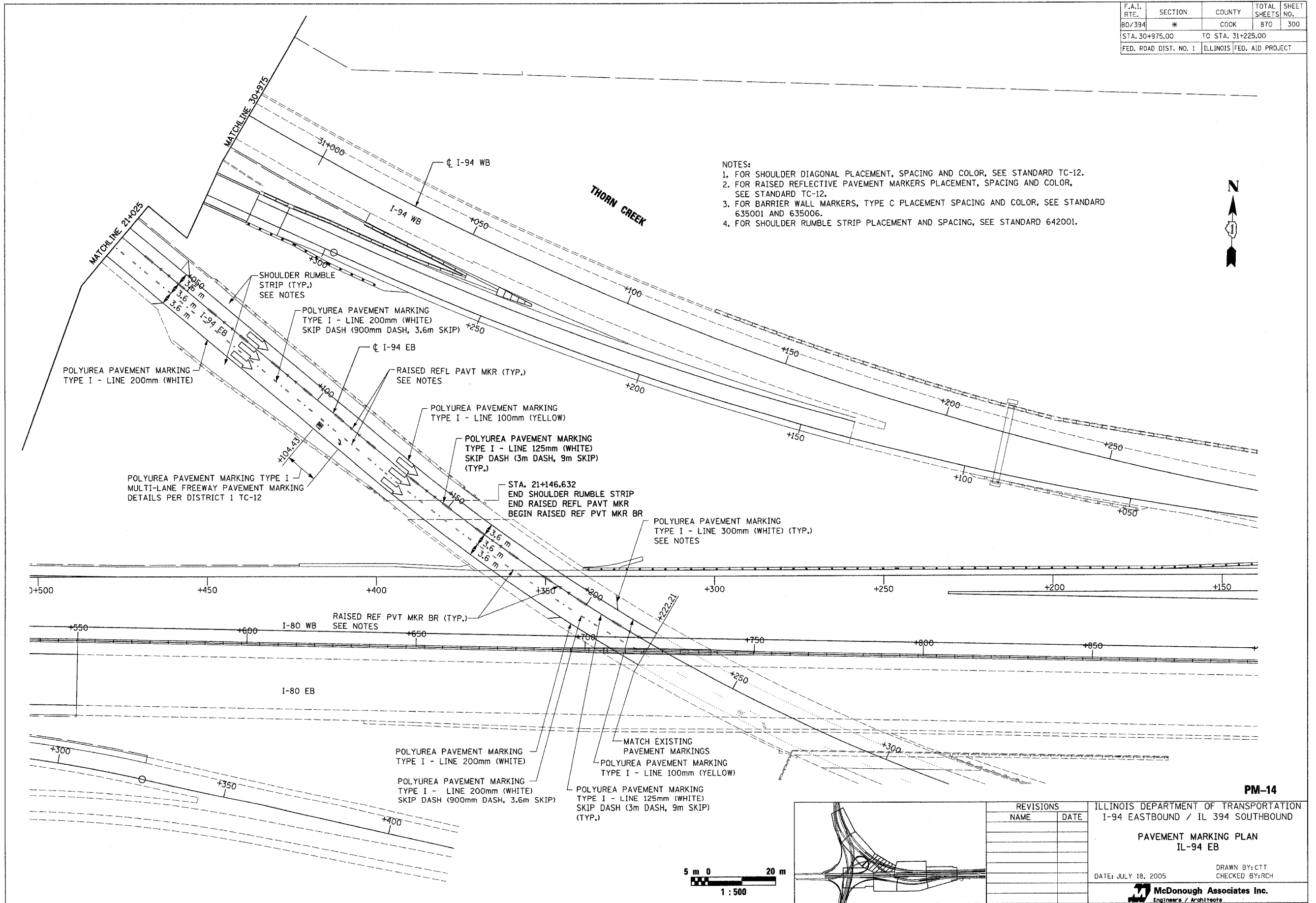
PAVEMENT MARKING PLAN
IL-94 EB

DATE: JULY 18, 2005

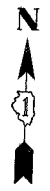
DRAWN BY: CTT
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects

* I0203.1 & 0312-708W R-3		CONTRACT #62108	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80/394	*	COOK	870
STA. 30+975.00		TO STA. 31+225.00	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	



- NOTES:
1. FOR SHOULDER DIAGONAL PLACEMENT, SPACING AND COLOR, SEE STANDARD TC-12.
 2. FOR RAISED REFLECTIVE PAVEMENT MARKERS PLACEMENT, SPACING AND COLOR, SEE STANDARD TC-12.
 3. FOR BARRIER WALL MARKERS, TYPE C PLACEMENT SPACING AND COLOR, SEE STANDARD 635001 AND 635006.
 4. FOR SHOULDER RUMBLE STRIP PLACEMENT AND SPACING, SEE STANDARD 642001.

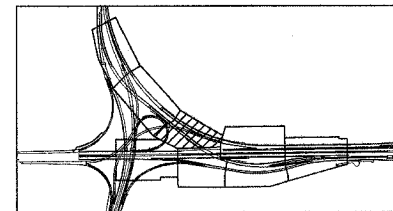
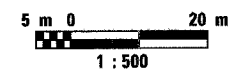


+500 +450 +400 +350 +300 +250 +200 +150

+550 +500 I-80 WB +650 +700 +750 +800 +850

I-80 EB

+300 +350 +400



REVISIONS	
NAME	DATE

PM-14

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EASTBOUND / IL 394 SOUTHBOUND

PAVEMENT MARKING PLAN
IL-94 EB

DATE: JULY 18, 2005

DRAWN BY: CTT
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects