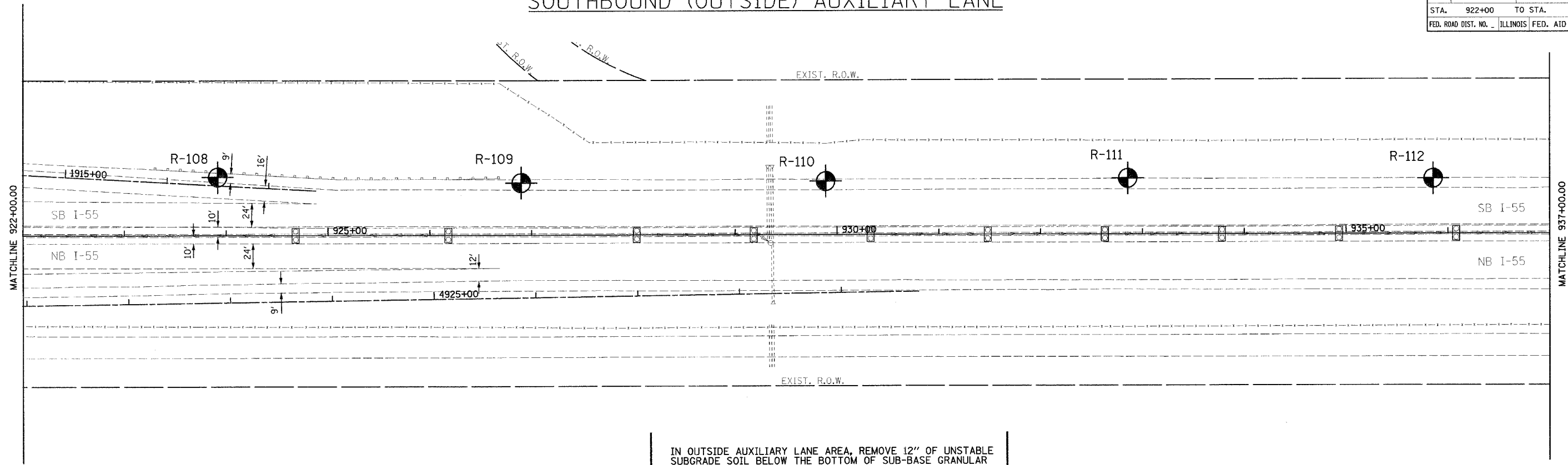
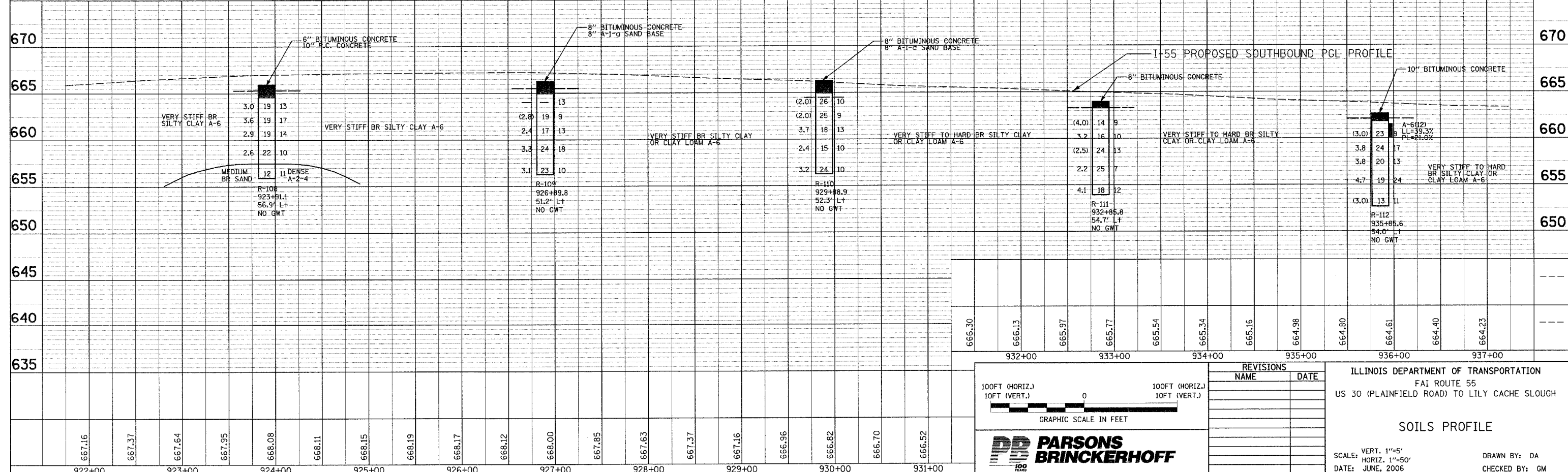


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	101
STA. 922+00		TO STA. 937+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# SOUTHBOUND (OUTSIDE) AUXILIARY LANE



IN OUTSIDE AUXILIARY LANE AREA, REMOVE 12" OF UNSTABLE SUBGRADE SOIL BELOW THE BOTTOM OF SUB-BASE GRANULAR MATERIAL LEVEL AND REPLACE WITH PGES



100FT (HORIZ.)  
10FT (VERT.)

0

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

**PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

SOILS PROFILE

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'

DATE: JUNE, 2006

DRAWN BY: DA  
CHECKED BY: GM

# SUGGESTED STAGES OF CONSTRUCTION

## PRE-STAGE

1. INSTALL "CHANGEABLE MESSAGE BOARDS" PRIOR TO THE START OF CONSTRUCTION ON FAI-55.
2. CONSTRUCT PROPOSED DETENTION BASINS IN THE N.W. AND S.E. QUADRANTS OF THE U.S. ROUTE 30 INTERCHANGE. CONSTRUCT PROPOSED PIPE CULVERT BENEATH FRONTAGE ROAD SOUTH OF U.S. ROUTE 30 AS SHOWN ON THE PLANS USING STANDARD 701201.
3. CONSTRUCT PROPOSED STORM SEWER LATERALS BENEATH EXISTING I-55 PAVEMENT AS SHOWN ON THE PLANS USING STANDARDS 701400 AND 701401 (SEE SHEET MOT-TYP-03 FOR STAGING). LANE CLOSURES WILL ONLY BE ALLOWED DURING THE OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISION FOR "KEEPING EXPRESSWAY OPEN TO TRAFFIC". ALL STORM SEWER LATERAL WORK SHALL BE COMPLETED EACH NIGHT BEFORE OPENING LANE TO THE TRAFFIC IN THE MORNING.
4. RELOCATE EXISTING LIGHTING UNITS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. ESTABLISH TRAFFIC CONTROL ON U.S. ROUTE 30 AS SHOWN ON THE PLANS. BEGIN SUBSTRUCTURE WIDENING FOR THE I-55 BRIDGES OVER U.S. ROUTE 30, E&R R.R., AND MS (ABANDONED) R.R.
6. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES TO AND FROM WORK AREAS AS SHOWN ON THE DETAIL AND APPROVED BY THE ENGINEER.
7. REMOVE EXISTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH TEMPORARY TRAFFIC LANES.
8. ESTABLISH STAGE I TRAFFIC CONTROL, INSTALL TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER AND SHIFT TRAFFIC TO STAGE I TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE I

1. REMOVE BITUMINOUS SHOULDER AND EXISTING GUARDRAIL FROM THE MEDIAN AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. COMPLETE STAGE I STRUCTURAL WORK AT THE U.S. ROUTE 30, E&R RAILROAD, MINK CREEK, MS (ABANDONED) RAILROAD AND LILY CACHE SLOUGH STRUCTURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. INSTALL PROPOSED MAIN DRAIN STORM SEWER SYSTEM AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. EXCAVATE AND CONSTRUCT EMBANKMENT.
4. CONSTRUCT AGGREGATE SUBGRADE, PROPOSED CONCRETE BASE, AND CONCRETE BARRIER AS SHOWN ON THE PLANS.
5. CONSTRUCT PROPOSED POLYMERIZED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 12-1/4" FOR NEW INSIDE LANES AND THE INSIDE SHOULDERS AS SHOWN ON THE PLANS.
6. CONSTRUCT TEMPORARY DRAINAGE FROM STA. 762+94 TO STA. 782+06 AS SHOWN ON THE STAGE II PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
7. CONSTRUCT TEMPORARY PAVEMENT BETWEEN SB AND NB EXISTING INSIDE LANES, AND INSTALL TEMPORARY CONCRETE BARRIER FROM STA. 762+94 TO STA. 782+06 AS SHOWN ON THE STAGE II PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
8. ONCE CONSTRUCTION OF THE PROPOSED CONCRETE BARRIER AND POLYMERIZED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) FOR THE NEW INSIDE LANES AND SHOULDERS IS COMPLETE, THE CONTRACTOR SHALL REMOVE CONSTRUCTION WORK ZONE DRIVEWAYS.
9. REMOVE STAGE I TEMPORARY PAVEMENT MARKING AND INSTALL STAGE II TEMPORARY PAVEMENT MARKING AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.
10. ESTABLISH STAGE II TRAFFIC CONTROL AND SHIFT TRAFFIC TO STAGE II TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE II

1. REMOVE OUTSIDE BITUMINOUS SHOULDERS AND EXISTING GUARDRAIL AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. COMPLETE STAGE II STRUCTURAL WORK AT THE U.S. ROUTE 30, E&R R.R., MS (ABANDONED) R.R. AND LILY CACHE SLOUGH STRUCTURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. CONSTRUCT PROPOSED AUXILIARY LANES UP TO THE BOTTOM OF THE PROPOSED SURFACE COURSE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. CONSTRUCT NEW OUTSIDE SHOULDERS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. COMPLETE ALL GUARDRAIL WORK AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

## STAGE II (CONT.)

6. COMPLETE ALL SIGN WORK AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS AND AS DIRECTED BY THE ENGINEER.
7. SHIFT SOUTHBOUND TRAFFIC FROM THE TEMPORARY PAVEMENT INTO EXISTING SOUTHBOUND PAVEMENT.
8. REMOVE STAGE II TEMPORARY PAVEMENT AND TEMPORARY CONCRETE BARRIER FROM STA. 762+94 TO STA. 782+06.
9. CONSTRUCT TEMPORARY DRAINAGE FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE STAGE III PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
10. CONSTRUCT TEMPORARY PAVEMENT BETWEEN SB AND NB EXISTING INSIDE LANES, AND INSTALL TEMPORARY CONCRETE BARRIER FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE STAGE III PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
11. REMOVE STAGE II TEMPORARY PAVEMENT MARKING AND INSTALL STAGE III TEMPORARY PAVEMENT MARKING AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.
12. ESTABLISH STAGE III TRAFFIC CONTROL, AND SHIFT TRAFFIC TO STAGE III TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE III (E&R R.R. AND LILY CACHE SLOUGH STRUCTURES)

1. COMPLETE ALL STRUCTURAL WORK AT THE E&R RAILROAD STRUCTURE AS SHOWN ON THE PLANS AND DIRECTED BY THE ENGINEER.
2. COMPLETE ALL STRUCTURAL WORK AT THE LILY CACHE SLOUGH STRUCTURE AS SHOWN ON THE PLANS AND DIRECTED BY THE ENGINEER.
3. REMOVE STAGE III TEMPORARY PAVEMENT MARKING AND INSTALL STAGE IV TEMPORARY PAVEMENT MARKING AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.
4. ESTABLISH STAGE IV TRAFFIC CONTROL, AND SHIFT TRAFFIC TO STAGE IV TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE IV (LILY CACHE SLOUGH STRUCTURE)

1. REMOVE TEMPORARY PAVEMENT AND TEMPORARY CONCRETE BARRIER FROM STA. 761+75 TO STA. 782+25. INSTALL PROPOSED DRAINAGE WITHIN WORK ZONE AREA FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. CONSTRUCT AGGREGATE SUBGRADE, PROPOSED CONCRETE BASE AND CONCRETE BARRIER FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. CONSTRUCT PROPOSED POLYMERIZED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 12-1/4" FOR NEW INSIDE LANES AND THE INSIDE SHOULDERS FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. REMOVE STAGE IV TEMPORARY PAVEMENT MARKING AND TRAFFIC CONTROL.

## STAGE V

1. USING FREEWAY STANDARDS 701400, 701401 AND 701446 FOR ONE LANE AND TWO LANE CLOSURES DURING OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISION FOR "KEEPING EXPRESSWAY OPEN TO TRAFFIC" THE CONTRACTOR SHALL PERFORM THE FOLLOWING OPERATIONS:
  - A. MILL EXISTING LANES AND CONSTRUCT THE SURFACE COURSE IN THE FOLLOWING ORDER:
    - 1 - CENTER LANES
    - 2 - INSIDE LANES
    - 3 - INSIDE SHOULDERS
    - 4 - OUTSIDE LANES
  - B. THE CONTRACTOR SHALL RESURFACE MILLED PAVEMENT WITHIN FOUR CALENDAR DAYS.
  - C. CONSTRUCT RUMBLE STRIPS, INSTALL PERMANENT PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS.
  - D. OPEN LANES TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING PLANS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	102
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		MOT-TYP-01	OF	05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF  
 CONSTRUCTION AND TRAFFIC  
 CONTROL GENERAL NOTES



SCALE: NONE  
 DATE: 06-30-06  
 DRAWN BY: DM  
 CHECKED BY: DVS

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	103
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	MOT-TYP-02 OF 05			

# TRAFFIC CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND TRAFFIC CONTROL OPERATIONS WITH ADJACENT CONTRACTS. THE COST OF ANY ADDITIONAL TRAFFIC CONTROL AND/OR TEMPORARY CONSTRUCTION ITEMS REQUIRED FOR SUCH COORDINATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)"

2. PRIOR TO REMOVING TRAFFIC CONTROL FOR LANE CLOSURES THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN.

3. THE CONTRACTOR SHALL INSTALL TEMPORARY W21-1108 SIGNS ON BOTH SIDES OF THE ROADWAY IN ADVANCE OF THE AREAS WITH A GRADE DIFFERENTIAL BETWEEN LANES AND AFTER EACH ENTRANCE RAMP. SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER. THE COST OF THE SIGNS WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)". THESE SIGNS SHALL BE 48X48 INCHES.

4. THE REGULATORY SPEED LIMIT SHALL BE REDUCED TO 55 MPH DURING STAGE I ADJACENT TO AND BEFORE THE WORK AREAS WHERE TEMPORARY CONCRETE BARRIER IS INSTALLED AND TO 45 MPH DURING STAGE I AND II ADJACENT TO WORK AREAS WHERE TEMPORARY CONCRETE BARRIER IS NOT INSTALLED AS FOLLOWS:

A. IN CONJUNCTION WITH IMPLEMENTING TRAFFIC CONTROL AS SHOWN ON THE PLANS FOR STAGES I AND II, THE CONTRACTOR SHALL:

- SIMULTANEOUSLY COVER THE EXISTING REGULATORY SPEED LIMIT SIGNS AND ERECT 55 OR 45 MPH REGULATORY SPEED LIMIT SIGNS (R2-1, 48"X60") ADJACENT TO ALL EXISTING SPEED LIMIT SIGNS WITHIN THE WORK AREA LIMITS AS DIRECTED BY THE ENGINEER.

- SIMULTANEOUSLY ERECT SIGNS AS SHOWN IN THE "SPEED LIMIT REDUCTION SIGNING" DIAGRAM ON BOTH SIDES OF THE TRAVELED WAY AND COVER THE EXISTING REGULATORY SPEED LIMIT SIGNS WITHIN THE LIMITS OF THE "SPEED LIMIT REDUCTION SIGNING."

B. THE EXISTING SPEED LIMIT SIGNING OUTSIDE THE WORK AREA LIMITS AND BEYOND THE "SPEED LIMIT REDUCTION SIGNING" SHALL BE MAINTAINED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

C. THE CONTRACTOR SHALL UNCOVER THE EXISTING SPEED LIMIT SIGNS AND REMOVE THE 55 OR 45 MPH REGULATORY SPEED LIMIT SIGNS SIMULTANEOUS WITH THE REMOVAL OF TRAFFIC CONTROL DEVICES IN ANY SEGMENT OF THE ROADWAY AS DIRECTED BY THE ENGINEER.

D. THE COST OF THIS WORK (NOTE 5) SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."

5. THE PROJECT WORK AREA CONSISTS OF ROADWAY AND BRIDGE WORK WITHIN THE FOLLOWING THREE MAIN CONSTRUCTION SEGMENTS:

- U.S. ROUTE 30, E.J. & E. RAILROAD, AND MINK CREEK
- MATERIAL SERVICE RAILROAD (ABANDONED)
- LILY CACHE SLOUGH

WORK ZONE TRAFFIC CONTROL DEVICES AND SIGNING SHALL BE PLACED WITHIN AND BETWEEN THESE CONSTRUCTION SEGMENTS AS SHOWN ON THE MOT PLANS OR AS DIRECTED BY THE ENGINEER.

6. DURING STAGE I THE CONTRACTOR SHALL ERECT REGULATORY HIGHWAY SIGNS R4-5 (48"X60") "TRUCKS USE LEFT LANE" ON BOTH SIDES OF THE TRAVEL LANES AT 1/2 MILE AND 1 MILE IN ADVANCE OF THE WORK ZONE, AT 1/2 MILE INTERVALS ADJACENT TO THE WORK ZONE, AND AT EACH ENTRANCE RAMP OF THE PROJECT AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL ONLY BE PLACED ADJACENT TO THE ROADWAY, WHICH IS LOCATED WITHIN THE WORK ZONE AREAS. THE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "TEMPORARY INFORMATION SIGNING".

7. DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. DURING MILLING AND PAVING OPERATIONS, THE CONTRACTOR SHALL USE ONE FOOT VERTICAL BARRICADES WITH STEADY BURN LIGHTS ALONG THE MILLING AND PAVING OPERATIONS. THE TYPE OF VERTICAL BARRICADES SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BEING USED ON THE PROJECT. DRUMS OR TYPE II BARRICADES SHALL BE USED TO DELINEATE ALL OPEN RAMPS THROUGHOUT THE WORK ZONE.

8. SINCE THIS IS AN EXPRESSWAY FACILITY, THE CONTRACTOR MAY HAVE CREWS WORKING IN BOTH DIRECTIONS AT THE SAME TIME.

9. SEE GENERAL NOTES FOR TREATMENT OF RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES.

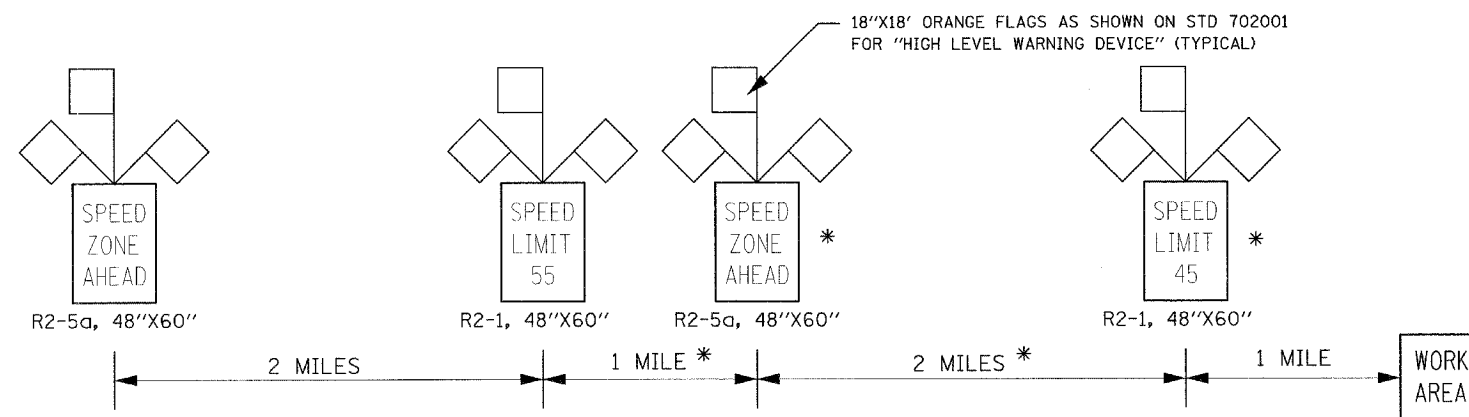
# LIST OF TRAFFIC CONTROL STATE AND DISTRICT 1 STANDARDS

## STATE

- 701101 OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM EDGE OF PAVEMENT
- 701106 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15') AWAY
- 701201 APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701400 LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEED > OR = 45 MPH
- 701401 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402 LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
- 701411 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > OR = 45 MPH
- 701446 TWO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701601 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN.
- 702001 TRAFFIC CONTROL DEVICES
- 704001 TEMPORARY CONCRETE BARRIER

## DISTRICT 1

- TC09 TRAFFIC CONTROL DETAILS FRO FREEWAY SINGLE AND MULTI-LANE WEAVE
- TC11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
- TC13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC17 TRAFFIC CONTROL DETAILS FOR SHOULDER CLOSURES PARTIAL RAMP CLOSURES
- TC18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS



## SPEED LIMIT REDUCTION SIGNING

\* THE SIGNS AND SEGMENTS MARKED WITH AN ASTERISK ARE NOT REQUIRED WHEN THE SPEED LIMIT IS ONLY REDUCED TO 55 M.P.H.

REVISIONS	
NAME	DATE

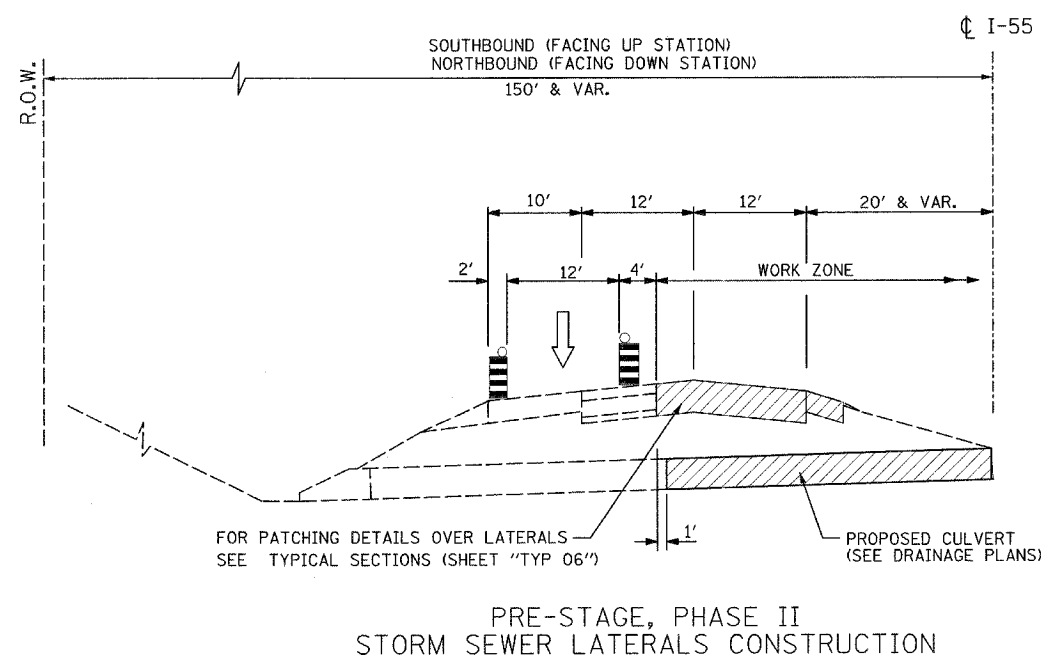
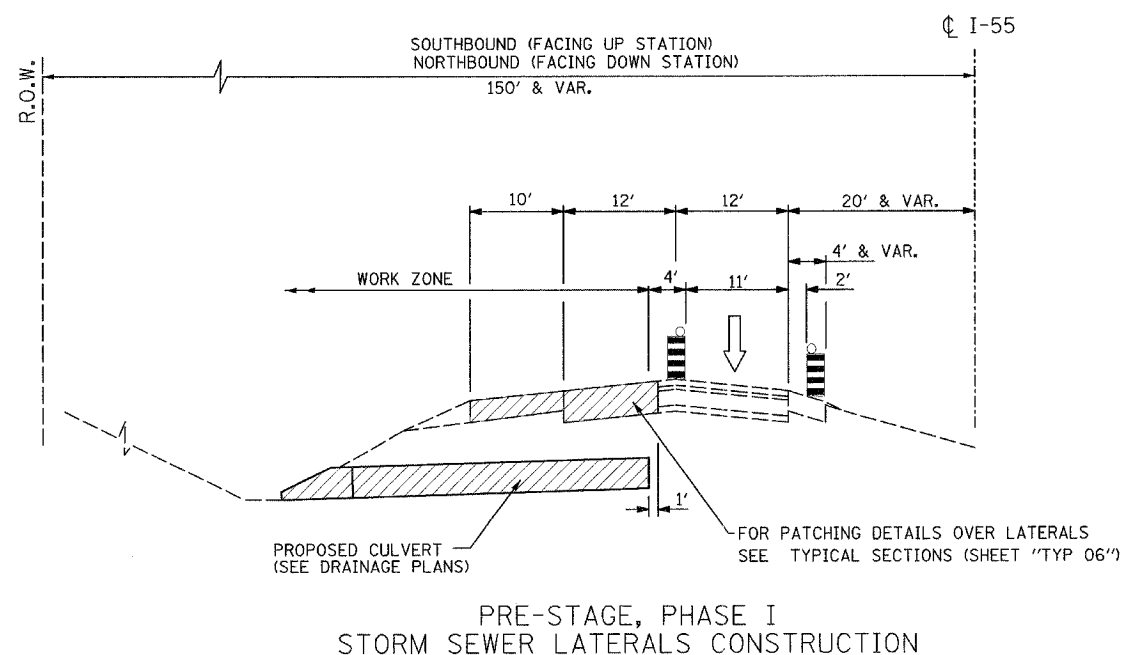
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF  
 CONSTRUCTION AND TRAFFIC  
 CONTROL GENERAL NOTES

SCALE: NONE  
 DATE: 07-21-06

DRAWN BY: DM  
 CHECKED BY: DVS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	104
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		MOT-TYP-03 OF 05		



**LEGEND**

- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (30FT/10FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90, 1 3/4"
- ⑤ BITUMINOUS BASE COURSE, SUPERPAVE, N90, 10 1/4"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ AGGREGATE SHOULDER, TYPE B
- ▨ VERTICAL PANELS OR VERTICAL BARRICADES AT 100' IN CURVES AND 200' IN TANGENTS
- ▨ DRUMS W/ STEADY BURN LIGHTS AT 50' C-C IN TAPERS AND 100' C-C IN TANGENTS
- ▨ WORK ZONE
- ↑ TRAFFIC FLOW ARROW
- ▨ TEMPORARY CONCRETE BARRIER

**NOTE:**  
STORM SEWER LATERAL CONSTRUCTION SHALL BE COMPLETED DURING OFF-PEAK HOURS AS APPROVED BY THE ENGINEER. HIGHWAY STANDARDS 701400 AND 701404 SHALL APPLY.

**PRE-STAGE**

REVISIONS	
NAME	DATE
D. MELNIK	08/01/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

SUGGESTED STAGES OF  
CONSTRUCTION AND TRAFFIC  
CONTROL GENERAL NOTES

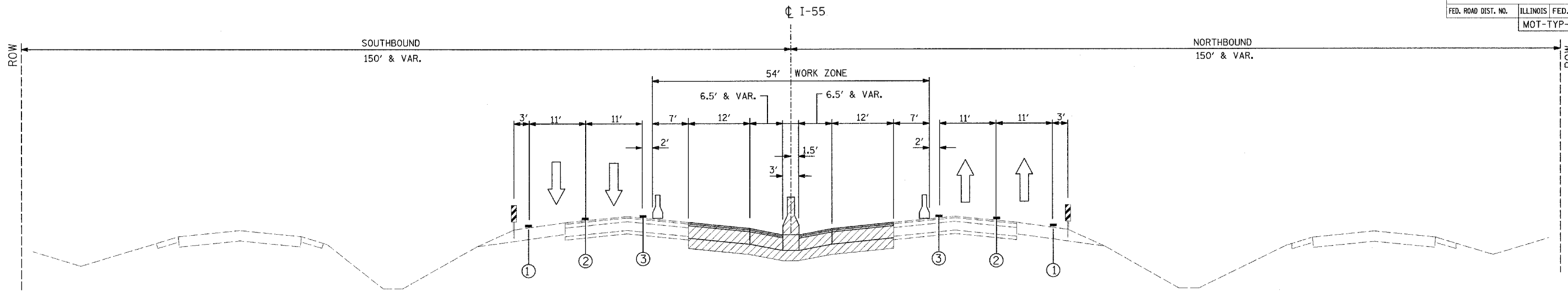
SCALE: NONE  
DATE: 06-30-06

DRAWN BY: DM  
CHECKED BY: DVS



**FINAL**

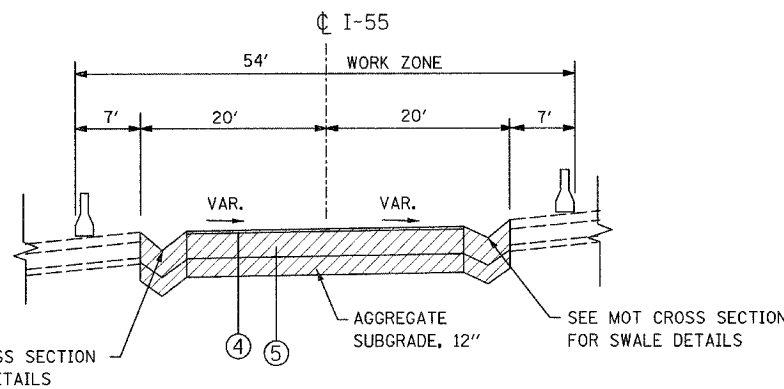
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	105
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		MOT-TYP-04	OF	05



CONSTRUCTION TYPICAL SECTION  
STAGE I

LEGEND

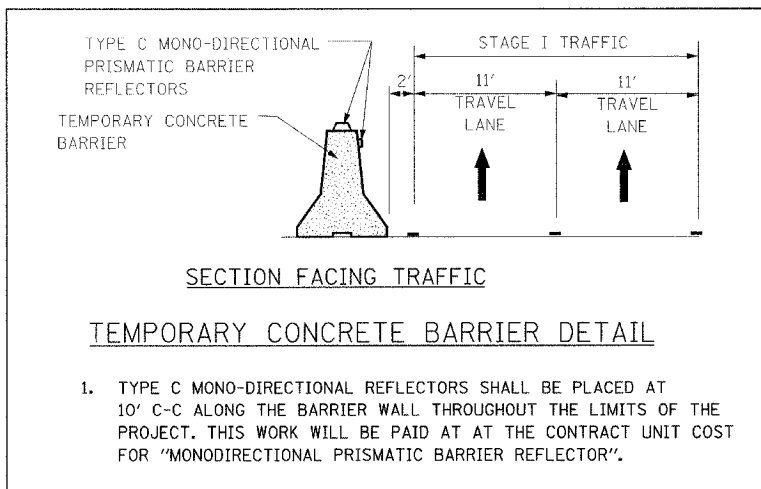
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (30FT/10FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90, 1 3/4"
- ⑤ BITUMINOUS BASE COURSE, SUPERPAVE, N90, 10 1/4"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ AGGREGATE SHOULDER, TYPE B
- Vertical panels or vertical barricades at 100' in curves and 200' in tangents
- Drums w/ steady burn lights at 50' c-c in tapers and 100' c-c in tangents
- Work zone
- Traffic flow arrow
- Temporary concrete barrier



CONSTRUCTION TYPICAL SECTION  
STAGE I & II

STA. 762+94 TO STA. 782+06 STAGE I  
STA. 761+75 TO STA. 782+25 STAGE II  
SEE MOT CROSS SECTIONS FOR DETAILS  
(TEMPORARY PAVEMENT CONSTRUCTION NEAR LILY CACHE SLOUGH)

NOTE:  
DRUMS SHALL BE PLACED AT 100 FT INTERVALS ALONG THE INSIDE AND OUTSIDE LANES BETWEEN CONSTRUCTION SEGMENTS, OR AS DIRECTED BY THE ENGINEER.



TEMPORARY CONCRETE BARRIER DETAIL

1. TYPE C MONO-DIRECTIONAL REFLECTORS SHALL BE PLACED AT 10' C-C ALONG THE BARRIER WALL THROUGHOUT THE LIMITS OF THE PROJECT. THIS WORK WILL BE PAID AT AT THE CONTRACT UNIT COST FOR "MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR".

STAGE I

REVISIONS	
NAME	DATE
D. MELNIK	08/01/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
SUGGESTED STAGES OF  
CONSTRUCTION AND TRAFFIC  
CONTROL GENERAL NOTES

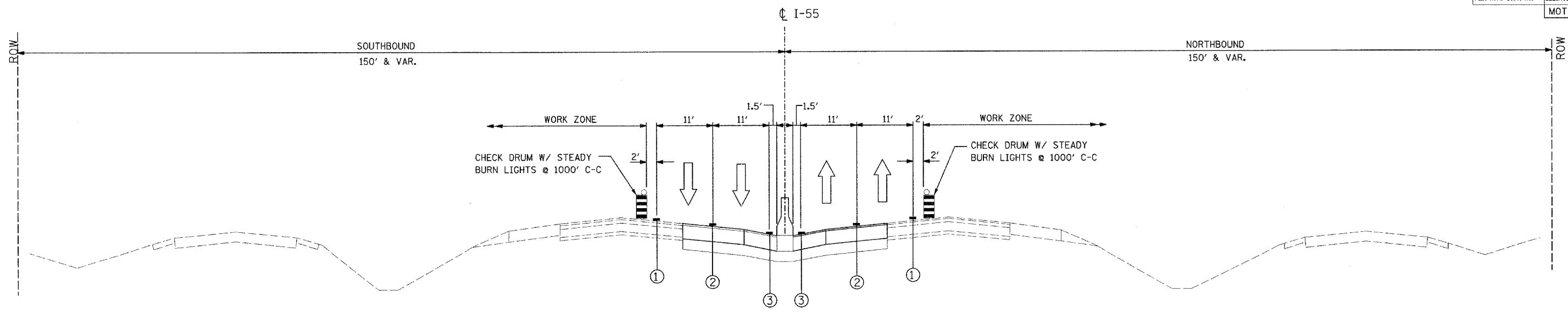
SCALE: NONE  
DATE: 06-30-06

DRAWN BY: DM  
CHECKED BY: DVS



FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	106
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOT-TYP-05 OF 05		



CONSTRUCTION TYPICAL SECTION  
STAGE II

MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	RAP %	AIR VOIDS
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N90	PG 64-22	10	4% @ 90
BITUMINOUS BASE COURSE, SUPERPAVE, IL-19, N90-MIN LIFT 2 1/4"	PG 64-22	10	4% @ 90
CLASS D PATCHES (BINDER IL-25, N105)	PG 64-22	10	4% @ 105
BITUMINOUS REPLACEMENT OVER PATCHES (BINDER IL-25, N105)	PG 64-22	10	4% @ 105

WEIGHT NOTE:

1) THE UNIT WEIGHT OF 112 LBS/SQ YD/ INCH THICKNESS WAS USED TO CALCULATE ALL OTHER BITUMINOUS SURFACE MIXTURES.

NOTE:

DRUMS SHALL BE PLACED AT 100 FT INTERVALS ALONG THE INSIDE AND OUTSIDE LANES BETWEEN CONSTRUCTION SEGMENTS, OR AS DIRECTED BY THE ENGINEER.

LEGEND

- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (30FT/10FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90, 1 3/4"
- ⑤ BITUMINOUS BASE COURSE, SUPERPAVE, N90, 10 1/4"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ AGGREGATE SHOULDER, TYPE B
- VERTICAL PANELS OR VERTICAL BARRICADES AT 100' IN CURVES AND 200' IN TANGENTS
- DRUMS W/ STEADY BURN LIGHTS AT 50' C-C IN TAPERS AND 100' C-C IN TANGENTS
- WORK ZONE
- TRAFFIC FLOW ARROW
- TEMPORARY CONCRETE BARRIER

STAGE II

REVISIONS	
NAME	DATE
D. MELNIK	07/28/06
D. MELNIK	08/01/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
SUGGESTED STAGES OF  
CONSTRUCTION AND TRAFFIC  
CONTROL GENERAL NOTES

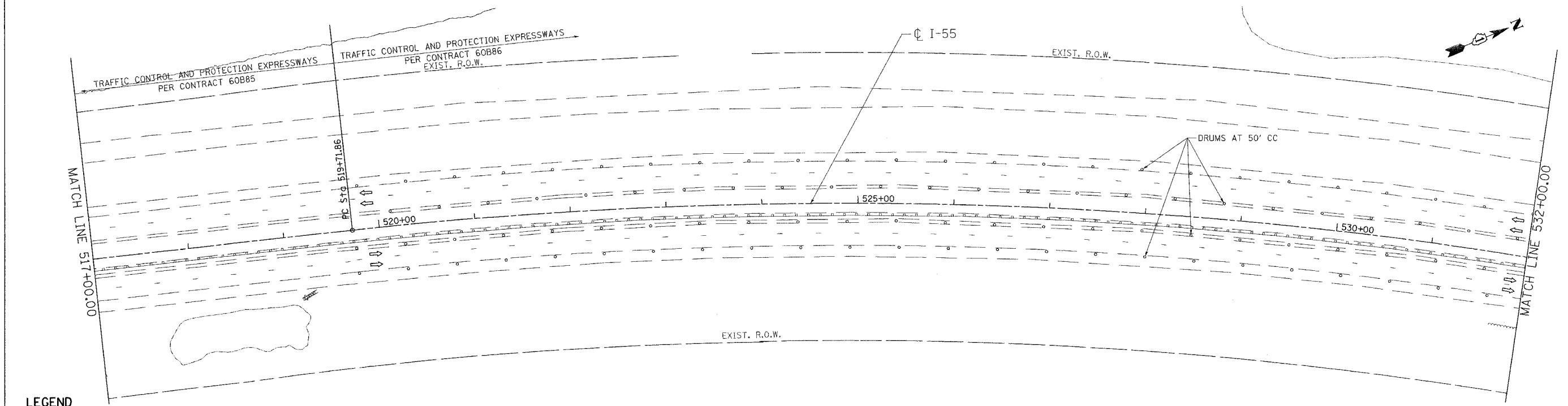
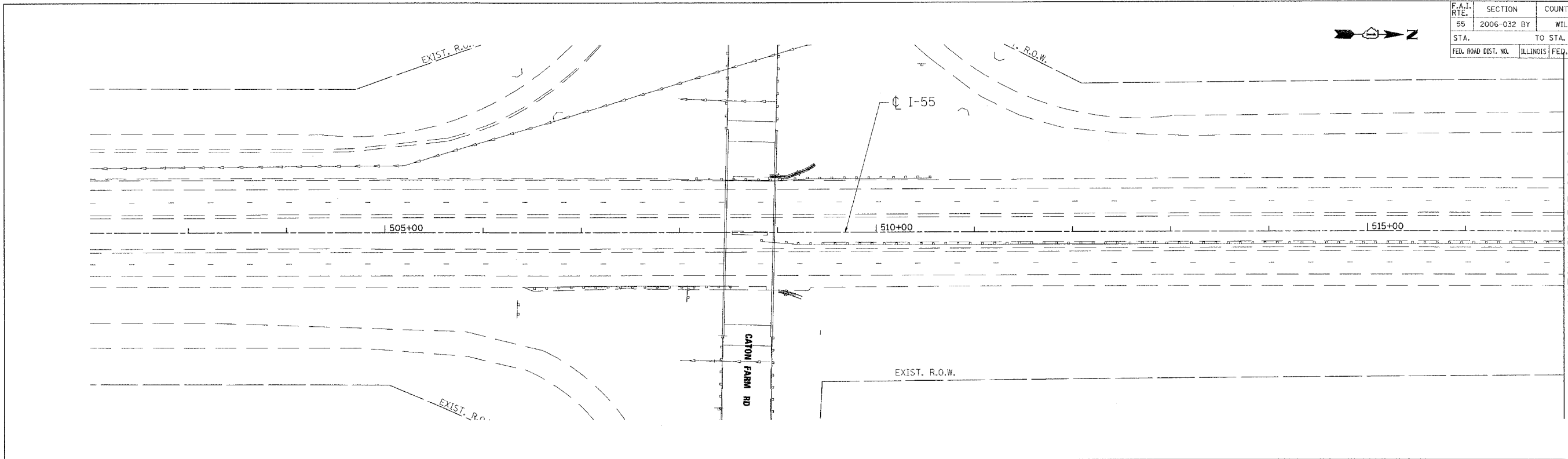
SCALE: NONE  
DATE: 07-21-06

DRAWN BY: DM  
CHECKED BY: DVS



FINAL

CONTRACT NO. 60B86				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL.	505	107
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PVMT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PVMT. MARKING TAPE, TYPE III, 5" (10' DASH 30' SKIP)
- ④ PVMT. MARKING TAPE, TYPE III, 4" WHITE (2' DASH 6' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

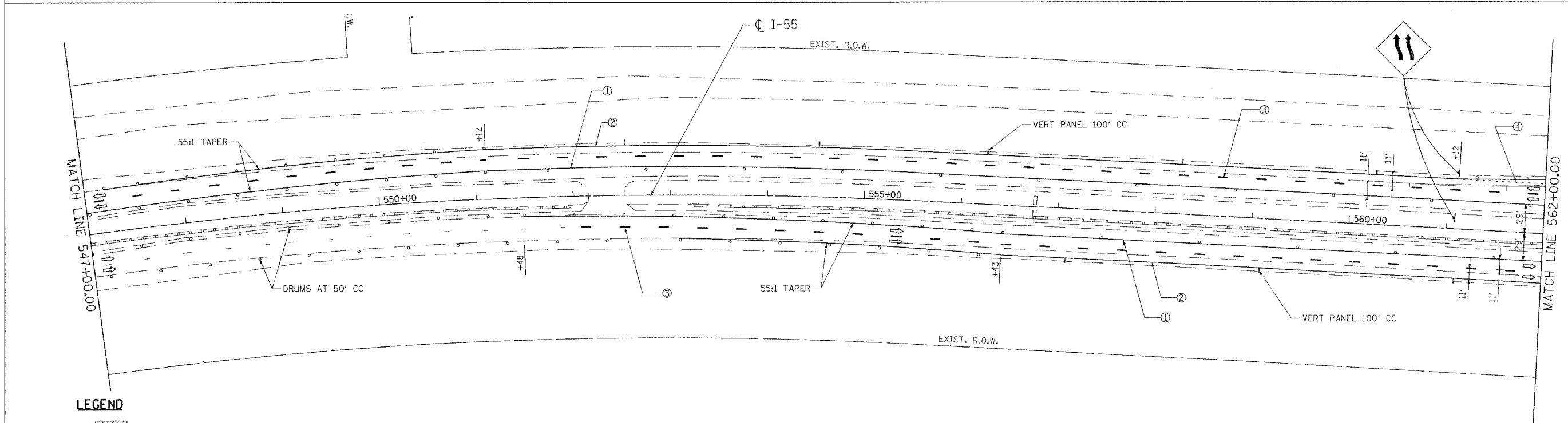
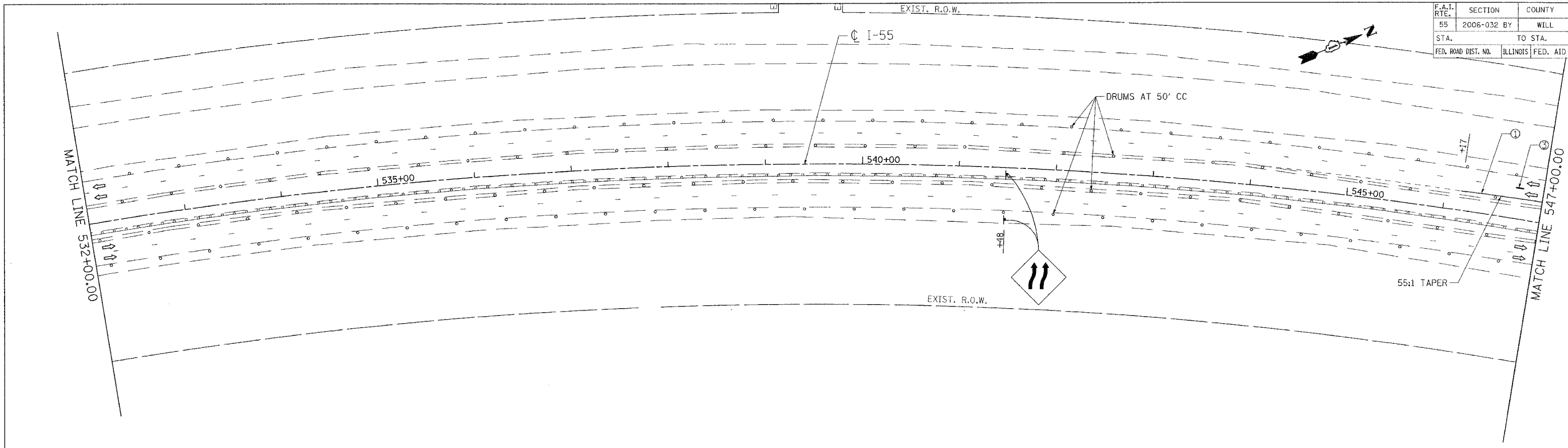
**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE I  
 STA. 502+00.00 TO STA. 532+00.00**

SCALE: 1"=50'      DRAWN BY JFS  
 DATE 07/21/06      CHECKED BY DDH

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

PLOT DATE = 07/21/06    PLOT SCALE = 1"=50'    PLOT USER = JFS  
 USER NAME = JFS    DATE = 07/21/06    SCALE = 1"=50'    USER = JFS  
 7-18-2006 17:28:56    SA:\DOCUMENT\02\60B86\CT\1\1\CON\T101\113.SHT    BA\ZK\J

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	108
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS

- ① PVMT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PVMT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PVMT. MARKING TAPE, TYPE III, 5" (10' DASH 30' SKIP)
- ④ PVMT. MARKING TAPE, TYPE III, 4" WHITE (2' DASH 6' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**STAGING AND TRAFFIC CONTROL**  
**FAI 55 - STAGE I**  
**STA. 532+00.00 TO STA. 562+00.00**

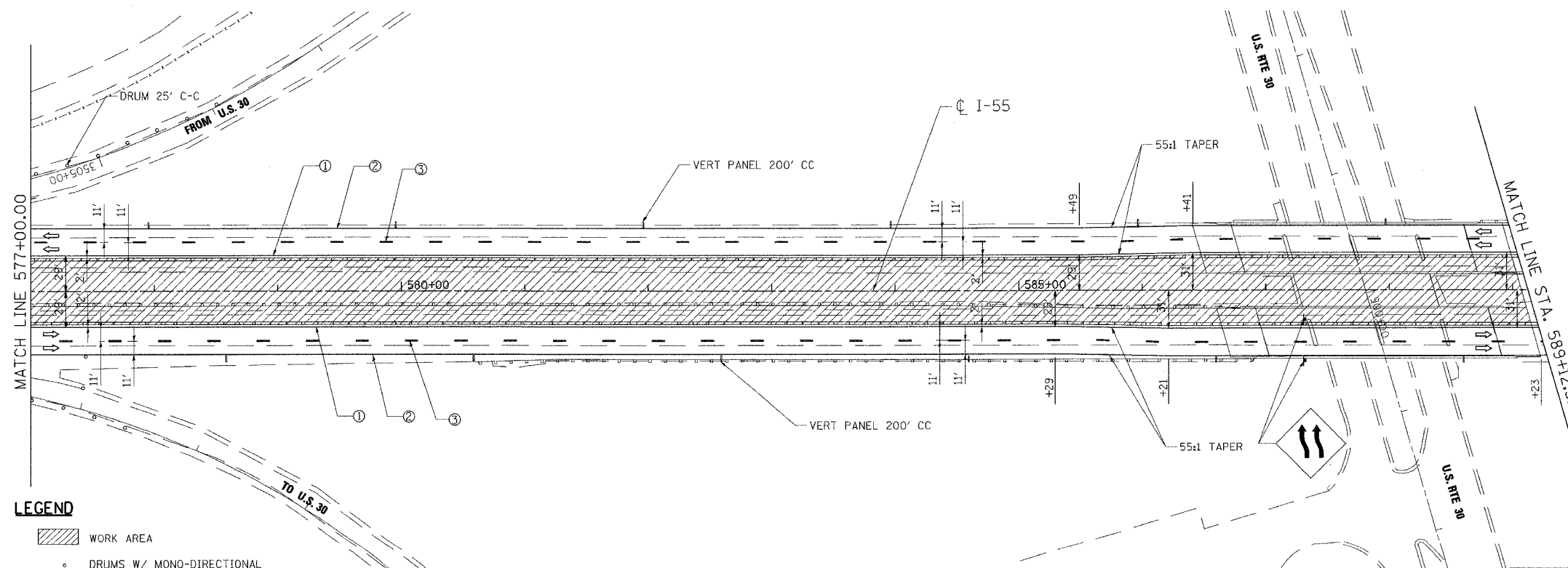
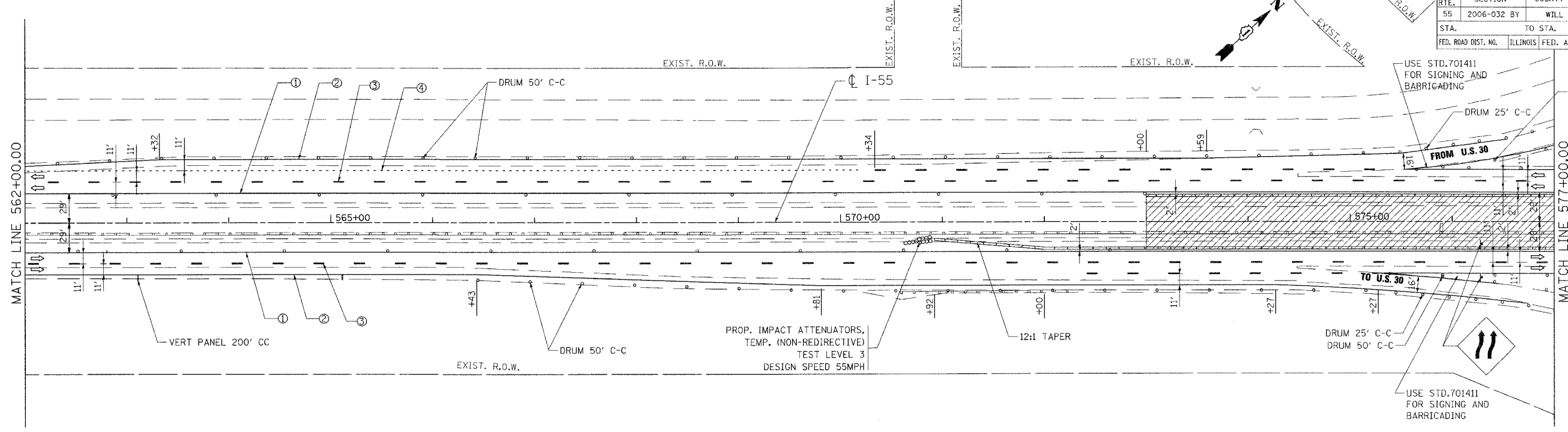
SCALE: 1"=50'  
 DATE 07/21/06  
 DRAWN BY AG  
 CHECKED BY DDH

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

PLOT DATE = 08/01/06  
 PLOT SCALE = 1"=50'  
 USER NAME = MUSER



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	109
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PVMT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PVMT. MARKING TAPE, TYPE III, 5" (10' DASH 30' SKIP)
- ④ PVMT. MARKING TAPE, TYPE III, 4" WHITE (2' DASH 6' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

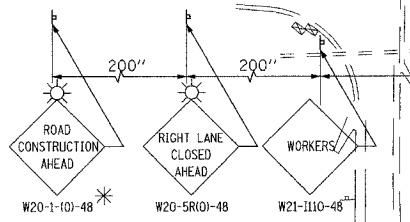
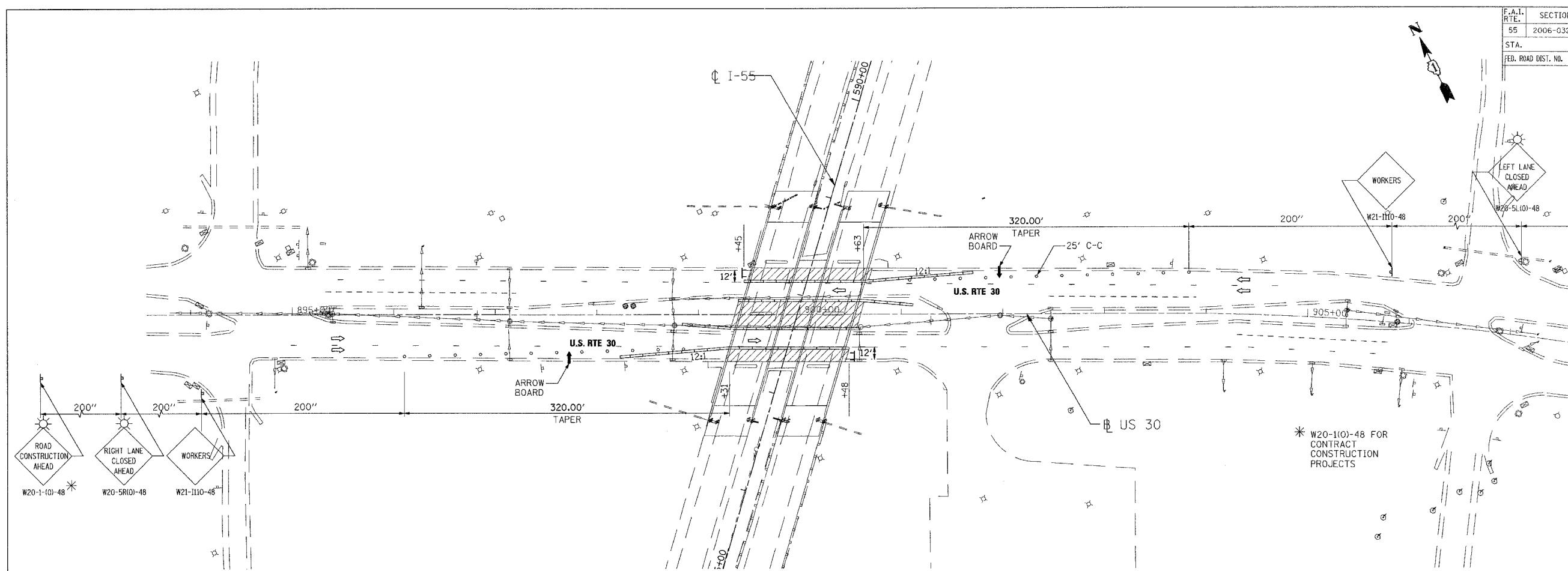
**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE I  
 STA. 562+00.00 TO STA. 589+12.32**

SCALE: 1"=50'      DRAWN BY AG  
 DATE 07/21/06      CHECKED BY DDH

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

PLOT DATE: 07/21/06  
 PLOT SCALE: 1"=50'  
 USER NAME: DDH  
 7-18-2006 17:24:12  
 S:\DOCUMENT\02\61501\CIVIL\DDH\WTR\115.SHT  
 BA-ZE6KJ  
 \AL\914801.DGN, \VR\014802.DGN, \R\914801.DGN, \L\914801.DGN, \R\914802.DGN, \V\914801.DGN, \L\914802.DGN, \M\914801.DGN, \M\914802.DGN

CONTRACT NO. 60886				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	110
STA.	TO STA.			
FEB. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS

- ① PVMT. MARKING TAPE, TYPE III, 4", YELLOW
- ② PVMT. MARKING TAPE, TYPE III, 4", WHITE
- ③ PVMT. MARKING TAPE, TYPE III, 5" (10' DASH 30' SKIP)
- ④ PVMT. MARKING TAPE, TYPE III, 4" WHITE (2' DASH 6' SKIP)

NOTE:  
 TRAFFIC CONTROL AND PROTECTION ON U.S. ROUTE 30 SHALL BE IN ACCORDANCE WITH STANDARD 701601 AND SHALL BE PAID AT THE LUMP SUM CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, 701601" AND SHALL INCLUDE ANY ADDITIONAL APPLICATIONS OF THE STANDARD NOT SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

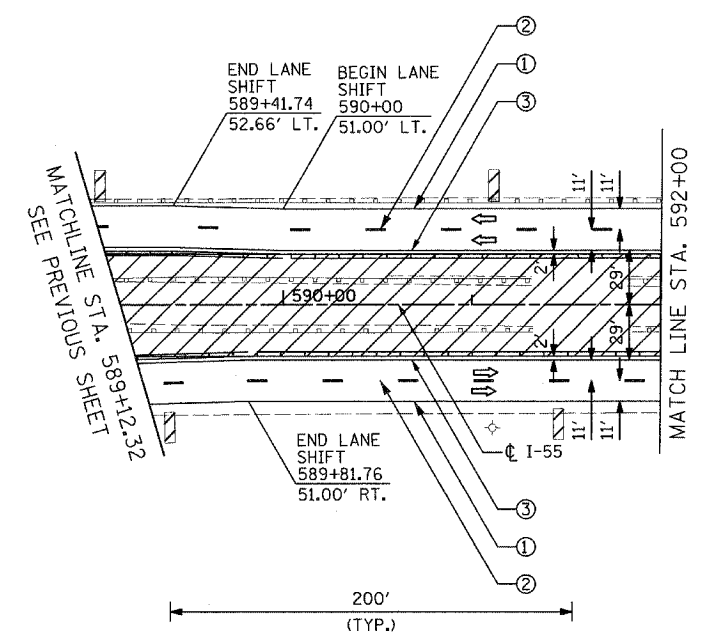
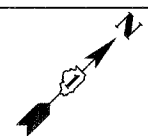
**STAGING AND TRAFFIC CONTROL  
 U.S. RTE 30**

SCALE: DATE 07/21/06 DRAWN BY JFS  
 CHECKED BY DDH

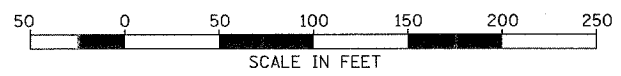
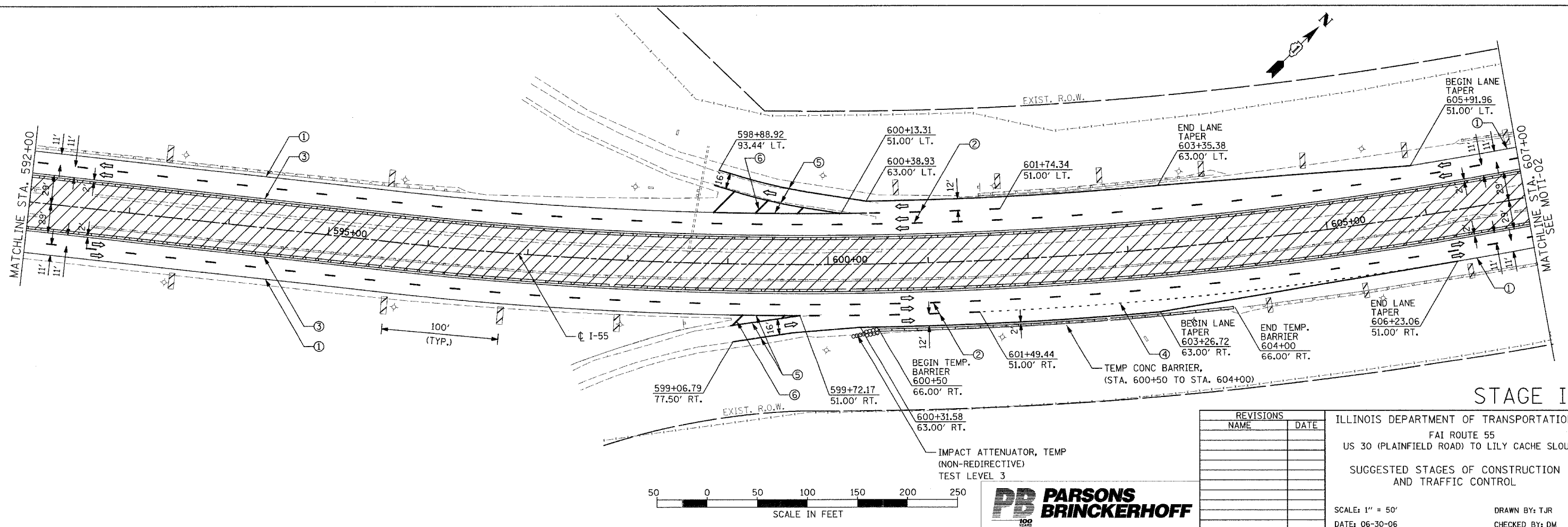
**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = 8/11/06  
 FILE NAME = 071106.DWG  
 USER NAME = JFS  
 7:18:28 AM, 7/21/06  
 N:\GIS\ROADS\CONTRACTS\2006\032\BY WILL\DOCUMENT\N225258\PLAN\CITYL\CON\N1101422\23.PLT  
 8:00 AM 8/11/06  
 USER NAME = JFS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	111
STA. 577+00 TO STA. 607+00				
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
		MOTI-01 OF 08		



- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMP CONCRETE BARRIER
  - DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
  - BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
  - VERTICAL PANELS / BARRICADES  
\*See Standards for Spacing
  - ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
  - ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
  - ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 06-30-06







DRAWN BY: TJR  
 CHECKED BY: DM

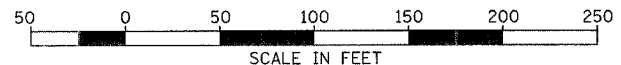
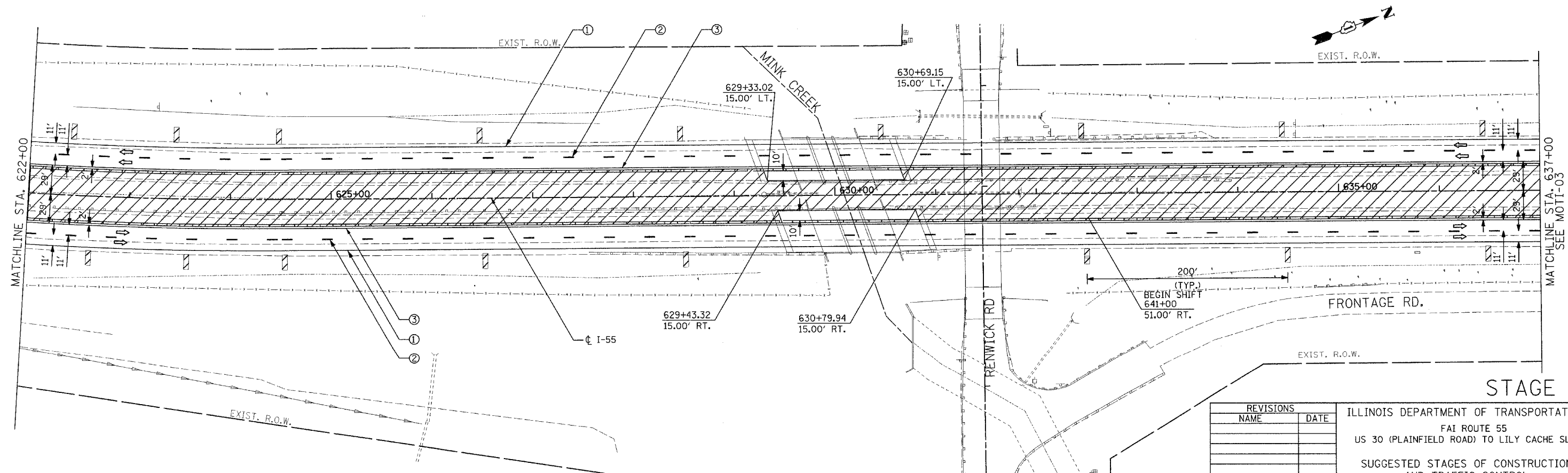
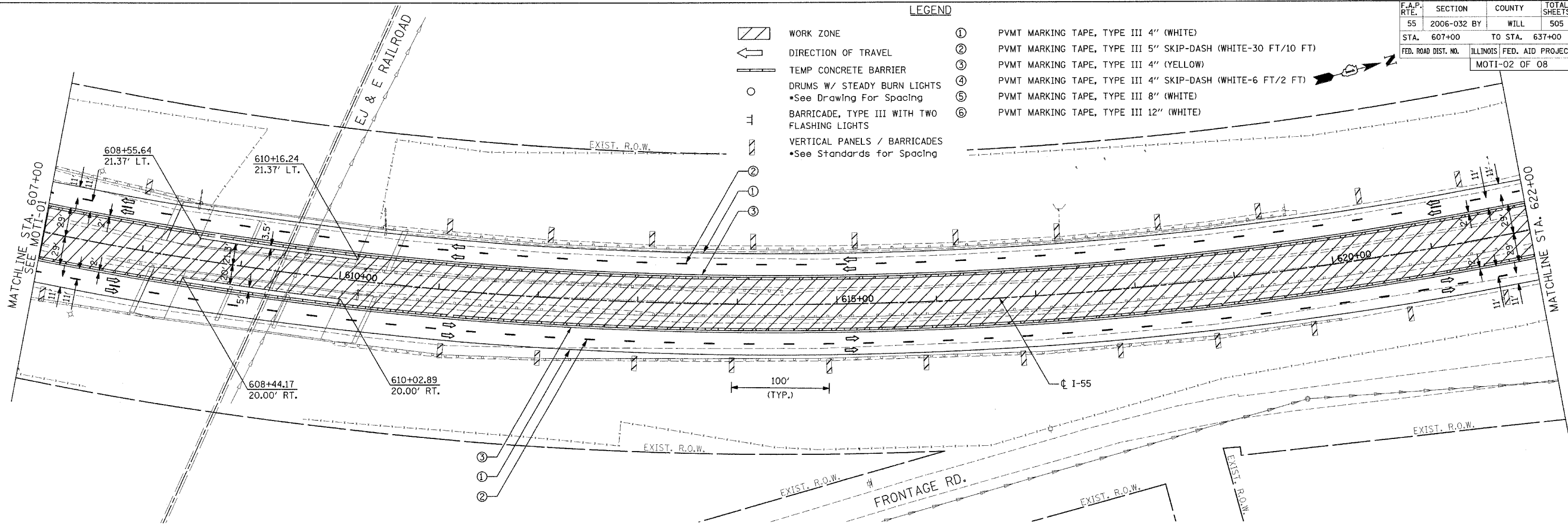
STAGE I

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	112
STA. 607+00		TO STA. 637+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTI-02 OF 08		

**LEGEND**

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
- ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
- ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 06-30-06







DRAWN BY: TJR  
 CHECKED BY: DM

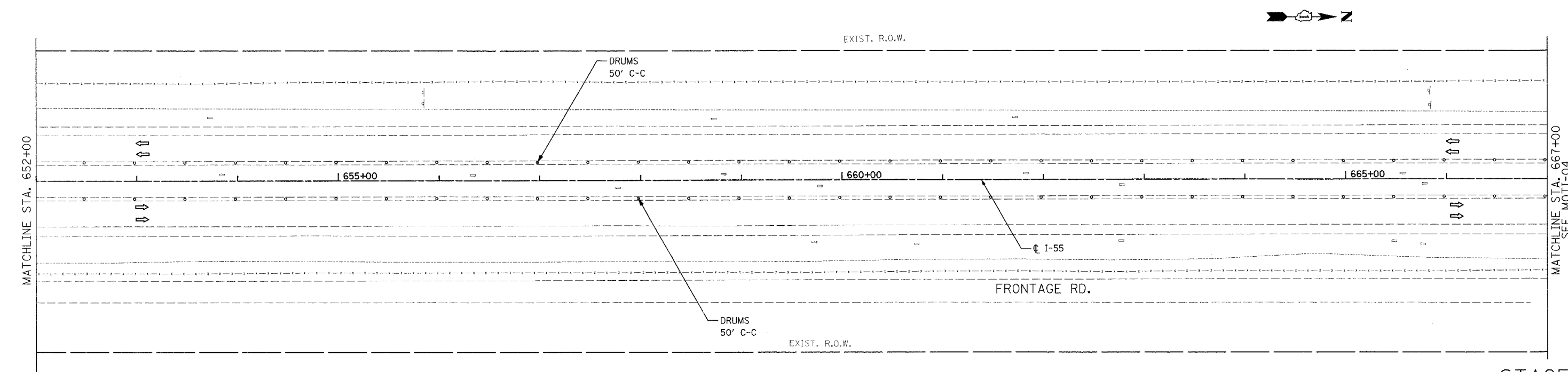
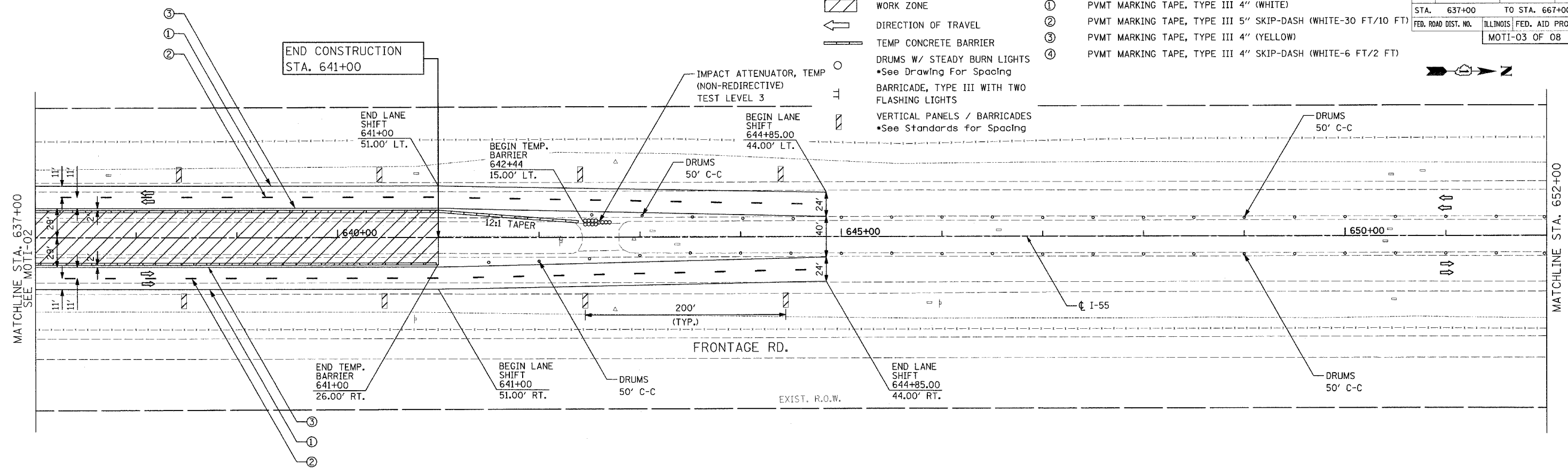
STAGE I

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	113
STA. 637+00		TO STA. 667+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTI-03 OF 08		

LEGEND

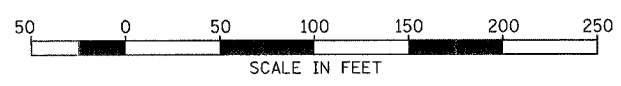
-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE I

REVISIONS	
NAME	DATE







ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

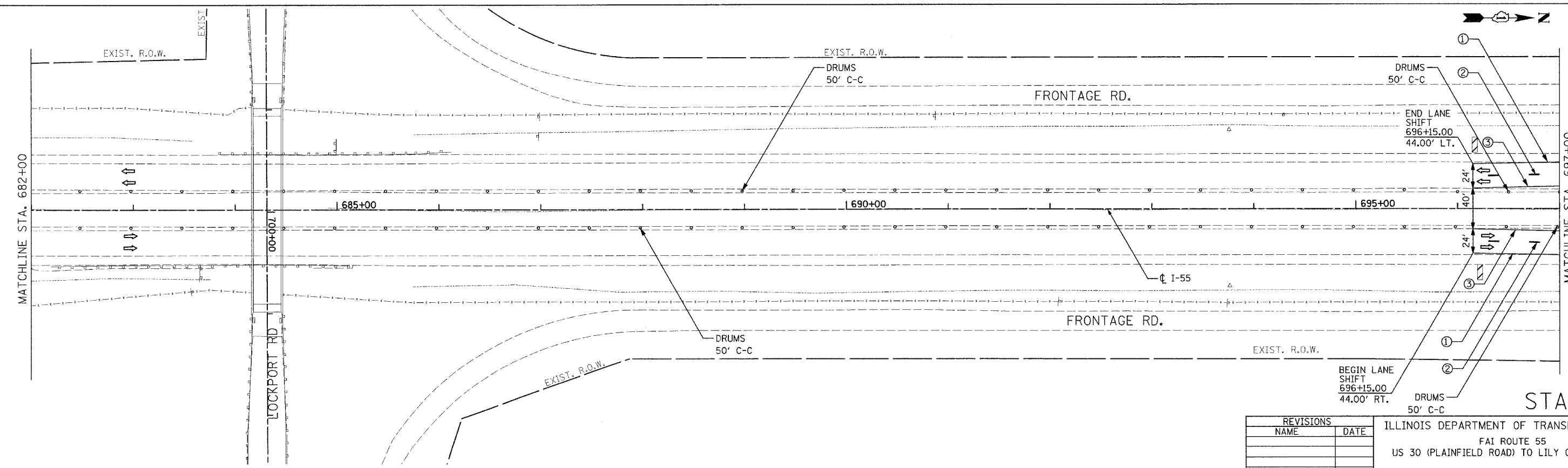
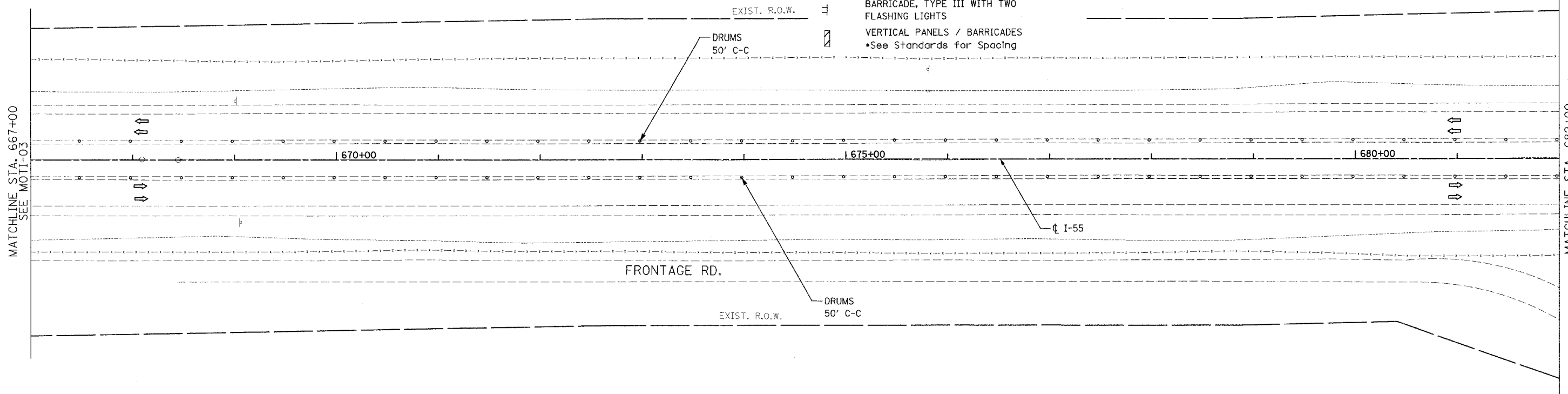


FINAL

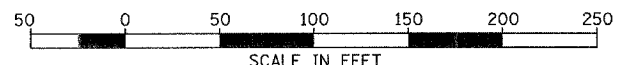
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	114
STA. 667+00	TO STA. 697+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	MOTI-04 OF 08			

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
\*See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE I









REVISIONS	
NAME	DATE

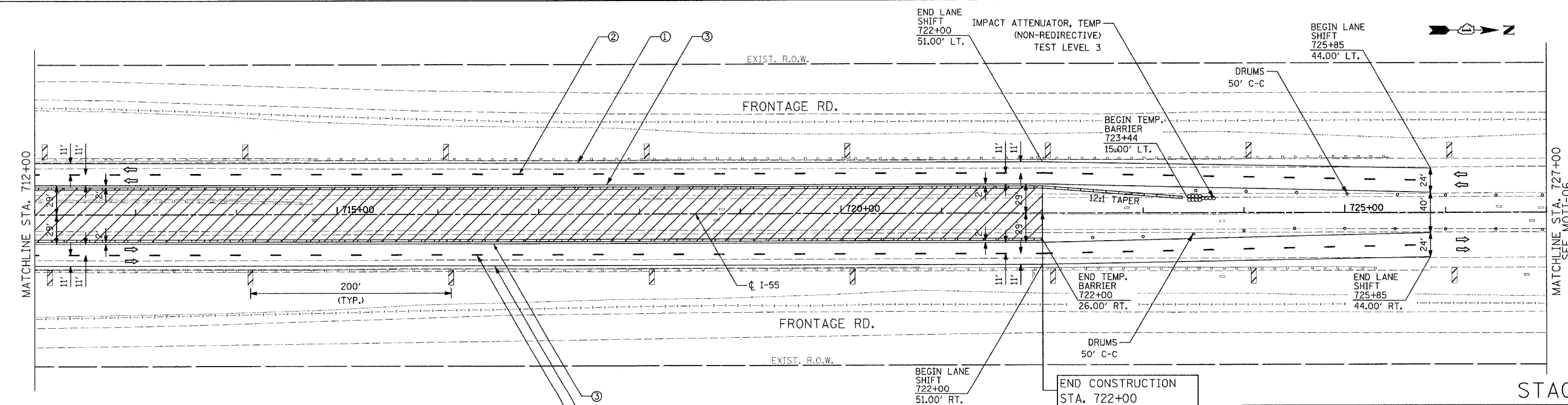
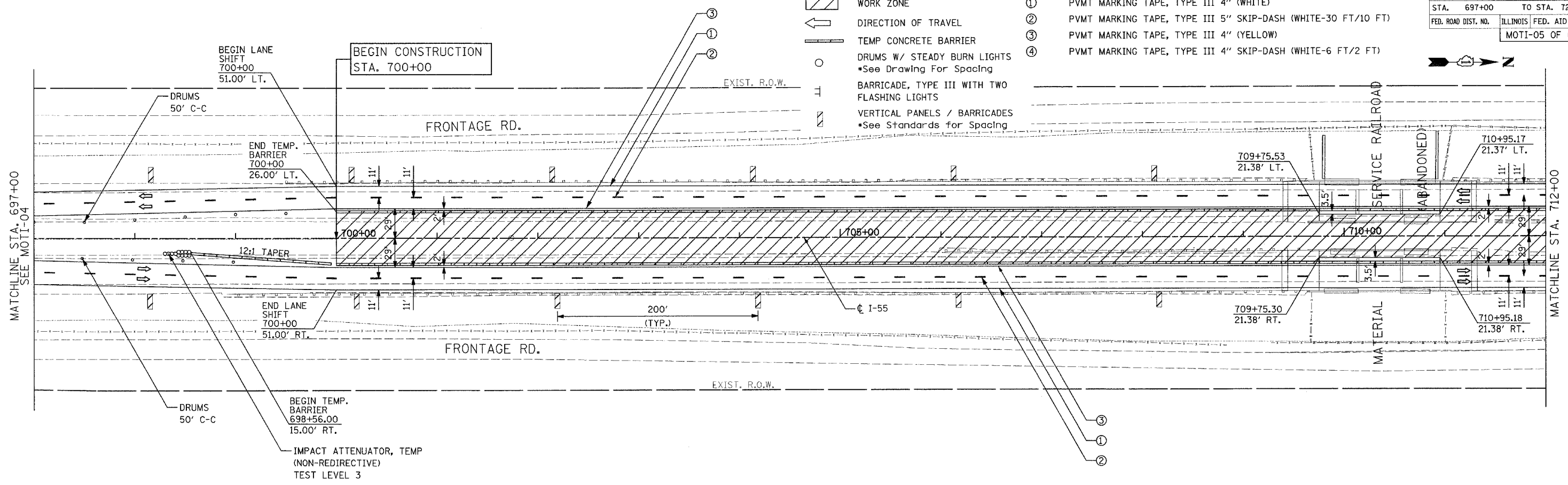
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

FINAL

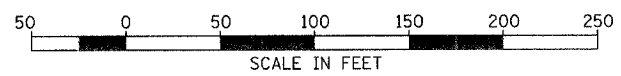
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	115
STA. 697+00		TO STA. 727+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTI-05 OF 08		

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
\*See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE I









REVISIONS	
NAME	DATE

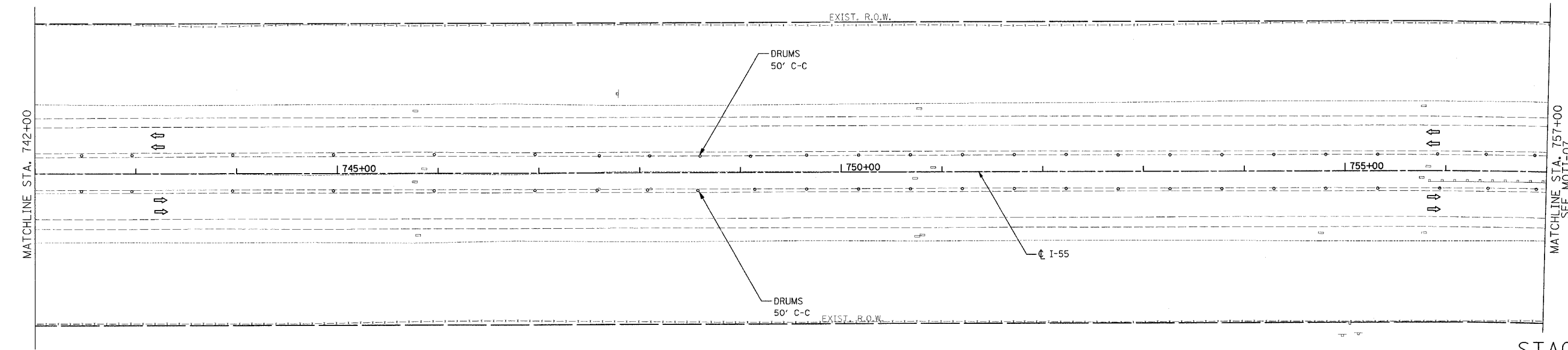
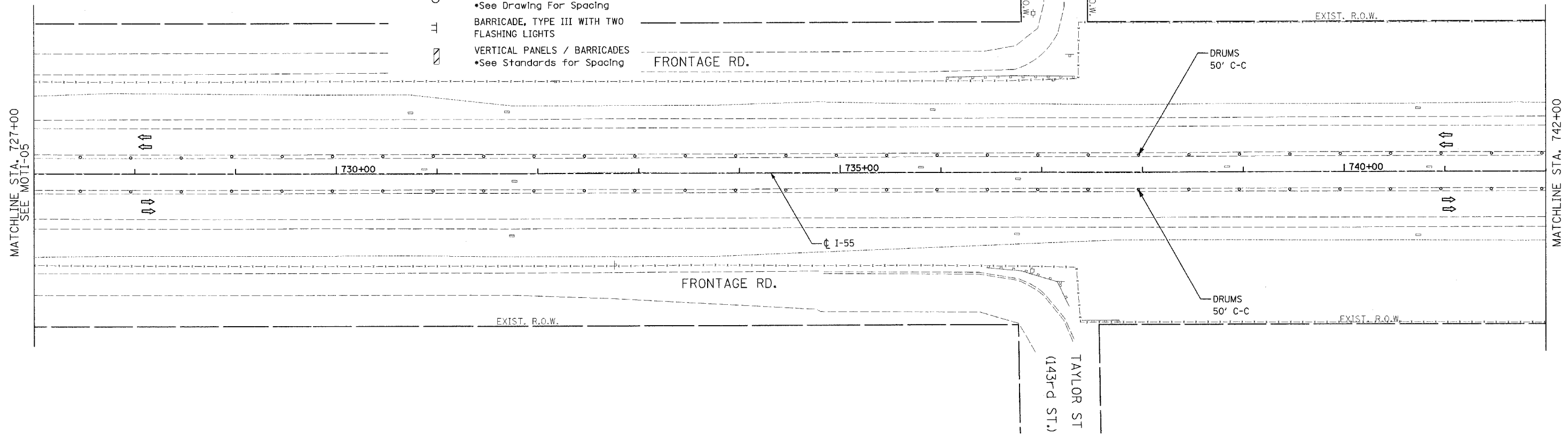
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

FINAL

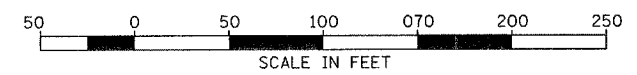
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	116
STA. 727+00		TO STA. 757+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTI-06 OF 08		

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE I



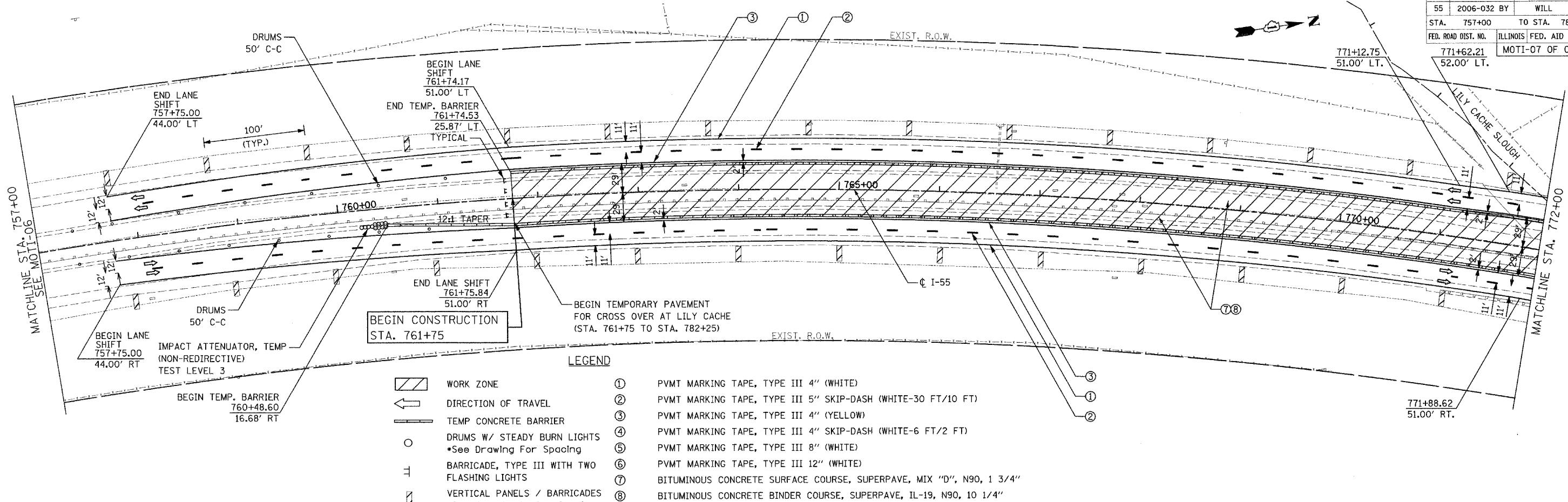
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

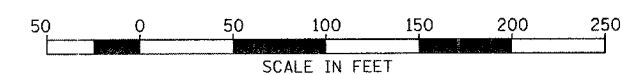
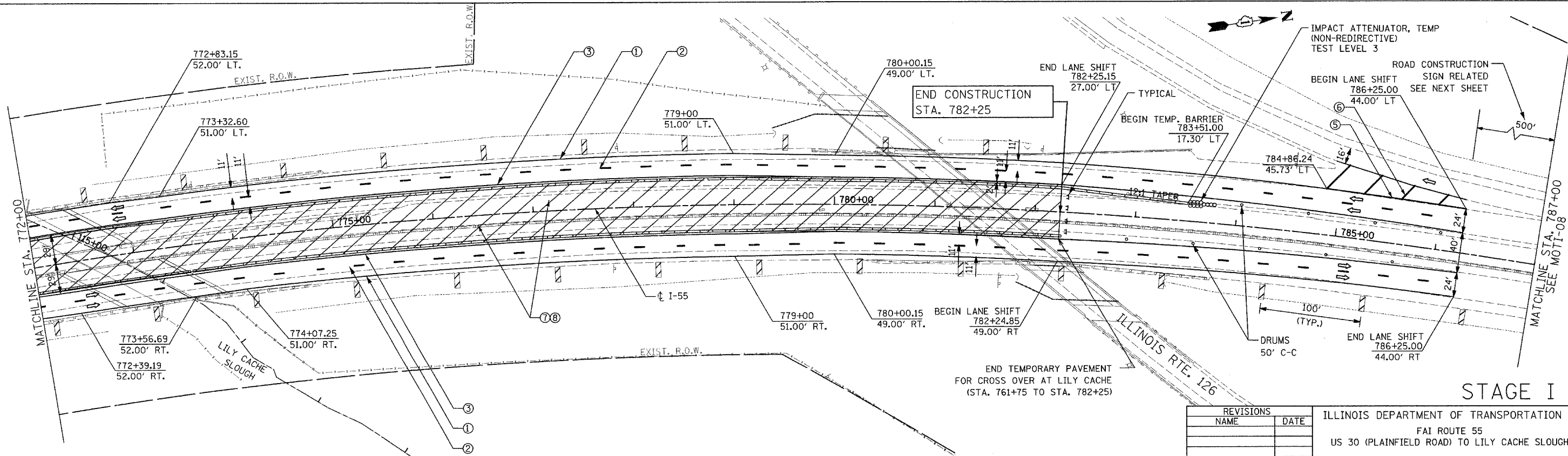
FINAL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	117
STA. 757+00	TO STA. 787+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
771+62.21	MOTI-07 OF 08			



- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMP CONCRETE BARRIER
  - DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
  - BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
  - VERTICAL PANELS / BARRICADES  
\*See Standards for Spacing
  - ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
  - ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
  - ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)
  - ⑦ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90, 1 3/4"
  - ⑧ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 10 1/4"



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 07-21-06

DRAWN BY: TJR  
 CHECKED BY: DM

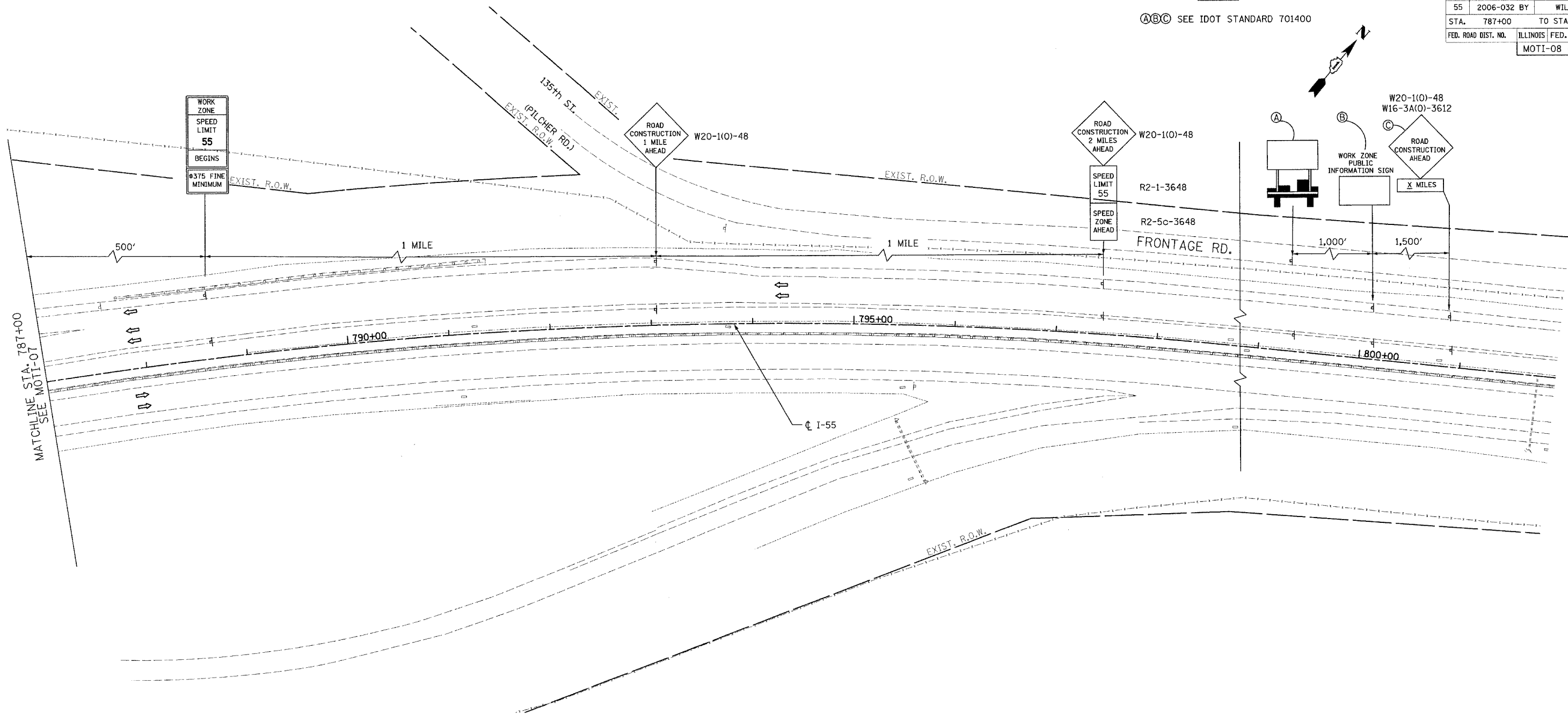
STAGE I

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL.	505	118
STA. 787+00		TO STA. 817+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MOTI-08 OF 08				

LEGEND

(A)(B)(C) SEE IDOT STANDARD 701400



STAGE I

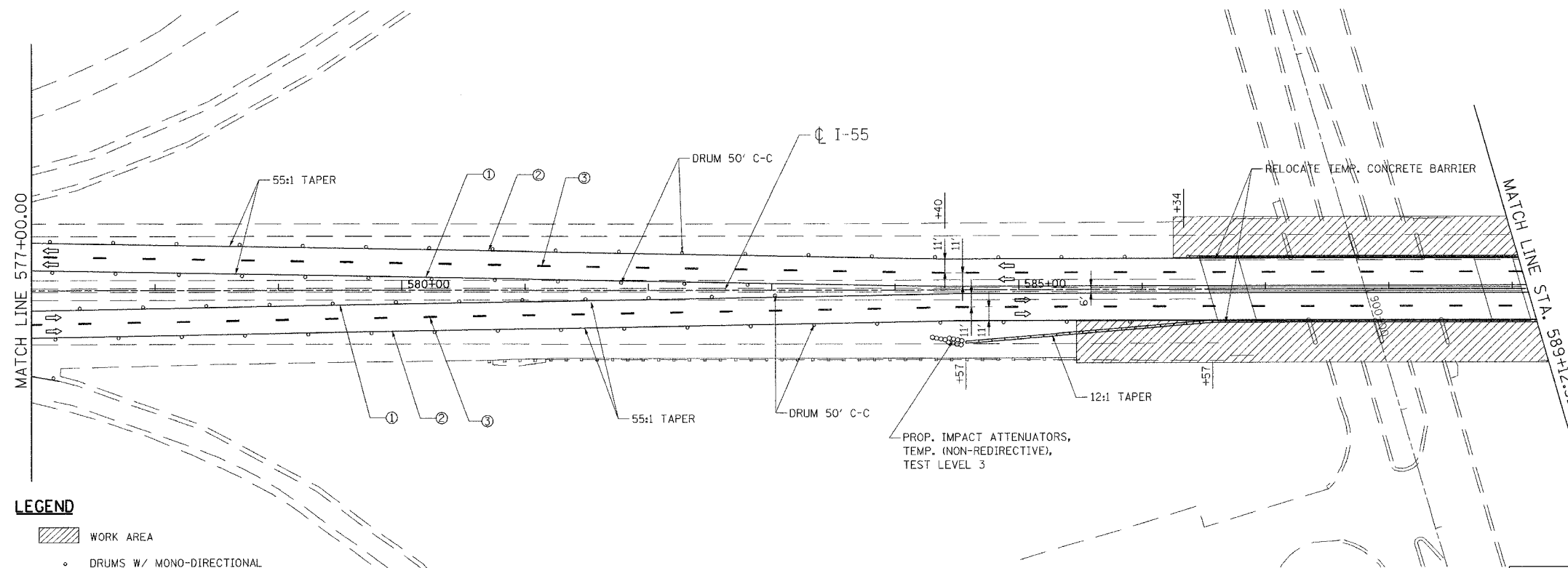
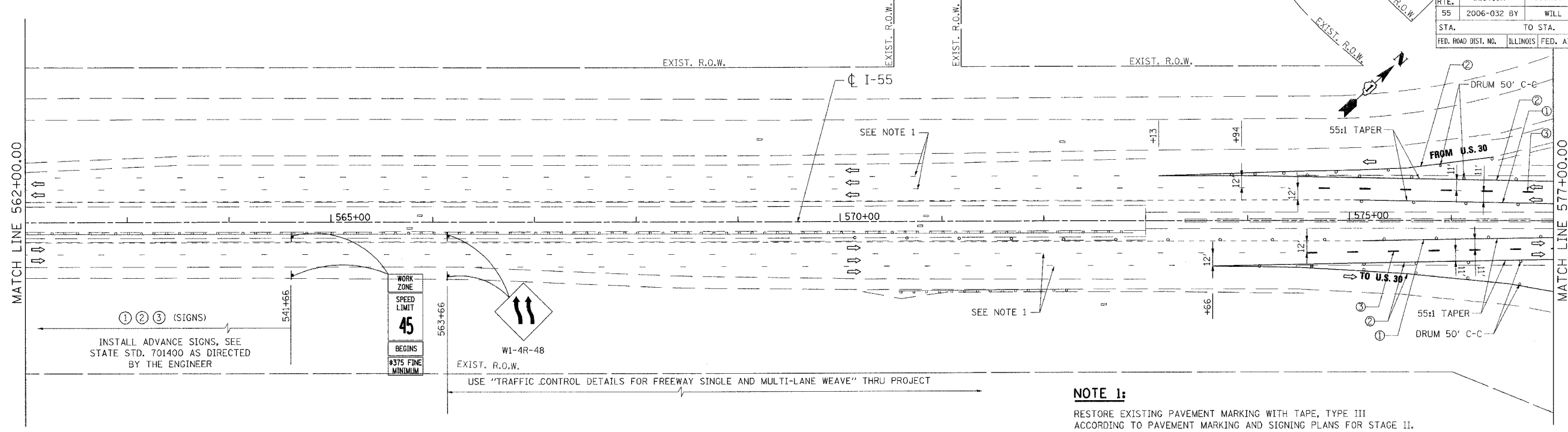
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	119
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**

- WORK AREA
- DRUMS W/ MONO-DIRECTIONAL STEADY BURN LIGHT
- VERTICAL PANEL
- TEMPORARY CONC. BARRIER
- TRAFFIC FLOW
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- PVMT. MARKING TAPE, TYPE III, 4", YELLOW
- PVMT. MARKING TAPE, TYPE III, 4", WHITE
- PVMT. MARKING TAPE, TYPE III, 5" (10' DASH 30' SKIP)
- PVMT. MARKING TAPE, TYPE III, 4" WHITE (2' DASH 6' SKIP)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

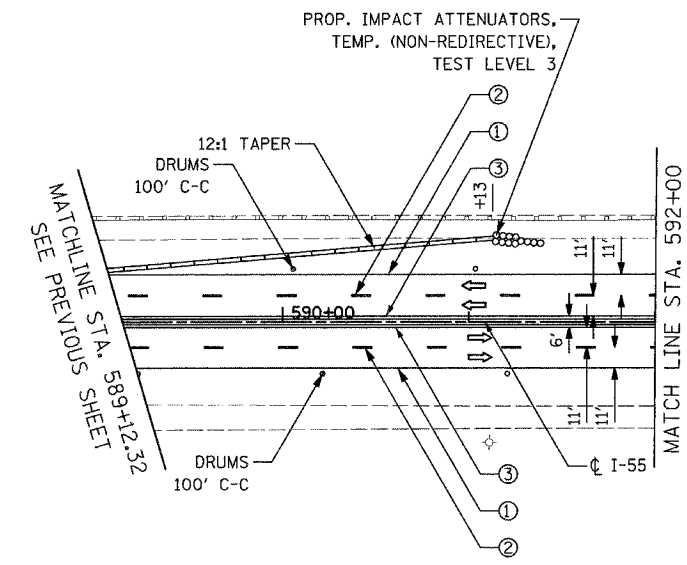
**STAGING AND TRAFFIC CONTROL  
 FAI 55 - STAGE II  
 STA. 562+00.00 TO STA. 589+12.32**

SCALE: 1"=50' DRAWN BY AG  
 DATE 07/21/06 CHECKED BY DDH

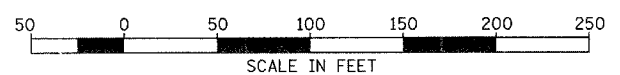
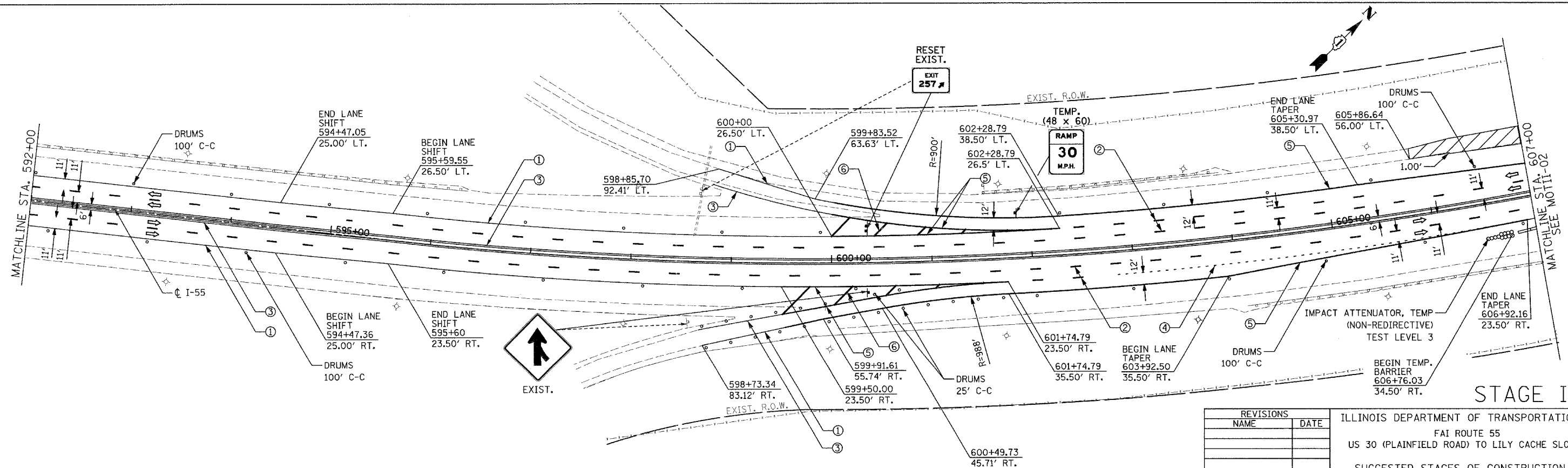
**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLOT DATE = DATE\*  
 PLOT SCALE = SCALE\*  
 USER NAME = USER\*  
 \\ALP914801\DDA... \VP1014802\DDA... \VP1014803\DDA... \VP1014804\DDA... \VP1014805\DDA... \VP1014806\DDA... \VP1014807\DDA... \VP1014808\DDA... \VP1014809\DDA... \VP1014810\DDA... \VP1014811\DDA... \VP1014812\DDA... \VP1014813\DDA... \VP1014814\DDA... \VP1014815\DDA... \VP1014816\DDA... \VP1014817\DDA... \VP1014818\DDA... \VP1014819\DDA... \VP1014820\DDA... \VP1014821\DDA... \VP1014822\DDA... \VP1014823\DDA... \VP1014824\DDA... \VP1014825\DDA... \VP1014826\DDA... \VP1014827\DDA... \VP1014828\DDA... \VP1014829\DDA... \VP1014830\DDA... \VP1014831\DDA... \VP1014832\DDA... \VP1014833\DDA... \VP1014834\DDA... \VP1014835\DDA... \VP1014836\DDA... \VP1014837\DDA... \VP1014838\DDA... \VP1014839\DDA... \VP1014840\DDA... \VP1014841\DDA... \VP1014842\DDA... \VP1014843\DDA... \VP1014844\DDA... \VP1014845\DDA... \VP1014846\DDA... \VP1014847\DDA... \VP1014848\DDA... \VP1014849\DDA... \VP1014850\DDA... \VP1014851\DDA... \VP1014852\DDA... \VP1014853\DDA... \VP1014854\DDA... \VP1014855\DDA... \VP1014856\DDA... \VP1014857\DDA... \VP1014858\DDA... \VP1014859\DDA... \VP1014860\DDA... \VP1014861\DDA... \VP1014862\DDA... \VP1014863\DDA... \VP1014864\DDA... \VP1014865\DDA... \VP1014866\DDA... \VP1014867\DDA... \VP1014868\DDA... \VP1014869\DDA... \VP1014870\DDA... \VP1014871\DDA... \VP1014872\DDA... \VP1014873\DDA... \VP1014874\DDA... \VP1014875\DDA... \VP1014876\DDA... \VP1014877\DDA... \VP1014878\DDA... \VP1014879\DDA... \VP1014880\DDA... \VP1014881\DDA... \VP1014882\DDA... \VP1014883\DDA... \VP1014884\DDA... \VP1014885\DDA... \VP1014886\DDA... \VP1014887\DDA... \VP1014888\DDA... \VP1014889\DDA... \VP1014890\DDA... \VP1014891\DDA... \VP1014892\DDA... \VP1014893\DDA... \VP1014894\DDA... \VP1014895\DDA... \VP1014896\DDA... \VP1014897\DDA... \VP1014898\DDA... \VP1014899\DDA... \VP1014900\DDA... \VP1014901\DDA... \VP1014902\DDA... \VP1014903\DDA... \VP1014904\DDA... \VP1014905\DDA... \VP1014906\DDA... \VP1014907\DDA... \VP1014908\DDA... \VP1014909\DDA... \VP1014910\DDA... \VP1014911\DDA... \VP1014912\DDA... \VP1014913\DDA... \VP1014914\DDA... \VP1014915\DDA... \VP1014916\DDA... \VP1014917\DDA... \VP1014918\DDA... \VP1014919\DDA... \VP1014920\DDA... \VP1014921\DDA... \VP1014922\DDA... \VP1014923\DDA... \VP1014924\DDA... \VP1014925\DDA... \VP1014926\DDA... \VP1014927\DDA... \VP1014928\DDA... \VP1014929\DDA... \VP1014930\DDA... \VP1014931\DDA... \VP1014932\DDA... \VP1014933\DDA... \VP1014934\DDA... \VP1014935\DDA... \VP1014936\DDA... \VP1014937\DDA... \VP1014938\DDA... \VP1014939\DDA... \VP1014940\DDA... \VP1014941\DDA... \VP1014942\DDA... \VP1014943\DDA... \VP1014944\DDA... \VP1014945\DDA... \VP1014946\DDA... \VP1014947\DDA... \VP1014948\DDA... \VP1014949\DDA... \VP1014950\DDA... \VP1014951\DDA... \VP1014952\DDA... \VP1014953\DDA... \VP1014954\DDA... \VP1014955\DDA... \VP1014956\DDA... \VP1014957\DDA... \VP1014958\DDA... \VP1014959\DDA... \VP1014960\DDA... \VP1014961\DDA... \VP1014962\DDA... \VP1014963\DDA... \VP1014964\DDA... \VP1014965\DDA... \VP1014966\DDA... \VP1014967\DDA... \VP1014968\DDA... \VP1014969\DDA... \VP1014970\DDA... \VP1014971\DDA... \VP1014972\DDA... \VP1014973\DDA... \VP1014974\DDA... \VP1014975\DDA... \VP1014976\DDA... \VP1014977\DDA... \VP1014978\DDA... \VP1014979\DDA... \VP1014980\DDA... \VP1014981\DDA... \VP1014982\DDA... \VP1014983\DDA... \VP1014984\DDA... \VP1014985\DDA... \VP1014986\DDA... \VP1014987\DDA... \VP1014988\DDA... \VP1014989\DDA... \VP1014990\DDA... \VP1014991\DDA... \VP1014992\DDA... \VP1014993\DDA... \VP1014994\DDA... \VP1014995\DDA... \VP1014996\DDA... \VP1014997\DDA... \VP1014998\DDA... \VP1014999\DDA... \VP1015000\DDA...

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	120
STA. 577+00	TO STA. 607+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	MOTII-01 OF 08	



- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMP CONCRETE BARRIER
  - DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
  - BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
  - VERTICAL PANELS / BARRICADES  
\*See Standards for Spacing
  - ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
  - ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
  - ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL






SCALE: 1" = 50'  
 DATE: 07-21-06

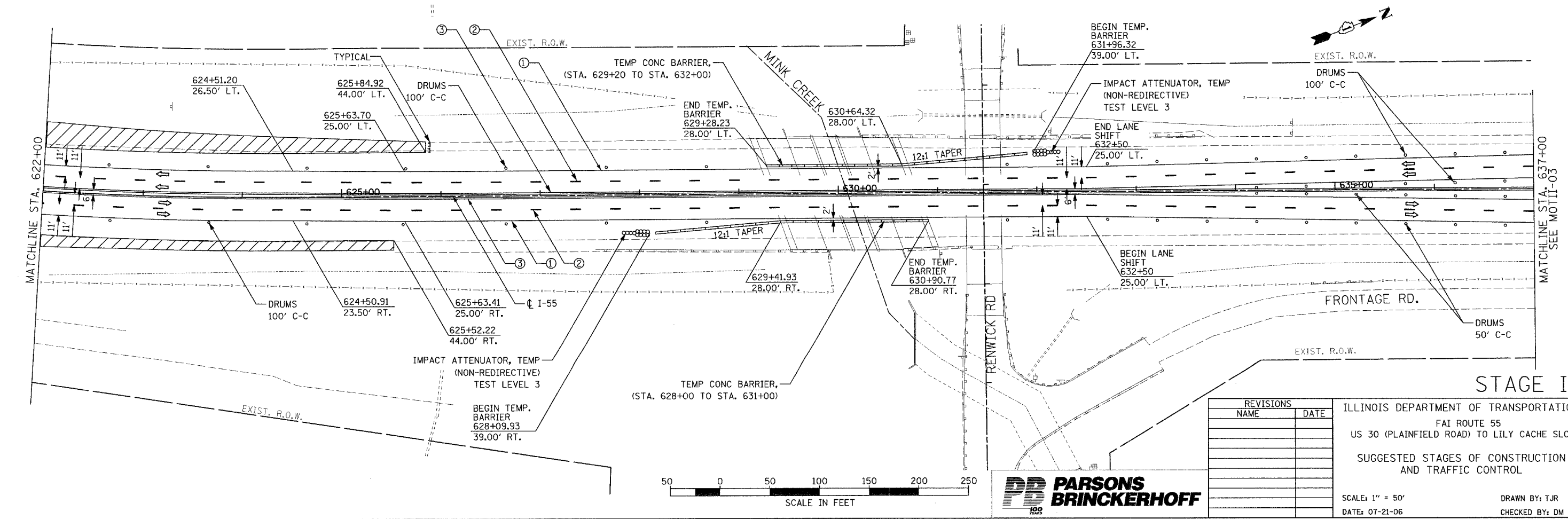
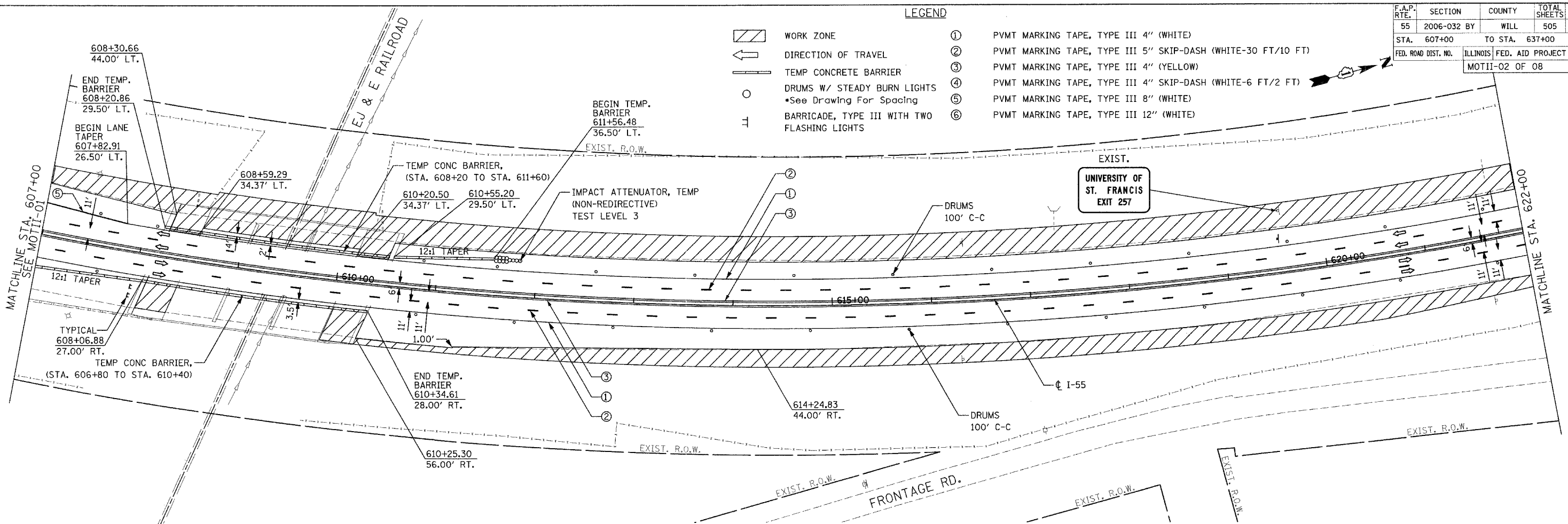
DRAWN BY: TJR  
 CHECKED BY: DM

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	121
STA. 607+00		TO STA. 637+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTII-02 OF 08		

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
- ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
- ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)



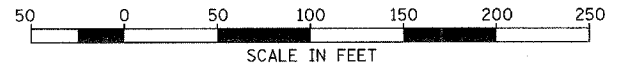
STAGE II

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL






SCALE: 1" = 50'  
 DATE: 07-21-06

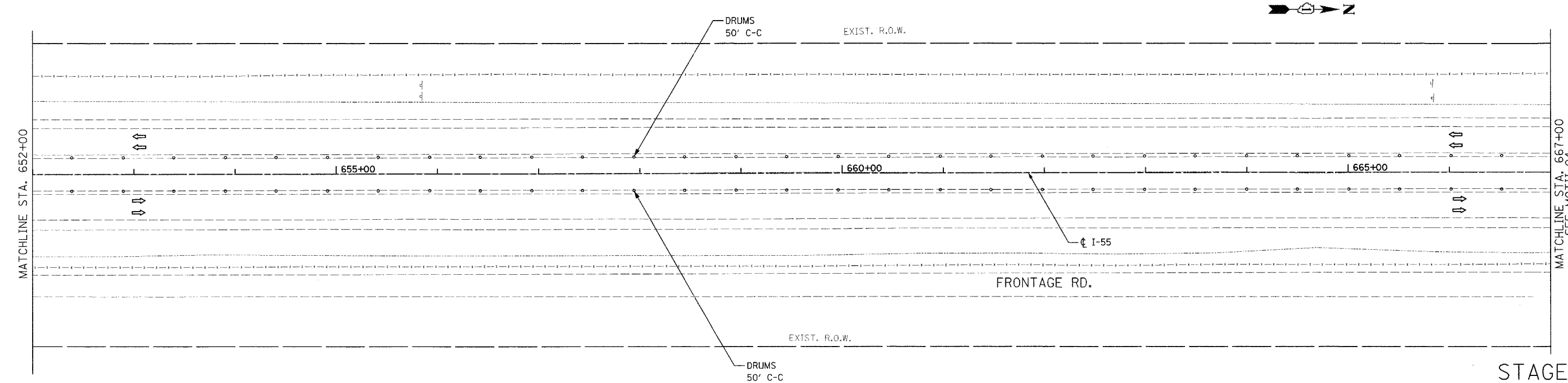
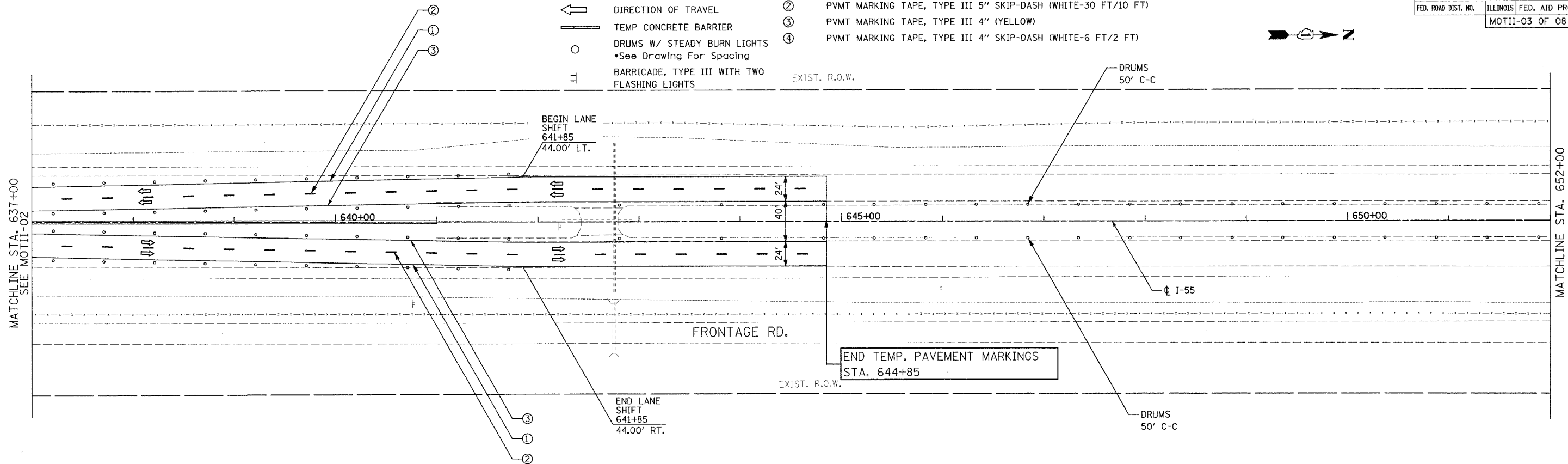
DRAWN BY: TJR  
 CHECKED BY: DM



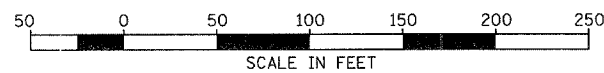
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	122
STA. 637+00		TO STA. 667+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
MOTII-03 OF 08				

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE II



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL







SCALE: 1" = 50'  
 DATE: 07-21-06

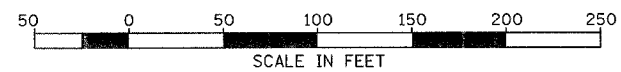
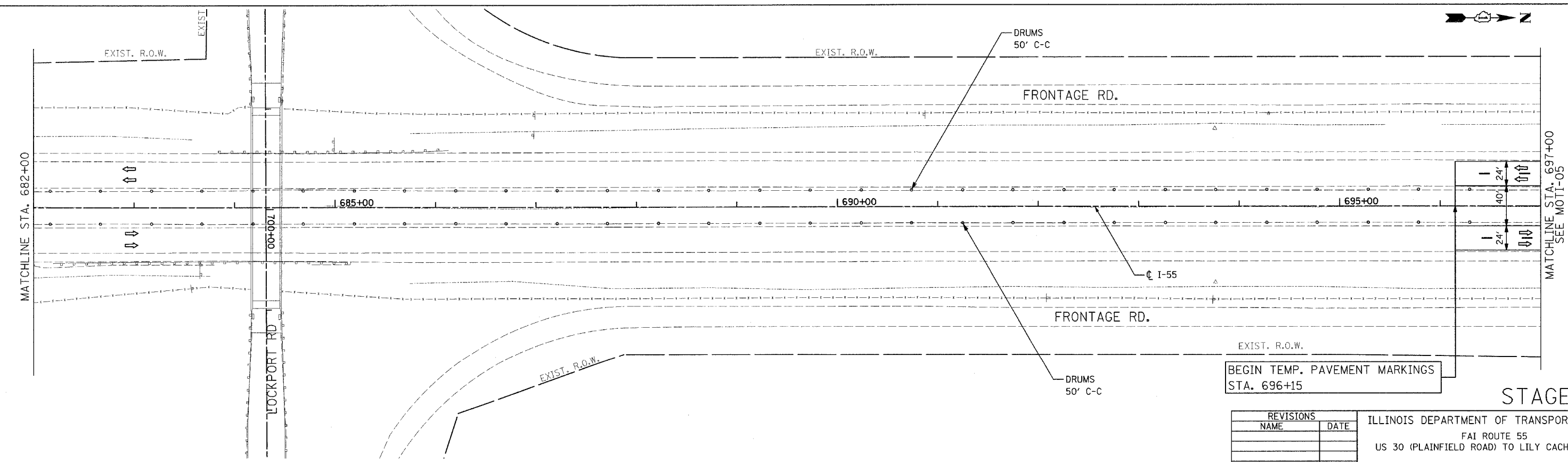
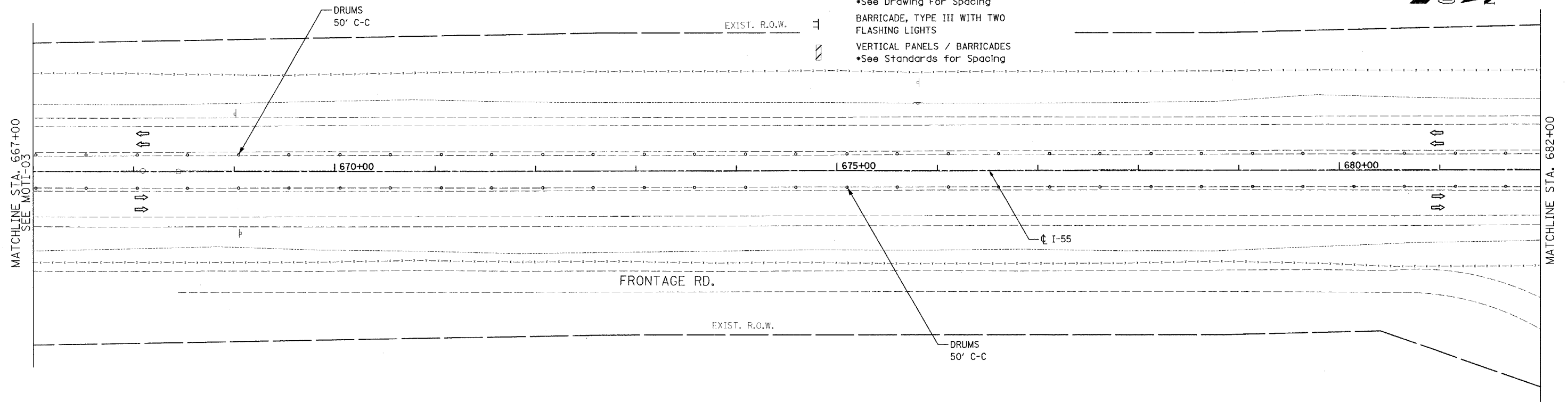
DRAWN BY: TJR  
 CHECKED BY: DM

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	123
STA. 667+00		TO STA. 697+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MOTII-04 OF 08				

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



REVISIONS	
NAME	DATE







ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

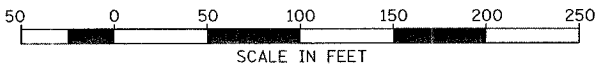
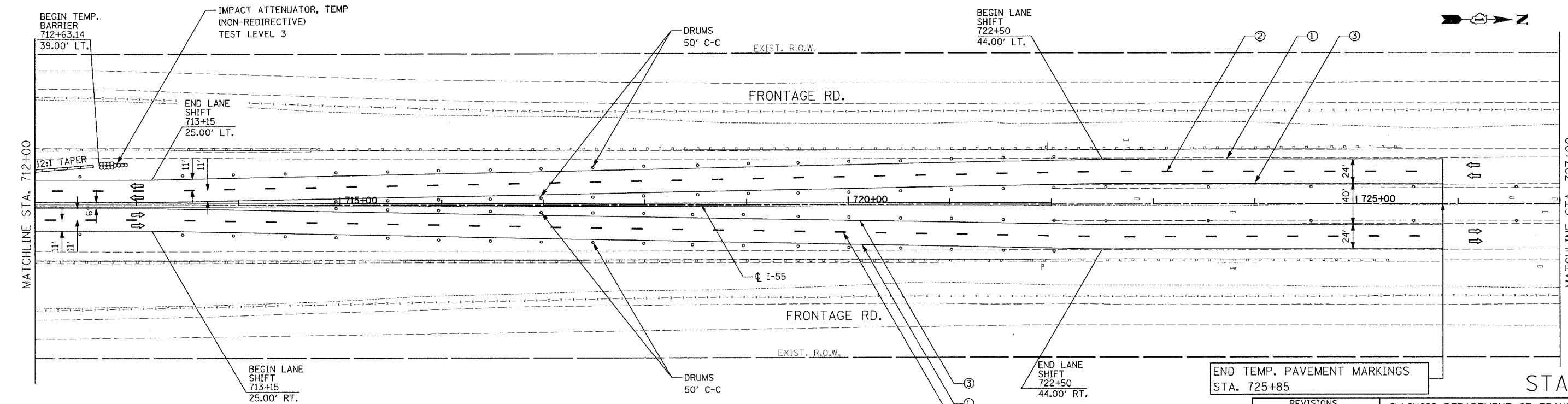
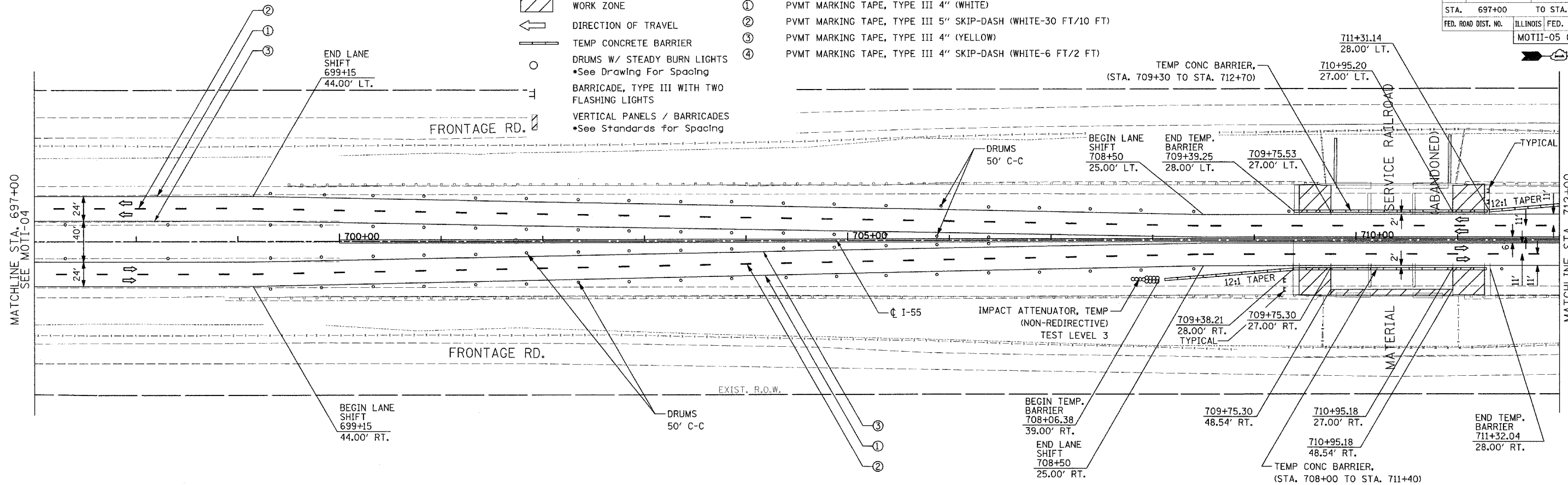
STAGE II

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	124
STA. 697+00 TO STA. 727+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		MOTII-05 OF 08		

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



REVISIONS	
NAME	DATE






ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 07-21-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

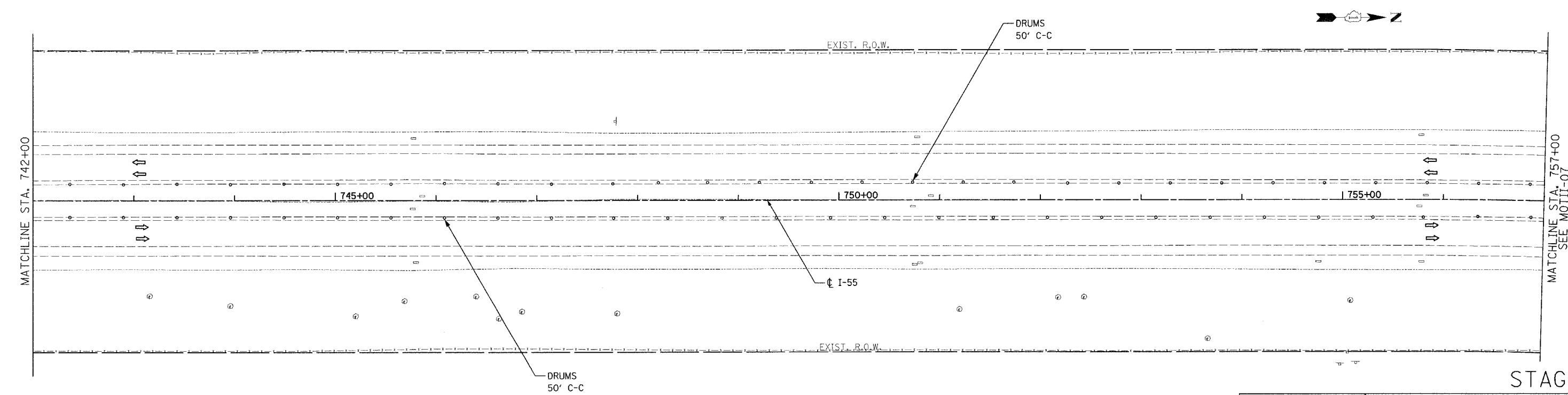
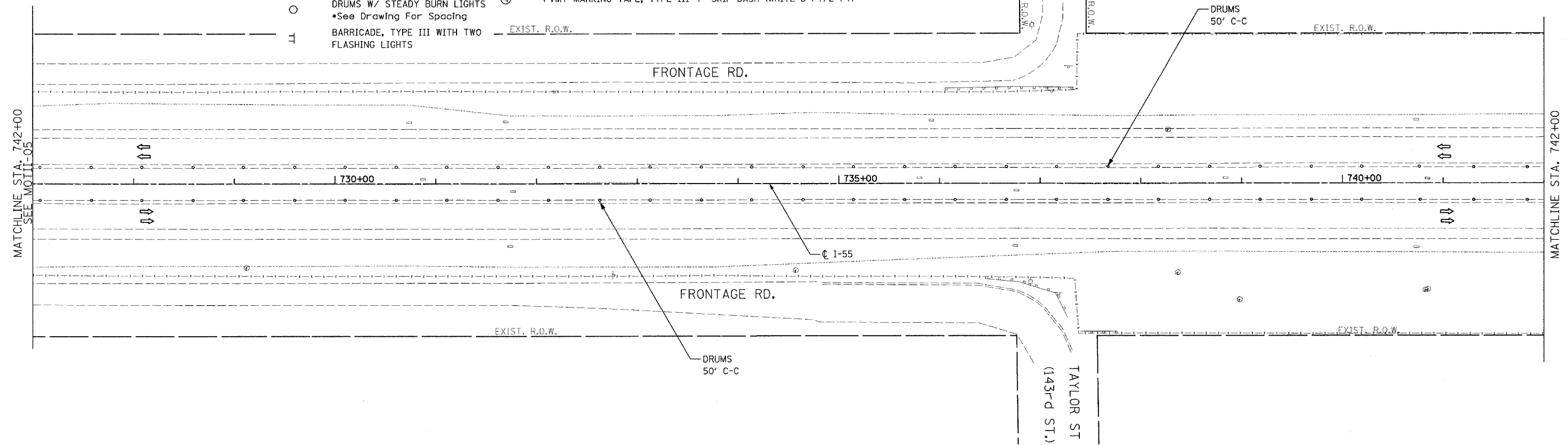
STAGE II

FINAL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	125
STA.	727+00	TO STA.	757+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		MOTII-06 OF 08	

- LEGEND**
-  WORK ZONE
  -  DIRECTION OF TRAVEL
  -  TEMP CONCRETE BARRIER
  -  DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
  -  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
  - ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE II



REVISIONS	
NAME	DATE

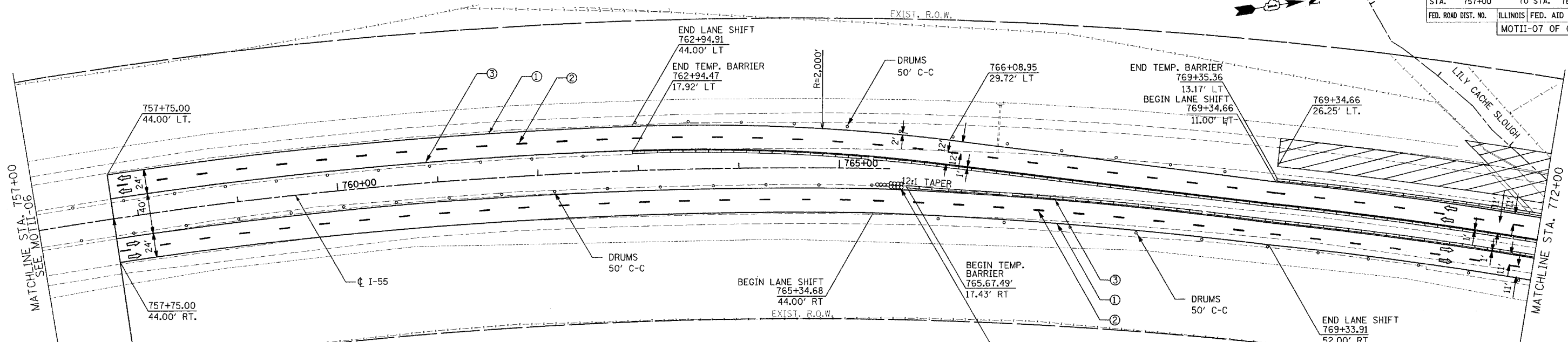
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 06-30-06

DRAWN BY: TJR  
 CHECKED BY: DM

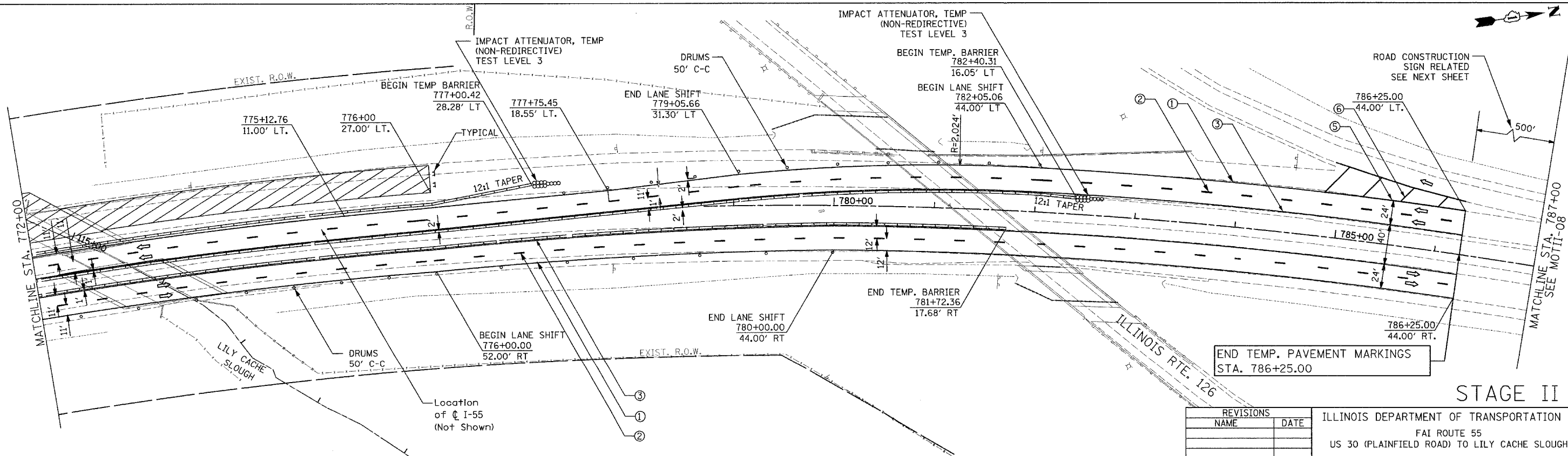
FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	126
STA. 757+00	TO STA. 787+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		MOTII-07 OF 08	

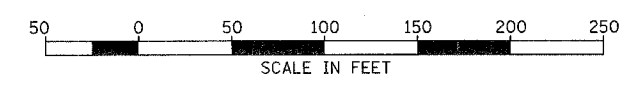


BEGIN TEMP. PAVEMENT MARKINGS  
STA. 757+75.00

- LEGEND**
- ▨ WORK ZONE
  - ← DIRECTION OF TRAVEL
  - TEMP CONCRETE BARRIER
  - DRUMS W/ STEADY BURN LIGHTS  
• See Drawing For Spacing
  - ⊥ BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
  - ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
  - ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
  - ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)



END TEMP. PAVEMENT MARKINGS  
STA. 786+25.00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL

SCALE: 1" = 50'  
DATE: 07-21-06

DRAWN BY: TJR  
CHECKED BY: DM

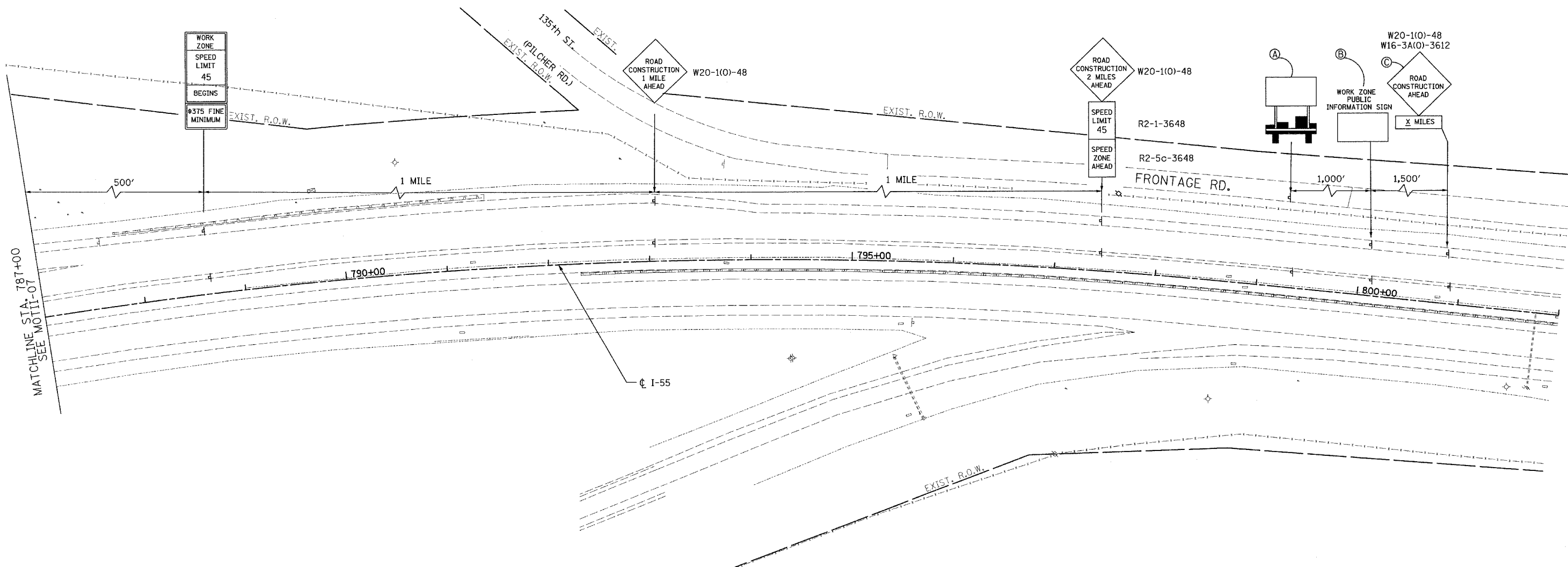
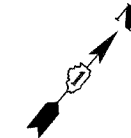
STAGE II

FINAL

LEGEND

(A)(B)(C) SEE IDOT STANDARD 701400

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	127
STA.	787+00	TO STA.	817+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	MOTII-08 OF 08	



MATCHLINE STA. 787+00  
SEE MOTII-07

STAGE II

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM



FINAL

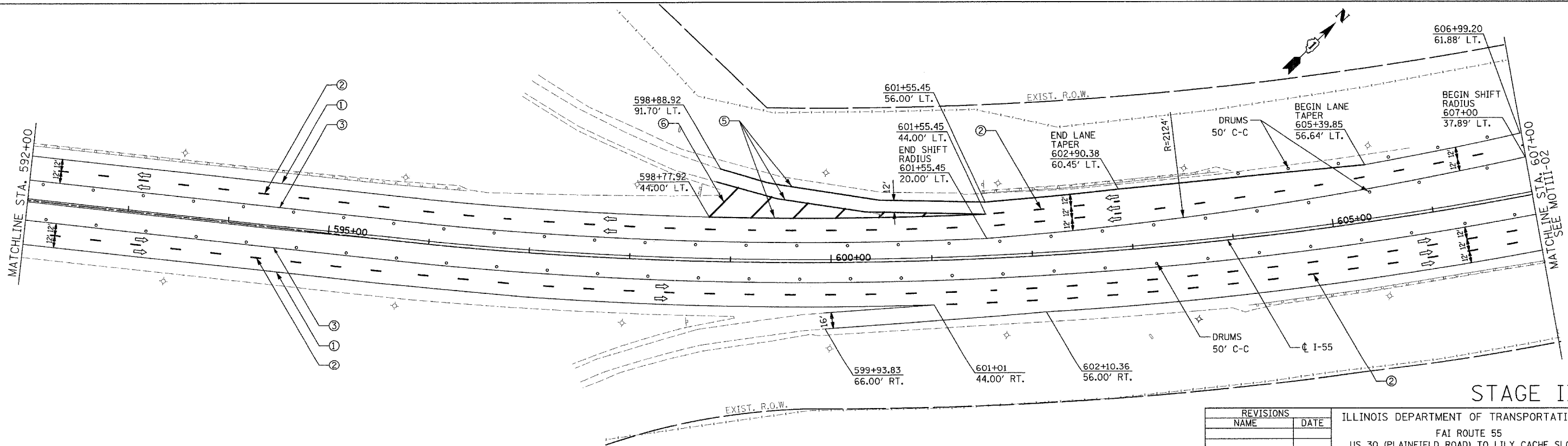
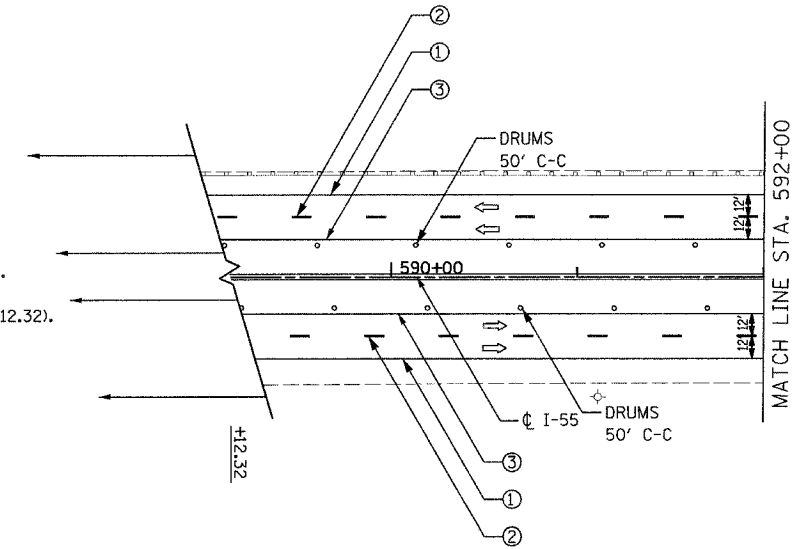
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	128
STA.	577+00	TO STA.	607+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		MOTIII-01 OF 08	

LEGEND

- WORK ZONE
  - DIRECTION OF TRAVEL
  - TEMP CONCRETE BARRIER
  - DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
  - BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
  - ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
  - ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)

NOTE:

THE LIMITS FOR TEMPORARY PAVEMENT MARKINGS FOR STAGE III NOT SHOWN HERE BEGIN AT STATION 573+00. THOSE MARKINGS SHOULD JOIN THE TEMPORARY PAVEMENT MARKINGS SHOWN AT THIS POINT (STA. 589+12.32).



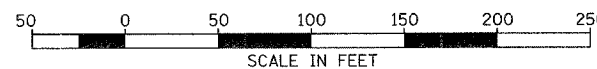
STAGE III

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 07-21-06






DRAWN BY: TJR  
 CHECKED BY: DM

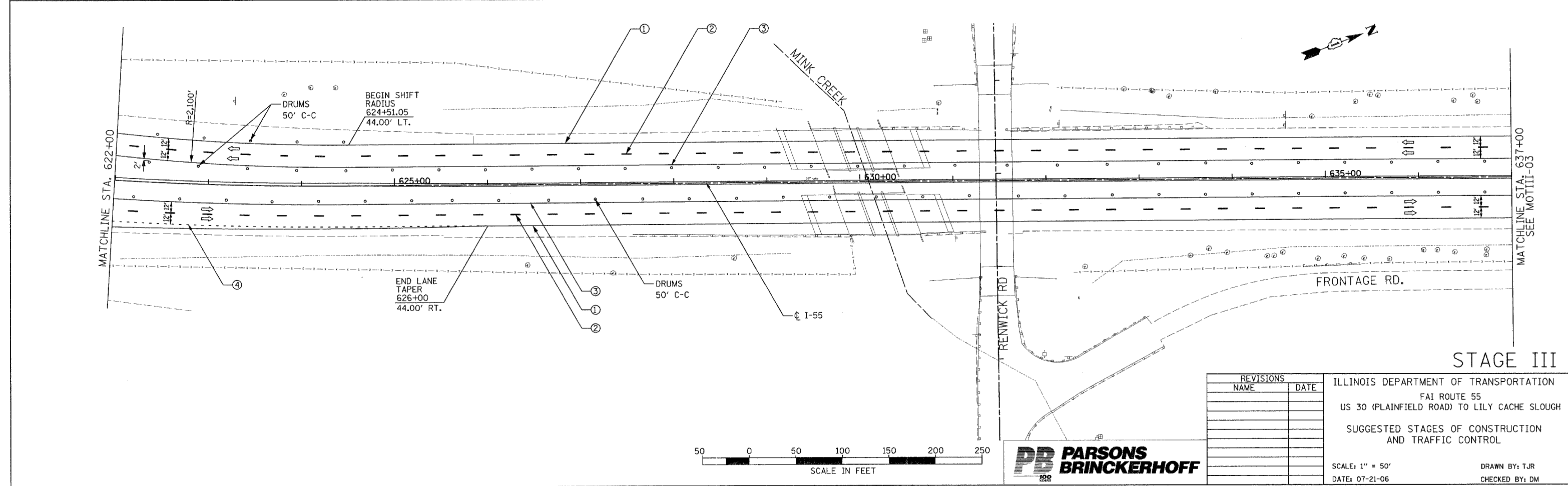
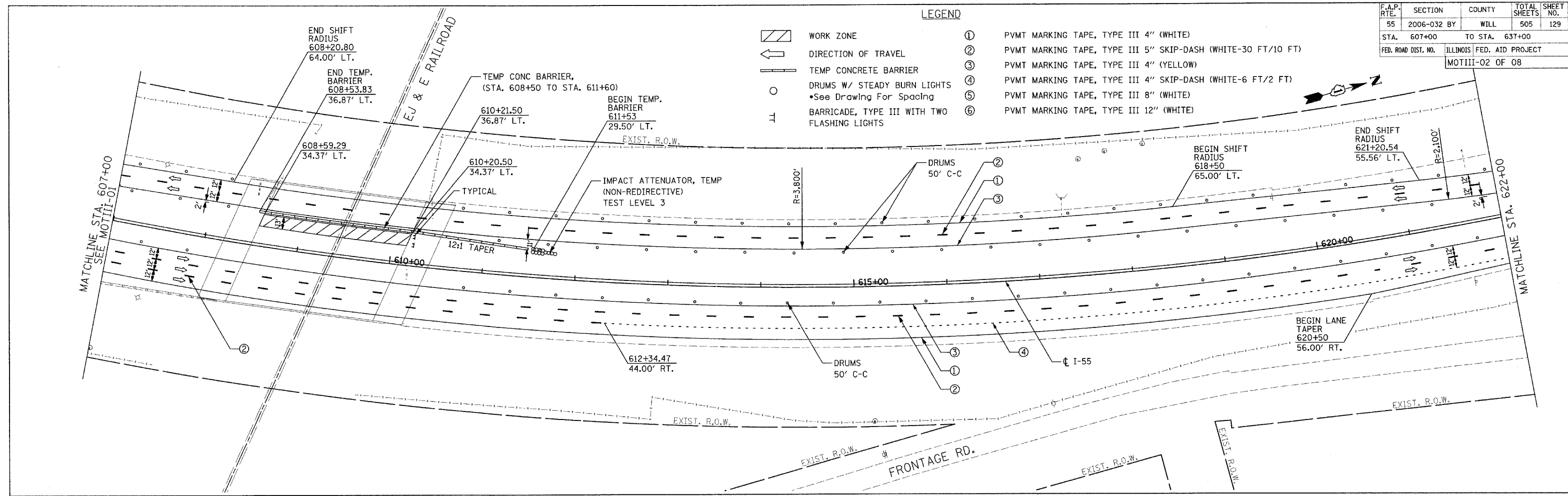


FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	129
STA. 607+00		TO STA. 637+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
MOTIII-02 OF 08				

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
- ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
- ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)



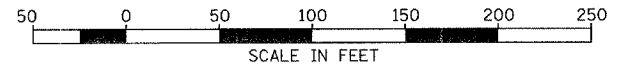
STAGE III

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 07-21-06






DRAWN BY: TJR  
 CHECKED BY: DM

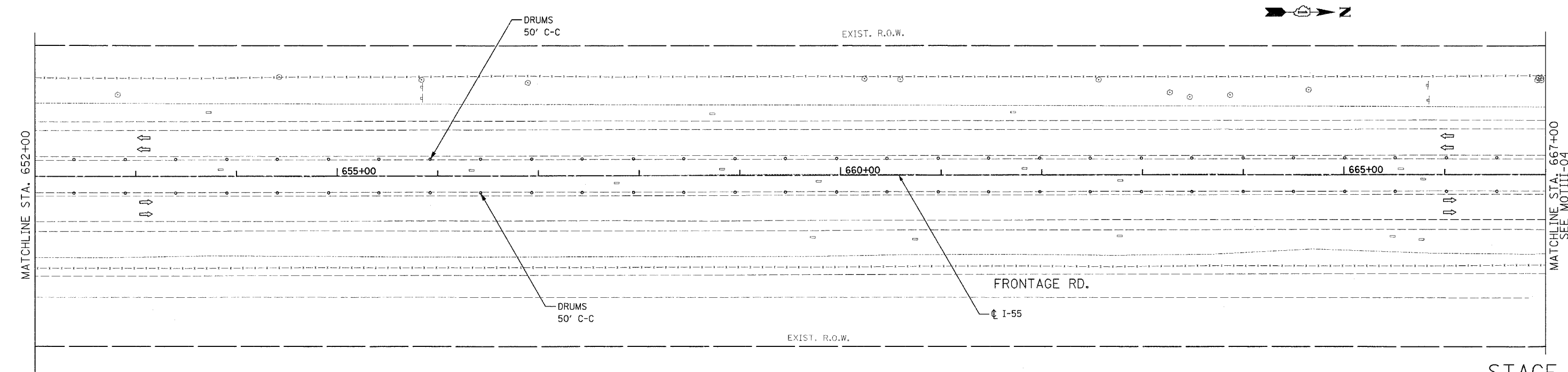
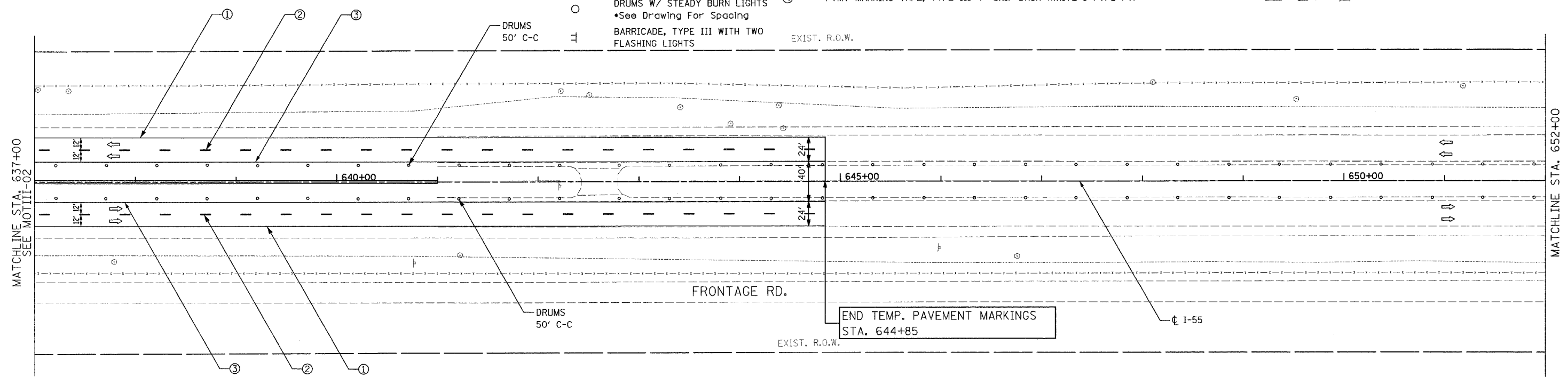


FINAL

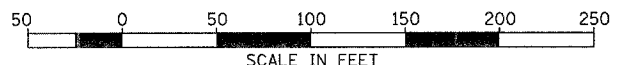
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	130
STA. 637+00		TO STA. 667+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTIII-03 OF 08		

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE III









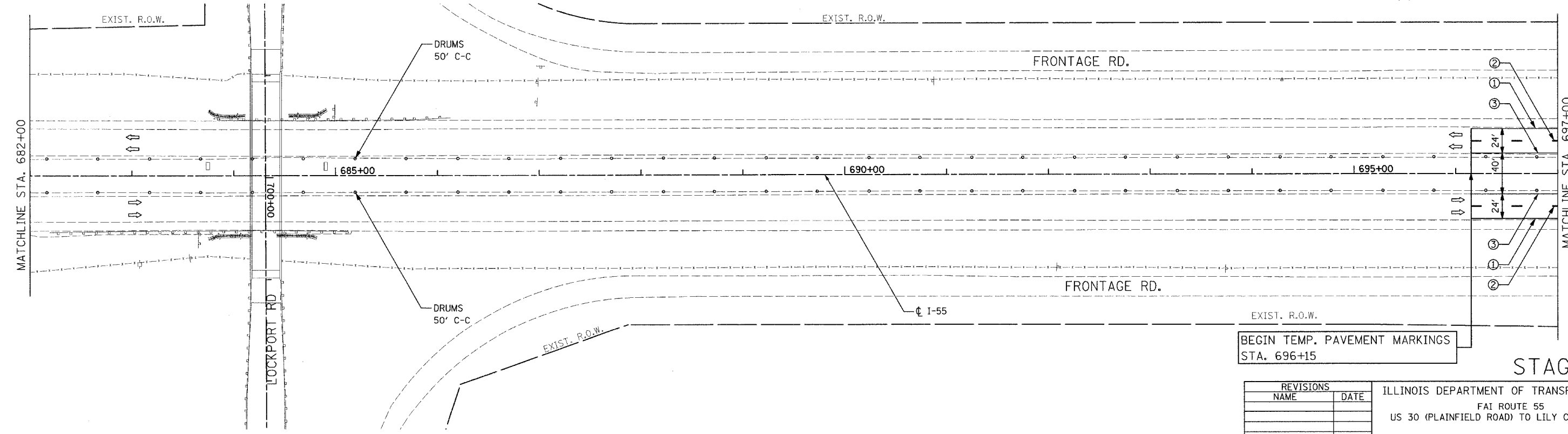
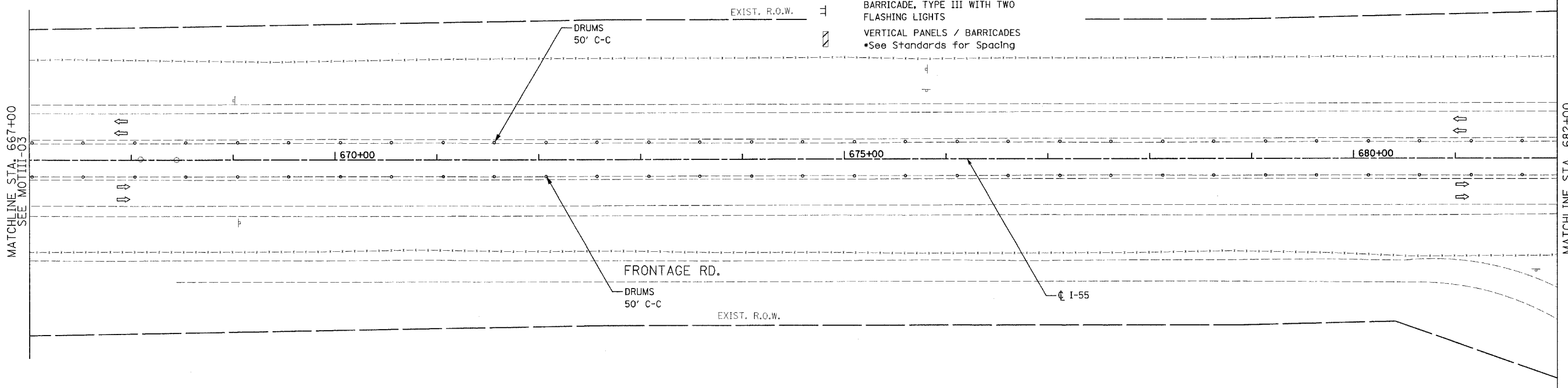
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 06-30-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	131
STA. 667+00	TO STA. 697+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	MOTIII-04 OF 08			

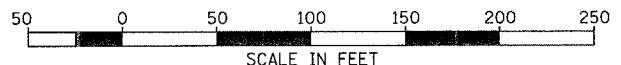
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



BEGIN TEMP. PAVEMENT MARKINGS  
STA. 696+15

STAGE III



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH







STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL

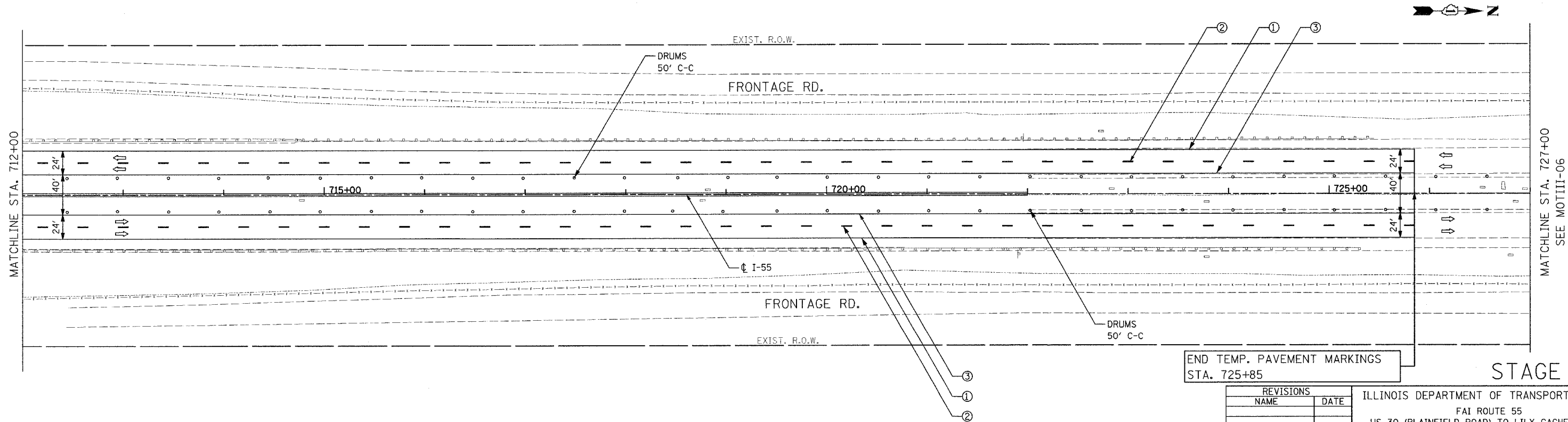
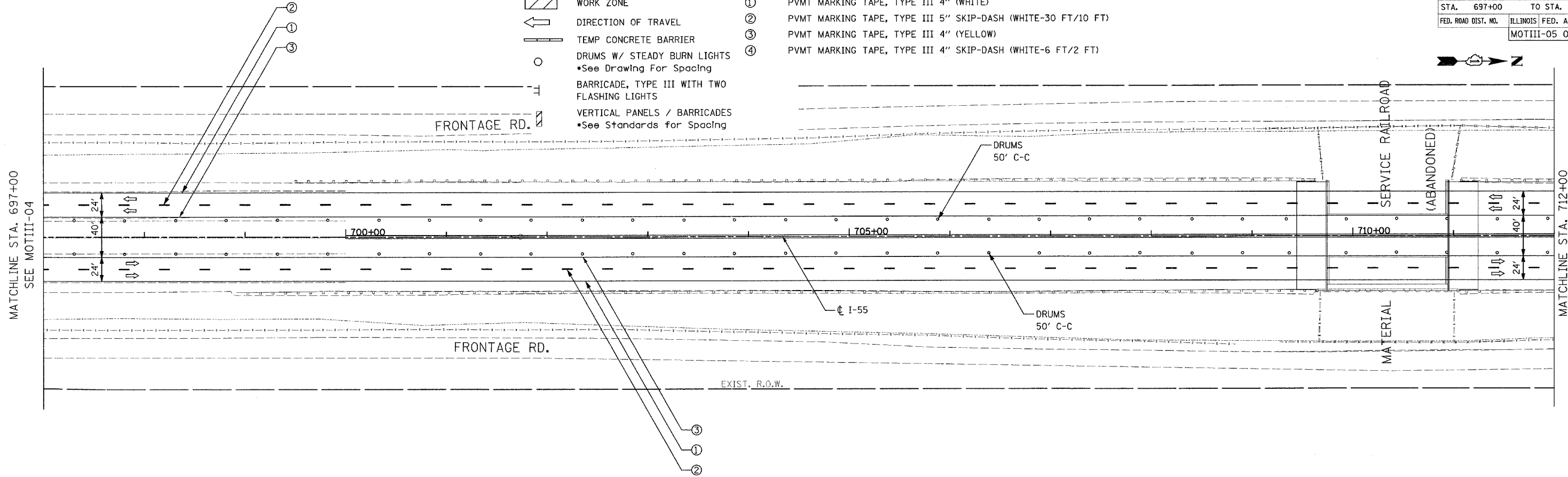
SCALE: 1" = 50'  
DATE: 06-30-06

DRAWN BY: TJR  
CHECKED BY: DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	132
STA. 697+00	TO STA. 727+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		MOTIII-05 OF 08		

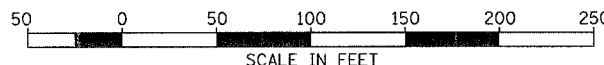
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
-  VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



END TEMP. PAVEMENT MARKINGS  
STA. 725+85

STAGE III



REVISIONS	
NAME	DATE






ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
SUGGESTED STAGES OF CONSTRUCTION  
AND TRAFFIC CONTROL  
SCALE: 1" = 50'  
DATE: 06-30-06  
DRAWN BY: TJR  
CHECKED BY: DM

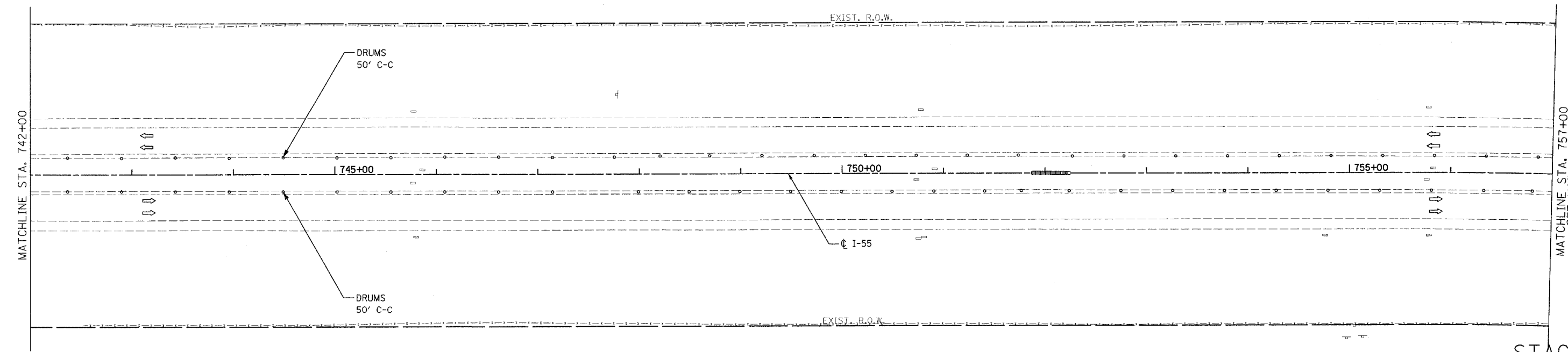
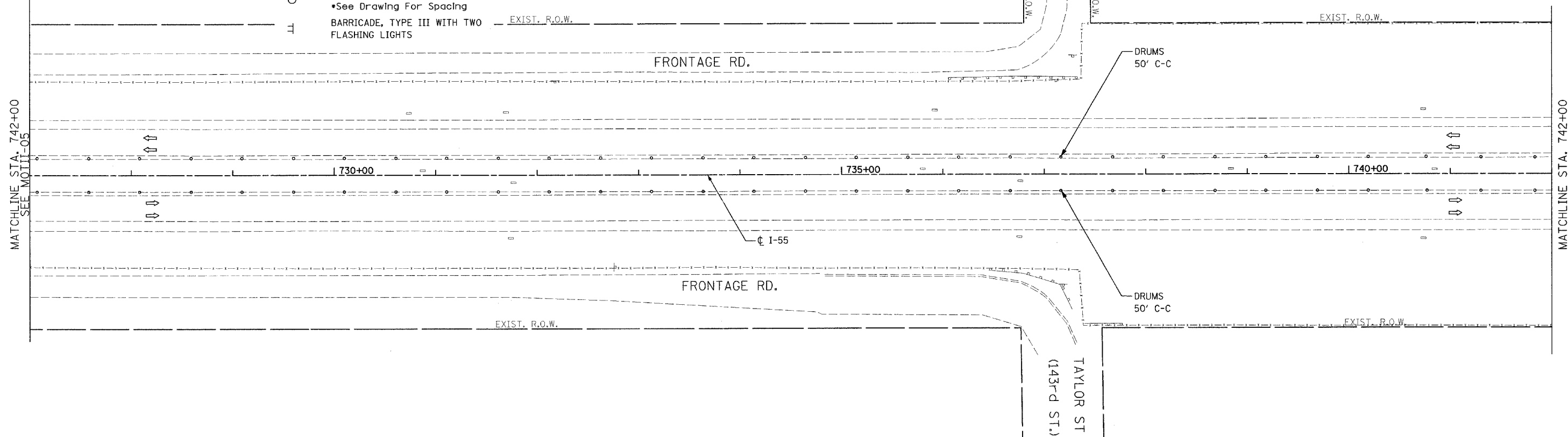
FINAL



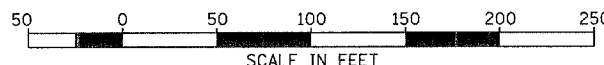
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	133
STA.	727+00	TO STA.	757+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		MOTIII-06 OF 08	

LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE III



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH






SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

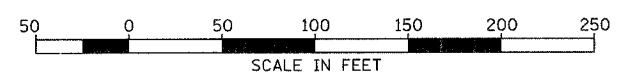
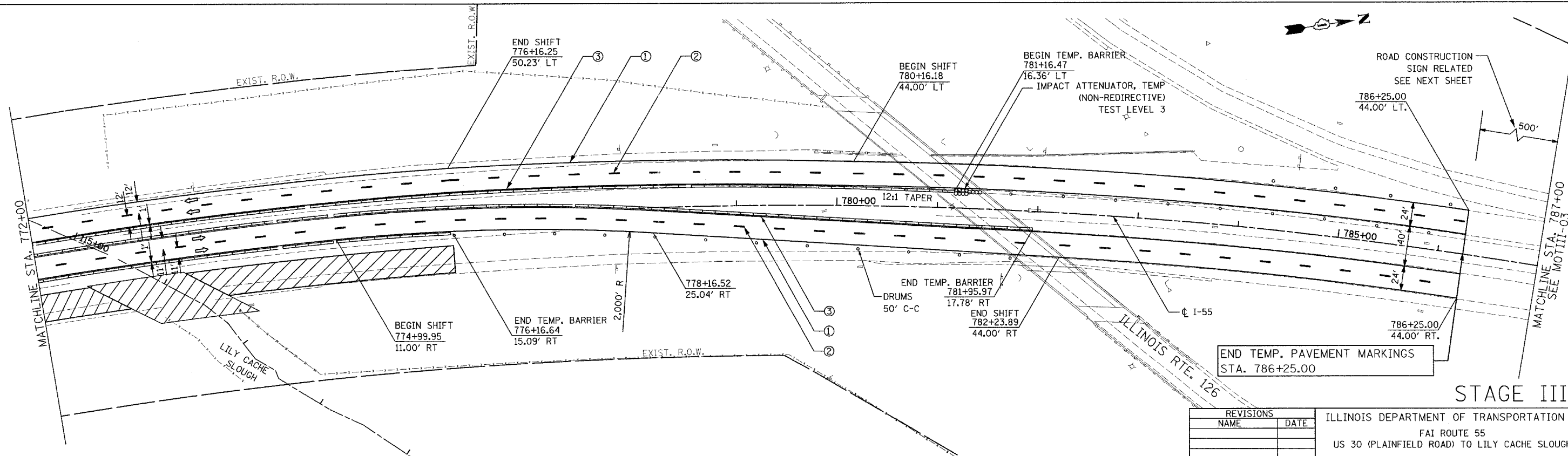
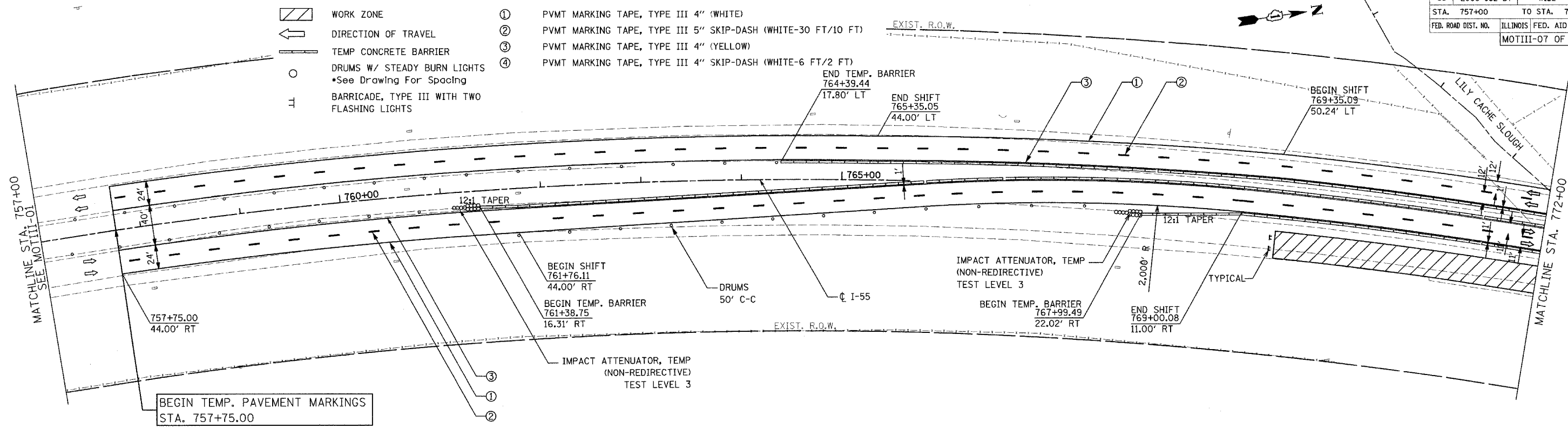
SCALE: 1" = 50'  
 DATE: 06-30-06

DRAWN BY: TJR  
 CHECKED BY: DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	134
STA. 757+00		TO STA. 787+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTIII-07 OF 08		

**LEGEND**

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
\*See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



REVISIONS	
NAME	DATE

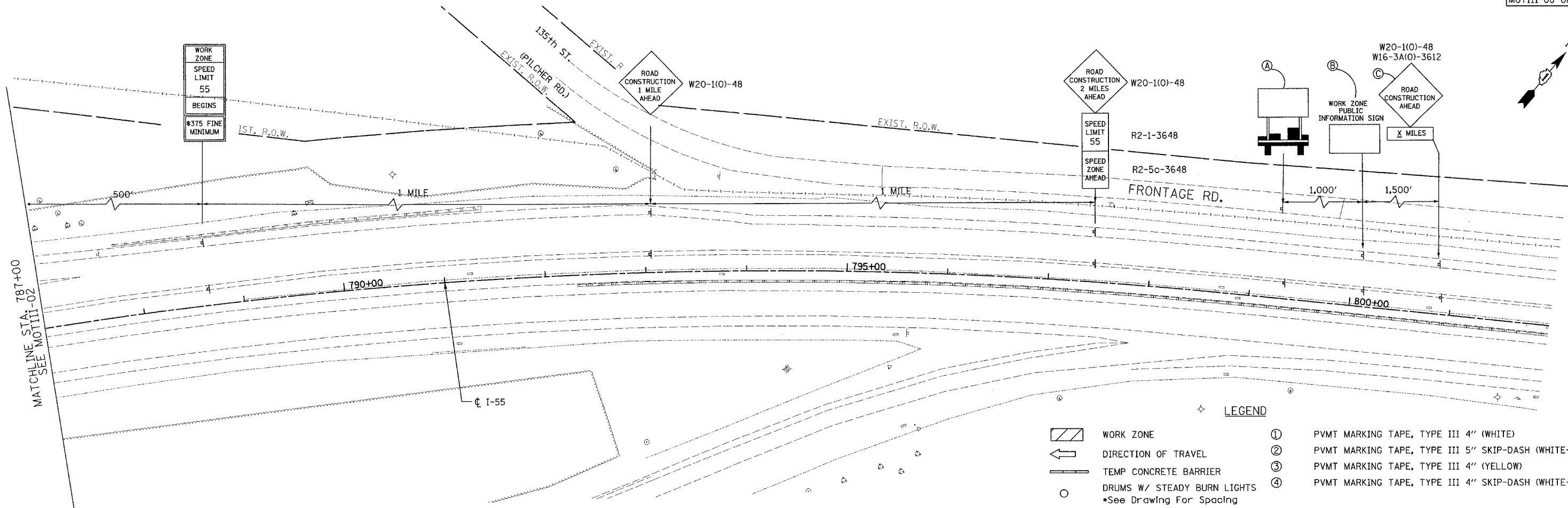
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 07-21-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

STAGE III  
 FINAL

LEGEND

(A)(B)(C) SEE IDOT STANDARD 701400

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	135
STA.	787+00	TO STA.	817+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	MOTIII-08 OF 08	



LEGEND

	WORK ZONE	①	PVMT MARKING TAPE, TYPE III 4" (WHITE)
	DIRECTION OF TRAVEL	②	PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
	TEMP CONCRETE BARRIER	③	PVMT MARKING TAPE, TYPE III 4" (YELLOW)
	DRUMS W/ STEADY BURN LIGHTS •See Drawing For Spacing	④	PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
	BARRICADE, TYPE III WITH TWO FLASHING LIGHTS		

MATCHLINE STA. 787+00  
SEE MOTIII-02

STAGE III

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL







SCALE: 1" = 50'  
 DATE: 06-30-06

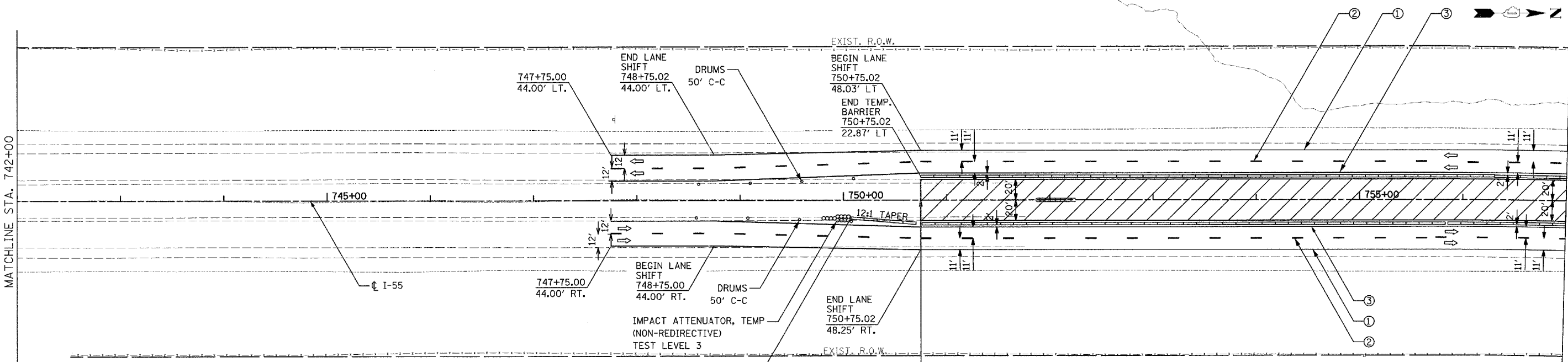
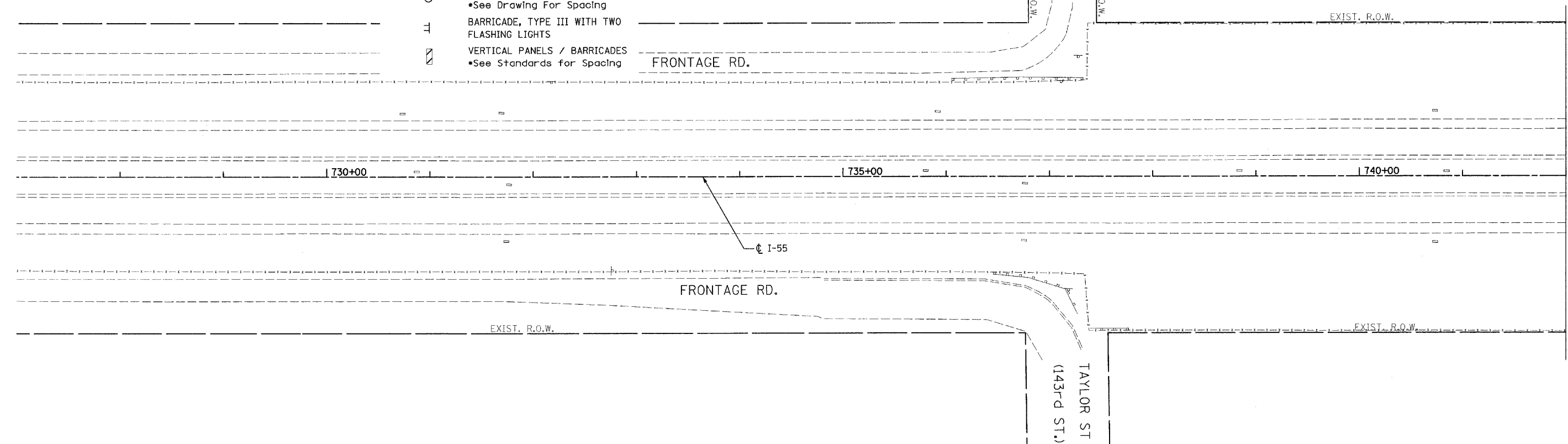
DRAWN BY: TJR  
 CHECKED BY: DM



FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	136
STA.	727+00	TO STA.	757+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		MOTIV-01 OF 03	

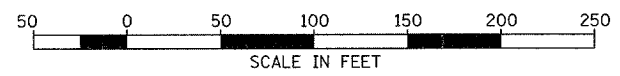
- LEGEND**
-  WORK ZONE
  -  DIRECTION OF TRAVEL
  -  TEMP CONCRETE BARRIER
  -  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
  -  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
  -  VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
  - ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
  - ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
  - ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
  - ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



MATCHLINE STA. 742+00

MATCHLINE STA. 757+00  
SEE MOTIV-02

**STAGE IV**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL






SCALE: 1" = 50'  
 DATE: 07-21-06

DRAWN BY: TJR  
 CHECKED BY: DM

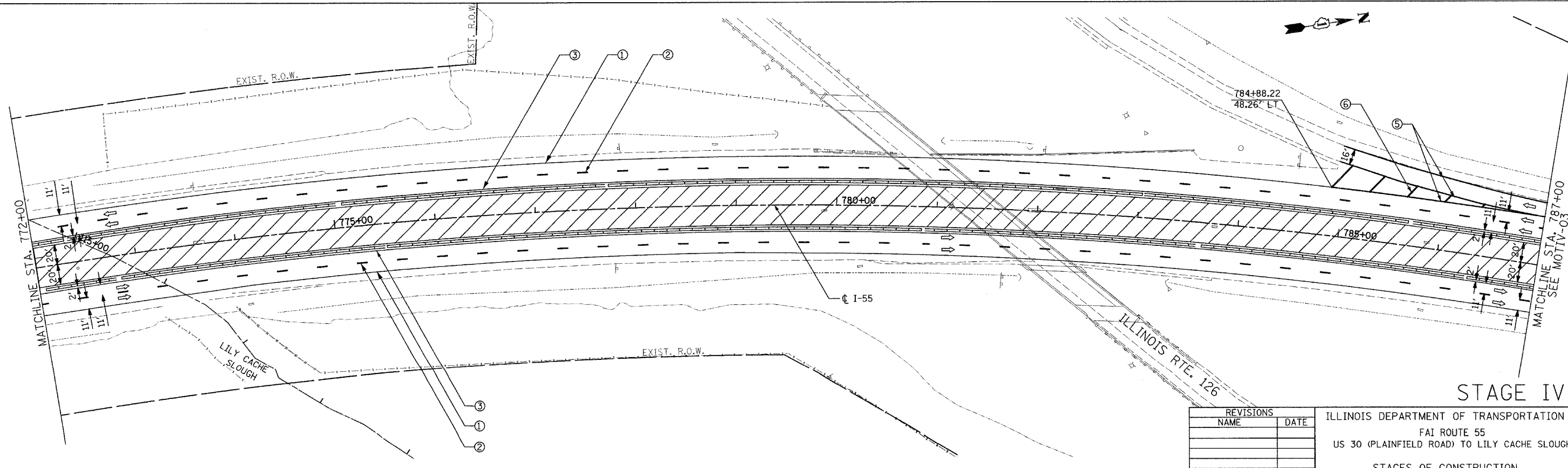
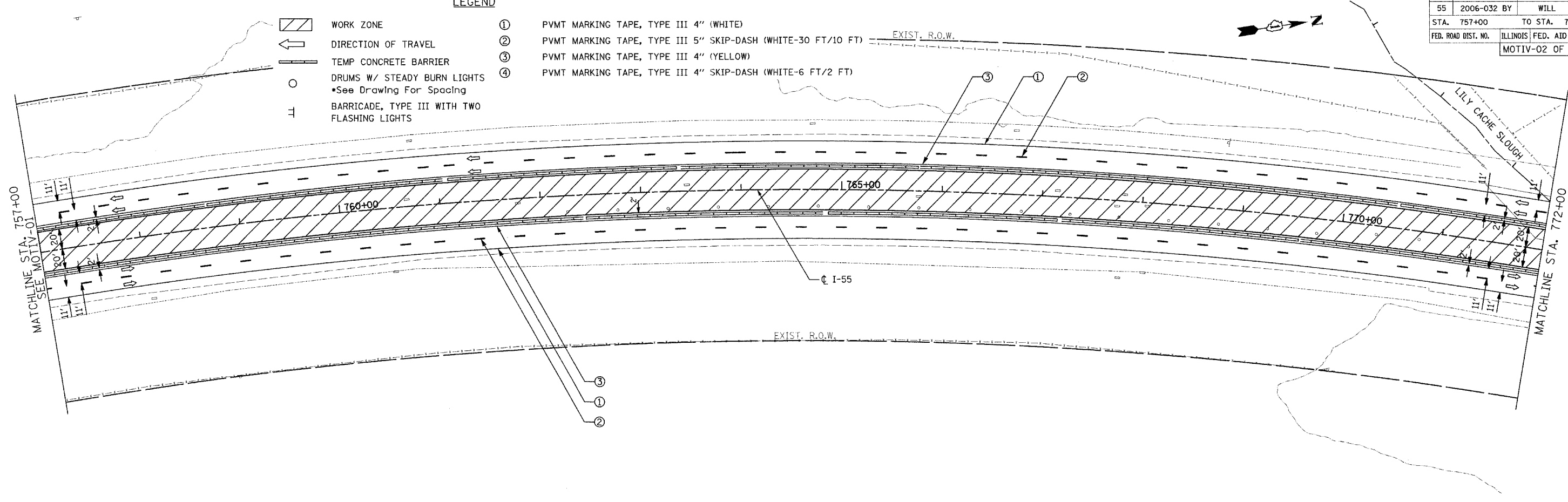
**FINAL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	137
STA. 757+00		TO STA. 787+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOTIV-02 OF 03		

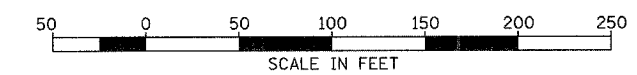
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  TEMP CONCRETE BARRIER
-  DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
-  BARRICADE, TYPE III WITH TWO FLASHING LIGHTS

- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)



STAGE IV



REVISIONS	
NAME	DATE

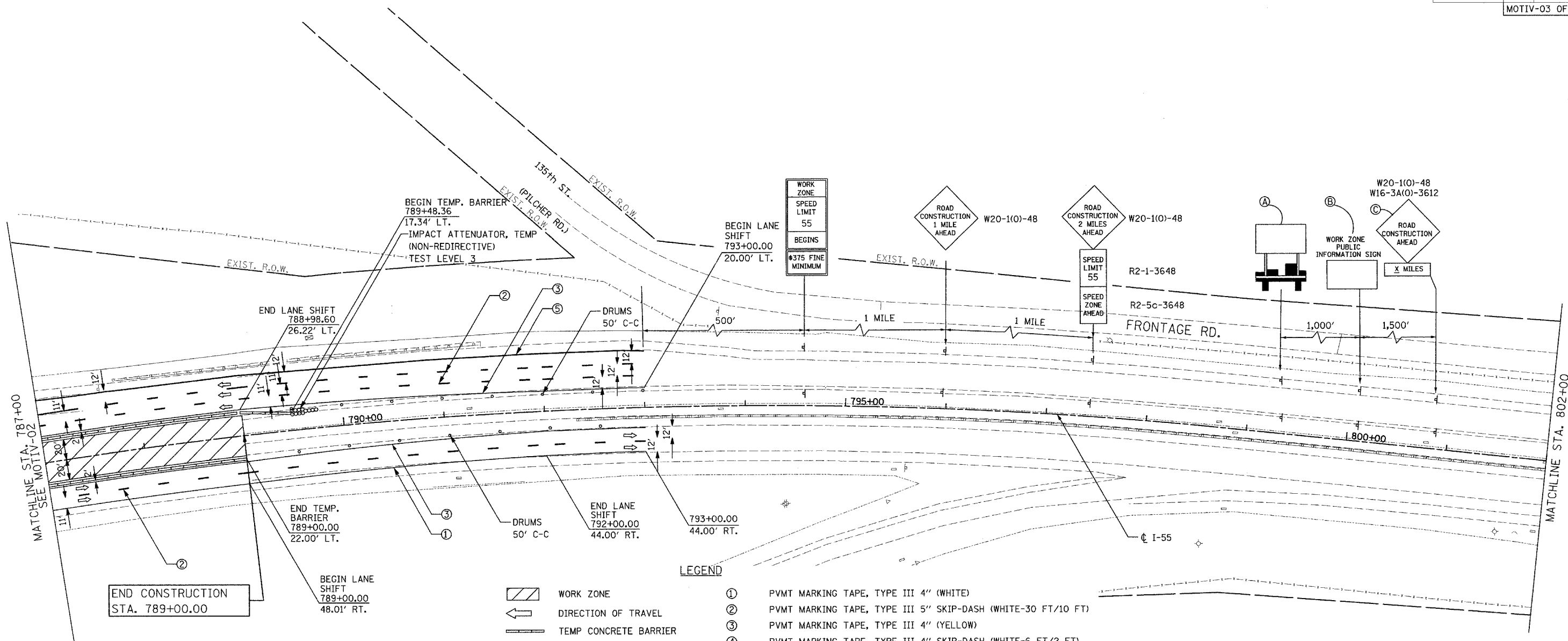
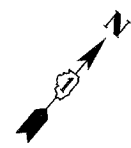
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL  
 SCALE: 1" = 50'  
 DATE: 07-21-06  
 DRAWN BY: TJR  
 CHECKED BY: DM

FINAL

LEGEND

(ABC) SEE IDOT STANDARD 701400

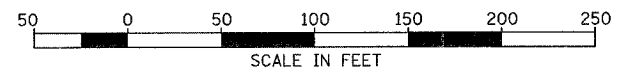
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	138
STA. 787+00	TO STA. 817+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
MOTIV-03 OF 03				



LEGEND

- WORK ZONE
- DIRECTION OF TRAVEL
- TEMP CONCRETE BARRIER
- DRUMS W/ STEADY BURN LIGHTS  
•See Drawing For Spacing
- BARRICADE, TYPE III WITH TWO FLASHING LIGHTS
- VERTICAL PANELS / BARRICADES  
•See Standards for Spacing
- ① PVMT MARKING TAPE, TYPE III 4" (WHITE)
- ② PVMT MARKING TAPE, TYPE III 5" SKIP-DASH (WHITE-30 FT/10 FT)
- ③ PVMT MARKING TAPE, TYPE III 4" (YELLOW)
- ④ PVMT MARKING TAPE, TYPE III 4" SKIP-DASH (WHITE-6 FT/2 FT)
- ⑤ PVMT MARKING TAPE, TYPE III 8" (WHITE)
- ⑥ PVMT MARKING TAPE, TYPE III 12" (WHITE)

END CONSTRUCTION  
STA. 789+00.00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

STAGES OF CONSTRUCTION  
 AND TRAFFIC CONTROL

SCALE: 1" = 50'  
 DATE: 07-21-06

DRAWN BY: TJR  
 CHECKED BY: DM

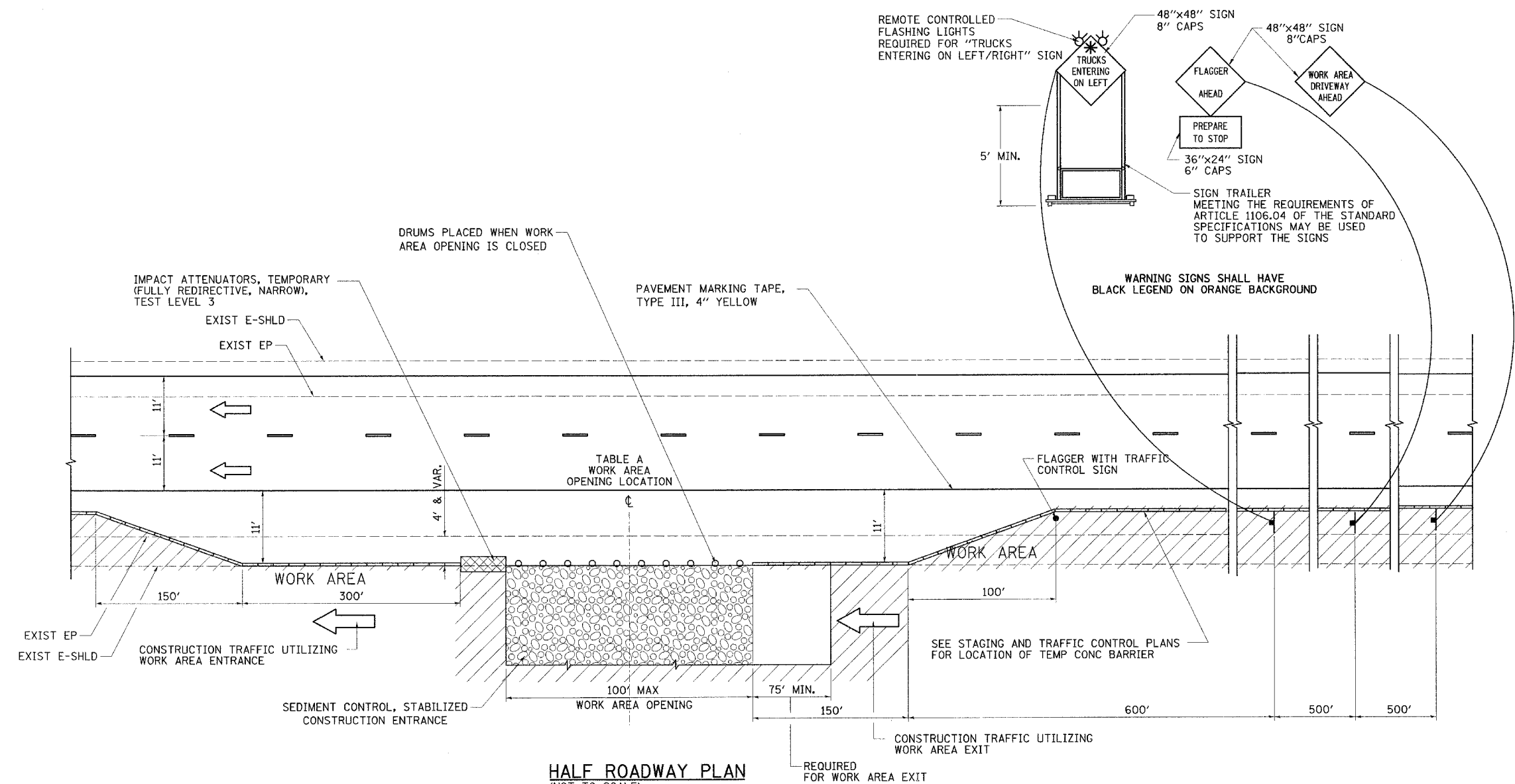
STAGE IV

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	139
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUGGESTED SOUTH BOUND STATION	SUGGESTED NORTH BOUND STATION
STA 597+00	STA 602+00
STA 620+00	STA 625+00
STA 718+00	STA 704+00
STA 756+00	STA 761+00
STA 779+00	STA 784+00

\* SIGNS ARE TO READ "TRUCKS ENTERING ON LEFT/RIGHT"  
"TRUCK LEAVING ON LEFT/RIGHT" AS APPLICABLE.



**HALF ROADWAY PLAN**  
(NOT TO SCALE)

**LEGEND:**

- FLAGGER WITH TRAFFIC CONTROL SIGN
- ← DIRECTION OF TRAFFIC
- ⊥ SIGN ON SUPPORT
- DRUM W/ MONODIRECTIONAL STEADY BURN LIGHT
- TBT = TRAFFIC BARRIER TERMINAL
- TCB = TEMPORARY CONCRETE BARRIER
- ▨ WORK AREA
- ▩ IMPACT ATTENUATOR

**NOTES**

1. THE "FLAGGER AHEAD" AND "TRUCKS ENTERING OR TRUCKS LEAVING ON LEFT/RIGHT" SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
2. THE FLASHING LIGHTS SHALL MEET THE REQUIREMENTS OF ARTICLE 702.05(c) AND BE OPERATED BY THE FLAGGER REMOTELY. THE LIGHTS SHALL BE FLASHING ONLY WHEN A VEHICLE IS ENTERING THE EXPRESSWAY.
3. WORK AREA EXIT OPENINGS SHALL BE LOCATED A MINIMUM OF ONE HALF MILE APART.  
WORK AREA EXIT OPENINGS AND WORK AREA ENTRANCE OPENINGS SHALL BE LOCATED A MINIMUM OF 2,300' APART.  
WORK AREA OPENINGS INTO THE MEDIAN FROM BOTH DIRECTIONS OF TRAFFIC SHALL NOT BE PLACED DIRECTLY ACROSS FROM EACH OTHER.  
WORK AREA OPENINGS INSTALLED DURING STAGE I CONSTRUCTION MAY BE LOCATED AS SHOWN IN TABLE A.  
THE WORK AREA OPENING LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
4. ALL CONSTRUCTION VEHICLES SHALL EXIT THE WORK AREA AT A WORK AREA OPENING.
5. ALL CONSTRUCTION VEHICLES SHALL ENTER THE WORK AREA AT A WORK AREA ENTRANCE OPENING AND SHALL USE THEIR TURN SIGNALS TO WARN MOTORISTS.

6. THE CONTRACTOR SHALL PLACE DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS, SPACED AT 10' CENTERS, ACROSS THE WORK AREA OPENING WHEN THE WORK AREA OPENING IS CLOSED. THE COSTS OF INSTALLING, MAINTAINING AND REMOVING THESE DRUMS AND SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
7. WORK AREA OPENINGS SHALL NOT BE SIMULTANEOUSLY USED AS A WORK AREA ENTRANCE AND A WORK AREA EXIT.
8. THE CONTRACTOR SHALL CLOSE THE WORK AREA OPENING WHEN REVISING THE SIGNING FROM AN ENTRANCE TO AN EXIT AND FROM AN EXIT TO AN ENTRANCE.
9. A FLAGGER IS REQUIRED AT ALL TIMES UNLESS THE WORK AREA OPENING IS CLOSED. THE COST OF THE FLAGGER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".

10. SEE STAGING AND TRAFFIC CONTROL DETAIL FOR EMERGENCY PULLOUT AND EROSION AND SEDIMENT CONTROL DETAIL FOR STABILIZED CONSTRUCTION ENTRANCE.



REVISIONS	
NAME	DATE

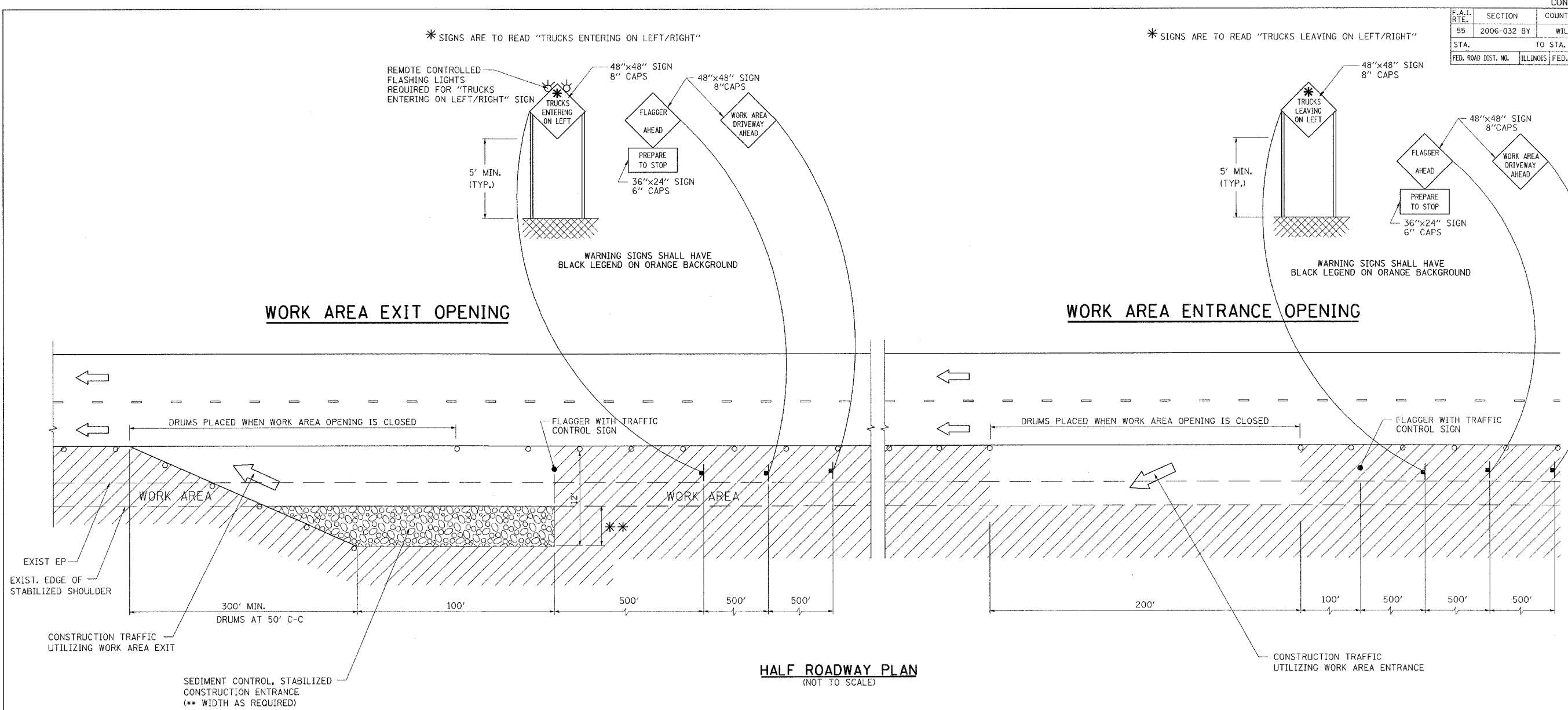
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

STAGING AND TRAFFIC CONTROL DETAIL  
FOR WORK AREA DRIVEWAY ENTRANCE/EXIT

SCALE: NONE  
DATE: 06-30-06

DRAWN BY: DM  
CHECKED BY: DVS

CONTRACT NO. 60B86			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	2006-032 BY	WILL.	505 139A
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



HALF ROADWAY PLAN  
(NOT TO SCALE)

**NOTES**

1. THE "FLAGGER AHEAD" AND "TRUCKS ENTERING OR TRUCKS LEAVING ON LEFT/RIGHT" SIGNS SHALL BE REMOVED OR COVERED WHEN THE FLAGGING OPERATION CEASES.
2. THE FLASHING LIGHTS SHALL MEET THE REQUIREMENTS OF ARTICLE 702.05(G) AND BE OPERATED BY THE FLAGGER REMOTELY. THE LIGHTS SHALL BE FLASHING ONLY WHEN A VEHICLE IS ENTERING THE EXPRESSWAY.
3. WORK AREA EXIT OPENINGS SHALL BE LOCATED A MINIMUM OF ONE HALF MILE APART. WORK AREA ENTRANCE OPENINGS SHALL BE LOCATED A MINIMUM OF 2,300' APART. WORK AREA OPENINGS INTO THE MEDIAN FROM BOTH DIRECTIONS OF TRAFFIC SHALL NOT BE PLACED DIRECTLY ACROSS FROM EACH OTHER. THE WORK AREA OPENING LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
4. ALL CONSTRUCTION VEHICLES SHALL EXIT THE WORK AREA AT A WORK AREA EXIT OPENING.
5. ALL CONSTRUCTION VEHICLES SHALL ENTER THE WORK AREA AT A WORK AREA ENTRANCE OPENING AND SHALL USE THEIR TURN SIGNALS TO WARN MOTORISTS.
6. THE CONTRACTOR SHALL PLACE DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS, SPACED AT 50' CENTERS, ACROSS THE WORK AREA OPENING WHEN THE WORK AREA OPENING IS CLOSED. THE COSTS OF INSTALLING, MAINTAINING AND REMOVING THESE DRUMS AND SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
7. WORK AREA OPENINGS SHALL NOT BE SIMULTANEOUSLY USED AS A WORK AREA ENTRANCE AND A WORK AREA EXIT.
8. THE CONTRACTOR SHALL CLOSE THE WORK AREA OPENING WHEN REVISING THE SIGNING FROM AN ENTRANCE TO AN EXIT AND FROM AN EXIT TO AN ENTRANCE.
9. A FLAGGER IS REQUIRED AT ALL TIMES UNLESS THE WORK AREA OPENING IS CLOSED. THE COST OF THE FLAGGER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
10. SEE EROSION AND SEDIMENT CONTROL DETAIL FOR STABILIZED CONSTRUCTION ENTRANCE.

**LEGEND:**

- FLAGGER WITH TRAFFIC CONTROL SIGN
- ← DIRECTION OF TRAFFIC
- SIGN ON SUPPORT
- DRUM W/ MONODIRECTIONAL STEADY BURN LIGHT
- ▨ WORK AREA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILL. ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**STAGING AND TRAFFIC CONTROL  
 DETAIL FOR SIGNING FOR FLAGGING  
 OPERATIONS AT WORK AREA OPENINGS**

SCALE: N.T.S. DRAWN BY: JP  
 DATE: 07/21/06 CHECKED BY: DDH

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

PLOT DATE = 07/21/06  
 PLOT SCALE = 1"=50'  
 USER NAME = USER0  
 7-18-2006 17:02:31  
 \\NTS914001\JOBN\_4809914001\JOBN\_4809914001\CIVIL\JOBN\MT181\060806.SHT  
 \$A\$DOCUMENT\022818181\CIVIL\JOBN\MT181\060806.SHT  
 BH\ZKJ

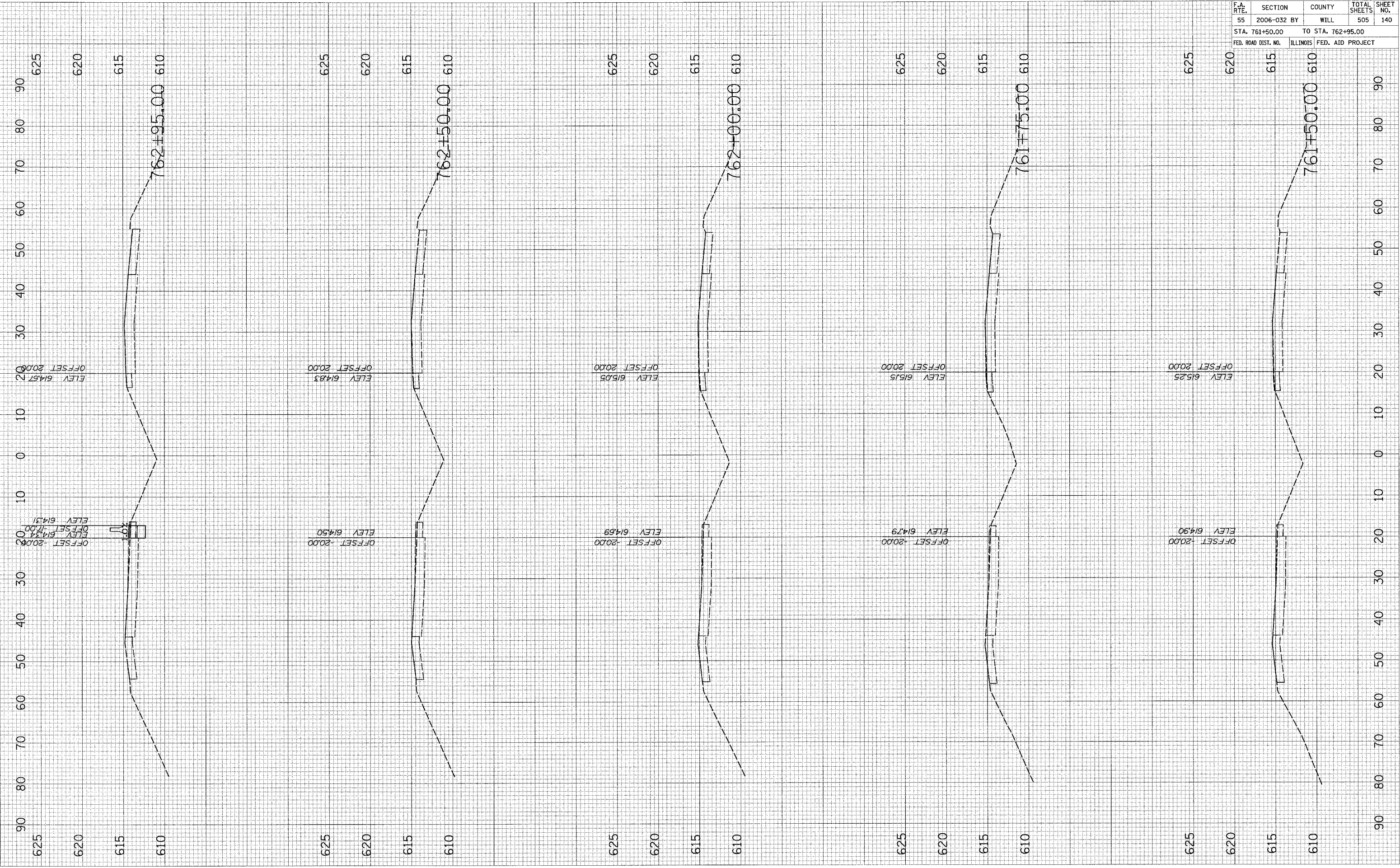


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	140
STA. 761+50.00 TO STA. 762+95.00				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		

PLOT DATE = 6/30/2006  
 FILE NAME = #FILEL4  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#



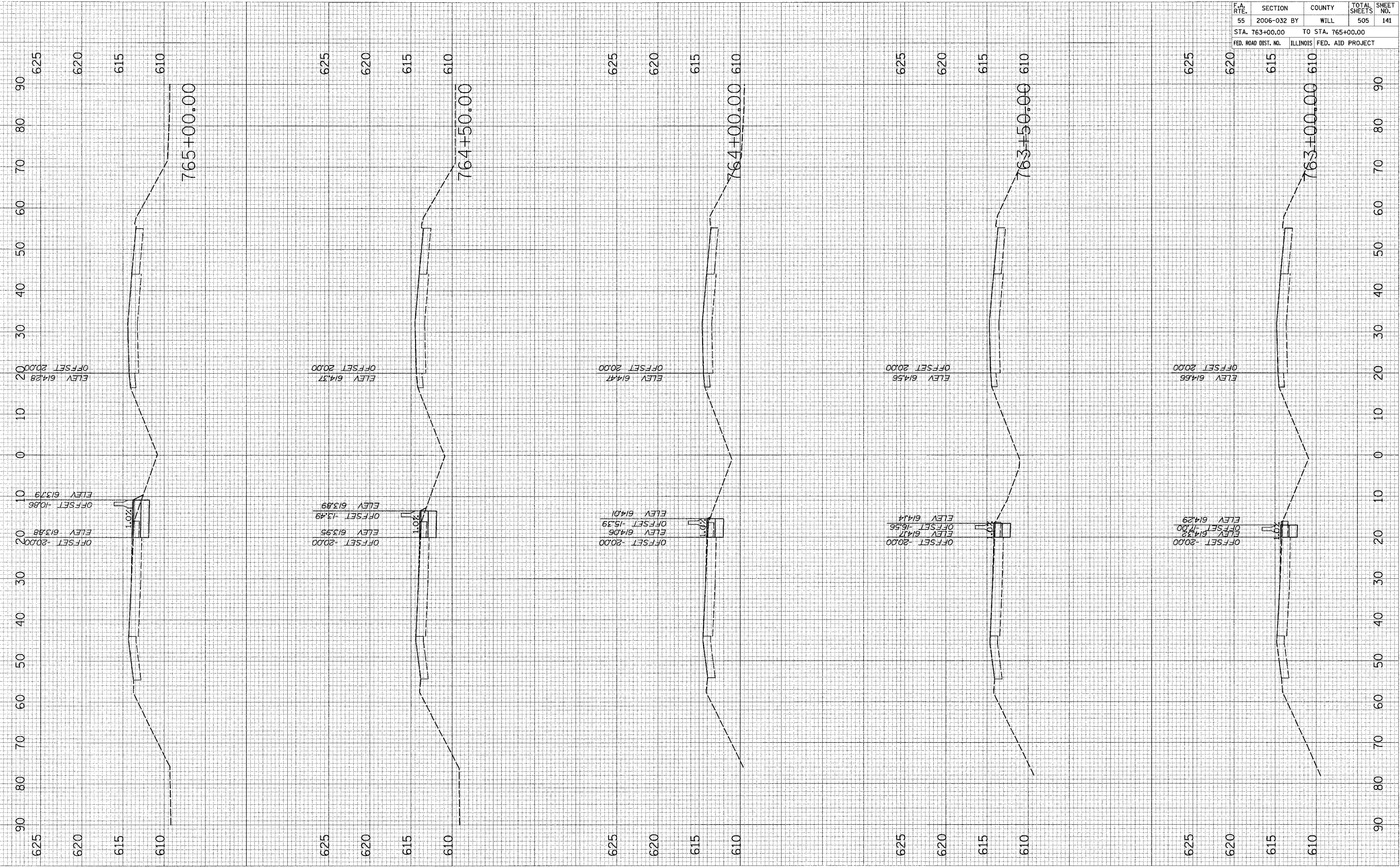
STAGE II OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032	BY WILL	505	141
STA. 763+00.00		TO STA. 765+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS	CHECKED		
VOL. _____			

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS	CHECKED		
VOL. _____			

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

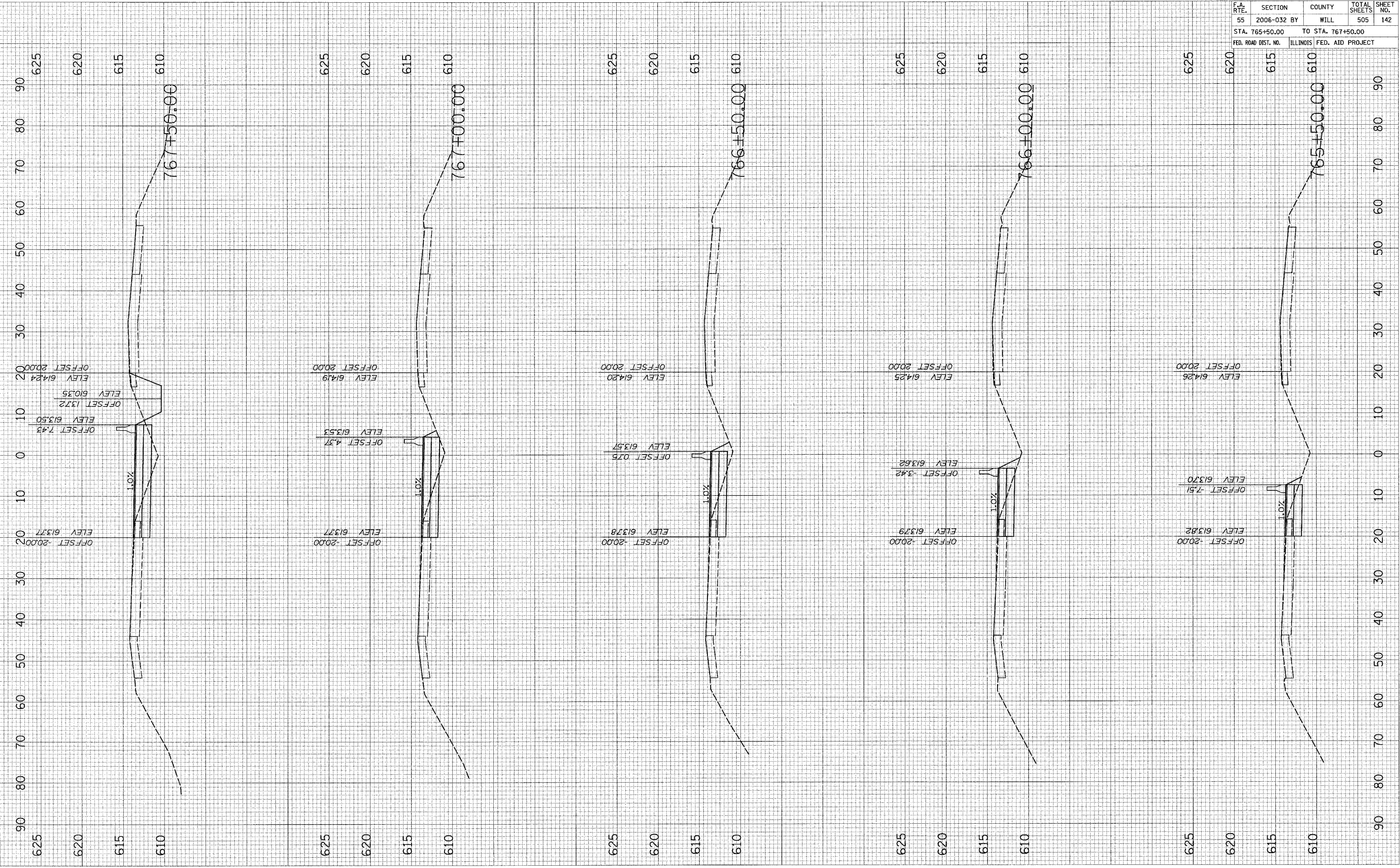


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032	BY WILL	505	142
STA. 765+50.00		TO STA. 767+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS	AREAS CHECKED		

PLOT DATE = 6/30/2006  
 FILE NAME = #FILEL#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

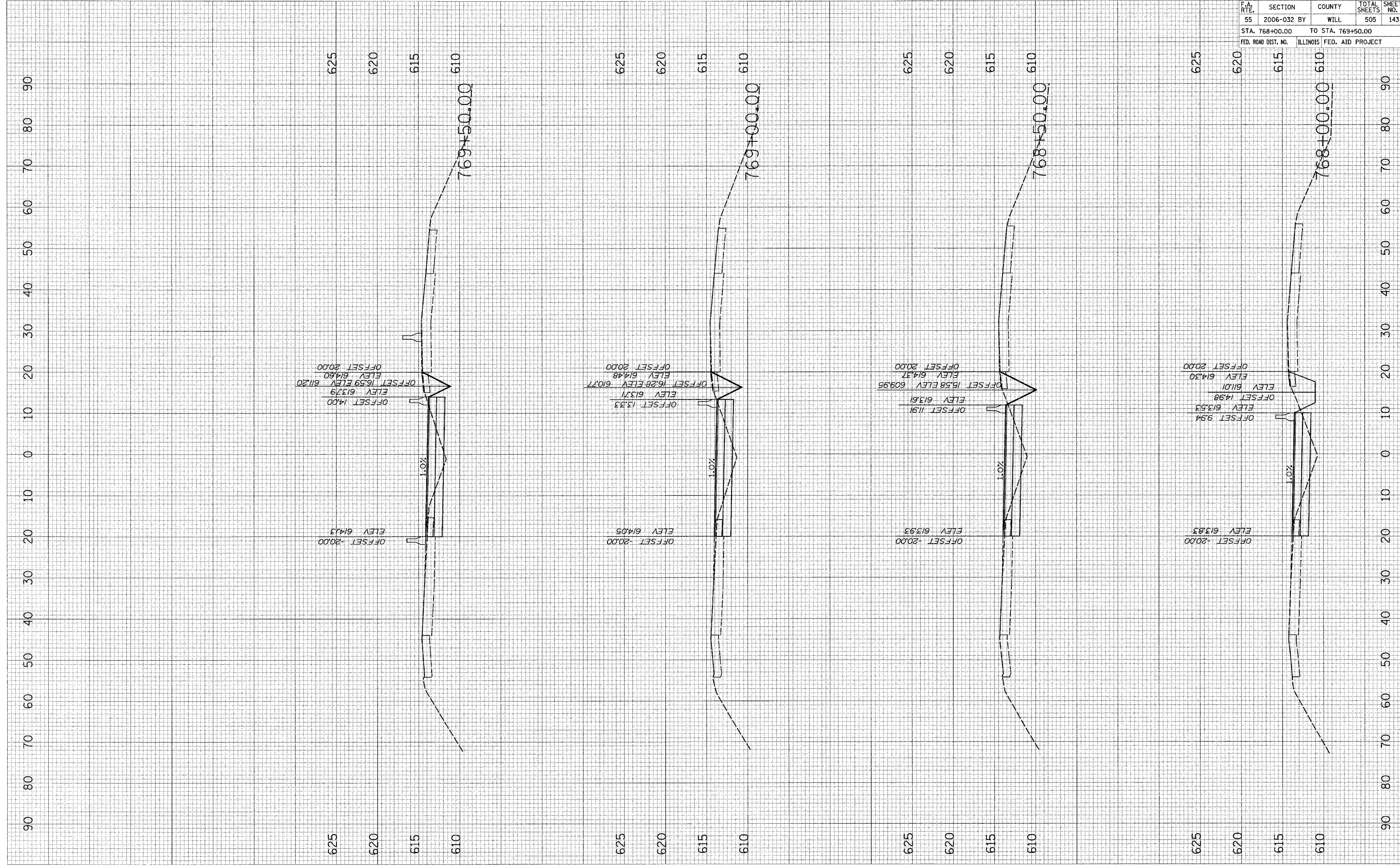


F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	143
STA. 768+00.00 TO STA. 769+50.00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMP. AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
TEMP. AREAS		
AREAS CHECKED		

PLOT DATE = 6/28/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

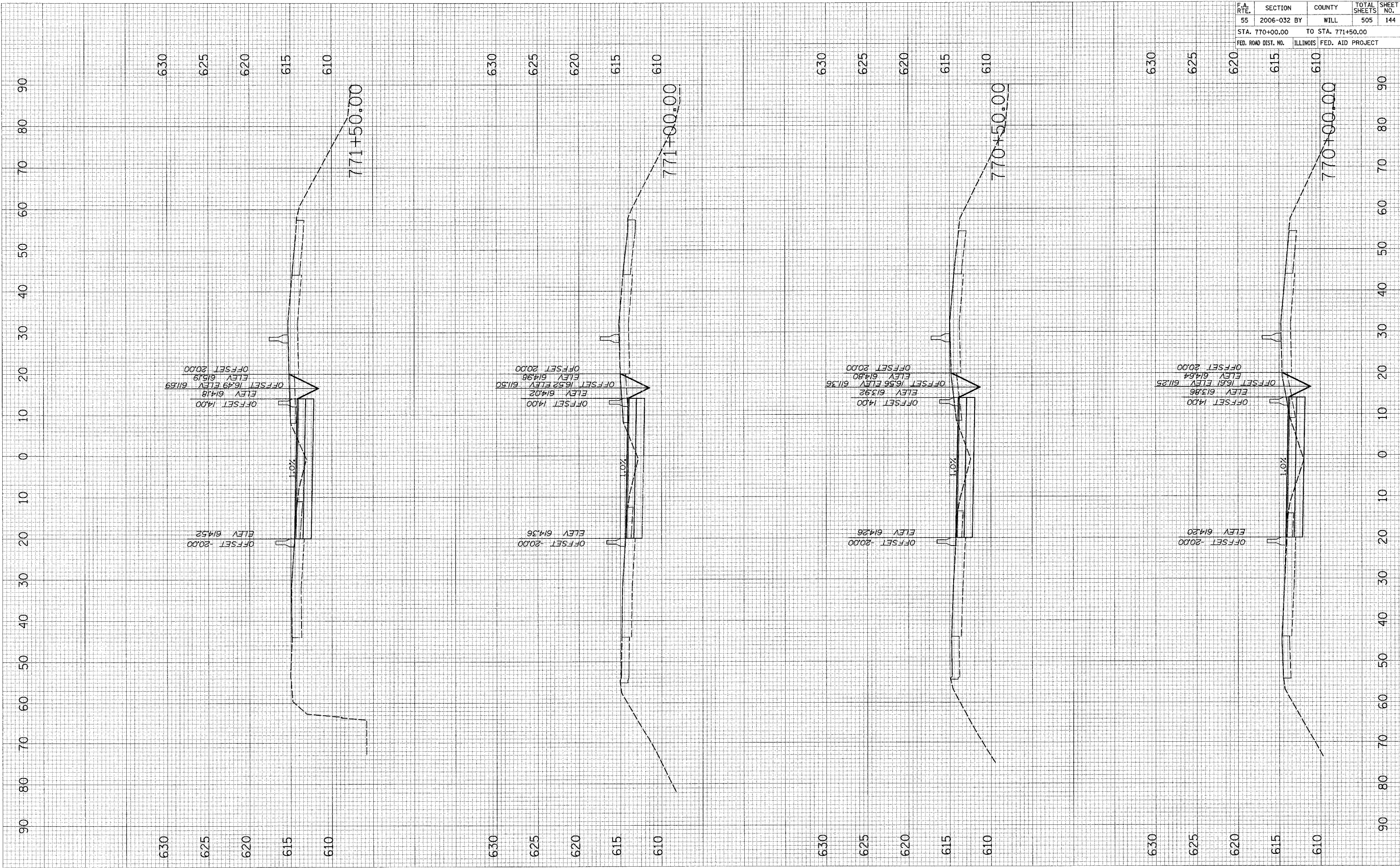


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	144
STA. 770+00.00		TO STA. 771+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS	
	CHECKED	

PLOT DATE = 6/26/2006  
 PLOT SCALE = 1"=40'  
 USER NAME = JUSERS



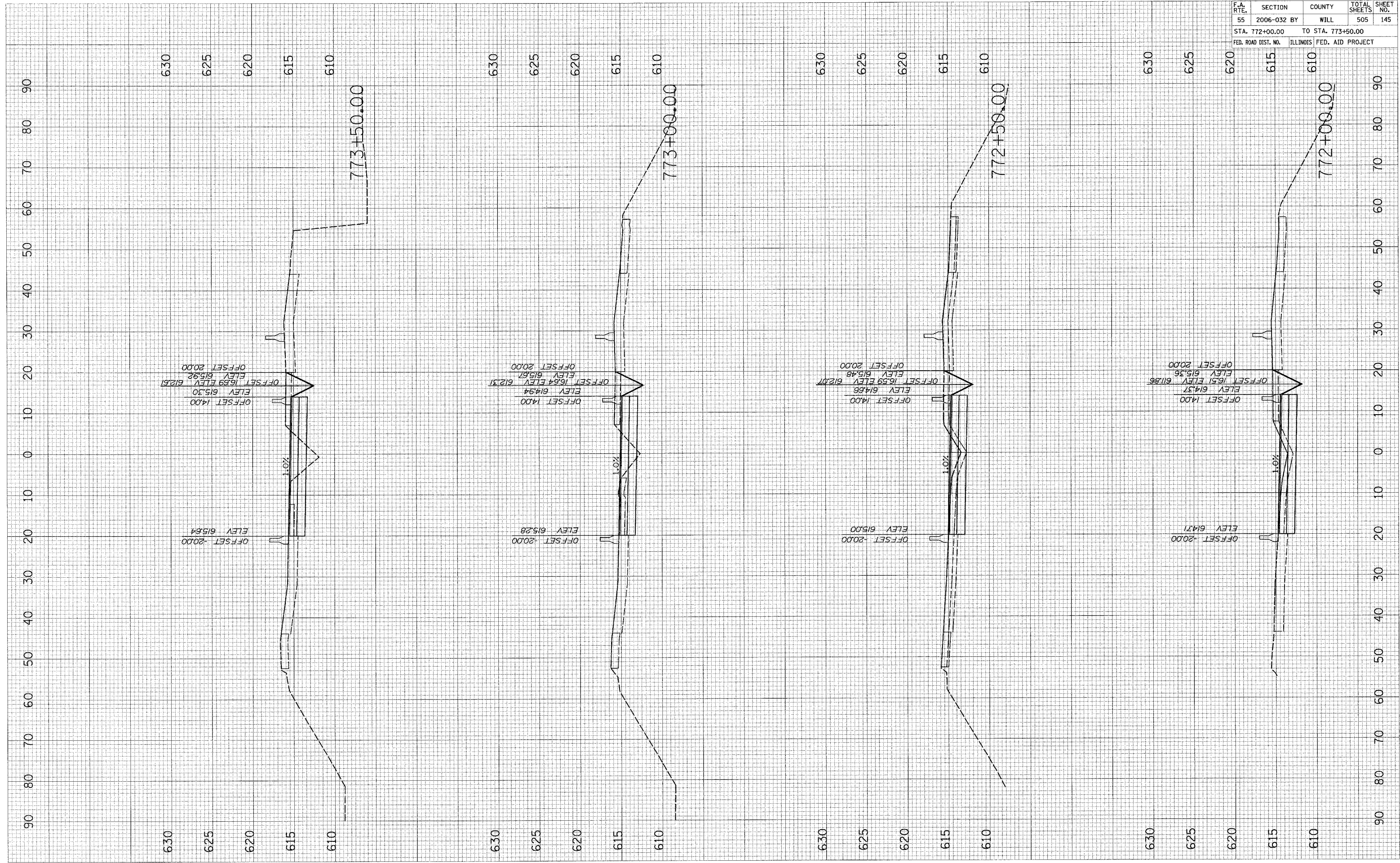
STAGE II OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	145
STA. 772+00.00 TO STA. 773+50.00		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	DATE
PROPOSED	BY _____
NOTE BOOK	NO. _____
TEMPLATE	DATE
AREAS	BY _____
CHECKED	NO. _____

ORIGINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	DATE
PROPOSED	BY _____
NOTE BOOK	NO. _____
TEMPLATE	DATE
AREAS	BY _____
CHECKED	NO. _____

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

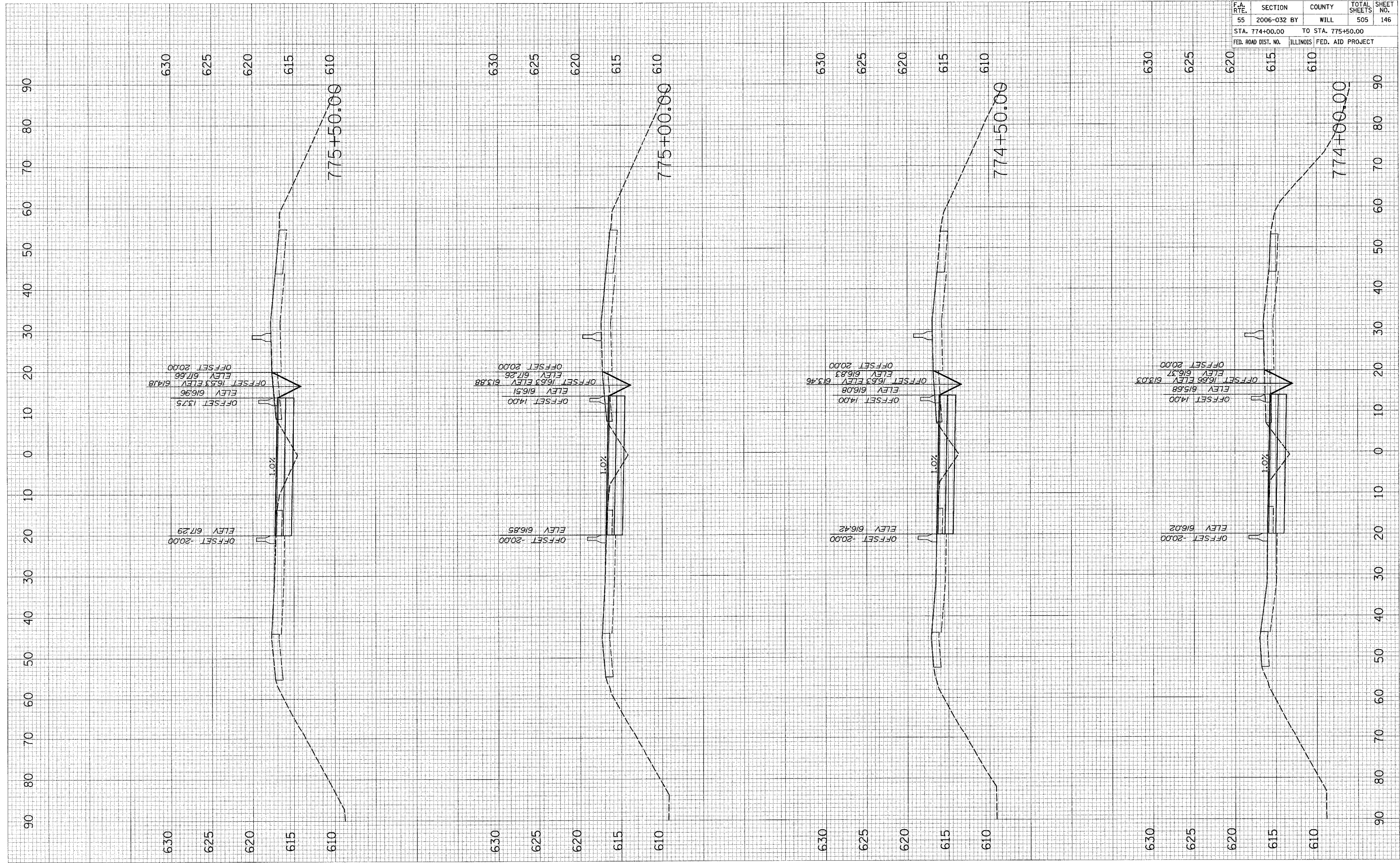


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	146
STA. 774+00.00		TO STA. 775+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
DESIGNED		
PLOTTED		
NOTE BOOK		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
DESIGNED		
PLOTTED		
NOTE BOOK		
AREAS		
CHECKED		

PLOT DATE = 6/30/2006  
 FILE NAME = 8FILE8  
 PLOT SCALE = 8SCALE8  
 USER NAME = 8USER8



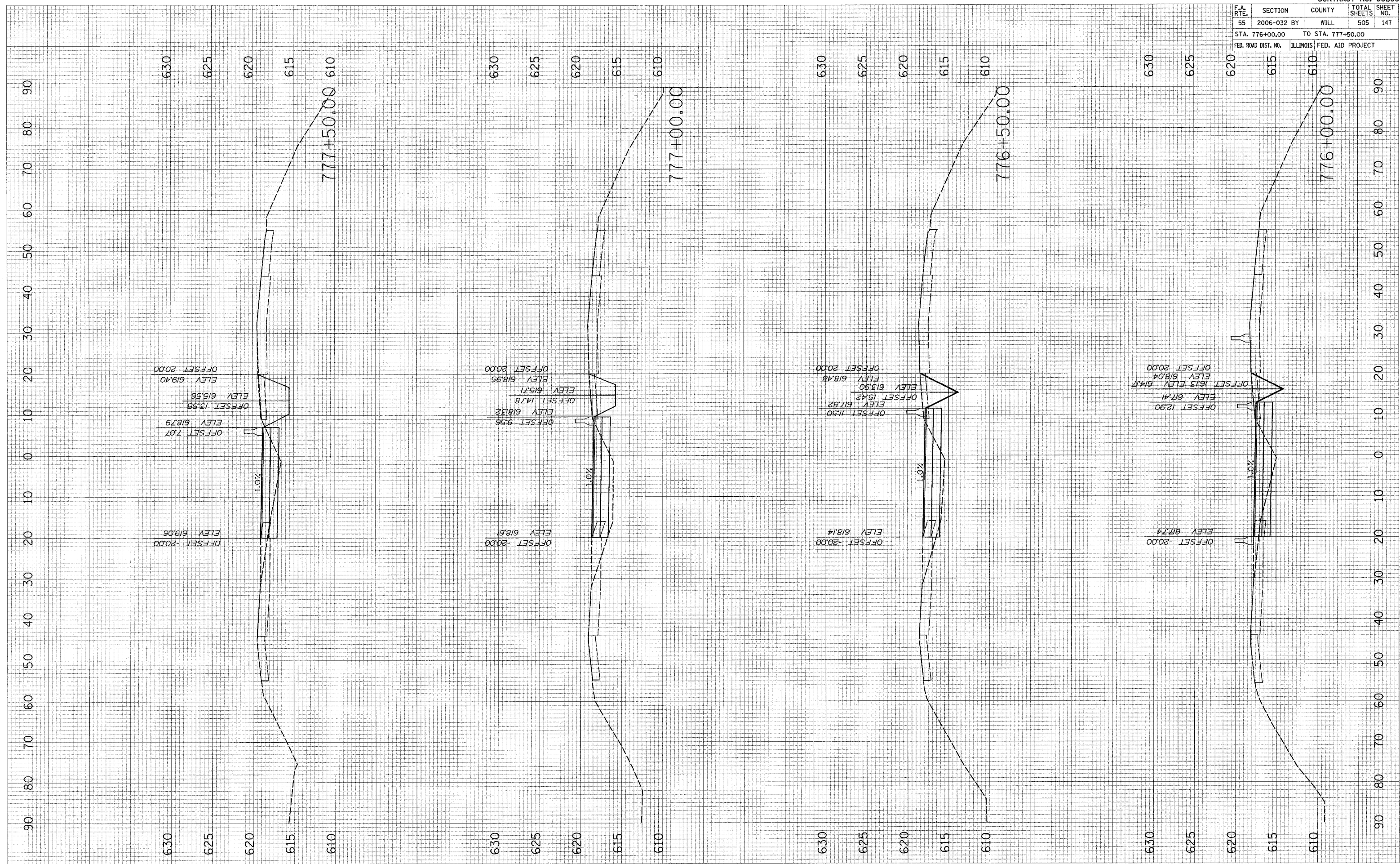
STAGE II OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032	BY WILL	505	147
STA. 776+00.00		TO STA. 777+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NO. OF SHEETS		
NOTE BOOK		
TEMP. AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NO. OF SHEETS		
NOTE BOOK		
TEMP. AREAS		
AREAS CHECKED		

PLOT DATE = 6/30/2006  
 FILE NAME = #FILEL#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#



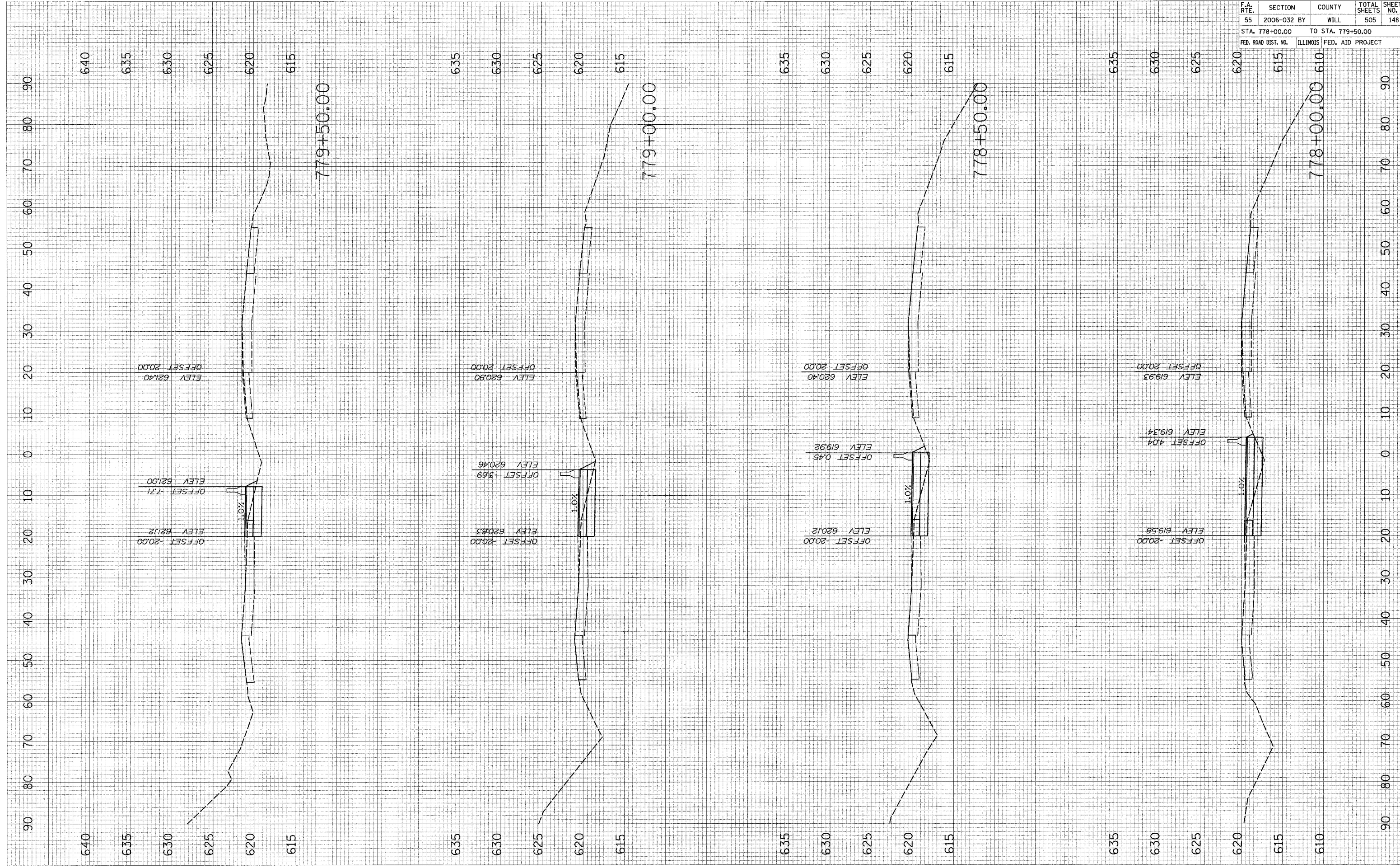


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	148
STA. 778+00.00		TO STA. 779+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
NOTED	BY
NOTE BOOK	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NOTED	BY
NOTE BOOK	
AREAS	
AREAS CHECKED	

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

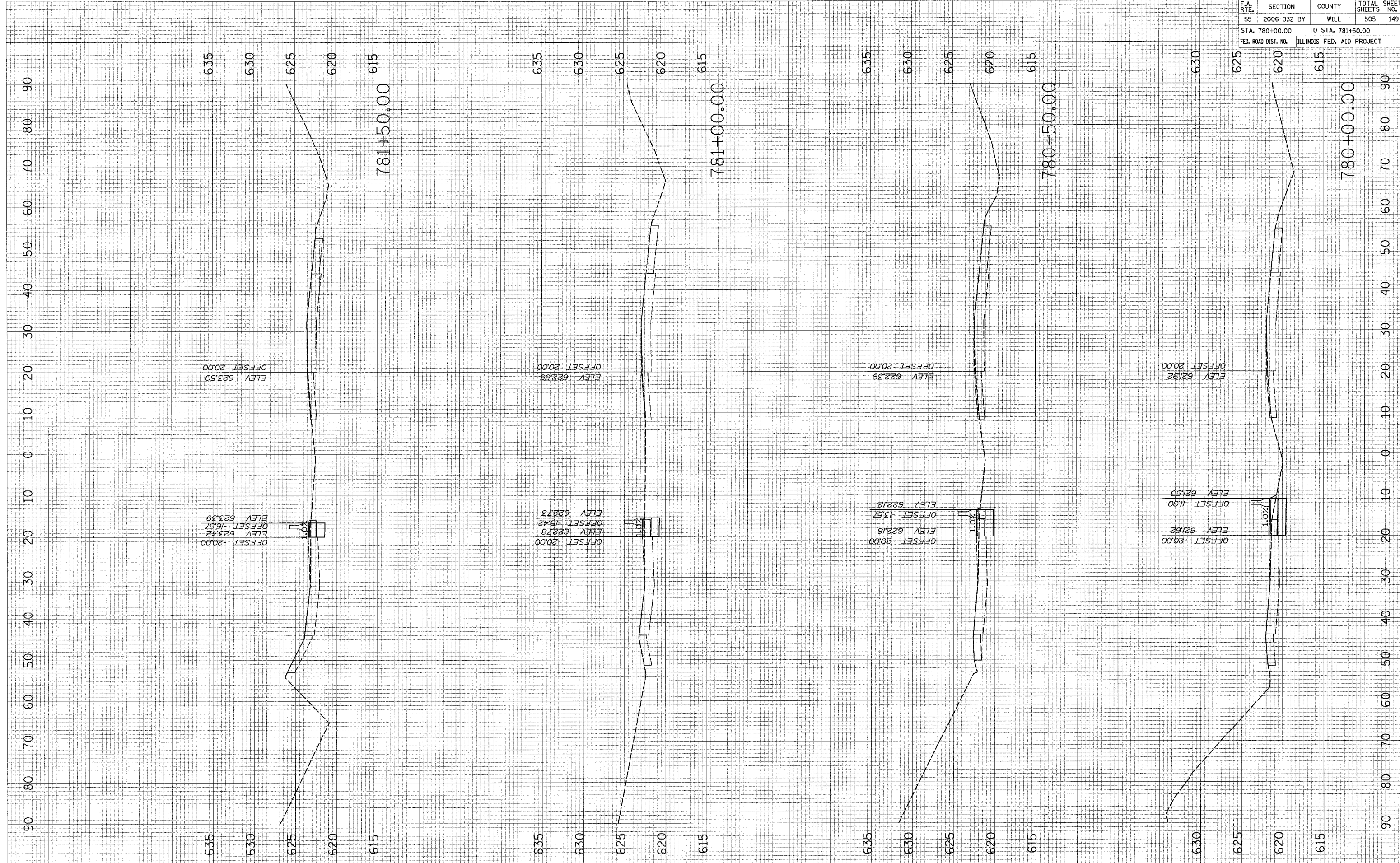


F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032	BY WILL	505	149
STA. 780+00.00 TO STA. 781+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
REVISIONS		
NOTED		
TEMPERATURE		
AREAS		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
TEMPERATURE		
AREAS		
NO.		

PLOT DATE = 6/30/2006  
 FILE NAME = #FILEL\*  
 PLOT SCALE = #SCALE\*  
 USER NAME = #USER\*



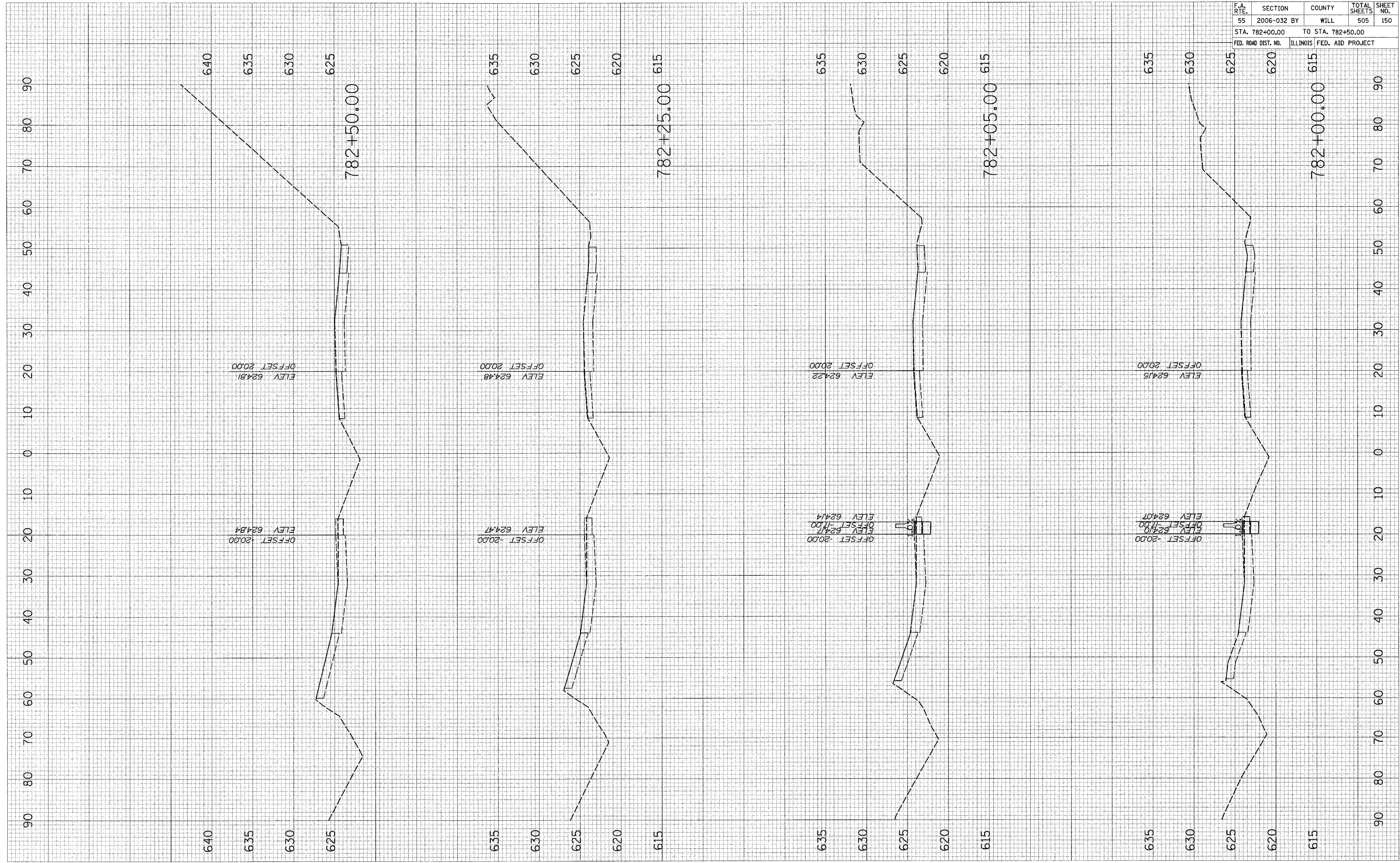
STAGE II OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	150
STA. 782+00.00 TO STA. 782+50.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

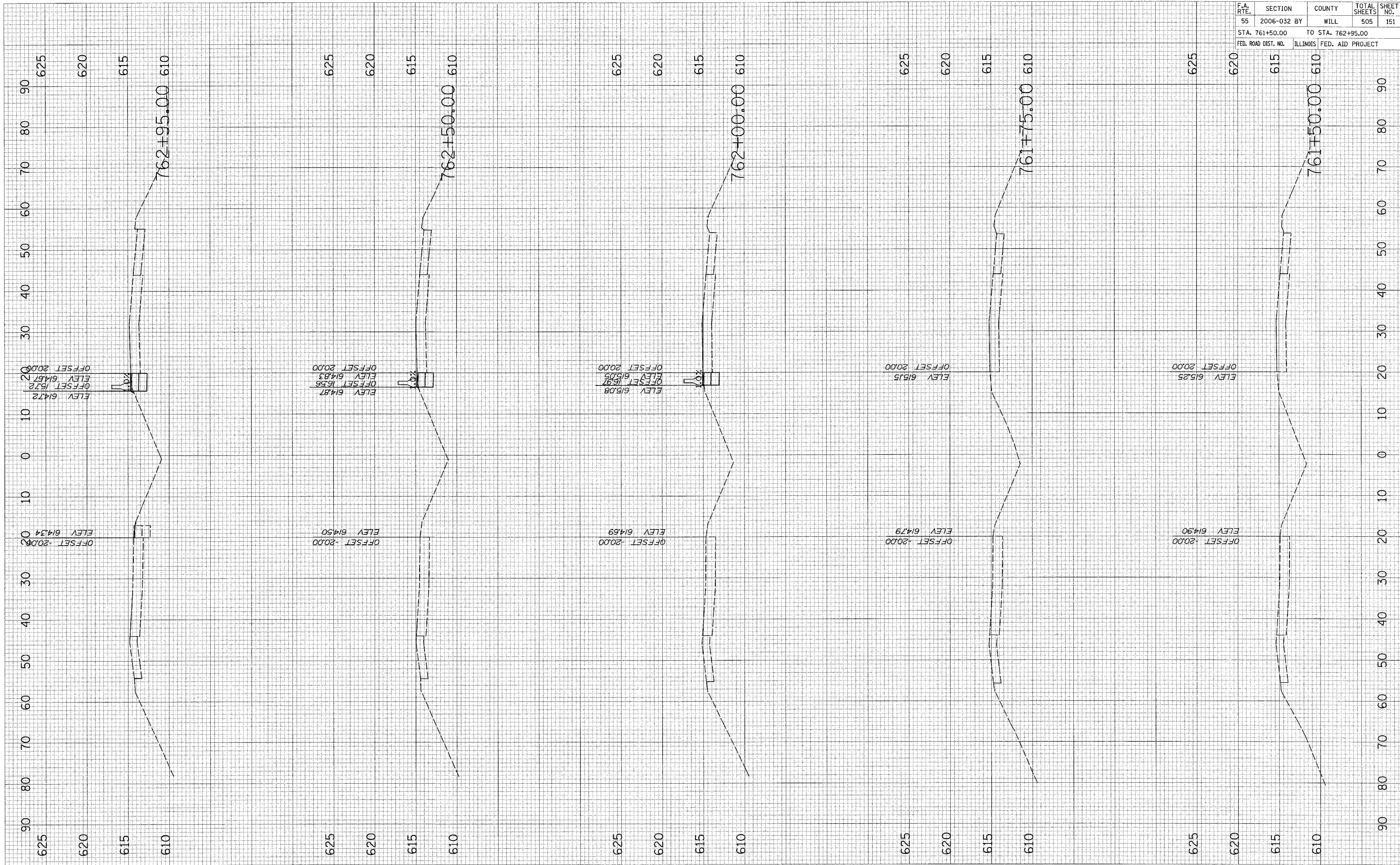


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	151
STA. 761+50.00		TO STA. 762+95.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 6/20/2006  
 FILE NAME = 611111  
 PLOT SCALE = 1"=40'  
 USER NAME = USER1



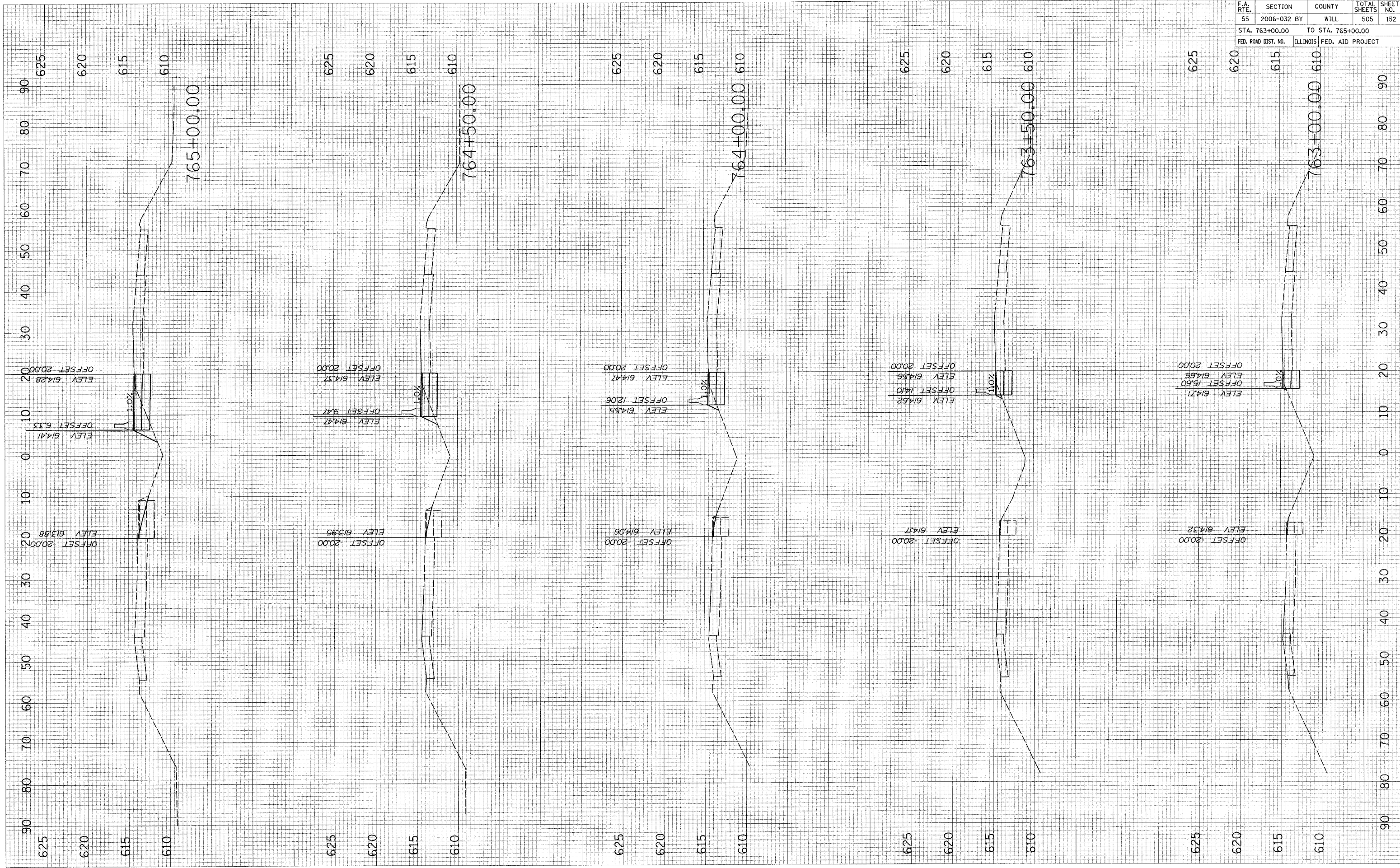
STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	152
STA. 763+00.00		TO STA. 765+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#



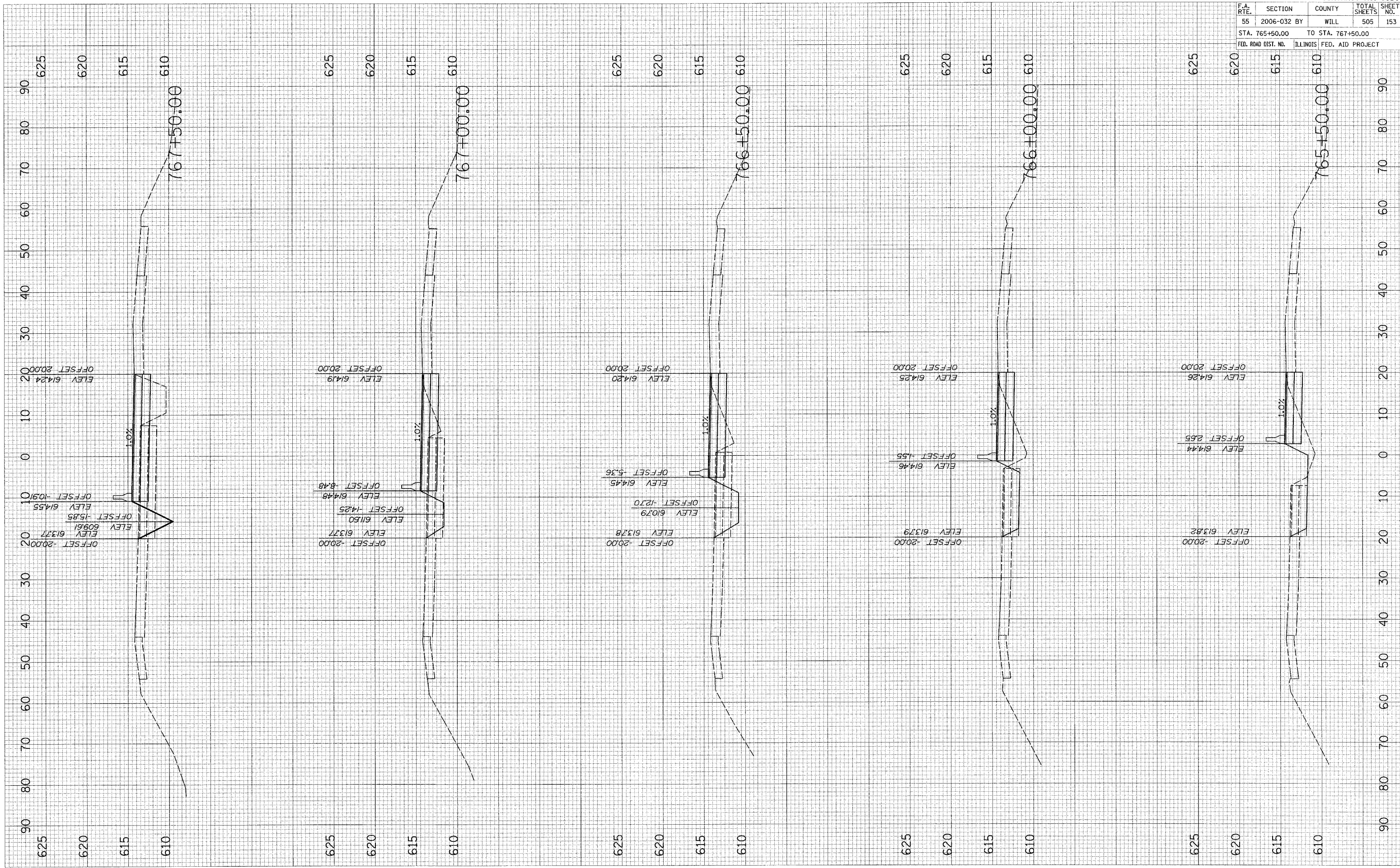
STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	153
STA. 765+50.00		TO STA. 767+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

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

PLOT DATE = 6/29/2006  
 FILE NAME = #FILEL6  
 USER NAME = #USER6



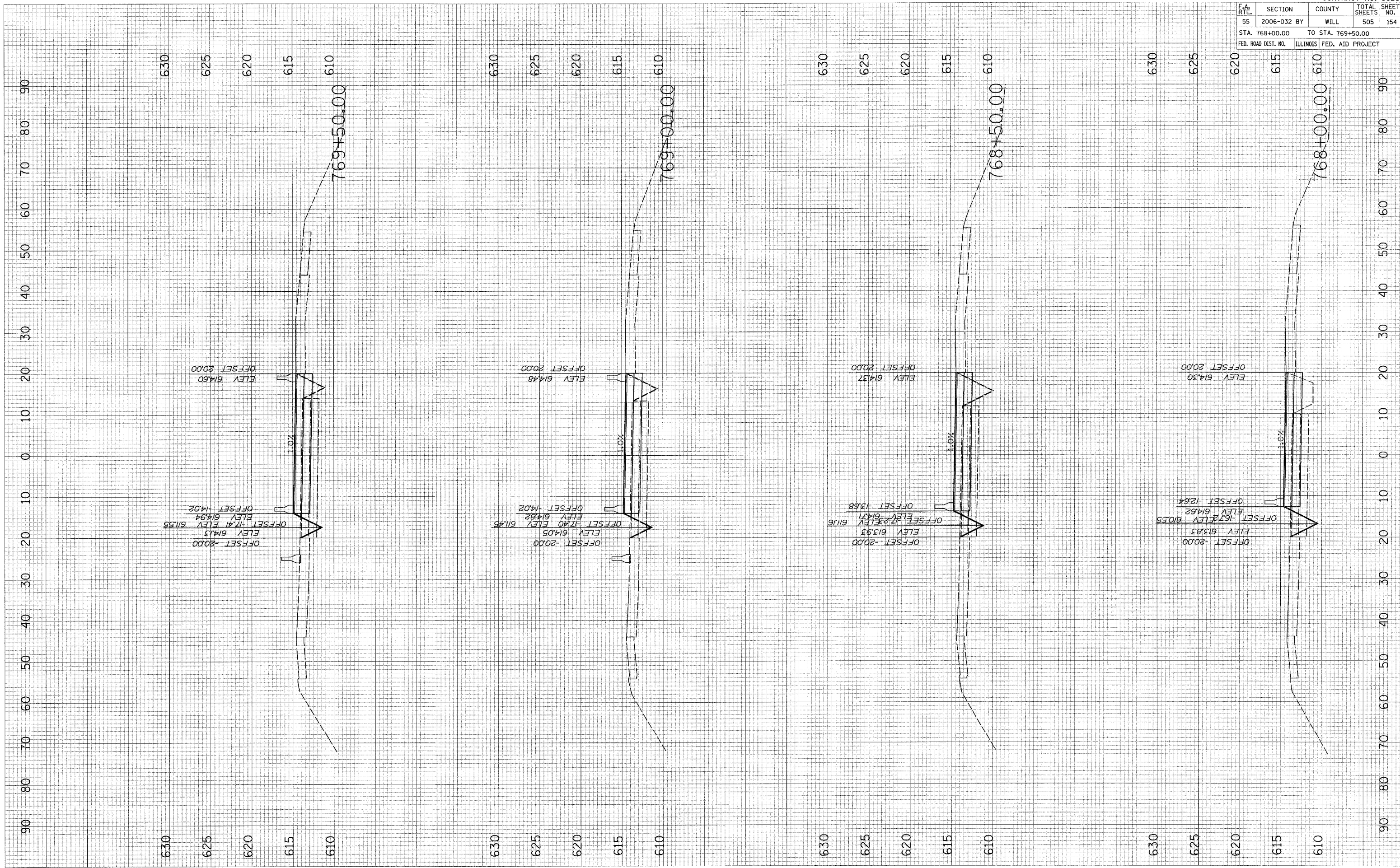
STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	154
STA. 768+00.00		TO STA. 769+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 6/30/2006  
 FILE NAME = 0FILEL  
 USER NAME = 0USER

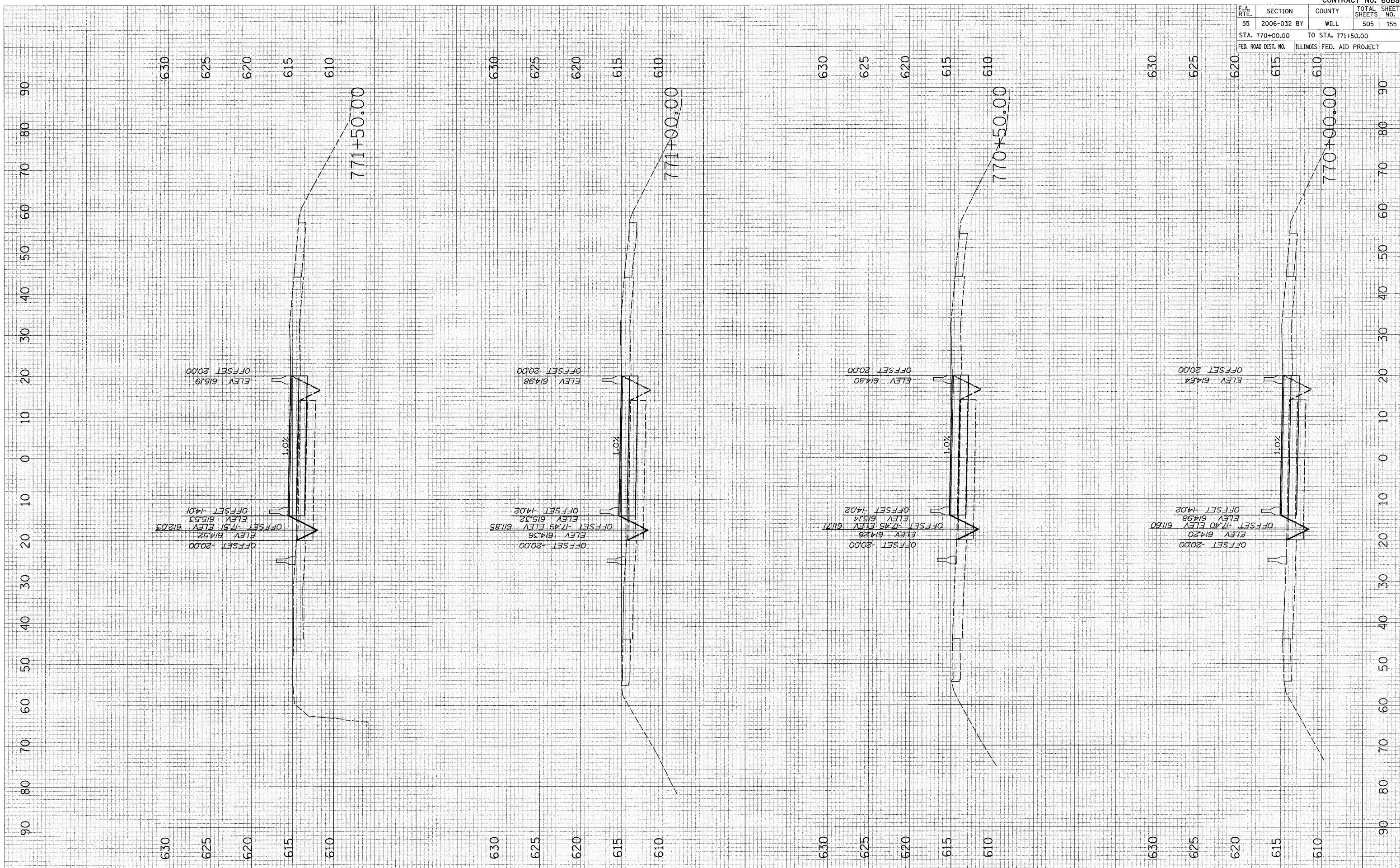


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	155
STA. 770+00.00		TO STA. 771+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

PLOT DATE = 6/20/2006  
 FILE NAME = WLEL15  
 USER NAME = WUSER



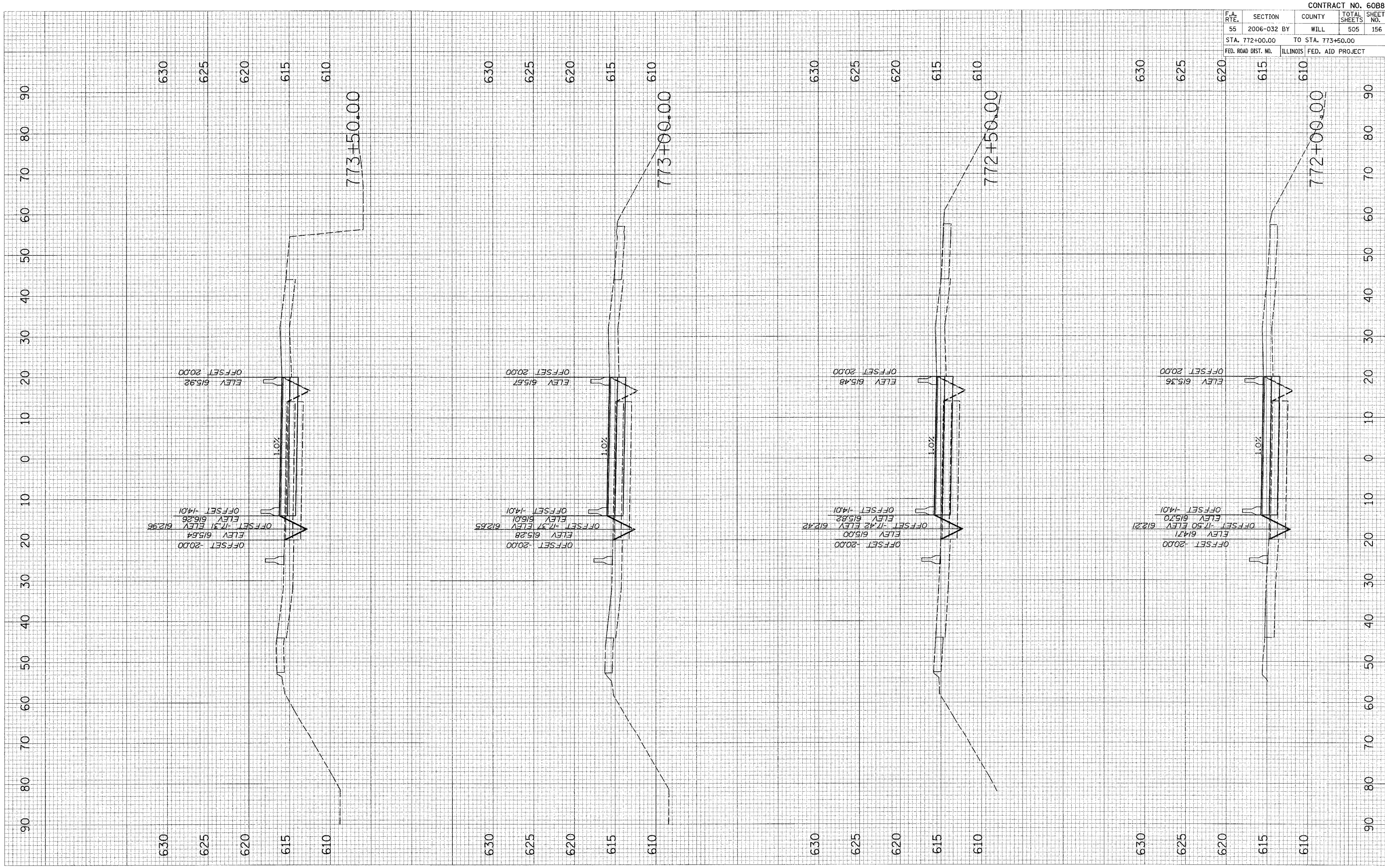


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	156
STA. 772+00.00		TO STA. 773+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE = 6/26/2006  
 FILE NAME = #FILE#  
 USER NAME = #USER#



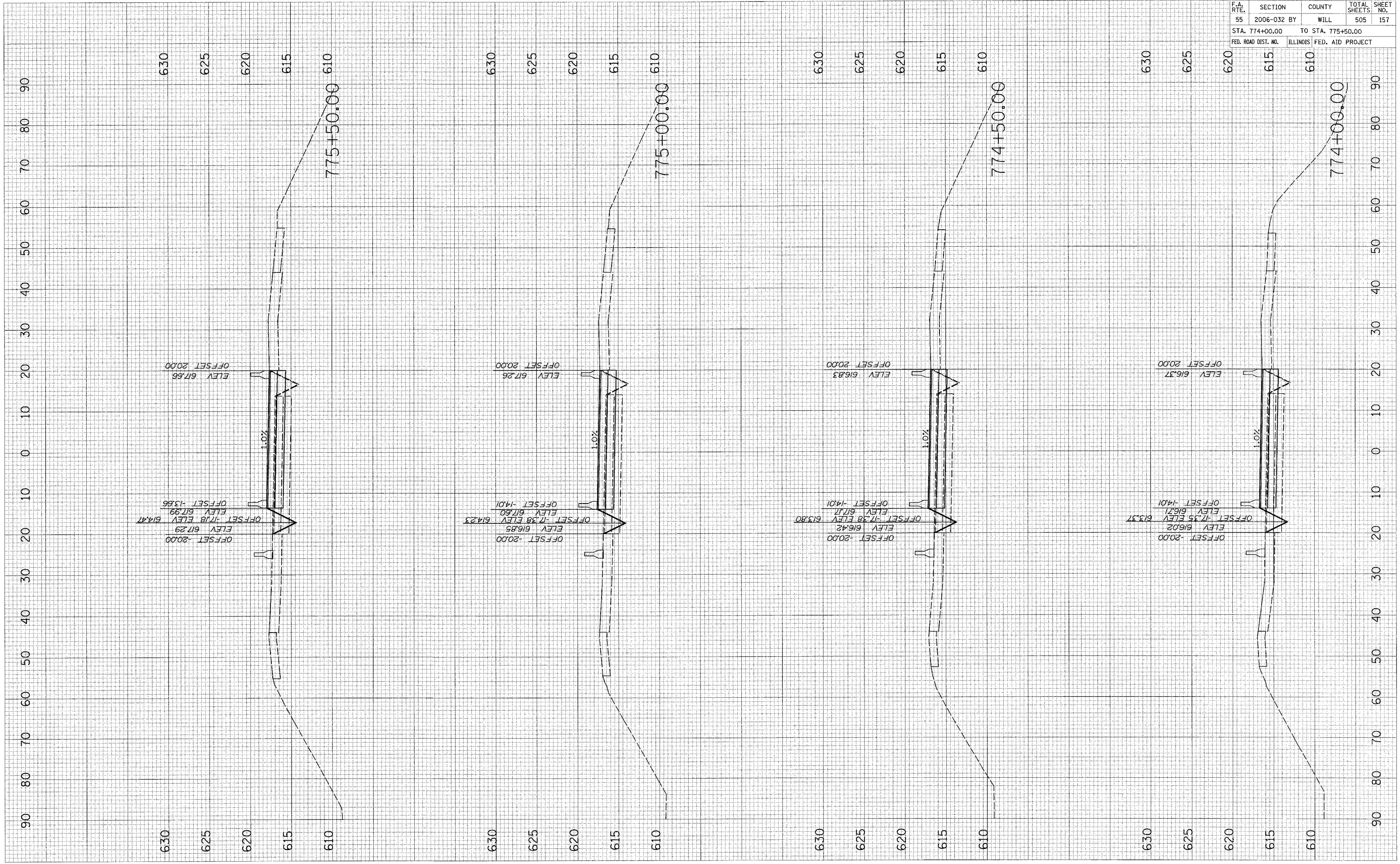
STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	157
STA. 774+00.00		TO STA. 775+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 6/30/2006  
FILE NAME = #FILE#  
USER NAME = #USER#

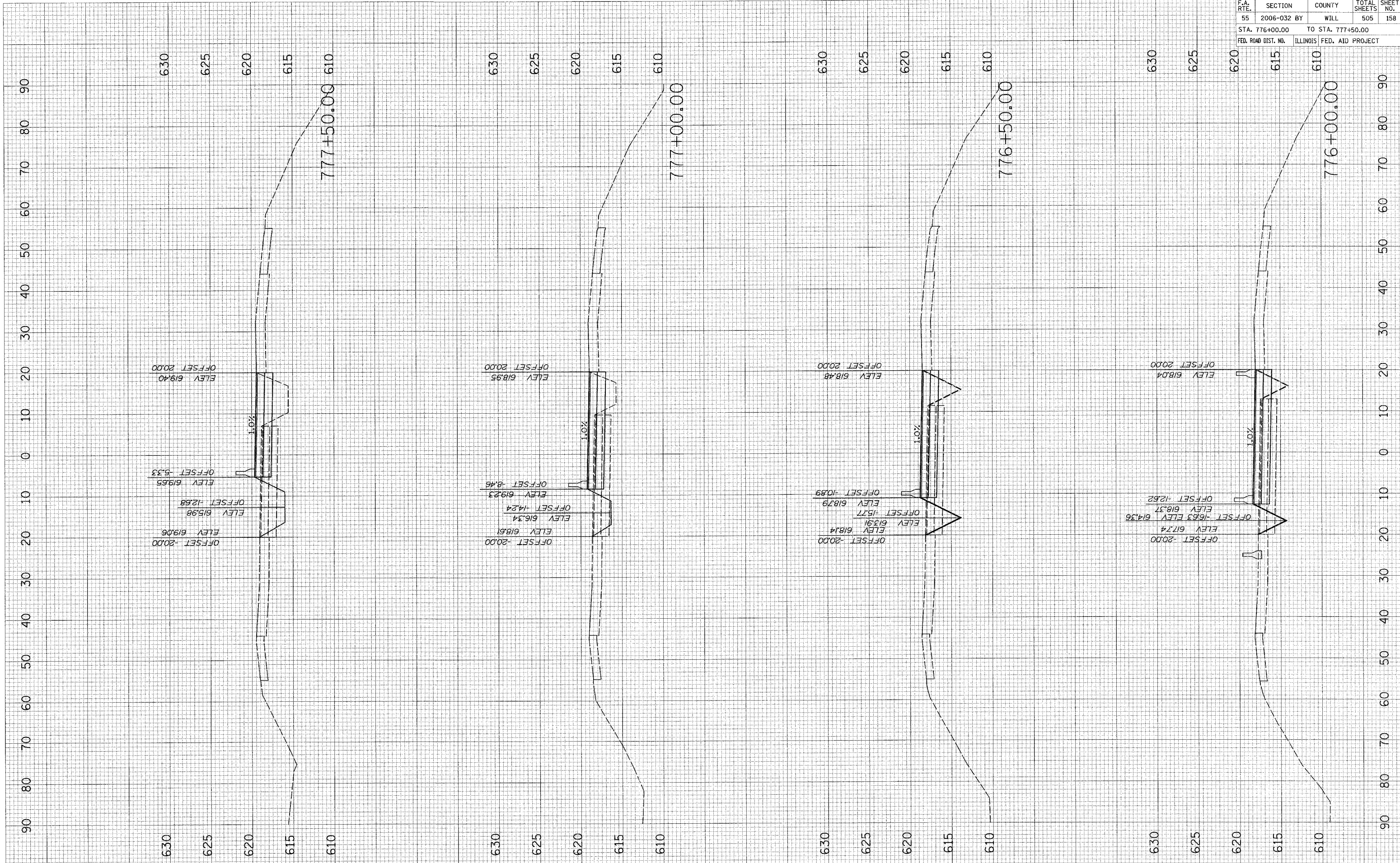


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL.	505	158
STA. 776+00.00		TO STA. 777+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

PLOT DATE = 6/30/2006  
 FILE NAME = 6FILEL  
 PLOT SCALE = 800/1  
 USER NAME = JUS206



STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032	BY WILL	505	159
STA. 778+00.00		TO STA. 779+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

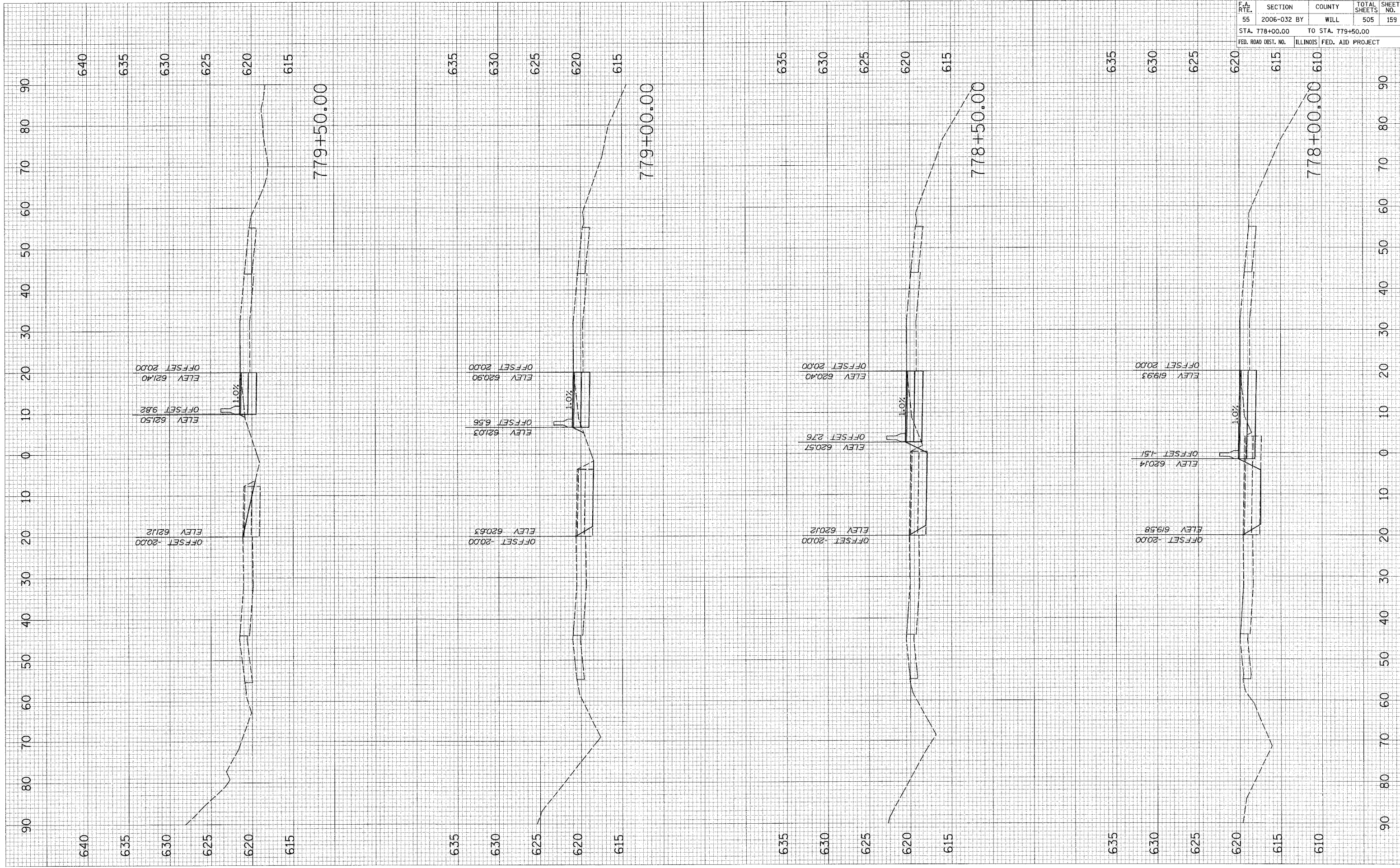
FINAL SURVEY

SURVEYED	BY	DATE
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY

SURVEYED	BY	DATE
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS CHECKED		
NO.		

PLOT DATE = 6/26/2006  
 FILE NAME = 6FILE14  
 PLOT SCALE = 800/1000  
 USER NAME = 00SERV



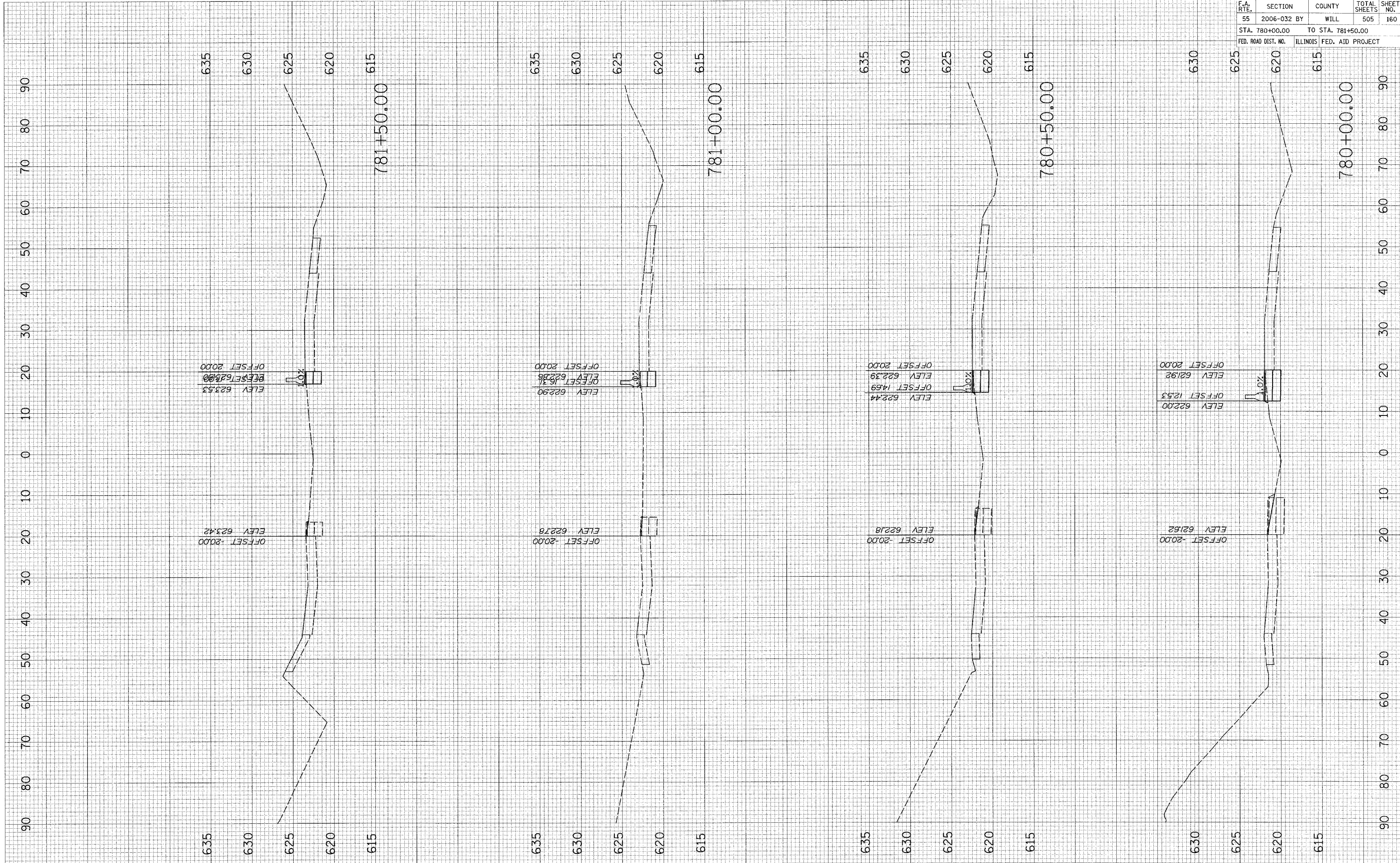
STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	160
STA. 780+00.00		TO STA. 781+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 USER NAME = #USER#



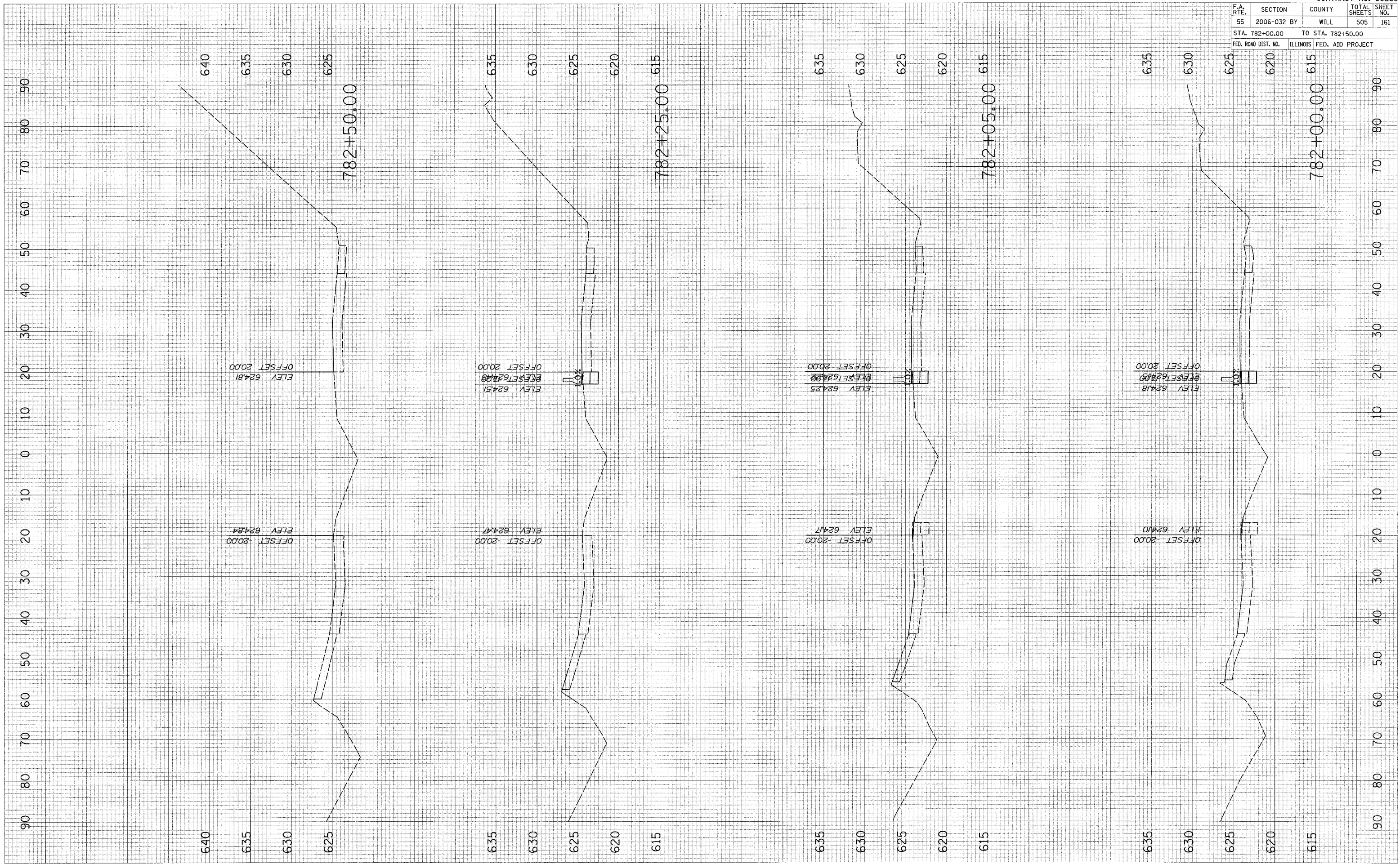
STAGE III OVER LILY CACHE SLOUGH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	161
STA. 782+00.00		TO STA. 782+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

PLOT DATE = 6/30/2006  
 FILE NAME = #FILE#  
 USER NAME = #USER#



STAGE III OVER LILY CACHE SLOUGH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	162
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
EC - 01 OF 10				

**EROSION AND SEDIMENT CONTROL GENERAL NOTES**

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.
7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
  - (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRES LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.
  - (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
    - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
    - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.
    - THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.
8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
9. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.
13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE (VICINITY) OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
  - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
  - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
  - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED ARE BEING MAINTAINED.
17. SEEDING USAGE  
 TEMPORARY EROSION CONTROL SEEDING - USED ON SHORT TERM TEMPORARY SEEDING.  
 CLASS 2A - SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.  
 CLASS 4 - USED IN PERMANENT 1:2 SLOPES AND 1:3 SLOPES HIGHER THAN 10 FEET.
18. TOP SOIL PLACEMENT  
 TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE, NOR ON TEMPORARILY STEEP SLOPES.
19. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTER".
20. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
21. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.
22. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
23. SEE PROPOSED DRAINAGE PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.
24. SEE EXISTING DRAINAGE AND UTILITY PLANS FOR INFORMATION CONCERNING THE REMOVAL, ADJUSTMENT, RECONSTRUCTION, ETC. OF EXISTING STRUCTURE AND PIPES.
25. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE RESIDENT ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION. WHERE APPLICABLE, TEMPORARY STRUCTURE AND PIPE TABLES FOR THIS WORK ARE SHOWN ON THE EROSION CONTROL PLANS.
26. AS DETERMINED BY THE CONTRACTOR, SOME OF THE PROPOSED DRAINAGE STRUCTURES WILL BE STAGE CONSTRUCTED VERTICALLY TO FACILITATE CONSTRUCTION OPERATIONS. IF THE TOP SLAB OF THE STRUCTURE MUST BE PLACED AT AN INTERIM ELEVATION, THE TOP SLAB WILL THEN BE REMOVED AND THE REMAINING PORTION OF THE STRUCTURE ADDED AND THE TOP SLAB RE-INSTALLED IN A LATER STAGE. FOR DRAINAGE STRUCTURES COMPLETED TO FULL HEIGHT IN THIS CONTRACT, THE COST OF STAGE CONSTRUCTING THEM VERTICALLY WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE DRAINAGE STRUCTURE OF THE TYPE SPECIFIED IN THE PLANS.
27. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS. COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.
28. TEES REQUIRED TO MAKE TEMPORARY CONNECTIONS TO EXISTING SEWER SHALL BE INSTALLED ACCORDING TO IDOT DISTRICT 1 STANDARD BD-07 AND PAID FOR AT CONTRACT UNIT PRICE PER EACH FOR "REINFORCED CONCRETE PIPE TEE" OF THE SIZES REQUIRED TO MAKE THE CONNECTIONS. CONTRACTOR MAY AT HIS OPTION USE PRE-FABRICATED WYES INSTEAD OF TEES, AT HIS COST. ELBOWS AND OTHER FITTINGS REQUIRED TO MAKE TEMPORARY CONNECTIONS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER METER FOR THE TYPE AND CLASS OF PROPOSED LATERAL PIPE SPECIFIED.

PLOT DATE = 6/29/2006  
 FILE NAME = WELLS  
 FILE SCALE = WELLS  
 REFERENCE = WELLS



**PARSONS BRINCKERHOFF**



**SMITH ENGINEERING CONSULTANTS, INC.**  
www.smithengineering.com

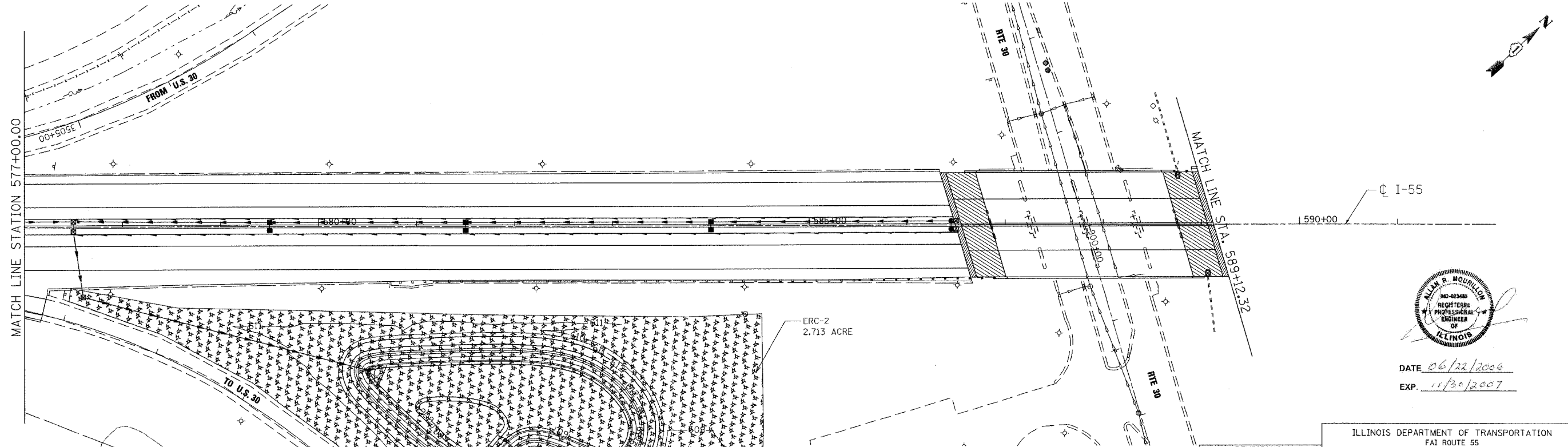
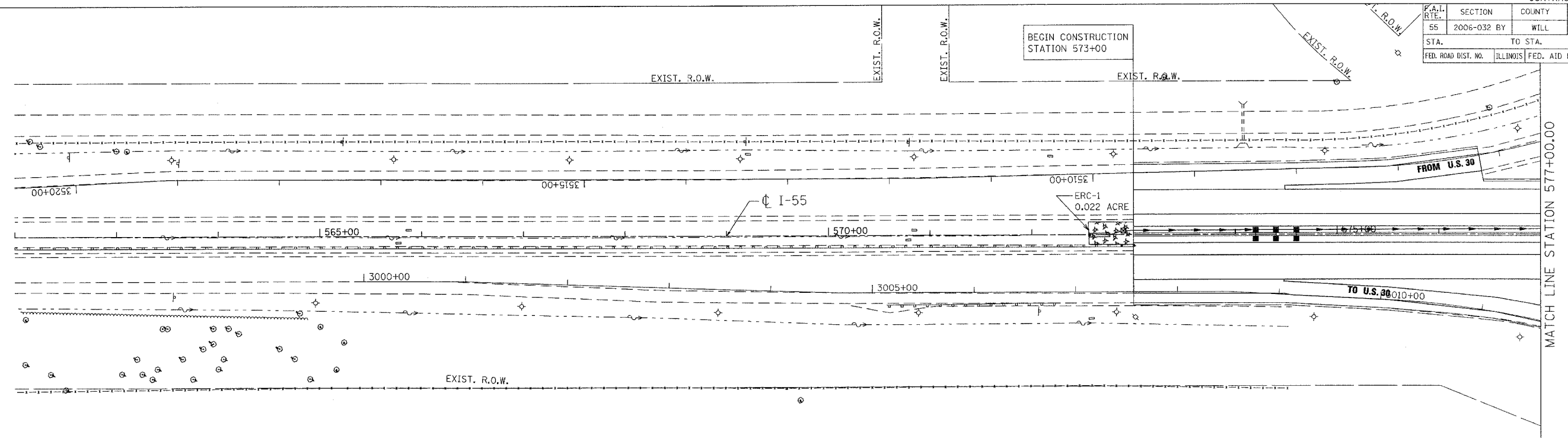
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL - GENERAL NOTES**

SCALE: 1" = 50'  
 DATE: 06/30/2006

DRAWN BY: JPA  
 CHECKED BY: TEH

CONTRACT NO. 60B86			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
55	2006-032 BY	WILL	505
STA.	TO STA.		SHEET NO.
			163
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



**LEGEND**

◆ INLET FILTERS  
 ◇ TEMPORARY DITCH CHECK  
 TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2  
 --- TEMPORARY SILT FENCE

**NOTES:**

1. FOR PERMANENT STRUCTURE, PERMANENT PIPE, SEDIMENT CONTROL INLET FILTER AND RIPRAP INFORMATION, SEE DRAINAGE SCHEDULES.

2. FOR ERC-2 DISTURBED AREA SEE EROSION AND SEDIMENT CONTROL, DETENTION BASIN. THE ACREAGE FOR ERC-2 (AS LISTED HERE) REPRESENTS THE WHOLE DISTURBED AREA.

REVISIONS	
NAME	DATE

ALAN R. HOURILLON  
 REG. NO. 045-023448  
 REGISTERED PROFESSIONAL ENGINEER  
 OF ILLINOIS

DATE 06/22/2006  
 EXP. 11/30/2007

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**EROSION AND SEDIMENT CONTROL  
 FAI 55  
 STA. 562+00.00 TO STA. 589+12.32**

SCALE: 1"=50'  
 DATE 07/05/06  
 DRAWN BY SN  
 CHECKED BY TKL

MORCOM, N.V., INC.  
 CONSULTING ENGINEERS  
 CHICAGO, ILLINOIS

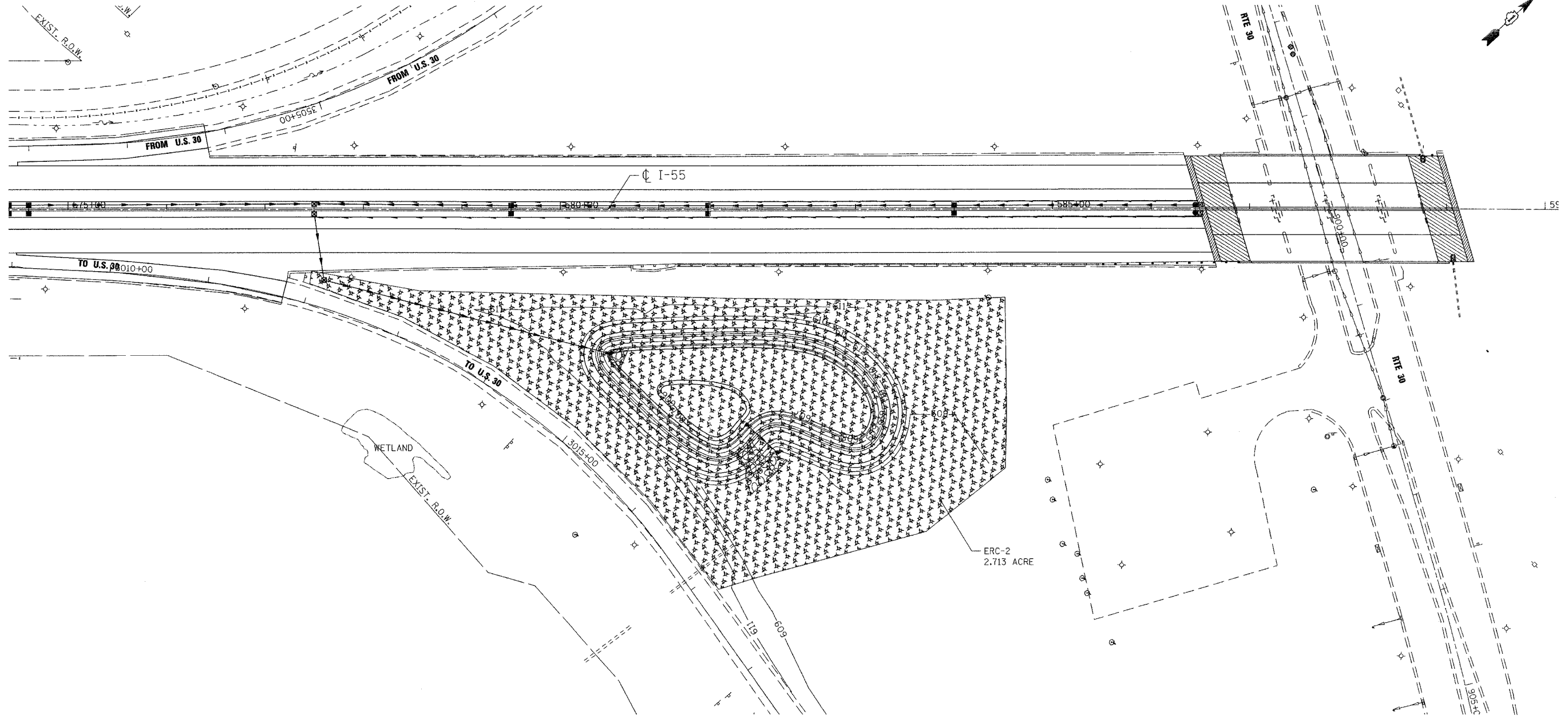
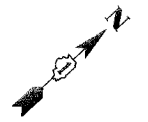


PLT DATE = 05/15/06  
 FILE NAME = PLAN01.DWG  
 PLOT SCALE = 1"=50'  
 PLOT DATE = 05/15/06  
 USER NAME = NUBERS  
 6-28-2006, 15:02:42

6-28-2006, 15:02:42



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	2006-032 BY	WILL.	505 164
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



**LEGEND**

- ◆ INLET FILTERS
- ⊕ TEMPORARY DITCH CHECK
- ▨ TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- - - TEMPORARY SILT FENCE

**NOTES:**

1. FOR PERMANENT STRUCTURE, PERMANENT PIPE, SEDIMENT CONTROL INLET FILTER AND RIPRAP INFORMATION, SEE DRAINAGE SCHEDULES I AND II.

**DETENTION BASIN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL  
 DETENTION BASIN**

SCALE:  
 DATE 07/05/06

DRAWN BY MRK  
 CHECKED BY TKL

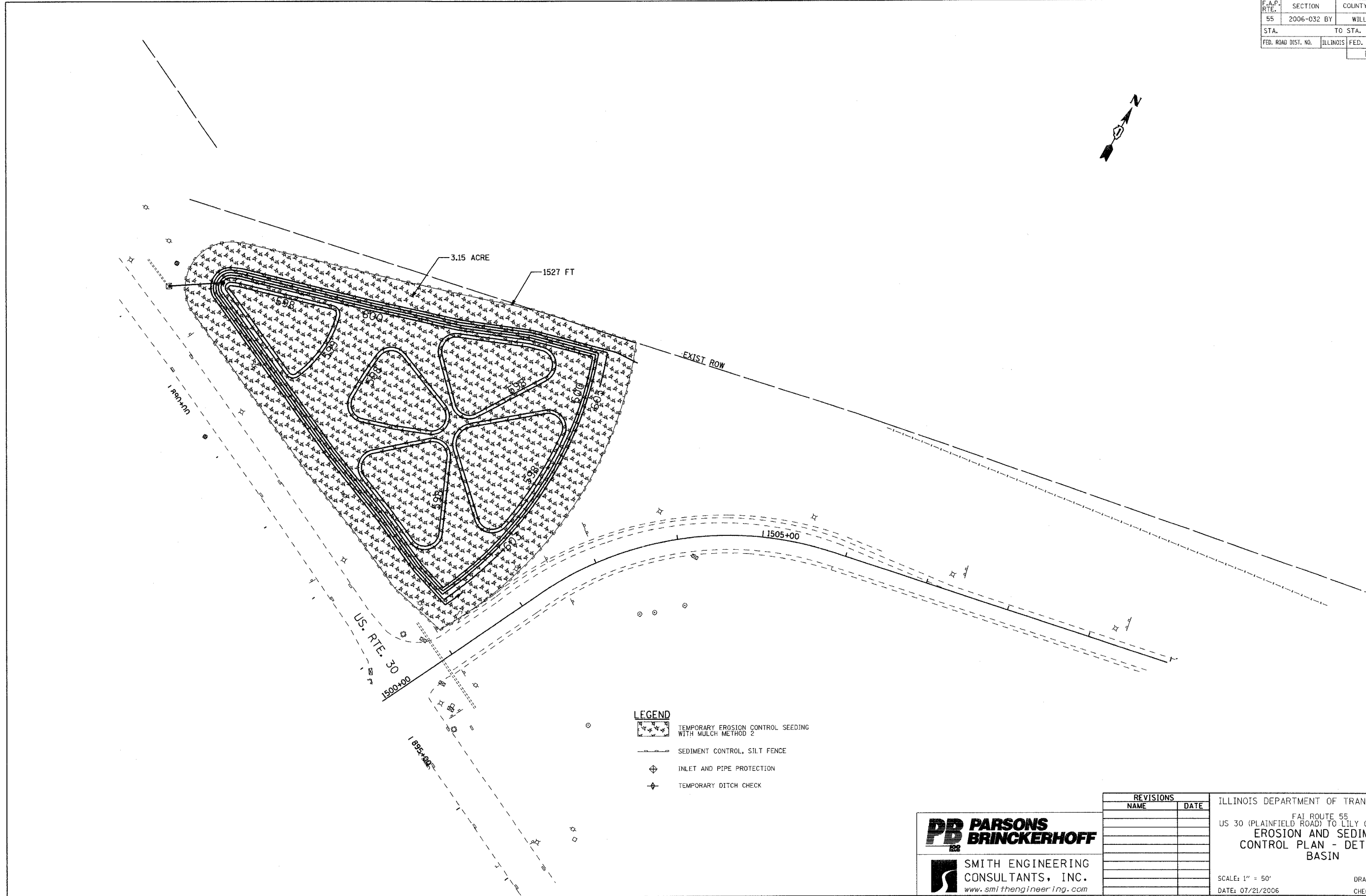
**MORCOM, N.V., INC.**  
 CONSULTING ENGINEERS  
 CHICAGO, ILLINOIS





**TENG**

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

PLOT DATE = 04/15/06  
 FILE NAME = RFILE18  
 PLOT SCALE = 1"=50'  
 USER NAME = MUSENY  
 \\A:\940801.DON...V:\RUBEN\0803.DON...V:\RUBEN\0801.DON...V:\RUBEN\0801.DON...V:\RUBEN\0801.DON...  
 6-28-2006 16:24:46 G:\C\HAZ ST\DOCUMENT\62361031\44444444\44444444.dwg

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	165
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		EC 01 OF 07		



- LEGEND**
-  TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  -  SEDIMENT CONTROL, SILT FENCE
  -  INLET AND PIPE PROTECTION
  -  TEMPORARY DITCH CHECK

PLOT DATE = 7/19/2006  
 FILE NAME = #FILEL#  
 PLOT SCALE = #MSLSCHL#  
 REFERENCE = #REF#

**PB PARSONS BRINCKERHOFF**  
 1922

**SMITH ENGINEERING CONSULTANTS, INC.**  
 www.smithengineering.com

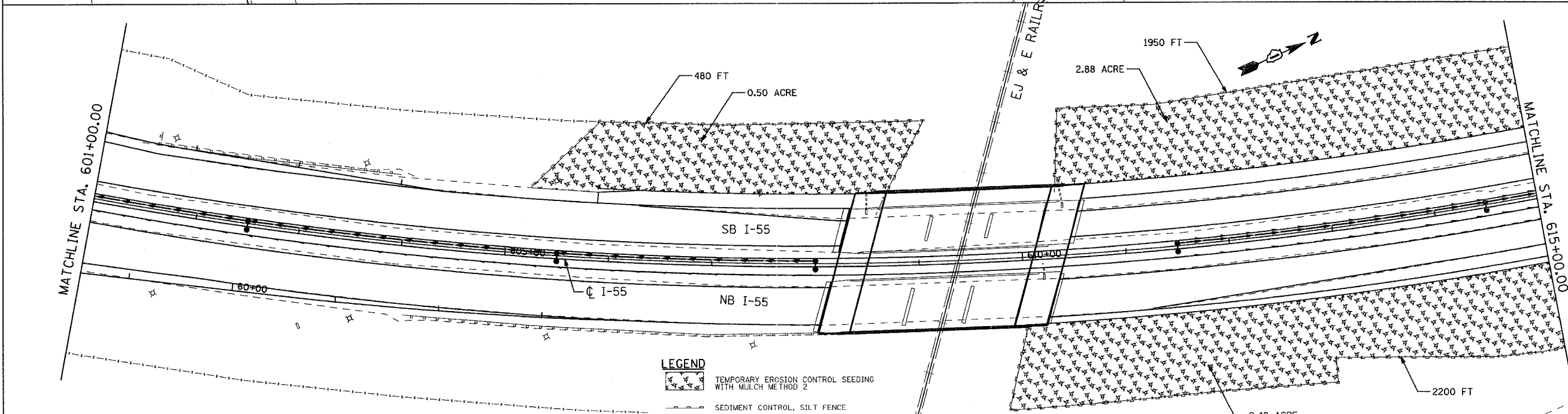
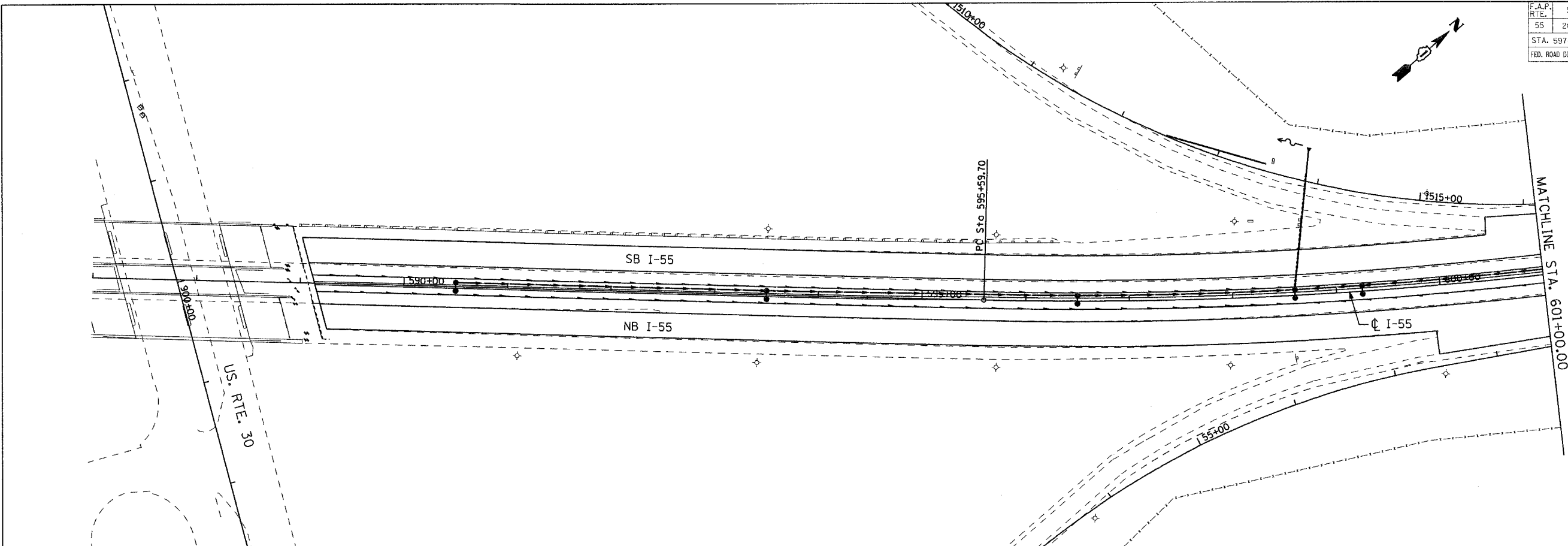
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL PLAN - DETENTION BASIN**

SCALE: 1" = 50'  
 DATE: 07/21/2006

DRAWN BY: JPA  
 CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	166
STA. 597+00.00		TO STA. 615+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
EC 02 OF 07				



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  - SEDIMENT CONTROL, SILT FENCE
  - INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK

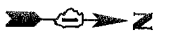
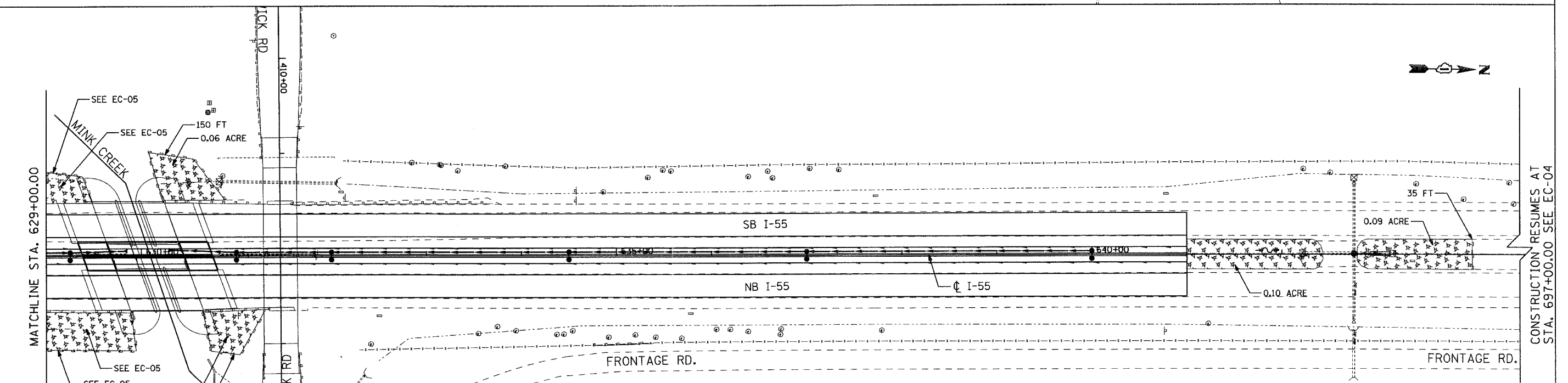
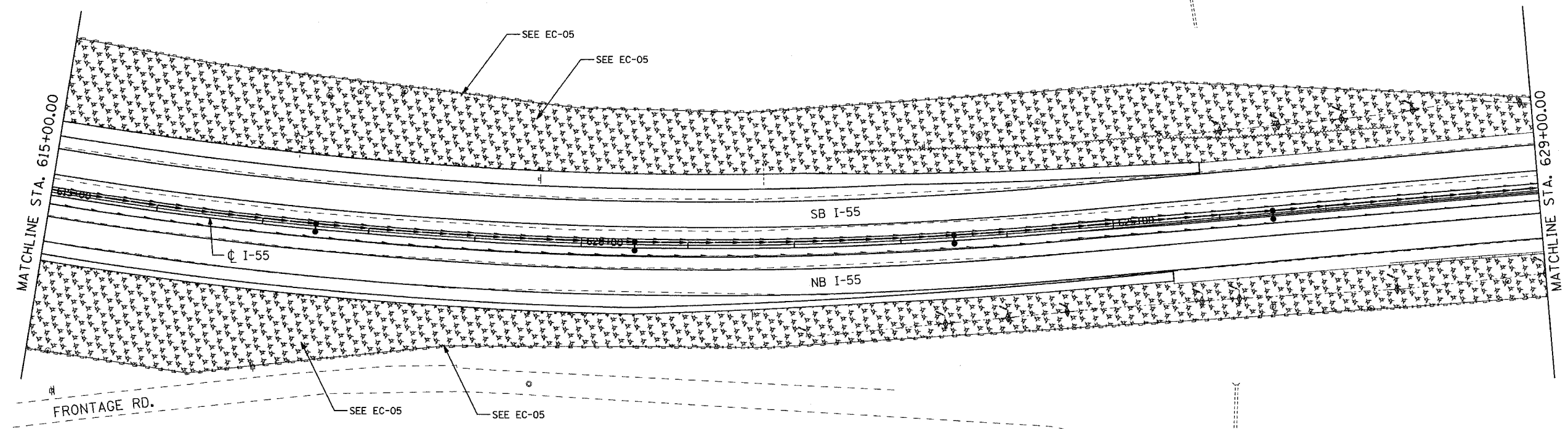
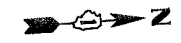
**PB PARSONS BRINCKERHOFF**  
SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL PLAN**  
SCALE: 1" = 50'  
DATE: 07/21/2006  
DRAWN BY: JPA  
CHECKED BY: TEH

PLOT DATE = 7/19/2006  
FILE NAME = #FILE#  
PLOT SCALE = #SCALE#  
REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	167
STA. 615+00.00		TO STA. 643+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
EC 03 OF 07				



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  - SEDIMENT CONTROL, SILT FENCE
  - INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK

**PARSONS BRINCKERHOFF**

**SMITH ENGINEERING CONSULTANTS, INC.**  
www.smithengineering.com

REVISIONS	
NAME	DATE

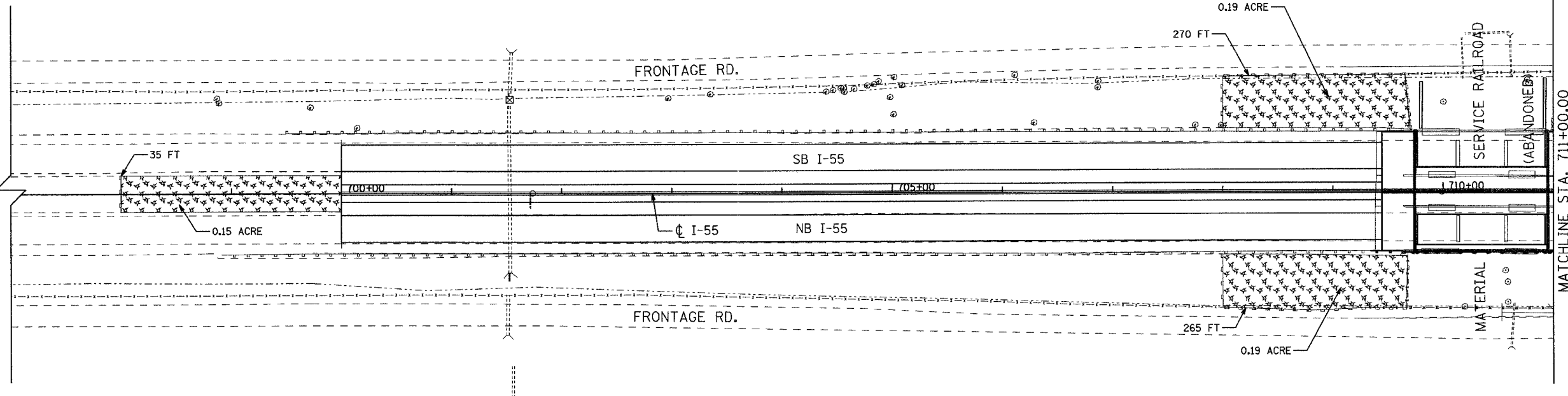
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL PLAN**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

PLOT DATE: 7/19/2006  
 FILE NAME: WFILEL  
 PLOT SCALE: WLSLSKALE  
 REFERENCE: WREF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	168
STA. 643+00.00		TO STA. 711+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
EC 04 OF 07				



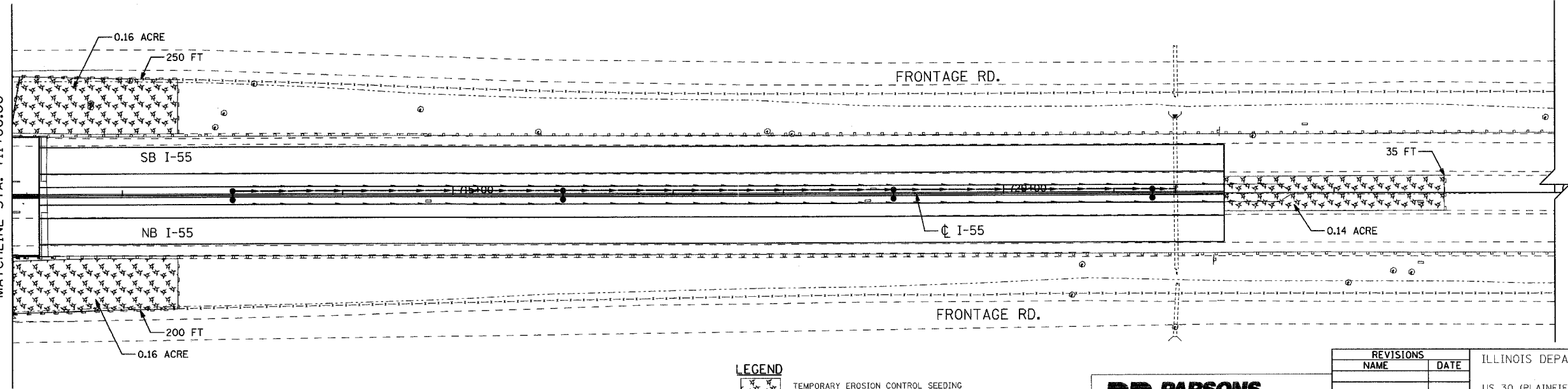
CONSTRUCTION RESUMES AT STA. 643+00.00  
SEE EC-03



MATCHLINE STA. 711+00.00







MATCHLINE STA. 711+00.00



CONSTRUCTION RESUMES AT  
STA. 749+00.00 SEE EC-05

PLOT DATE = 7/19/2006  
FILE NAME = WFILEL  
PLOT SCALE = MICRORSCALE  
REFERENCE = WREF

**LEGEND**

-  TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
-  SEDIMENT CONTROL, SILT FENCE
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK



SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengineering.com

REVISIONS	
NAME	DATE

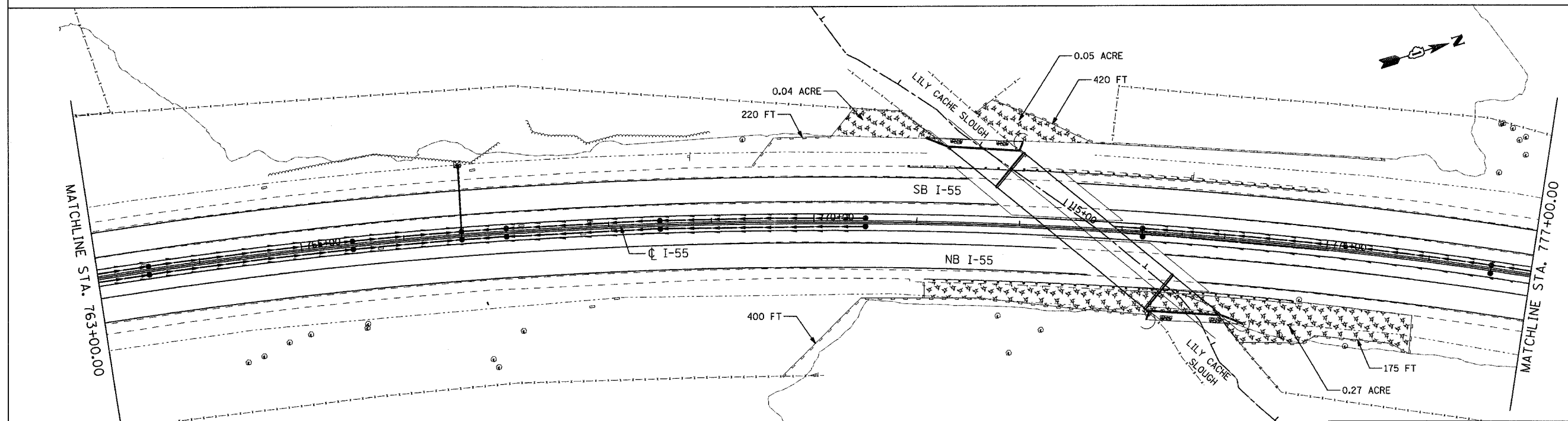
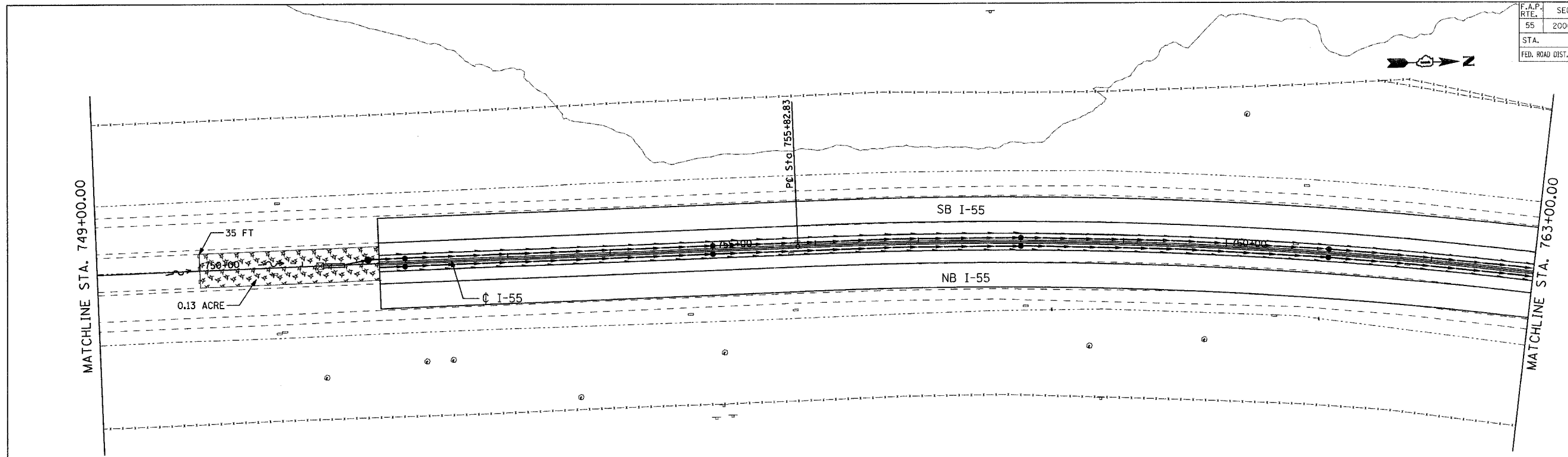
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50'  
DATE: 07/21/2006

DRAWN BY: JPA  
CHECKED BY: TEH

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL.	505	169
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		EC 05 OF 07



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  - SEDIMENT CONTRL, SILT FENCE
  - INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK

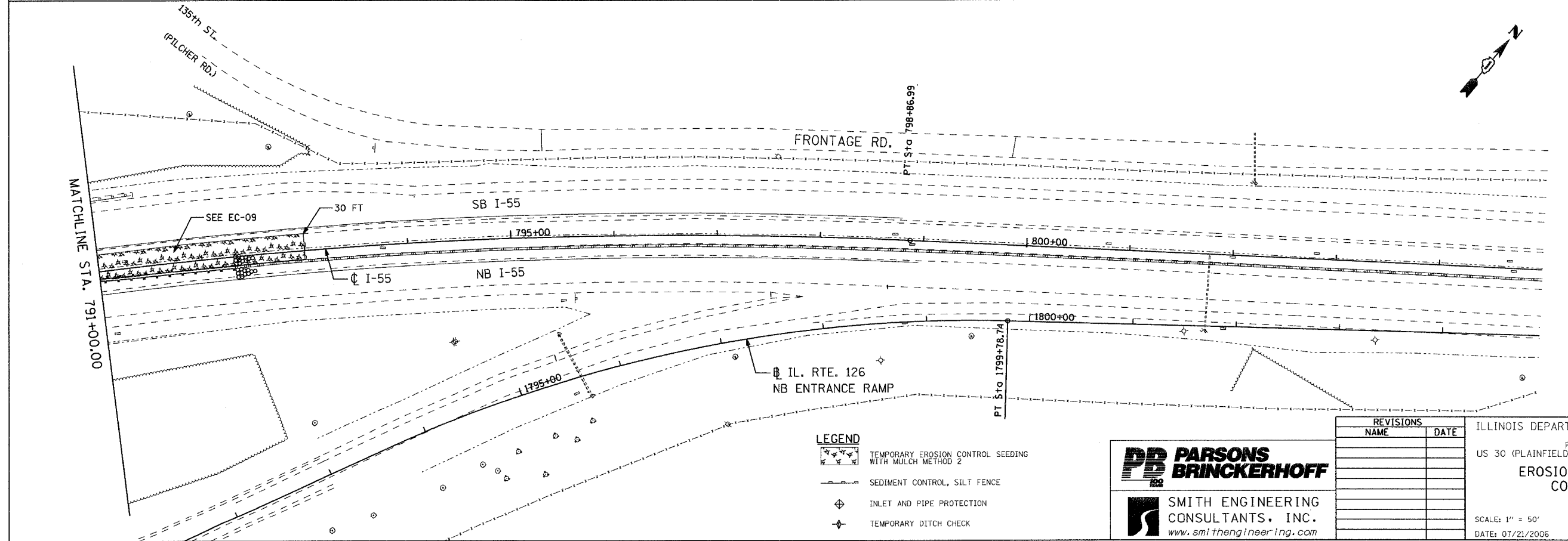
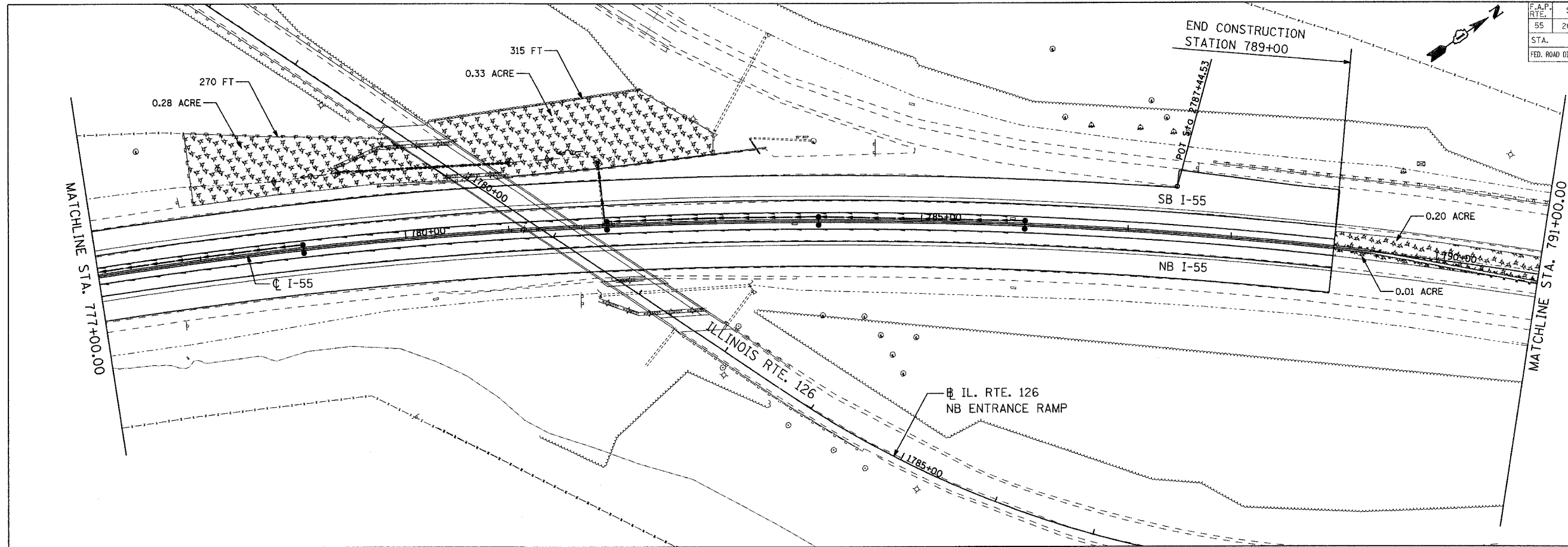
**PB PARSONS BRINCKERHOFF**  
**SMITH ENGINEERING CONSULTANTS, INC.**  
[www.smithengineering.com](http://www.smithengineering.com)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL PLAN**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

PLOT DATE = 7/19/2006  
 FILE NAME = FILEL1  
 PLOT SCALE = MSCALE1  
 REFERENCE = REF1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	170
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
EC 06 OF 07				



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  - SEDIMENT CONTROL, SILT FENCE
  - INLET AND PIPE PROTECTION
  - TEMPORARY DITCH CHECK

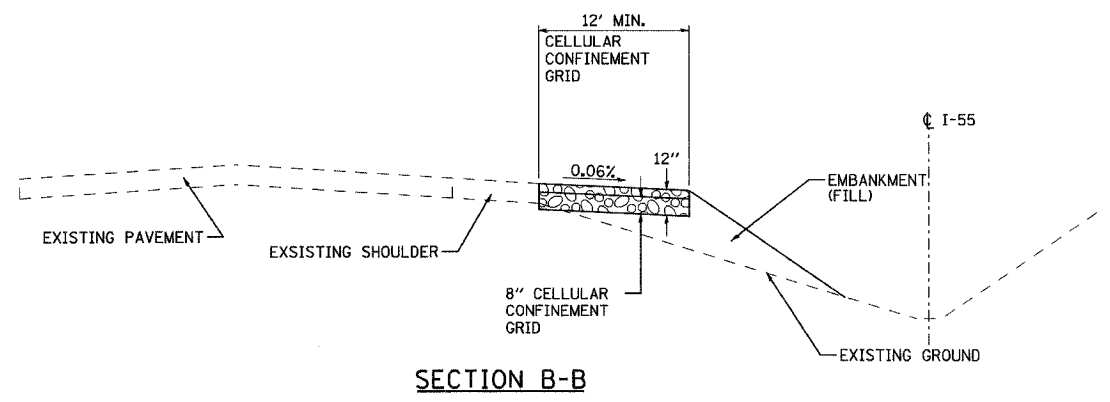
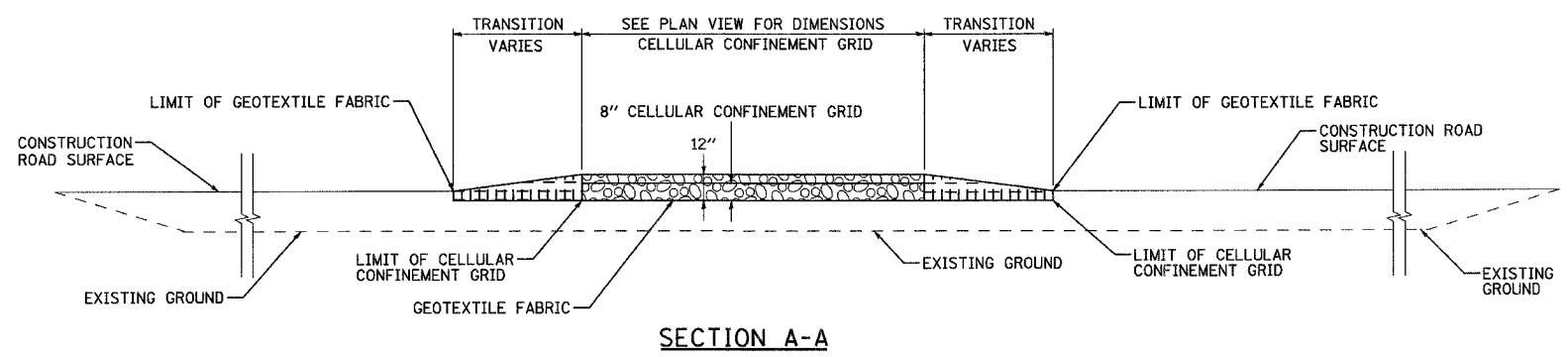
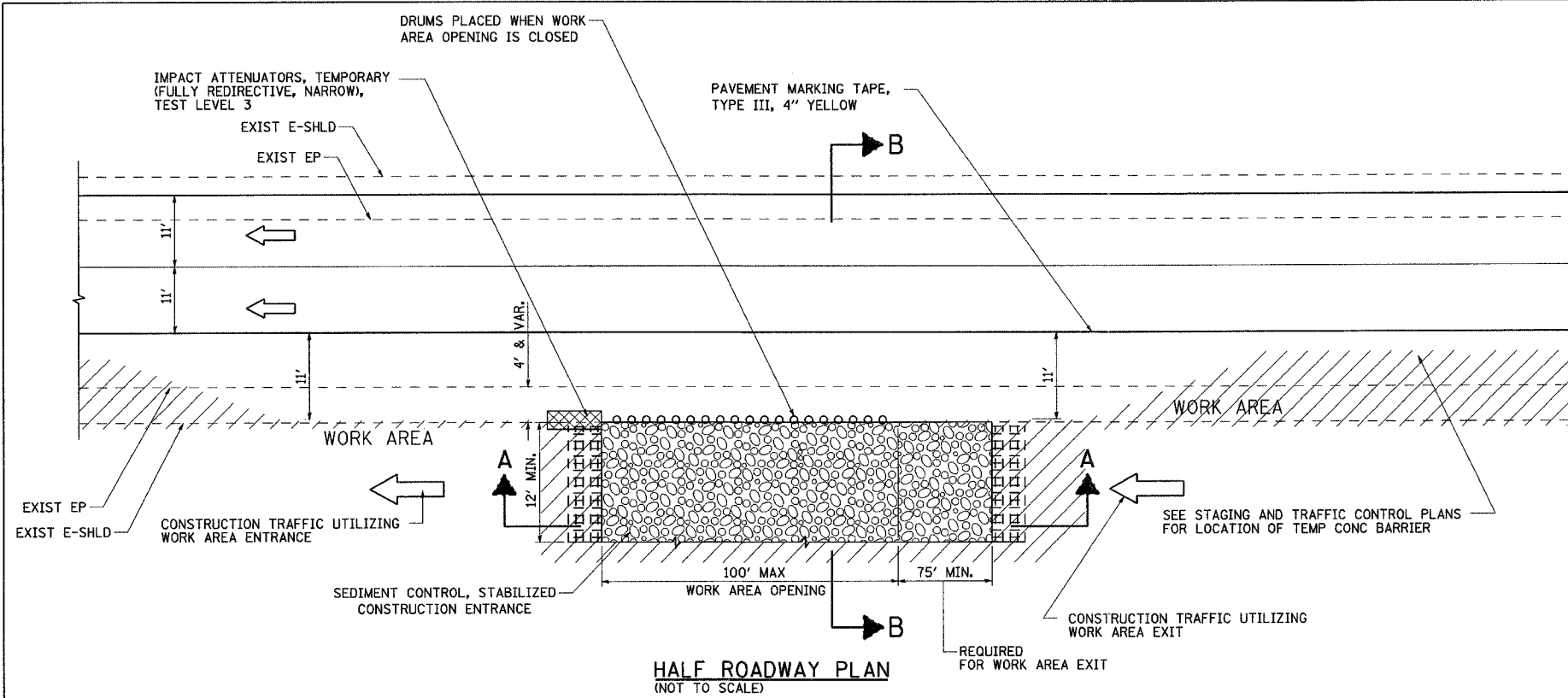
**PARSONS BRINCKERHOFF**  
**SMITH ENGINEERING CONSULTANTS, INC.**  
 www.smithengineering.com

REVISIONS	
NAME	DATE






ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL PLAN**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

PLOT DATE = 7/19/2006  
 FILE NAME = FILE1  
 PLOT SCALE = MILE/SCALE  
 REFERENCE = REF4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	171
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		EC 07 OF 07	



**LEGEND:**

-  COURSE AGGREGATE CA-3
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  IMPACT ATTENUATOR

**NOTES:**

1. THE EXISTING BITUMINOUS SHOULDER SHALL REMAIN IN THE PLACE UNTIL THE STABILIZED CONSTRUCTION ENTRANCE IS REMOVED.
2. EXISTING DITCH DRAINAGE TO BE MAINTAINED.
3. THE COST OF ANY COURSE AGGREGATE CA-3 USED FOR TRANSITION FROM THE CONSTRUCTION ROAD TO THE STABILIZED CONSTRUCTION ENTRANCE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE".
4. SEE STAGING AND TRAFFIC CONTROL DETAIL FOR WORK AREA DRIVEWAY ENTRANCE/EXIT.
5. THE SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.

PLOT DATE = 7/19/2006  
 FILE NAME = WFILE1  
 PLOT SCALE = 1/8"=1'-0"  
 REFERENCE = WRP4

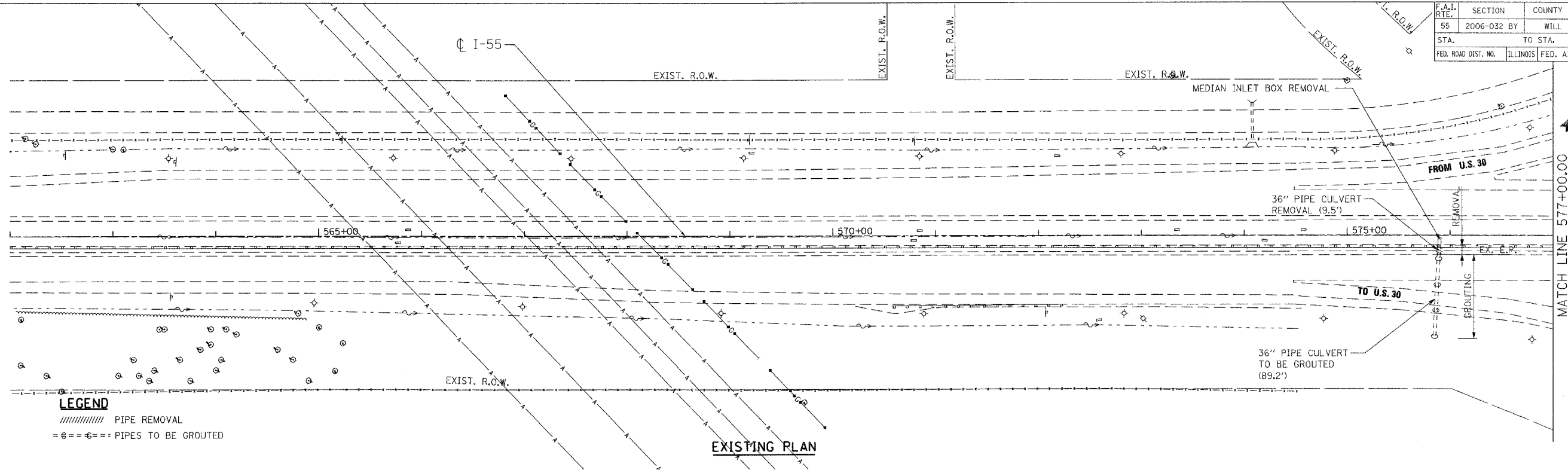
**PARSONS BRINCKERHOFF**  
 SMITH ENGINEERING CONSULTANTS, INC.  
 www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**EROSION AND SEDIMENT CONTROL  
 DETAIL - STABILIZED CONSTRUCTION  
 ENTRANCE**  
 SCALE: N.T.S. DRAWN BY: JPA  
 DATE: 07/21/2006 CHECKED BY: TEH

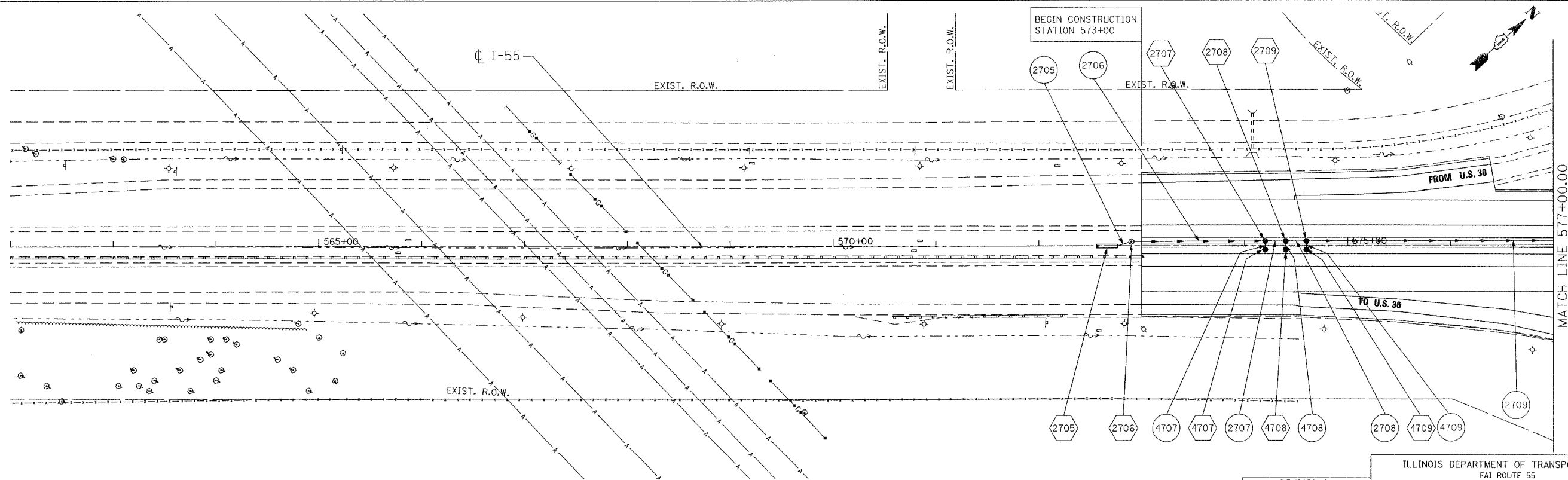


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	172
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LEGEND**  
 //////////////// PIPE REMOVAL  
 = @ = @ = @ PIPES TO BE GROUTED

**EXISTING PLAN**



**LEGEND**

(100)	STRUCTURE NUMBER	-	INLET
(GR)	GRATING FOR STRUCTURE	●	CATCH BASIN
(100)	PIPE NUMBER	○	MANHOLE
→	STORM SEWER	⤴	FLARED END SECTION
		⤵	HEADWALL
		—	PIPE UNDERDRAINS

**NOTES**  
 1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULE SHEETS.  
 2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.

**PROPOSED PLAN**

REVISIONS	
NAME	DATE

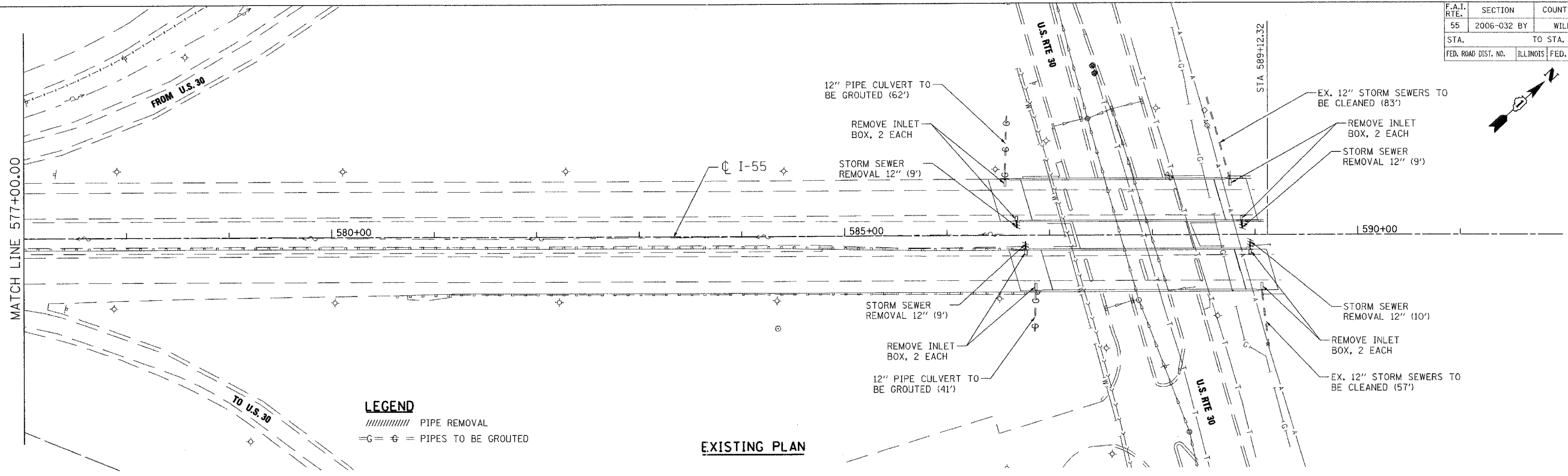
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE AND UTILITY PLAN**  
 FAI 55  
 STA. 562+00.00 TO STA. 577+00.00

SCALE: 1"=50'  
 DATE: 07/05/06  
 DRAWN BY: MRK  
 CHECKED BY: TKL

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

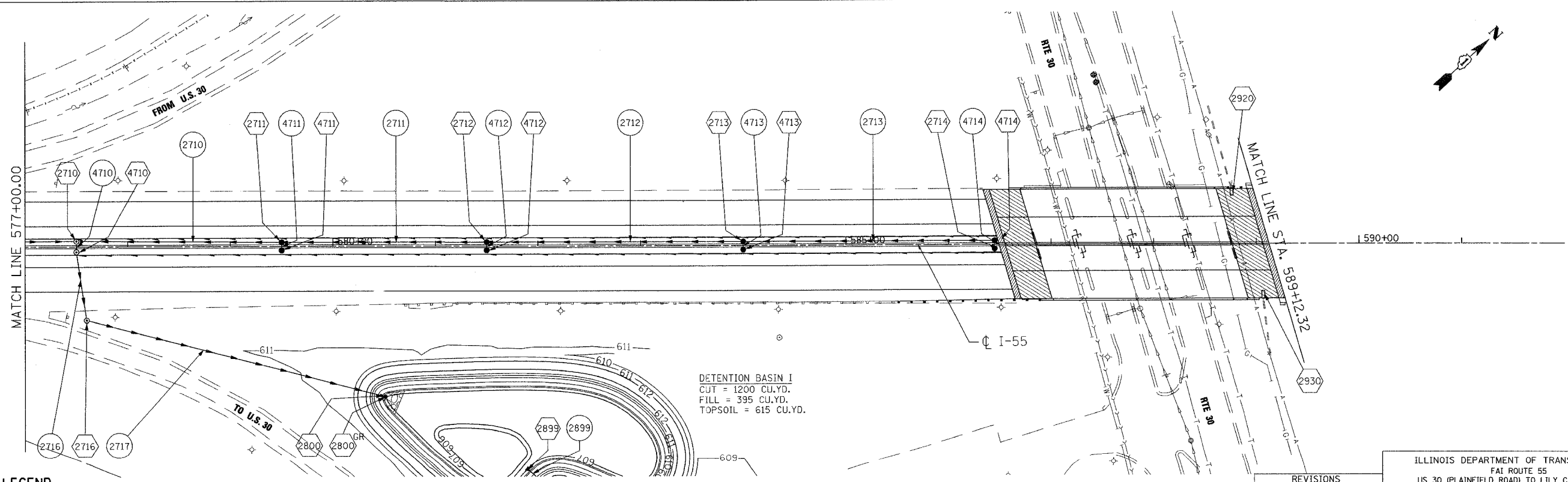
PLOT DATE = 04/07/06  
 FILE NAME = FILE16  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = MURPHY

CONTRACT NO. 60B86				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	173
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**  
 // PIPE REMOVAL  
 ○ G ○ PIPES TO BE GROUTED

**EXISTING PLAN**



**LEGEND**

○ (001) STRUCTURE NUMBER	— INLET
○ GR GRATING FOR STRUCTURE	● CATCH BASIN
○ (001) PIPE NUMBER	○ MANHOLE
— STORM SEWER	▲ FLARED END SECTION
	— HEADWALL
	— PIPE UNDERDRAINS

**NOTES**

1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULE SHEETS.
2. PROPOSED SEWER AND CULVERT CROSSING BENEATH THE EXISTING PAVEMENT SHALL BE CONSTRUCTED DURING PRE-STAGE PER THE STAGING AND TRAFFIC CONTROL PLANS. SEE ROADWAY PLANS FOR PATCHING DETAILS.
3. FOR DETENTION BASIN I DETAILS SEE DRAINAGE DETAILS, DETENTION BASIN.

**PROPOSED PLAN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE AND UTILITY PLAN**  
**FAI 55**  
**STA. 577+00.00 TO STA. 589+12.32**

SCALE: 1"=50'  
 DATE 07/21/06  
 DRAWN BY MRK  
 CHECKED BY TKL

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

PLOT DATE: 7/19/2006 9:44:16  
 FILE: \\V:\9191\AR01.DGN  
 PLOT SCALE: 1/8"=1'-0"  
 USER: NAME: #USER#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	174
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

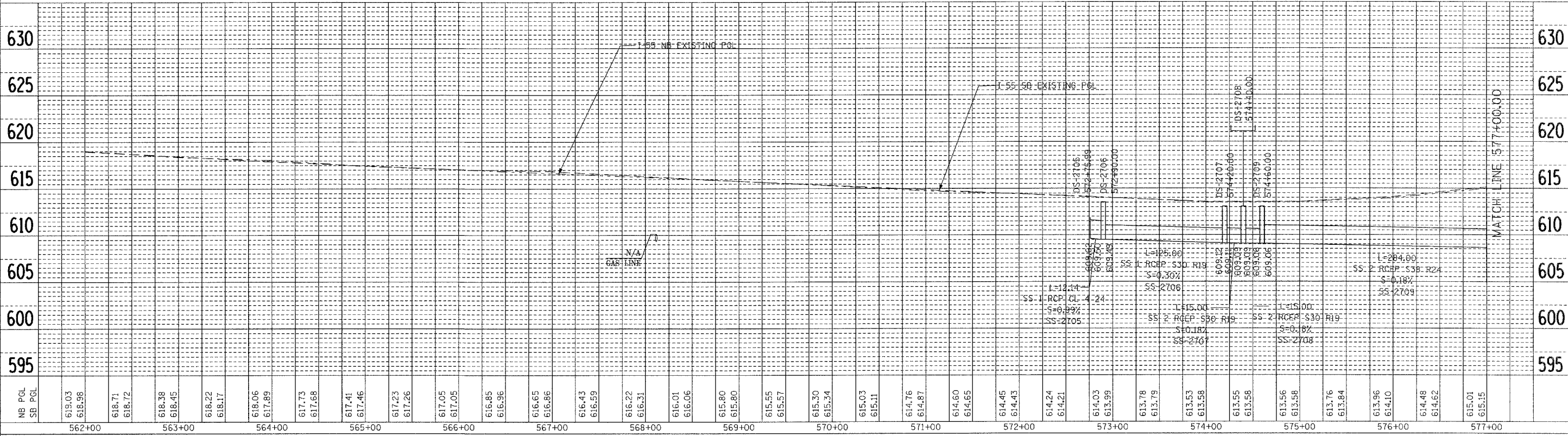
- L - LENGTH OF PIPE
- S - SLOPE OF PIPE
- SS-2710 - PIPE NUMBER
- DS-2710 - STRUCTURE NUMBER

NOTES:

1. FOR STRUCTURE AND PIPE INFORMATION, SEE DRAINAGE SCHEDULE SHEETS.

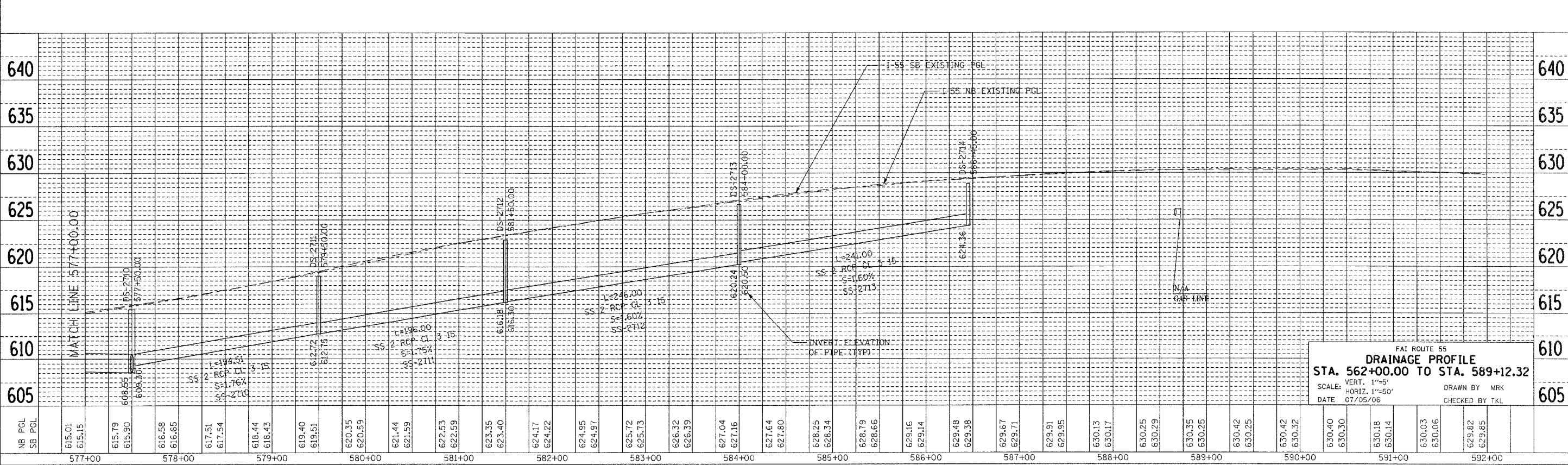
PLAN

SURVEYED	BY	DATE
NOTE BOOK		
ALIGNMENT CHECKED		
NO.	DATE	
FILE NAME		



PROFILE

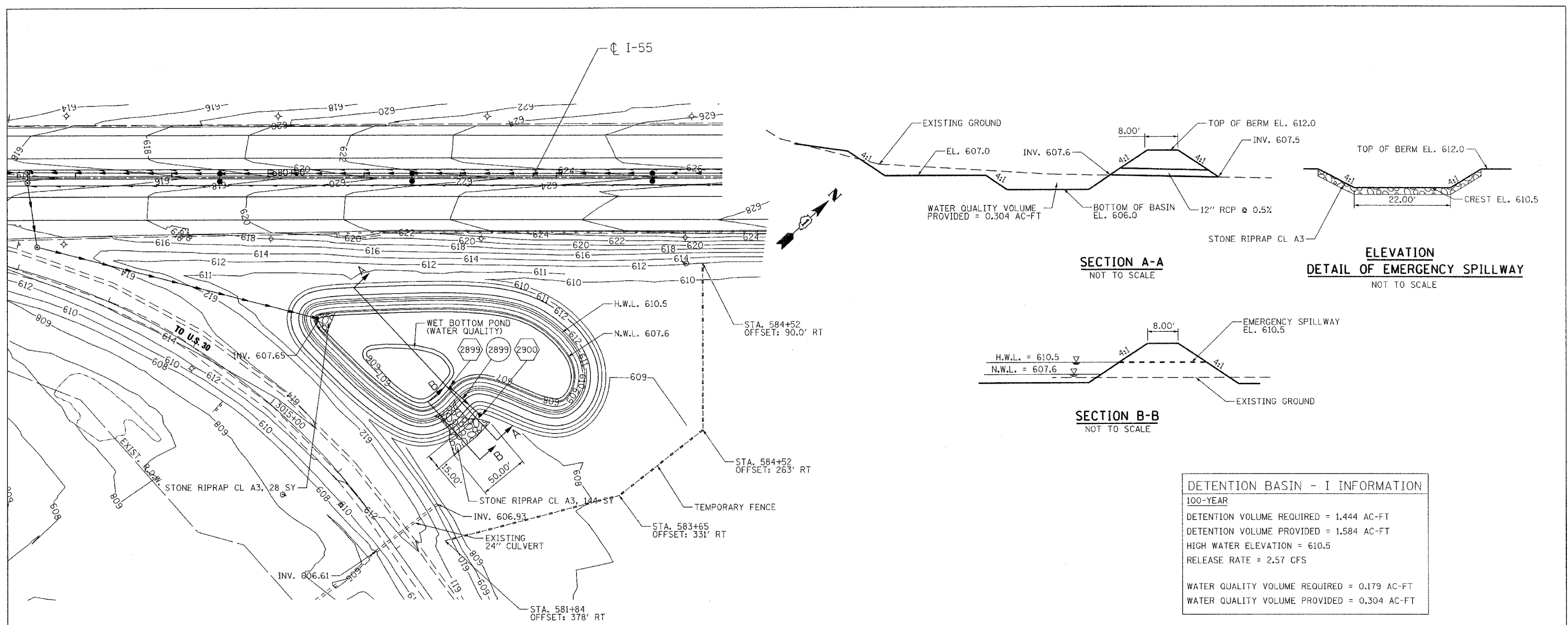
SURVEYED	BY	DATE
NOTE BOOK		
ALIGNMENT CHECKED		
NO.	DATE	
FILE NAME		



FAI ROUTE 55  
**DRAINAGE PROFILE**  
 STA. 562+00.00 TO STA. 589+12.32  
 SCALE: VERT. 1"=5'  
 HORIZ. 1"=50'  
 DATE 07/05/06  
 DRAWN BY MRK  
 CHECKED BY TKL

PLOT DATE = 08/04/06  
 PLOTTED BY = WJL  
 USER NAME = WJL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	175
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**SECTION A-A**  
NOT TO SCALE

**ELEVATION  
DETAIL OF EMERGENCY SPILLWAY**  
NOT TO SCALE

**SECTION B-B**  
NOT TO SCALE

**DETENTION BASIN - I INFORMATION**

100-YEAR

DETENTION VOLUME REQUIRED = 1,444 AC-FT  
 DETENTION VOLUME PROVIDED = 1,584 AC-FT  
 HIGH WATER ELEVATION = 610.5  
 RELEASE RATE = 2.57 CFS

WATER QUALITY VOLUME REQUIRED = 0.179 AC-FT  
 WATER QUALITY VOLUME PROVIDED = 0.304 AC-FT

**NOTES**  
1. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES.

**DETENTION BASIN**

STATION	BASIN CONTOUR OFFSET AT ELEVATION				
	612.0	607.0	606.0	606.0	607.0
580+32	144.8	--	--	--	144.8
580+40	131.0	--	--	--	167.8
580+50	126.6	--	--	--	179.1
580+60	124.8	144.9	--	160.1	189.1
580+70	123.8	143.9	--	170.8	199.0
580+80	123.2	143.2	--	180.8	208.8
580+90	122.7	142.8	--	190.6	218.2
581+00	122.3	142.3	--	200.2	227.0
581+10	121.9	142.0	191.1	209.2	235.2
581+20	121.6	141.6	183.9	207.6	242.6
581+30	121.2	141.2	181.1	217.3	249.2
581+40	120.9	140.9	180.0	225.1	254.7
581+50	120.7	140.7	180.9	230.8	258.4
581+60	120.4	140.5	186.1	233.2	259.8
581+70	120.3	140.3	196.9	229.3	258.5
581+80	120.3	140.3	218.5	218.5	229.1

STATION	BASIN CONTOUR OFFSET AT ELEVATION				
	612.0	607.0	606.0	606.0	607.0
581+90	120.4	140.4	--	--	218.2
582+00	120.6	140.6	--	--	210.4
582+10	121.0	141.0	--	--	206.3
582+20	121.5	141.6	--	--	205.2
582+30	122.5	142.6	--	--	206.4
582+40	123.8	144.0	--	--	209.1
582+50	125.6	146.0	--	--	212.7
582+60	128.0	148.9	--	--	216.9
582+70	131.2	152.8	--	--	221.4
582+80	135.4	158.4	--	--	225.6
582+90	141.0	165.6	--	--	229.1
583+00	148.0	175.1	--	--	230.5
583+10	156.6	188.6	--	--	224.2
583+20	167.7	--	--	--	242.7
583+30	183.7	--	--	--	229.7
583+35	204.9	--	--	--	204.9

PLOT DATE = 04/25/06  
 FILE NAME = 81414081.DGN  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = JWB

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE DETAILS  
 DETENTION BASIN**

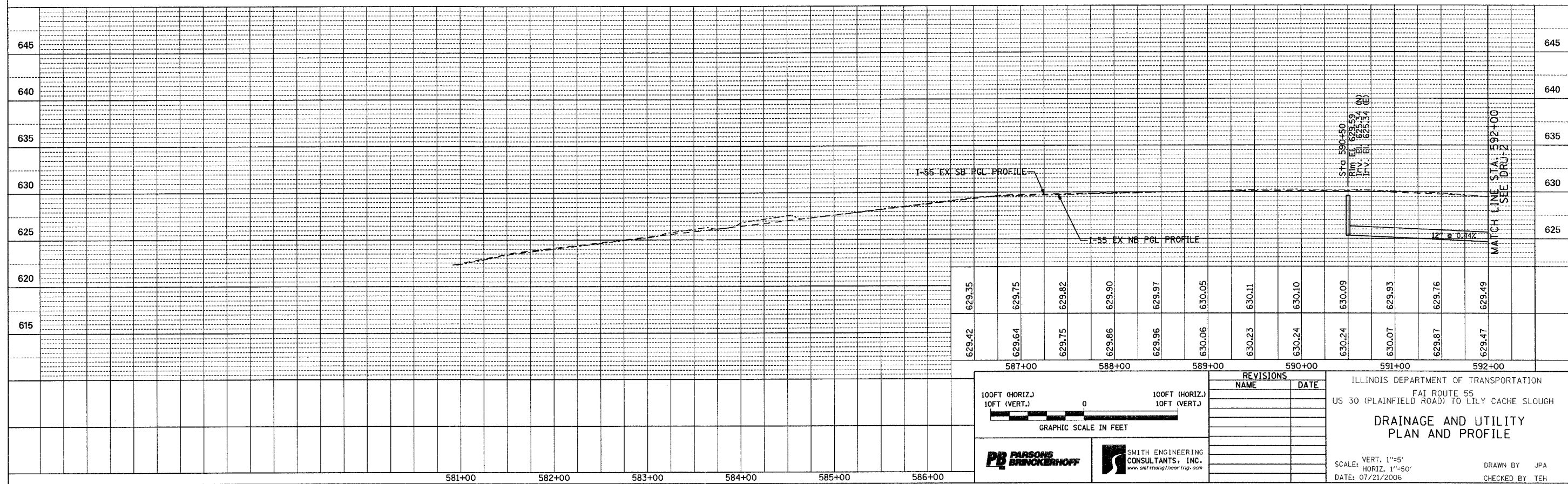
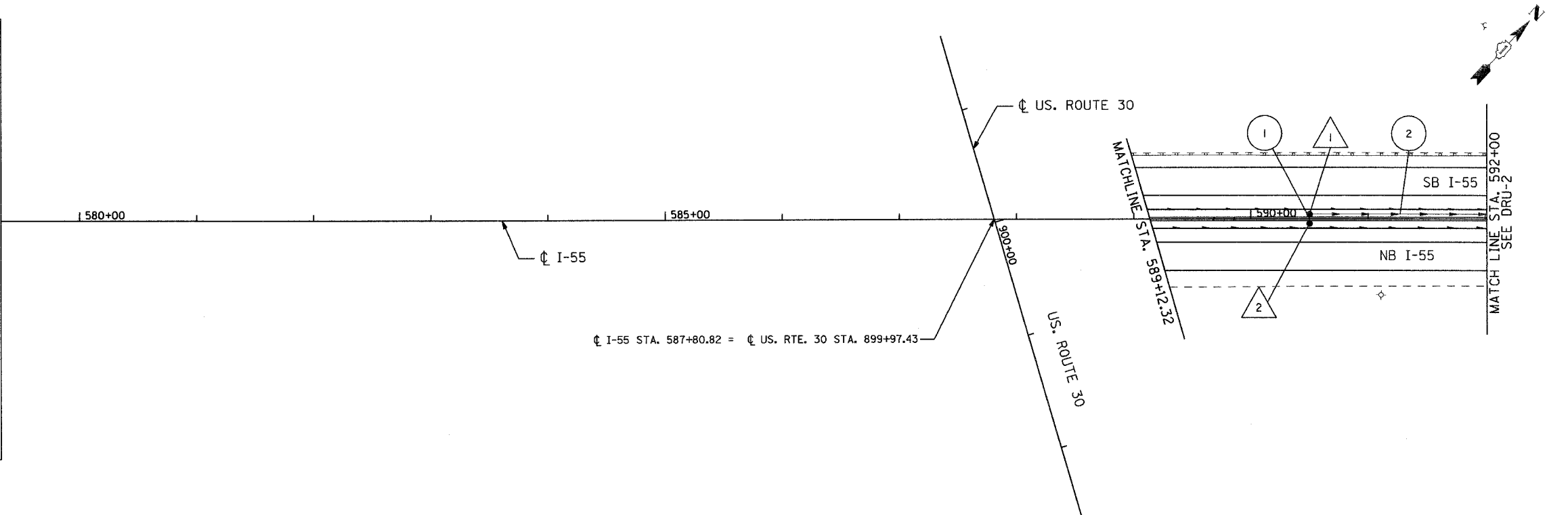
SCALE: \_\_\_\_\_  
 DATE 07/05/06  
 DRAWN BY MRK  
 CHECKED BY TKL

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

CONTRACT NO. 60886				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	176
STA. 577+00		TO STA. 592+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
DRU-01 OF 12				

**DRAINAGE AND UTILITY LEGEND**

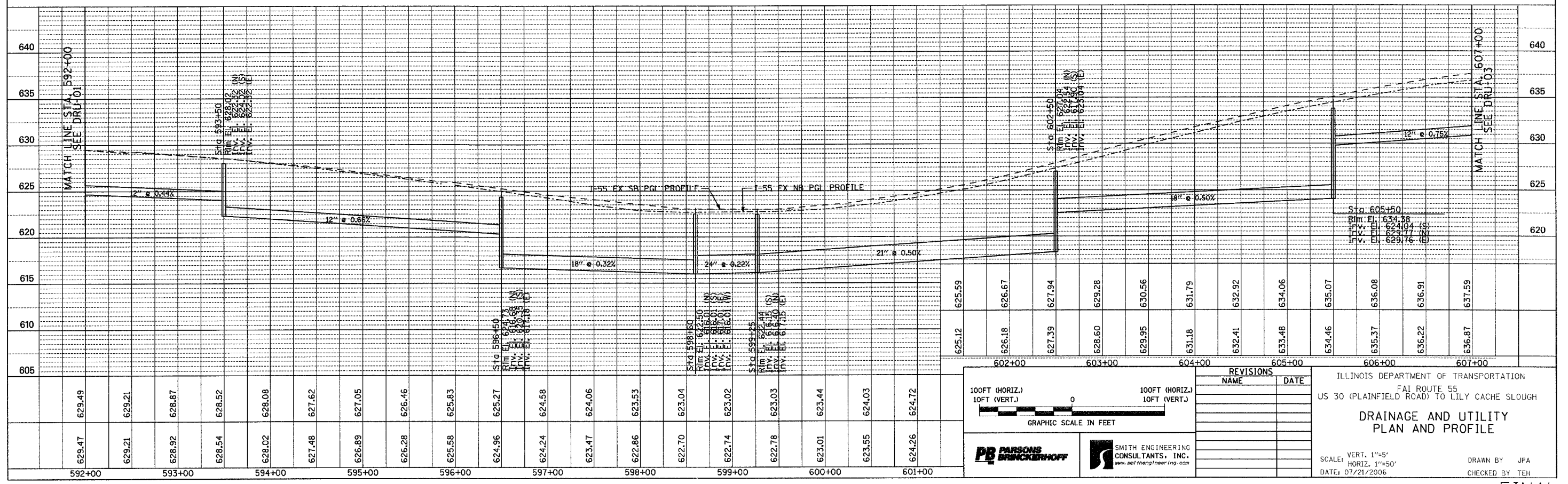
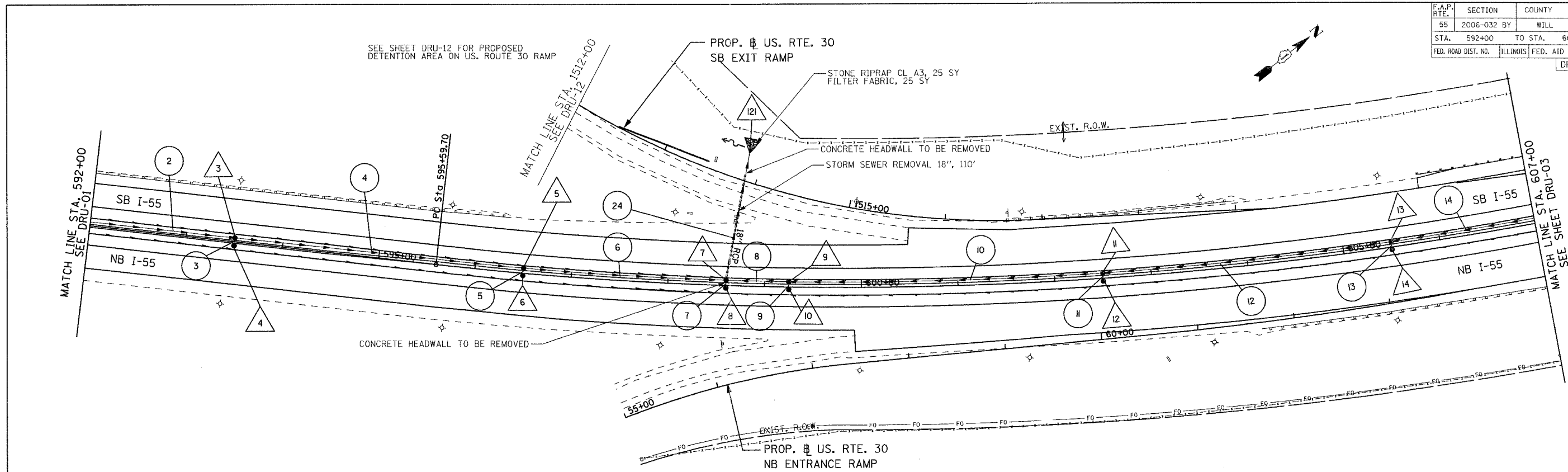
EXISTING STORM SEWER	
EXISTING SANITARY SEWER	
EXISTING CULVERT	
EXISTING DITCH	
EXISTING CATCH BASIN	
EXISTING INLET	
EXISTING MANHOLE	
EXISTING PAVED DITCH	
PROPOSED STORM SEWER	
PROPOSED CATCH BASIN	
PROPOSED MANHOLE / DRAINAGE STRUCTURE	
PROPOSED PRECAST FLARED END SECTION	
PROPOSED DITCH	
PROPOSED UNDERDRAIN	
PROPOSED RIPRAP	
ITEM TO BE ADJUSTED	
STRUCTURE ITEM TO BE CLEANED	
PIPE ITEM TO BE CLEANED	
ITEM TO BE REMOVED	
PROPOSED STRUCTURE	
PROPOSED STORM PIPE	



<p>GRAPHIC SCALE IN FEET</p>	<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <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> <tr><td> </td><td> </td></tr> </tbody> </table>	REVISIONS		NAME	DATE											<p>ILLINOIS DEPARTMENT OF TRANSPORTATION          I-55 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  <b>DRAINAGE AND UTILITY          PLAN AND PROFILE</b></p> <p>SCALE: VERT. 1"=5'          HORIZ. 1"=50'          DATE: 07/21/2006</p> <p>DRAWN BY: JPA          CHECKED BY: TEH</p>
	REVISIONS															
NAME	DATE															

FINAL

CONTRACT NO. 60B86				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	177
STA. 592+00		TO STA. 607+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DRU-02 OF 12				



100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

SMITH ENGINEERING CONSULTANTS, INC.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

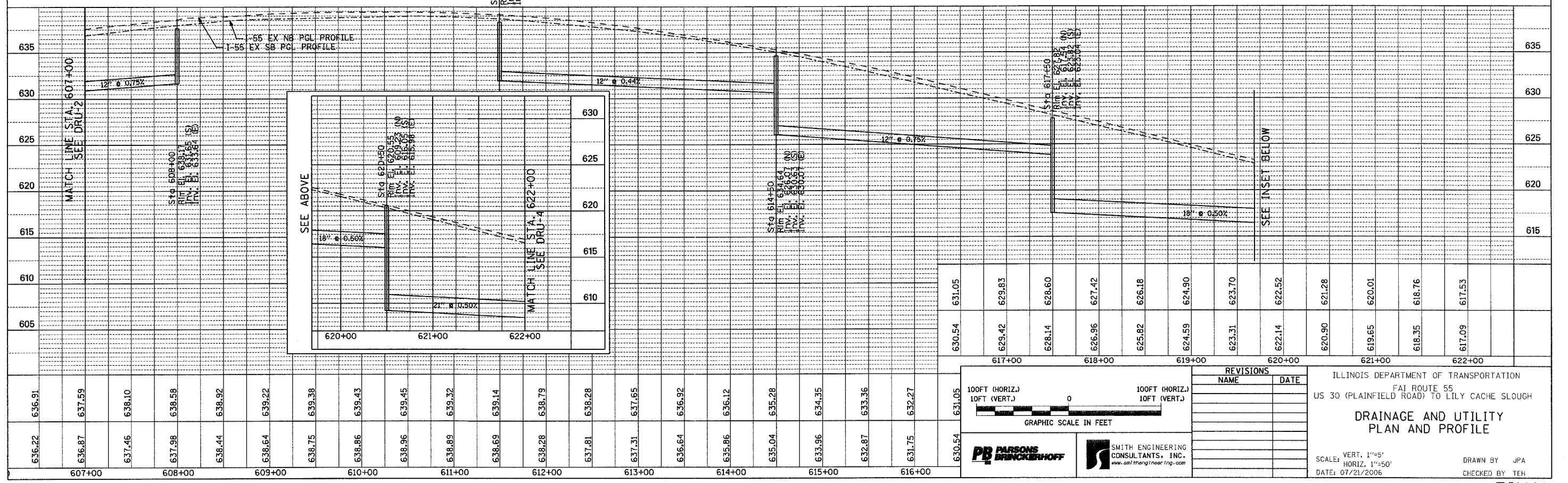
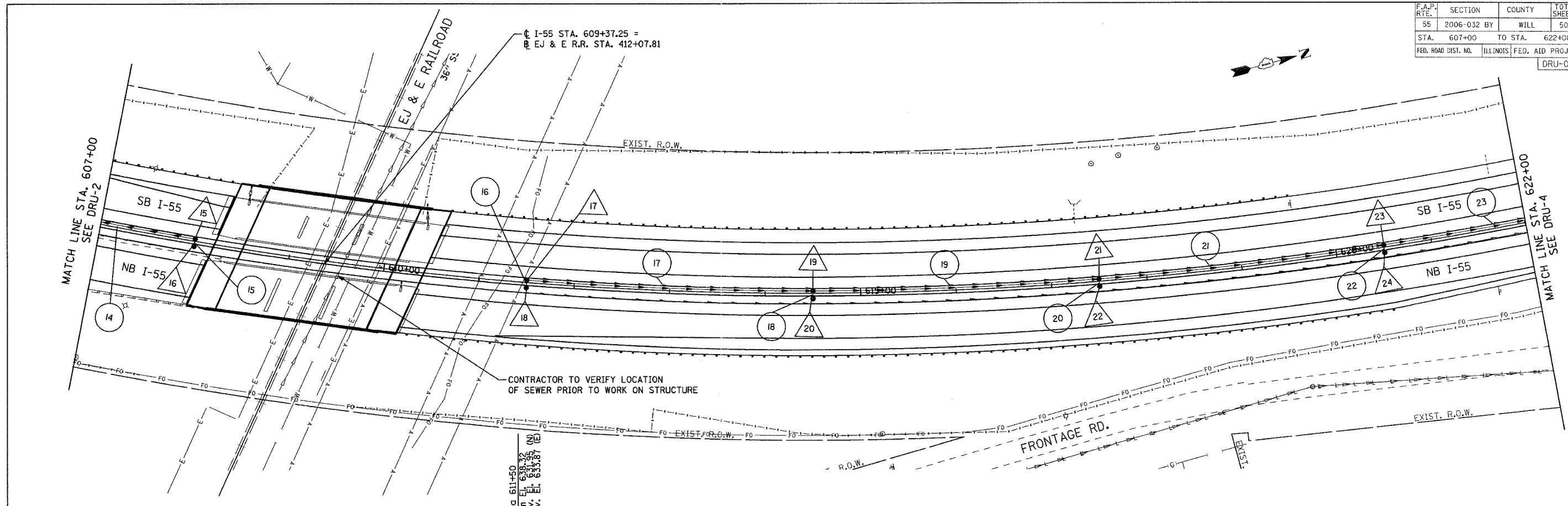
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'

DATE: 07/21/2006

DRAWN BY: JPA  
CHECKED BY: TEH

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	178
STA. 607+00		TO STA. 622+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
DRU-03 OF 12				



SEE ABOVE

620+00	621+00	622+00	630
			625
			620
			615
			610

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

SMITH ENGINEERING CONSULTANTS, INC.  
www.smitheng.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

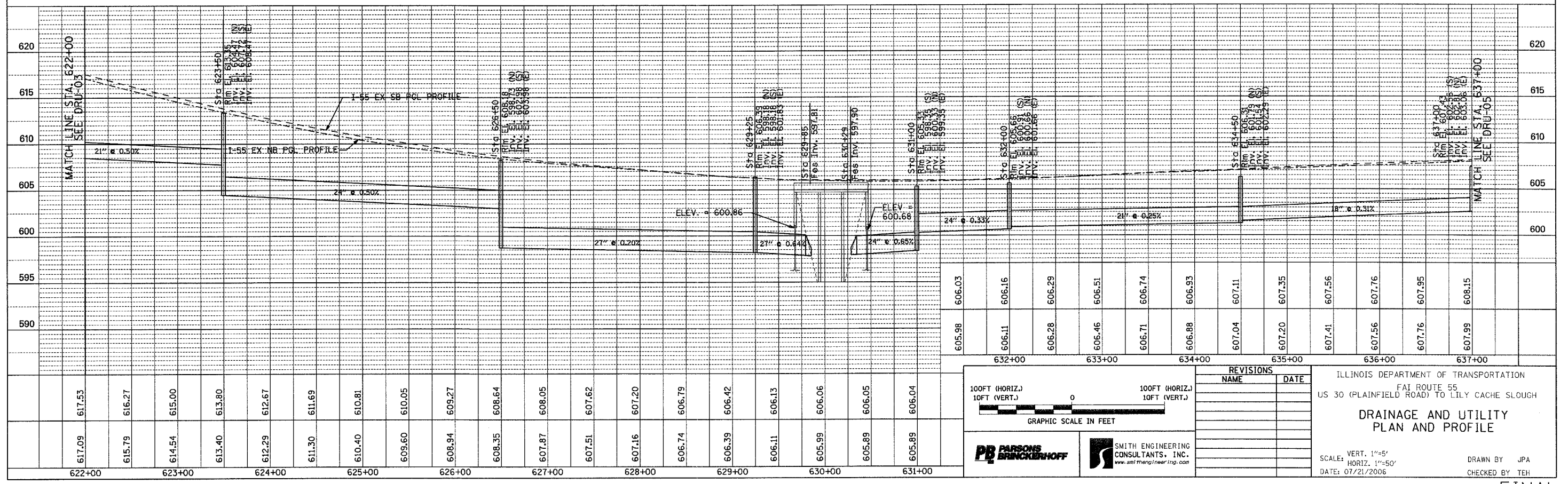
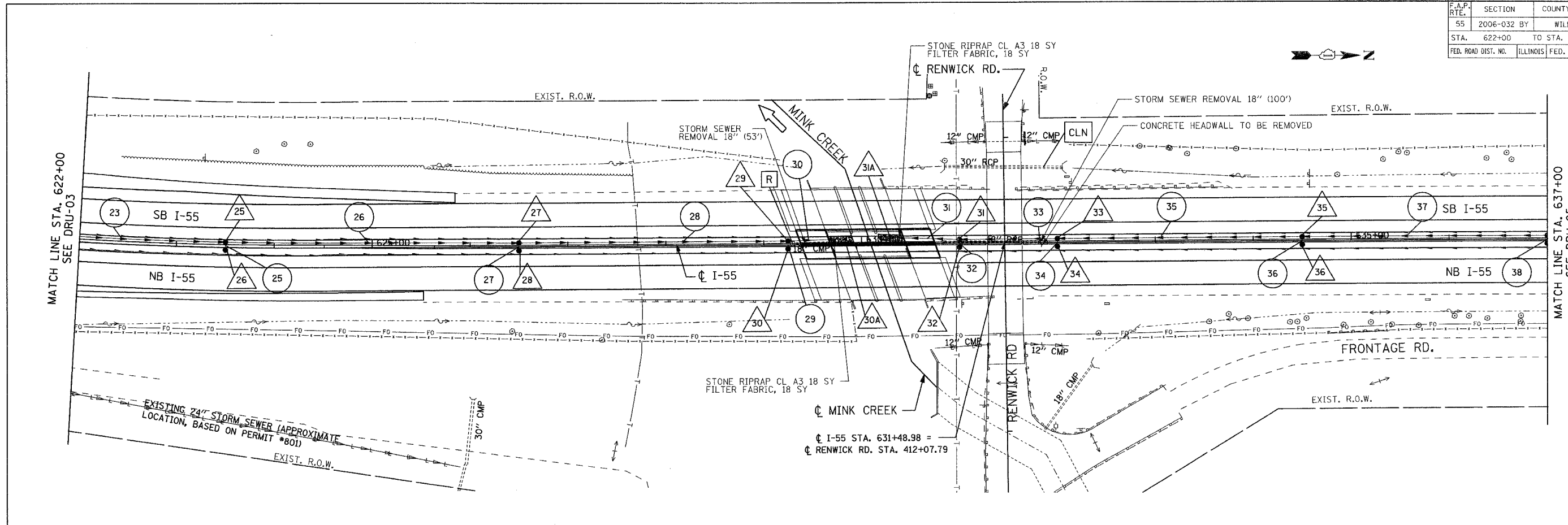
**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'

DATE: 07/21/2006

DRAWN BY: JPA  
CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	179
STA. 622+00		TO STA. 637+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DRU-04 OF 12				



617.09	615.79	614.54	613.40	612.29	611.30	610.40	609.60	608.94	608.35	607.87	607.51	607.16	606.74	606.39	606.11	605.99	605.89	605.89
622+00	623+00	624+00	625+00	626+00	627+00	628+00	629+00	630+00	631+00									

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengr.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

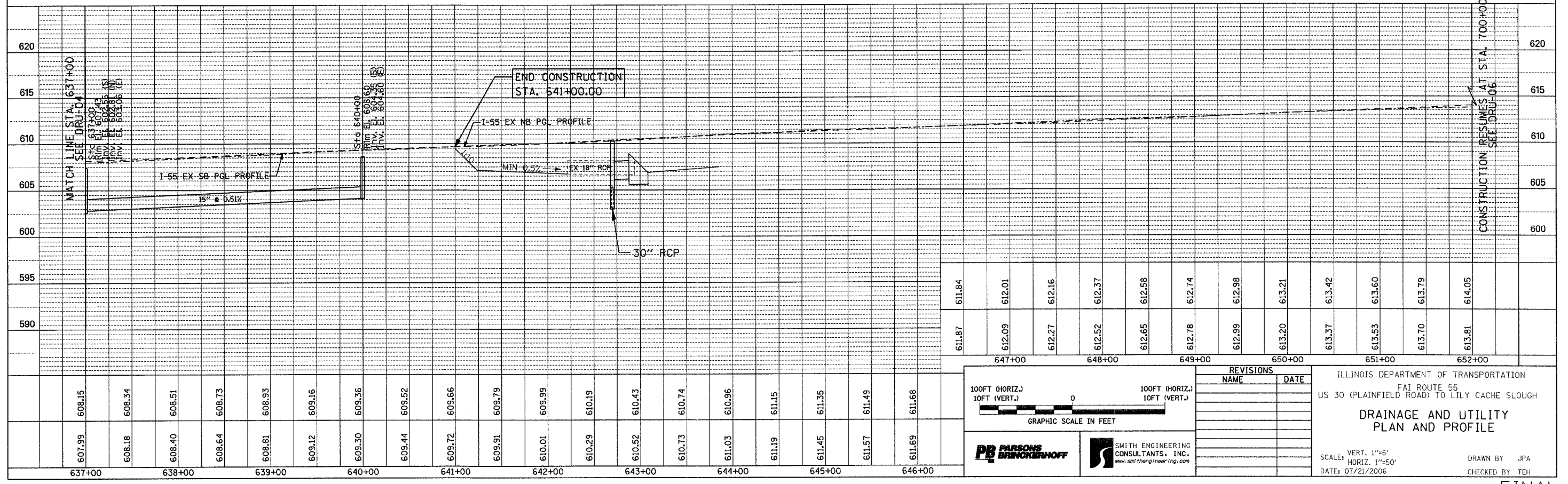
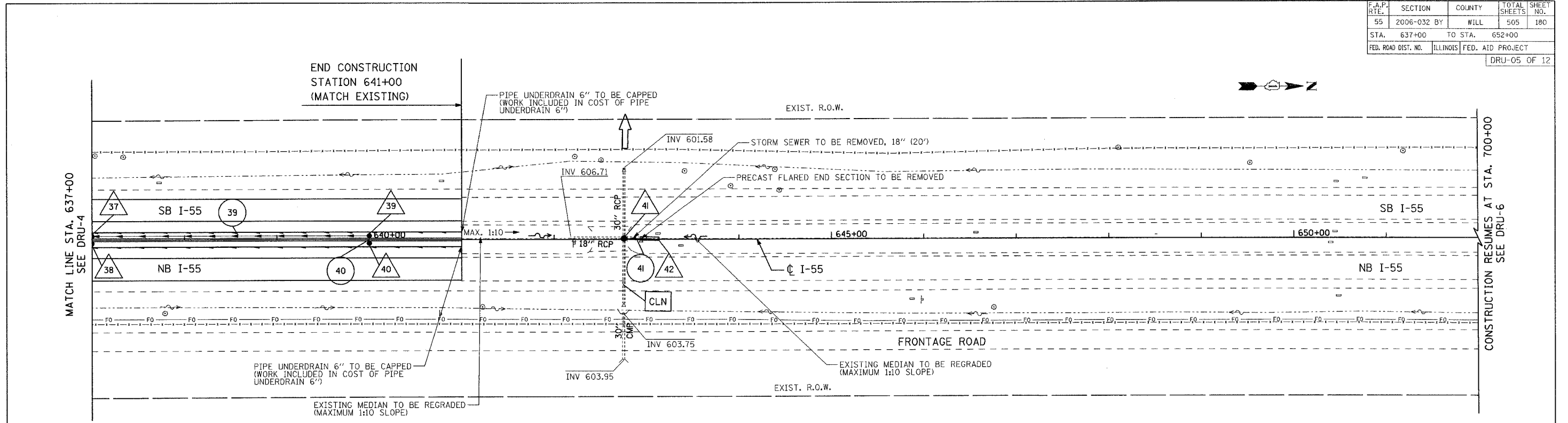
**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 07/21/2006

DRAWN BY JPA  
CHECKED BY TEH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	180
STA.	637+00	TO STA.	652+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				DRU-05 OF 12



100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

SMITH ENGINEERING CONSULTANTS, INC.  
www.smitheng.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

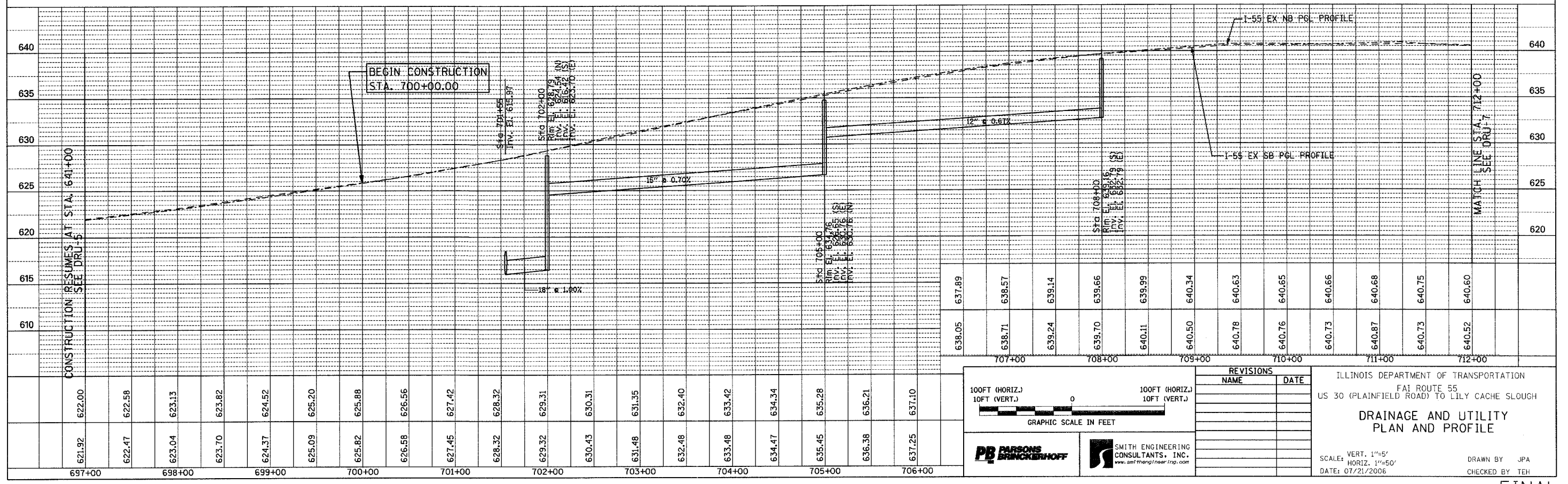
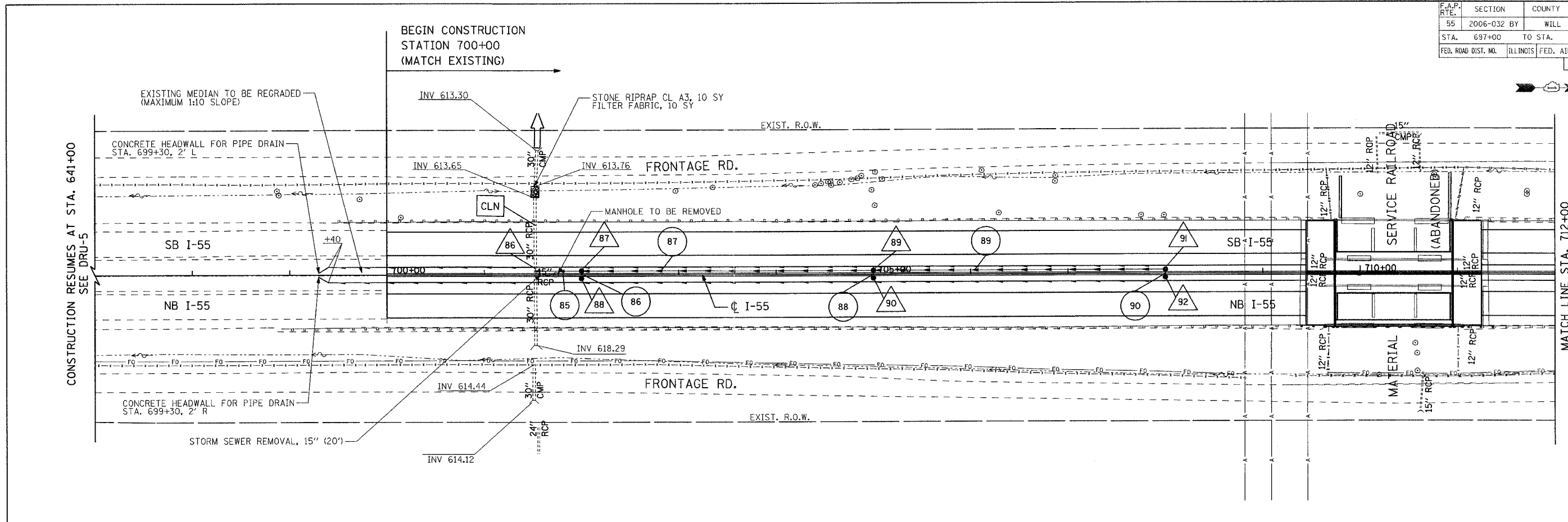
**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'

DATE: 07/21/2006

DRAWN BY JPA  
CHECKED BY TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	181
STA. 697+00		TO STA. 712+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DRU-06 OF 12				



621.92	622.00	622.47	622.58	623.04	623.13	623.70	623.82	624.37	624.52	625.09	625.20	625.82	625.88	626.58	626.56	627.45	627.42	628.32	628.32	629.32	629.31	630.43	630.31	631.48	631.35	632.48	632.40	633.48	633.42	634.47	634.34	635.45	635.28	636.38	636.21	637.25	637.10
697+00	698+00	699+00	700+00	701+00	702+00	703+00	704+00	705+00	706+00	707+00	708+00	709+00	710+00	711+00	712+00																						

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

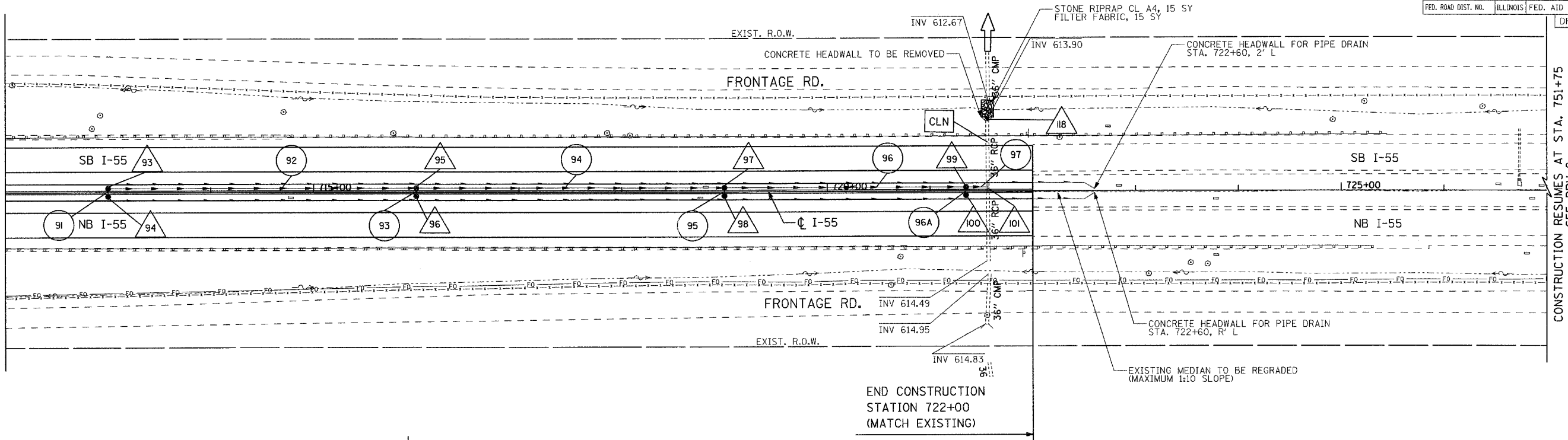
**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 07/21/2006

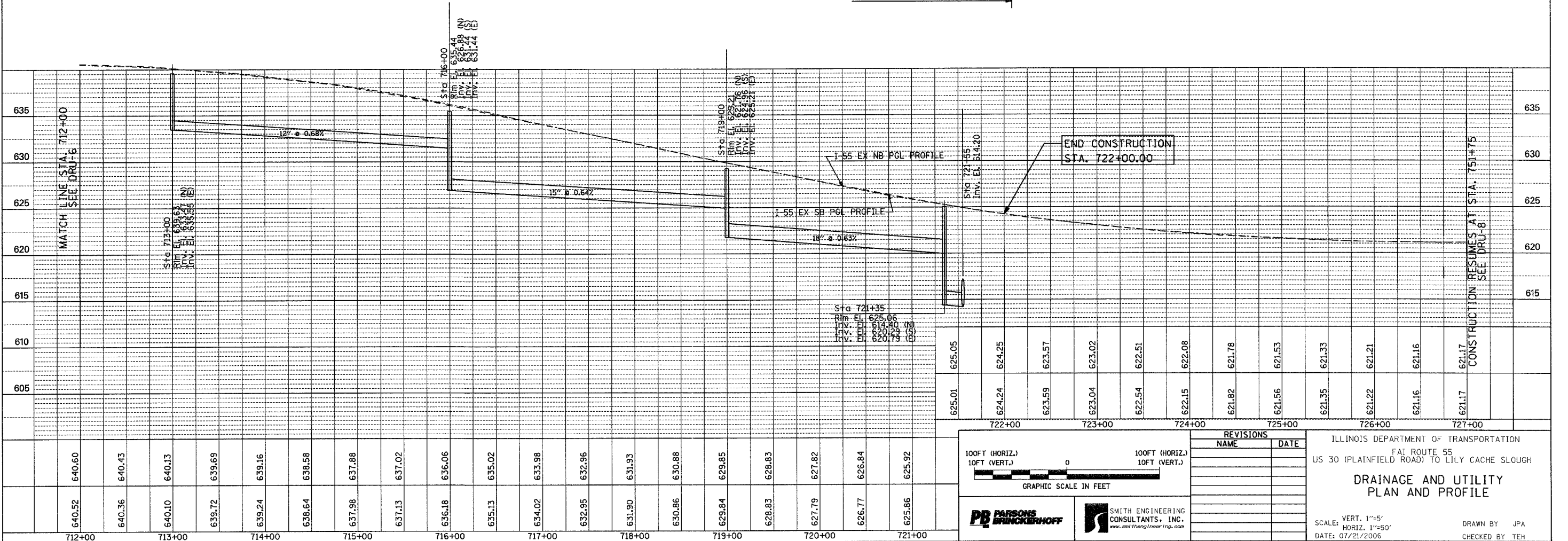
DRAWN BY: JPA  
CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	182
STA. 712+00		TO STA. 727+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

MATCH LINE STA. 712+00  
SEE DRU-6



CONSTRUCTION RESUMES AT STA. 751+75  
SEE DRU-8



100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF  
SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengineeringinc.com

REVISIONS	
NAME	DATE

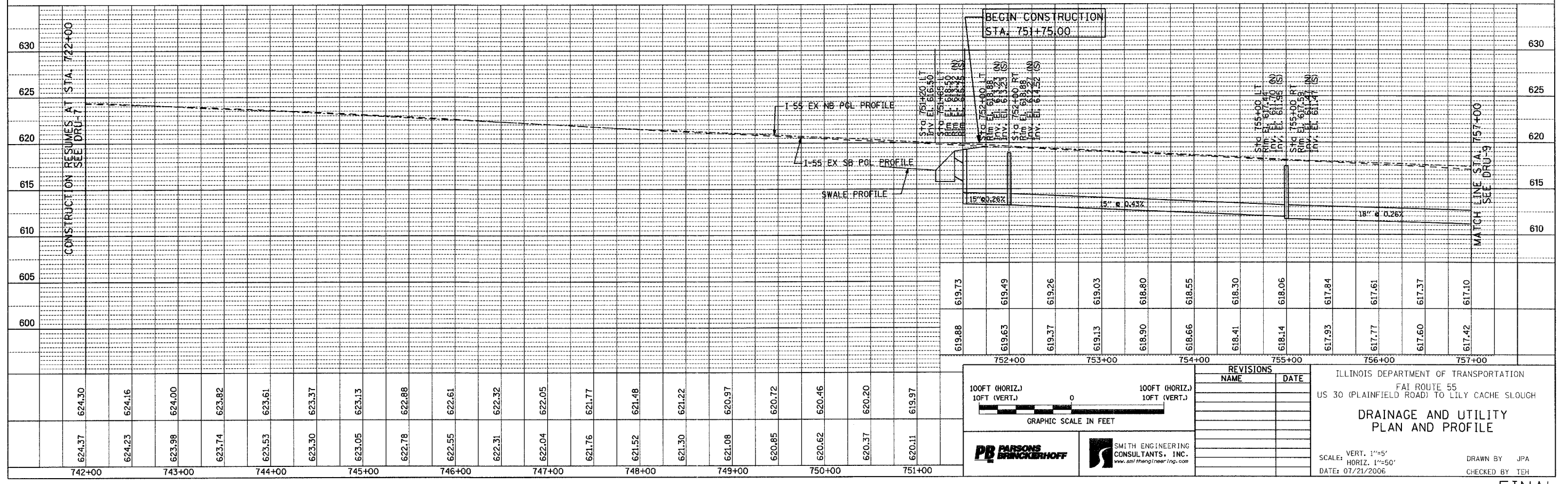
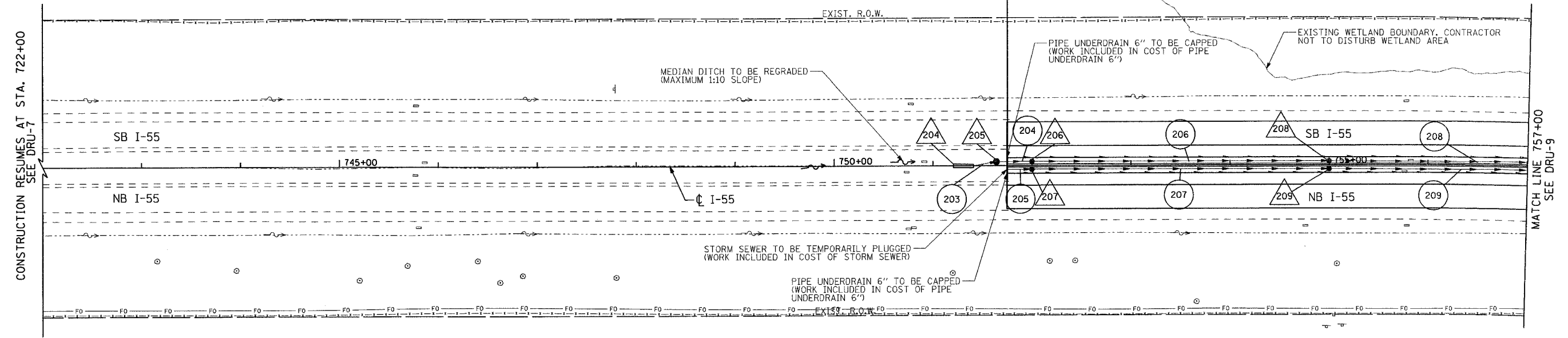
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 07/21/2006

DRAWN BY JPA  
CHECKED BY TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	183
STA. 742+00		TO STA. 757+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DRU-08 OF 12				



100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengineering.com

REVISIONS	
NAME	DATE

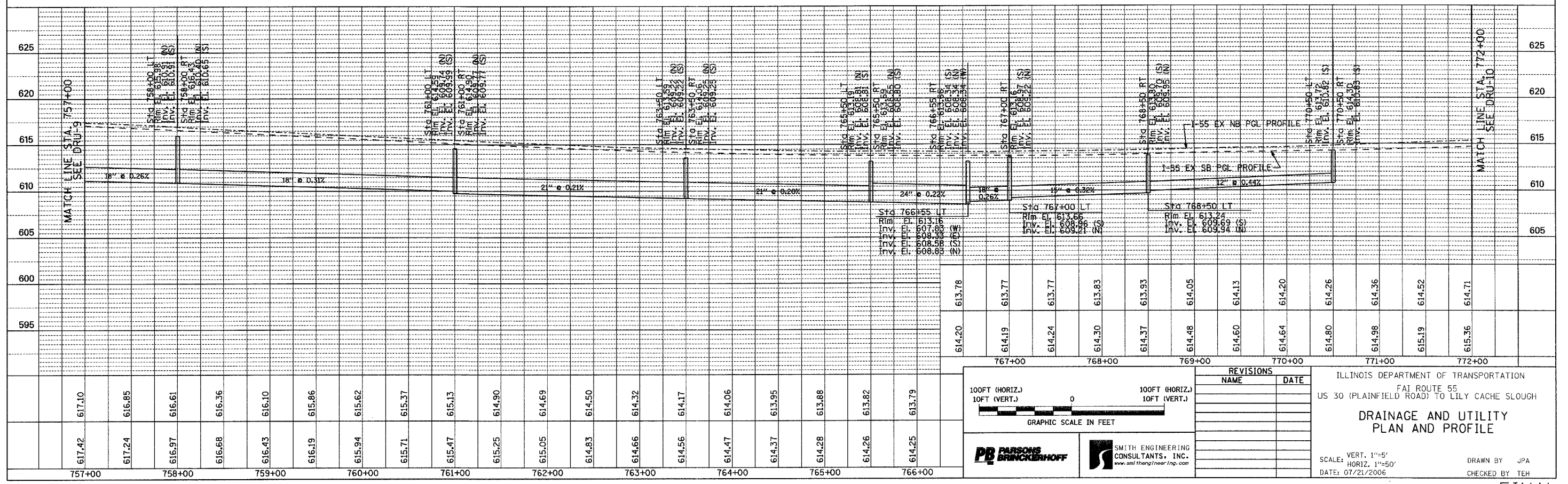
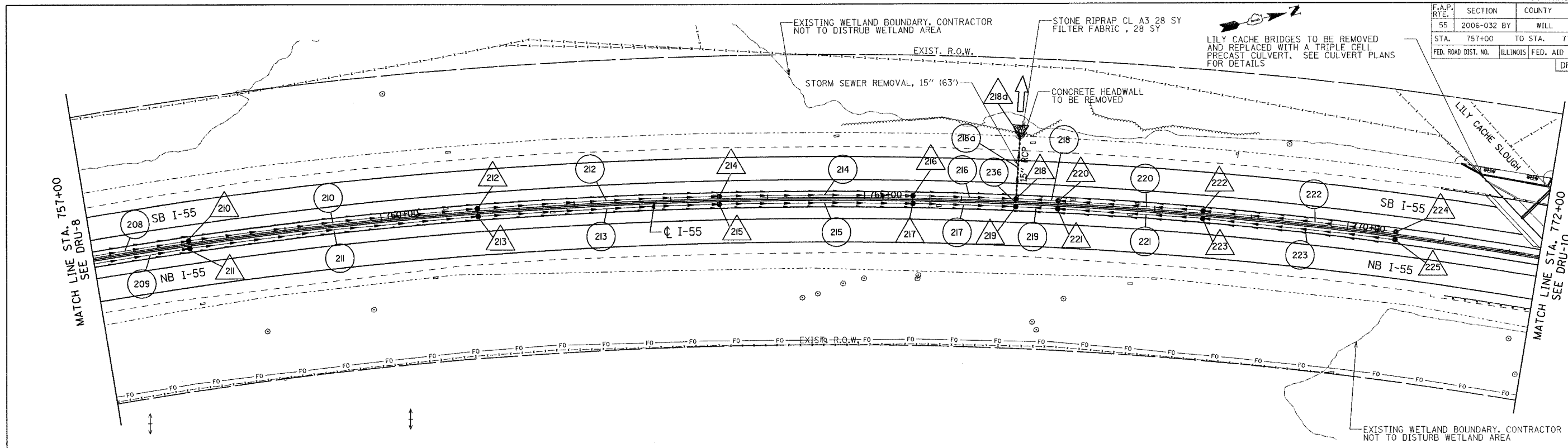
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

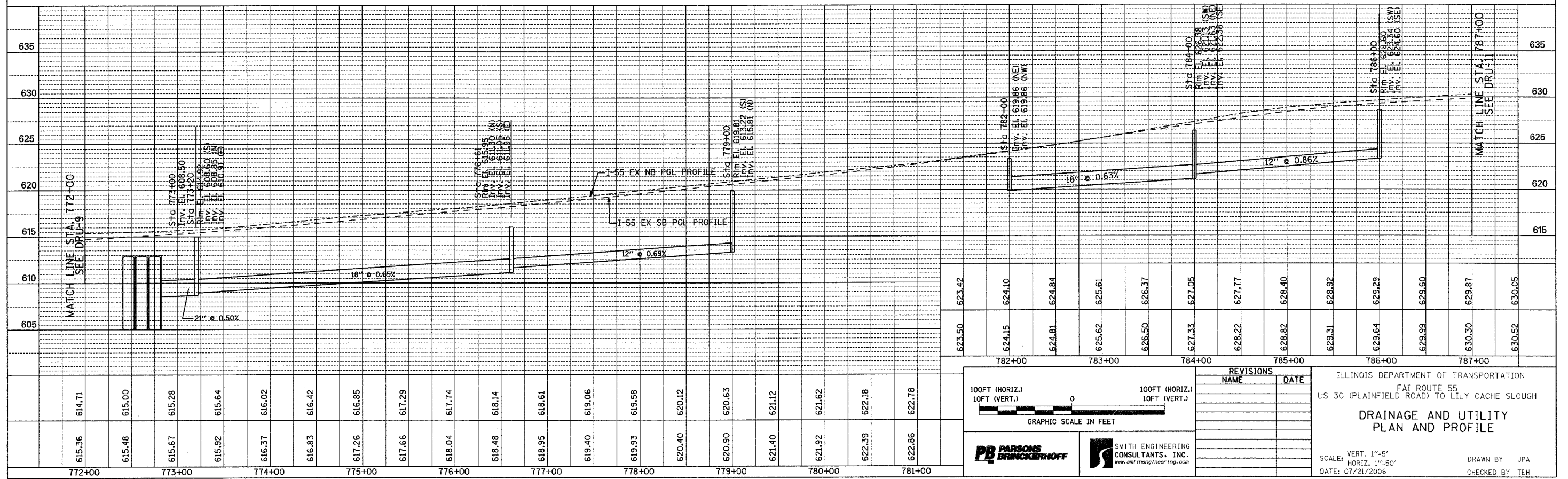
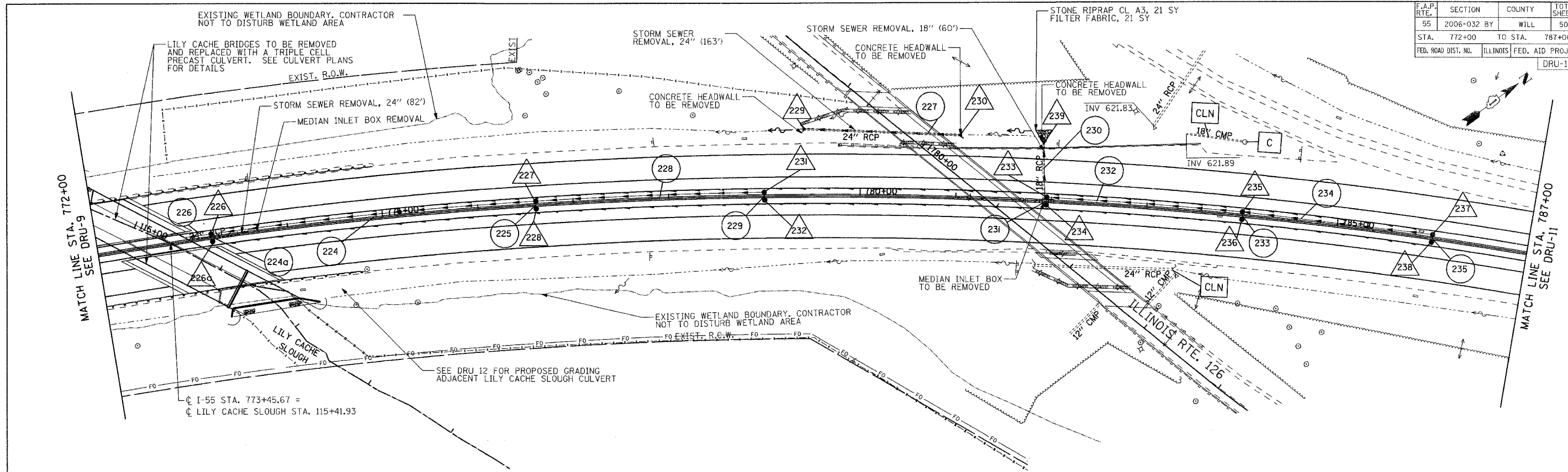
SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 07/21/2006

DRAWN BY JPA  
CHECKED BY TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	184
STA. 757+00		TO STA. 772+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DRU-09 OF 12				



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	185
STA. 772+00		TO STA. 787+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DRU-10 OF 12				



100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS

NAME	DATE

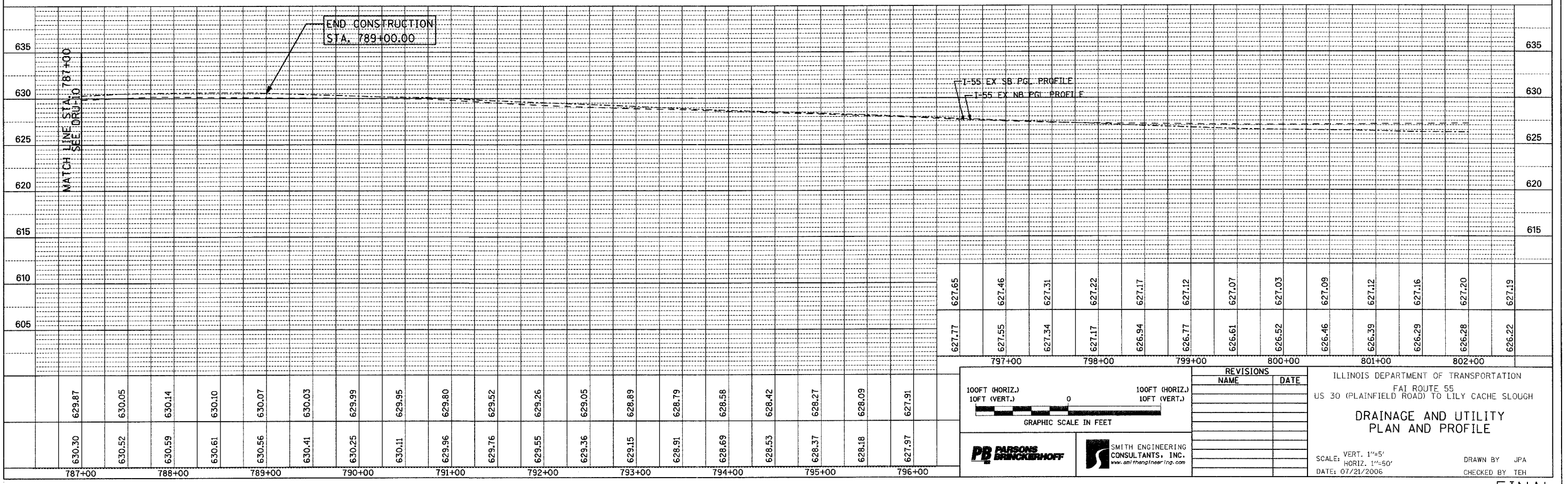
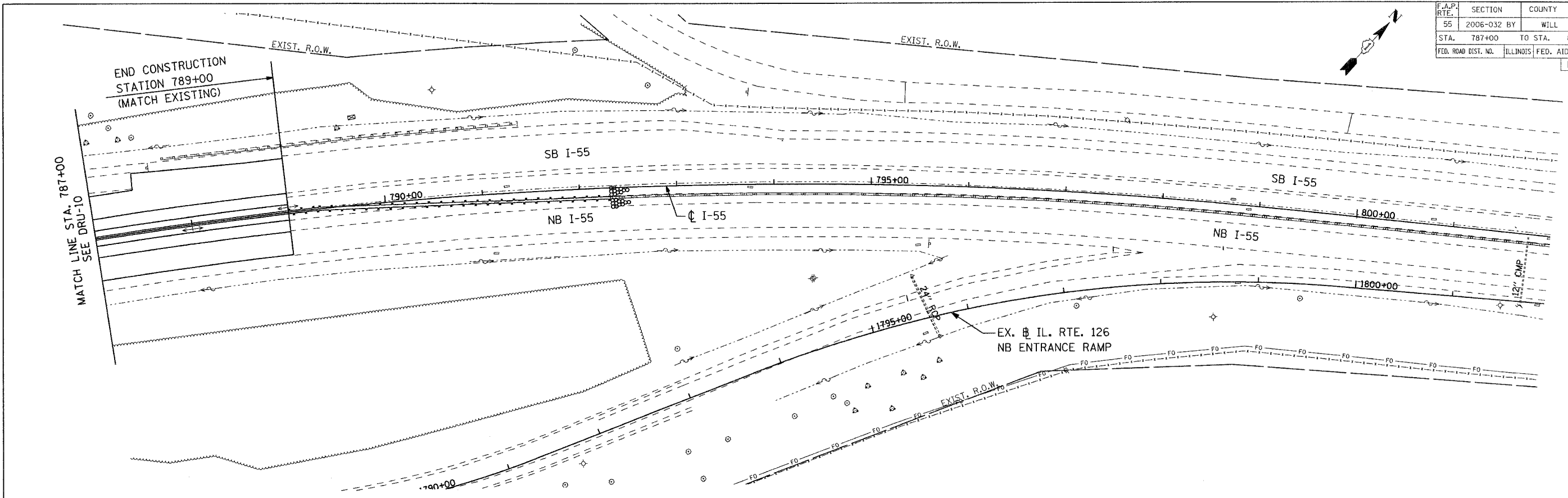
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 07/21/2006

DRAWN BY JPA  
CHECKED BY TEH

CONTRACT NO. 60B86				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	186
STA. 787+00	TO STA. 802+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
DRU-11 OF 12				



100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

100FT (HORIZ.)  
10FT (VERT.)

SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

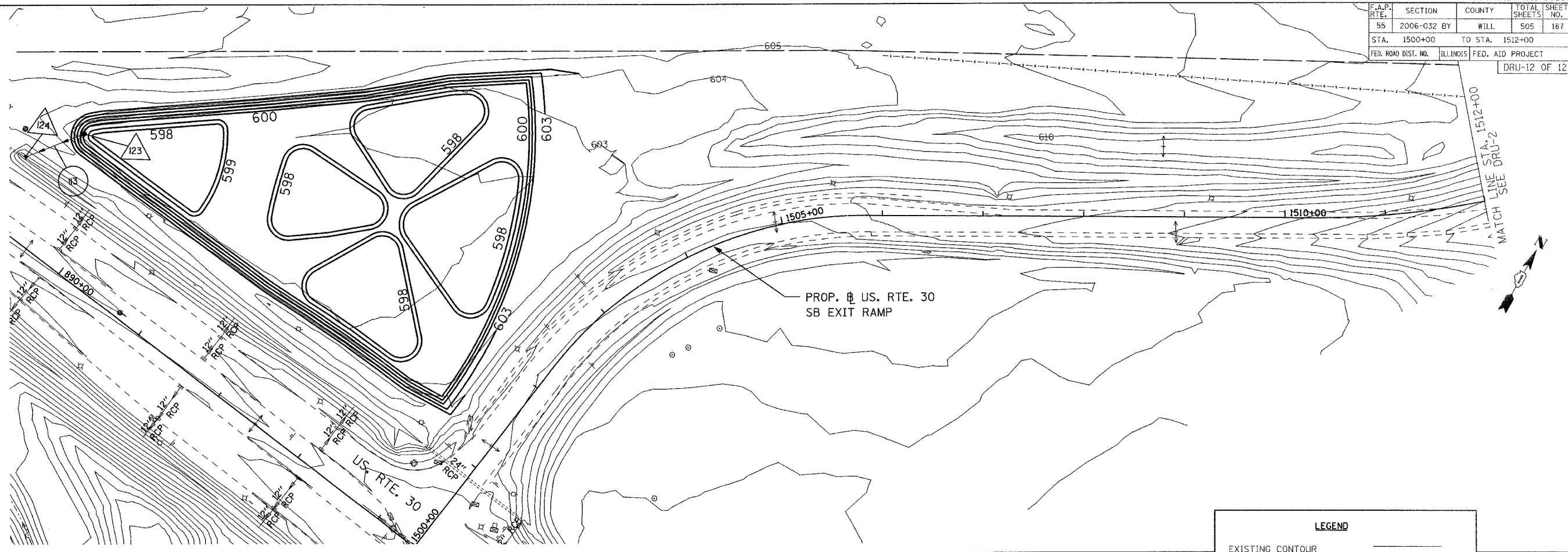
**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: VERT. 1"=5'  
HORIZ. 1"=50'  
DATE: 07/21/2006

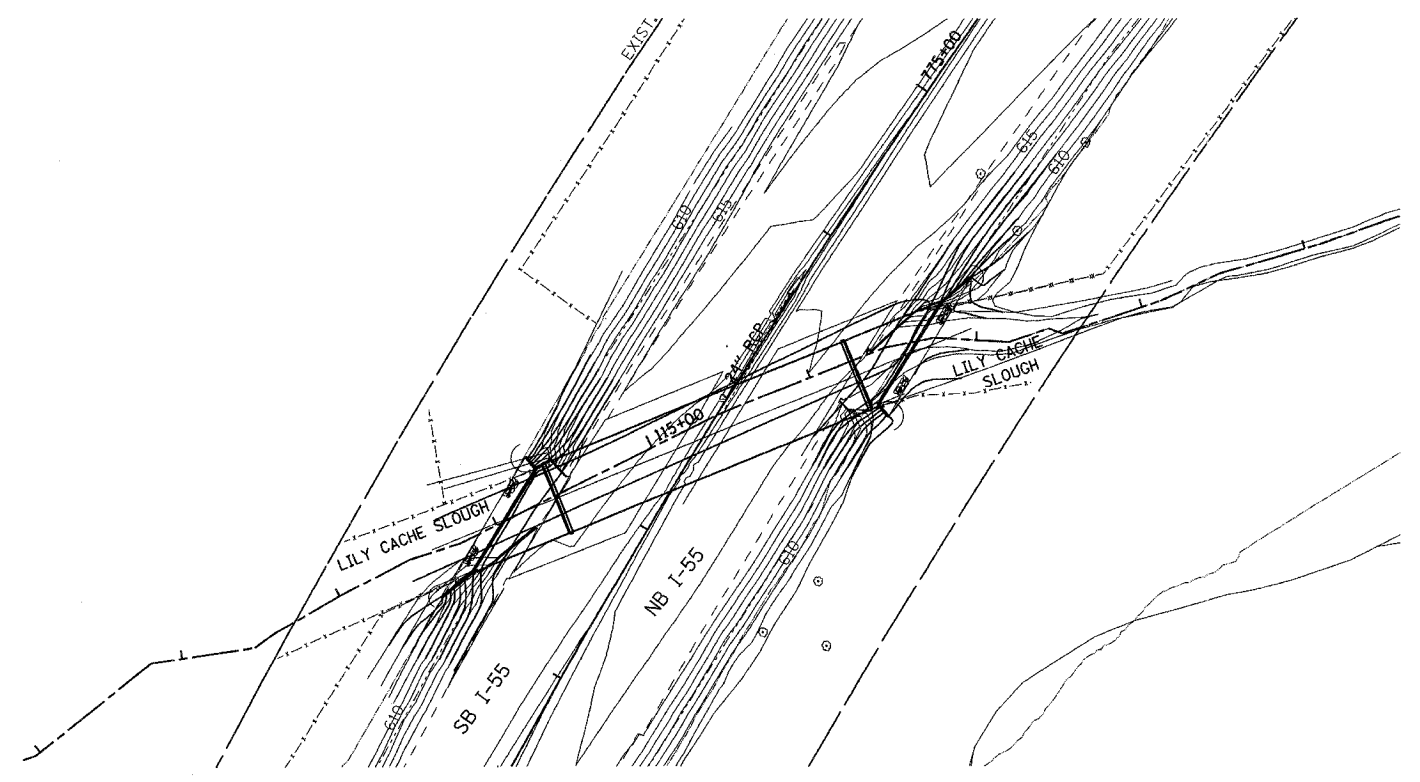
DRAWN BY JPA  
CHECKED BY TEH

FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	187
STA. 1500+00		TO STA. 1512+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
DRU-12 OF 12				



LEGEND	
EXISTING CONTOUR	———
PROPOSED CONTOUR	———



**PB PARSONS BRINCKERHOFF**

SMITH ENGINEERING CONSULTANTS, INC.  
www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

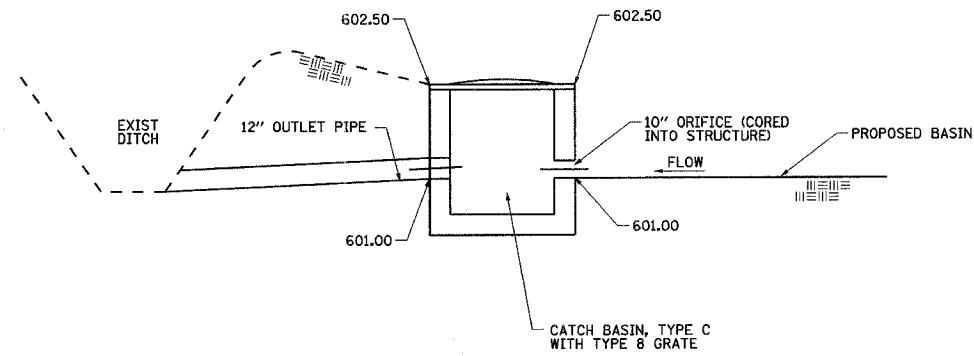
**DRAINAGE AND UTILITY  
PLAN AND PROFILE**

SCALE: 1" = 50'  
DATE: 07/21/2006

DRAWN BY: JPA  
CHECKED BY: TEH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	188
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
DRUDT 1 OF 3				



DETENTION BASIN  
RESTRICTOR STRUCTURE #123

PLOT DATE = 7/19/2006  
 FILE NAME = \*FILEL\*  
 PLOT SCALE = \*RSLSCALE\*  
 REFERENCE = \*REF\*

**PARSONS BRINCKERHOFF**  
 1922

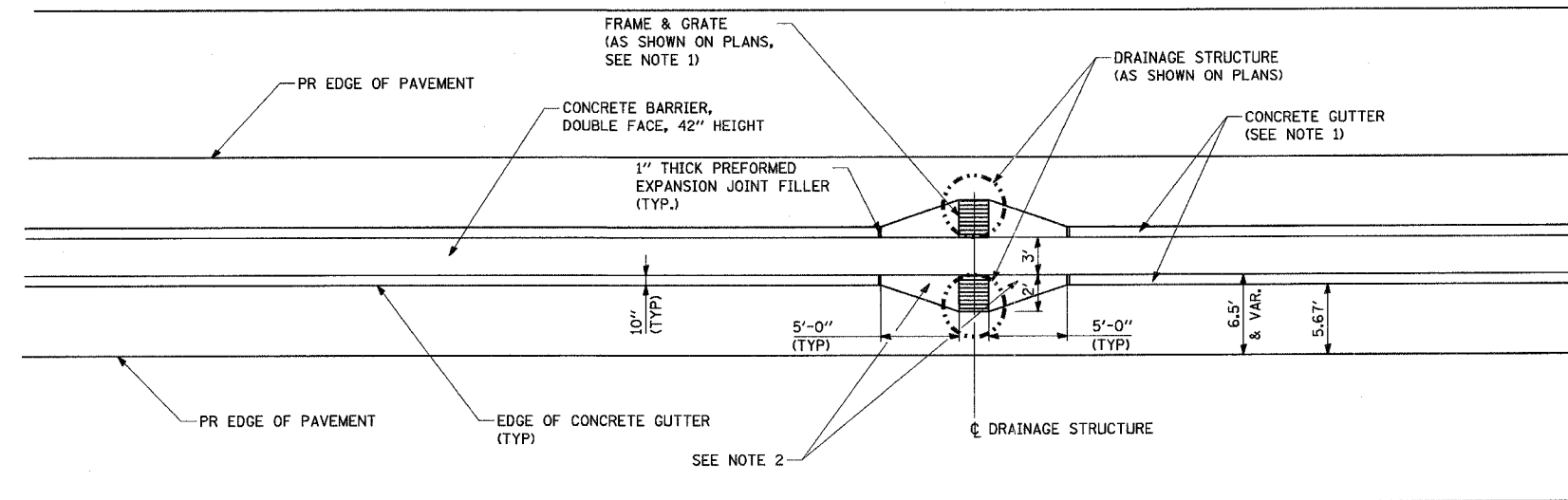
SMITH ENGINEERING  
 CONSULTANTS, INC.  
 www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE DETAILS**  
**DETENTION BASIN RESTRICTOR**

SCALE: N.T.S.      DRAWN BY: JPA  
 DATE: 07/21/2006      CHECKED BY: TEH

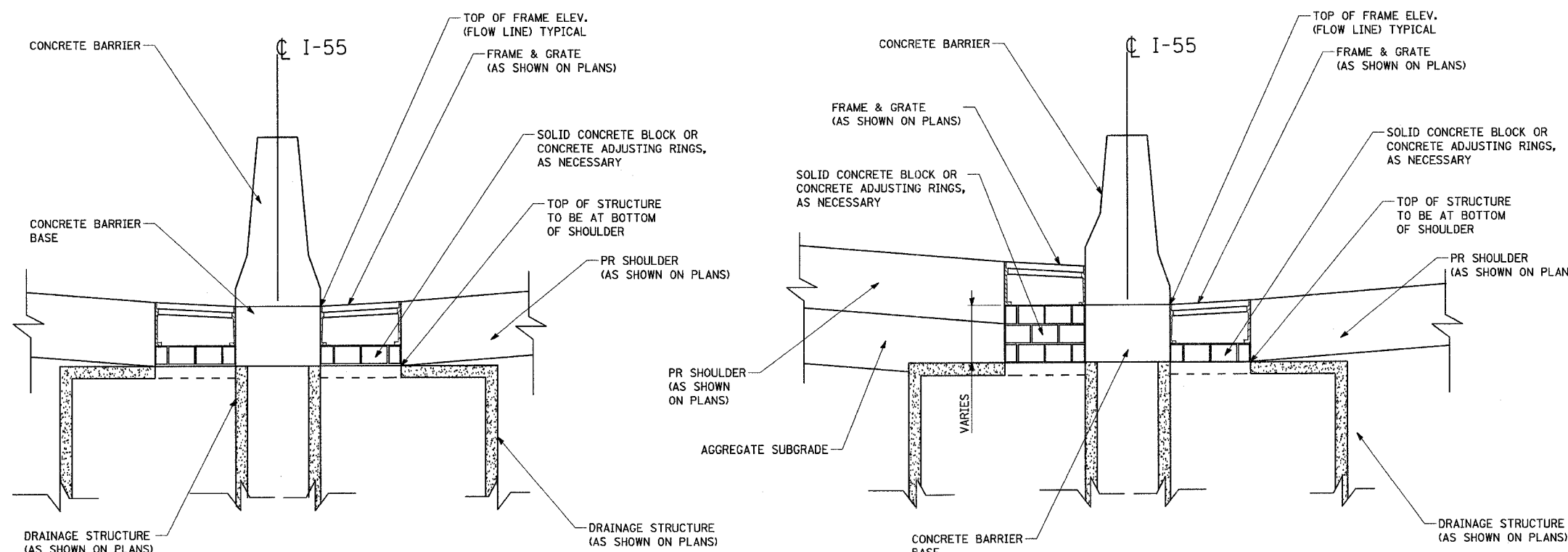
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	189
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
DRUDT 2 OF 3				



**NOTES**

1. IN STAGE 1, THE FRAMES AND GRATES SHALL BE SET FLUSH WITH THE LEVEL OF THE BINDER COURSE AND BE SECURED BY TACK WELDING, WEDGING WASHERS OR A COMBINATION THEREOF TO THE SATISFACTION OF THE ENGINEER, IMMEDIATELY PRIOR TO PLACING THE SURFACE COURSE OR AS DIRECTED BY THE ENGINEER, THE FRAMES AND GRATES SHALL BE UNSECURED AND ADJUSTED TO THE FINAL SURFACE ELEVATION IN ACCORDANCE WITH SECTION 603 " ADJUSTING FRAMES AND GRATES OF DRAINAGE AND UTILITY STRUCTURES." THE COST OF SECURING AND UNSECURING THE FRAMES AND GRATES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR FRAMES AND GRATES TO BE ADJUSTED.
2. THE COST OF ADDITIONAL WIDTH OF CONCRETE GUTTER AS SHOWN AT THE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR CONCRETE GUTTER.

**CONCRETE GUTTER DETAIL AT DRAINAGE STRUCTURE**



**NOTES**

1. THE COST OF SOLID CONCRETE BLOCK OR CONCRETE ADJUSTING RINGS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRAINAGE STRUCTURES OF TYPE OR SIZE SPECIFIED.
2. SEE STATE AND DISTRICT 1 STANDARDS FOR DRAINAGE STRUCTURE DETAILS.
3. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES.

**SAME P.G.L. SIDE ELEVATION**

**DIFFERENTIAL P.G.L. SIDE ELEVATION**

**CONCRETE ADJUSTING RINGS OR CONCRETE BLOCKS FOR TYPE 20 AND TYPE 21 F & G**

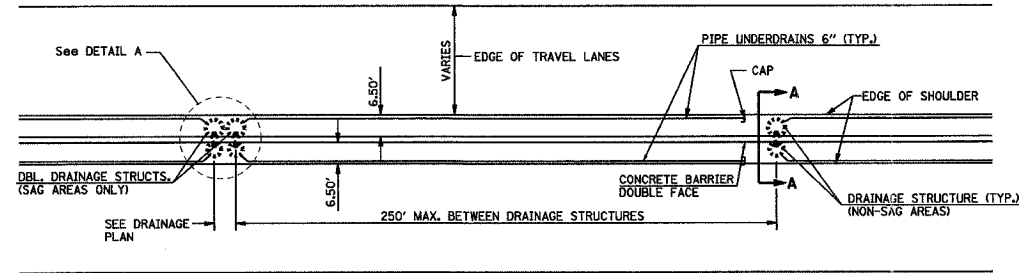
**PARSONS BRINCKERHOFF**  
 SMITH ENGINEERING CONSULTANTS, INC.  
 www.smithengineering.com

REVISIONS	
NAME	DATE

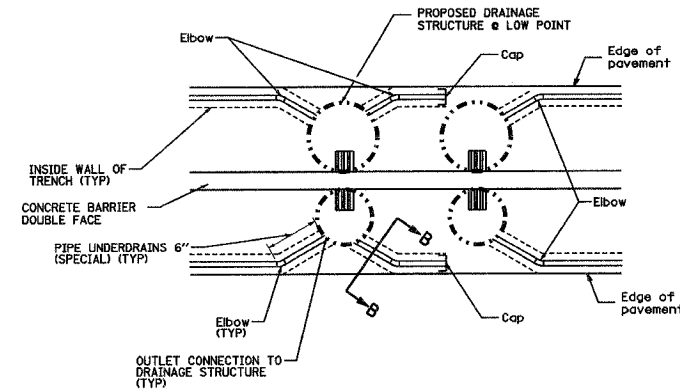
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 DRAINAGE DETAILS  
 STRUCTURE ADJUSTMENT  
 SCALE: N.T.S.  
 DATE: 07/21/2006  
 DRAWN BY: MRK  
 CHECKED BY: TL

**FINAL**

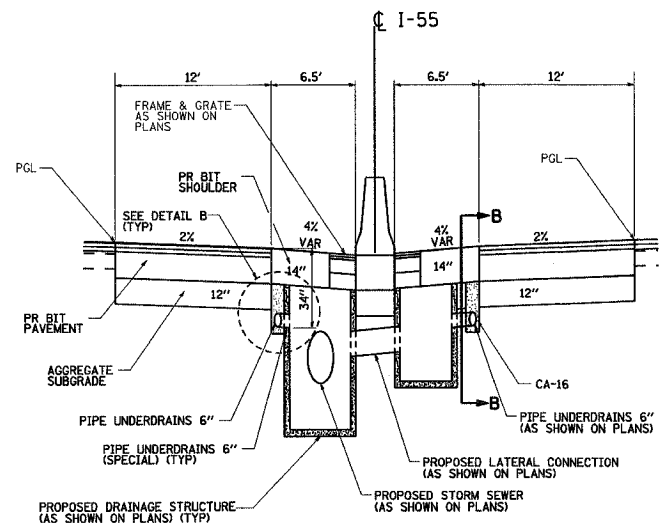
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	190
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
DRUDT 3 OF 3				



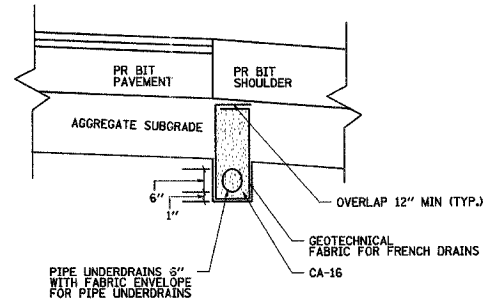
PROPOSED PLAN



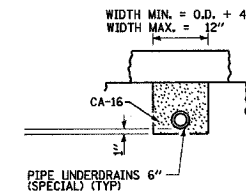
DETAIL A



SECTION A-A



DETAIL B



SECTION B-B

GENERAL NOTES

THE 24" RADIUS ON THE DRAINAGE FITTING IS ONLY A MINIMUM. LARGER RADII MEETING THE APPROVAL OF THE ENGINEER MAYBE SUBSTITUED.

NOTES

- SEE STANDARD 601001 FOR DETAILS NOT SHOWN.
- THE COST OF GEOTECHNICAL FABRIC FOR FRENCH DRAINS, FABRIC ENVELOPE FOR PIPE UNDERDRAINS, CA-16 AGGREGATE FOR BEDDING AND TRENCH BACKFILL AND OUTLET CONNECTION TO DRAINAGE STRUCTURES WILL NOT BE PAID SEPERATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE UNDERDRAINS 6".

**PB PARSONS BRINCKERHOFF**  
 1922  
 SMITH ENGINEERING CONSULTANTS, INC.  
 www.smithengineering.com

REVISIONS	
NAME	DATE

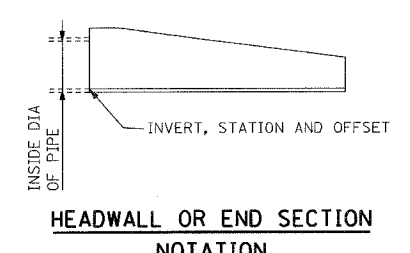
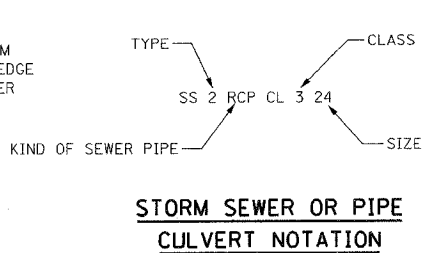
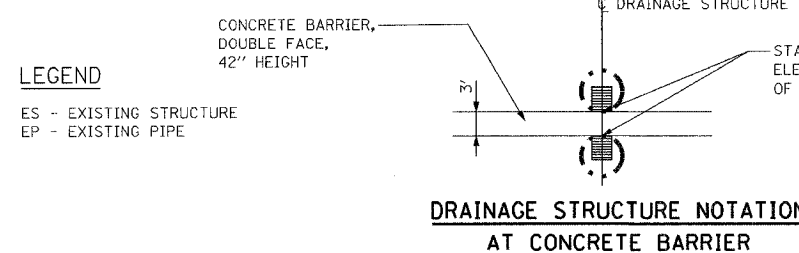
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE DETAILS**  
 PIPE UNDERDRAIN  
 SCALE: N.T.S.  
 DATE: 07/21/2006  
 DRAWN BY MRK  
 CHECKED BY TL

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	191
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STRUCTURE NO.	STRUCTURE DESCRIPTION	I-55 CENTERLINE			INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				PROPOSED RIM ELEVATION	SHEET NO.	SC INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST					
2705	INLET BOX 542531	572+76	--	RT	609.62	--	--	--	2705 - DIA 24"	--	--	--	613.60				
2706	MAN TA 5 DIA T1F CL	572+90	1.5	LT	609.49	609.50	--	--	2706 - SPAN 30", RISE 19"	2705 - DIA 24"	--	--	613.54				FLAT
2707	CB TA 5 DIA T2F&G	574+20	1.5	LT	609.12	609.12	609.66	--	2707 - SPAN 30", RISE 19"	2706 - SPAN 30", RISE 19"	4707 - DIA 15"	--	613.08	YES	--		FLAT
2708	CB TA 5 DIA T2F&G	574+40	1.5	LT	609.09	609.09	609.64	--	2708 - SPAN 30", RISE 19"	2707 - SPAN 30", RISE 19"	4708 - DIA 15"	--	613.08	YES	--		FLAT
2709	CB TA 5 DIA T2F&G	574+60	1.5	LT	609.06	609.06	609.61	--	2709 - SPAN 38", RISE 24"	2708 - SPAN 30", RISE 19"	4709 - DIA 15"	--	613.08	YES	--		FLAT
2710	MAN TA 7 DIA T24F&G	577+50	1.5	LT	609.30	608.55	608.55	--	2710 - DIA 15"	2709 - SPAN 38", RISE 24"	4710 - SPAN 38", RISE 24"	--	615.40	YES	YES		TAPERED
2711	CB TA 4 DIA T20F&G	579+50	1.5	LT	612.75	612.72	612.75	--	2711 - DIA 15"	2710 - DIA 15"	4711 - DIA 15"	--	619.01	YES	YES		TAPERED
2712	CB TA 4 DIA T20F&G	581+50	1.5	LT	616.30	616.18	616.30	--	2712 - DIA 15"	2711 - DIA 15"	4712 - DIA 15"	--	622.90	YES	YES		TAPERED
2713	CB TA 4 DIA T20F&G	584+00	1.5	LT	620.50	620.24	620.50	--	2713 - DIA 15"	2712 - DIA 15"	4713 - DIA 15"	--	626.66	YES	YES		TAPERED
2714	CB TA 4 DIA T20F&G	586+45	1.5	LT	--	624.36	624.44	--	--	2713 - DIA 15"	4714 - DIA 15"	--	628.86	YES	--		FLAT
2716	MAN TA 6 DIA T1F CL	577+60	72.0	RT	--	--	608.34	608.34	--	--	2717 - SPAN 38", RISE 24"	2716 - SPAN 38", RISE 24"	614.99	--	--		FLAT
2800	PRCF END S EL EQRS 30	580+48	146.0	RT	--	--	--	607.61	--	--	--	--	--	--	--	--	--
2899	PRC FLAR END SEC 12	581+91	220.6	RT	--	--	607.60	--	--	2899 - DIA 12"	--	--	--	--	--	--	--
2900	PRC FLAR END SEC 12	582+19	245.6	RT	--	--	--	607.50	--	--	2899 - DIA 12"	--	--	--	--	--	--
2920	TY D INLET BOX 609006	588+76	50.5	LT	--	--	--	627.90	--	--	EP - DIA 12"	--	629.79	--	--	--	--
2930	TY D INLET BOX 609006	589+07	49.9	RT	--	--	628.06	--	--	EP - DIA 12"	--	--	629.88	--	--	--	--
4707	CB TA 4 DIA T21F&G	574+20	1.5	RT	--	--	--	609.70	--	--	--	4707 - DIA 15"	613.04	YES	--		FLAT
4708	CB TA 4 DIA T21F&G	574+40	1.5	RT	--	--	--	609.67	--	--	--	4708 - DIA 15"	613.04	YES	--		FLAT
4709	CB TA 4 DIA T21F&G	574+60	1.5	RT	--	--	--	609.64	--	--	--	4709 - DIA 15"	613.05	YES	--		FLAT
4710	MAN TA 6 DIA T20F&G	577+50	1.5	RT	--	--	608.52	608.52	--	--	2716 - SPAN 38", RISE 24"	4710 - SPAN 38", RISE 24"	615.29	YES	YES		FLAT
4711	CB TA 4 DIA T20F&G	579+50	1.5	RT	--	--	--	612.79	--	--	--	4711 - DIA 15"	618.90	YES	YES		TAPERED
4712	CB TA 4 DIA T20F&G	581+50	1.5	RT	--	--	--	616.34	--	--	--	4712 - DIA 15"	622.85	YES	YES		TAPERED
4713	CB TA 4 DIA T20F&G	584+00	1.5	RT	--	--	--	620.54	--	--	--	4713 - DIA 15"	626.54	YES	YES		TAPERED
4714	CB TA 4 DIA T20F&G	586+45	1.5	RT	--	--	--	624.48	--	--	--	4714 - DIA 15"	628.95	YES	--		FLAT
2800GR	GRT-C FL END S EQV 30	580+48	146.0	RT	--	--	--	--	--	--	--	--	--	--	--	--	--

PLOT DATE = #DATE#  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#  
 .\\D:\B1\B1\B1.DGN, .\\D:\B1\B1\B1.DGN, .\\D:\B1\B1\B1.DGN, .\\D:\B1\B1\B1.DGN, .\\D:\B1\B1\B1.DGN  
 6-28-2006, 10:03:13 GARCIAZ \$\$\$\$\$\$



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DRAINAGE SCHEDULE PROPOSED STRUCTURES**

SCALE: \_\_\_\_\_ DRAWN BY: SN  
 DATE: 07/05/06 CHECKED BY: TKL

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



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	193
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		PSCH 01 OF 02		

PIPE SCHEDULE

PIPE NUMBER	SHEET NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	TRENCH BACKFILL (CU YD)	STORM SEWER (FEET)																PIPE SLOPE															
					CLASS A																															
					TYPE 1								TYPE 2																							
					12 in	15 in	18 in	21 in	24 in	30 in	14x23 ELL	19x30 ELL	22x34 ELL	24x38 ELL	34x53 ELL	12 in	15 in	18 in	21 in	24 in		27 in	36 in													
1	DRU-1	2	1	0																3															0.33%	
2	DRU-1	1	3	40																	297														0.44%	
3	DRU-2	4	3	1																	3														0.33%	
4	DRU-2	3	5	67																	297														0.66%	
5	DRU-2	6	5	1																	3														0.33%	
6	DRU-2	5	7	88																			207												0.32%	
7	DRU-2	8	7	1																	3														1.00%	
8	DRU-2	9	7	20																					65										0.22%	
9	DRU-2	10	9	1																	3														1.00%	
10	DRU-2	11	9	247																						322									0.50%	
11	DRU-2	12	11	0																															0.67%	
12	DRU-2	13	11	224																															0.50%	
13	DRU-2	14	13	0																															0.67%	
14	DRU-2	15	13	68																															0.75%	
15	DRU-3	16	15	0																															0.67%	
16	DRU-3	18	17	0																															1.00%	
17	DRU-3	17	19	71																															0.44%	
18	DRU-3	20	19	0																															1.00%	
19	DRU-3	19	21	103																															0.75%	
20	DRU-3	22	21	0																															1.00%	
21	DRU-3	21	23	224																															0.50%	
22	DRU-3	24	23	0																															1.00%	
23	DRU-3	23	25	265																															0.50%	
24	DRU-2	7	121	22																															3.75%	
25	DRU-4	26	25	1																															1.00%	
26	DRU-4	25	27	119																															0.50%	
27	DRU-4	28	27	0																															0.33%	
28	DRU-4	27	29	185																															0.20%	
29	DRU-4	30	29	1																															1.00%	
30	DRU-4	29	30a	17																															0.20%	
31	DRU-4	31	31a	15																															0.27%	
32	DRU-4	32	31	1																															0.33%	
33	DRU-4	33	31	18																															0.33%	
34	DRU-4	34	33	0																															0.33%	
35	DRU-4	35	33	31																															0.25%	
36	DRU-4	36	35	0																															0.33%	
37	DRU-4	37	35	37																															0.31%	
38	DRU-4	38	37	0																															0.33%	
39	DRU-5	39	37	43																															0.51%	
40	DRU-5	40	39	0																															0.33%	
41	DRU-5	42	41																																0.33%	
85	DRU-6	87	EXIST	74																															1.00%	
86	DRU-6	88	87	1																															0.33%	
87	DRU-6	89	87	103																																0.70%
88	DRU-6	90	89	0																																0.33%
89	DRU-6	91	89	71																																0.67%
90	DRU-6	92	91	1																																0.33%
91	DRU-7	94	93	0																																0.33%
92	DRU-7	93	95	68																																0.68%
93	DRU-7	96	95	0																																0.33%

**PD PARSONS BRINCKERHOFF**  
**SMITH ENGINEERING CONSULTANTS, INC.**  
 www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 DRAINAGE SCHEDULE - PIPES  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	194
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
PSCH 02 OF 02				

PIPE SCHEDULE

PIPE NUMBER	SHEET NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	TRENCH BACKFILL (CU YD)	STORM SEWER (FEET)														PIPE SLOPE									
					CLASS A																							
					TYPE 1					TYPE 2																		
					12 in	15 in	18 in	21 in	24 in	30 in	14x23 ELL	19x30 ELL	22x34 ELL	24x38 ELL	34x53 ELL	12 in	15 in	18 in		21 in	24 in	27 in	36 in					
94	DRU-7	95	97	107																						0.64%		
95	DRU-7	98	97	0																							0.33%	
96	DRU-7	97	99	73																							0.63%	
96a	DRU-7	100	99	0																							0.33%	
97	DRU-7	99	EXIST	27																							0.36%	
113	DRU-12	123	124	0	63																						0.32%	
203	DRU-8	204	205	0																							3.79%	
204	DRU-8	205	206	9																							0.49%	
205	DRU-8	205	207	4																							0.46%	
206	DRU-8	206	208	84																							0.48%	
207	DRU-8	207	209	109																							0.49%	
208	DRU-8	208	210	78																							0.49%	
209	DRU-8	209	211	97																							0.39%	
210	DRU-9	210	212	58																							0.46%	
211	DRU-9	211	213	84																							0.51%	
212	DRU-9	212	214	38																							0.25%	
213	DRU-9	213	215	49																							0.34%	
214	DRU-9	214	216	24																							0.20%	
215	DRU-9	215	217	36																							0.20%	
216	DRU-9	216	218	10																							0.22%	
217	DRU-9	217	219	22																							0.30%	
218a	DRU-9	218	218a	6																							0.20%	
218	DRU-9	220	218	6																							0.26%	
219	DRU-9	221	219	9																							0.26%	
220	DRU-9	222	220	12																							0.32%	
221	DRU-9	223	221	21																							0.32%	
222	DRU-9	224	222	26																							0.44%	
223	DRU-9	225	223	37																							0.44%	
224	DRU-10	227	226	50																							0.65%	
224a	DRU-10	226a	226	0																							1.00%	
225	DRU-10	228	227	1																							1.00%	
226	DRU-10	226	BRIDGE	8																							0.50%	
227	DRU-10	230	229	0																							0.22%	
228	DRU-10	231	227	59																							0.69%	
229	DRU-10	232	231	0																							1.00%	
230	DRU-10	233	FES	6																							0.17%	
231	DRU-10	234	233	1																							1.00%	
232	DRU-10	235	233	51																							0.38%	
233	DRU-10	236	235	0																							1.00%	
234	DRU-10	237	235	36																							1.15%	
235	DRU-10	238	237	0																							1.00%	
236	DRU-9	219	218	1																							0.33%	
TOTAL					3474	484	294	197	247	162	65	0	0	0	0	0	0	0	0	0	2537	1540	2955	1527	773	326	160	

**PD PARSONS BRINCKERHOFF**  
**SMITH ENGINEERING CONSULTANTS, INC.**  
 www.smithengineering.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE SCHEDULE - PIPES**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	195
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
RSCH 01 OF 01				

DRAINAGE STRUCTURE REMOVAL SCHEDULE

SHEET	STATION	OFFSET (FT)	CONCRETE HEADWALL REMOVAL (EACH)	REMOVAL ( R )				ADJUST (ADJ)		FRAMES AND GRATES TO BE ADJUSTED (EACH)	DRAIN. STRUCTURES TO BE CLEANED ( C ) (EACH)	PIPES TO BE CLEANED (CLN) (FOOT)
				MANHOLE (EACH)	PRC FES (EACH)	STORM SEWER						
						15"	18"	24"	30"			
DRU-02	598+60	3' L	1									
DRU-02	598+60	CL					110					
DRU-02	598+60	118' L	1									
DRU-04	629+30	CL		1								
DRU-04	629+30	CL					53					
DRU-04	631+50	53' L										30" / 115'
DRU-04	631+50	CL					100					
DRU-04	631+74	CL	1									
DRU-05	642+67	CL										30" / 146'
DRU-05	642+67	CL										30" / 50'
DRU-05	643+25	CL			1							
DRU-05	643+25	CL				20						
DRU-06	701+52	CL										30" / 151'
DRU-06	701+52	95' R										30" / 37'
DRU-06	701+52	95' L										30" / 38'
DRU-06	701+54	CL				20						
DRU-06	701+75	CL		1								
DRU-07	721+55	CL										36" / 140'
DRU-07	721+55	95' R										36" / 50'
DRU-07	721+55	95' L										36" / 43'
DRU-07	721+55	72' L	1									
DRU-09	766+50	CL	1			63						
DRU-10	773+00	CL						82				
DRU-10	773+50	CL							1			
DRU-10	779+50	68' L	1									
DRU-10	780+00	65' L					163					
DRU-10	781+00	62' L	1									
DRU-10	782+00	CL				60						
DRU-10	782+00	80' L	1									
DRU-10	782+50	64' R										24" / 130'
DRU-10	783+00	84' L										24" / 100'
DRU-10	783+95	77' L								1		
TOTALS			8	2	1	103	323	163	82	1	1	1000



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE SCHEDULE - REMOVALS**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	196
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		SSCH 01 OF 02		

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	SHEET NUMBER	LOCATION			INLET BOX STANDARD 542531	MANHOLES					PRECAST F.E.S.	DRAINAGE STRUCTURE TY 8x3, W/TWO TY 20 F&G	CATCH BASINS				REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 18" RISER	REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 18" RISER	RIM ELEV	INVERT ELEVATIONS													
		STATION	OFFSET (FT)	SIDE		TYPE A			TYPE A				TYPE 20 FRAME & GRATE							NORTH	SOUTH	EAST	WEST	SOUTH EAST	NORTH EAST	SOUTH WEST	NORTH WEST						
						TY 1 F CL			TY B F	TY C Y			TY B F	TY C Y	TY B F	TY C Y																	
						4 FT	5 FT	6 FT																				4 FT	5 FT	6 FT	8 FT		
1	DRU 1	590+50	1.5	LT								1					629.59	625.34		625.34													
2	DRU 1	590+50	1.5	RT								1					629.74				625.35												
3	DRU 2	593+50	1.5	LT								1					628.02	622.32	624.02	622.32													
4	DRU 2	593+50	1.5	RT								1					628.04				622.33												
5	DRU 2	596+50	3	LT								1					624.73	616.68	620.35	617.18													
6	DRU 2	596+50	3	RT								1					624.29				617.19												
7	DRU 2	598+60	3	LT									1				622.5	616.01	616.01	617.01	616.01												
8	DRU 2	598+60	3	RT								1					622.05				617.04												
9	DRU 2	599+25	3	LT									1				622.44	616.4	616.15	617.15													
10	DRU 2	599+25	3	RT								1					622.1				617.18												
11	DRU 2	602+50	3	LT									1				627.45	622.54	617.9	623.04													
12	DRU 2	602+50	3	RT								1					626.98				623.06												
13	DRU 2	605+50	3	LT								1					634.38	629.77	624.04	629.76													
14	DRU 2	605+50	3	RT								1					633.71				629.78												
15	DRU 3	608+00	3	LT								1					638.17		631.65	633.64													
16	DRU 3	608+00	3	RT								1					637.59				633.66												
17	DRU 3	611+50	3	LT								1					638.32	631.95		633.87													
18	DRU 3	611+50	3	RT								1					638.14				633.9												
19	DRU 3	614+50	3	LT								1					634.64	626.07	630.63	630.07													
20	DRU 3	614+50	3	RT								1					634.52				630.1												
21	DRU 3	617+50	3	LT								1					627.82	617.54	623.82	623.04													
22	DRU 3	617+50	3	RT								1					627.56				623.07												
23	DRU 3	620+50	3	LT									1				620.55	609.23	616.05	615.98													
24	DRU 3	620+50	3	RT								1					620.39				616.01												
25	DRU 4	623+50	3	LT									1				613.35	604.47	607.72	608.47													
26	DRU 4	623+50	3	RT								1					613.03				608.5												
27	DRU 4	626+50	1.5	LT									1				608.18	598.73	602.98	603.98													
28	DRU 4	626+50	1.5	RT								1					608.09				603.99												
29	DRU 4	629+25	1.5	LT									1				606.39	598.18	598.18	601.83													
30	DRU 4	629+25	1.5	RT								1					606.26				601.86												
30a	DRU 4	629+85	5.5	LT									1								597.81												
31a	DRU 4	630+29	6.5	LT										1							598.15												
31	DRU 4	631+00	1.5	LT										1			605.33	600.33	598.35	599.35													
32	DRU 4	631+00	1.5	RT								1					605.15				599.36												
33	DRU 4	632+00	1.5	LT									1				605.66	600.91	600.66	601.66													
34	DRU 4	632+00	1.5	RT								1					605.52				601.67												
35	DRU 4	634+50	1.5	LT									1				606.31	601.79	601.54	602.29													
36	DRU 4	634+50	1.5	RT								1					606.33				602.3												
37	DRU 5	637+00	1.5	LT								1					607.43	602.81	602.56	603.06													
38	DRU 5	637+00	1.5	RT								1					607.3				603.07												
39	DRU 5	640+00	1.5	LT								1					608.6		604.35	604.6													
40	DRU 5	640+00	1.5	RT								1					608.56				604.61												
41	DRU 5	642+75		RT									1				610.16	602.64		602.64	602.57												
42	DRU 5	642+86		RT	1																602.68												
86	DRU 6	701+53	3	LT																	615.97												
87	DRU 6	702+00	1.5	LT								1					628.79	624.54	616.42	623.7													
88	DRU 6	702+00	1.5	RT								1					628.81				623.71												
89	DRU 6	705+00	1.5	LT								1					634.76	630.76	626.65	630.76													
90	DRU 6	705+00	1.5	RT								1					634.96				630.77												
91	DRU 6	708+00	1.5	LT								1					639.16		632.79	632.79													
92	DRU 6	708+00	1.5	RT								1					639.2				632.8												
93	DRU 7	713+00	1.5	LT								1					639.63	633.47		635.55													
94	DRU 7	713+00	1.5	RT								1					639.59				635.56												



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE SCHEDULE - STRUCTURES**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	197
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SSCH 02 OF 02				

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	SHEET NUMBER	LOCATION			INLET BOX STANDARD 542531	MANHOLES			PRECAST F.E.S.					DRAINAGE STRUCTURE TY 8x3, W/TWO TY 20 F&G	CATCH BASINS				TY 8 F REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 18" RISER	TY C REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 18" RISER	RIM ELEV	INVERT ELEVATIONS														
		STATION	OFFSET (FT)	SIDE		TYPE A			TY 20 FRAME & GRATE						TY 8 F	TY C	NORTH	SOUTH				EAST	WEST	SOUTH EAST	NORTH EAST	SOUTH WEST	NORTH WEST									
						4 FT	5 FT	6 FT	4 FT	5 FT	6 FT	8 FT																								
95	DRU 7	716+00	1.5	LT											1			635.44	626.88	631.44	631.44															
96	DRU 7	716+00	1.5	RT											1			635.61				631.45														
97	DRU 7	719+00	1.5	LT											1			629.21	621.76	624.96	625.21															
98	DRU 7	719+00	1.5	RT											1			629.32				625.22														
99	DRU 7	721+35	1.5	LT											1			625.06	614.4	620.29	620.79															
100	DRU 7	721+35	1.5	RT											1			625.27				620.8														
101	DRU 7	721+55	3	LT																																
118	DRU 7	721+56	76	LT																																
121	DRU 2	598+70	128	LT						1								611				613.9														
123	DRU 12	889+36	125	LT														602.5																		
124	DRU 12	889+04	72	LT						1																										
204	DRU 8	751+20		RT	1																															
205	DRU 8	751+65	1.5	LT		1												618.5	613.32	615.75																
206	DRU 8	752+00	1.5	LT											1			618.88	613.23	613.23																
207	DRU 8	752+00	1.5	RT											1			618.88	612.27	614.52																
208	DRU 8	755+00	1.5	LT											1			617.44	611.7	611.95																
209	DRU 8	755+00	1.5	RT											1			617.59	611.47	611.47																
210	DRU 9	758+00	1.5	LT											1			615.98	610.91	610.91																
211	DRU 9	758+00	1.5	RT											1			616.43	610.4	610.65																
212	DRU 9	761+00	1.5	LT												1		614.59	609.74	609.99																
213	DRU 9	761+00	1.5	RT												1		614.9	609.77	609.77																
214	DRU 9	763+50	1.5	LT												1		613.59	609.22	609.22																
215	DRU 9	763+50	1.5	RT												1		614.06	609.25	609.25																
216	DRU 9	765+50	1.5	LT												1		613.19	608.81	608.81																
217	DRU 9	765+50	1.5	RT												1		613.69	608.55	608.8																
218	DRU 9	766+55	1.5	LT												1		613.16	608.83	608.58	608.33	607.83														
218a	DRU 9	766+55	66.5	LT							1																									
219	DRU 9	766+55	1.5	RT												1		613.66	608.34	608.34	607.7	608.34														
220	DRU 9	767+00	1.5	LT												1		613.16	609.21	608.76																
221	DRU 9	767+00	1.5	RT												1		613.66	609.22	608.97																
222	DRU 9	768+50	1.5	LT												1		613.24	609.94	609.69																
223	DRU 9	768+50	1.5	RT												1		613.8	609.95	609.7																
224	DRU 9	770+50	1.5	LT												1		613.72		610.82																
225	DRU 9	770+50	1.5	RT												1		614.3		610.83																
226	DRU 10	773+20	1.5	LT												1		614.92	608.85	608.6	610.91															
226a	DRU 10	773+20	1.5	RT												1		615.27				610.94														
227	DRU 10	776+61	1.5	LT												1		615.95	611.3	611.05	611.95															
228	DRU 10	776+61	1.5	RT												1		618.08				611.98														
229	DRU 10	779+25	70	LT												1																				
230	DRU 10	781+00	70	LT												1																				
231	DRU 10	779+00	1.5	LT												1		619.81		613.22	615.81															
232	DRU 10	779+00	1.5	RT												1		620.28				615.84														
233	DRU 10	782+00	0.34	LT													1		623.33				619.86	619.86												
234	DRU 10	782+00	2.69	RT												1		623.59																		
235	DRU 10	784+00	1.5	LT													1		626.38				622.38	621.63	621.13											
236	DRU 10	784+00	1.5	RT												1		625.92																		
237	DRU 10	786+00	1.5	LT												1		628.6				624.6		623.34												
238	DRU 10	786+00	1.5	RT												1		629.04																		
239	DRU 10	782+00	62	LT													1						619.75													
TOTALS					2	1	1		1	3	1		1	3		65	21																			



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE SCHEDULE - STRUCTURES**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	198
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
USCH 01 OF 01				

PIPE UNDERDRAIN SCHEDULE

STATION	TO STATION	OFFSET (FT)	PIPE UNDERDRAINS 6" (FT)	PIPE UNDERDRAINS (SPECIAL) 6" (FT)
589+16	590+44	RT	128	
589+12	590+44	LT	128	
590+44	590+48	RT		4
590+44	590+48	LT		4
590+58	593+44	RT	286	
590+58	593+44	LT	286	
593+44	593+48	RT		4
593+44	593+48	LT		4
593+58	596+42	RT	284	
593+58	596+42	LT	284	
596+42	596+46	RT		4
596+42	596+46	LT		4
596+56	598+54	RT	198	
596+56	598+54	LT	198	
598+54	598+58	RT		4
598+54	598+58	LT		4
598+61	598+65	RT		4
598+61	598+65	LT		4
598+65	599+20	RT	55	
598+65	599+20	LT	55	
599+26	599+30	RT		4
599+26	599+30	LT		4
599+30	602+42	RT	312	
599+30	602+42	LT	312	
602+52	602+56	RT		4
602+52	602+56	LT		4
602+56	605+45	RT	289	
602+56	605+45	LT	289	
605+52	605+56	RT		4
605+52	605+56	LT		4
605+56	607+92	RT	236	
605+56	607+92	LT	236	
610+16	611+42	RT	126	
610+10	611+42	LT	132	
611+42	611+46	RT		4
611+42	611+46	LT		4
611+58	614+44	RT	286	
611+58	614+44	LT	286	
614+44	614+48	RT		4
614+44	614+48	LT		4
614+58	617+44	RT	286	
614+58	617+44	LT	286	
617+44	617+48	RT		4
617+44	617+48	LT		4
617+58	620+44	RT	286	
617+58	620+44	LT	286	
620+44	620+48	RT		4
620+44	620+48	LT		4
620+58	623+44	RT	286	
620+58	623+44	LT	286	
623+44	623+48	RT		4
623+44	623+48	LT		4
623+58	626+44	RT	286	
623+58	626+44	LT	286	
626+44	626+48	RT		4
626+44	626+48	LT		4
626+58	629+19	RT	261	
626+58	629+19	LT	261	
629+19	629+23	RT		4
629+19	629+23	LT		4
631+02	631+06	RT		4
631+02	631+06	LT		4
631+06	631+92	RT	86	
631+06	631+92	LT	86	
632+02	632+06	RT		4
632+02	632+06	LT		4
632+06	634+42	RT	236	
632+06	634+42	LT	236	
634+52	634+56	RT		4
634+52	634+56	LT		4
634+56	636+92	RT	236	
634+56	636+92	LT	236	
637+02	637+06	RT		4
637+02	637+06	LT		4
637+06	639+92	RT	286	
637+06	639+92	LT	286	

PIPE UNDERDRAIN SCHEDULE

STATION	TO STATION	OFFSET (FT)	PIPE UNDERDRAINS 6" (FT)	PIPE UNDERDRAINS (SPECIAL) 6" (FT)
640+02	640+06	RT		4
640+02	640+06	LT		4
640+06	641+00	RT	94	
640+06	641+00	LT	94	
699+30	699+40	RT		10
699+30	699+40	LT		10
699+40	702+02	RT	262	
699+40	702+02	LT	262	
702+02	702+06	RT		4
702+02	702+06	LT		4
702+06	704+92	RT	286	
702+06	704+92	LT	286	
705+02	705+06	RT		4
705+02	705+06	LT		4
705+06	707+92	RT	286	
705+06	707+92	LT	286	
711+35	712+94	RT	159	
711+35	712+94	LT	159	
712+94	712+98	RT		4
712+94	712+98	LT		4
713+08	715+94	RT	286	
713+08	715+94	LT	286	
715+94	715+98	RT		4
715+94	715+98	LT		4
716+08	718+94	RT	286	
716+08	718+94	LT	286	
718+94	718+98	RT		4
718+94	718+98	LT		4
719+08	721+27	RT	219	
719+08	721+54	LT	246	
721+54	721+58	RT		4
751+75	751+94	RT	19	
751+75	751+94	LT	19	
751+94	751+98	RT		4
751+94	751+98	LT		4
752+08	754+94	RT	286	
752+08	754+94	LT	286	
754+94	754+98	RT		4
754+94	754+98	LT		4
755+08	757+94	RT	286	
755+08	757+94	LT	286	
757+94	757+98	RT		4
757+94	757+98	LT		4
758+08	760+94	RT	286	
758+08	760+94	LT	286	
760+94	760+98	RT		4
760+94	760+98	LT		4
761+08	763+44	RT	236	
761+08	763+44	LT	236	
763+44	763+48	RT		4
763+44	763+48	LT		4
763+58	765+44	RT	186	
763+58	765+44	LT	186	
765+44	765+48	RT		4
765+44	765+48	LT		4
765+58	766+44	RT	86	
765+58	766+44	LT	86	
766+44	766+48	RT		4
766+44	766+48	LT		4
766+52	766+56	RT		4
766+52	766+56	LT		4
766+56	766+92	RT	36	
766+56	766+92	LT	36	
767+02	767+06	RT		4
767+02	767+06	LT		4
767+06	768+42	RT	136	
767+06	768+42	LT	136	
768+52	768+56	RT		4
768+52	768+56	LT		4
768+56	770+42	RT	186	
768+56	770+42	LT	186	
770+52	770+56	RT		4
770+52	770+56	LT		4
770+56	771+70	RT	114	
770+56	771+70	LT	114	
770+56	771+80	RT	124	
770+56	771+80	LT	124	
773+22	773+26	RT		4
773+22	773+26	LT		4
TOTALS			18793	352

PIPE UNDERDRAIN SCHEDULE

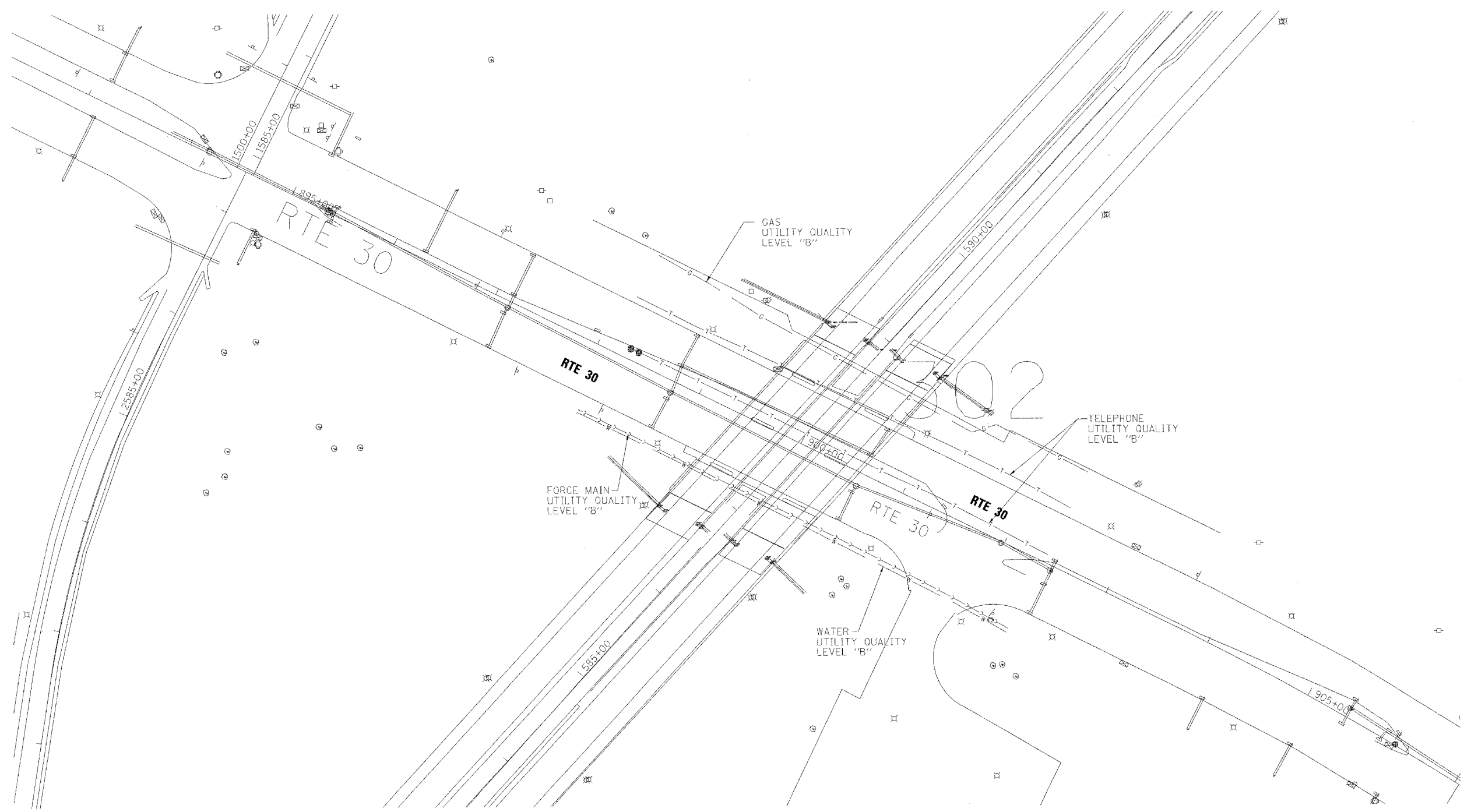
STATION	TO STATION	OFFSET (FT)	PIPE UNDERDRAINS 6" (FT)	PIPE UNDERDRAINS (SPECIAL) 6" (FT)
773+22	773+26	RT		4
773+26	776+40	LT	314	
773+26	776+40	RT	314	
776+65	778+82	LT	217	
776+65	778+82	RT	217	
779+02	779+06	LT		4
779+02	779+06	RT		4
779+06	781+86	LT	280	
779+06	781+86	RT	280	
781+94	781+98	LT		4
781+94	781+98	RT		4
781+98	783+92	LT	194	
781+98	783+92	RT	194	
784+02	784+06	LT		4
784+02	784+06	RT		4
784+06	785+92	LT	186	
784+06	785+92	RT	186	
786+02	786+06	LT		4
786+02	786+06	RT		4
TOTALS			18793	352



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
**DRAINAGE SCHEDULE -  
 PIPE UNDERDRAIN**  
 SCALE: 1" = 50'  
 DATE: 07/21/2006  
 DRAWN BY: JPA  
 CHECKED BY: TEH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99 (1&2) WRS-1	Will	Will	505	199
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.


Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245  
 TBE SUE PAGE NO: 25 of 29  
 Checked by: \_\_\_\_\_  
 Utility Quality Level "A" : Test Holes  
 Utility Quality Level "B" : Designating

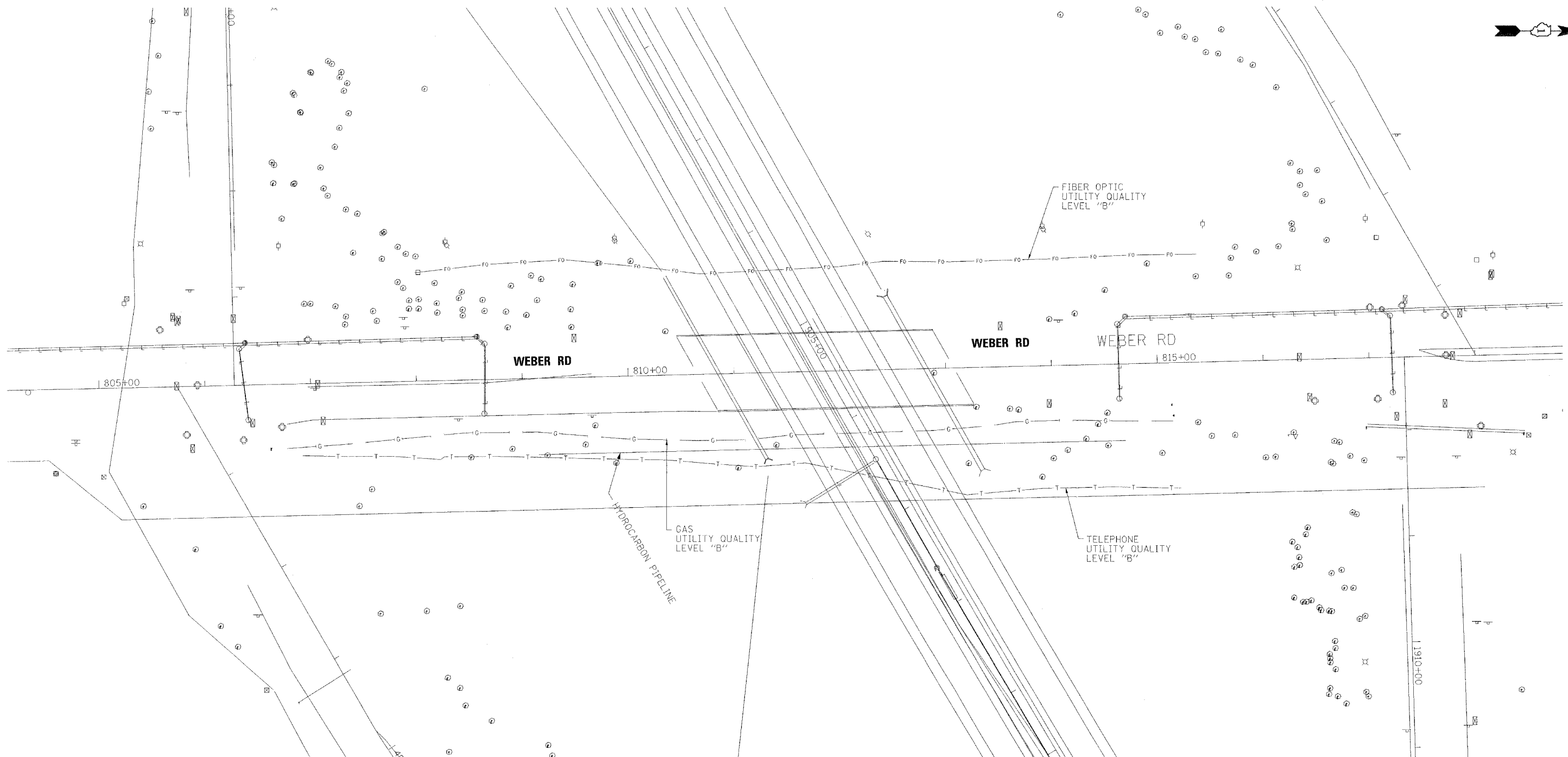
	FORCE MAIN
	TELEPHONE
	WATER
	GAS
	CABLE TELEVISION
	FIBER OPTIC
	ELECTRIC
	TEST HOLE

  
 205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-55/I-80 from US RT. 30 to Weber Road  
 Section No. 99 (1&2) WRS-1  
 Contract No. 62895 and 62896  
 Will County  
 SOL "B" DATE : 1/17/06  
 DRAWN BY : KLC  
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (1&2) WRS-1	WILL	505	200
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.


Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



**TBE GROUP, INC.**  
 CIVIL ENGINEERING \* TRANSPORTATION \* ENVIRONMENTAL  
 \* PLANNING \* UTILITY ENGINEERING \* LOCATING

IL09500132, 142, 158, 229, 245  
 TBE SUE PAGE NO: 29 of 29  
 Checked by: \_\_\_\_\_  
 Utility Quality Level "A" : Test Holes  
 Utility Quality Level "B" : Designating

—>>>>>>>>>>>>	FORCE MAIN
— T — T —	TELEPHONE
— W —	WATER
— G —	GAS
— CTV — CTV —	CABLE TELEVISION
— FO — FO —	FIBER OPTIC
— E — E —	ELECTRIC
⊙	TEST HOLE

  
 205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUE Investigation of Underground Utilities  
 I-55/I-80 from US RT. 30 to Weber Road  
 Section No. 99 (1&2) WRS-1  
 Contract No. 62895 and 62896  
 Will County  
 SOL "B" DATE : 1/17/06  
 DRAWN BY : KLC  
 SCALE : 1" = 50'