

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	1

\* FAP ROUTE 320 AT FAU ROUTE 7706  
 \*\* (103, 22) I, N, TS

D-96-533-04

72900

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

FAP ROUTE 320 (IL 10 /IL 121 /WOODLAWN RD.)  
 AT FAU ROUTE 7706 (OLD US 66/LINCOLN PKWY.)

SECTION (103, 22) I, N, TS  
 PROJECT: F-0320(033)

LOGAN COUNTY  
 C-96-509-06

INTERSECTION IMPROVEMENTS & TRAFFIC SIGNALS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION

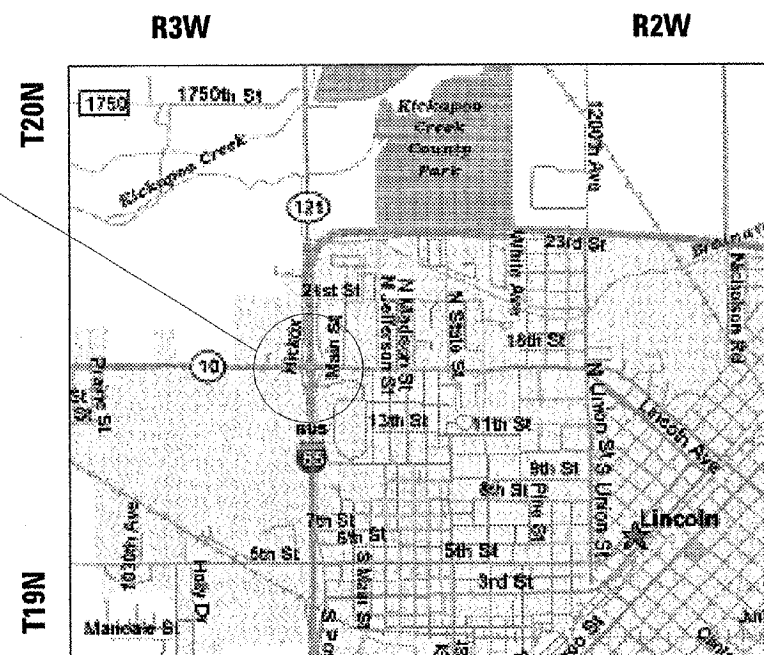
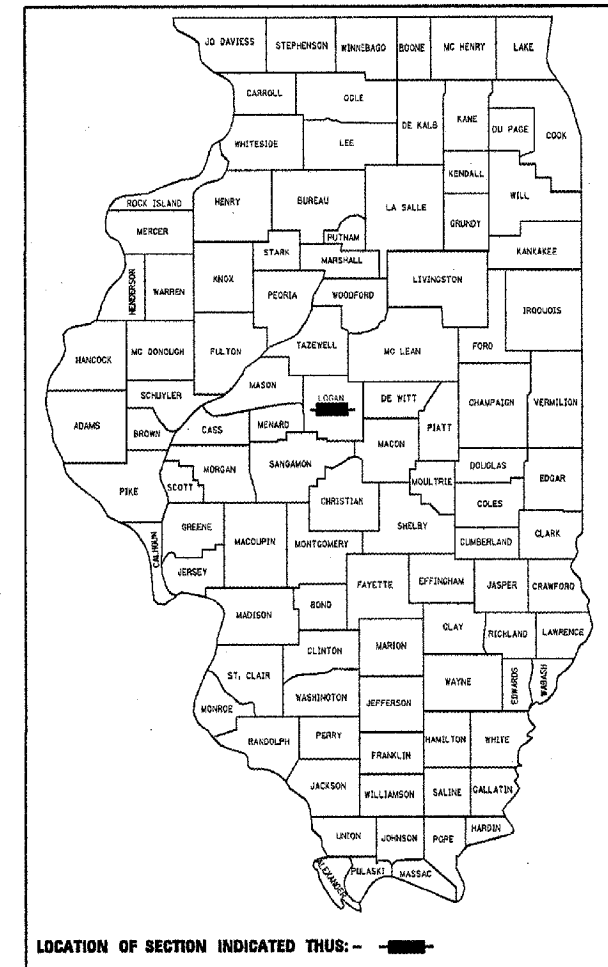
FAP ROUTE 320: MINOR ARTERIAL  
 FAU ROUTE 7706: MINOR ARTERIAL

ADT (2005) - 21,300  
 ADT (2025) - 25,600

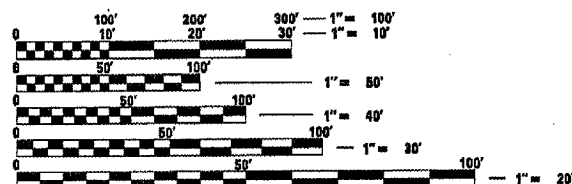
PV - 95.7%  
 SU - 2.3%  
 MU - 2.0%

DESIGN SPEED - 30 MPH (IL 10/121)  
 - 45 MPH (OLD US 66)

POSTED SPEED - 30 MPH (IL 10/121)  
 - 45 MPH (OLD US 66)



PROJECT LOCATION  
IL 10/121 (WOODLAWN RD.)  
 BEGIN STA. 133 + 71.35  
 END STA. 143 + 90.83  
OLD U.S. 66/LINCOLN PKWY  
 BEGIN STA. 6 + 60.00  
 END STA. 1758 + 07.50  
STA. EQUATION  
 STA. 0 + 00.56 (BK) =  
 STA. 1762 + 29.39 (AH)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123

CONTRACT NO. 72900

TOTAL /NET LENGTH OF SECTION = 1,019.48 FEET = 0.193 MILES

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED MARCH 23, 2007  
Chris H. Reed  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11, 2007  
Eric Horn  
 ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2007  
Melton R. Sees, P.E.  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

SQUAD LEADER-VICTOR YOUNG 217-557-7897

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\* FAP ROUTE 320 AT FAU ROUTE 7706

\*\* (103, 22) I. N. TS

CONTRACT NO. 72900

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS
- 3 - 11 SUMMARY OF QUANTITIES
- 12 - 18 TYPICAL SECTIONS
- 19 - 23 SCHEDULE OF QUANTITIES
- 24 - 25 CROSS TIES & BENCHMARKS
- 26 - 31 PLAN & PROFILE SHEETS
- 32 - 35 REMOVAL ITEMS
- 36 - 43 DRAINAGE DETAILS
- 44 - 45 RIGHT-OF-WAY PLAN SHEETS
- 46 - 47 INTERSECTION DETAILS
- 48 - 50 ISLAND AND MEDIAN DETAILS
- 51 - 54 PAVEMENT MARKING DETAILS
- 55 - 68 TRAFFIC SIGNAL DETAILS & SIGN DETAIL
- 69 - 70 MISCELLANEOUS DETAILS
- 71 - 76 STORM WATER POLLUTION PREVENTION PLAN
- 77 - 111 CROSS SECTIONS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS

GENERAL NOTES

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.

THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEAL LEVEL DATUM.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCE, TURN LANES, ETC. WILL BE ALLOWED.

ALL REFERENCES IN THE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT".

RATES OF APPLICATION

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

- PRIMECOAT (BITUMINOUS) 0.00038 TON/SY
- PRIMECOAT (AGGREGATE) 4 LBS/SQ.YD. = 0.002 TON/SY
- BITUMINOUS SURFACE OR BINDER - 2.016 TONS/CY.
- AGGREGATE - 2.05 TONS/CY.
- SEEDING, CLASS 2:
- FERTILIZER RATIO 1:1:1 RATE: 270 LBS/ACRE (90% OF NITROGEN, 90% OF PHOSPHOROUS, 90% OF POTASSIUM)
- AGRICULTURAL GROUND LIMESTONE: 2 TON/ACRE
- MULCH: 2 TON/ACRE

HIGHWAY STANDARDS

MIXTURE REQUIREMENTS

000001-04	LOCATION(S):	BIT CONC SURF CSE	
280001-03	MIXTURE USE(S):	SBS PG 70-22	
602301-01	PG:	0 %	
602306-01	R.A.P. % (MAX.):	4.0 @ N design = 70	
606001-03	DESIGN AIR VOIDS:	IL 9.5 OR 12.5	
606301-03	MIXTURE COMPOSITION	MIX "D"	
701426-02	(Gradation Mixture):		
701701-04	FRICITION AGGREGATE:		
701801-03			
702001-06	LOCATION(S):	Level Binder	
720016-01	MIXTURE USE(S):	PG 64-22	
780001-01	PG:	15%	
781001-02	R.A.P. % (MAX.):	4.0 @ N design = 70	
857001	DESIGN AIR VOIDS:	IL 9.5	
877011-02	MIXTURE COMPOSITION	N/A	
878001-05	(Gradation Mixture):		
880001	FRICITION AGGREGATE:		
880006	LOCATION(S):	Incidental Surface	
	MIXTURE USE(S):	PG 64-22	
	PG:	15%	
	R.A.P. % (MAX.):	4.0 @ N design = 50	
	DESIGN AIR VOIDS:	IL 9.5 or 12.5	
	MIXTURE COMPOSITION	MIX C	
	(Gradation Mixture):		
	FRICITION AGGREGATE:		
	LOCATION(S):	Bituminous Shoulders	
	MIXTURE USE(S):	PG 58-22	
	PG:	15%	
	R.A.P. % (MAX.):	2.0 @ N design = 30	
	DESIGN AIR VOIDS:	BAM	
	MIXTURE COMPOSITION	N/A	
	(Gradation Mixture):		
	FRICITION AGGREGATE:		

EXAMINED	Oct. 12	2005
<i>WR Jones</i>		
PROGRAM IMPLEMENTATION ENGINEER		
EXAMINED	November 3	2005
<i>William E. Motta</i>		
PROGRAM DEVELOPMENT ENGINEER		

DISTRICT SIX	
EXAMINED	September 28 2005
<i>Samuel A. Adams</i>	
OPERATIONS ENGINEER	

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
INDEX OF SHEETS, STANDARDS LIST,  
COMMITMENTS, & GENERAL NOTES

SCALE: VERT.      DRAWN BY: NEE  
      HORZ.            CHECKED BY: VTY  
DATE:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	LOGAN	111	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**F**  
**80% FED. / 20% STATE**

- FAP ROUTE 320 AT FAU ROUTE 77066
- (103, 22), N, TS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)

CODE NO.	ITEM	UNIT	URBAN		Y031-1F
			TOTAL	I000-1A	
*X0321906	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	105	105	
X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)	FOOT	407.5		407.5
*X8170245	ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 3-1/C NO. 12	FOOT	968.5		968.5
20200100	EARTH EXCAVATION	CU YD	1,134.5	1,134.5	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	418.5	418.5	
20200600	EXCAVATING AND GRADING <sup>EXISTING</sup> SHOULDER	UNIT	15.9	15.9	
20800150	TRENCH BACKFILL	CU YD	163.8	163.8	
21400100	GRADING AND SHAPING DITCHES	FOOT	1,378	1,378	
25000200	SEEDING, CLASS 2	ACRE	0.5	0.5	

\* SPECIALTY ITEMS

PLOT DATE : 3/20/2007  
 FILE NAME : c:\p\proj\pct\14653304\hntzsummr.dwg  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : laughton1

REVISIONS	
NAME	DATE
TMJ	03-07

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

FAP ROUTE 320 (IL 10/121) AT  
FAU ROUTE 77066 (OLD US 66)  
LOGAN COUNTY

VERT. SCALE:      DRAWN BY: TMJ  
 HORIZ.              CHECKED BY: VTY  
 DATE: 03-21-06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

80% FED. / 20% STATE

- FAP ROUTE 320 AT FAU ROUTE 77066
- (103, 22)I, N, TS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)

CODE NO.	ITEM	UNIT	URBAN TOTAL	I000-1A	I000-1A	Y031-1F
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45		
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	45	45		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45		
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1	1		
25100115	MULCH, METHOD 2	ACRE	0.5	0.5		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	45	45		
28000300	TEMPORARY DITCH CHECKS	EACH	7	7		
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,973.7		1,973.7	
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	1,417.1		1,417.1	
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	256.8		256.8	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	7.5	7.5		
40600300	AGGREGATE (PRIME COAT)	TON	38	38		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,974.4		1,974.4	
40600990	TEMPORARY RAMP	SQ YD	228.6		228.6	

PLOT DATE : 3/20/2007  
FILE NAME : c:\temp\jst\0653304\ch\sumqty.dgn  
PLOT SCALE : 1/8"=1'-0"  
USER NAME : laughtinr1

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
FAP ROUTE 320 (IL 10/121) AT  
FAU ROUTE 77066 (OLD US 66)  
LOGAN COUNTY

SCALE: VERT.      DRAWN BY TMJ  
          HORIZ.      CHECKED BY VTY  
DATE 03-21-06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**F**  
**80% FED / 20% STATE**

- FAP ROUTE 320 AT FAU ROUTE 77066
- (103, 22)1, N, TS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)

CODE NO.	ITEM	UNIT	URBAN			
			TOTAL	I000-1A	I000-1A	Y031-1F
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	774.7	774.7		
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,549.6	1,549.6		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	75.5		75.5	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY, 8 INCH	SQ YD	223.4		223.4	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	440		440	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL 2"	SQ YD	13,327.1	13,327.1		
44000100	PAVEMENT REMOVAL	SQ YD	251.3		251.3	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	536.4	536.4		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,194		2,194	
44000600	SIDEWALK REMOVAL	SQ FT	312		312	
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	502.5		502.5	
44002000	CONCRETE CURB REMOVAL	FOOT	108		108	
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	1,983.5		1,983.5	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	442.6		442.6	
<b>48203006</b>	<b>HOT-MIX ASPHALT SHOULDERS, 2 1/4"</b>	<b>SQ YD</b>	<b>750.9</b>		<b>750.9</b>	
50105220	PIPE CULVERT REMOVAL	FOOT	81.5	81.5		

PLOT DATE: 3/20/2007  
 FILE NAME: c:\pavproj\4653381\hntsumm.dgn  
 PLOT SCALE: 1/8"=1'-0"  
 USER NAME: joughlin1

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
FAP ROUTE 320 (IL 10/121) AT  
FAU ROUTE 77066 (OLD US 66)  
LOGAN COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 03-21-06  
DRAWN BY: TMJ  
CHECKED BY: VTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	III	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* FAP ROUTE 320 AT FAU ROUTE 77066  
 \*\* (103, 22)I, N, TS

**80% FED. / 20% STATE**

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES						
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)						
CODE NO.	ITEM	UNIT	URBAN			
			TOTAL	I000-1A	I000-1A	Y031-1F
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	177	177		
<b>54213669</b>	<b>PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"</b>	<b>EACH</b>	<b>2</b>	<b>2</b>		
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	36	36		
<b>550A0050</b>	<b>STORM SEWERS, CLASS A, TYPE 1 12"</b>	<b>FOOT</b>	<b>574</b>	<b>574</b>		
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4	4		
60235900	INLETS, TYPE A, TYPE 5 FRAME, OPEN LID	EACH	1	1		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1		
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4	4		
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
60500060	REMOVING INLETS	EACH	9	9		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,298	1,298		
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	336	336		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	737	737		
60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	3,027	3,027		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		

PLOT DATE : 3/20/2007  
 FILE NAME : c:\projects\72900\72900.dwg  
 PLOT SCALE : 1/8" = 1' / IN.  
 USER NAME : taughnrv1

REVISIONS	
NAME	DATE
TMJ	03-07

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY  
 SCALE: VERT. HORIZ.  
 DATE 03-21-06  
 DRAWN BY TMJ  
 CHECKED BY VTY

F.A. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

80% FED. <sup>F</sup> 20% STATE

- FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 22)I, N, TS

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES						
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)						
CODE NO.	ITEM	UNIT	URBAN TOTAL	I000-1A	I000-1A	Y031-1F
67100100	MOBILIZATION	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	11	11		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,628		2,628	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	499.2		499.2	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	8,740		8,740	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2,634		2,634	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	803		803	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	252		252	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	219.1		219.1	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	876		876	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	20			20
* 72000200	SIGN PANEL - TYPE 2	SQ FT	52			52

\* SPECIALTY ITEMS.

PLOT DATE = 3/29/2007  
 FILE NAME = c:\p\projects\665328\summary.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = taughlinr1

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY

SCALE: VERT.  
 HORIZ.  
 DATE 03-21-06

DRAWN BY TMJ  
 CHECKED BY VTY

Rev.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

80% FED. / 20% STATE

- \* FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 221), N, TS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)

CODE NO.	ITEM	UNIT	URBAN TOTAL	I000-1A	I000-1A	Y031-1F
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	7,760		7,760	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	803		803	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	252		252	
78003100	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - LETTERS AND SYMBOLS	SO FT	499.2		499.2	
78003120	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - LINE 5"	FOOT	980		980	
78003130	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - LINE 6"	FOOT	2,634		2,634	
78003180	PREFORMED PLASTIC PAVEMENT MARKING TYPE B - LINE 24"	FOOT	219.1		219.1	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	91		91	
* 78200300	PRISMATIC CURB REFLECTOR	EACH	66		66	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	91		91	
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1
* 81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	24.5			24.5
* 81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	55			55
* 81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	434			434
* 81020700	CONDUIT PUSHED, 3" DIA., INTERMEDIATE METAL	FOOT	140			140

\* SPECIALTY ITEMS

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

FAP ROUTE 320 (IL 10/121) AT  
FAU ROUTE 77066 (OLD US 66)  
LOGAN COUNTY

SCALE: VERT.  
HORIZ.  
DATE 03-21-06

DRAWN BY TMJ  
CHECKED BY VTY

Rev.



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

80% FED. / 20% STATE

- \* FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 22)I, N, TS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)

CODE NO.	ITEM	UNIT	URBAN TOTAL	I000-1A	I000-1A	Y031-1F
*81021570	CONDUIT, AUGURED 3" DIA., PVC	FOOT	174			174
*81021590	CONDUIT, AUGURED 4" DIA., PVC	FOOT	157			157
*81400100	HANDHOLE	EACH	3			3
*81400300	DOUBLE HANDHOLE	EACH	2			2
*81900200	TRENCH BACKFILL FOR ELECTRICAL WORK	FOOT	4,373.5			4,373.5
*81603025	UNIT DUCT, 600 V, 2-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1,110			1,110
*81603035	UNIT DUCT, 600 V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3,898			3,898
*82103900	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	14			14
*82104250	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOT-CELL CONTROL, 250 WATT	EACH	4			4
*82500605	LIGHTING CONTOLLER PHOTOCELL RELAY	EACH	1			1
*83034400	LIGHT POLE STEEL, 45' MH, TENON MOUNT	EACH	14			14
*83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	92			92
*83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	14			14
*84200500	REMOVAL OF EXISTING LIGHTING UNIT-SALVAGE	EACH	9			9
*84200805	POLE FOUNDATION REMOVED, METAL	EACH	9			9

\* SPECIALTY ITEMS

REVISIONS	
NAME	DATE
TMJ	03-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
FAP ROUTE 320 (IL 10/121) AT  
FAU ROUTE 77066 (OLD US 66)  
LOGAN COUNTY

SCALE: VERT.  
HORIZ.  
DATE 03-21-06

DRAWN BY TMJ  
CHECKED BY VTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	LOGAN	111	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FAP ROUTE 320 AT FAU ROUTE 77066  
 (103, 221, N, TS)

*80% FED / 20% STATE*

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 LOCATION OF WORK: IL 10/121 (WOODLAWN ROAD) AT OLD U.S. 66 (LINCOLN PARKWAY)

CODE NO.	ITEM	UNIT	URBAN TOTAL	1000-1A	1000-1A	Y031-1F
* 84500120	REMOVE ELECTRIC SERVICE INSTALLATION	EACH	1			1
* <b>84500110</b>	<b>REMOVAL OF LIGHTING CONTROLLER</b>	<b>EACH</b>	<b>1</b>			<b>1</b>
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	309			309
* <b>84500130</b>	<b>REMOVAL OF LIGHTING CONTROLLER FOUNDATION</b>	<b>EACH</b>	<b>1</b>			<b>1</b>
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	323			323
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,861			1,861
* 87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	840.5			840.5
* 87301525	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO 18 6PAIR	FOOT	968.5			968.5
* 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	2			2
* 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2			2
* 87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	48			48
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	13			13
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2			2
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1			1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	380			380
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1

\* SPECIALTY ITEMS

PLOT DATE : 3/20/2007  
 FILE NAME : c:\projects\72900\summary.dgn  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : taughtr1

REVISIONS	
NAME	DATE
TMJ	03-07

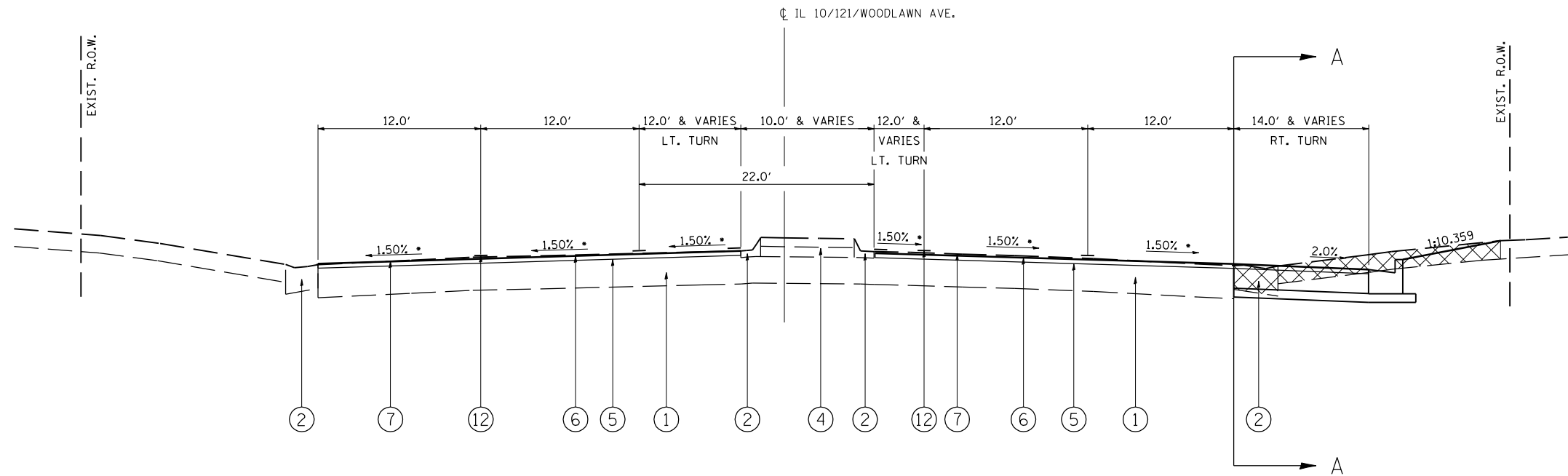
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY

SCALE: VERT.      DRAWN BY TMJ  
 HORIZ.            CHECKED BY VTY  
 DATE 03-21-06

*Rev.*



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) N, TS	LOGAN	111	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



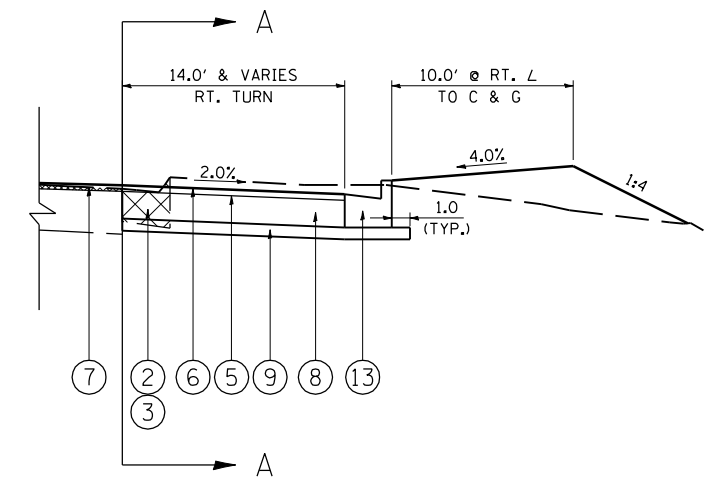
IL 10/121/WOODLAWN RD.

STA. 133+71.35 - STA. 136+25.00

\* MATCH EXISTING CROSS-SLOPE TO ALLOW BUTT JOINTS AT EDGE OF EXIST. GUTTER AS DIRECTED BY THE ENGINEER

LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06



DETAIL A-A

LT. STA. 135+92.94 TO STA. LT. 136+25.00  
 RT STA 133+88.30 TO RT STA 136+25.00

REVISIONS	
NAME	DATE

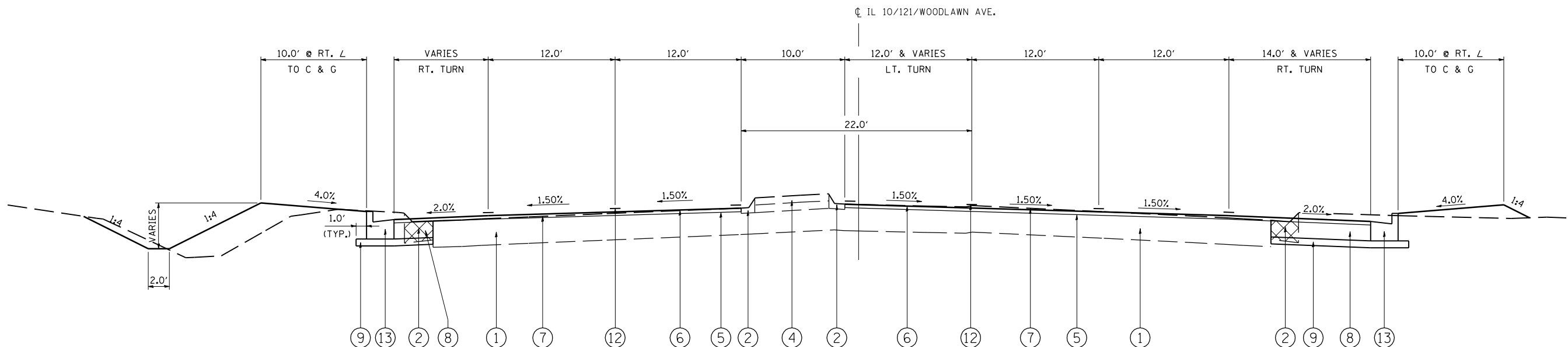
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
 (IL 10/121/WOODLAWN RD.)

SCALE: VERT.  
 HORIZ.  
 DATE: 06-23-05

DRAWN BY: TMJ  
 CHECKED BY: VTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) N, TS	LOGAN	111	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



IL 10/121/WOODLAWN RD.  
 STA. 136+25.00 TO STA. 137+86.63

LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06

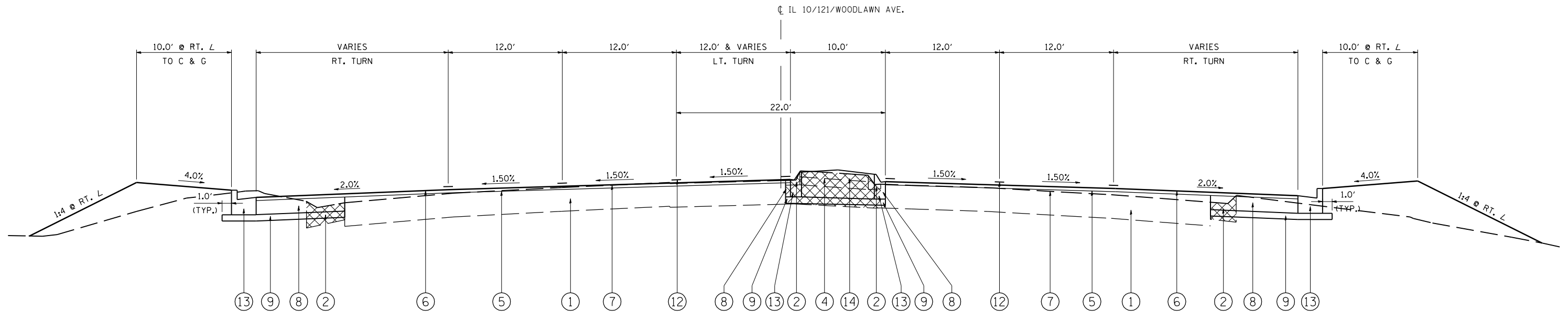
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTION  
 (IL 10/121/WOODLAWN RD.)

SCALE: VERT.  
 HORIZ.  
 DATE 06-23-05

DRAWN BY TMJ  
 CHECKED BY VTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) N, TS	LOGAN	111	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



IL 10/121/WOODLAWN AVE.  
 STA. 137+86.63 TO STA. 141+03.50

LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06

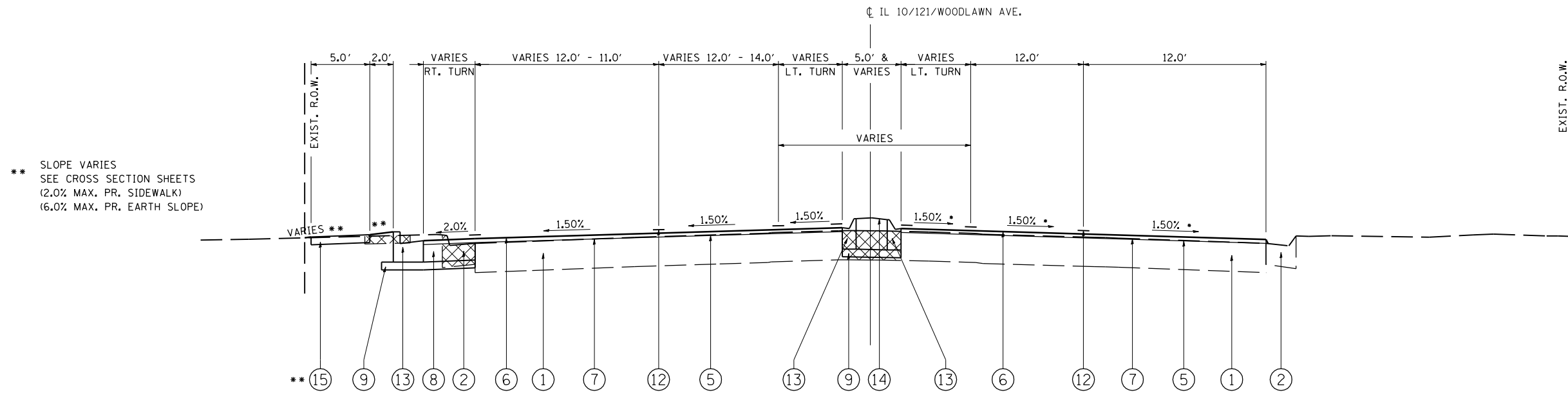
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTION  
 (IL 10/121/WOODLAWN AVE.)

SCALE: VERT.  
 HORIZ.  
 DATE 06-23-05

DRAWN BY TMJ  
 CHECKED BY VTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) N, TS	LOGAN	111	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



\*\* SLOPE VARIES  
SEE CROSS SECTION SHEETS  
(2.0% MAX. PR. SIDEWALK)  
(6.0% MAX. PR. EARTH SLOPE)

IL 10/121/WOODLAWN RD.

STA. 141+03.50 TO STA. 142+19.73

\* MATCH EXISTING CROSS-SLOPE TO ALLOW  
BUTT JOINTS AT EDGE OF EXIST. GUTTER  
AS DIRECTED BY THE ENGINEER

LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06
- ⑮ PROPOSED PCC SIDEWALK - 4"

REVISIONS	
NAME	DATE

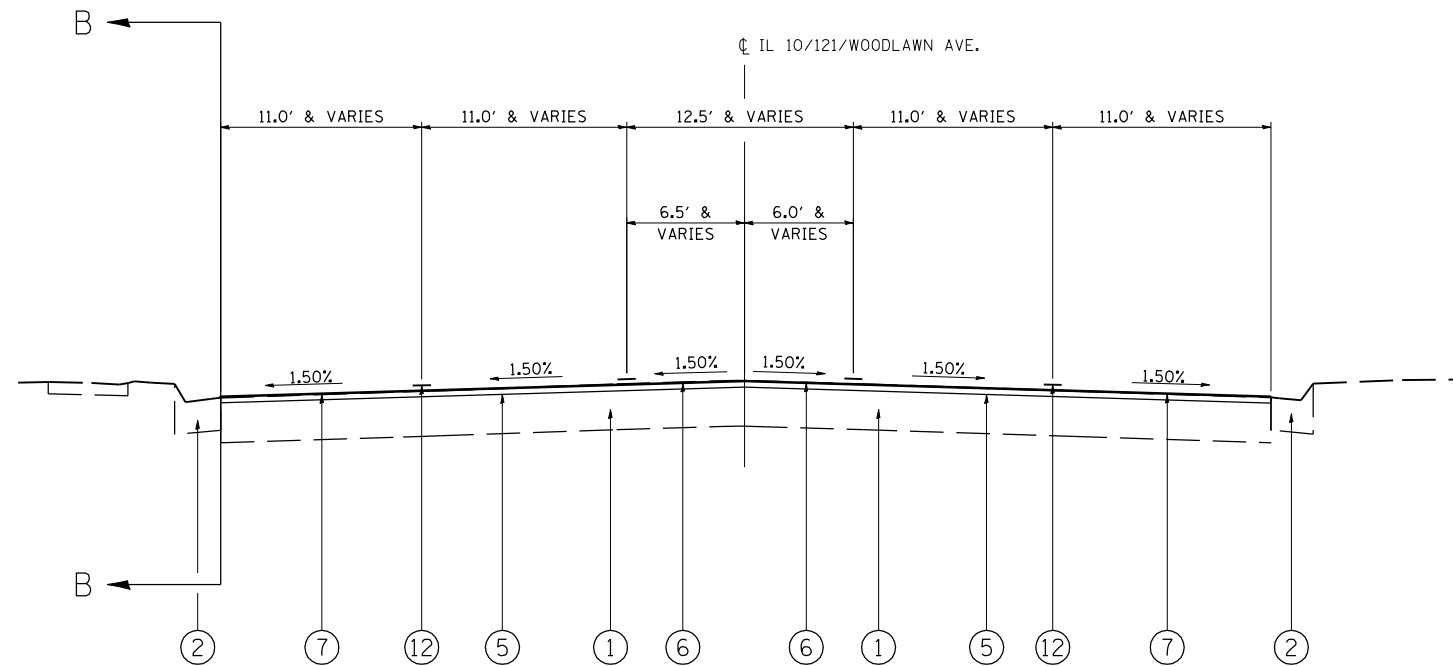
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
(IL 10/121/WOODLAWN RD.)

SCALE: VERT.  
HORIZ.  
DATE 06-23-05

DRAWN BY TMJ  
CHECKED BY VTY

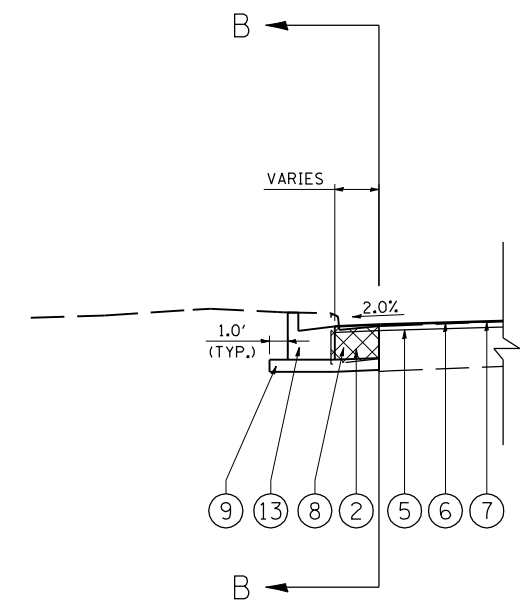
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) I, N, T, S	LOGAN	111	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



IL 10/121/WOODLAWN RD.  
STA. 142+19.73 TO STA. 143+90.83

LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06



DETAIL B-B

LT. STA. 142+19.73 TO LT. STA. 142+66.95

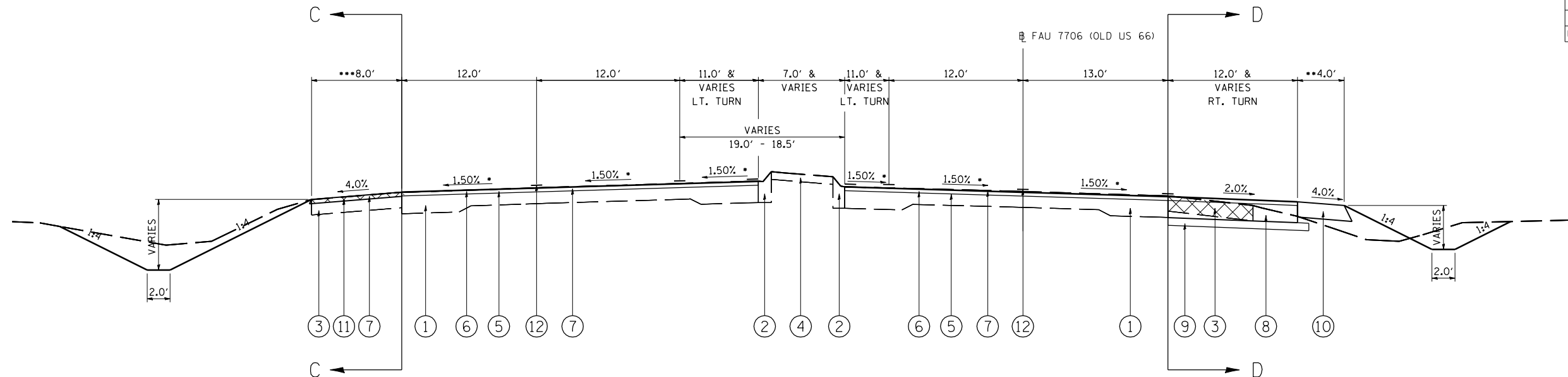
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTION  
(IL 10/121/WOODLAWN RD.)  
SCALE: VERT. / HORIZ. / DATE: 06-23-05  
DRAWN BY: TMJ  
CHECKED BY: VTY

PLOT DATE = 3/26/2007  
FILE NAME = c:\projects\65338A\httpiceladgn  
PLOT SCALE = 42.3525' / IN.  
REFERENCE = #REF#



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) N.T.S.	LOGAN	111	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

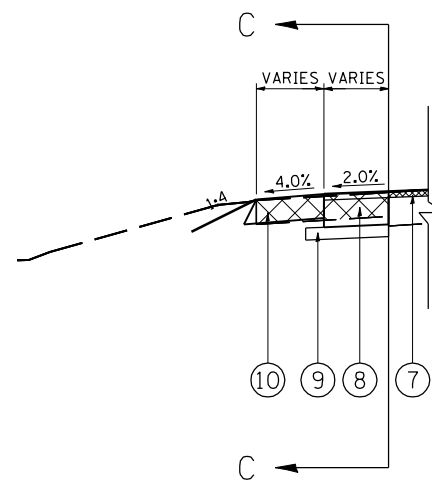


F.A.U. 7706 (OLD U.S. 66)  
 STA. 1758+07.50 TO STA. 1762+29.39

- \* MATCH EXISTING CROSS-SLOPE TO ALLOW BUTT JOINTS AT EDGE OF EXIST. GUTTER AS DIRECTED BY THE ENGINEER
- STA. 1758+07.50 TO STA. 1758+31.40 RT (8')
- \*\* STA. 1758+31.40 TO STA. 1758+71.49 RT (VARIES)  
 STA. 1758+71.94 TO STA.1761+00.00 RT (4')
- STA. 1758+07.50 TO STA. 1760+19.36 LT (8')
- \*\*\* STA. 1760+19.36 TO STA. 1760+81.46 LT (VARIES)  
 STA. 1760+81.46 TO STA.1761+00.00 LT (4')

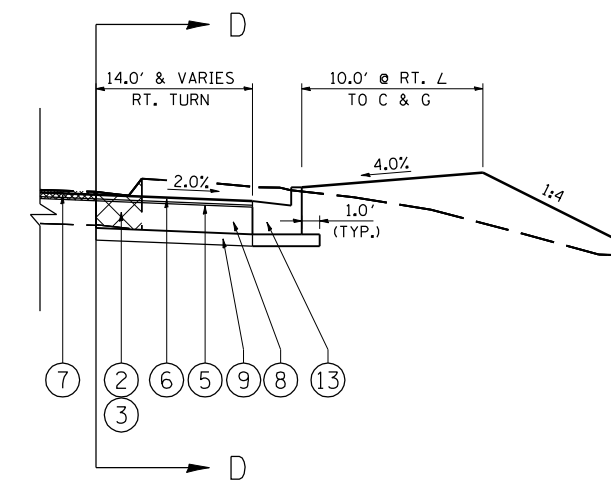
LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06



DETAIL C-C

LT. STA. 1760+19.36 TO LT. STA. 1761+00.00



DETAIL D-D

LT. STA. 1761+00.00 TO LT. STA. 1762+29.39  
 RT. STA. 1761+10.05 TO RT. STA. 1762+29.39

REVISIONS	
NAME	DATE

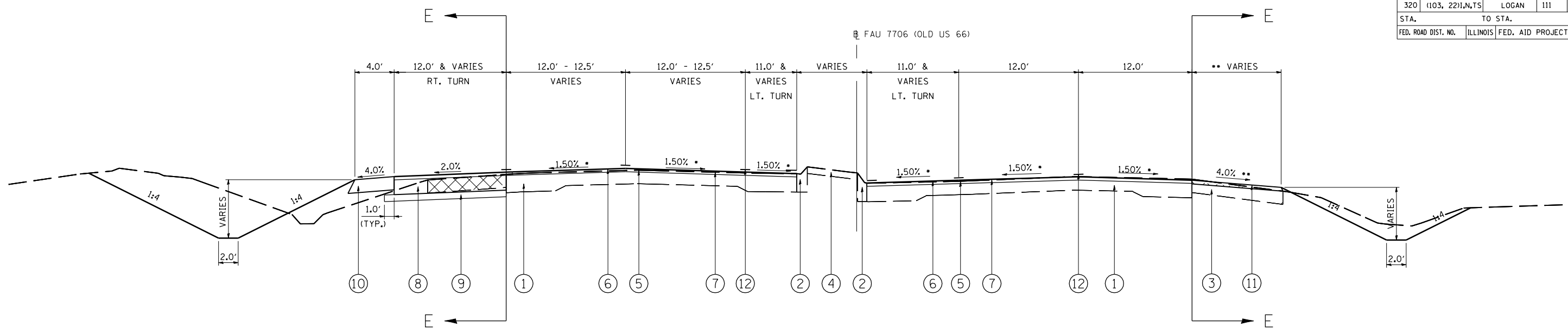
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
 (OLD US 66)

SCALE: VERT.  
 HORIZ.  
 DATE: 06-23-05

DRAWN BY: TMJ  
 CHECKED BY: VTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) N.T.S.	LOGAN	111	18
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

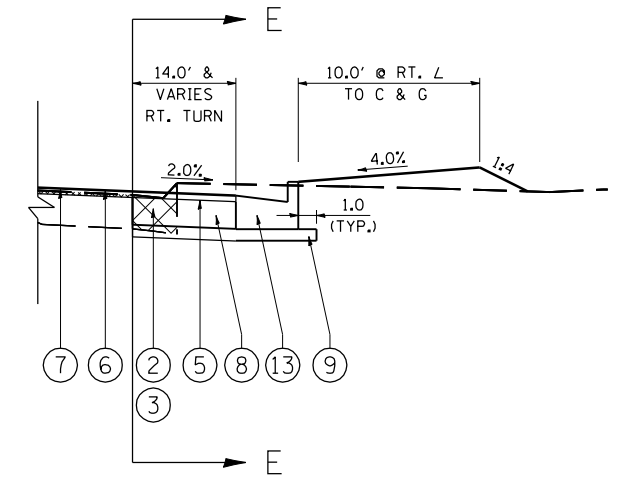


F.A.U. 7706 (OLD U.S. 66)  
 STA. 0+00.56 TO STA. 6+60.00

\* MATCH EXISTING CROSS-SLOPE TO ALLOW BUTT JOINTS AT EDGE OF EXIST. GUTTER AS DIRECTED BY THE ENGINEER  
 \*\* PROPOSED SHOULDER - MATCH EXISTING

LEGEND

- ① EXISTING PCC PAVEMENT (10") WITH BITUMINOUS SURFACE (1.5")
- ② EXISTING CONCRETE CURB & GUTTER
- ③ EXISTING BITUMINOUS SHOULDER (8")
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED LEVELING BINDER (MM) SUPERPAVE, N70 - 3/4"
- ⑥ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N70 - 1 1/2"
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ⑧ PROPOSED PCC BASE COURSE WIDENING - 9"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B - 4"
- ⑩ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (8")
- ⑪ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE (2.25")
- ⑫ PROPOSED PAVEMENT MARKING
- ⑬ PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ PROPOSED CONCRETE MEDIAN, TYPE SM-6.06



DETAIL E-E

LT. STA. 0+00.56 TO LT. STA. 1+39.00  
 RT. STA. 0+00.56 TO RT. STA. 1+44.50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
(OLD US 66)

SCALE: VERT. HORIZ. DATE: 06-23-05

DRAWN BY: TMJ  
 CHECKED BY: VTY

PLOT DATE = 3/26/2007  
 FILE NAME = c:\projects\65338A\httpiceladgn  
 PLOT SCALE = 42.352% / IN.  
 REFERENCE = #REF#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 22)1, N, TS

TEMPORARY RAMP	
LOCATION	QUANTITY (SQ.YD.)
STA 133+71.35 LT TO STA 133+76.35 LT	19.4
STA 133+71.35 RT TO STA 133+76.35 RT	13.3
STA 143+90.83 TO STA 143+85.83	31.4
STA 1758+07.50 LT TO STA 1758+12.50 LT	19.4
STA 1758+07.50 RT TO STA 1758+12.50 RT	13.9
STA 6+60.00 TO STA 6+55.00	40
BIT. ENTRANCE WEST OF OLD U.S. 66	46.9
BIT. ENTRANCE EAST OF OLD U.S. 66	44.3
TOTAL	228.6

CONCRETE MEDIAN SURFACE REMOVAL	
LOCATION	QUANTITY (SQ.FT.)
WEST MEDIAN NOSE	56.0
SOUTH MEDIAN NOSE	72.0
NORTH MEDIAN NOSE	27.0
EAST MEDIAN	1,355.5
N.E. ISLAND	118.0
N.W. ISLAND	119.0
S.W. ISLAND	118.0
S.E. ISLAND	118.0
TOTAL	1,983.5

BITUMINOUS SURFACE REMOVAL (BUTT JOINT)	
LOCATION	QUANTITY (SQ.YD.)
STA 133+71.35 LT TO STA 134+21.35 LT	194.4
STA 133+71.35 RT TO STA 134+21.35 RT	133.3
STA 143+40.83 TO STA 143+90.83	313.9
STA 1758+07.50 LT TO STA 1758+57.50 LT	194.4
STA 1758+07.50 RT TO STA 1758+57.50 RT	138.9
STA 6+10.00 TO STA 6+60.00	400
BIT. ENTRANCE WEST OF OLD U.S. 66	270.9
BIT. ENTRANCE EAST OF OLD U.S. 66	328.6
TOTAL	1,974.4

BITUMINOUS SHOULDER REMOVAL	
LOCATION	QUANTITY (SQ.YD.)
STA 1758+31.40 TO STA 1761+19.99 RT	219.1
STA 1760+19.36 TO STA 1761+22.62 LT	84.3
STA 1+24.86 TO STA 5+13.81 LT	199.1
TOTAL	502.5

PAVEMENT REMOVAL	
LOCATION	QUANTITY (SQ.YD.)
N.E. ISLAND	15.7
N.W. ISLAND	13
S.W. ISLAND	16.2
S.E. ISLAND	25
EAST MEDIAN	181.4
TOTAL	251.3

COMBINATION CURB AND GUTTER REMOVAL	
LOCATION	QUANTITY (FOOT)
STA 1761+22.62 TO STA 142+67.17 LT	446.0
STA 135+92.94 TO STA 1761+19.99 RT	200.0
STA 133+79.68 TO STA 1+31.46 RT	442.0
STA 1+58.00 TO STA 139+76.8 RT	267.0
N.E. ISLAND	52.0
N.W. ISLAND	53.0
S.W. ISLAND	52.0
S.E. ISLAND	52.0
WEST MEDIAN NOSE	35.0
SOUTH MEDIAN NOSE	33.0
NORTH MEDIAN NOSE	23.0
EAST MEDIAN	539.0
TOTAL	2,194.0

DRIVEWAY PAVEMENT REMOVAL	
LOCATION	QUANTITY (SQ.YD.)
STA 134+38.34 RT	143
STA 135+38.02 RT	200
STA 140+34.90 LT	75.6
STA 141+37.35	117.8
TOTAL	536.4

CONCRETE CURB REMOVAL	
LOCATION	QUANTITY (FOOT)
AT ENTRANCE, STA 135+38.02 RT	34.00
AT ENTRANCE, STA 134+38.34 RT	20.00
AT ENTRANCE, STA 140+34.90 LT	28.00
AT ENTRANCE, STA 141+37.35 LT	26.00
TOTAL	108.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF QUANTITIES

FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY

SCALE: VERT.  
 HORIZ.  
 DATE: 03-22-06

DRAWN BY: TMJ  
 CHECKED BY: VTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 22)I, N, TS

REMOVING INLETS	
LOCATION	QUANTITY (EACH)
STA 136+96.51, 50.33' LT	1
STA 138+82.15, 46.95' LT	1
STA 139+74.79, 38.0' LT	1
STA 140+96.00, 38.0' LT	2
STA 142+00.00, 35.4' LT	2
STA 143+10.40, 31.3' LT	1
STA 135+21.62, 36.36' RT	1
TOTAL	9

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	
LOCATION	QUANTITY (EACH)
STA 139+01.73, 69.16' LT	1
STA 138+97.95, 60.82' RT	1
TOTAL	2

STORM SEWERS, CLASS A, TYPE 1 15"	
LOCATION	QUANTITY (FOOT)
STA 139+01.08, 48.76' TO STA 139+74.66, 48.0' LT	75.0
STA 139+74.66, 48.0' LT TO STA 140+76.57, 48.0' LT	102.0
TOTAL	177.0

STORM SEWERS, CLASS A, TYPE 1 24"	
LOCATION	QUANTITY (FOOT)
STA 139+01.73, 69.16' LT	20.0
STA 138+97.95, 60.82' RT	16.0
TOTAL	36.0

INLETS, TYPE A, TYPE 3 FRAME AND GRATE	
LOCATION	QUANTITY (EACH)
STA 143+10.40, 31.25' LT	1
STA 134+75.00, 43.70' RT	1
STA 136+25.00, 48.0' RT	1
STA 137+00.00, 58.25' RT	1
TOTAL	4

INLETS, TYPE B, TYPE 3 FRAME AND GRATE	
LOCATION	QUANTITY (EACH)
STA 136+93.00, 52.83' LT	1
STA 139+74.66, 48.00' LT	1
STA 140+76.57, 48.00' LT	1
STA 142+00.00, 37.00' LT	1
TOTAL	4

STORM SEWERS, CLASS A, TYPE 1 12"	
LOCATION	QUANTITY (FOOT)
STA 140+76.57, 48.0' LT TO STA 142+00.00, 37.0' LT	124.0
STA 142+00.00, 37.0' LT TO STA 143+10.40, 31.25' LT	111.0
STA 133+73.60, 37.65' RT TO STA 134+75.00, 48.0' RT	101.0
STA 134+75.00, 48.0' RT TO STA 136+25.00, 48.0' RT	150.0
STA 136+25.00, 48.0' RT TO STA 137+00.00, 58.25' RT	76.0
STA 134+75.00, 43.70' RT TO STA 134+75.00, 48.0' RT	4.0
STA 142+00.49, 44.80' LT TO STA 142+00.00, 37.0' LT	8.0
TOTAL	574.0

MANHOLES TO BE ADJUSTED	
LOCATION	QUANTITY (EACH)
STA 136+38.73, 43.47' RT	1
TOTAL	1

PLOT DATE : 3/20/2007  
 FILE NAME : c:\projects\653384\shedsched\shedschdgn  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : laughlin-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY  
 SCALE: VERT.      DRAWN BY: TMJ  
 HORIZ.              CHECKED BY: VTY  
 DATE: 03-22-06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 22)1, N, TS

INCIDENTAL BITUMINOUS SURFACING	
LOCATION	QUANTITY (SQ.YD.)
BIT. ENTRANCE, STA 6+00.00 LT	34.1
BIT. ENTRANCE, STA 6+00.00 RT	41.4
TOTAL	75.5

PORTLAND CEMENT CONCRETE BASE COURSE 9"	
LOCATION	QUANTITY (SQ. YD.)
STA 134+58.00 TO STA 137+38.00 RT	344.2
STA 138+30.00 TO STA 141+51.00 LT	380.6
STA 1759+00.00 TO STA 1761+81.00 RT	325.8
STA 0+42.00 TO STA 0+91.00 LT	71.7
STA 2+22.00 TO STA 4+06.00 LT	187.4
NORTH MEDIAN NOSE	6.8
SOUTH MEDIAN NOSE	7.0
WEST MEDIAN NOSE	7.2
EAST MEDIAN	86.4
TOTAL	1,417.1

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	
LOCATION	QUANTITY (SQ. YD.)
STA 133+80.00 TO STA 134+58.00 RT	26.2
STA 137+38.00 TO STA 137+46.00 RT	18.5
STA 138+91.00 TO STA 139+77.00 RT	23.7
STA 138+16.00 TO STA 138+30.00 LT	31.0
STA 141+51.00 TO STA 143+21.00 LT	41.8
STA 1758+50.00 TO STA 1759+00.00 RT	18.6
STA 1761+81.00 TO STA 1761+91.45 RT	30.4
STA 0+91.00 TO STA 1+17.00 LT	7.9
STA 1+46.00 TO STA 2+22.00 LT	21.2
STA 4+06.00 TO STA 5+14.00 LT	37.5
TOTAL	256.8

PORTLAND CEMENT CONCRETE DRIVEWAY, 8 INCH	
LOCATION	QUANTITY (SQ. YD.)
STA 134+38.34 RT	89.2
STA 135+38.02 RT	77.1
STA 141+37.35 RT	57.1
TOTAL	223.4

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	
LOCATION	QUANTITY (FOOT)
STA 135+92.94 LT TO STA 1761+19.99 RT	211.0
STA 133+79.68 RT TO STA 1+31.46 RT	428.0
STA 1+25.04 LT TO STA 139+76.8 RT	192.0
STA 1761+22.62 LT TO STA 142+67.17 LT	467.0
TOTAL	1298.0

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	
LOCATION	QUANTITY (FOOT)
N.E. ISLAND	58.0
S.E. ISLAND	67.0
N.W. ISLAND	62.0
S.W. ISLAND	58.0
SOUTH MEDIAN NOSE	33.0
WEST MEDIAN NOSE	35.0
NORTH MEDIAN NOSE	23.0
TOTAL	336.0

SIDEWALK REMOVAL	
LOCATION	QUANTITY (SQ.FT.)
STA 141+79.57 TO STA 142+57.57 LT	312
TOTAL	312

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	
LOCATION	QUANTITY (SQ.FT.)
STA 141+79.57 TO STA 142+57.57 LT	390
SIDEWALK RAMPS (NE & NW ISLANDS)	50
TOTAL	440

AGGREGATE FOR TEMPORARY ACCESS	
LOCATION	QUANTITY (TON)
ENTRANCE AT STA 134+38.34 RT	40.6
ENTRANCE AT STA 135+38.02 RT	35.1
ENTRANCE AT STA 141+37.35 RT	26
TOTAL	101.7

PLOT DATE : 3/28/2007  
 FILE NAME : c:\projects\653384\shsched\shsdr  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : laughlin-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY  
 SCALE: VERT.      DRAWN BY TMJ  
 HORIZ.            CHECKED BY VTY  
 DATE 03-22-06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	LOGAN	111	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- FAP ROUTE 320 AT FAU ROUTE 77066
- \*\* (103, 22)I, N, TS

THERMOPLASTIC PAVEMENT MARKING-LINE 8"	
LOCATION	QUANTITY (FOOT)
N.E. ISLAND	200.0
S.E. ISLAND	200.0
N.W. ISLAND	198.0
S.W. ISLAND	205.0
TOTAL	803.0

THERMOPLASTIC PAVEMENT MARKING-LINE 5" (YELLOW)	
LOCATION	QUANTITY (FOOT)
NORTH MEDIAN	757.0
SOUTH MEDIAN	1,114.0
WEST MEDIAN	757.0
EAST MEDIAN	787.0
TOTAL	3,414.0

THERMOPLASTIC PAVEMENT MARKING-LINE 12"	
LOCATION	QUANTITY (FOOT)
N.E. ISLAND	61.0
S.E. ISLAND	60.0
N.W. ISLAND	68.0
S.W. ISLAND	63.0
TOTAL	252.0

THERMOPLASTIC PAVEMENT MARKING-LINE 5" (DOUBLE LINE SOLID - YELLOW)	
LOCATION	QUANTITY (FOOT)
STA 142+16.22 TO STA 143+90.83 LT	346.0
STA 142+16.22 TO STA 142+72.97 LT	114.0
TOTAL	460.0

PERFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 24"	
LOCATION	QUANTITY (FOOT)
N.W. QUADRANT	53.0
N.E. QUADRANT	57.0
S.W. QUADRANT	54.0
S.E. QUADRANT	56.0

PERFORMED PLASTIC PAVEMENT MARKING TYPE B-LINE 5" (SKIP-DASH WHITE LINE)	
LOCATION	QUANTITY (FOOT)
WOODLAWN ROAD	490.0
OLD U.S. 66 (LINCOLN PARKWAY)	490.0
TOTAL	980.0

THERMOPLASTIC PAVEMENT MARKING-LINE 5" (WHITE)	
LOCATION	QUANTITY (FOOT)
STA 133+71.35 TO STA 143+90.83	2,091.0
STA 1758+07.50 TO STA 6+60.00	1,795.0
TOTAL	3,886.0

PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	
LOCATION	QUANTITY (FOOT)
STA 133+71.35 TO STA 134+66.45 LT	95.0
STA 135+71.00 TO STA 137+42.00 RT	171.0
STA 135+32.00 TO STA 136+95.00 RT	163.0
STA 138+33.00 TO STA 140+78.00 LT	245.0
STA 138+77.00 TO STA 140+80.00 LT	203.0
STA 142+73.83 TO STA 143+90.83 RT	117.0
SKIP DASHES (WOODLAWN ROAD)	128.0
CROSS WALKS (ISLANDS)	281.0
STA 1758+07.50 TO STA 1759+37.57 LT	130.0
STA 1760+42.00 TO STA 1761+88.00 LT	146.0
STA 1759+87.00 TO STA 1761+34.00 RT	147.0
STA 0+93.00 TO STA 3+16.00 LT	223.0
STA 0+43.56 TO STA 2+43.56 LT	200.0
STA 3+46.00 TO STA 5+73.00 RT	227.0
STA 6+26.00 TO STA 6+60.00 LT	34.0
SKIP DASHES (LINCOLN PARKWAY)	124.0
TOTAL	2,634.0

PLOT DATE : 3/28/2007  
 FILE NAME : c:\projects\653384\shsched\shs.dgn  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : laughlin-1

REVISIONS	
NAME	DATE

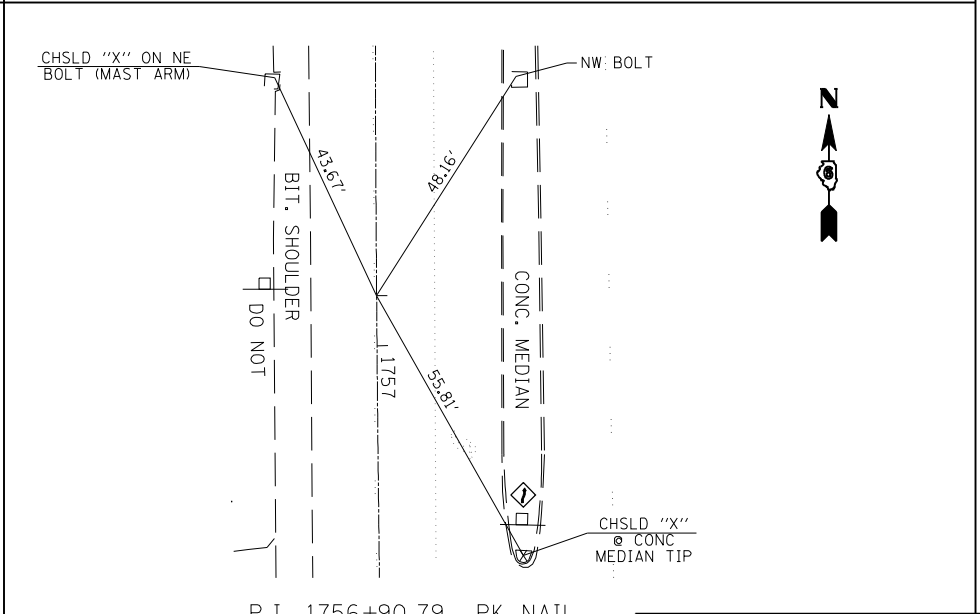
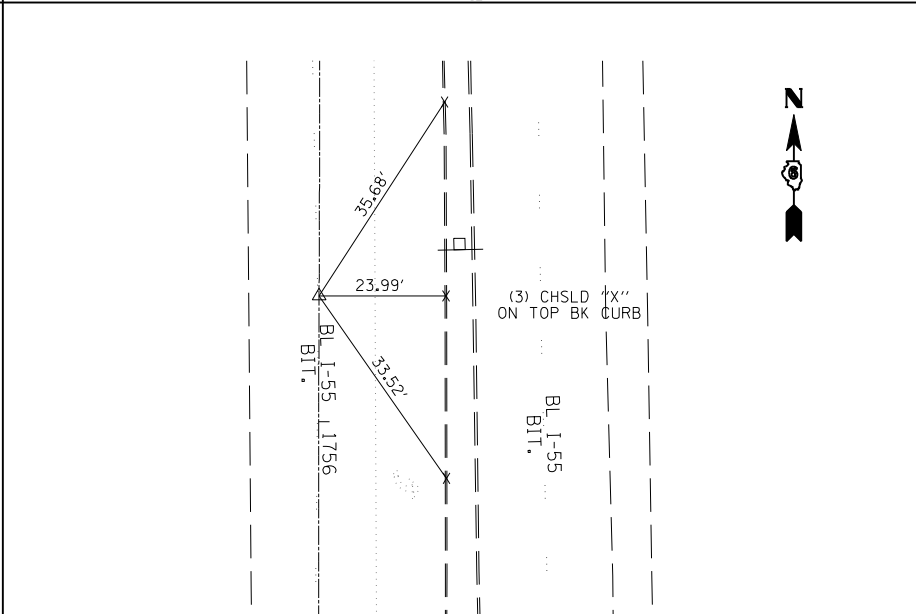
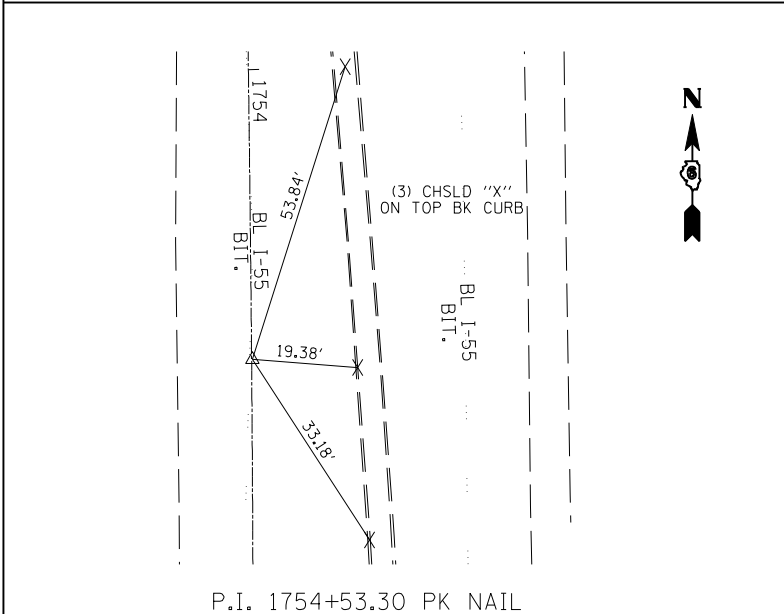
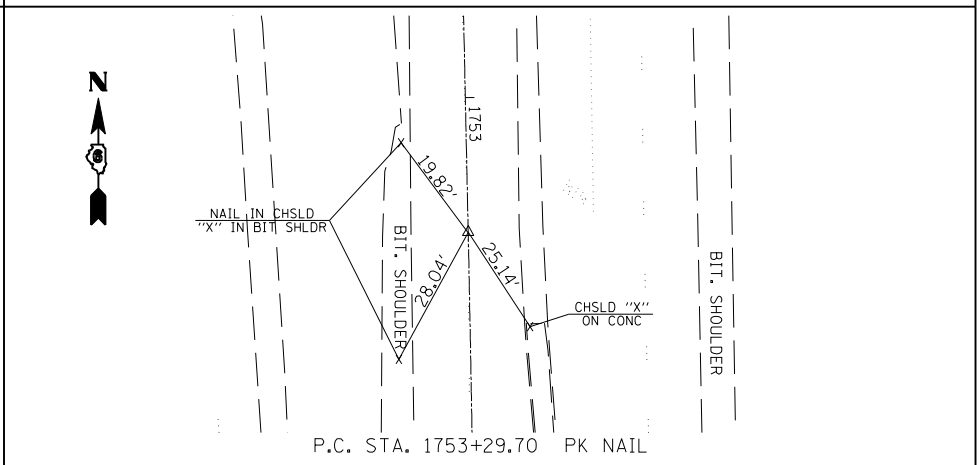
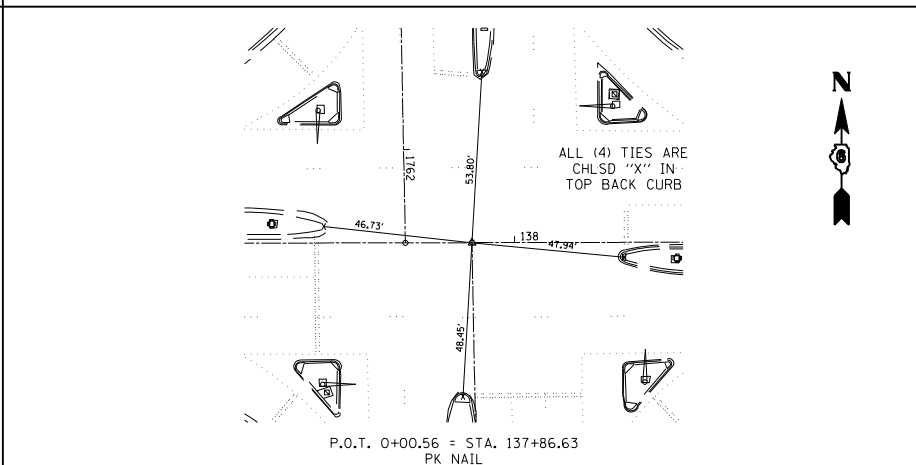
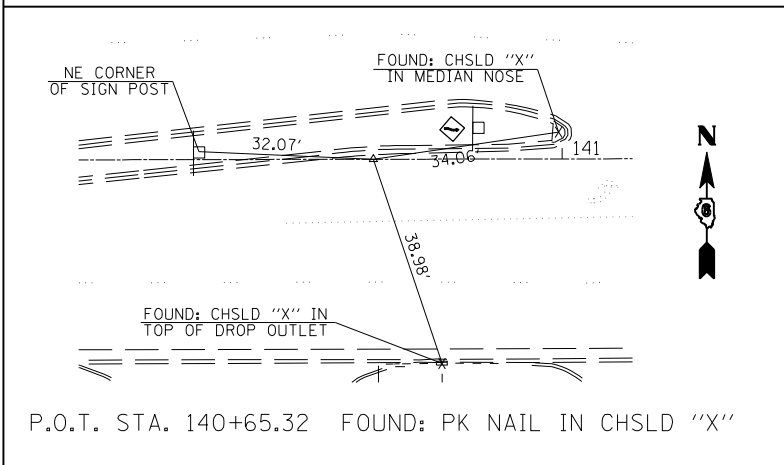
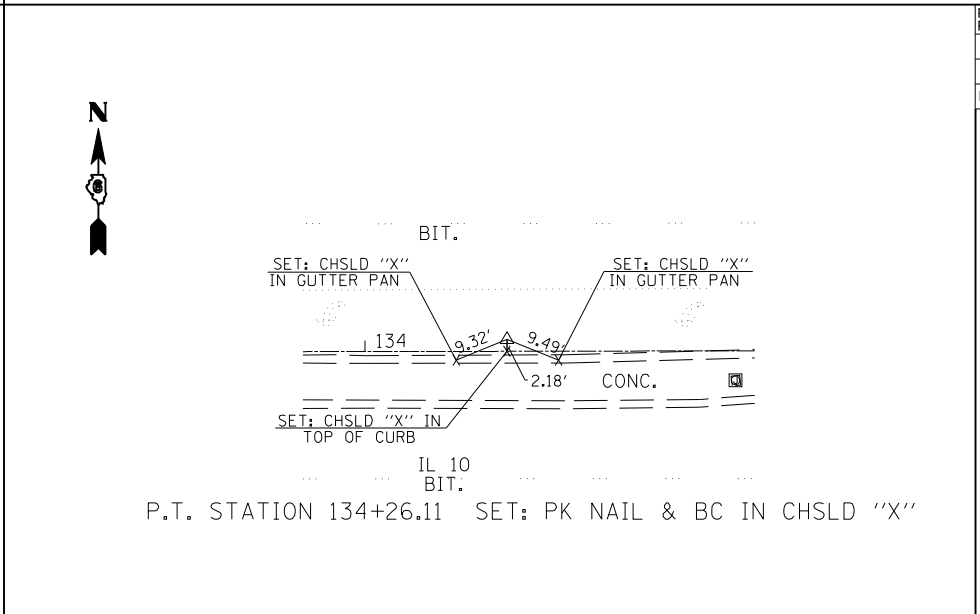
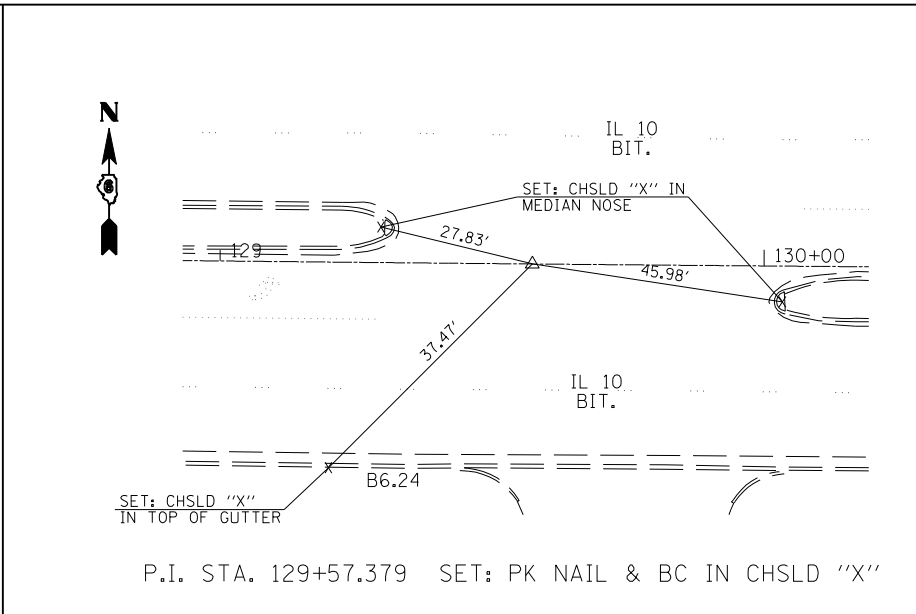
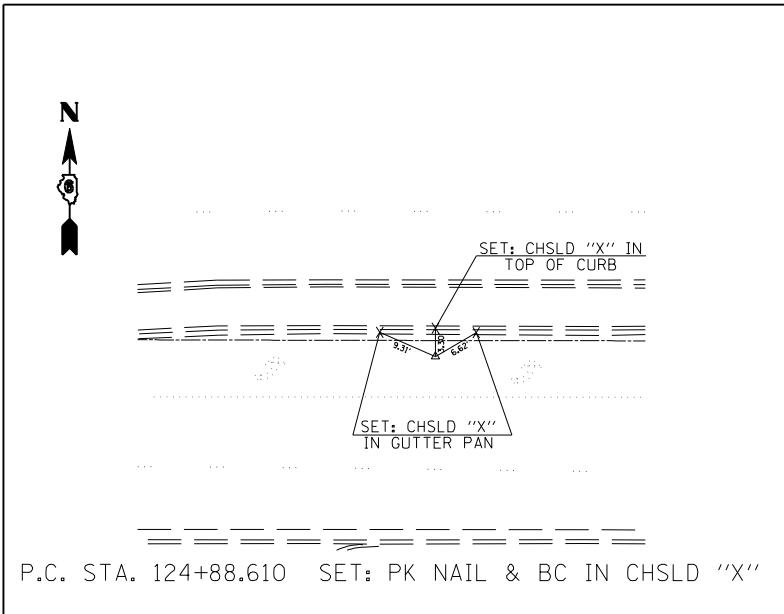
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP ROUTE 320 (IL 10/121) AT  
 FAU ROUTE 77066 (OLD US 66)  
 LOGAN COUNTY

SCALE: VERT.      DRAWN BY TMJ  
 HORIZ.             
 DATE 03-22-06      CHECKED BY VTY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	103(I,N,T,S)	LOGAN	111	24

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



REVISIONS	
NAME	DATE

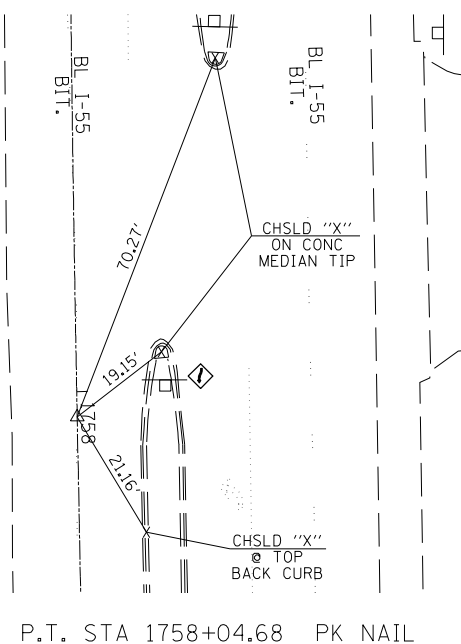
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 CROSS TIES & BENCHMARKS  
 IL 10/121/WOODLAWN RD.  
 OLD US 66/LINCOLN PARKWAY

SCALE: VERT. / HORIZ.  
 DATE: / / DRAWN BY: / CHECKED BY: /

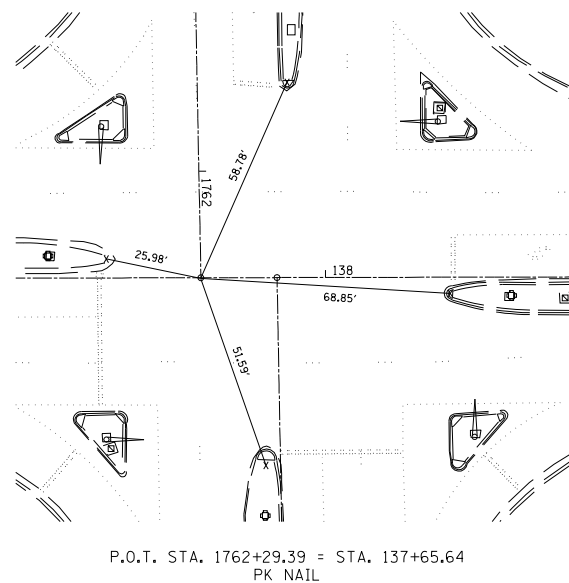
PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\653384\shs\title.dgn  
 PLOT SCALE = 1/8" = 1'-0" / IN.  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	103(I,N,T,S)	LOGAN	111	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



P.T. STA 1758+04.68 PK NAIL



P.O.T. STA. 1762+29.39 = STA. 137+65.64  
PK NAIL

BENCHMARKS

BM #17 - CHSLD "  " IN THE EAST HDWL OF 2x2 BOX FOR BUS. 55 0.3 MI S. OF IL 10  
NAVD 88 = 581.040

BM #101 - SET CHSLD "X" IN SOUTH BOLT OF FIRE HYDRANT WEST OF THE TROPICS RESTARAUNT AND NORTH OF IL 10  
ENG STA. 134+47.54, 50.2 LT  
NAVD 88 = 583.215

BM #16 - CHSLD "  " IN CENTER OF WEST CONCRETE HDWL OF 15" CMP FOR POSTVILLE DR. WEST OF LINCOLN AUTO & TRUCK PARTS  
STA. 1750+70.00, 104.0 LT FROM  $\phi$  OF SBL  
NAVD 88 = 579.59

PLOT DATE = 3/26/2007  
FILE NAME = c:\projects\653384\shs\shs.dgn  
PLOT SCALE = 1/8"=1'-0"  
USER NAME = laughlin

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CROSS TIES & BENCHMARKS  
IL 10/121/WOODLAWN RD.  
OLD US 66/LINCOLN PARKWAY

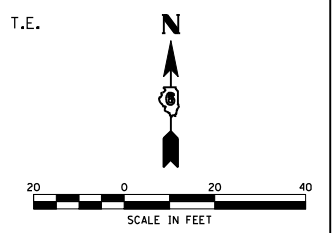
SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	27
STA. 320		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

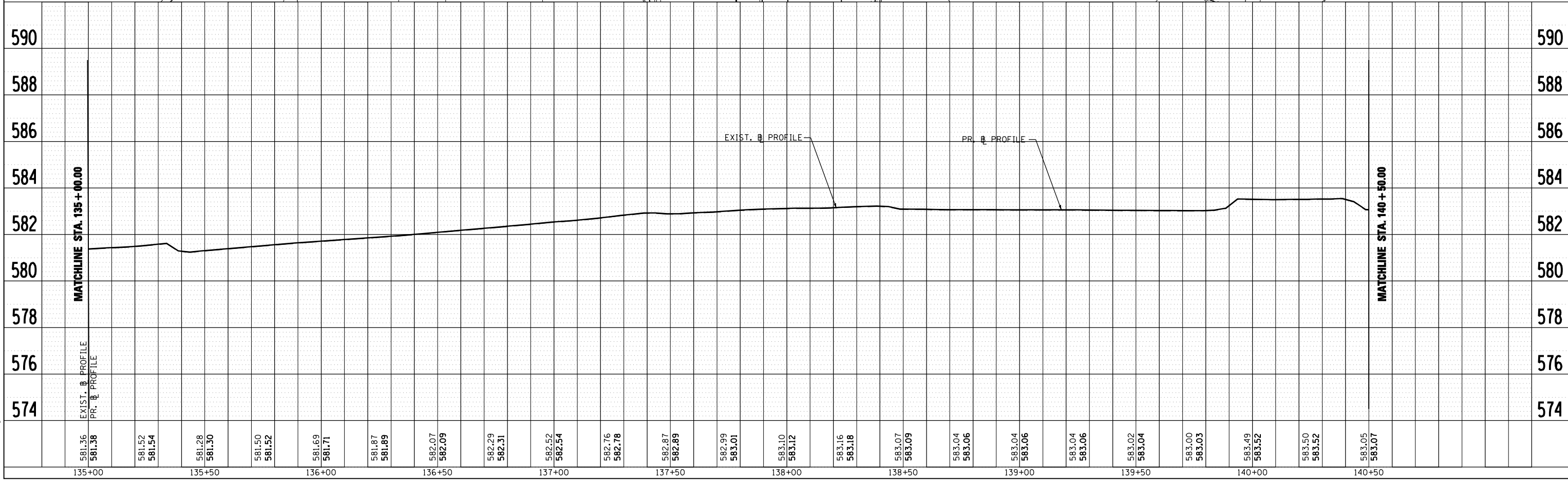
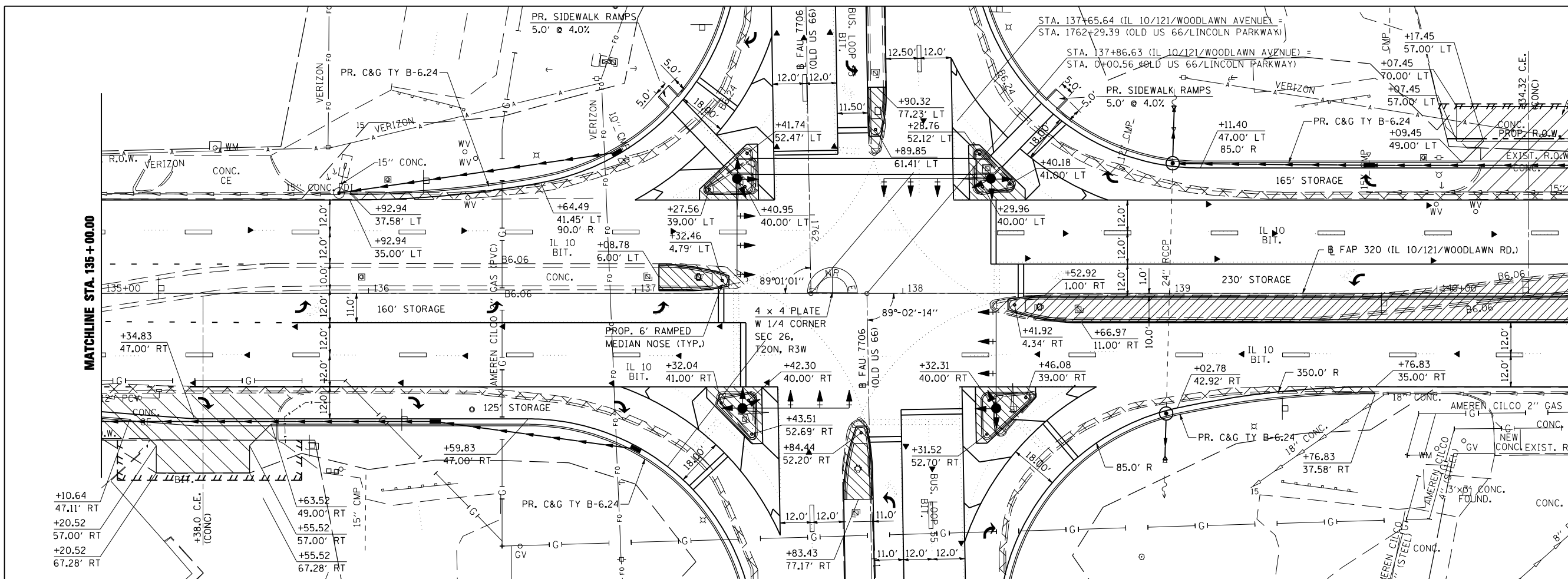
• 103 & 221(N,TS)



PLAN	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

PROFILE	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

PLOT DATE = 3/20/2007  
 FILE NAME = c:\p\projects\683388\shp&pa0622.dgn  
 PLOT SCALE = 42.3528' / IN.  
 USER NAME = laughlin-1

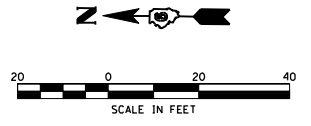


**LEGEND**  
 CONSTRUCTION LIMITS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	29
STA. 7706		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

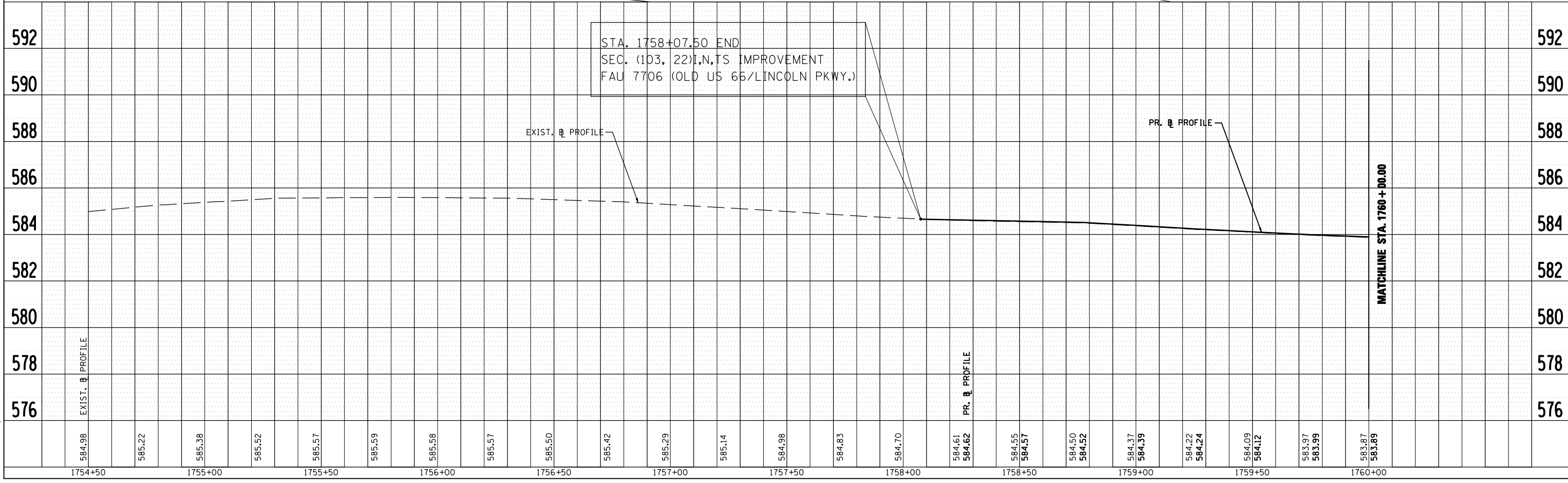
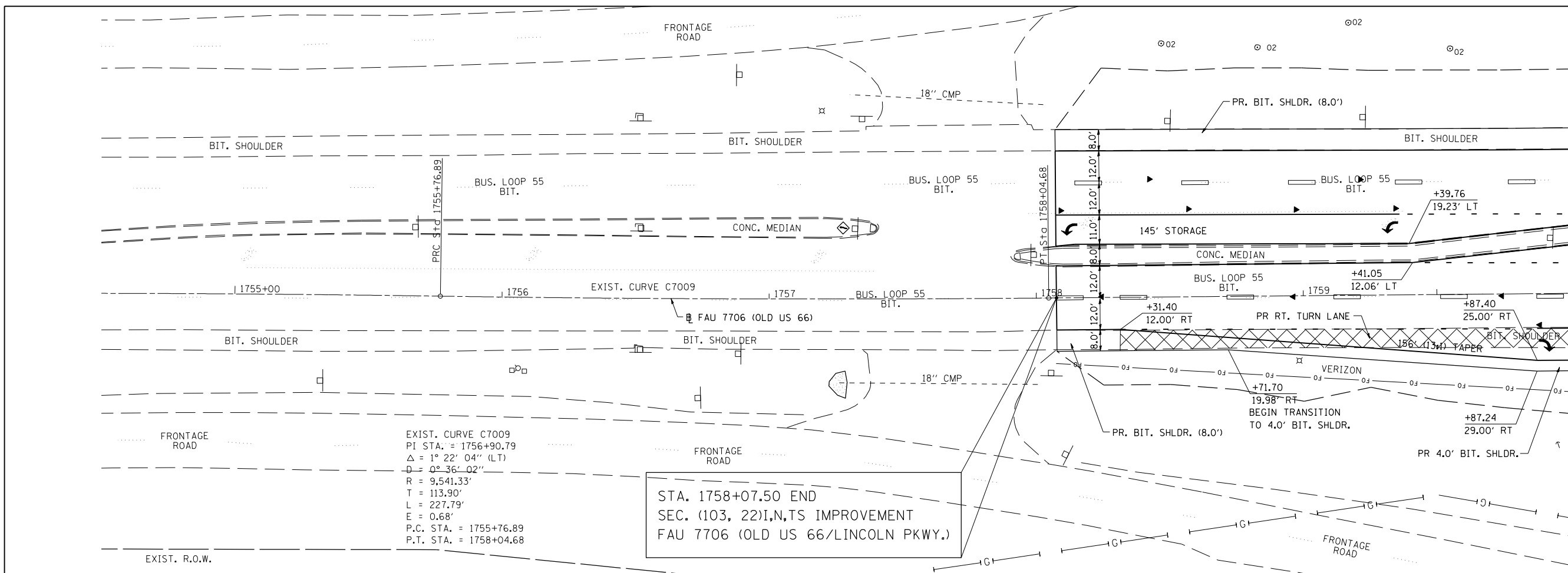
• 103 & 22(I,N,TS)



PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	

PLOT DATE = 3/20/2007  
 FILE NAME = c:\proje\103&22\103&22\103&22.dgn  
 PLOT SCALE = 42.3528' / IN.  
 USER NAME = laughlin-1



MATCHLINE STA. 1760 + 00.00

**LEGEND**  
 CONSTRUCTION LIMITS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	31
STA. 7706		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• 103 & 22(I,N,T,S)



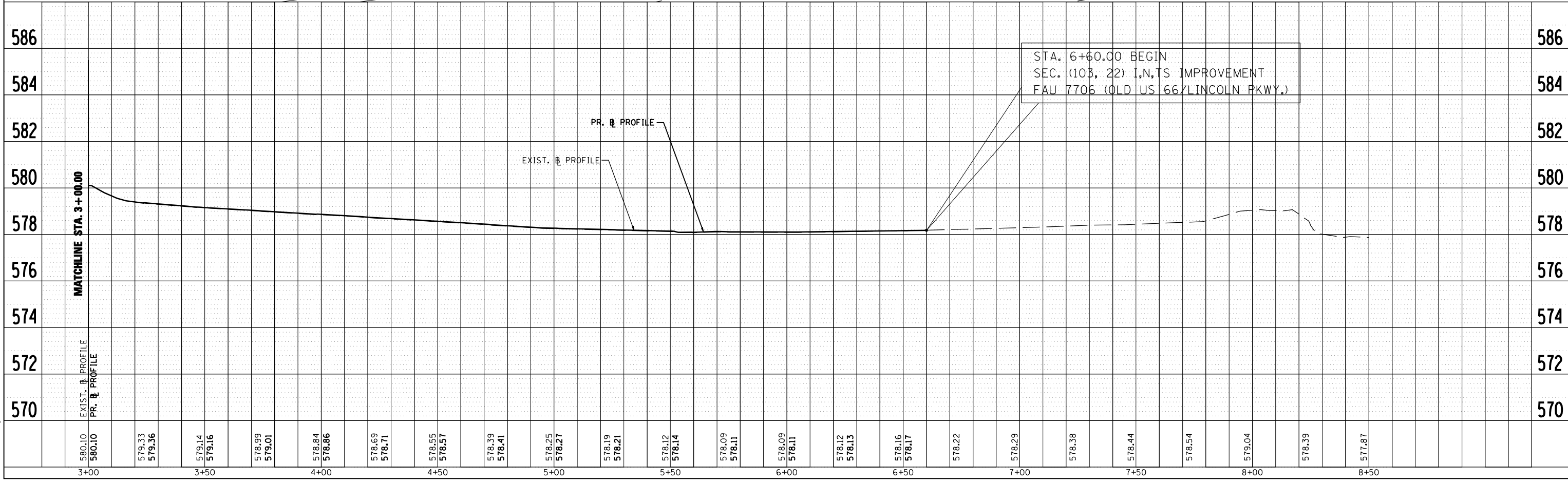
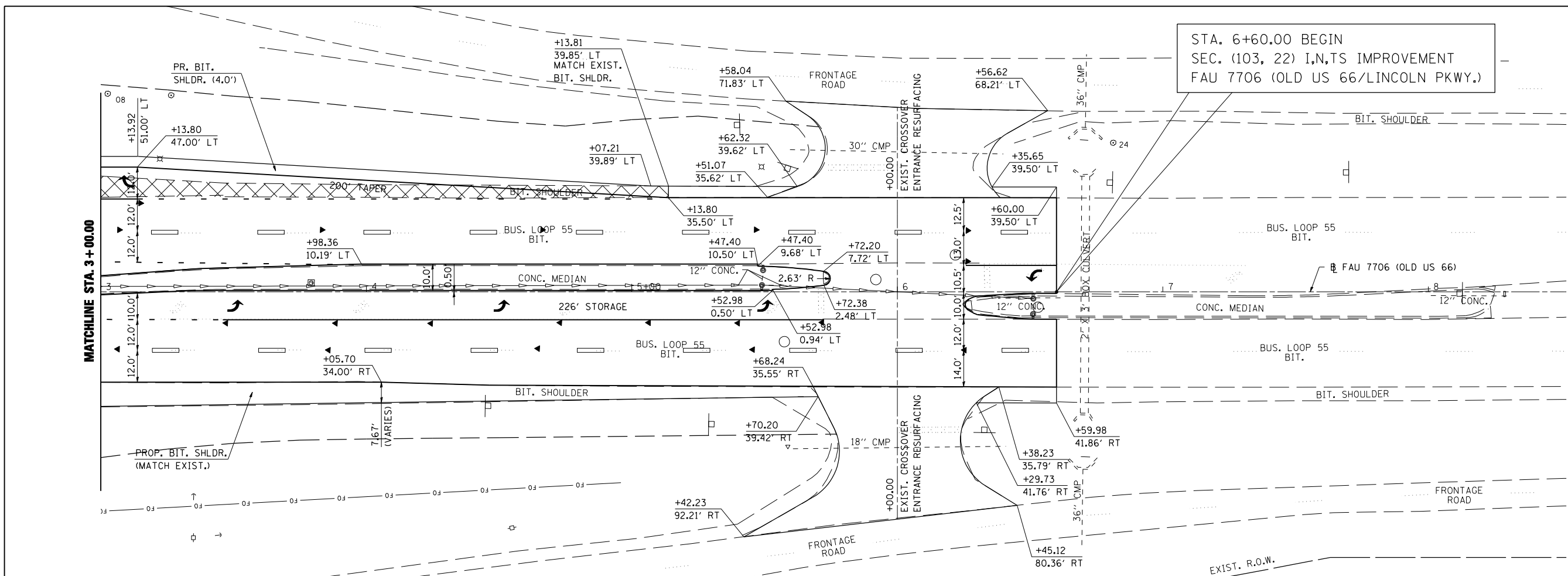
**LEGEND**

CONSTRUCTION LIMITS

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. NOTED		
	STRUCTURE NOTATIONS CHRD		

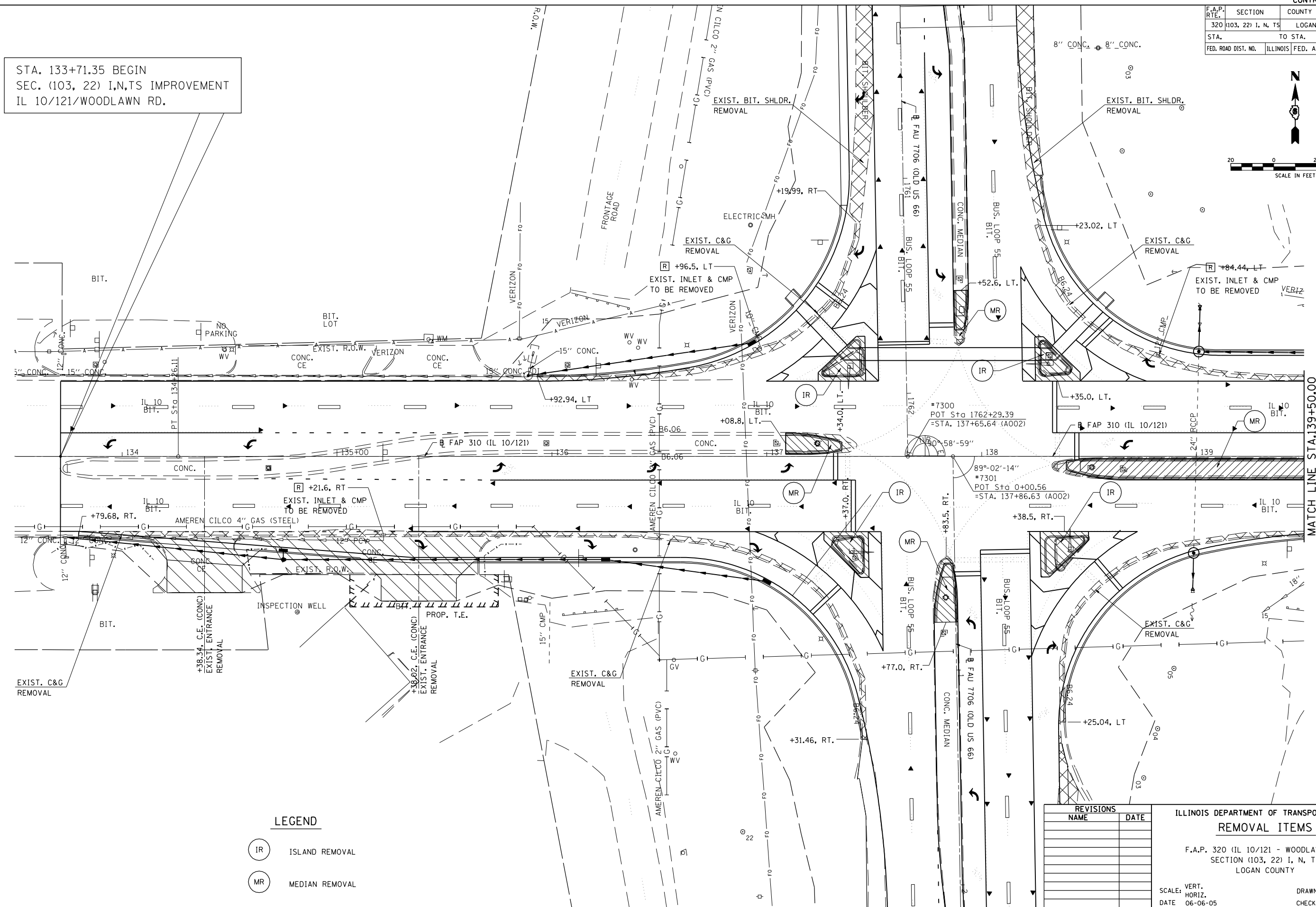
PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\68338A\shp\pa06661.dgn  
 PLOT SCALE = 42.3528' / IN.  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320 (103, 22) I, N, TS		LOGAN	111	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 133+71.35 BEGIN  
SEC. (103, 22) I,N,TS IMPROVEMENT  
IL 10/121/WOODLAWN RD.



MATCH LINE STA.139+50.00

**LEGEND**

- (IR) ISLAND REMOVAL
- (MR) MEDIAN REMOVAL

REVISIONS	
NAME	DATE

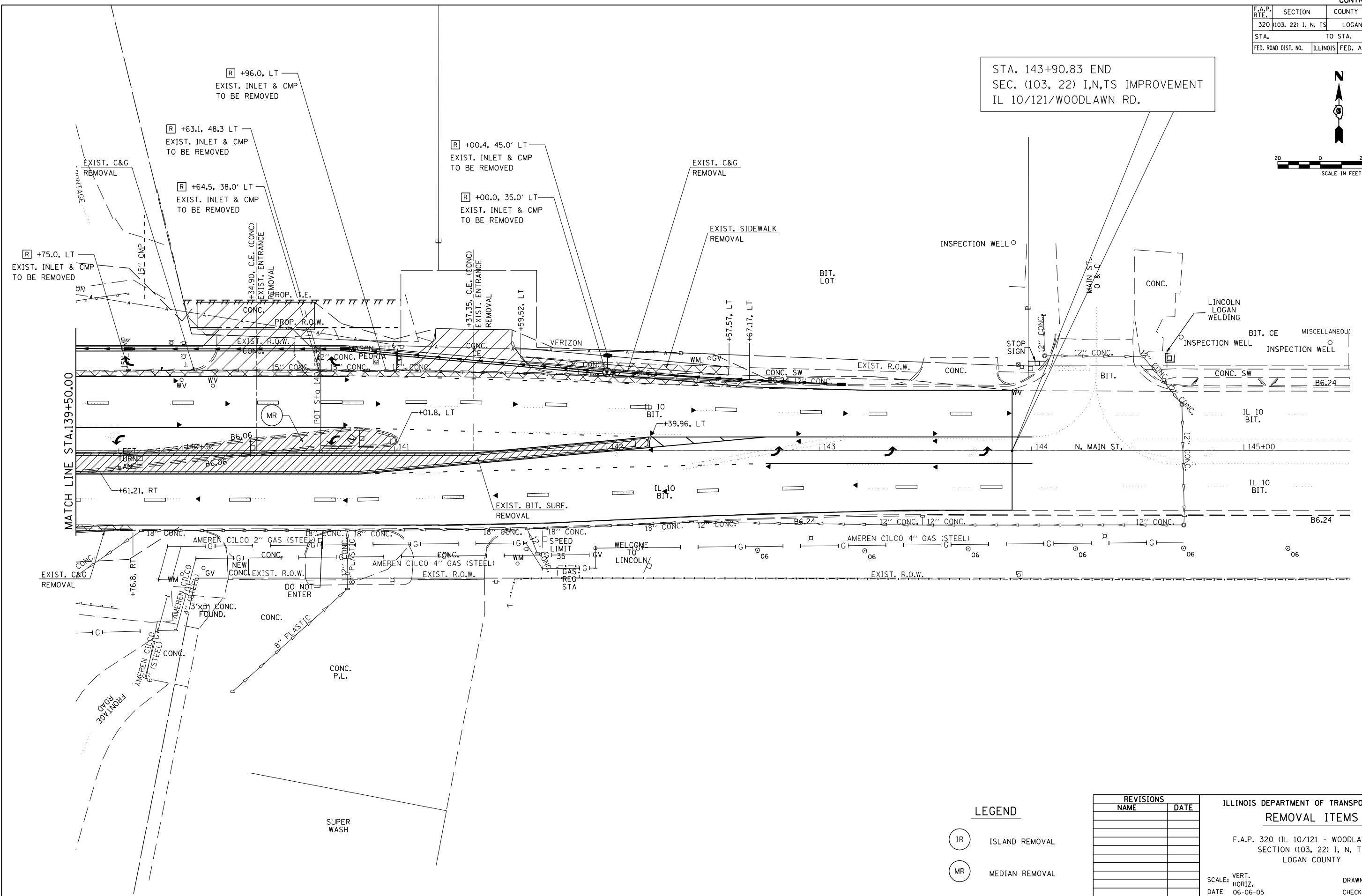
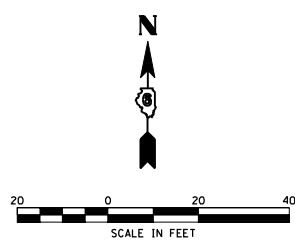
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL ITEMS**  
F.A.P. 320 (IL 10/121 - WOODLAWN RD.)  
SECTION (103, 22) I, N, TS  
LOGAN COUNTY  
SCALE: VERT. 1"=20'  
HORIZ. 1"=40'  
DATE: 06-06-05  
DRAWN BY: TMJ  
CHECKED BY: VTY

PLOT DATE = 3/28/2007  
 FILE NAME = c:\projects\665338A\shop\plan\m\1118.dgn  
 PLOT SCALE = 42.3525' / IN.  
 REFERENCE = #REF#



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320 (103, 22) I, N, TS		LOGAN	111	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STA. 143+90.83 END  
SEC. (103, 22) I, N, TS IMPROVEMENT  
IL 10/121/WOODLAWN RD.



PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\65338A\shop\plan\m\11118.dgn  
PLOT SCALE = 42.3525' / IN.  
REFERENCE = #REF#

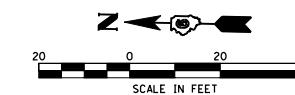
- LEGEND**
- (IR) ISLAND REMOVAL
  - (MR) MEDIAN REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL ITEMS**  
F.A.P. 320 (IL 10/121 - WOODLAWN RD.)  
SECTION (103, 22) I, N, TS  
LOGAN COUNTY  
SCALE: VERT. 06-06-05  
DATE: HORIZ.  
DRAWN BY: TMJ  
CHECKED BY: VTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (103, 22)I,N,TS

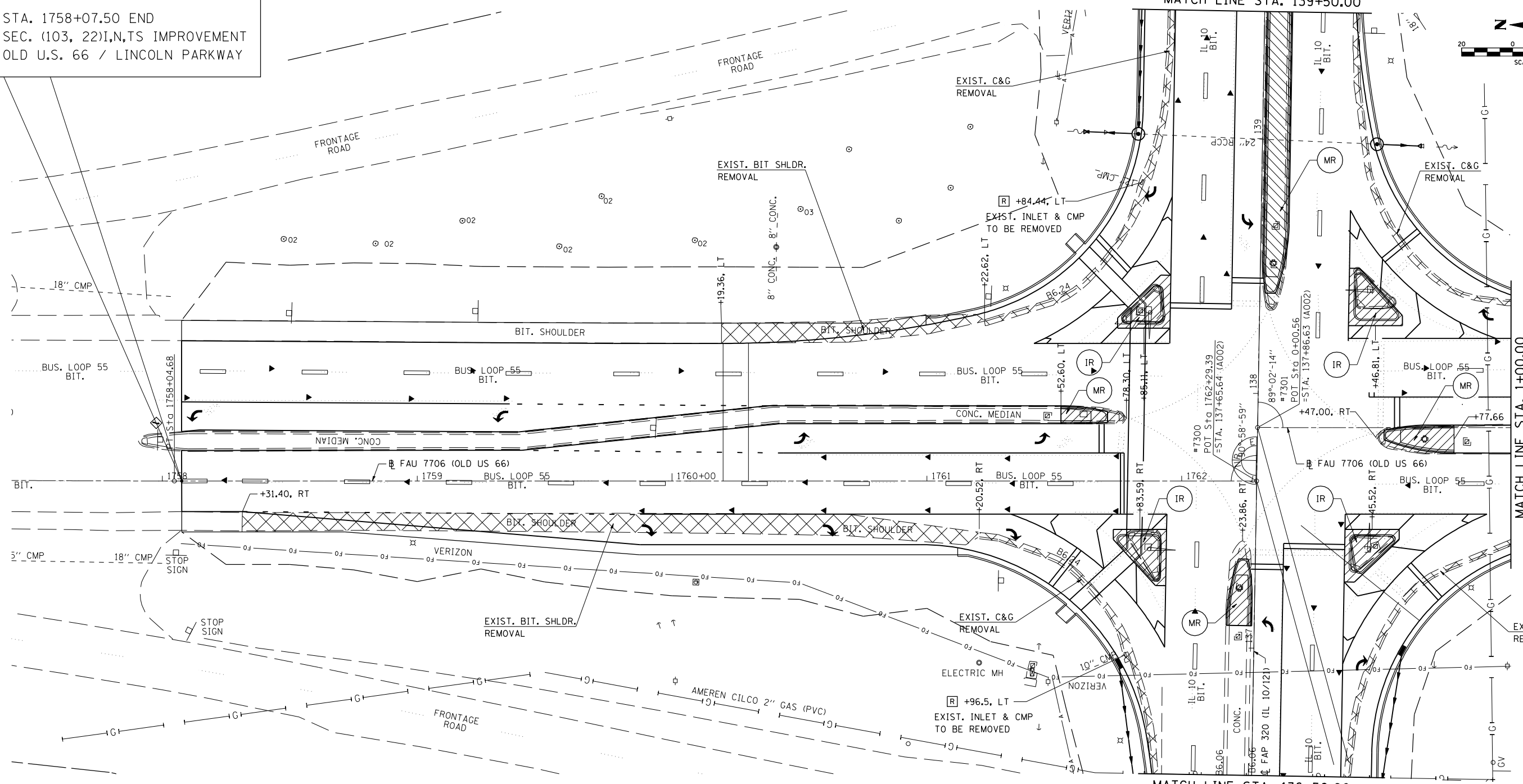


STA. 1758+07.50 END  
SEC. (103, 22)I,N,TS IMPROVEMENT  
OLD U.S. 66 / LINCOLN PARKWAY

MATCH LINE STA. 139+50.00

MATCH LINE STA. 1+00.00

MATCH LINE STA. 136+50.00



STA. 137+86.63 (IL 10/121/WOODLAWN AVENUE) =  
STA. 0+00.56 (OLD US 66/LINCOLN PARKWAY)  
STA. 137+65.64 (IL 10/121/WOODLAWN AV. =  
STA. 1762+29.39 (OLD U.S. 66/LINCOLN PKWY)

**LEGEND**

- (IR) ISLAND REMOVAL
- (MR) MEDIAN REMOVAL

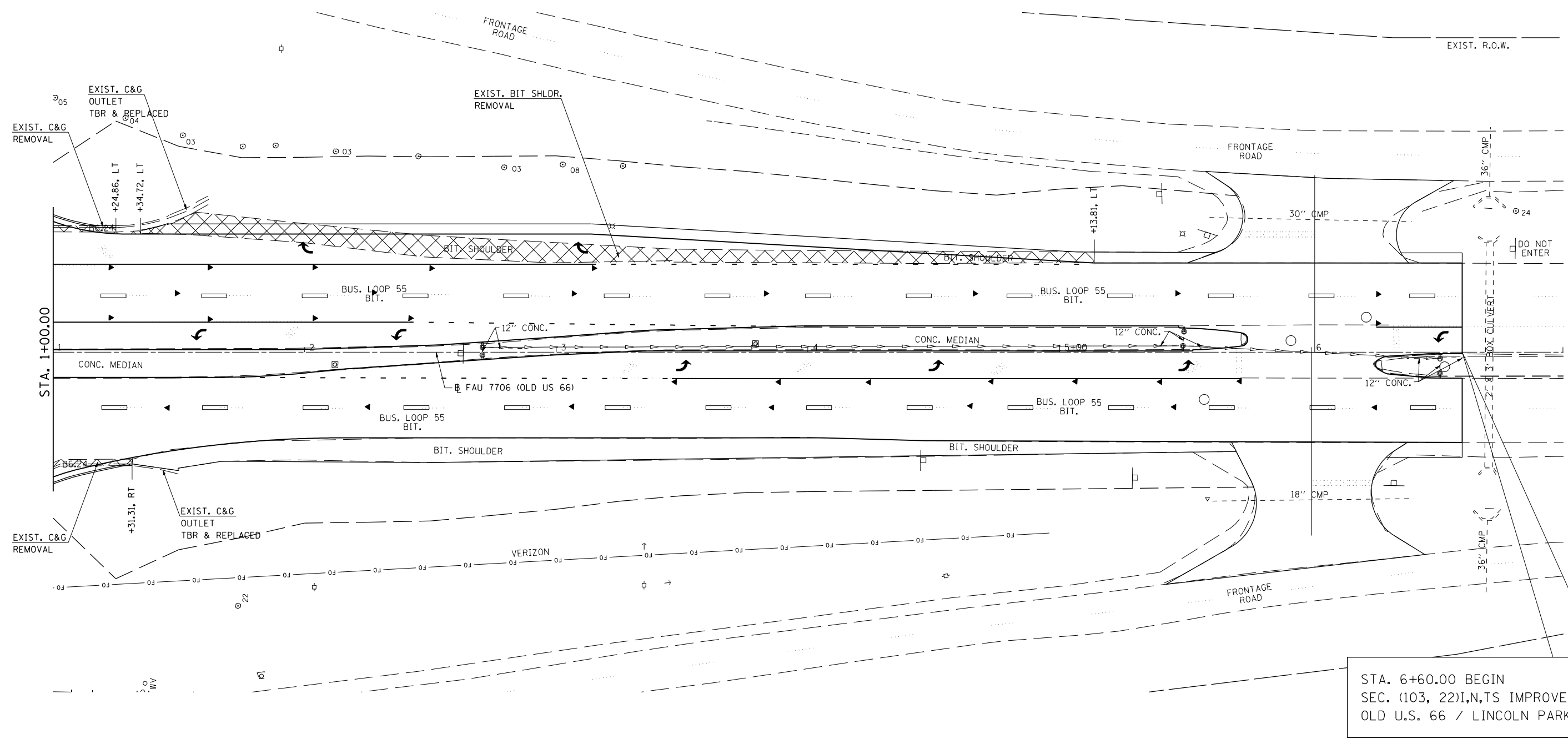
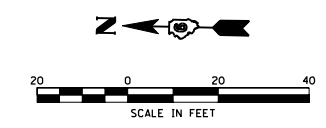
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL ITEMS**  
F.A.U. 7706 (LINCOLN PKWY)  
SECTION (103, 22) I,N,TS  
LOGAN COUNTY  
SCALE: VERT. / HORIZ. / DATE: 03-16-05  
DRAWN BY: TMJ  
CHECKED BY: VTY

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\653384\shplan\m\166.dgn  
PLOT SCALE = 42.3525' / IN.  
USER NAME = laughlin-1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (103, 22)I,N,TS



STA. 6+60.00 BEGIN  
SEC. (103, 22)I,N,TS IMPROVEMENT  
OLD U.S. 66 / LINCOLN PARKWAY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL ITEMS**  
F.A.U. 7706 (LINCOLN PKWY)  
SECTION (103, 22) I,N,TS  
LOGAN COUNTY  
SCALE: VERT. 1"=20'  
HORIZ. 1"=40'  
DATE: 03-16-05  
DRAWN BY: TMJ  
CHECKED BY: VTY

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\653384\shplan\m\166.dgn  
PLOT SCALE = 4.23525 / IN.  
USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	.	LOGAN	111	36

STA. TO STA. ILLINOIS FED. AID PROJECT

• 103 & 22(I,N,TS)  
PR STORM SEWER  
TY 1, WATER MAIN QUALITY  
105 L.F., 15" @ 0.40%

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NO. OF WAY CHECKED		
CADD FILE NAME		

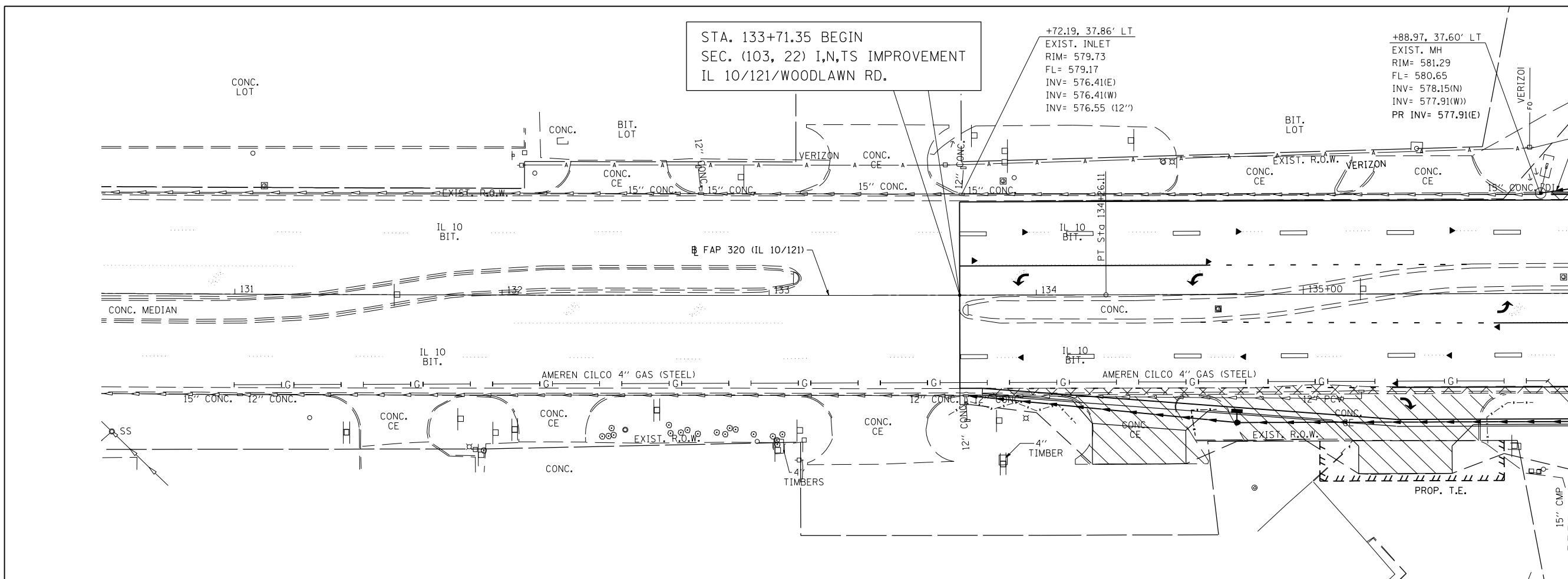
PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NO. OF WAY CHECKED		
STRUCTURE NOTATIONS CHKD		

PLOT DATE = 3/28/2007  
FILE NAME = c:\projects\66338A\shp&pad\ng\1101.dgn  
PLOT SCALE = 42.35' / IN.  
USER NAME = laughlin-1

STA. 133+71.35 BEGIN  
SEC. (103, 22) I,N,TS IMPROVEMENT  
IL 10/121/WOODLAWN RD.

+72.19, 37.86' LT  
EXIST. INLET  
RIM= 579.73  
FL= 579.17  
INV= 576.41(E)  
INV= 576.41(W)  
INV= 576.55 (12")

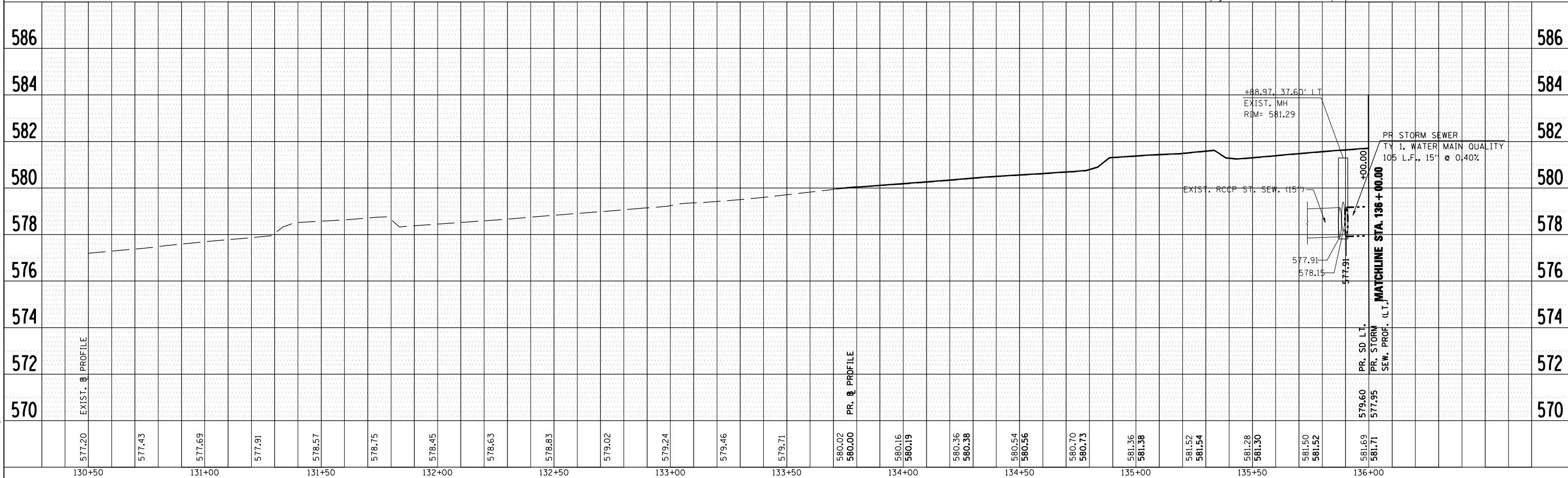
+88.97, 37.60' LT  
EXIST. MH  
RIM= 581.29  
FL= 580.65  
INV= 578.15(N)  
INV= 577.91(W)  
PR INV= 577.91(E)



MATCHLINE STA. 136+00.00

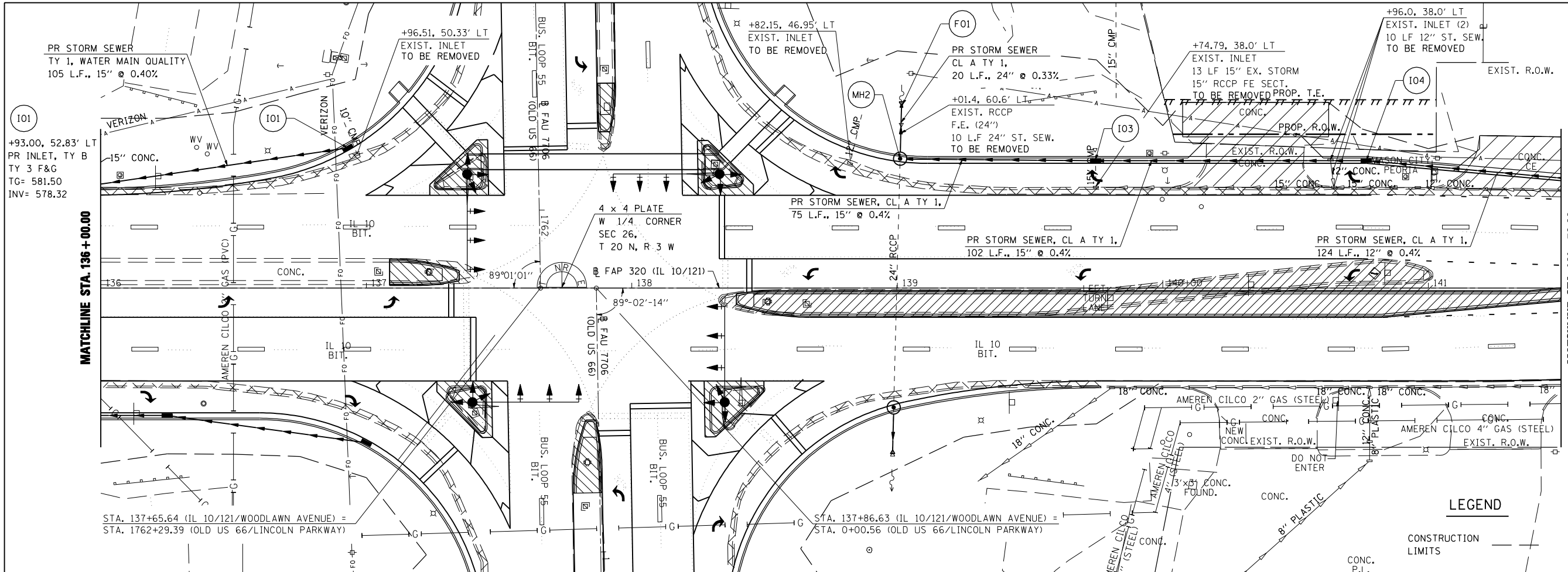
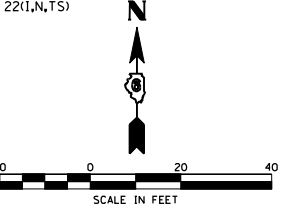
LEGEND

CONSTRUCTION LIMITS



FAP 320 (IL 10/121/WOODLAWN RD.) - LT. OF STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	37
STA. 320		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 103 & 221(N,TS)				

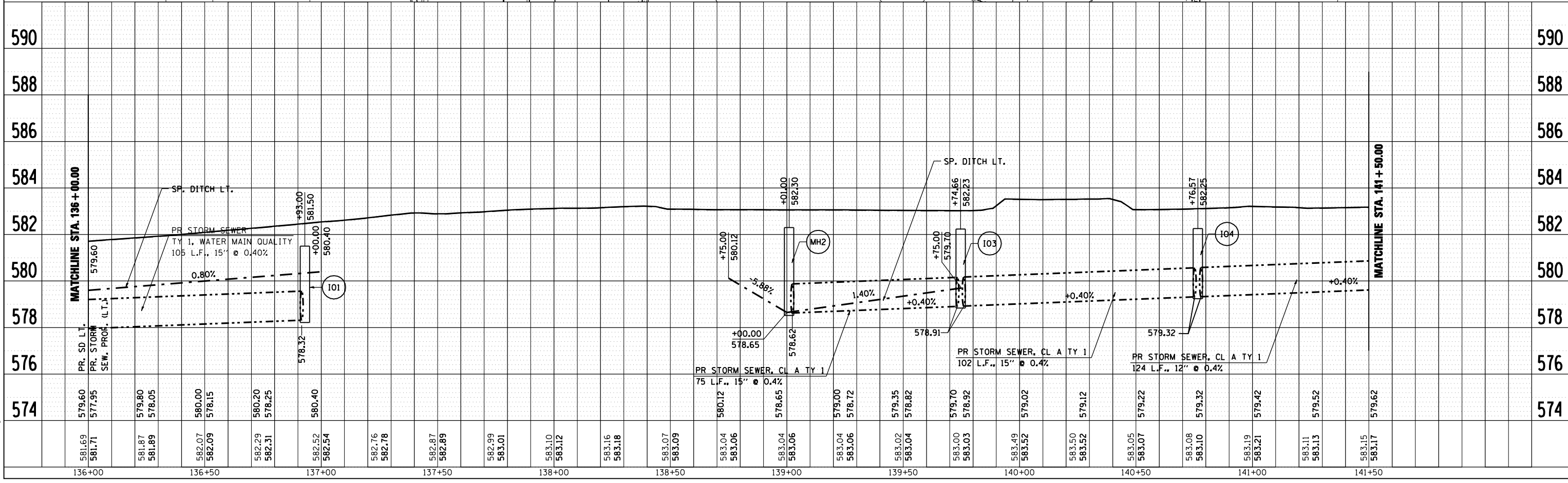


- LEGEND**
- MH2 +01.08, 48.76' LT  
PR MANHOLE TY A,  
5' Ø W/ TY 3 F&G  
TG= 582.30  
INV= 578.57(N)  
INV= 578.62(E)
  - F01 +01.73, 69.16' LT  
PR RCCP FE 24"  
FL= 578.63
  - 103 +74.66, 48.00' LT  
PR INLET TY B  
W/ TY 3 F&G  
AMEREN CILCO 4" GAS (STEEL)  
INV= 578.91(E)  
INV= 578.91(W)
  - 104 +76.57, 48.00' LT  
PR INLET TY B  
W/ TY 3 F&G  
TG= 582.25  
INV= 579.32(E)  
INV= 579.32(W)

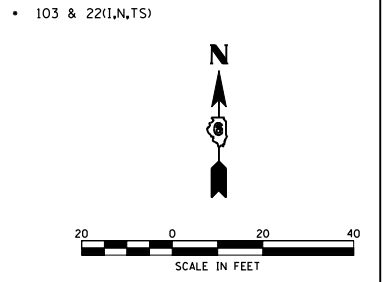
DATE	BY

DATE	BY

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\66338A\shp&pad\ng\1101.dgn  
 PLOT SCALE = 42.35' / IN.  
 USER NAME = laughlin-1



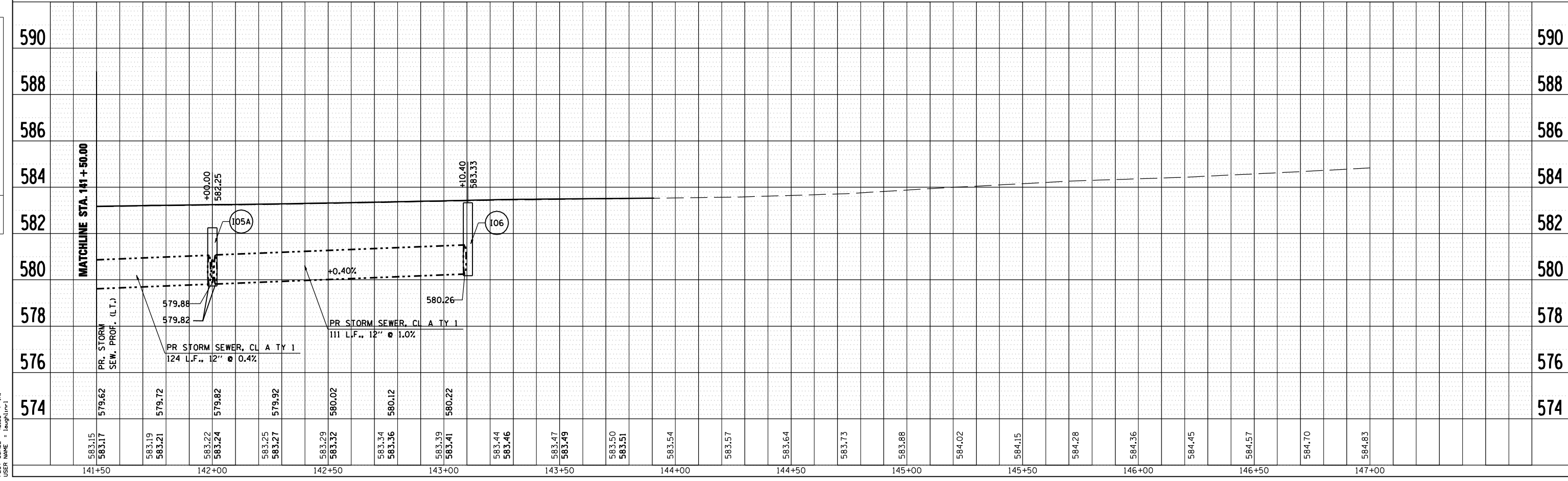
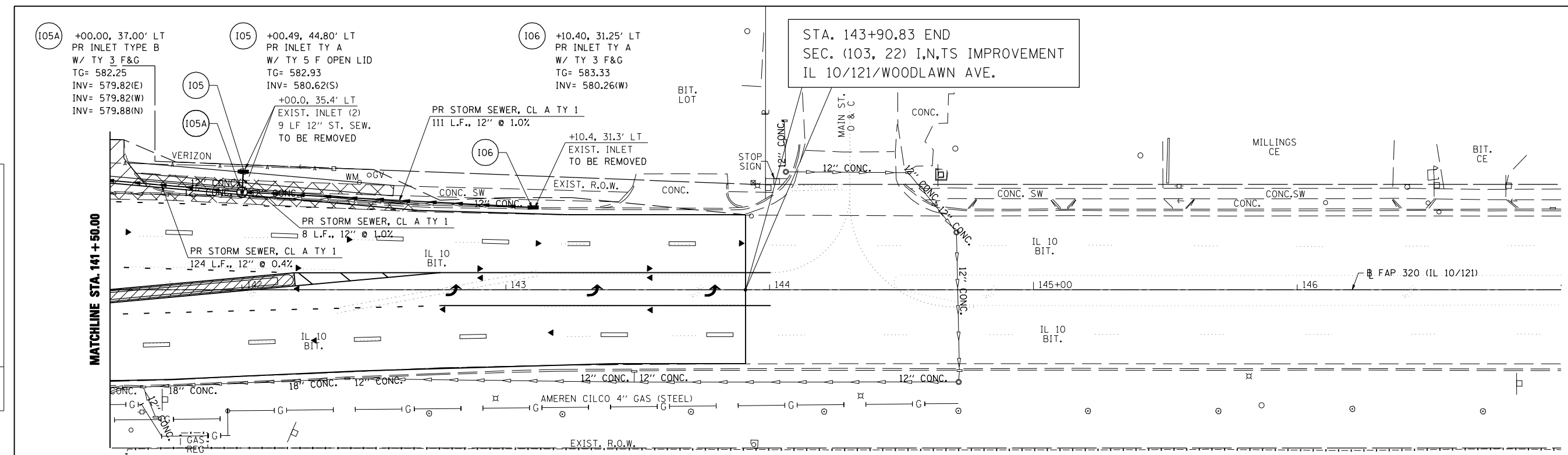
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	.	LOGAN	111	38
STA. 320		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
DATE	

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
DATE	

PLOT DATE = 3/28/2007  
 FILE NAME = c:\projects\683384\shp&pad\ng\101.dgn  
 PLOT SCALE = 42.35' / IN.  
 USER NAME = laughlin-1

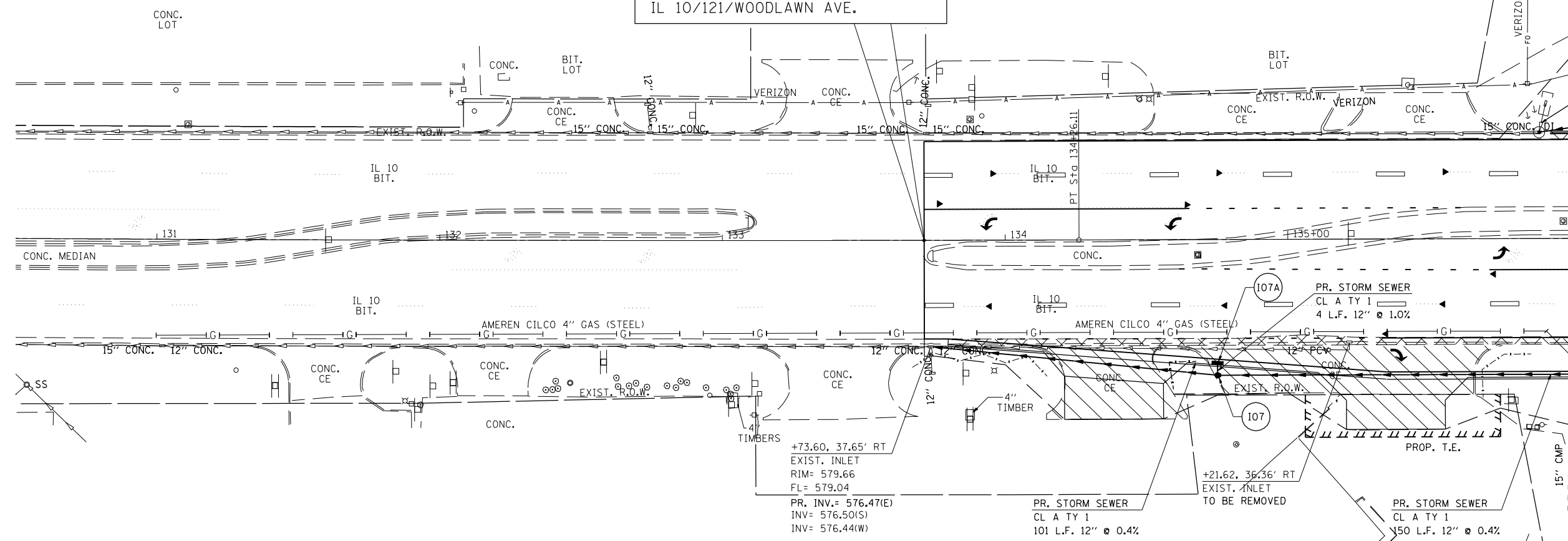


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 103 & 22(I,N,TS)



STA. 133+71.35 BEGIN  
SEC. (103, 22) I,N,TS IMPROVEMENT  
IL 10/121/WOODLAWN AVE.

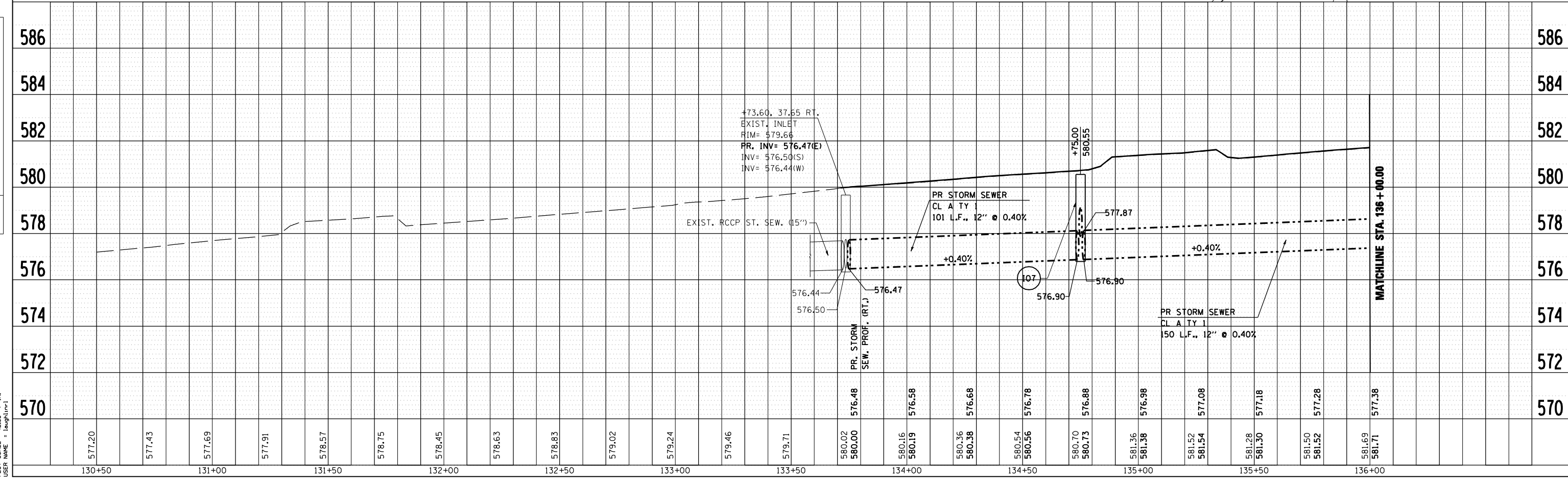


- LEGEND**
- CONSTRUCTION LIMITS
- 107A +75.00, 43.70' RT  
PR INLET TY A  
W/ TY 3 F&G  
TG= 580.03  
INV= 577.91(S)
  - 107 +75.00, 48.00' RT  
PR INLET TY A  
W/ TY 8 F&G  
TG= 580.55  
INV= 577.87(N)  
INV= 576.90(E)  
INV= 576.90(W)

PLAN	DATE
DATE	BY
DATE	BY
DATE	BY
DATE	BY

PROFILE	DATE
DATE	BY
DATE	BY
DATE	BY
DATE	BY

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\66338A\shp&pad\ng\1101.dgn  
PLOT SCALE = 42.35' / IN.  
USER NAME = laughlin-1

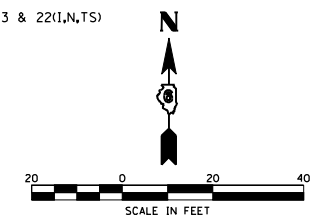


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	40
STA. 320		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

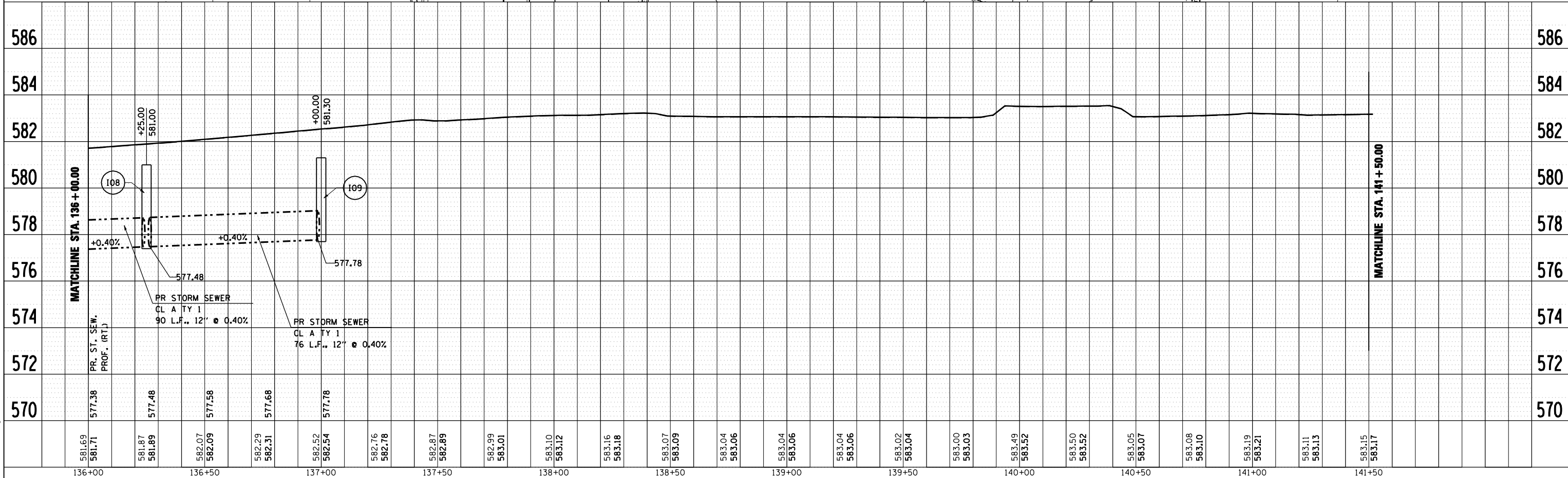
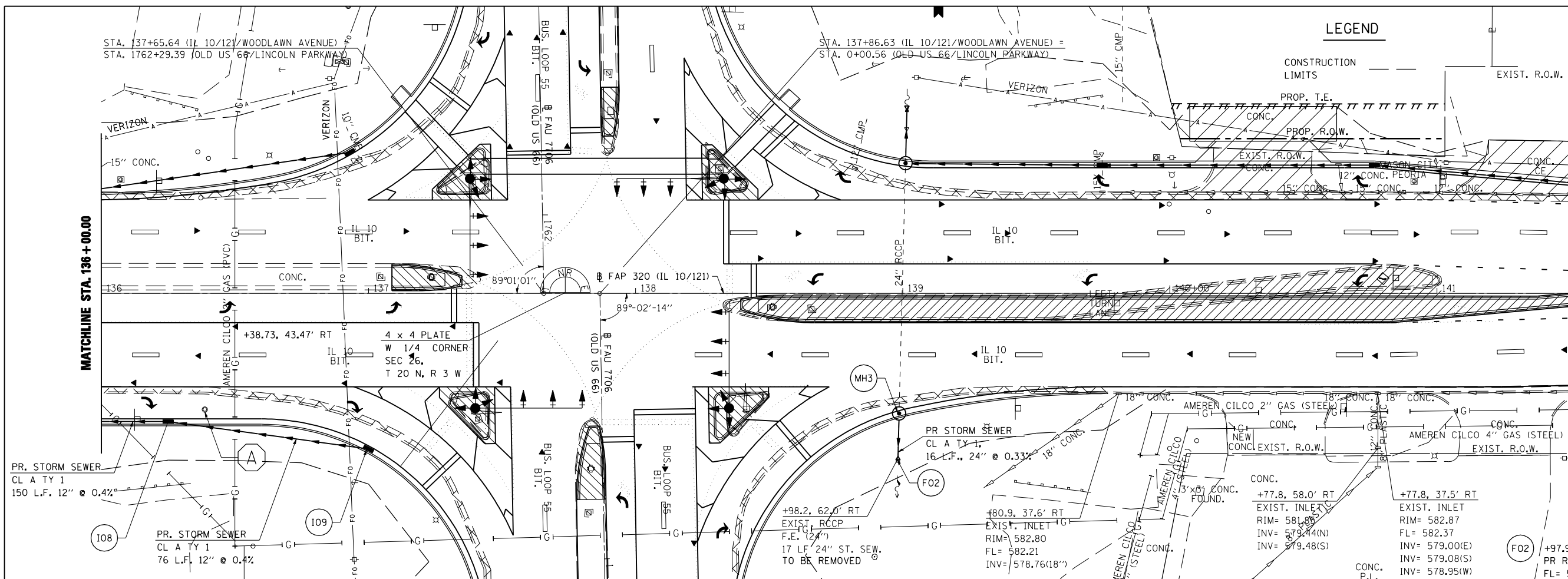
• 103 & 221(N,T5)

LEGEND

CONSTRUCTION LIMITS  
EXIST. R.O.W.



- 108 +25.00, 48.00' RT  
PR INLET TY A  
W/ TY 3 F&G  
TG= 581.00  
INV= 577.48(E)  
INV= 577.48(W)
- 109 +00.00, 58.25' RT  
PR INLET TY A  
W/ TY 3 F&G  
TG= 581.50  
INV= 577.78(W)
- A +38.73, 43.47' RT  
EXIST. MH  
TO BE ADJUSTED  
(FIELD VERIFY)
- MH3 +98.64, 45.00' RT  
PR MANHOLE TY A,  
5' Ø W/ TY 3 F&G  
TG= 582.25  
INV= 578.28(N)  
INV= 578.28(S)



PLAN

DATE	BY
SURVEYED	
PLOTTED	
CHECKED	
DATE	

PROFILE

DATE	BY
SURVEYED	
PLOTTED	
CHECKED	
DATE	

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\663384\shp&pad\ng\101.dgn  
 PLOT SCALE = 42.35' / IN.  
 USER NAME = laughlinr-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	41
STA. 320		TO STA. 41		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

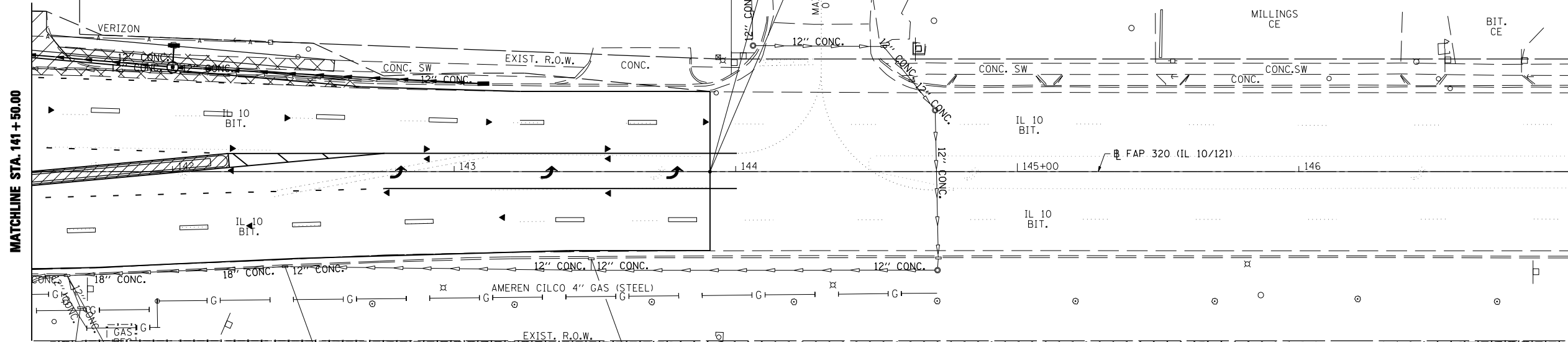
• 103 & 22(I,N,TS)



LEGEND

CONSTRUCTION LIMITS

STA. 143+90.83 END  
SEC. (103, 22) I,N,TS IMPROVEMENT  
IL 10/121/WOODLAWN RD.



+67.3, 48.5' RT EXIST. INLET RIM= 582.38 FL= 579.98(N)	+62.5, 37.0' RT EXIST. INLET RIM= 582.97 FL= 582.43 INV= 579.10(E) INV= 579.76(S) INV= 579.14(W)	+40.0, 33.7' RT EXIST. INLET RIM= 583.21 FL= 582.28 INV= 579.69(E) INV= 579.66(W)	+48.7, 31.0' RT EXIST. INLET RIM= 583.45 FL= 580.19
---	--	--	--

PLAN

DATE	BY

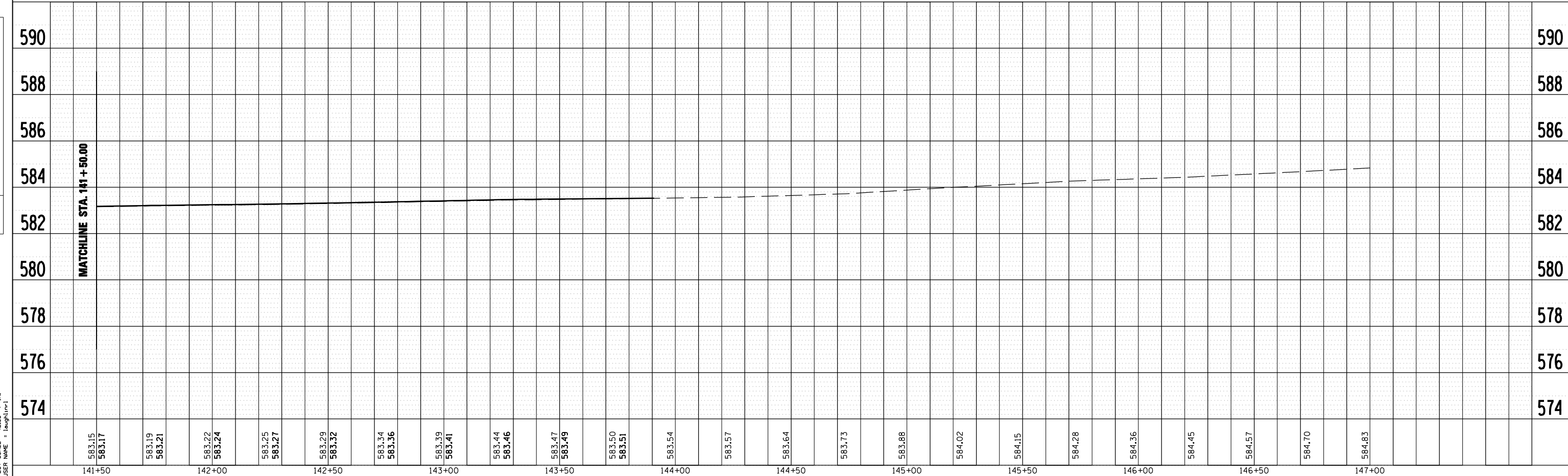
SURVEYED  
PLOTTED  
NOTE BOOK  
NO. \_\_\_\_\_

PROFILE

DATE	BY

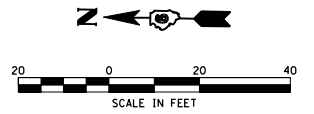
SURVEYED  
PLOTTED  
NOTE BOOK  
NO. \_\_\_\_\_

PLOT DATE = 3/26/2007  
FILE NAME = c:\projects\663384\shp&pad\ng\101.dgn  
PLOT SCALE = 4:25' / IN.  
USER NAME = laughlin-1



F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706	•	LOGAN	111	42
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

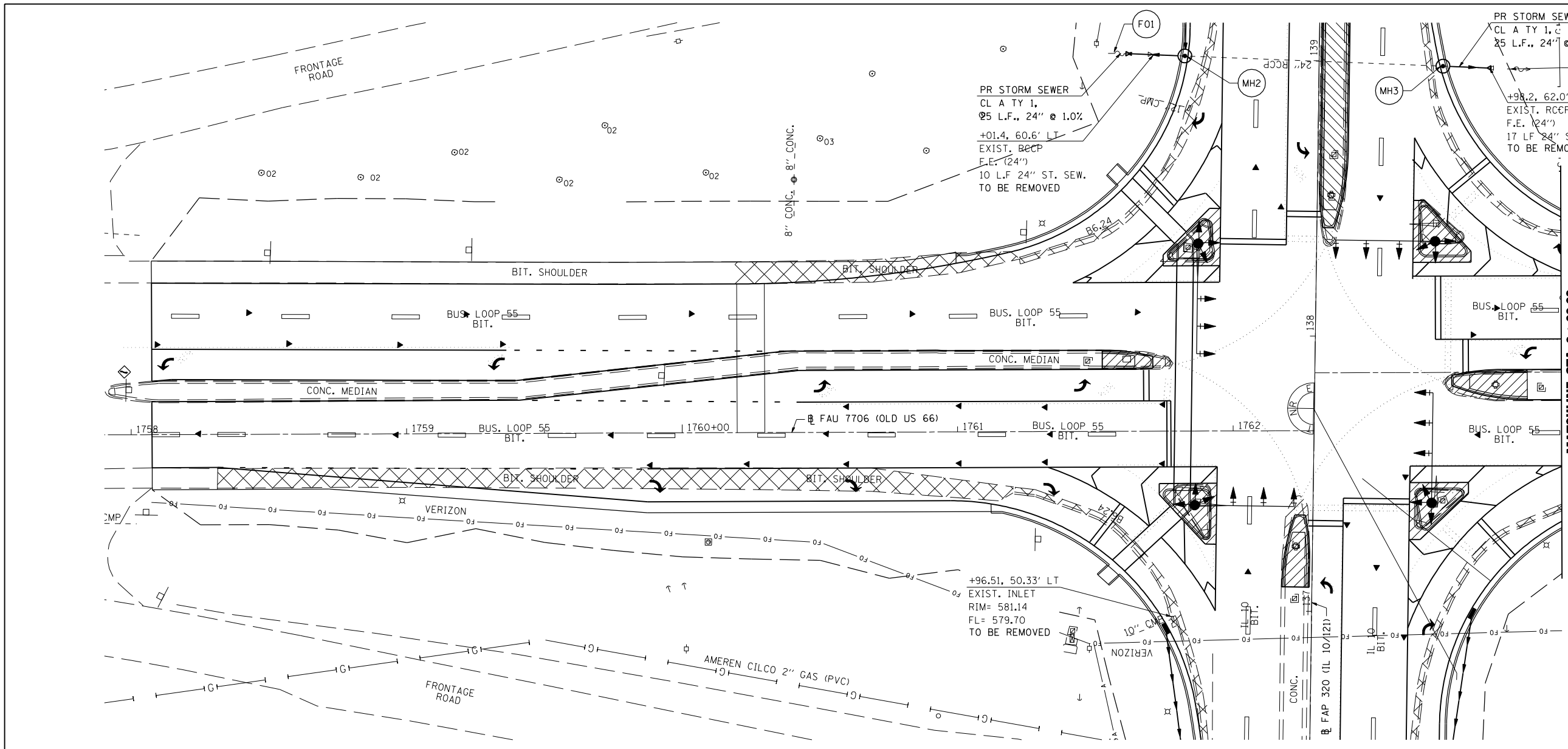
• 103 & 221(N,TS)



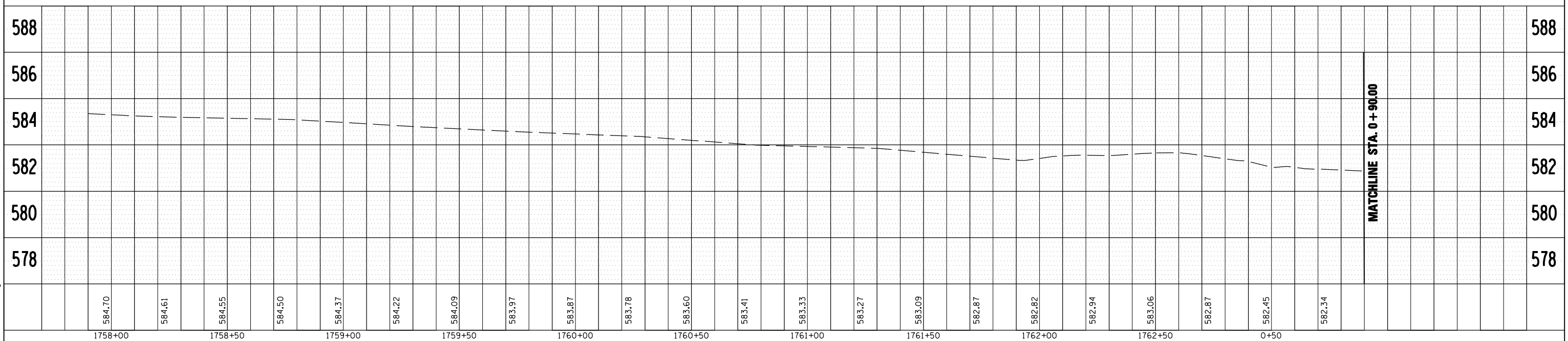
- MH2 +01.08, 48.76' LT  
PR MH TY A  
5' Ø W/ TY 3 F&G  
TG= 582.30  
INV= 578.57(N)  
INV= 578.57(S)  
INV= 578.62(E)
- F01 +01.73, 73.75' LT  
PR RCCP FE 24"  
FL= 578.82
- MH3 +98.64, 45.00' RT  
PR MH TY A  
5' Ø W/ TY 3 F&G  
TG= 582.25  
INV= 578.24(N)  
INV= 578.24(S)
- F02 +97.95, 69.54' RT  
PR RCCP FE 24"  
FL= 578.21

LEGEND

CONSTRUCTION LIMITS



MATCHLINE STA. 0 + 90.00



MATCHLINE STA. 0 + 90.00

PLAN

DATE	BY	SURVEYED
		NOTED
		CHECKED
		DATE

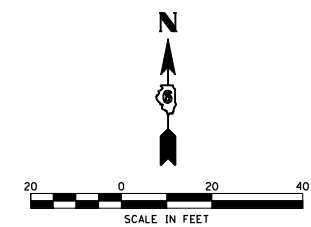
PROFILE

DATE	BY	SURVEYED
		NOTED
		CHECKED
		DATE

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\663384\shpland-rng663.dgn  
 PLOT SCALE = 42.3528 / IN.  
 USER NAME = laughlinr1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320 (103, 22) I, N, TS		LOGAN	111	44
STA. 133+71.35		TO STA. 139+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

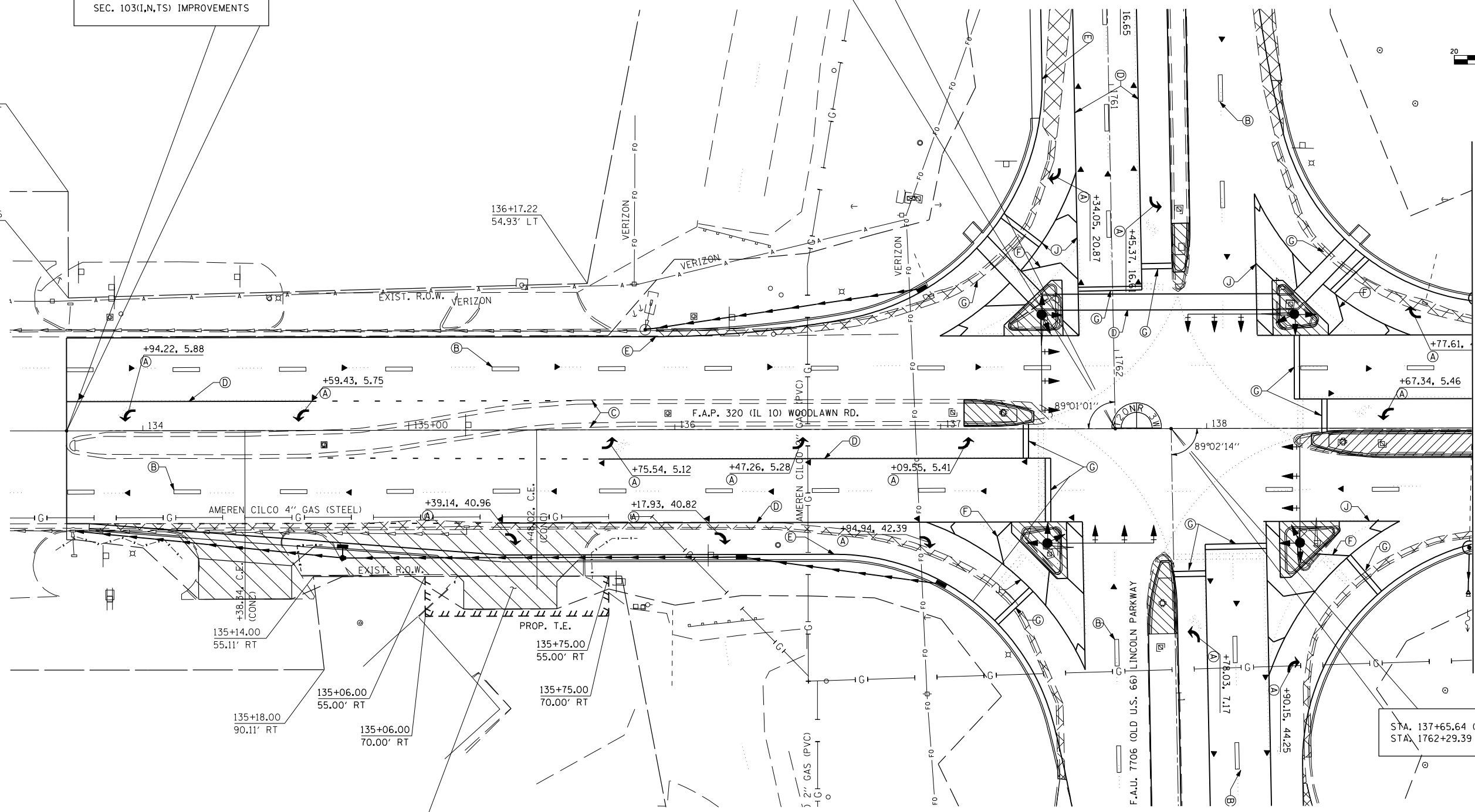


STA. 137+86.63 (IL 10/121/WOODLAWN RD) =  
STA. 0+00.56 (OLD US 66/LINCOLN PARKWAY)

STA. 133+71.35 BEGIN  
SEC. 103(I,N,TS) IMPROVEMENTS

MATCH LINE STA. 139+00.00

STA. 137+65.64 (IL 10/121/WOODLAWN RD) =  
STA. 1762+29.39 (OLD US 66/LINCOLN PARKWAY)



6184101TE

DOUGLAS G. SHUMARD  
&  
WILLIAM R. & JACKIE L. SHUMARD  
SE 1/4, SECTION 26, T20N, R3W, 3rd P.M.

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	AREA REMAINING	EASEMENT AREA		EASEMENT PURPOSE
					PERMANENT	TEMPORARY	
6184101TE	DOUGLAS G. SHUMARD & WILLIAM R. & JACKIE L. SHUMARD					1,035 SQ. FT. 0.024 ACRES	ENTRANCE CONSTRUCTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY DETAILS**

F.A.P. 320 (IL 10)  
SEC. (103, 22) I, N, TS  
LOGAN COUNTY  
LINCOLN, IL.

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 05-23-05

DRAWN BY: TMJ  
CHECKED BY: VTY

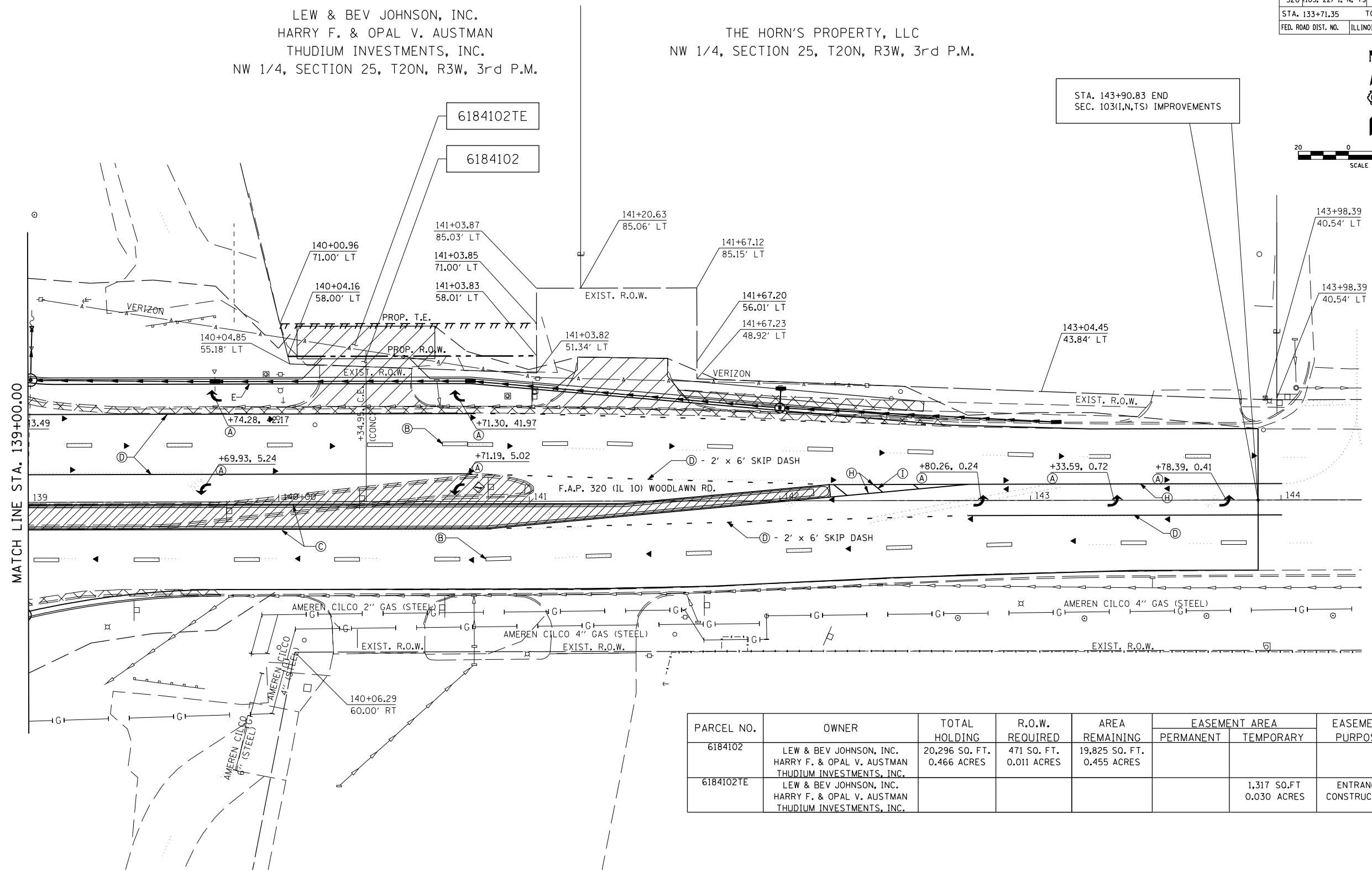
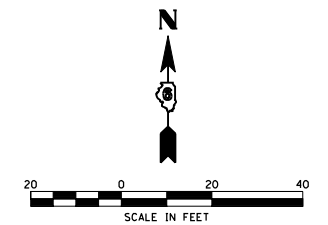
PLOT DATE = 3/28/2007  
 FILE NAME = c:\projects\65338A\shplanprow.dgn  
 PLOT SCALE = 42,352% / IN.  
 USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320 (103, 22) I, N, TS		LOGAN	111	45
STA. 133+71.35 TO STA. 139+00.00		FED. AID PROJECT		

LEW & BEV JOHNSON, INC.  
 HARRY F. & OPAL V. AUSTMAN  
 THUDIUM INVESTMENTS, INC.  
 NW 1/4, SECTION 25, T20N, R3W, 3rd P.M.

THE HORN'S PROPERTY, LLC  
 NW 1/4, SECTION 25, T20N, R3W, 3rd P.M.

STA. 143+90.83 END  
 SEC. 103(1,N,TS) IMPROVEMENTS



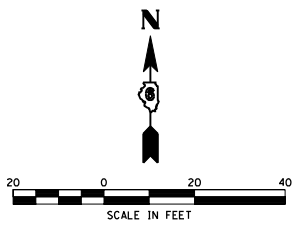
PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	AREA REMAINING	EASEMENT AREA		EASEMENT PURPOSE
					PERMANENT	TEMPORARY	
6184102	LEW & BEV JOHNSON, INC. HARRY F. & OPAL V. AUSTMAN THUDIUM INVESTMENTS, INC.	20,296 SQ. FT. 0.466 ACRES	471 SQ. FT. 0.011 ACRES	19,825 SQ. FT. 0.455 ACRES			
6184102TE	LEW & BEV JOHNSON, INC. HARRY F. & OPAL V. AUSTMAN THUDIUM INVESTMENTS, INC.					1,317 SQ.FT 0.030 ACRES	ENTRANCE CONSTRUCTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY DETAILS**  
 F.A.P. 320 (IL 10)  
 SEC. (103, 22) I, N, TS  
 LOGAN COUNTY  
 LINCOLN, IL.  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 05-23-05  
 DRAWN BY: TMJ  
 CHECKED BY: VTY

PLOT DATE = 3/28/2007  
 FILE NAME = c:\projects\653380\shp\propow.dgn  
 PLOT SCALE = 42.3525 / IN.  
 USER NAME = laughlin-1

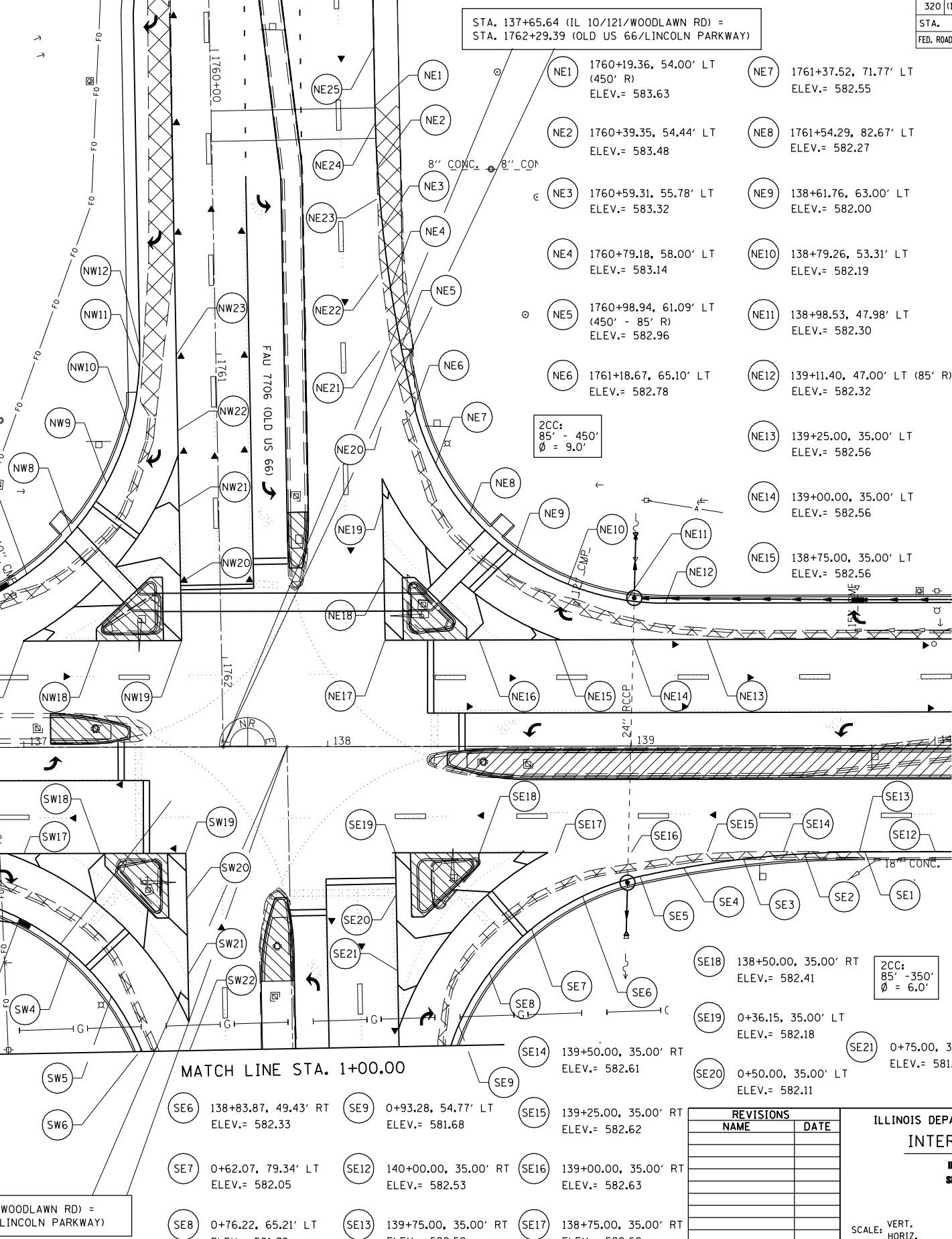
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 221), N.T.S.	LOGAN	111	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- NW1 135+92.94, 35.00' LT (400' R) ELEV.= 581.12
- NW2 136+12.93, 35.50' LT ELEV.= 581.26
- NW3 136+32.88, 37.00' LT ELEV.= 581.39
- NW4 136+52.72, 39.49' LT ELEV.= 581.49
- NW5 136+64.49, 41.45' LT (400' - 90' R) ELEV.= 581.55
- NW6 136+83.65, 47.19' LT ELEV.= 581.61
- NW7 137+01.07, 57.02' LT ELEV.= 581.72
- NW8 1761+58.09, 48.54' RT ELEV.= 581.82
- NW9 1761+41.91, 36.78' RT ELEV.= 582.02
- NW10 1761+23.54, 28.88' RT ELEV.= 582.42
- NW11 1761+03.87, 25.23' RT ELEV.= 582.82
- NW12 1760+97.40, 25.00' RT (90' R) ELEV.= 582.89
- SW1 136+59.83, 47.00' RT (85' R) ELEV.= 581.39
- SW2 136+79.69, 49.35' RT ELEV.= 581.51
- SW3 136+98.45, 56.28' RT ELEV.= 518.55
- SW4 137+15.08, 67.40' RT ELEV.= 581.50
- SW5 0+81.67, 59.36' RT ELEV.= 581.45
- SW6 1+00.00, 49.90' RT ELEV.= 581.40
- SW14 136+25.00, 35.00' RT ELEV.= 581.34
- SW15 136+50.00, 35.00' RT ELEV.= 581.54

- NW13 136+00.00, 35.00' LT ELEV.= 581.17
- NW14 136+25.00, 35.00' LT ELEV.= 581.37
- NW15 136+50.00, 35.00' LT ELEV.= 581.56
- NW16 136+75.00, 35.00' LT ELEV.= 581.76
- NW17 137+00.00, 35.00' LT ELEV.= 582.01
- NW18 137+25.00, 35.00' LT ELEV.= 582.26
- NW19 1761+94.16, 13.00' RT ELEV.= 582.54
- NW20 1761+75.00, 13.00' RT ELEV.= 582.65
- NW21 1761+50.00, 13.00' RT ELEV.= 582.79
- SW16 136+75.00, 35.00' RT ELEV.= 581.76
- SW17 137+00.00, 35.00' RT ELEV.= 581.99
- SW18 137+25.00, 35.00' RT ELEV.= 582.01
- SW19 0+34.99, 34.00' RT ELEV.= 582.03
- SW20 0+50.00, 34.00' RT ELEV.= 581.94

- NW22 1761+25.00, 13.00' RT ELEV.= 583.00
- NW23 1761+00.00, 13.00' RT ELEV.= 583.12
- SW14 136+25.00, 35.00' RT ELEV.= 581.34
- SW15 136+50.00, 35.00' RT ELEV.= 581.54
- SW16 136+75.00, 35.00' RT ELEV.= 581.76
- SW17 137+00.00, 35.00' RT ELEV.= 581.99
- SW18 137+25.00, 35.00' RT ELEV.= 582.01
- SW19 0+34.99, 34.00' RT ELEV.= 582.03
- SW20 0+50.00, 34.00' RT ELEV.= 581.94
- SW21 0+75.00, 34.00' RT ELEV.= 581.80
- SW22 1+00.00, 34.00' RT ELEV.= 581.66



STA. 137+65.64 (IL 10/121/WOODLAWN RD) =  
STA. 1762+29.39 (OLD US 66/LINCOLN PARKWAY)

2CC:  
90° - 400'  
Ø = 5.0'

2CC:  
85° - 450'  
Ø = 9.0'

2CC:  
85° - 350'  
Ø = 6.0'

2CC:  
85° - 450'  
Ø = 10.0'

STA. 137+86.63 (IL 10/121/WOODLAWN RD) =  
STA. 0+00.56 (OLD US 66/LINCOLN PARKWAY)

MATCH LINE STA. 1+00.00

- SW14 136+25.00, 35.00' RT ELEV.= 581.34
- SW15 136+50.00, 35.00' RT ELEV.= 581.54

- SE6 138+83.87, 49.43' RT ELEV.= 582.33
- SE7 0+62.07, 79.34' LT ELEV.= 582.05
- SE8 0+76.22, 65.21' LT ELEV.= 581.79
- SE9 0+93.28, 54.77' LT ELEV.= 581.68
- SE10 140+00.00, 35.00' RT ELEV.= 582.53
- SE11 139+75.00, 35.00' RT ELEV.= 582.59
- SE12 139+25.00, 35.00' RT ELEV.= 582.62
- SE13 139+00.00, 35.00' RT ELEV.= 582.63
- SE14 139+50.00, 35.00' RT ELEV.= 582.61
- SE15 139+25.00, 35.00' RT ELEV.= 582.62
- SE16 139+00.00, 35.00' RT ELEV.= 582.63
- SE17 138+75.00, 35.00' RT ELEV.= 582.62

REVISIONS	
NAME	DATE

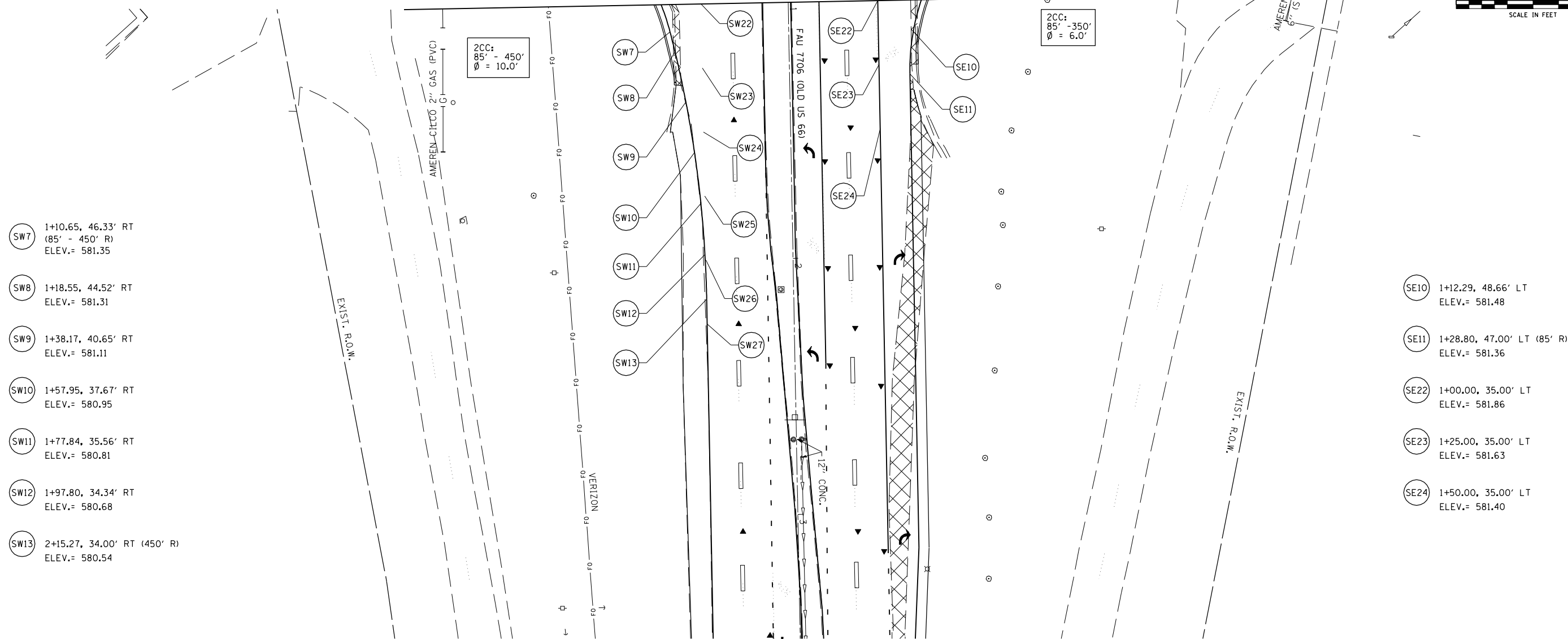
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
IL 10/121/WOODLAWN RD.  
SECTION 103 & 22(N.T.S)  
LOGAN COUNTY  
LINCOLN, IL  
SCALE: VERT. HORIZ.  
DATE 09-20-2005  
DRAWN BY TMJ  
CHECKED BY VTY

PLOT DATE = 3/28/2007  
FILE NAME = c:\projects\65338A\shimdetail.dgn  
PLOT SCALE = 42.3524 / IN.  
USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22)(N,TS)	LOGAN	111	47
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MATCH LINE STA. 1+00.00



- SW7 1+10.65, 46.33' RT (85' - 450' R) ELEV.= 581.35
- SW8 1+18.55, 44.52' RT ELEV.= 581.31
- SW9 1+38.17, 40.65' RT ELEV.= 581.11
- SW10 1+57.95, 37.67' RT ELEV.= 580.95
- SW11 1+77.84, 35.56' RT ELEV.= 580.81
- SW12 1+97.80, 34.34' RT ELEV.= 580.68
- SW13 2+15.27, 34.00' RT (450' R) ELEV.= 580.54

- SE10 1+12.29, 48.66' LT ELEV.= 581.48
- SE11 1+28.80, 47.00' LT (85' R) ELEV.= 581.36
- SE22 1+00.00, 35.00' LT ELEV.= 581.86
- SE23 1+25.00, 35.00' LT ELEV.= 581.63
- SE24 1+50.00, 35.00' LT ELEV.= 581.40

2CC: 85' - 450' Ø = 10.0'

2CC: 85' - 350' Ø = 6.0'

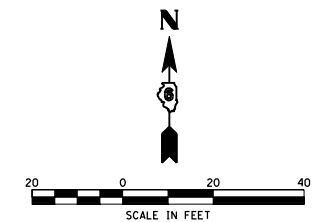
PLOT DATE : 3/26/2007  
 FILE NAME : c:\projects\653380\shumdetail.dgn  
 PLOT SCALE : 42,352% / IN.  
 USER NAME : laughlin-1

REVISIONS	
NAME	DATE

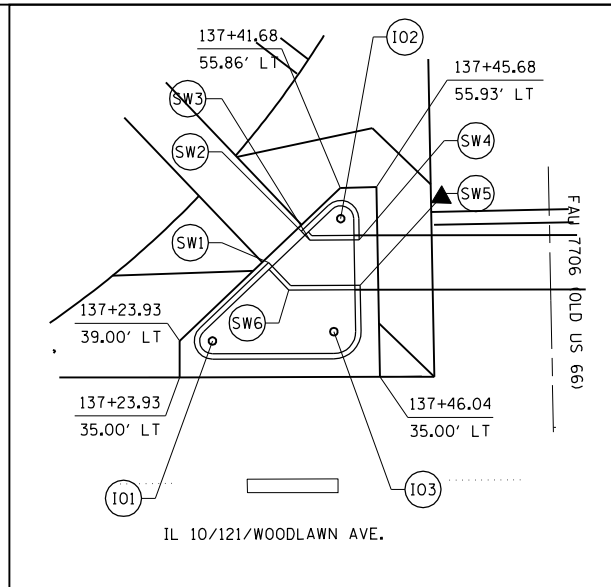
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAIL**  
 IL 10121/WOODLAWN AVE.  
 SECTION 103 & 22(N,TS)  
 LOGAN COUNTY  
 LINCOLN, IL

SCALE: VERT. DATE 09-20-2005  
 HORIZ.  
 DRAWN BY TMJ  
 CHECKED BY VTY

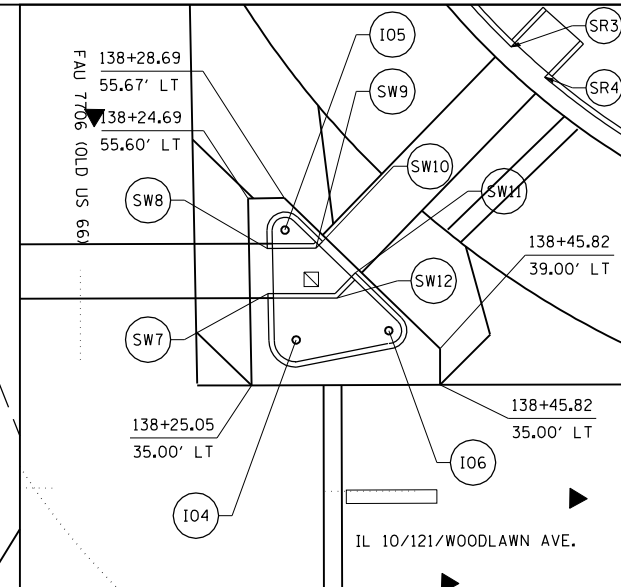
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



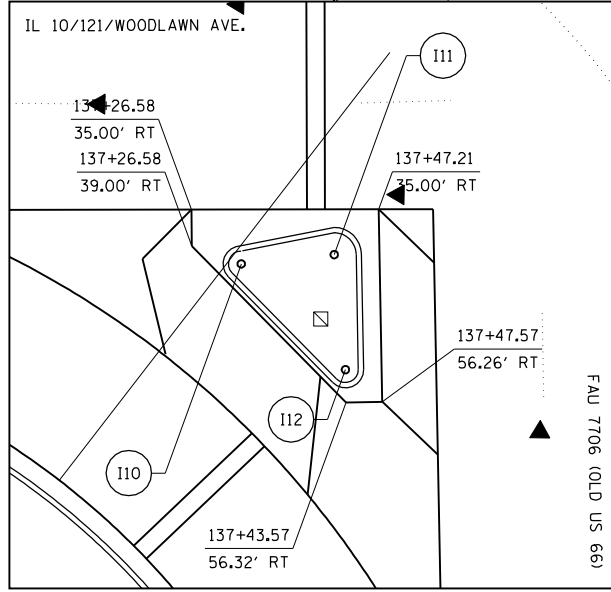
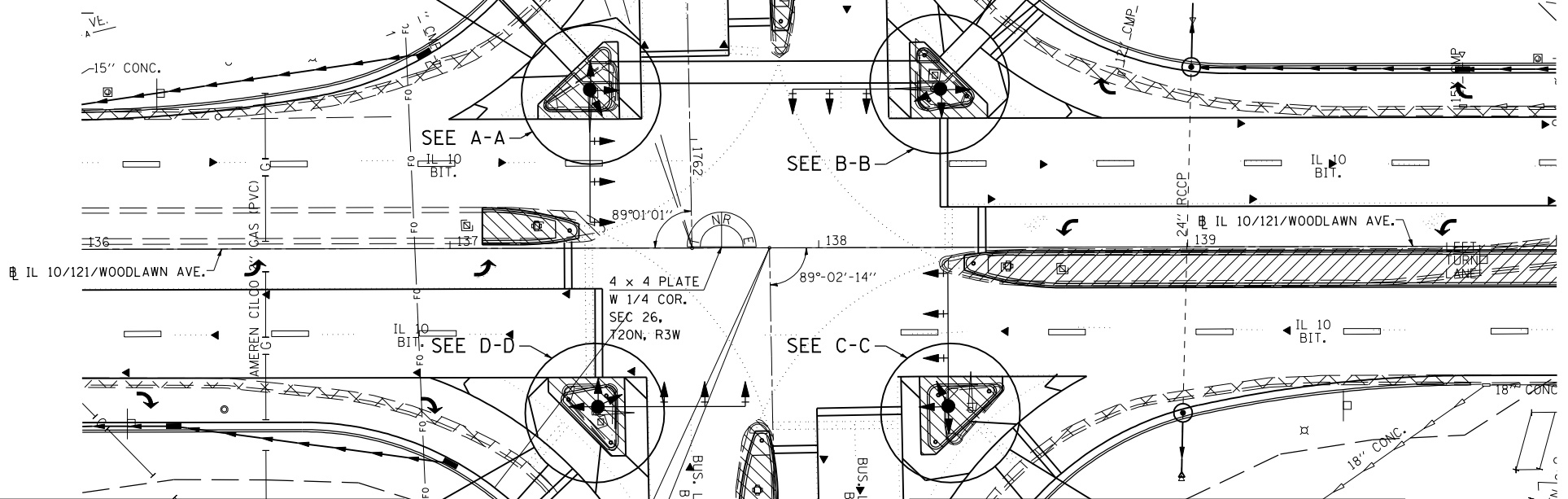
- (I01) 137+27.56, 39.00' LT  
2.0' R CURB FACE
- (I02) 137+41.74, 52.47' LT  
2.0' R CURB FACE
- (I03) 137+40.95, 40.00' LT  
3.0' R CURB FACE
- (SW1) 137+33.76, 47.65' LT  
CURB/CROSSWALK FACE
- (SW2) 137+37.39, 51.10' LT  
CURB/CROSSWALK FACE
- (SW3) 137+38.33, 50.11' LT  
PI CROSSWALK FACE
- (SW4) 137+43.78, 50.11' LT  
CURB/CROSSWALK FACE
- (SW5) 137+43.86, 45.11' LT  
CURB/CROSSWALK FACE
- (SW6) 137+35.97, 44.61' LT  
PI CROSSWALK FACE
- (SR1) 137+12.65, 69.88' LT  
PR SIDEWALK RAMP
- (SR2) 137+15.98, 73.64' LT  
PR SIDEWALK RAMP



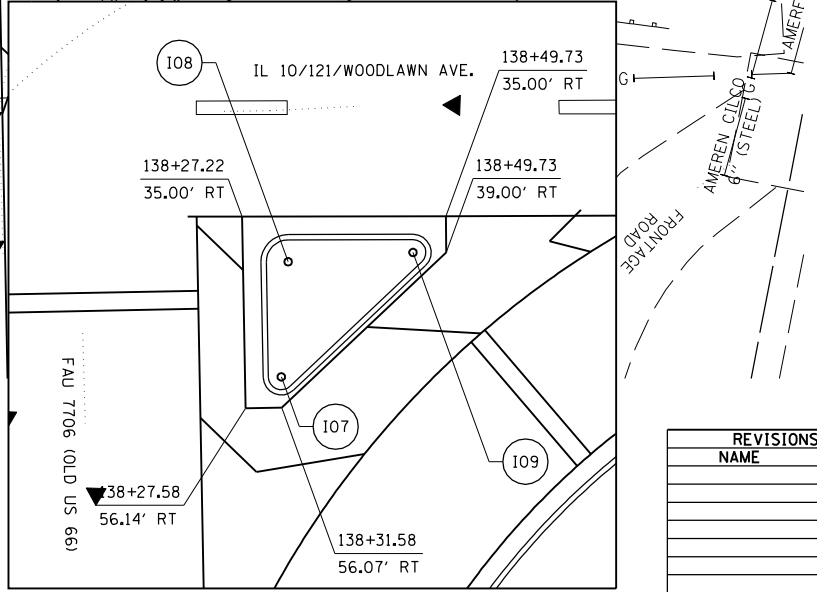
ISLAND DETAIL A-A



ISLAND DETAIL B-B



ISLAND DETAIL D-D



ISLAND DETAIL C-C

- (I04) 138+29.96, 40.00' LT  
3.0' R CURB FACE
- (I05) 138+28.76, 52.12' LT  
2.0' R CURB FACE
- (I06) 138+40.18, 41.00' LT  
2.0' R CURB FACE
- (SW7) 138+26.88, 45.11' LT  
CURB/CROSSWALK FACE
- (SW8) 138+26.76, 50.11' LT  
CURB/CROSSWALK FACE
- (SW9) 138+32.17, 50.11' LT  
PI CROSSWALK FACE
- (SW10) 138+32.91, 50.87' LT  
CURB/CROSSWALK FACE
- (SW11) 138+36.49, 47.38' LT  
CURB/CROSSWALK FACE
- (SW12) 138+34.49, 44.61' LT  
PI CROSSWALK FACE
- (SR3) 138+53.75, 72.28' LT  
PR SIDEWALK RAMP
- (SR4) 138+57.46, 68.92' LT  
PR SIDEWALK RAMP

- (I07) 138+31.52, 52.70' RT  
4.0' R CURB FACE
- (I08) 138+32.31, 40.00' RT  
6.0' R CURB FACE
- (I09) 138+46.08, 39.00' RT  
4.0' R CURB FACE

- (I10) 137+32.04, 41.00' RT  
4.0' R CURB FACE
- (I11) 137+42.30, 40.00' RT  
6.0' R CURB FACE
- (I12) 137+43.51, 52.69' RT  
4.0' R CURB FACE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ISLAND DETAILS**  
 IL 10/121/WOODLAWN RD.  
 SECTION 103 & 22(L,N,T,S)  
 LOGAN COUNTY  
 LINCOLN, IL

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 07-25-05

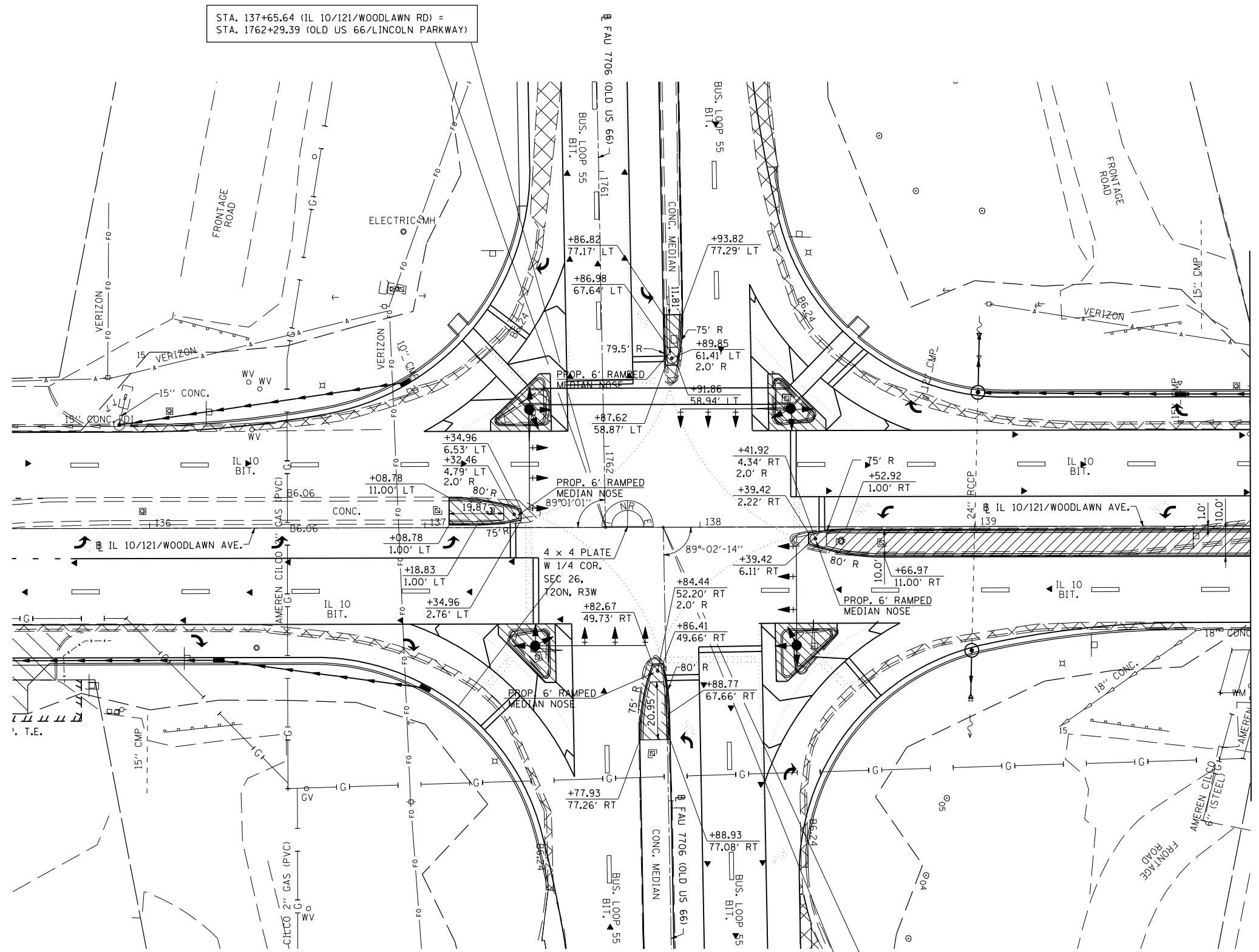
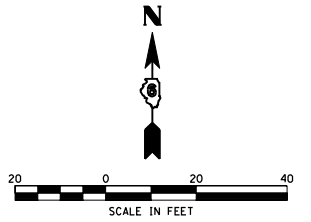
DRAWN BY: TMJ  
 CHECKED BY: VTY

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\653384\shdet0118.mxd  
 PLOT SCALE = 42.3525 / IN.  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 103 & 22(I,N,TS)



STA. 137+65.64 (IL 10/121/WOODLAWN RD) =  
STA. 1762+29.39 (OLD US 66/LINCOLN PARKWAY)

STA. 137+86.63 (IL 10/121/WOODLAWN RD) =  
STA. 0+00.56 (OLD US 66/LINCOLN PARKWAY)

MATCHLINE STA. 140+00.00

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\653384\shd\detail18.mxd  
 PLOT SCALE = 42.3525 / IN.  
 USER NAME = laughlin-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

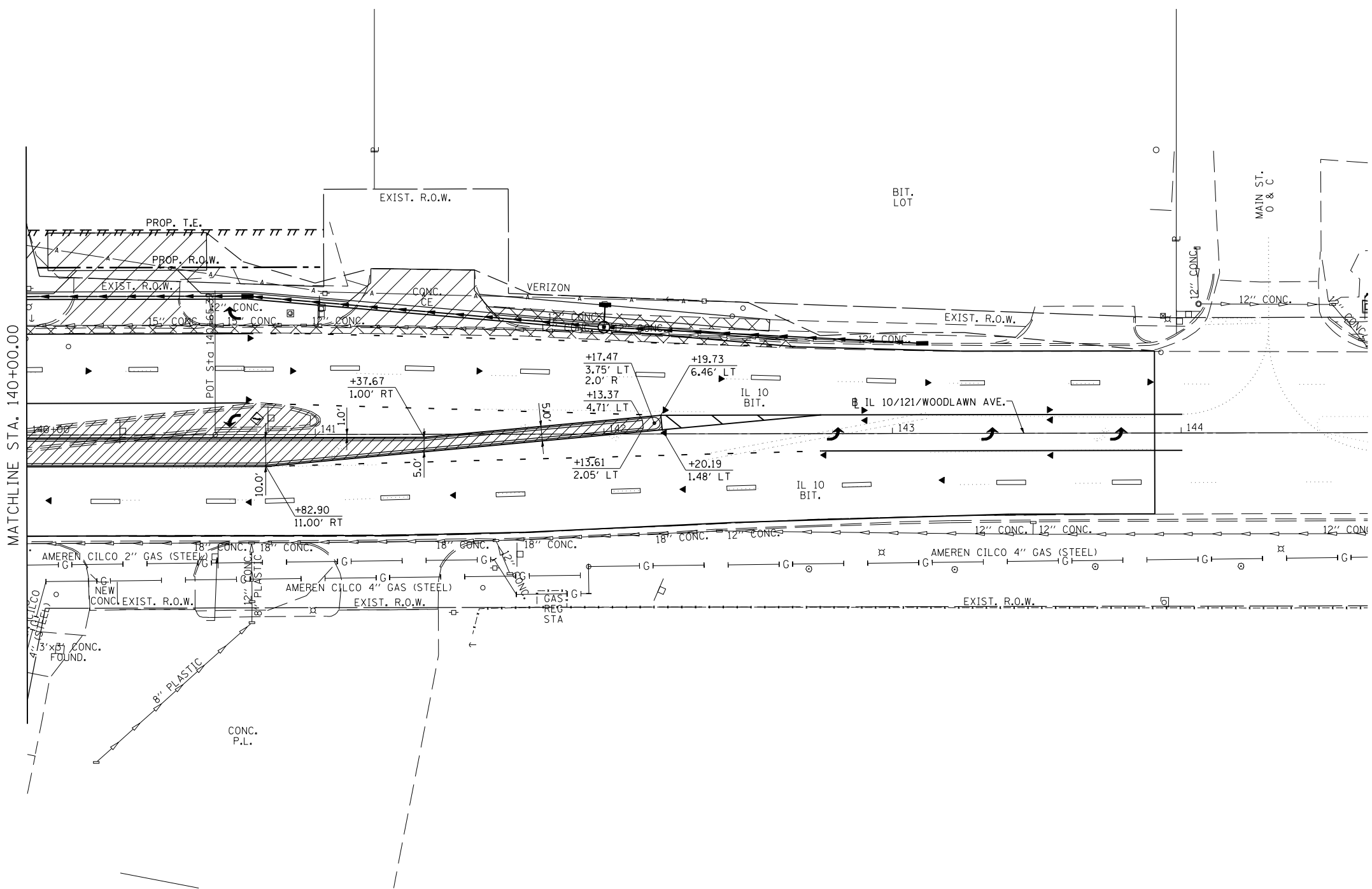
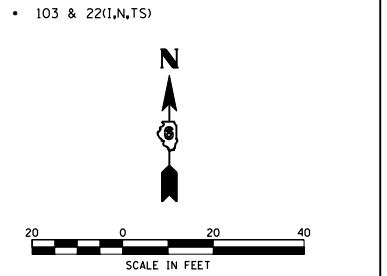
**MEDIAN DETAILS**

IL 10/121/WOODLAWN RD.  
SECTION 103 & 22(I,N,TS)  
LOGAN COUNTY  
LINCOLN, IL

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 07-25-05

DRAWN BY: TMJ  
CHECKED BY: VTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	50
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 3/26/2007  
 FILE NAME = c:\projects\653384\shdetail1.mxd  
 PLOT SCALE = 42.3525 / IN.  
 USER NAME = laughlin-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MEDIAN DETAILS**

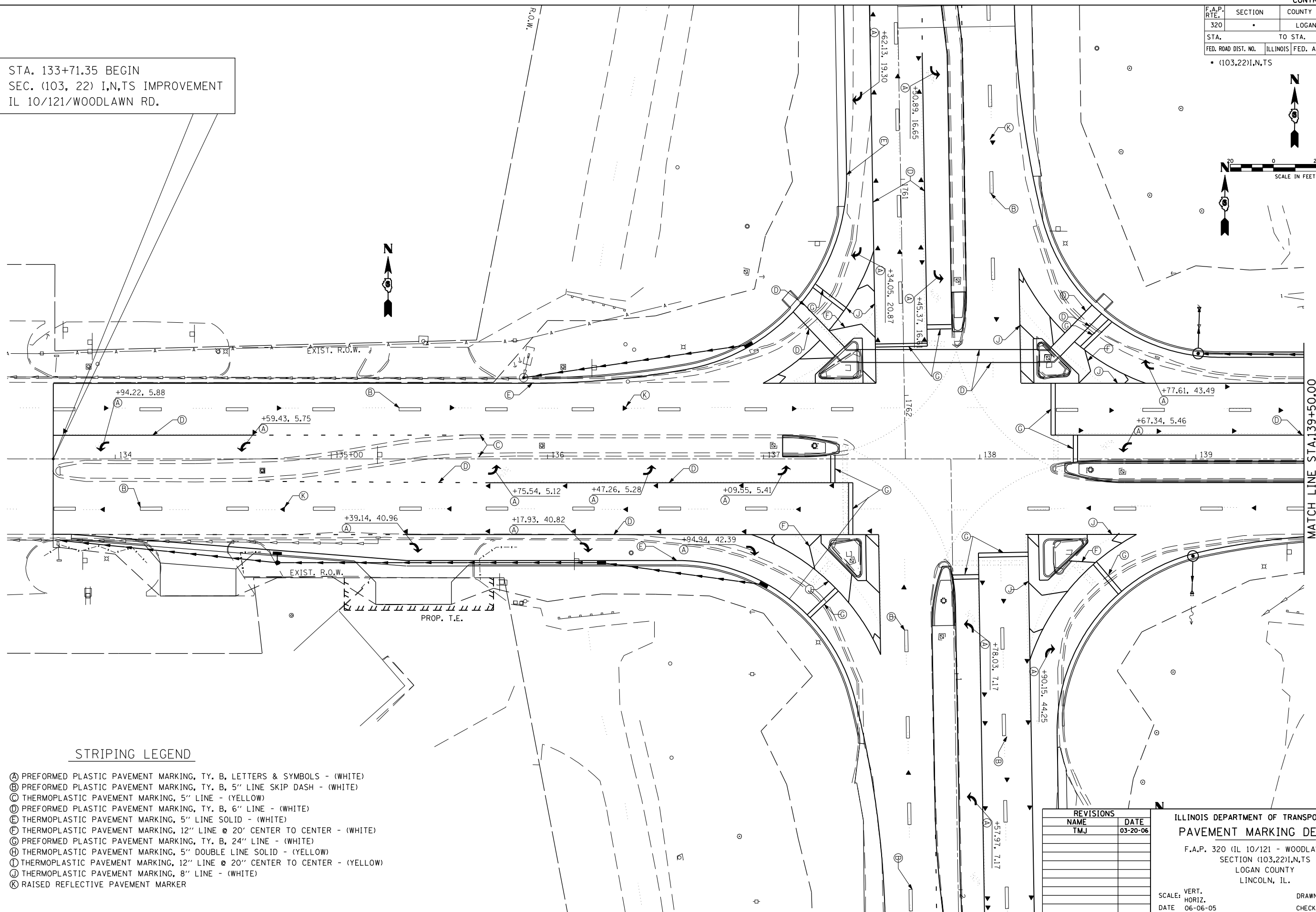
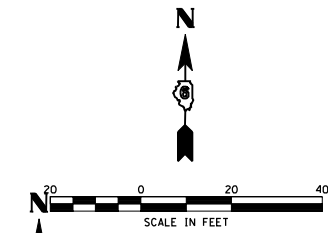
IL 10121 WOODLAWN RD.  
 SECTION 103 & 22(I,N,TS)  
 LOGAN COUNTY  
 LINCOLN, IL

SCALE: VERT. 1"=10'  
 HORIZ. 1"=40'  
 DATE 07-25-05

DRAWN BY TMJ  
 CHECKED BY VTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (103,22)I,N,TS				

STA. 133+71.35 BEGIN  
SEC. (103, 22) I,N,TS IMPROVEMENT  
IL 10/121/WOODLAWN RD.



STRIPING LEGEND

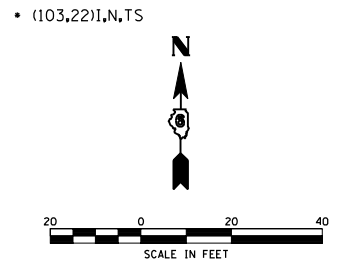
- (A) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, LETTERS & SYMBOLS - (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 5" LINE SKIP DASH - (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING, 5" LINE - (YELLOW)
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 6" LINE - (WHITE)
- (E) THERMOPLASTIC PAVEMENT MARKING, 5" LINE SOLID - (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20' CENTER TO CENTER - (WHITE)
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 24" LINE - (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING, 5" DOUBLE LINE SOLID - (YELLOW)
- (I) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20" CENTER TO CENTER - (YELLOW)
- (J) THERMOPLASTIC PAVEMENT MARKING, 8" LINE - (WHITE)
- (K) RAISED REFLECTIVE PAVEMENT MARKER

REVISIONS	
NAME	DATE
TMJ	03-20-06

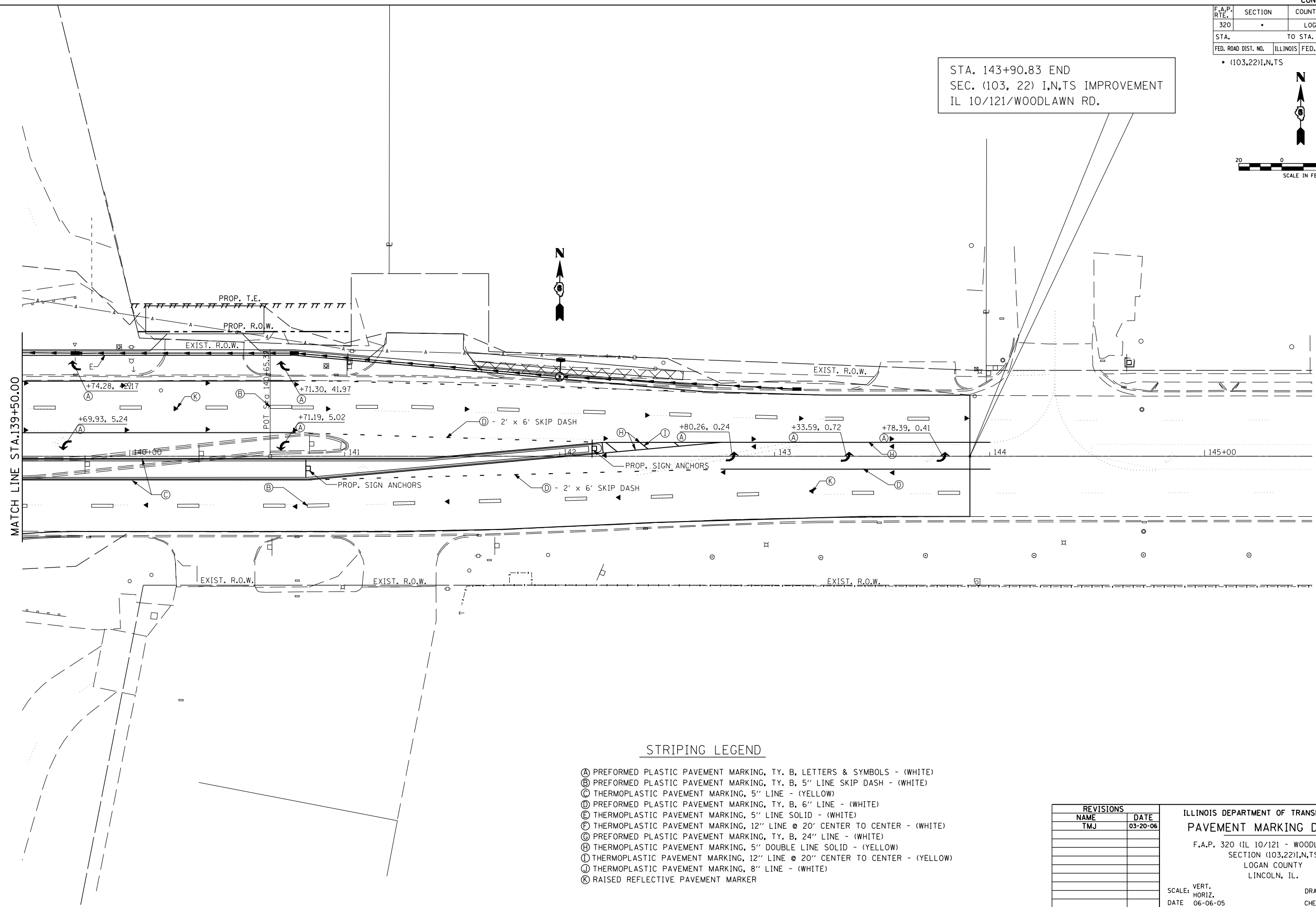
ILLINOIS DEPARTMENT OF TRANSPORTATION  
PAVEMENT MARKING DETAILS  
F.A.P. 320 (IL 10/121 - WOODLAWN RD.)  
SECTION (103,22)I,N,TS  
LOGAN COUNTY  
LINCOLN, IL.  
SCALE: VERT.     DRAWN BY MB  
      HORIZ.     CHECKED BY VTY  
DATE: 06-06-05

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\65338A\shp\pavemrk.dgn  
PLOT SCALE = 42.352% / IN.  
REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	52
STA. 320		TO STA. 321		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 143+90.83 END  
 SEC. (103, 22) I,N,T,S IMPROVEMENT  
 IL 10/121/WOODLAWN RD.



**STRIPING LEGEND**

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, LETTERS & SYMBOLS - (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 5" LINE SKIP DASH - (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING, 5" LINE - (YELLOW)
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 6" LINE - (WHITE)
- (E) THERMOPLASTIC PAVEMENT MARKING, 5" LINE SOLID - (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20' CENTER TO CENTER - (WHITE)
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 24" LINE - (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING, 5" DOUBLE LINE SOLID - (YELLOW)
- (I) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20" CENTER TO CENTER - (YELLOW)
- (J) THERMOPLASTIC PAVEMENT MARKING, 8" LINE - (WHITE)
- (K) RAISED REFLECTIVE PAVEMENT MARKER

REVISIONS	
NAME	DATE
TMJ	03-20-06

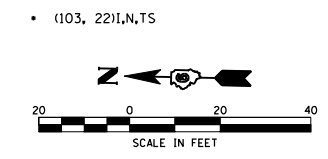
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAILS**  
 F.A.P. 320 (IL 10/121 - WOODLAWN RD.)  
 SECTION (103,22)I,N,T,S  
 LOGAN COUNTY  
 LINCOLN, IL.

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 06-06-05

DRAWN BY MB  
 CHECKED BY VTY

PLOT DATE = 3/26/2007  
 FILE NAME = c:\projects\65338A\shop\pavement\k110.dgn  
 PLOT SCALE = 42.3525' / IN.  
 REFERENCE = #REF#

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	53
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

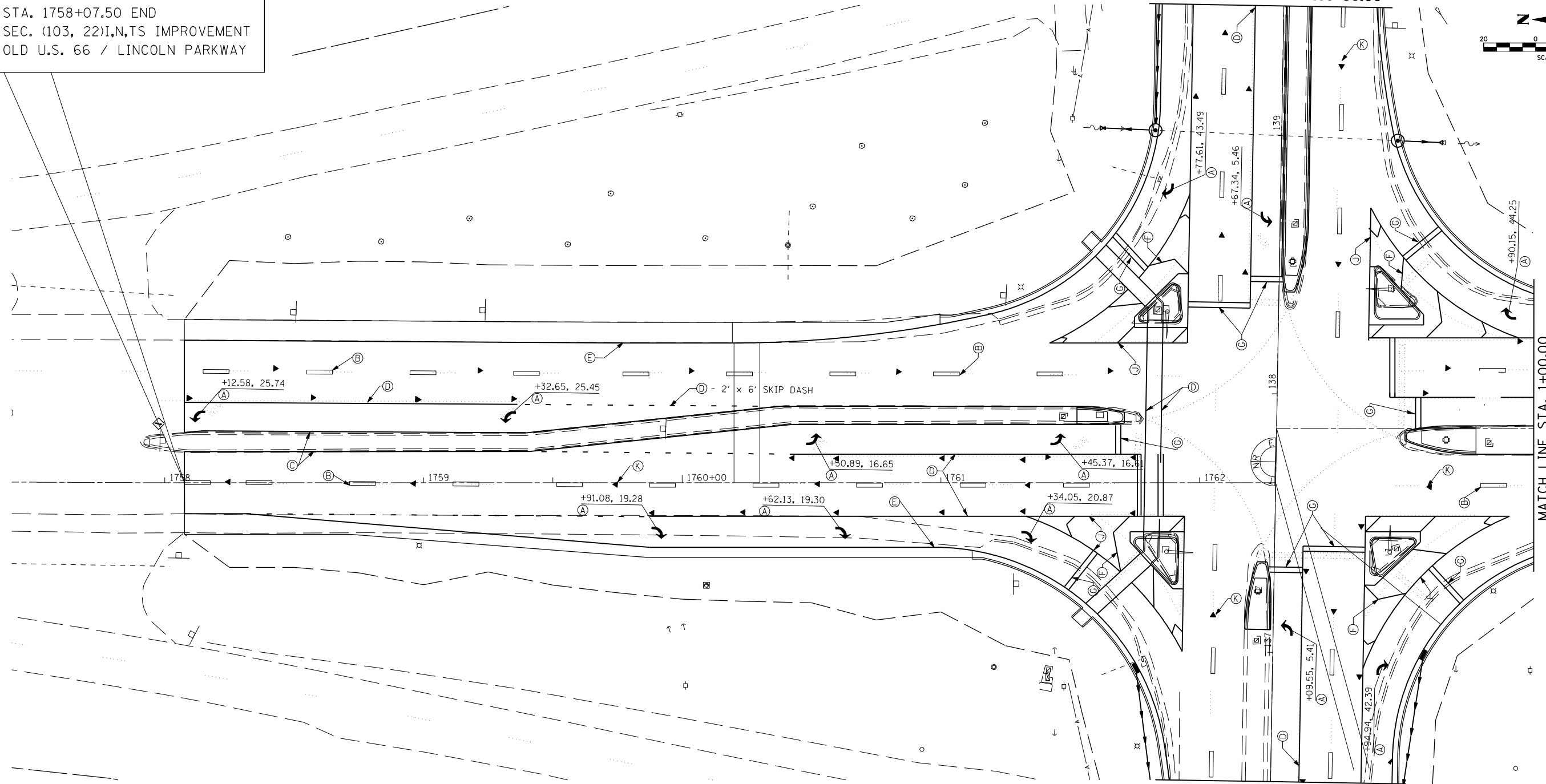


STA. 1758+07.50 END  
SEC. (103, 22) I,N,T,S IMPROVEMENT  
OLD U.S. 66 / LINCOLN PARKWAY

MATCH LINE STA. 139+50.00

MATCH LINE STA. 1+00.00

MATCH LINE STA. 136+50.00



STRIPING LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, LETTERS & SYMBOLS - (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 5" LINE SKIP DASH - (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING, 5" LINE - (YELLOW)
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 6" LINE - (WHITE)
- (E) THERMOPLASTIC PAVEMENT MARKING, 5" LINE SOLID - (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20' CENTER TO CENTER - (WHITE)
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 24" LINE - (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING, 5" DOUBLE LINE SOLID - (YELLOW)
- (I) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20" CENTER TO CENTER - (YELLOW)
- (J) THERMOPLASTIC PAVEMENT MARKING, 8" LINE - (WHITE)
- (K) RAISED REFLECTIVE PAVEMENT MARKER

STA. 137+86.63 (IL 10/121/WOODLAWN AVENUE) =  
STA. 0+00.56 (OLD US 66/LINCOLN PARKWAY)

STA. 137+65.64 (IL 10/121/WOODLAWN AVE. =  
STA. 1762+29.39 (OLD U.S. 66/LINCOLN PKWY)

REVISIONS	
NAME	DATE
TMJ	03-20-06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PAVEMENT MARKING DETAILS

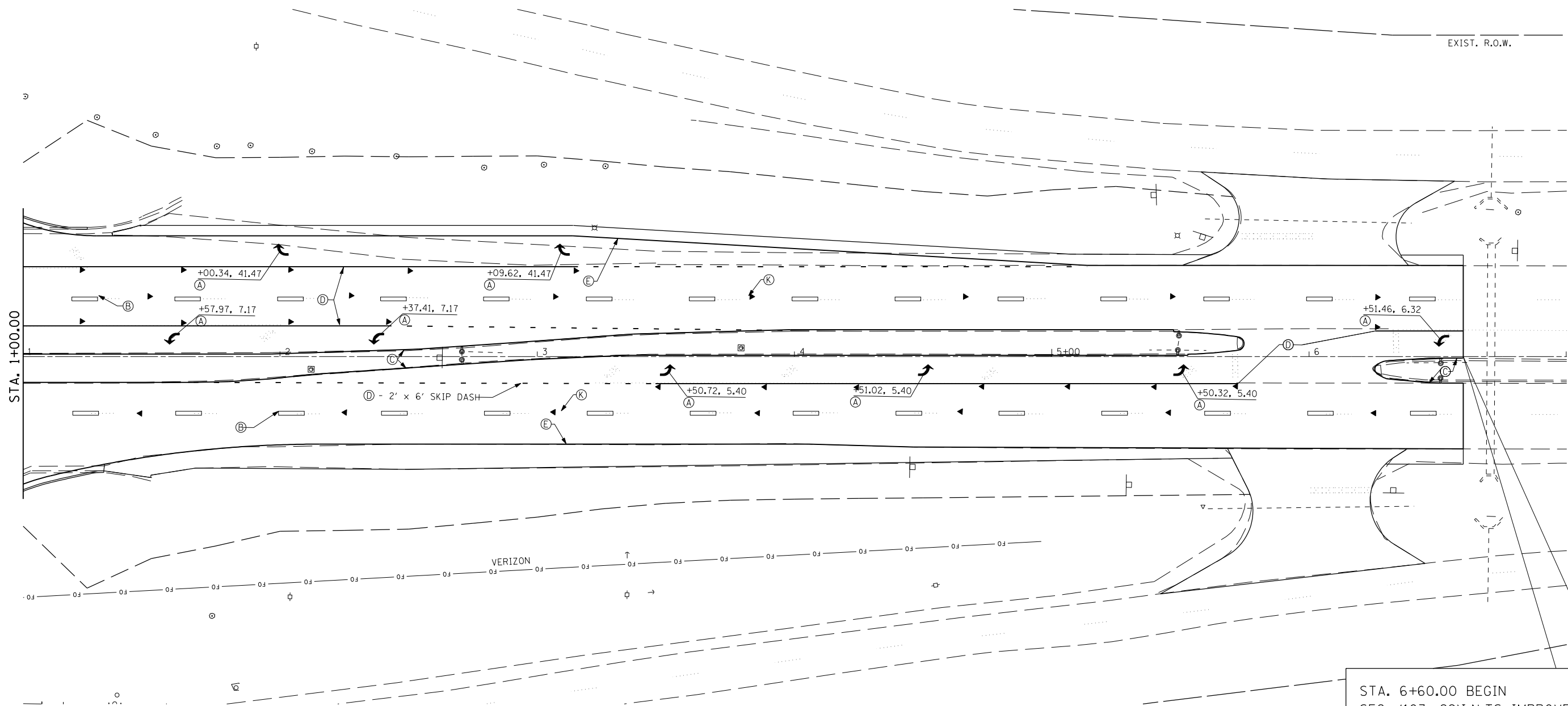
F.A.U. 7706 (LINCOLN PKWY)  
SECTION (103, 22) I,N,T,S  
LOGAN COUNTY  
LINCOLN, IL.

SCALE: VERT.     DRAWN BY TMJ  
          HORIZ.     CHECKED BY VTY  
DATE: 03-16-05

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\65338A\shiplan\plan166.dgn  
PLOT SCALE = 42,352% / IN.  
USER NAME = laughlin-1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (103, 22)I,N,TS



**STRIPING LEGEND**

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, LETTERS & SYMBOLS - (WHITE)
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 5" LINE SKIP DASH - (WHITE)
- (C) THERMOPLASTIC PAVEMENT MARKING, 5" LINE - (YELLOW)
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 6" LINE - (WHITE)
- (E) THERMOPLASTIC PAVEMENT MARKING, 5" LINE SOLID - (WHITE)
- (F) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20" CENTER TO CENTER - (WHITE)
- (G) PREFORMED PLASTIC PAVEMENT MARKING, TY. B, 24" LINE - (WHITE)
- (H) THERMOPLASTIC PAVEMENT MARKING, 5" DOUBLE LINE SOLID - (YELLOW)
- (I) THERMOPLASTIC PAVEMENT MARKING, 12" LINE @ 20" CENTER TO CENTER - (YELLOW)
- (J) THERMOPLASTIC PAVEMENT MARKING, 8" LINE - (WHITE)
- (K) RAISED REFLECTIVE PAVEMENT MARKER

STA. 6+60.00 BEGIN  
SEC. (103, 22)I,N,TS IMPROVEMENT  
OLD U.S. 66 / LINCOLN PARKWAY

REVISIONS	
NAME	DATE
TMJ	03-20-06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING DETAILS**  
F.A.U. 7706 (LINCOLN PKWY)  
SECTION (103, 22) I,N,TS  
LOGAN COUNTY  
LINCOLN, IL.

SCALE: VERT.     DRAWN BY TMJ  
HORIZ.             CHECKED BY VTY  
DATE 03-16-05

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\65338A\shiplan\pvmr1466.dgn  
PLOT SCALE = 42.352% / IN.  
USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	55

STA.	TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 \* 103, 22 (I, N, TS)

### TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SO M (SO FT)
		PC CONC SDWLK 100 mm IN SO M (SO YD)
		PC CONC SDWLK 100 mm SPECIAL IN SO M (SO YD)

### TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm (9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN ( TWISTED )
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LEGEND FOR TRAFFIC SIGNAL DETAILS**

SCALE: VERT.  
 HORIZ.  
 DATE: DECEMBER 3, 1999

DRAWN BY  
 CHECKED BY WCD

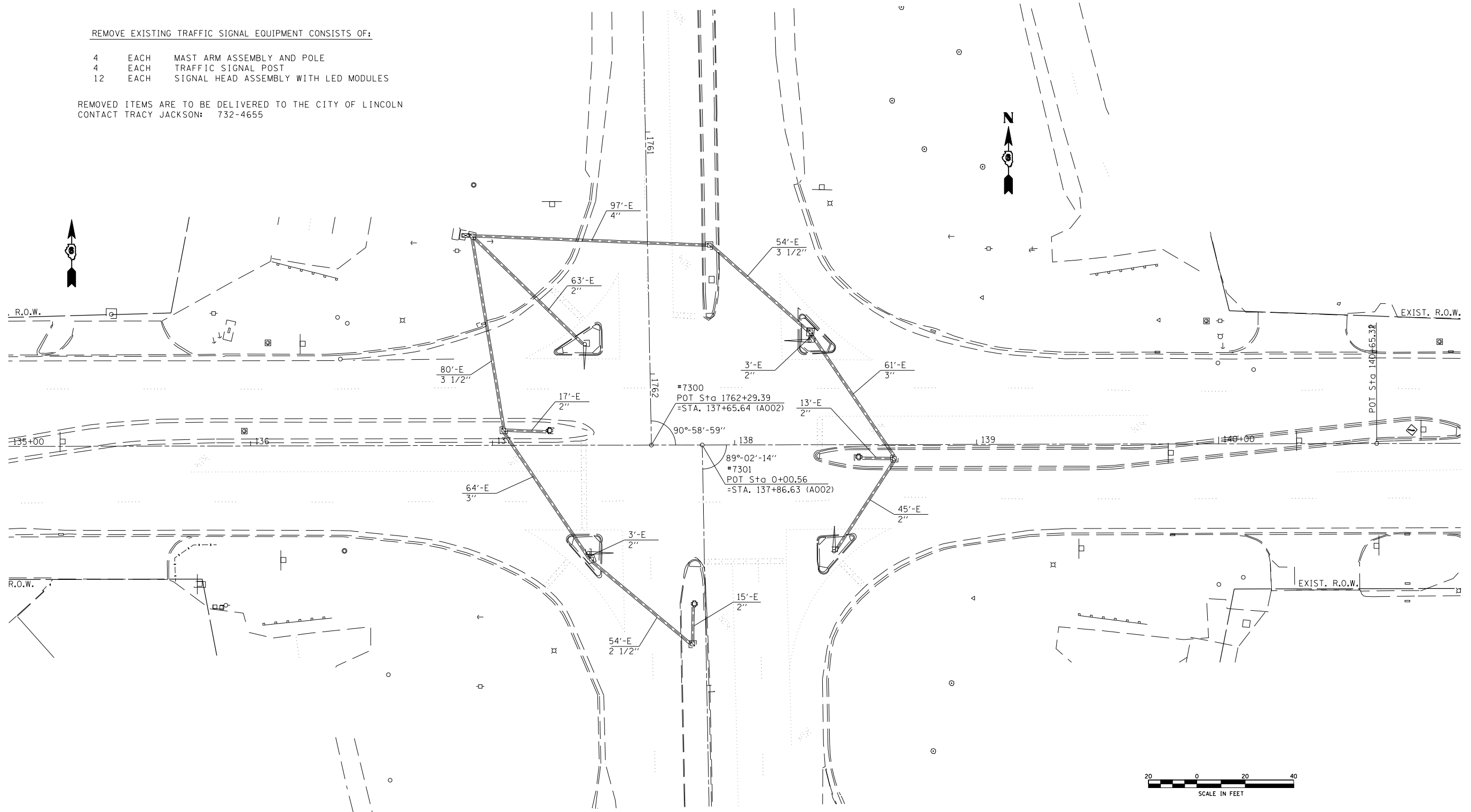
DETLOOP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	56
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 103, 22 (I, N, TS)				

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 4 EACH MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 12 EACH SIGNAL HEAD ASSEMBLY WITH LED MODULES

REMOVED ITEMS ARE TO BE DELIVERED TO THE CITY OF LINCOLN  
CONTACT TRACY JACKSON: 732-4655



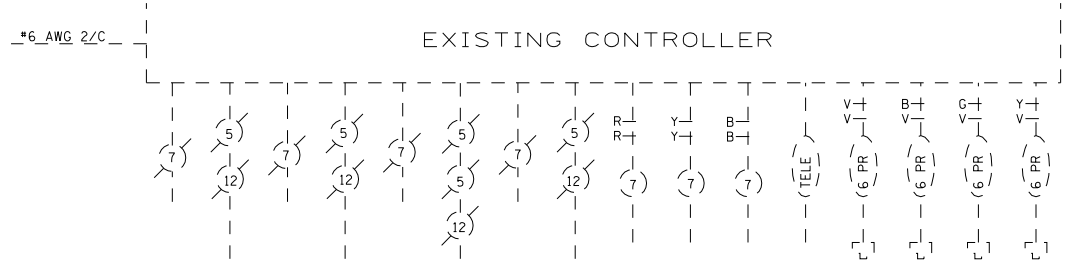
PLOT DATE = 3/26/2007  
FILE NAME = c:\projects\65338A\ts\_sheets.dgn  
PLOT SCALE = 42.3525' / IN.  
REFERENCE = #REFs

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TRAFFIC SIGNALS**  
LINCOLN PKWY. & WOODLAWN ST.  
LOGAN COUNTY  
SCALE: VERT.      DRAWN BY KDA  
          HORIZ.      CHECKED BY  
DATE: JAN. 2005



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	57
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 103, 22 (I, N, TS)				



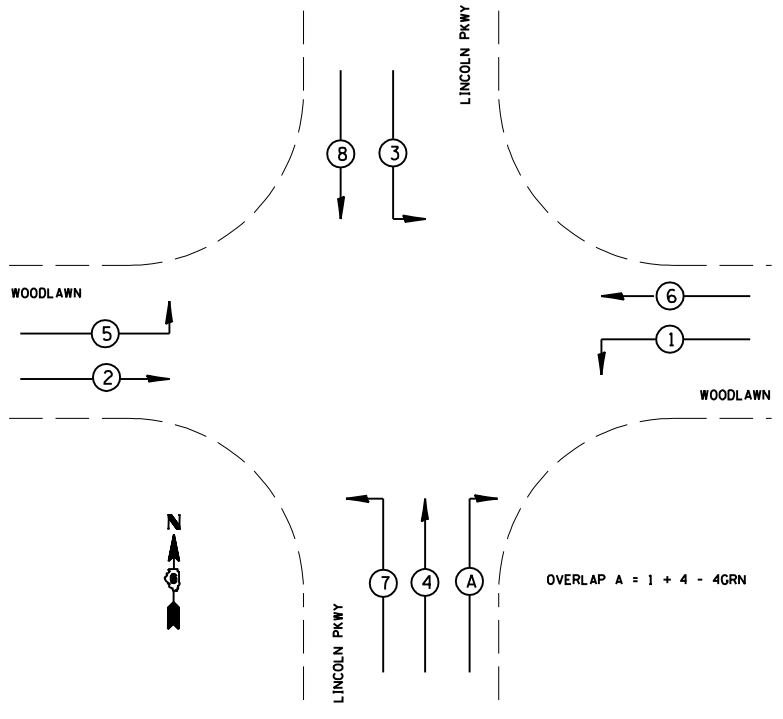
WOODLAWN ST (IL 10)

LINCOLN PKWY (BUS 55)

WOODLAWN ST (IL 10)

LINCOLN PKWY (BUS 55)

PHASE DESIGNATION



OVERLAP A = 1 + 4 - 4GRN



NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING CABLE DIAGRAM**  
 LINCOLN PKWY. & WOODLAWN ST.  
 LOGAN COUNTY

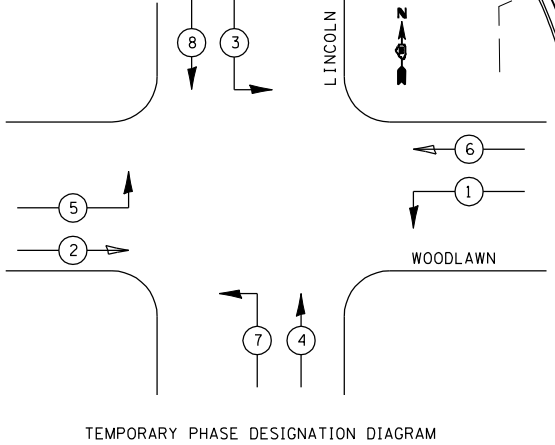
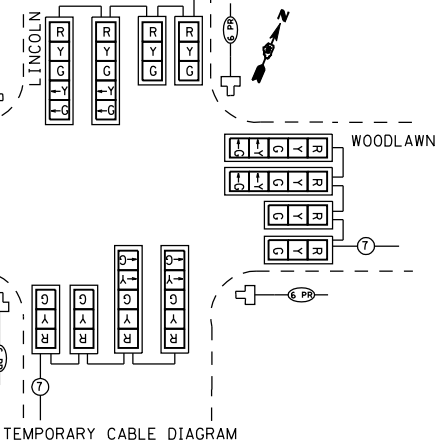
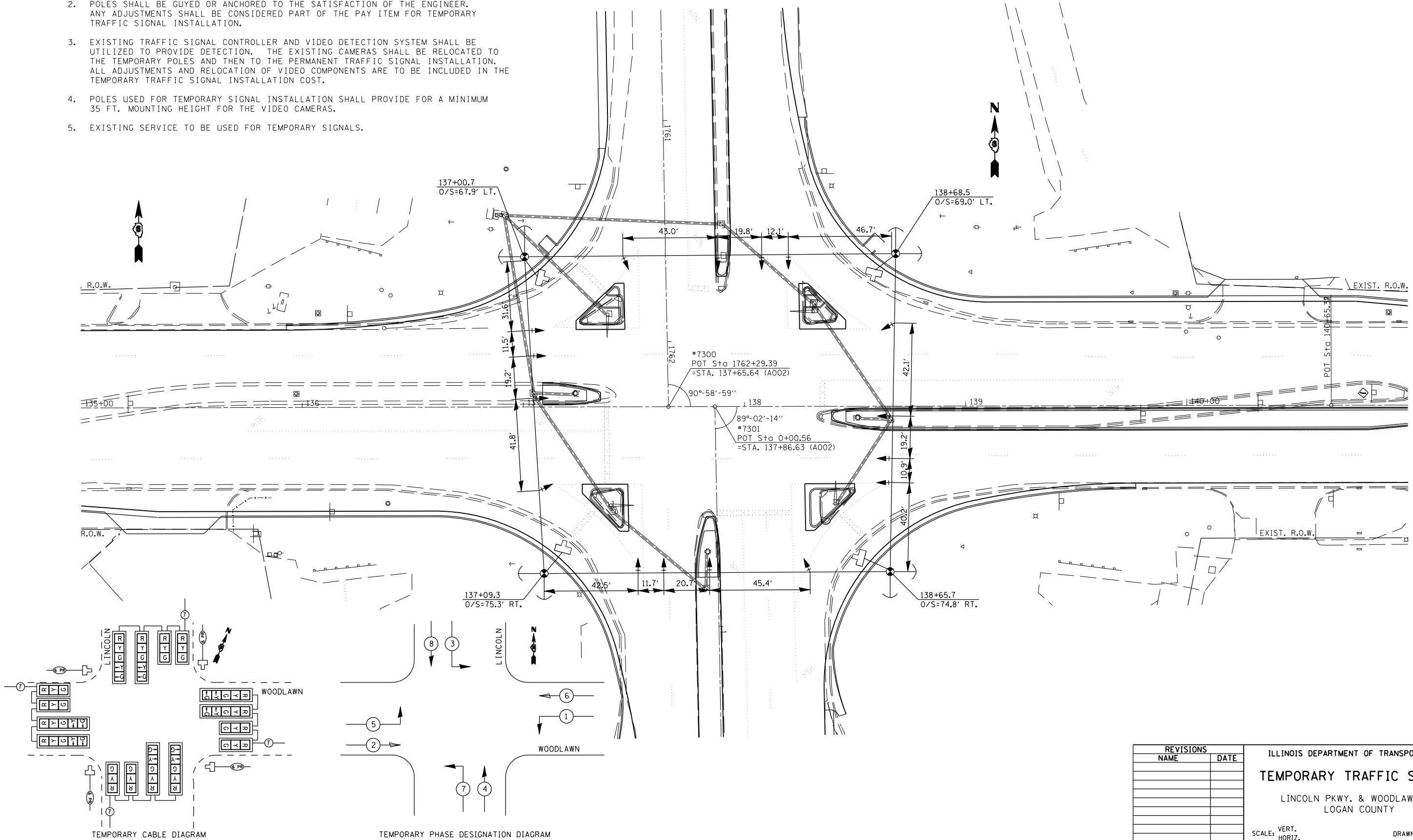
SCALE: VERT.     DRAWN BY KDA  
 HORIZ.     JAN. 2005  
 DATE     CHECKED BY

PLOT DATE = 3/28/2007  
 FILE NAME = c:\projects\d653304\ts\_sheets.dgn  
 PLOT SCALE = 42.3525' / IN.  
 REFERENCE = #REFs

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 103, 22 (I, N, TS)				

TEMPORARY SIGNAL NOTES:

1. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO REMOVAL OF EXISTING SIGNALS.
2. POLES SHALL BE GUYED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
3. EXISTING TRAFFIC SIGNAL CONTROLLER AND VIDEO DETECTION SYSTEM SHALL BE UTILIZED TO PROVIDE DETECTION. THE EXISTING CAMERAS SHALL BE RELOCATED TO THE TEMPORARY POLES AND THEN TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. ALL ADJUSTMENTS AND RELOCATION OF VIDEO COMPONENTS ARE TO BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION COST.
4. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM 35 FT. MOUNTING HEIGHT FOR THE VIDEO CAMERAS.
5. EXISTING SERVICE TO BE USED FOR TEMPORARY SIGNALS.



PLOT DATE = 3/26/2007  
 FILE NAME = c:\projects\65338A\ts\_sheets.dgn  
 PLOT SCALE = 42.3525' / IN.  
 REFERENCE = #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TEMPORARY TRAFFIC SIGNALS**  
 LINCOLN PKWY. & WOODLAWN ST.  
 LOGAN COUNTY  
 SCALE: VERT.     DRAWN BY KDA  
 HORIZ.         JAN. 2005  
 DATE             CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 103, 22 (I, N, TS)				

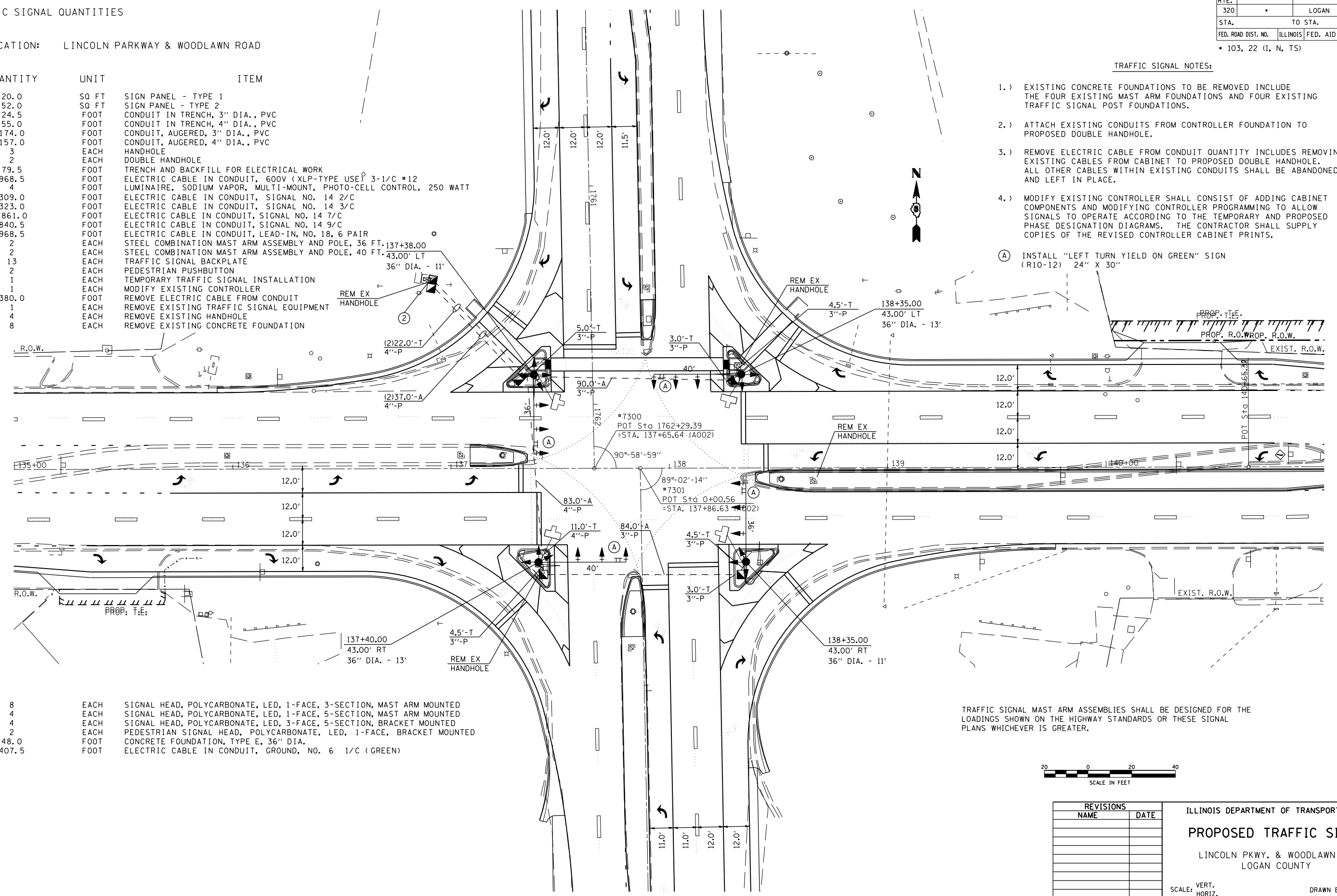
TRAFFIC SIGNAL QUANTITIES

LOCATION: LINCOLN PARKWAY & WOODLAWN ROAD

QUANTITY	UNIT	ITEM
20.0	SO FT	SIGN PANEL - TYPE 1
52.0	SO FT	SIGN PANEL - TYPE 2
24.5	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
55.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
174.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
157.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
3	EACH	HANDHOLE
2	EACH	DOUBLE HANDHOLE
79.5	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
968.5	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C #12
4	FOOT	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT
309.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C
323.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C
1861.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C
840.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9/C
968.5	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18, 6 PAIR
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT. 137+38.00
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT. 43.00' LT
13	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	PEDESTRIAN PUSHBUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	MODIFY EXISTING CONTROLLER
380.0	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4	EACH	REMOVE EXISTING HANDHOLE
8	EACH	REMOVE EXISTING CONCRETE FOUNDATION

TRAFFIC SIGNAL NOTES:

- EXISTING CONCRETE FOUNDATIONS TO BE REMOVED INCLUDE THE FOUR EXISTING MAST ARM FOUNDATIONS AND FOUR EXISTING TRAFFIC SIGNAL POST FOUNDATIONS.
  - ATTACH EXISTING CONDUITS FROM CONTROLLER FOUNDATION TO PROPOSED DOUBLE HANDHOLE.
  - REMOVE ELECTRIC CABLE FROM CONDUIT QUANTITY INCLUDES REMOVING EXISTING CABLES FROM CABINET TO PROPOSED DOUBLE HANDHOLE. ALL OTHER CABLES WITHIN EXISTING CONDUITS SHALL BE ABANDONED AND LEFT IN PLACE.
  - MODIFY EXISTING CONTROLLER SHALL CONSIST OF ADDING CABINET COMPONENTS AND MODIFYING CONTROLLER PROGRAMMING TO ALLOW SIGNALS TO OPERATE ACCORDING TO THE TEMPORARY AND PROPOSED PHASE DESIGNATION DIAGRAMS. THE CONTRACTOR SHALL SUPPLY COPIES OF THE REVISED CONTROLLER CABINET PRINTS.
- (A) INSTALL "LEFT TURN YIELD ON GREEN" SIGN (R10-12) 24" X 30"



8	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED
48.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
407.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C (GREEN)

TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED TRAFFIC SIGNALS**  
 LINCOLN PKWY. & WOODLAWN ST.  
 LOGAN COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: JAN. 2005

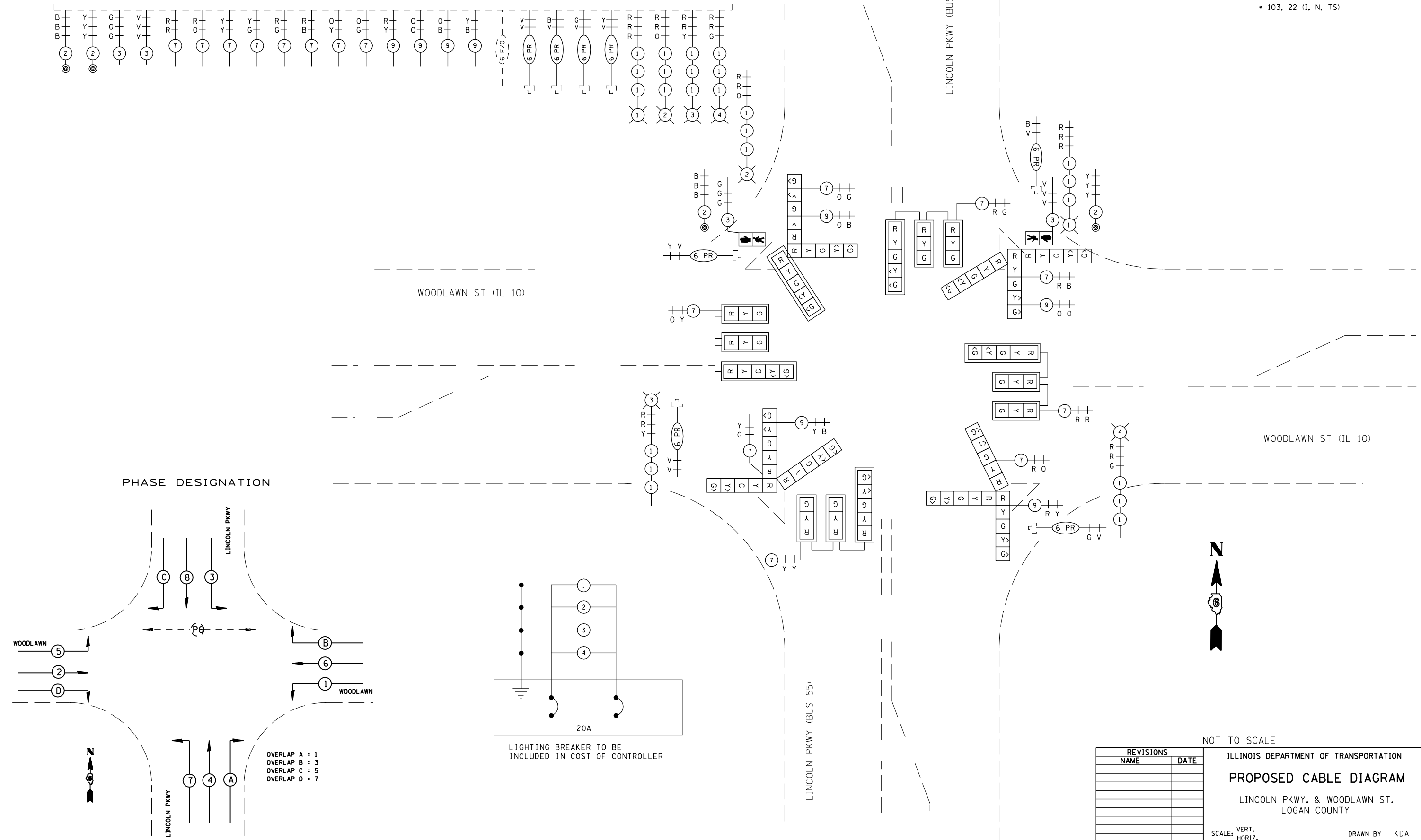
DRAWN BY: KDA  
 CHECKED BY: \_\_\_\_\_

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\65338A\ts\_sheets.dgn  
 PLOT SCALE = 42.3525' / IN.  
 REFERENCE = #REF#

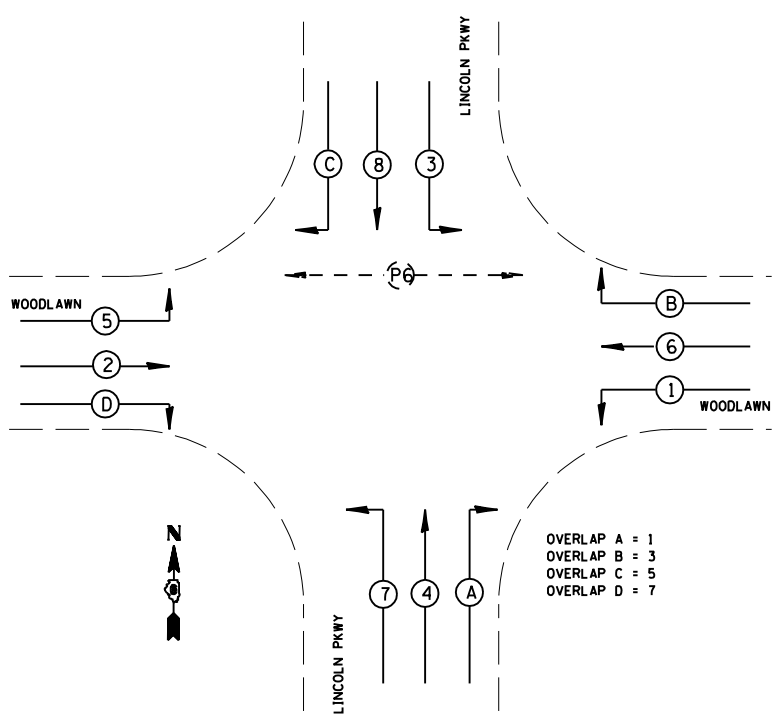
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	60
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 103, 22 (I, N, TS)				

#6 AWG 2/C

EXISTING CONTROLLER



PHASE DESIGNATION



OVERLAP A = 1  
OVERLAP B = 3  
OVERLAP C = 5  
OVERLAP D = 7

LIGHTING BREAKER TO BE INCLUDED IN COST OF CONTROLLER

NOT TO SCALE

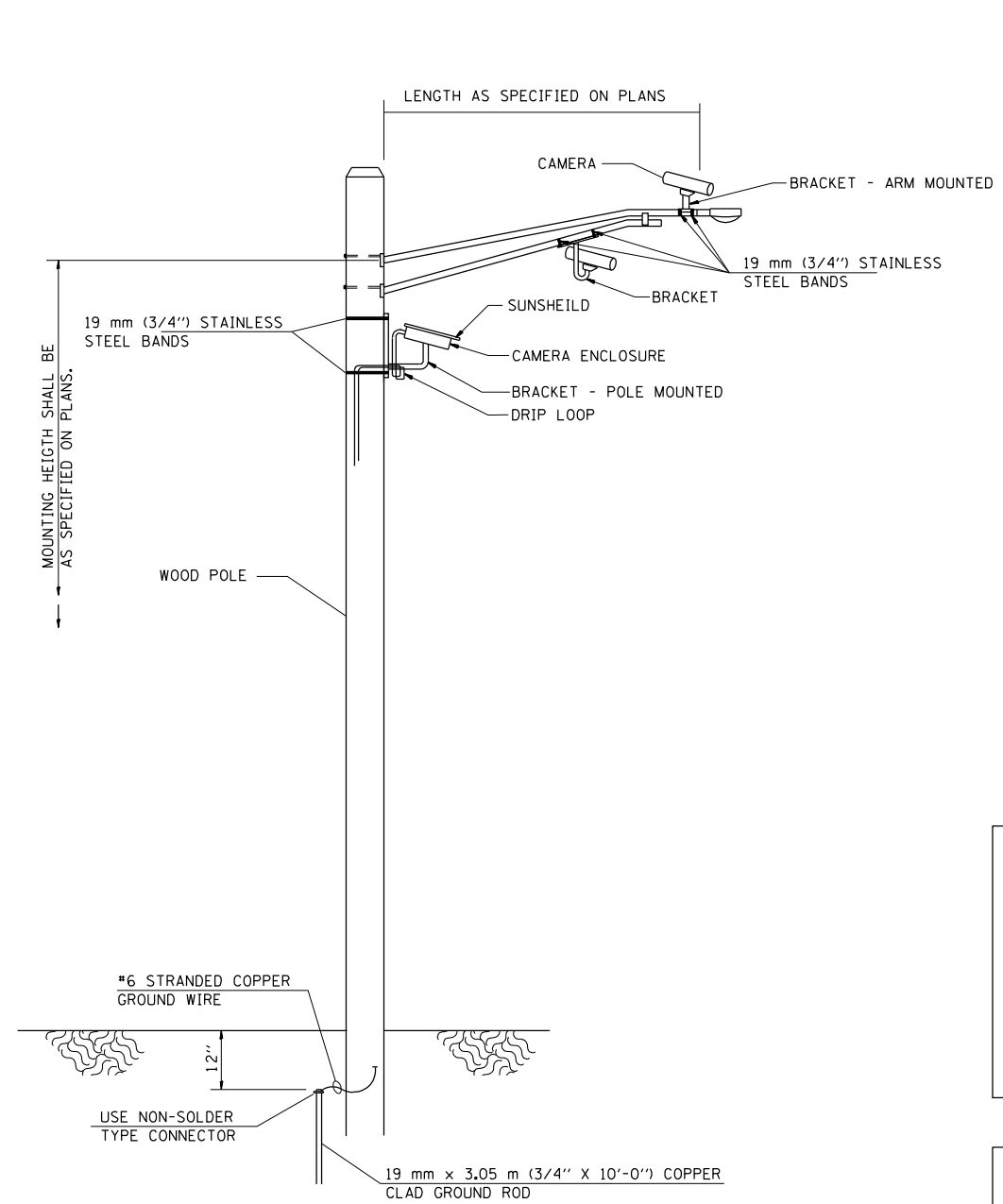
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED CABLE DIAGRAM**  
LINCOLN PKWY. & WOODLAWN ST.  
LOGAN COUNTY

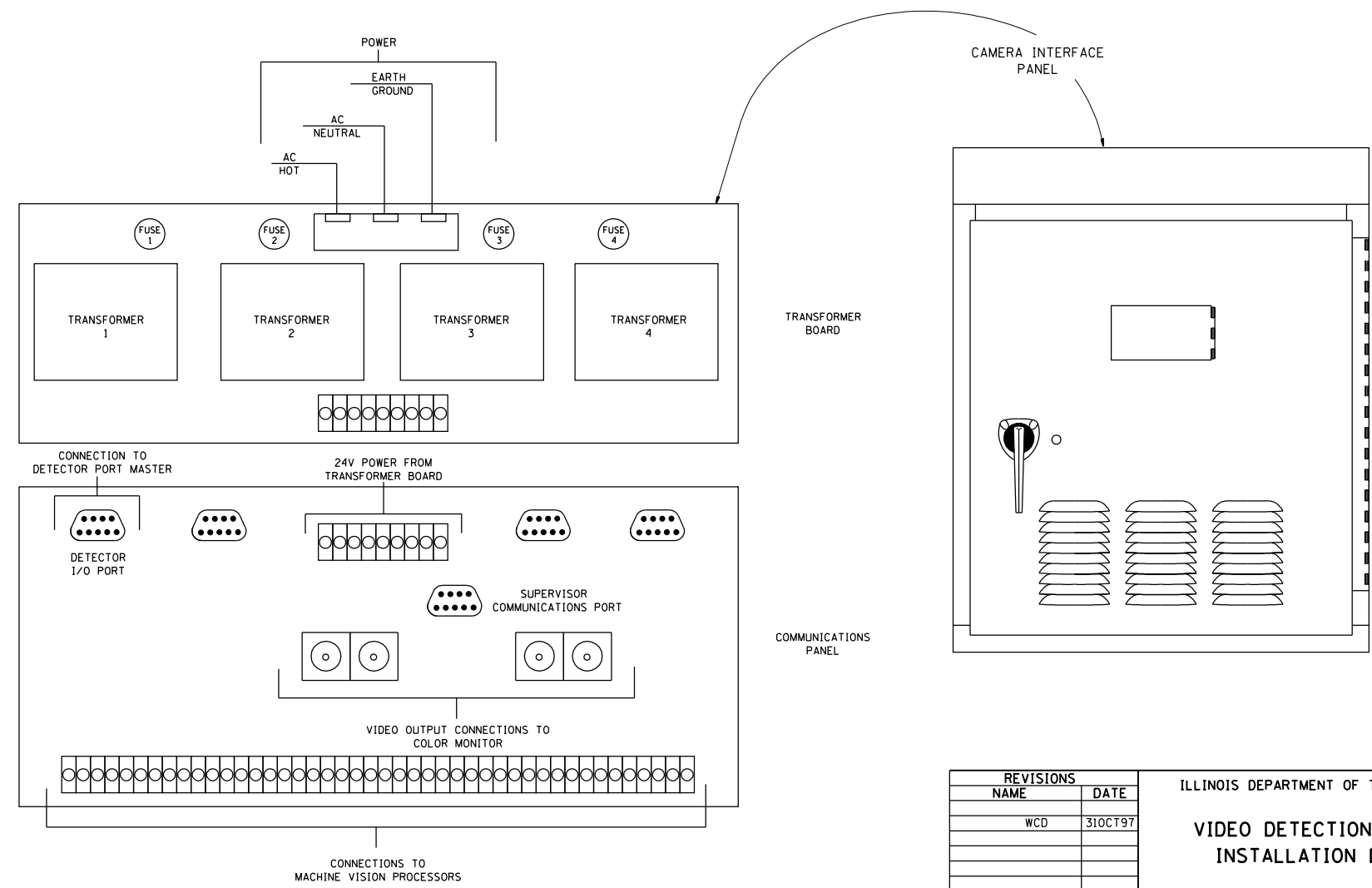
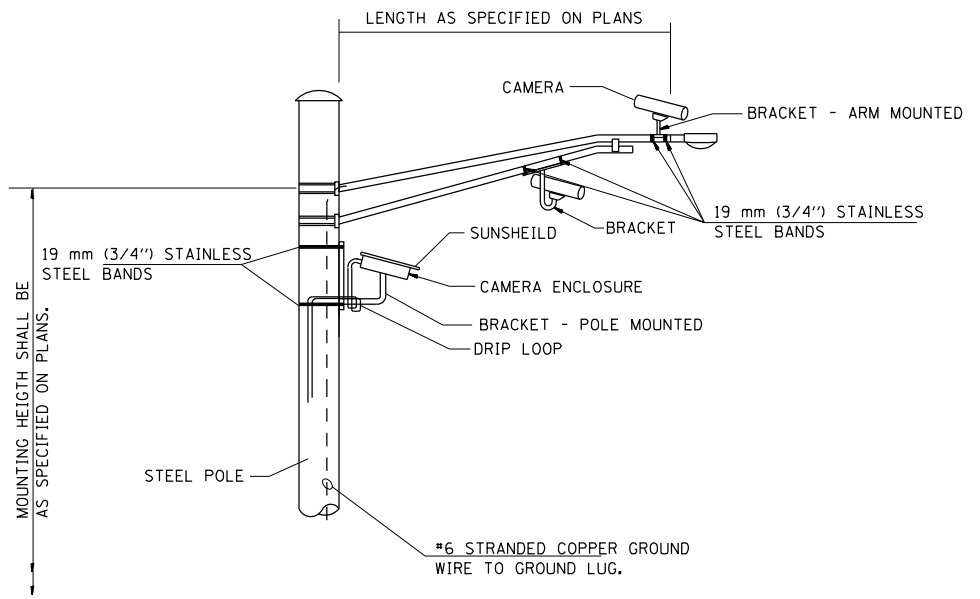
SCALE: VERT.     DRAWN BY KDA  
          HORIZ.     CHECKED BY  
DATE: JAN. 2005

PLOT DATE = 3/28/2007  
FILE NAME = c:\projects\65330A\ts\_sheets.dgn  
PLOT SCALE = 42.352% / IN.  
REFERENCE = #REFs

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	•	LOGAN	111	61
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 103, 22 (I, N, TS)				



**VIDEO DETECTION SYSTEM INSTALLATION  
ARM MOUNTED OR POLE MOUNTED CAMERA**



REVISIONS	
NAME	DATE
WCD	31OCT97

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**VIDEO DETECTION SYSTEM  
INSTALLATION DETAIL**  
SCALE: VERT. / HORIZ.  
DATE: / / DRAWN BY: / CHECKED BY: /

PLOT DATE = 3/28/2007  
FILE NAME = c:\projects\65338A\ts\_sheets.dgn  
PLOT SCALE = 42.352% / IN.  
REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 103, 22 (I, N, TS)				

**LIGHTING QUANTITIES**

LOCATION: LINCOLN PARKWAY & WOODLAWN ROAD

QUANTITY	UNIT	ITEM
1	EACH	ELECTRIC SERVICE INSTALLATION
14	EACH	GROUND ROD, 5/8" X 10'
434.0	FOOT	CONDUIT PUSHED, 2" DIA. INTERMEDIATE METAL
140.0	FOOT	CONDUIT PUSHED, 3" DIA. INTERMEDIATE METAL
4294.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
3898.0	FOOT	UNIT DUCT, 600 V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
1110.0	FOOT	UNIT DUCT, 600 V, 2-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
14	EACH	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT
1	EACH	LIGHTING CONTROLLER PHOTOCELL RELAY
14	EACH	LIGHT POLE STEEL, 45' MH, TENON MOUNT
92.0	FOOT	LIGHT POLE FOUNDATION, 30" DIAMETER
14	EACH	BREAKAWAY DEVICE, COUPLING, SS SCREEN
9	EACH	REMOVAL OF EXISTING LIGHTING UNIT - SALVAGE
9	EACH	POLE FOUNDATION REMOVED
1	EACH	REMOVE ELECTRIC SERVICE INSTALLATION
1	EACH	REMOVAL OF LIGHTING CONTROLLER
1	EACH	REMOVAL OF LIGHTING CONTROLLER FOUNDATION

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
LUMINAIRE PERFORMANCE TABLE**

GIVEN CONDITIONS		
ROADWAY DATA:	PAVEMENT WIDTH	84 FT.
	NUMBER OF LANES	6
	MEDIAN WIDTH	12 FT.
	IES SURFACE CLASSIFICATION	R3
	Q-ZERO VALUE	.07
LIGHT POLE DATA:	MOUNTING HEIGHT	45 FT.
	MAST ARM LENGTH	6 FT.
	POLE SET-BACK FROM EDGE OF PAVEMENT	4 FT.
LUMINAIRE DATA:	LAMP TYPE	HPS
	LAMP LUMENS	28000
	IES VERTICAL DISTRIBUTION	M
	IES CONTROL OF DISTRIBUTION	C
	IES LATERAL DISTRIBUTION	3
	TOTAL LIGHT LOSS FACTOR	.69
LAYOUT DATA:	SPACING	228 FT.
	CONFIGURATION	2 ROWS STAG
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LANE	2 FT.

NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.

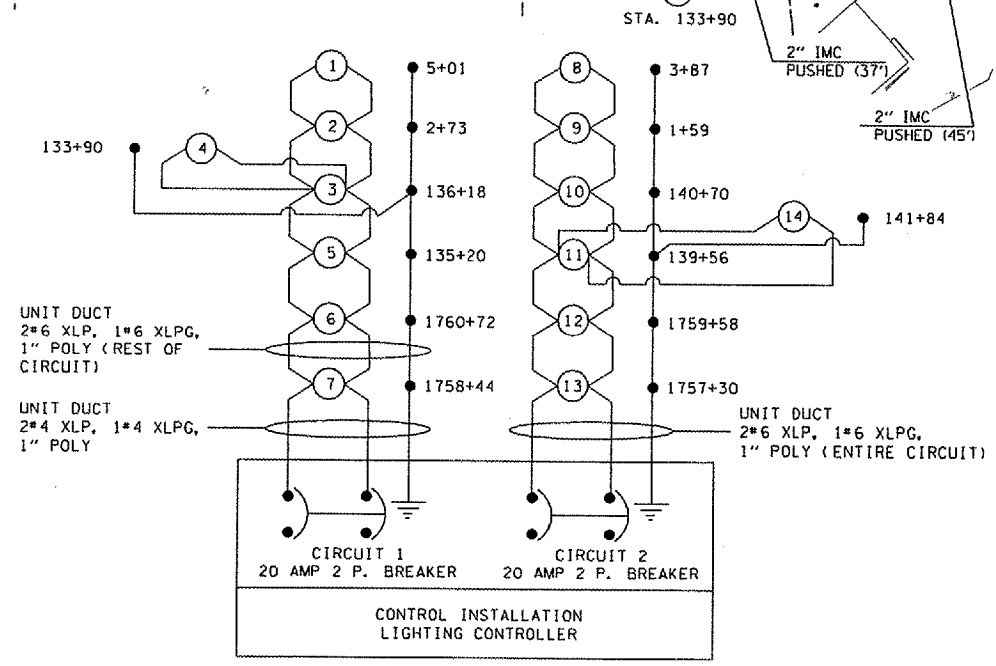
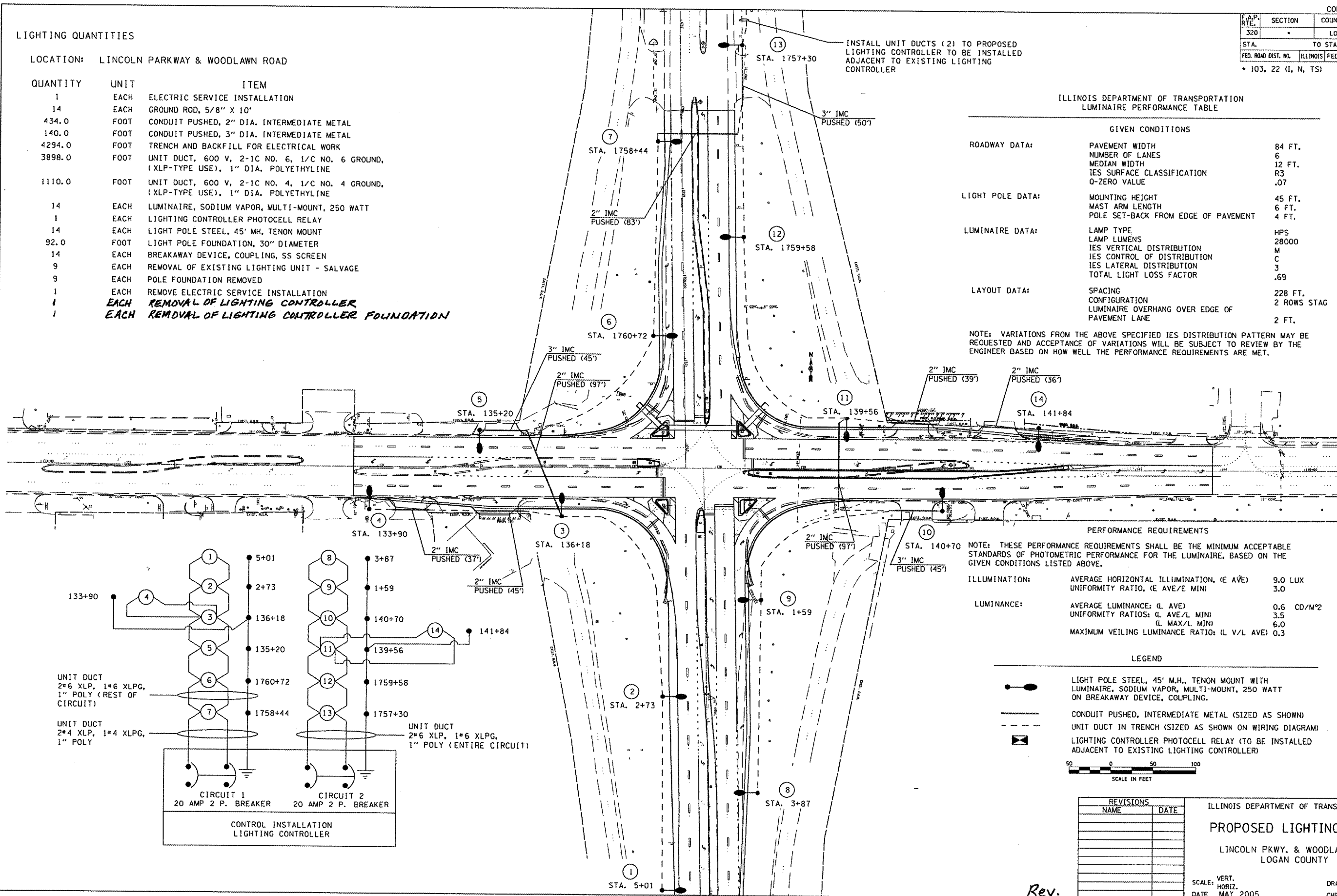
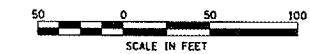
**PERFORMANCE REQUIREMENTS**

NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE.

ILLUMINATION:	AVERAGE HORIZONTAL ILLUMINATION, (E AVE)	9.0 LUX
	UNIFORMITY RATIO, (E AVE/E MIN)	3.0
LUMINANCE:	AVERAGE LUMINANCE: (L AVE)	0.6 CD/M <sup>2</sup>
	UNIFORMITY RATIOS: (L AVE/L MIN)	3.5
	(L MAX/L MIN)	6.0
	MAXIMUM VEILING LUMINANCE RATIO: (L V/L AVE)	0.3

**LEGEND**

- LIGHT POLE STEEL, 45' M.H., TENON MOUNT WITH LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT ON BREAKAWAY DEVICE, COUPLING.
- CONDUIT PUSHED, INTERMEDIATE METAL (SIZED AS SHOWN)
- UNIT DUCT IN TRENCH (SIZED AS SHOWN ON WIRING DIAGRAM)
- LIGHTING CONTROLLER PHOTOCELL RELAY (TO BE INSTALLED ADJACENT TO EXISTING LIGHTING CONTROLLER)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED LIGHTING PLANS**  
LINCOLN PKWY. & WOODLAWN ST.  
LOGAN COUNTY

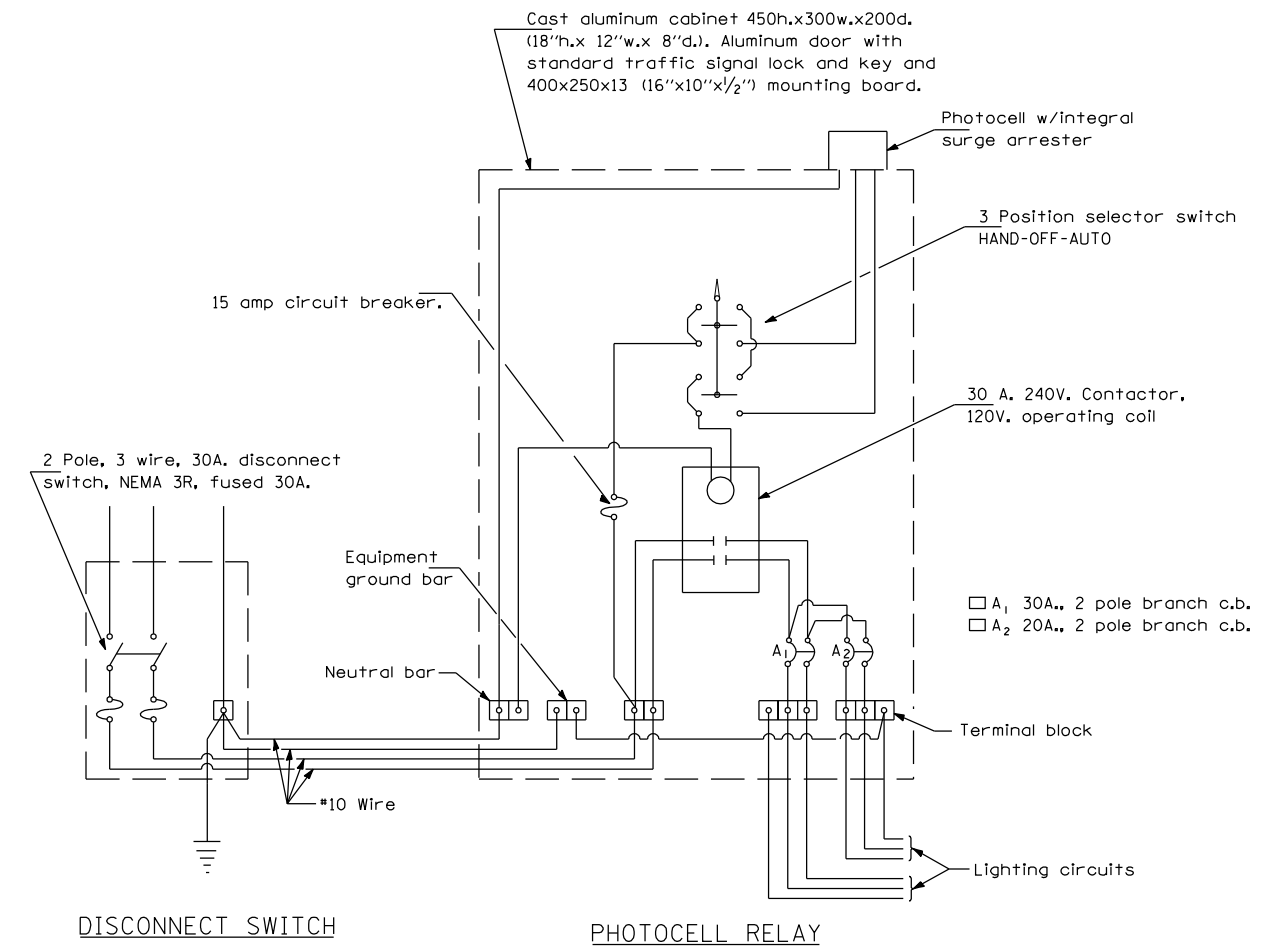
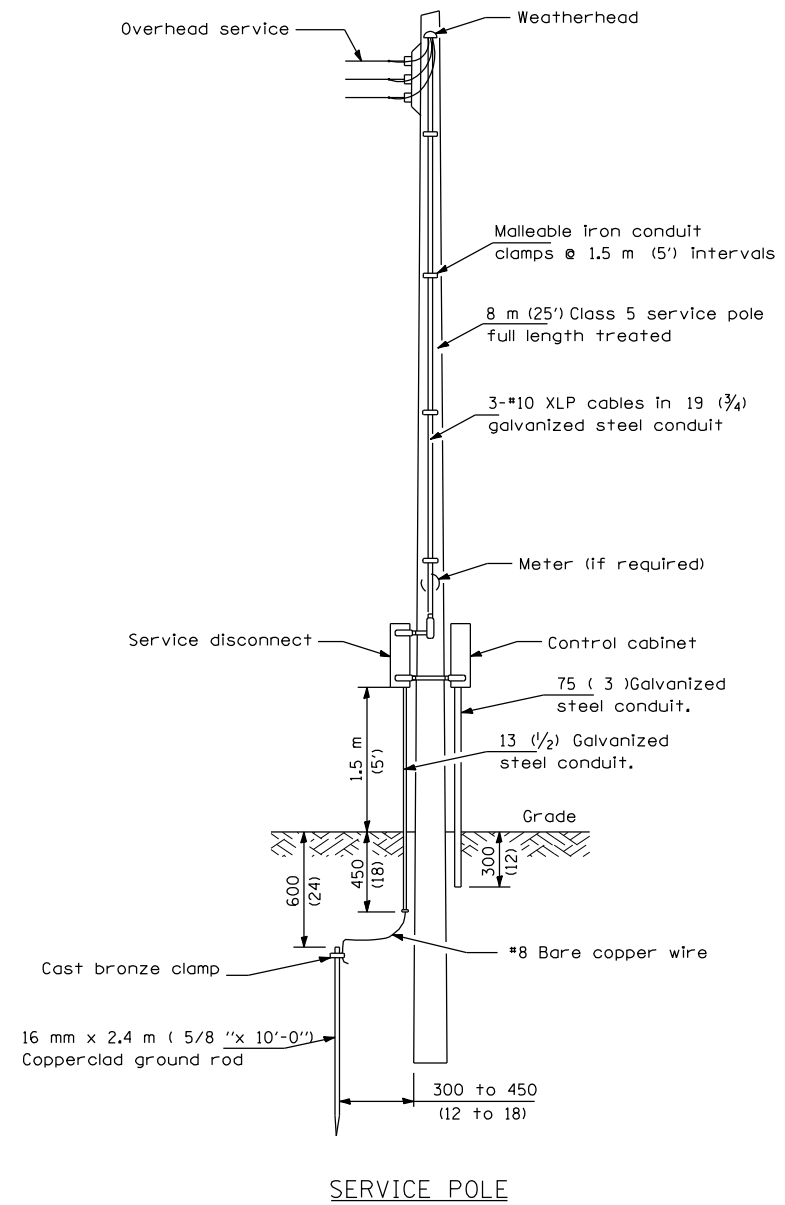
SCALE: VERT.      DRAWN BY KDA  
          HORIZ.      CHECKED BY  
DATE: MAY 2005

PLOT DATE: 5/20/2007  
 FILE NAME: 485328A1.dwg  
 PLOT SCALE: 1/8" = 1'-0"  
 REFERENCE: 485328

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	•	LOGAN	111	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 103, 22 (I, N, TS)



**GENERAL NOTES**

All equipment shall be U.L. Listed.  
All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CONTROL INSTALLATION**

**SERVICE POLE MOUNTED**

120/240V., 1 PHASE, 3 WIRE SERVICE

SCALE: VERT.      DRAWN BY D&E  
                  HORIZ.      CHECKED BY  
DATE: MARCH 11, 1996

JLGT003

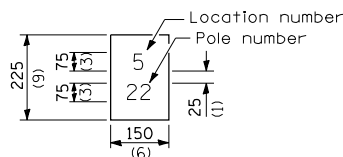
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	64

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

• 103, 22 (I, N, TS)

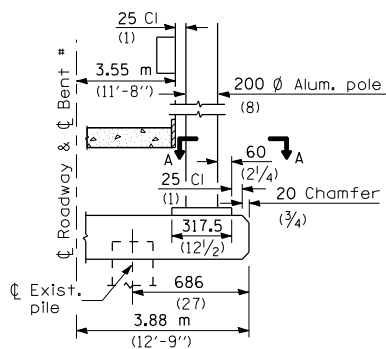
"Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (3/4) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional (1/4 to 3/8) turn with hex key (not provided). Install locknuts on set screws if threaded projection allows."

Pole shall meet AASHTO Standard Specifications for 128.72 km (80 mph) wind loading and 40.82 kg (90 lb.), .37 m<sup>2</sup> (4.0 sq. ft.) E.P.A. luminaire.

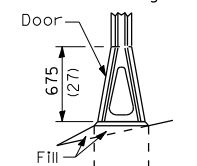


The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section 1602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

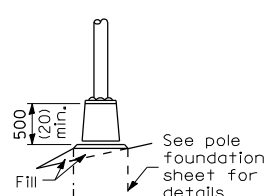
The light pole identification shall be applied to sign base material as specified in section 1085.05 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.



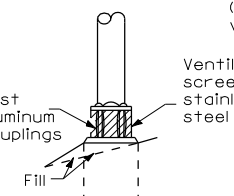
**BENT #**  
(Looking )



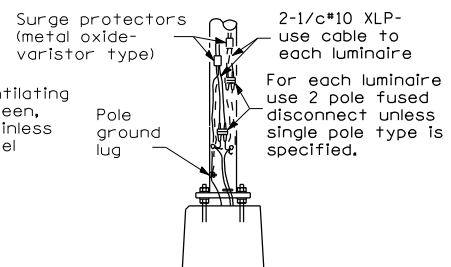
STAINLESS STEEL FLAIR BASE



TRANSFORMER BASE



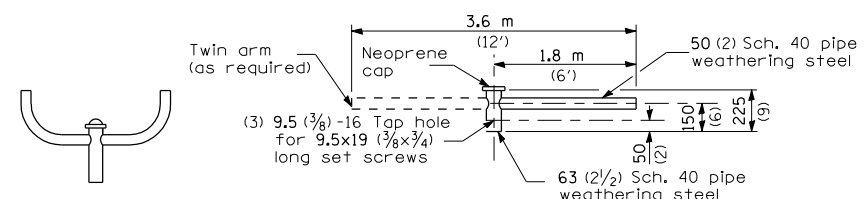
BREAKAWAY COUPLING



ANCHOR

METAL OR  CONCRETE

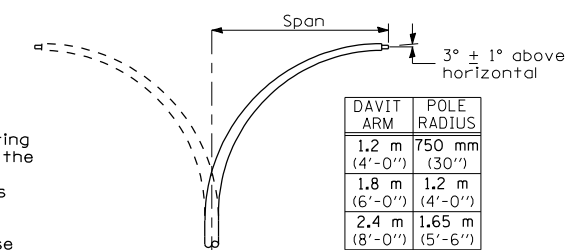
Details for underground distribution if required



TWIN TENON

TENON MOUNT BRACKET ARM

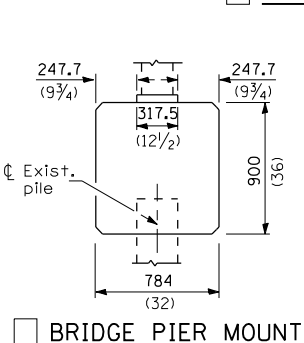
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



DAVIT ARM	POLE RADIUS
1.2 m (4'-0")	750 mm (30")
1.8 m (6'-0")	1.2 m (4'-0")
2.4 m (8'-0")	1.65 m (5'-6")

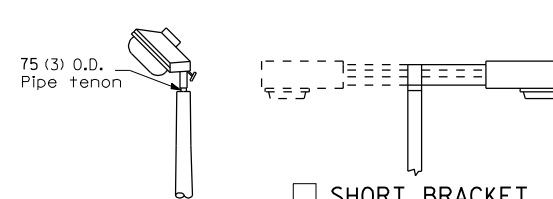
DAVIT ARM (and or)

DAVIT ARM-TWIN



BRIDGE PIER MOUNT

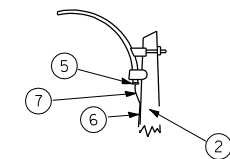
**SECTION A-A**



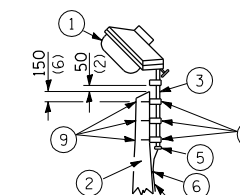
TENON

SHORT BRACKET

SHORT BRACKET - TWIN

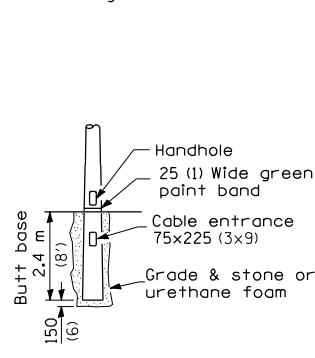


MAST ARM

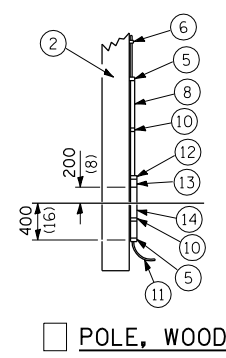


TENON

- 1 Luminaire
- 2 Wood pole, class 3 or better
- 3 63 (2 1/2) Galv. steel conduit
- 4 Single offset pole band
- 5 Conduit bushing
- 6 Cable clamps on 600 (24) centers
- 7 2/c #12 Type use cable
- 8 25 (1) Galv. steel conduit 3.0 m (10') in length
- 9 16 (5/8) diameter hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- 10 Conduit clamps on 900 (36) centers
- 11 Unit duct
- 12 Threaded reducer
- 13 "C" Condulet, threaded
- 14 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



BUTT BASE



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

added short bracket - twin and edited to section 1085.05 10/30/97 hec

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

POLE STANDARDS

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• 103, 22 (I, N, TS)

LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION		CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH *
9.1 m (30')	292 mm (11 1/2")	220 mm (8 5/8")	1.83 m (6'-0")	610mm (24")	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 mm (11 1/2")	220 mm (8 5/8")	1.83 m (6'-0")	610mm (24")	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 mm (15")	220 mm (8 5/8")	1.83 m ** (6'-0")	610mm (24")	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 mm (15")	220 mm (8 5/8")	1.83 m ** (6'-0")	610mm (24")	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 mm (15")	220 mm (8 5/8")	2.44 m (8'-0")	610mm (24")	2.13m (7'-0")	2.00 m (6'-9")

\* Length does not include 100 (4)hook  
 \*\* 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires

Notes:

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.

Notes:

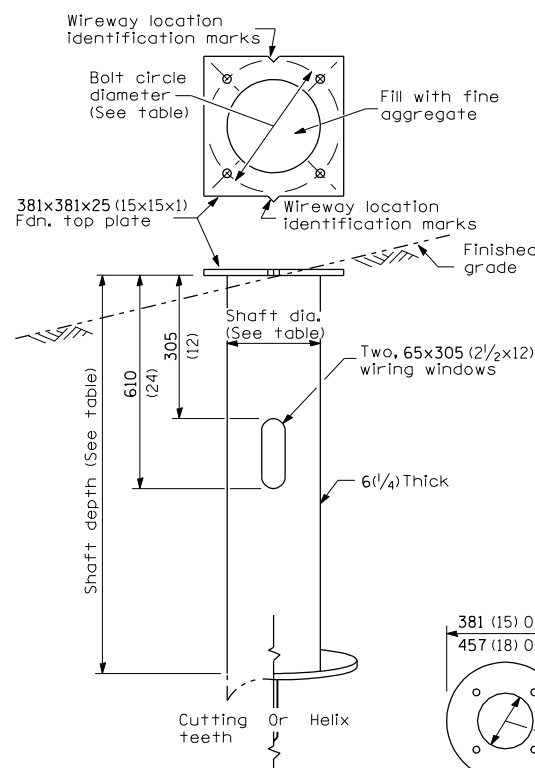
Wireway may be on front, back, or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.

Top of schedule 40 PVC 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.

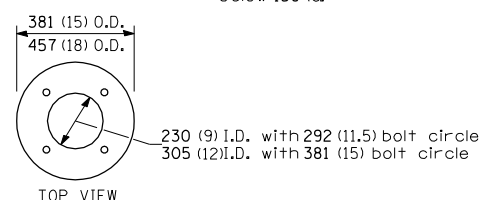
75 (3) Min. concrete cover on all steel

25 (1) Ø Steel anchor rod with 230 (9) of threads. See table for the required bolt circle diameter.

19 (3/4) - 45° Bevel Finished grade

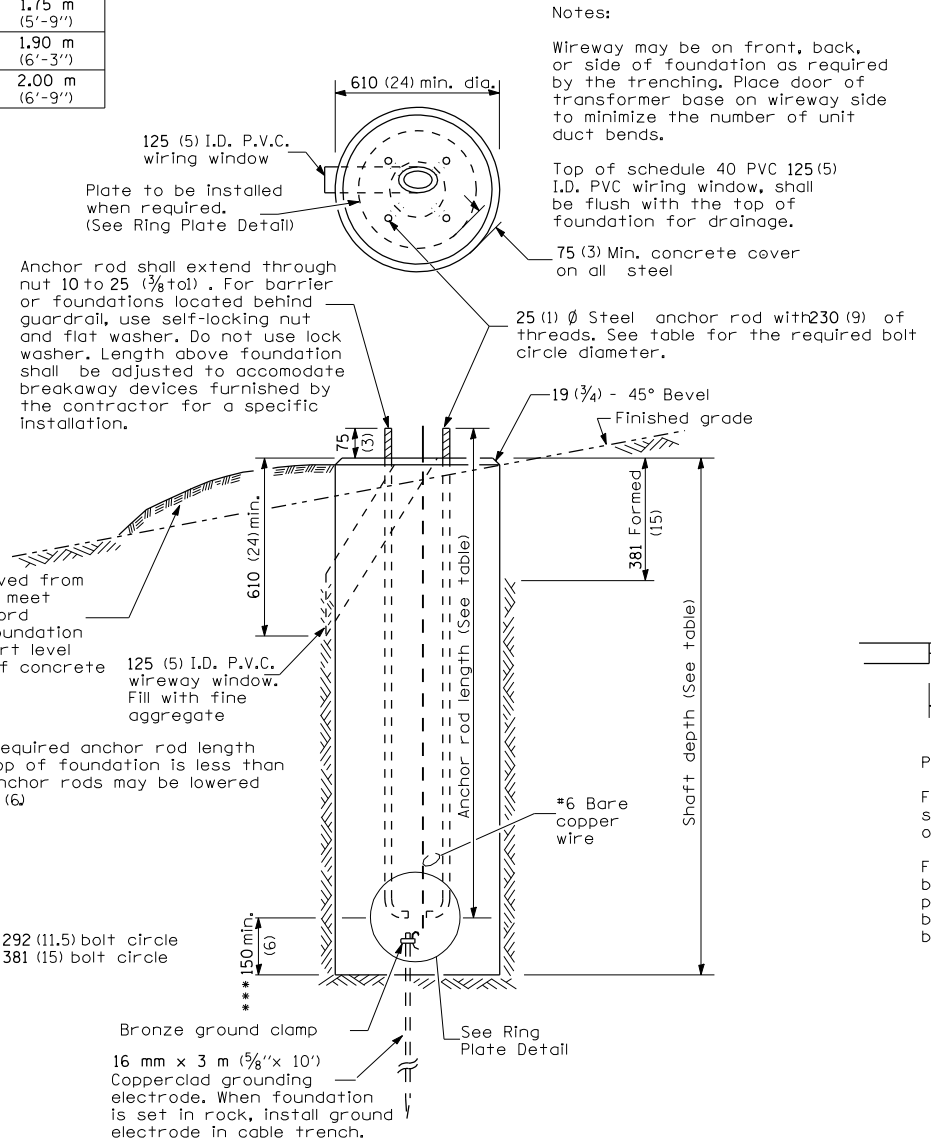


STEEL FOUNDATION

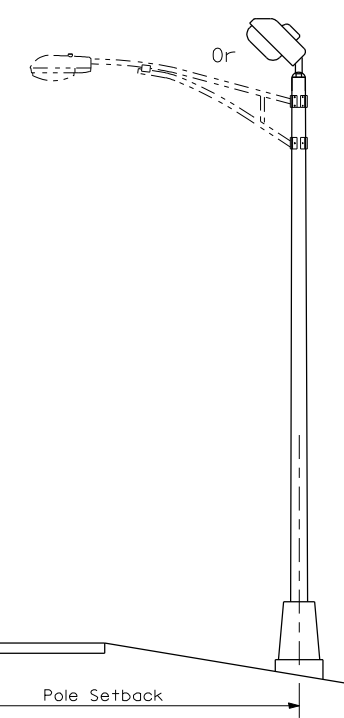


RING PLATE DETAIL

(When rock is encountered and foundation is shallower)



CONCRETE FOUNDATION



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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LIGHT POLE FOUNDATION

LGT836

SCALE: VERT.  
 HORIZ.  
 DATE

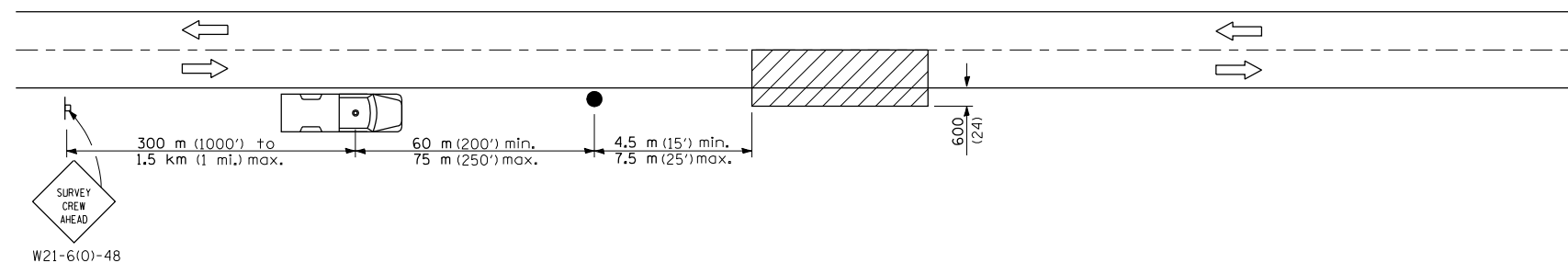
DRAWN BY  
 CHECKED BY

LGT836.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	66

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

\* 103, 22 (I, N, TS)



FLAGGER SHALL BE EQUIPPED WITH AND REQUIRED TO USE A HIGH INTENSITY, OR HIGH PERFORMANCE " STOP - SLOW " TRAFFIC CONTROL PADDLE. FLAGGER AND LIGHTING INSPECTOR SHALL BE REQUIRED TO WEAR A HIGH VISIBILITY, REFLECTIVE ORANGE VEST AND EITHER A HARD HAT OR AN ORANGE CAP.

SYMBOLS



Work area

Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers

Flagger with traffic control sign

TYPICAL APPLICATIONS  
Utility operations

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

REVISIONS	
NAME	DATE
JLP	26OCT93
C.Office	8MAR96

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL  
NIGHT TIME LIGHTING INSPECTION  
LESS THAN 15 MINUTES  
PER LUMINAIRE**

SCALE: VERT.  
HORIZ.  
DATE: AUGUST 26, 1993

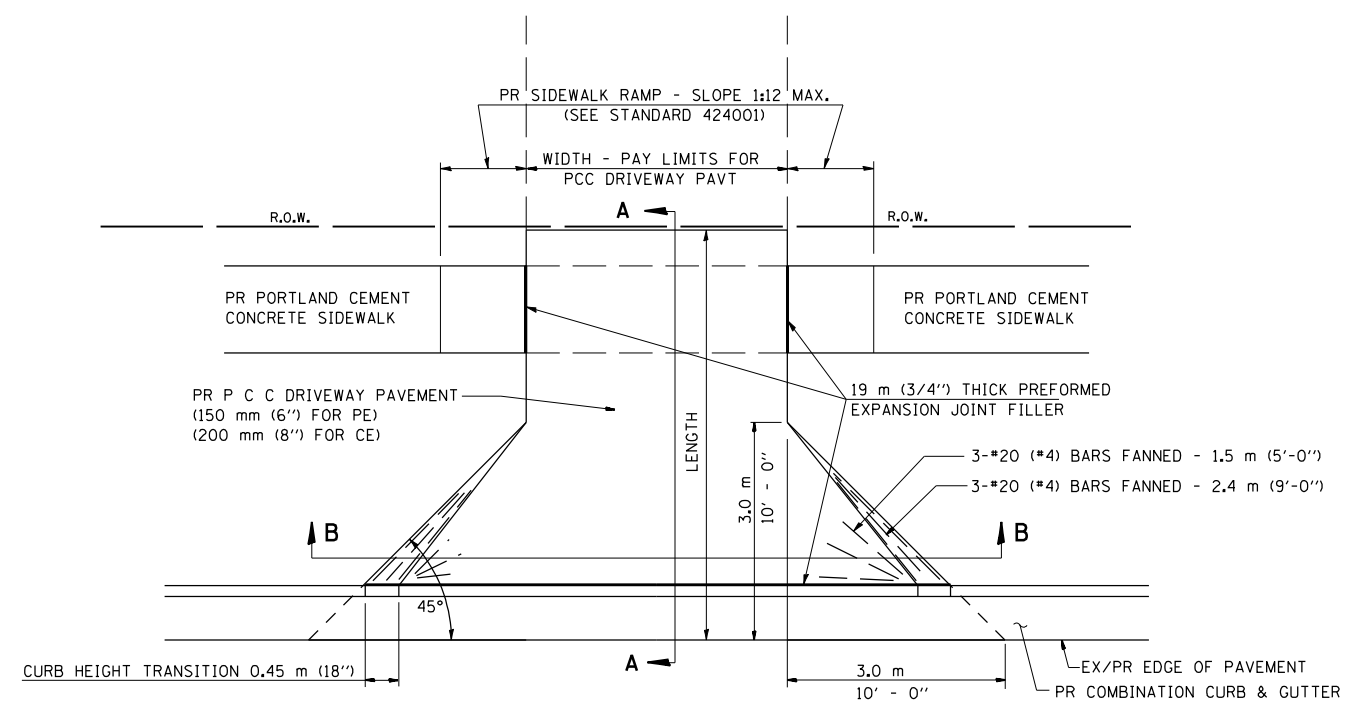
DRAWN BY CAD-mg  
CHECKED BY

JLGT017

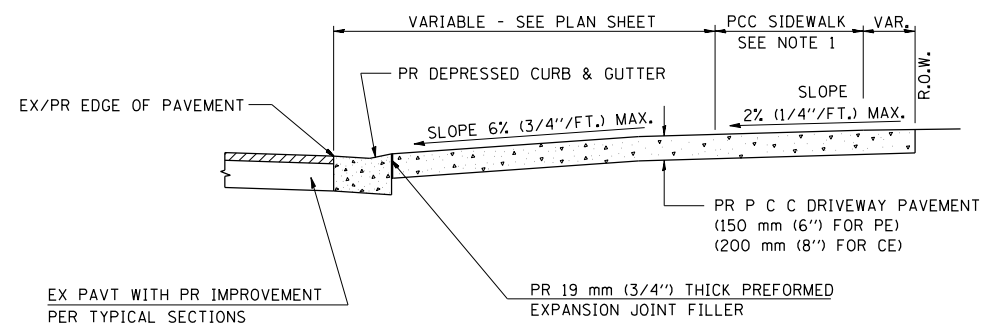




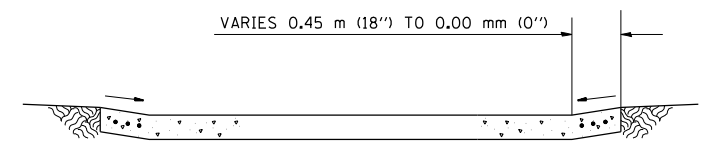
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 221), N, TS	LOGAN	111	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PLAN - URBAN PE & CE



SECTION A - A



SECTION B - B

- NOTES:
- SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
  - THE COST OF FURNISHING AND INSTALLING THE 19 mm (3/4") PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

LOCATION (LT/(STA) ( + ) (RT))	TYPE OF ENTRANCE (FE/PE/CE/MB)	EXIST MATERIAL TYPE (EARTH/ AGG./ BIT./ P. C. C.)	WIDTH FT	LENGTH (FROM FRONT EDGE OF GUTTER TO LIMITS OF IMPROVEMENT) FT	DRIVEWAY PAVEMENT REMOVAL SQ YD	P. C. C DRIVEWAY PAVEMENT 8" SQ YD
RT. STA. 134+38.34	CE	P. C. C.	45	24.3	143	89.2
RT. STA. 135+ 38.02	CE	P. C. C.	35	20.3	200	77.1
LT. STA. 141+37.35	CE	P. C. C.	36	14.9	117.8	57.1

REVISIONS	
NAME	DATE
TMJ	09-19-05

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DETAIL FOR URBAN ENTRANCE IN CURB AND GUTTER SECTION**

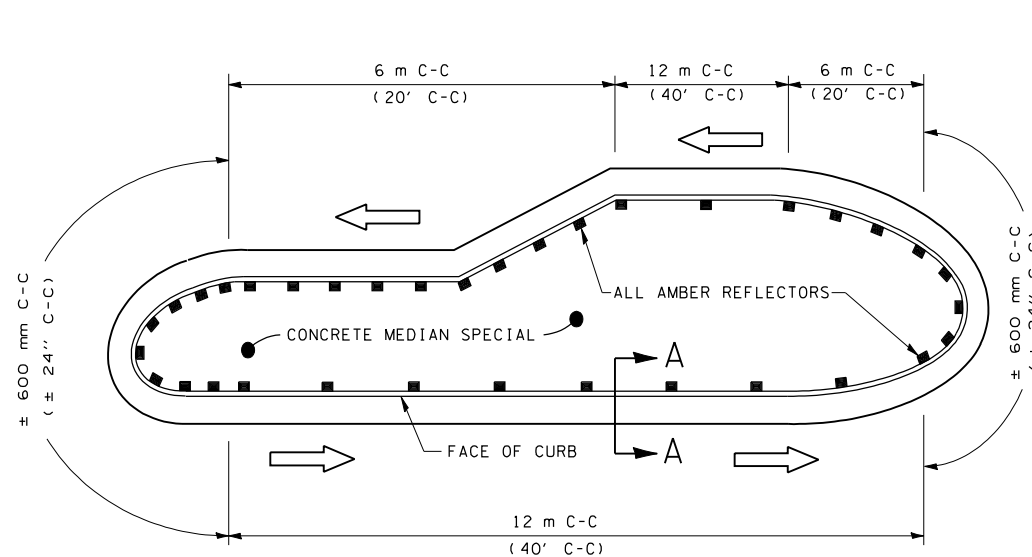
SCALE: VERT.      DRAWN BY TMJ  
 HORIZ.              CHECKED BY JCN  
 DATE: MARCH 17, 2000

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\653384\sh3\rentcg.dgn  
 PLOT SCALE = 42,353.1 / IN.  
 USER NAME = laughlin-1

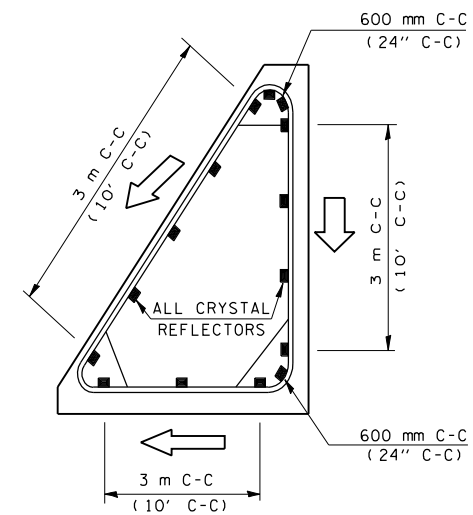


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	70
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

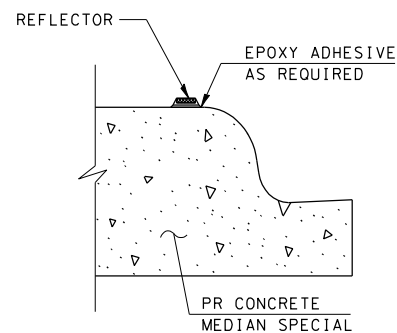
\* (103,22)I,N,TS



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON RAISED MEDIAN

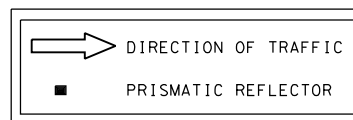


TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBED CORNER ISLAND



SECTION A-A

LEGEND



GENERAL NOTES

PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL UNITS AND THE REFLECTOR FACE SHALL BE POSITIONED TO FACE THE APPROACHING TRAFFIC.

PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.

PRISMATIC REFLECTOR FACE SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.

NOT TO SCALE

REVISIONS	
NAME	DATE
MWG	10-20-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

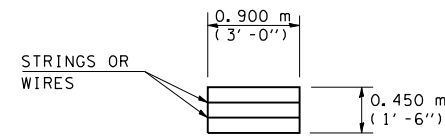
PRISMATIC REFLECTOR DETAILS  
FAP 320  
LOGAN COUNTY  
( PLACED ON CURB )

SCALE: VERT.  
HORIZ.  
DATE: MARCH 2, 1999

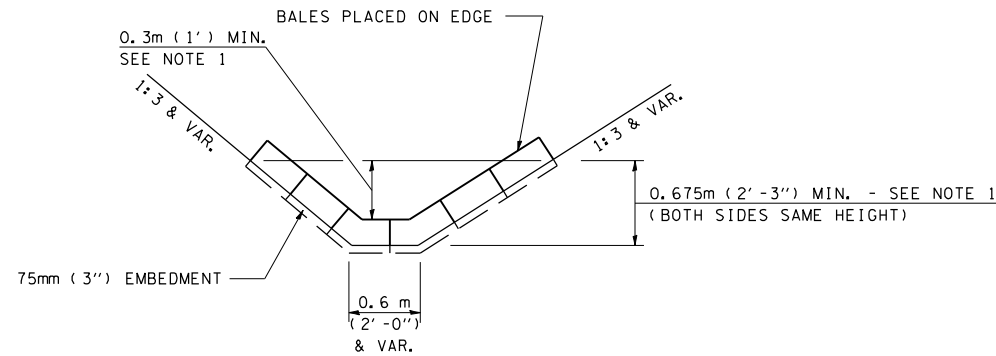
DRAWN BY  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	71
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (103,22)I,N,TS



**HAY OR STRAW BALE**  
(TYPICAL ELEVATION)



**HAY OR STRAW BALE TEMPORARY DITCH CHECK**  
(TYPICAL & SEE GENERAL NOTES FOR SUBSTITUTION TO FLUSH RIPRAP DITCH CHECK)

**LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN**

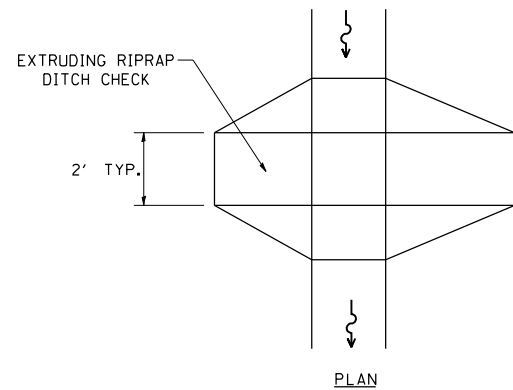
ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2') ]	
TEMPORARY DITCH CHECKS (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
INLET PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
DIRECTION OF OVERLAND FLOW	

**GENERAL NOTES:**

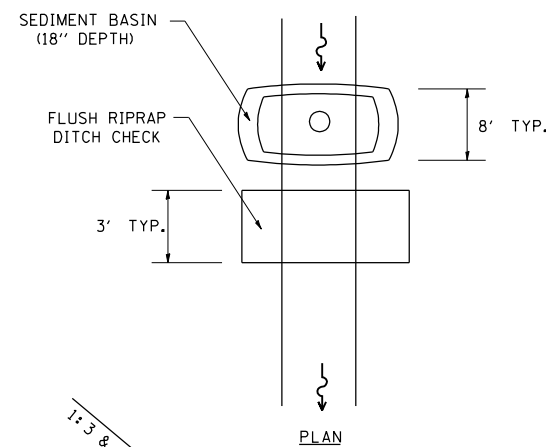
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

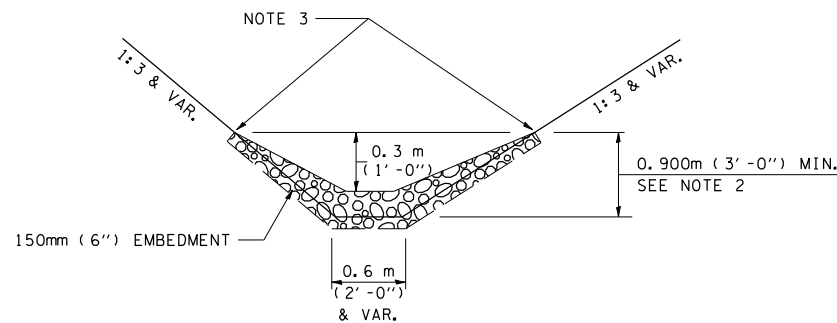
**THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.**



PLAN

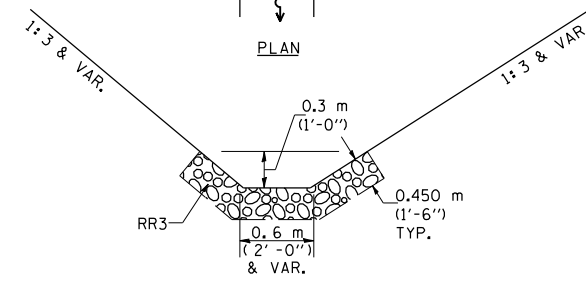


PLAN



ELEVATION

**OPTION 1**  
(EXTRUDING DITCH CHECK)  
RECOMMENDED FOR AREAS W/ RIPRAP DITCH LINING



ELEVATION

**OPTION 2**  
(FLUSH DITCH CHECK)  
RECOMMENDED FOR AREAS W/O RIPRAP DITCH LINING

**STONE DUMPED RIPRAP DITCH CHECK**  
(TYPICAL & OPTIONS 1 & 2 AS DIRECTED BY THE ENGINEER)

NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.

NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

**SWPPLAN**

REVISIONS	
NAME	DATE
CAD Symbol	2AUG99
JCN	MAR2004

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
**FAP 320 AT FAU 7706**  
**SECTION (103,22)I,N,TS**  
**LOGAN COUNTY**

SCALE: VERT.      DRAWN BY CADD  
          HORIZ.      CHECKED BY JCN  
DATE: APRIL 5, 1999

PLOT DATE = 3/20/2007  
FILE NAME = c:\projects\653304\shgdetail.dgn  
PLOT SCALE = 4:2,3528 / IN.  
USER NAME = laughlinr1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• 1103,221,N,TS

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 320 AT FAU 7706      Marked: IL 10/121  
 Section: (103,22)I,N,TS      Project No.: NA  
 County: LOGAN      Contract No.: 72900

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Chris M Reed*  
 (Signature)

MARCH 23, 2007  
 (Date)

Resident Engineer  
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, XXXX and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of widening and resurfacing of 2,256 km of two lane highways in the village of Raymond in Montgomery County
2. Construction consists of grading, constructing culverts / storm sewer system, concrete gutters, widening, bituminous resurfacing, placing aggregate shoulders and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Tree removal will be completed to clear approximately 0.X hectares of wooded land.
2. Excavation will be completed along the entire length to grade out for proposed roadway ditches and waterways.
3. Excavation will also be completed in proposed cut sections to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
4. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
5. Drainage structures will be installed before and/or during the construction of the excavation and embankment to allow proper drainage across the proposed two lane facility.
6. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
7. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
8. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 4-2 acres in which 1 acre will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. District 6 Creek
2. Minor tributaries of the above

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
**FAP 320 AT FAU 7706**  
**SECTION (103,22)I,N,TS**  
**LOGAN COUNTY**

SCALE: VERT.      DRAWN BY CAD  
 HORIZ.              CHECKED BY JCN  
 DATE: APRIL 5, 1999



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• (103,22)I,N,TS

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:

(a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.

(b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.

(c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.

(d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".

(e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".

(f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.

2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.

3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.

(a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.

(b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.

(c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:

- i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
- ii. Temporary seed highly erodible areas outside the construction slope limits
- iii. Construct roadside ditches and provide temporary erosion control systems
- iv. Temporary divert water around proposed culvert locations
- v. Build necessary embankment at culvert locations and then excavate and place culvert
- vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes

(d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.

(e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.

2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.

2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.

3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.

4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.

5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.

2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency  
 Division of Water Pollution Control  
 2200 Churchill Road, P.O. Box 19276  
 Springfield, IL 62794-9276  
 Attn: Compliance Assurance Section

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
**FAP 320 AT FAU 7706**  
**SECTION (103,22)I,N,TS**  
**LOGAN COUNTY**

SCALE: VERT.      DRAWN BY CADD  
 HORIZ.              CHECKED BY JCN  
 DATE: APRIL 5, 1999

**SWPPLAN**

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\653304\shgtgendetail.dgn  
 PLOT SCALE = 4.2,3528 / IN.  
 USER NAME = laughlinc1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	*	LOGAN	111	74

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

• (103,22)I,N,TS

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 \_\_\_\_\_, issued by the Illinois Environmental Protection Agency on \_\_\_\_\_.

Route: FAP 320 AT FAU 7706 Marked: IL 10/121

Section: (103,22)I,N,TS Project No.: NA

County: LOGAN Contract No.: 72900

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_

Name of Firm \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone Number \_\_\_\_\_

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

PLOT DATE : 3/20/2007  
 FILE NAME : c:\projects\653304\shgdetail.dgn  
 PLOT SCALE : 4.23528 / IN.  
 USER NAME : laughlinr1

SWPPLAN

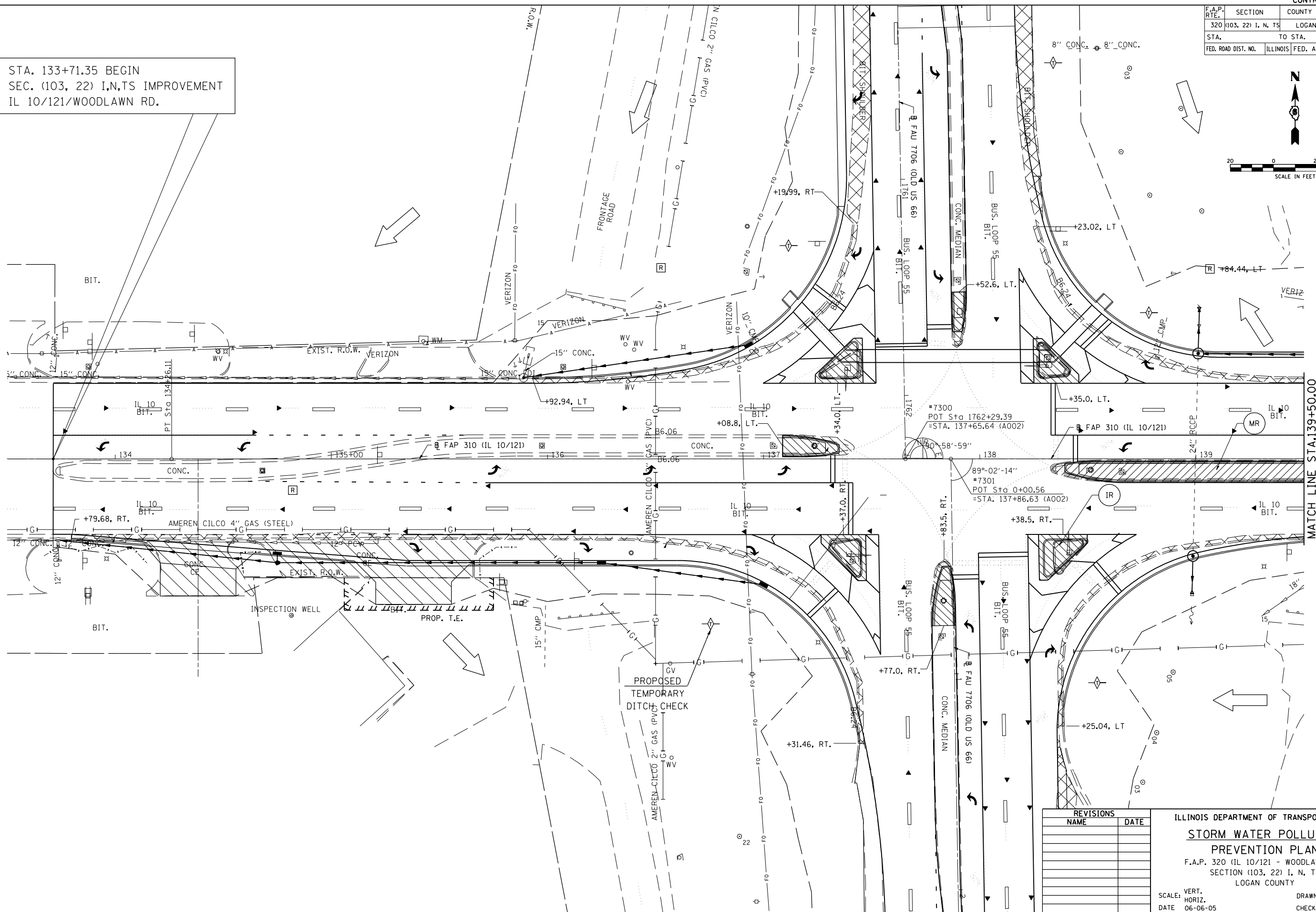
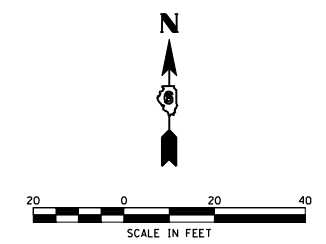
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION  
 PREVENTION PLAN**  
**FAP 320 AT FAU 7706**  
**SECTION (103,22)I,N,TS**  
**LOGAN COUNTY**

SCALE: VERT. \_\_\_\_\_ DRAWN BY CADD  
 HORIZ. \_\_\_\_\_  
 DATE: APRIL 5, 1999 CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(103, 22) I, N, TS	LOGAN	111	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 133+71.35 BEGIN  
SEC. (103, 22) I,N,TS IMPROVEMENT  
IL 10/121/WOODLAWN RD.



MATCH LINE STA.139+50.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
F.A.P. 320 (IL 10/121 - WOODLAWN RD.)  
SECTION (103, 22) I, N, TS  
LOGAN COUNTY

SCALE: VERT. 1"=10'  
HORIZ. 1"=40'  
DATE: 06-06-05

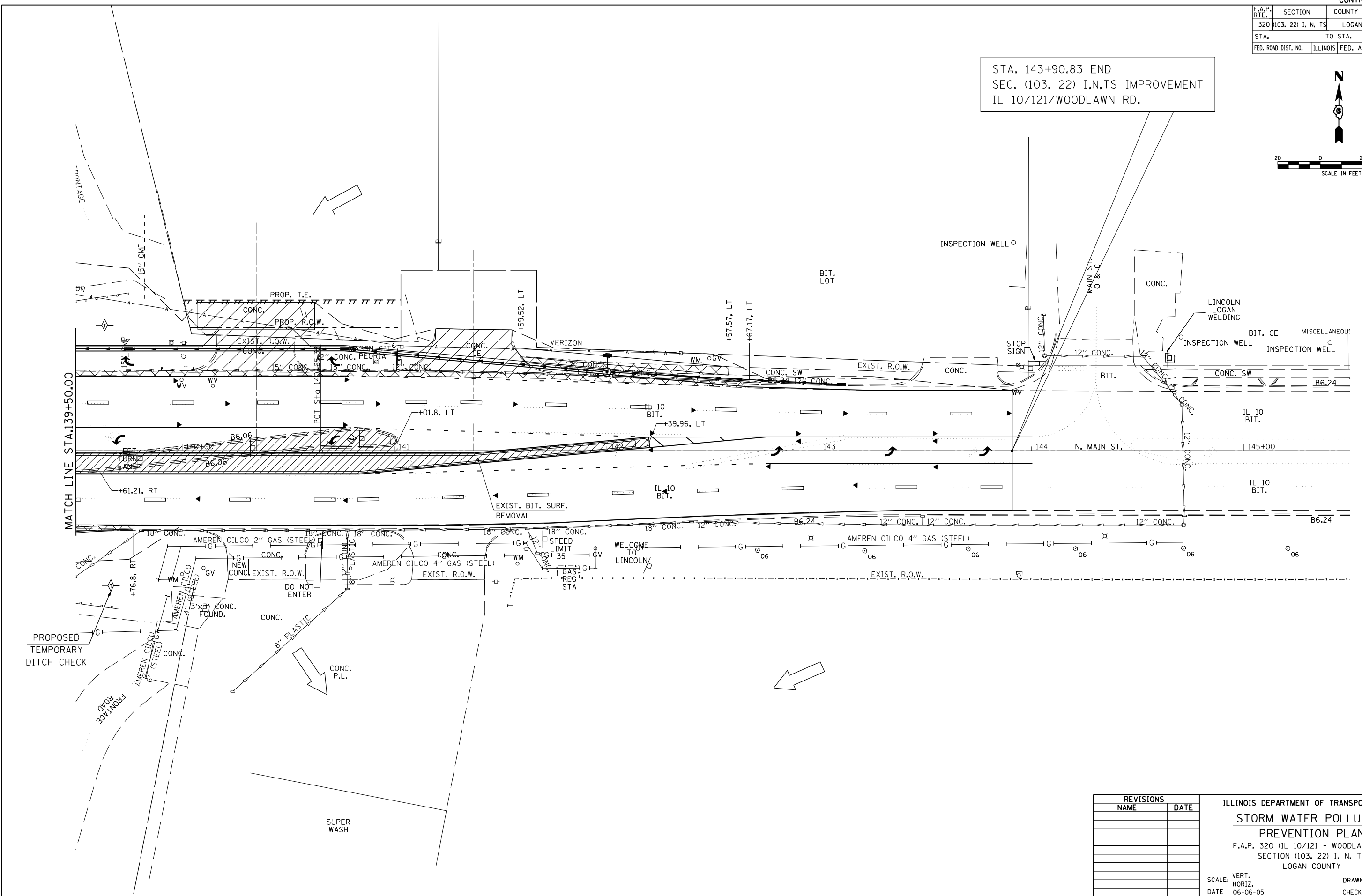
DRAWN BY: TMJ  
CHECKED BY: VTY

PLOT DATE = 3/26/2007  
 FILE NAME = c:\projects\665338A\shp\ppr110.dgn  
 PLOT SCALE = 42.3525' / IN.  
 REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320 (103, 22) I, N, TS		LOGAN	111	76
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 143+90.83 END  
 SEC. (103, 22) I, N, TS IMPROVEMENT  
 IL 10/121/WOODLAWN RD.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
 F.A.P. 320 (IL 10/121 - WOODLAWN RD.)  
 SECTION (103, 22) I, N, TS  
 LOGAN COUNTY

SCALE: VERT. 1"=20'  
 HORIZ. 1"=40'  
 DATE: 06-06-05

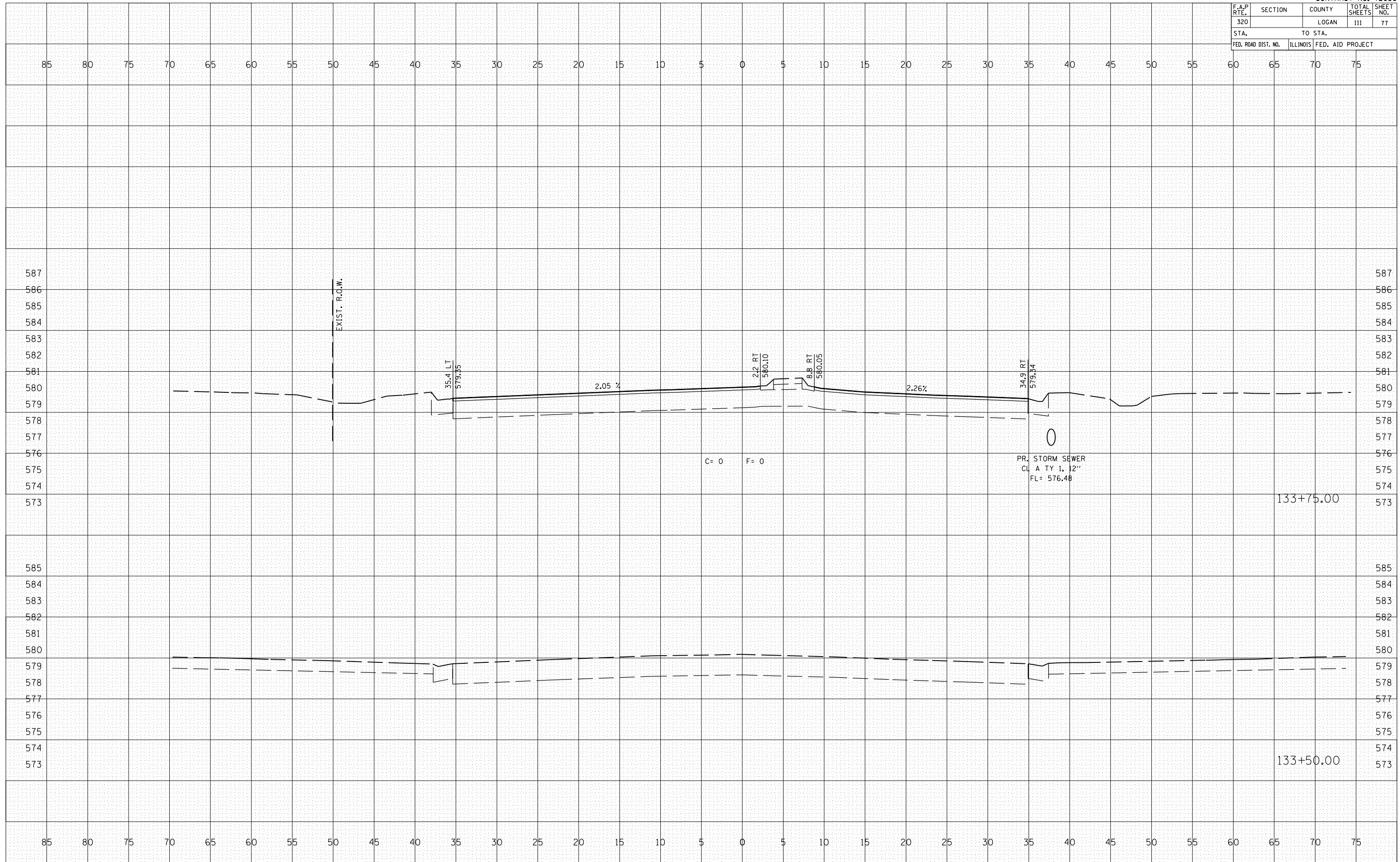
DRAWN BY: TMJ  
 CHECKED BY: VTY

PLOT DATE = 3/20/2007  
 FILE NAME = c:\projects\65338A\shp\ppr110.dgn  
 PLOT SCALE = 42.352% / IN.  
 REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	77

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



BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	AREAS CHECKED

NO. \_\_\_\_\_ DATE: \_\_\_\_\_

FINAL SURVEYED SURVEY PLOTTED NOTE BOOK AREAS CHECKED

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	AREAS CHECKED

NO. \_\_\_\_\_ DATE: \_\_\_\_\_

ORIGINAL SURVEYED SURVEY PLOTTED NOTE BOOK AREAS CHECKED

PLOT DATE = 3/28/2007  
 FILE NAME = I:\105882\105882.dwg  
 PLOT SCALE = 10.5882 / IN.  
 USER NAME = laughlin-l

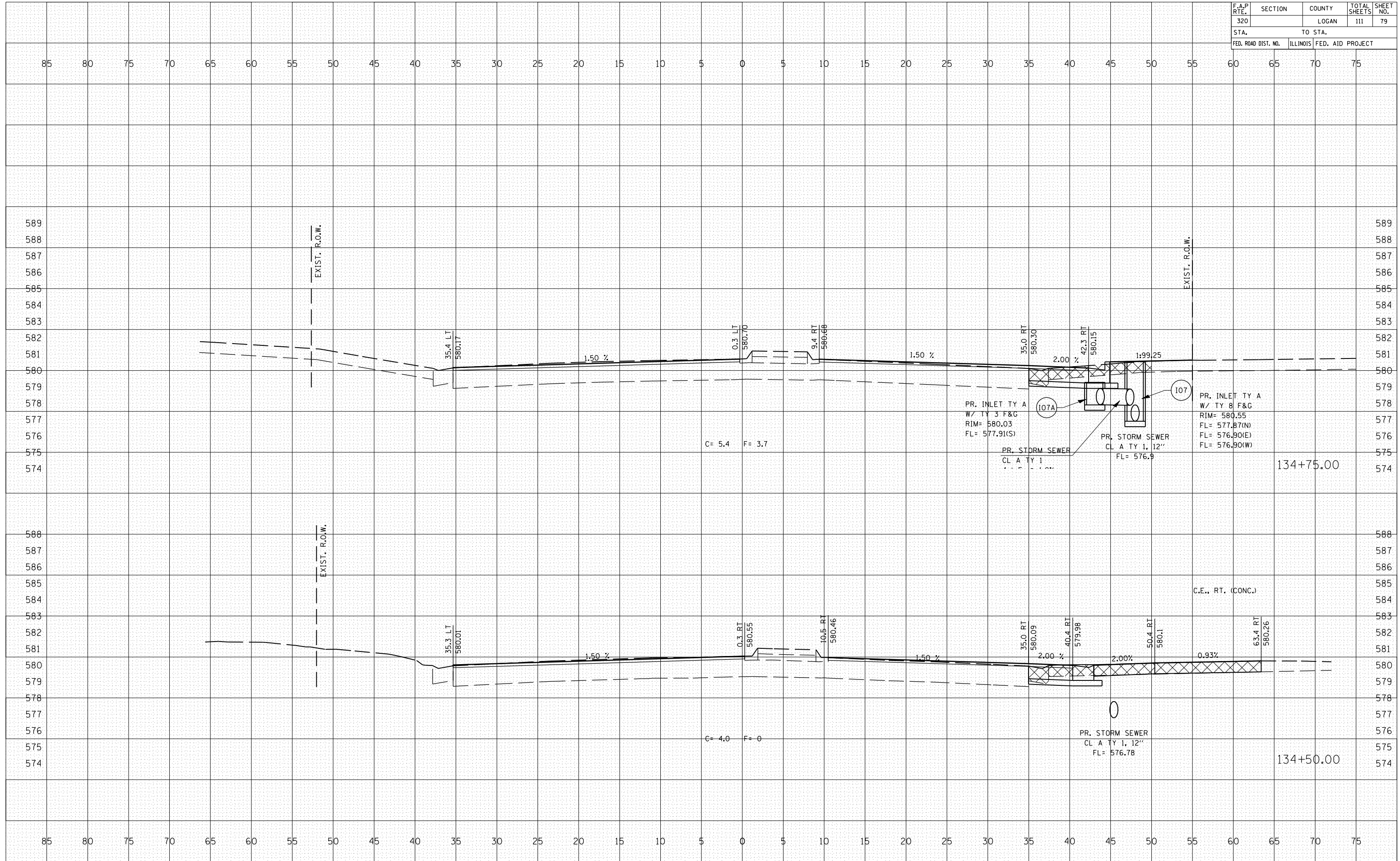


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	79
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 3/20/2007  
 FILE NAME = 1015582.dwg  
 PLOT SCALE = 10.0000 / IN.  
 USER NAME = laughlin-1

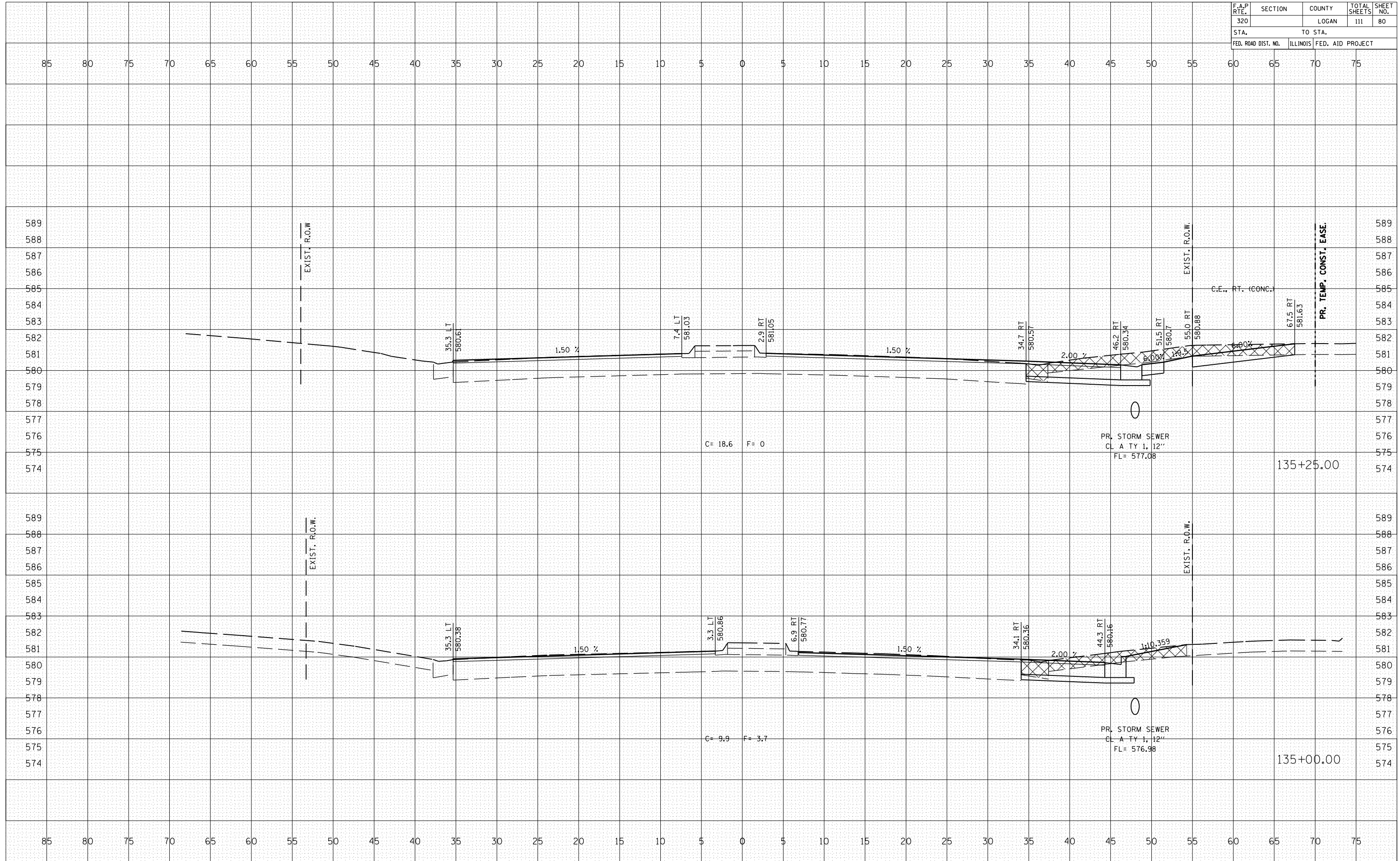


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

PLOT DATE = 3/20/2007  
 FILE NAME = 1015582.dwg  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1



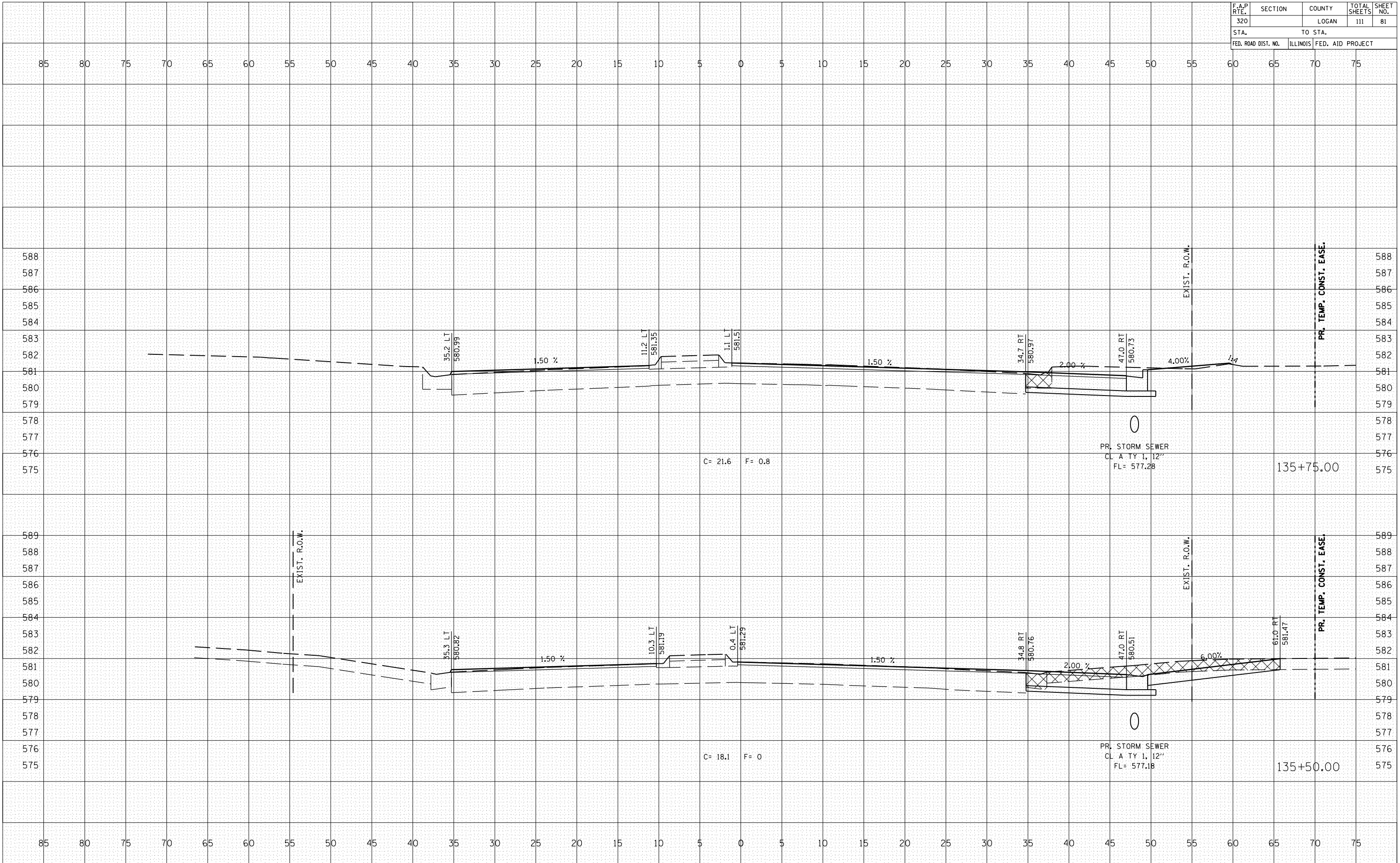


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 3/20/2007  
 FILE NAME = \\s02\p02\proj\72900\1015582.dwg  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

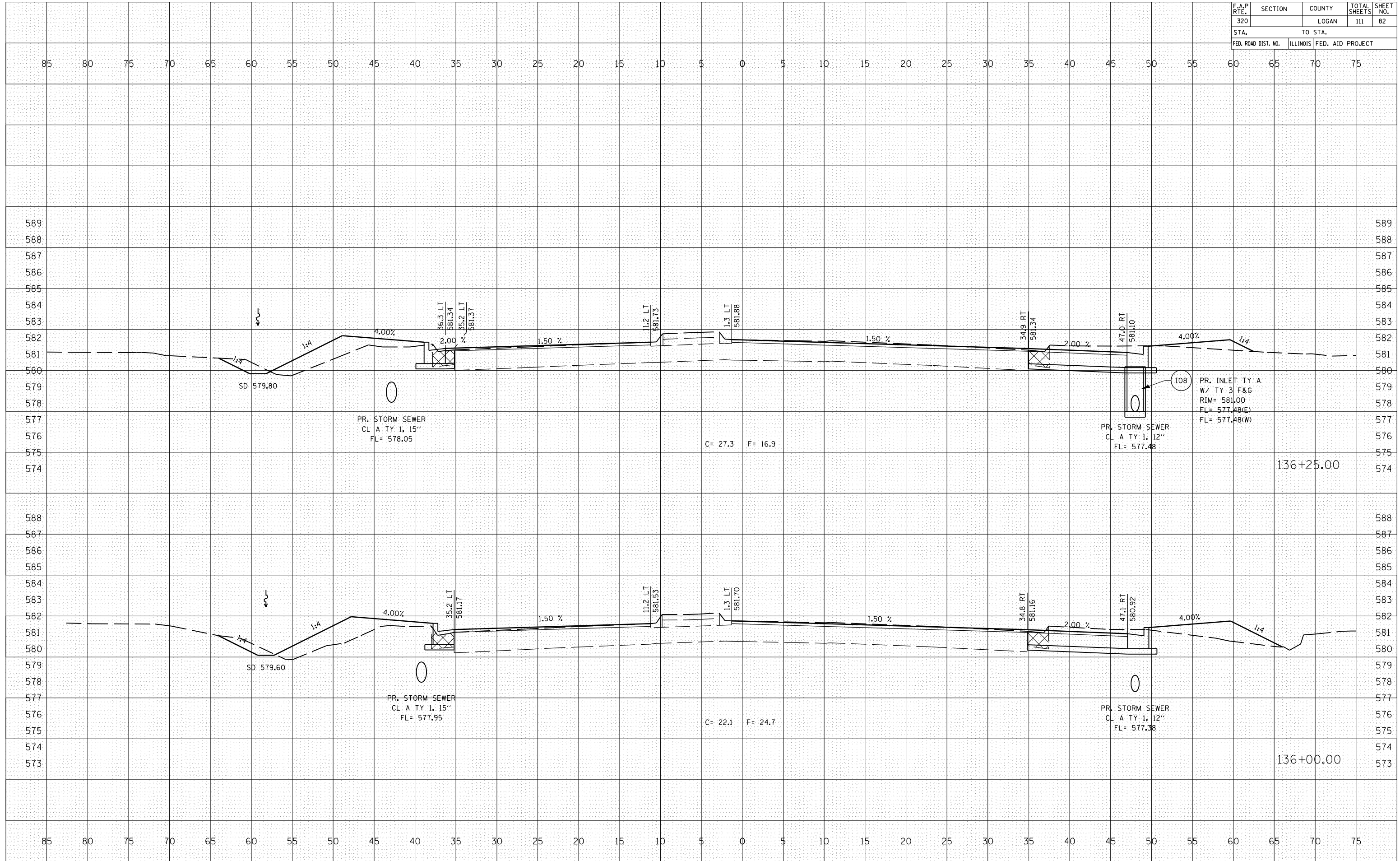
NO.	FINI SURVEY	SURVEYED	PLOTTED	DATE	AREAS CHECKED

BY	DATE

NO.	ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE	AREAS CHECKED

PLOT DATE = 3/28/2007  
 FILE NAME = 1015582  
 PLOT SCALE = 10.5582 / IN.  
 USER NAME = laughlin-1

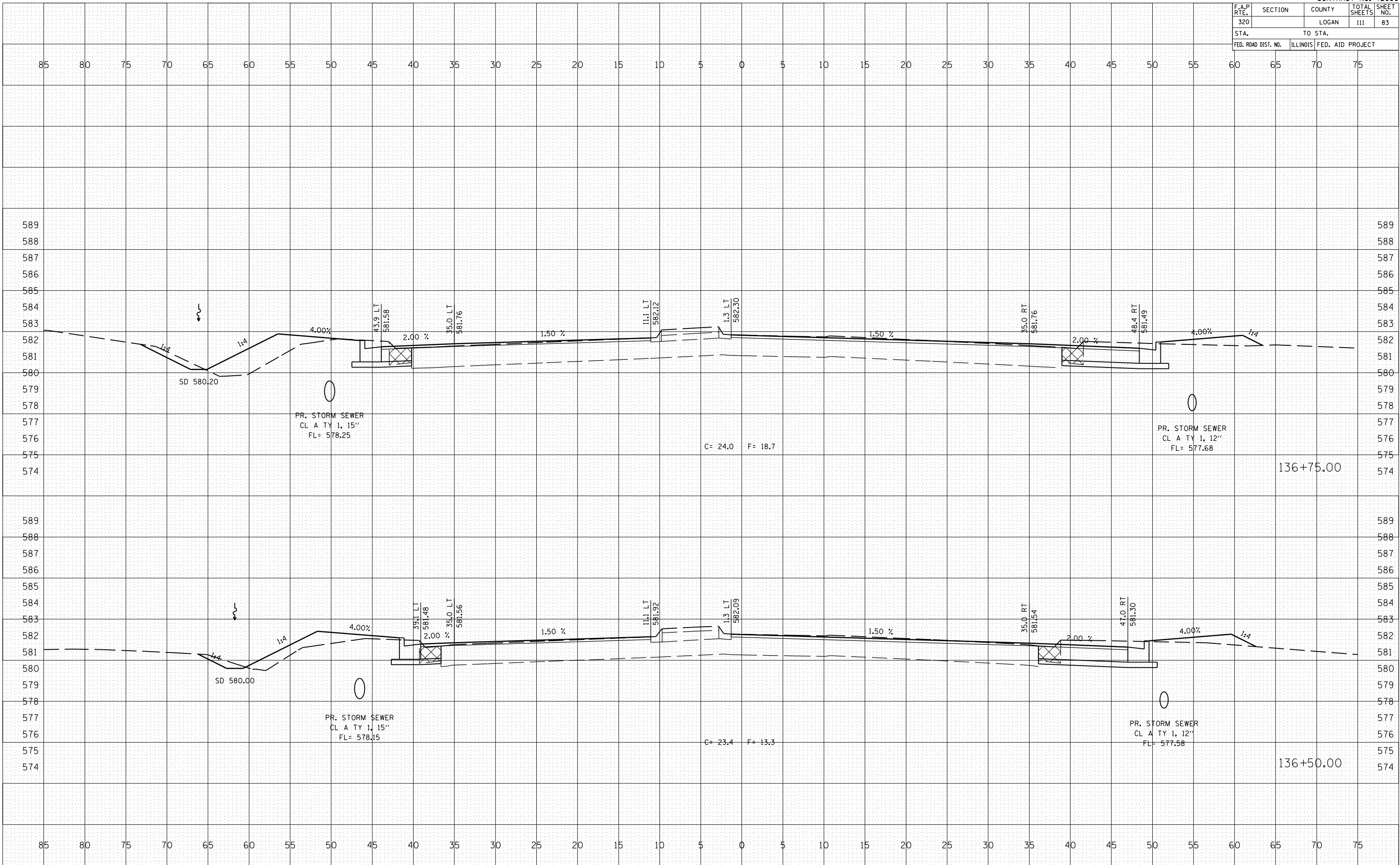


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	83
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

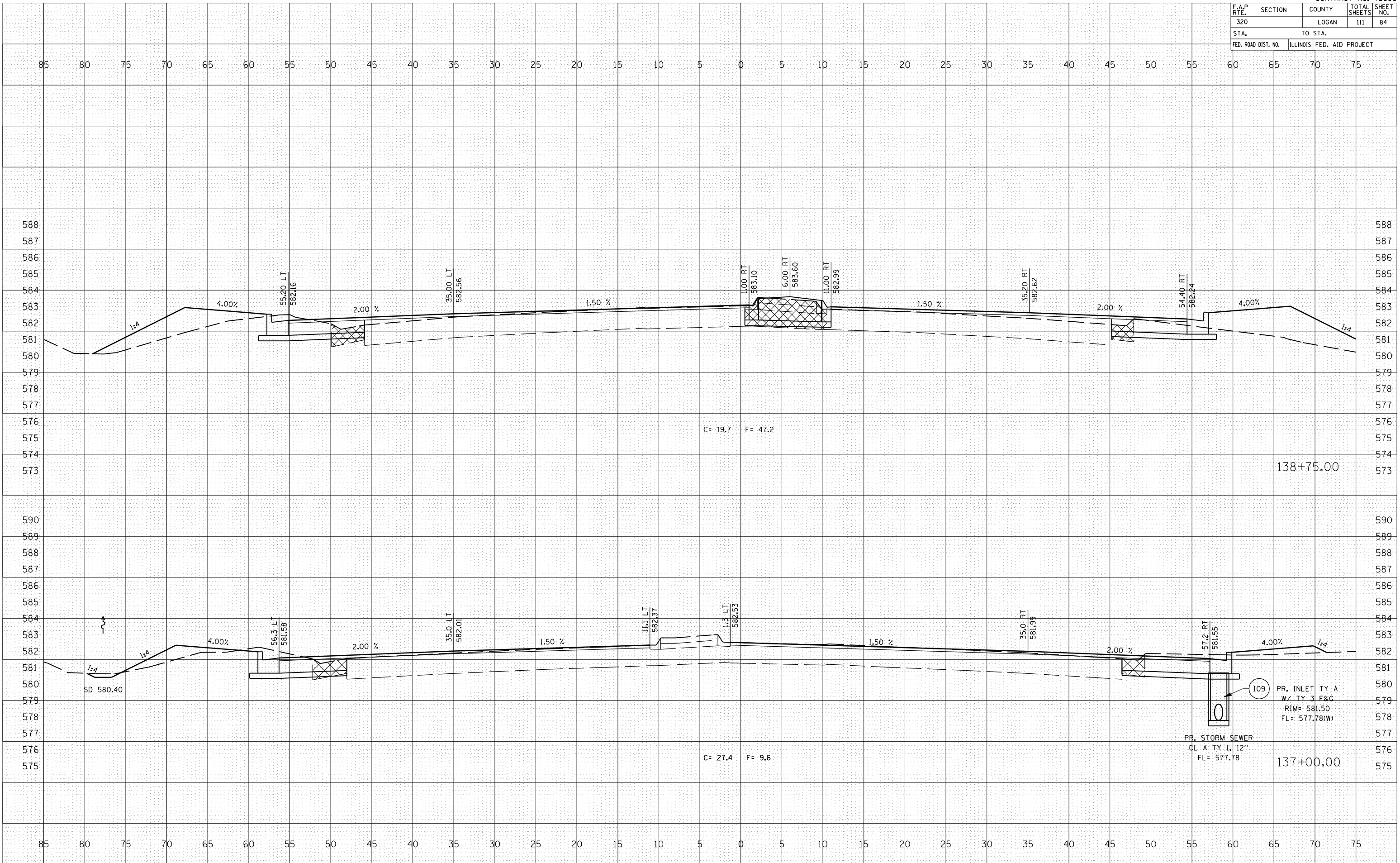
BY	DATE

PLOT DATE = 3/28/2007  
 FILE NAME = \s\6653384\10082\10082.dwg  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-l



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	84

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



BY	DATE

BY	DATE

FINAL SURVEY	
PLOTTED	
NO. AREAS CHECKED	

ORIGINAL SURVEY	
PLOTTED	
NO. AREAS CHECKED	

PLOT DATE = 2/28/2007  
 FILE NAME = 10.5582  
 PLOT SCALE = 10.5582 / IN.  
 USER NAME = laughlin-l

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	85
STA.			TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

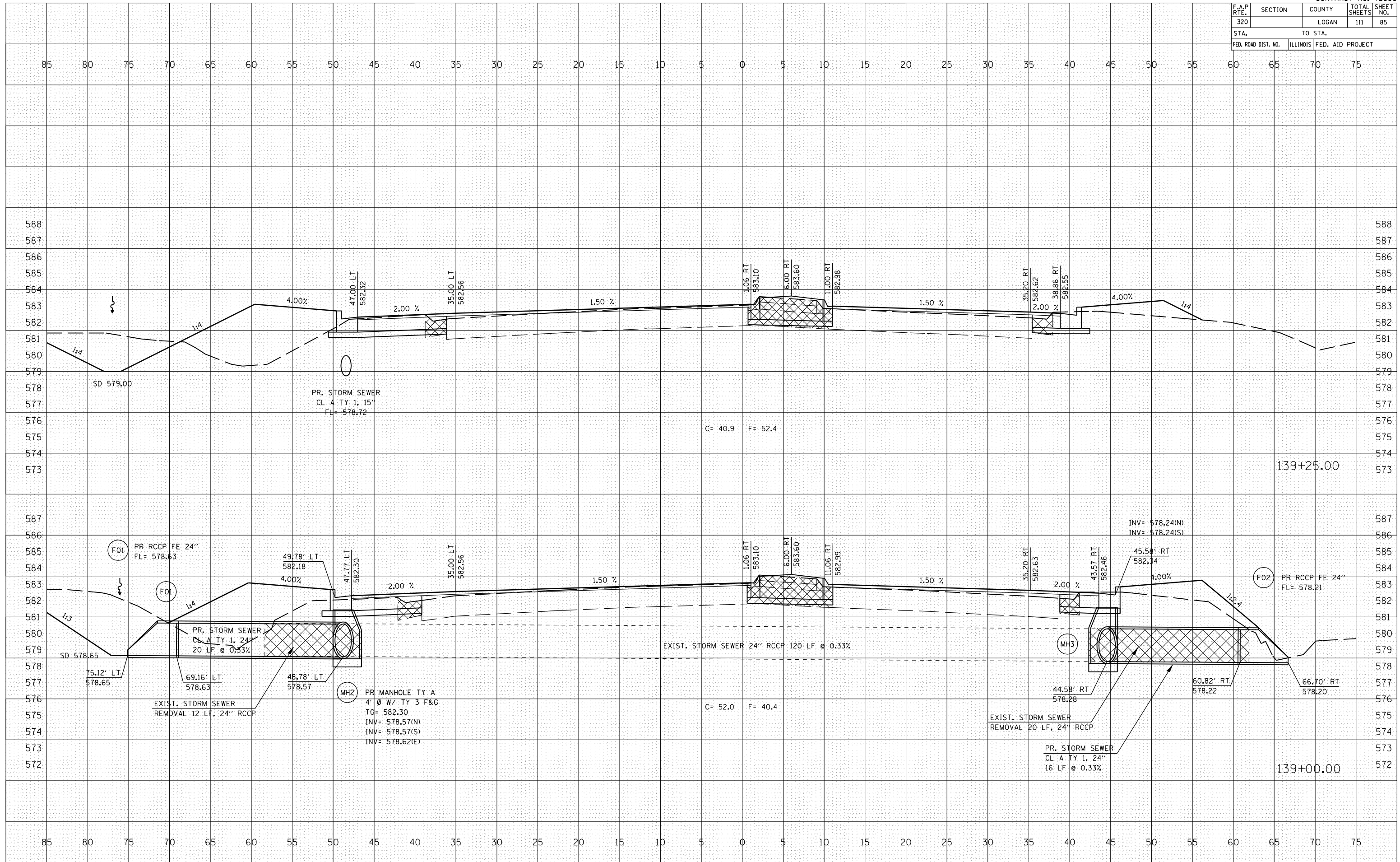
NO.	DESCRIPTION
1	FINISH SURVEY
2	SURVEYED
3	PLOTTED
4	DATE
5	NOTE BOOK
6	AREAS CHECKED

BY	DATE

NO.	DESCRIPTION
1	ORIGINAL SURVEY
2	SURVEYED
3	PLOTTED
4	DATE
5	NOTE BOOK
6	AREAS CHECKED

PLOT DATE = 3/28/2007  
 FILE NAME = 101582.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	86
STA.			TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

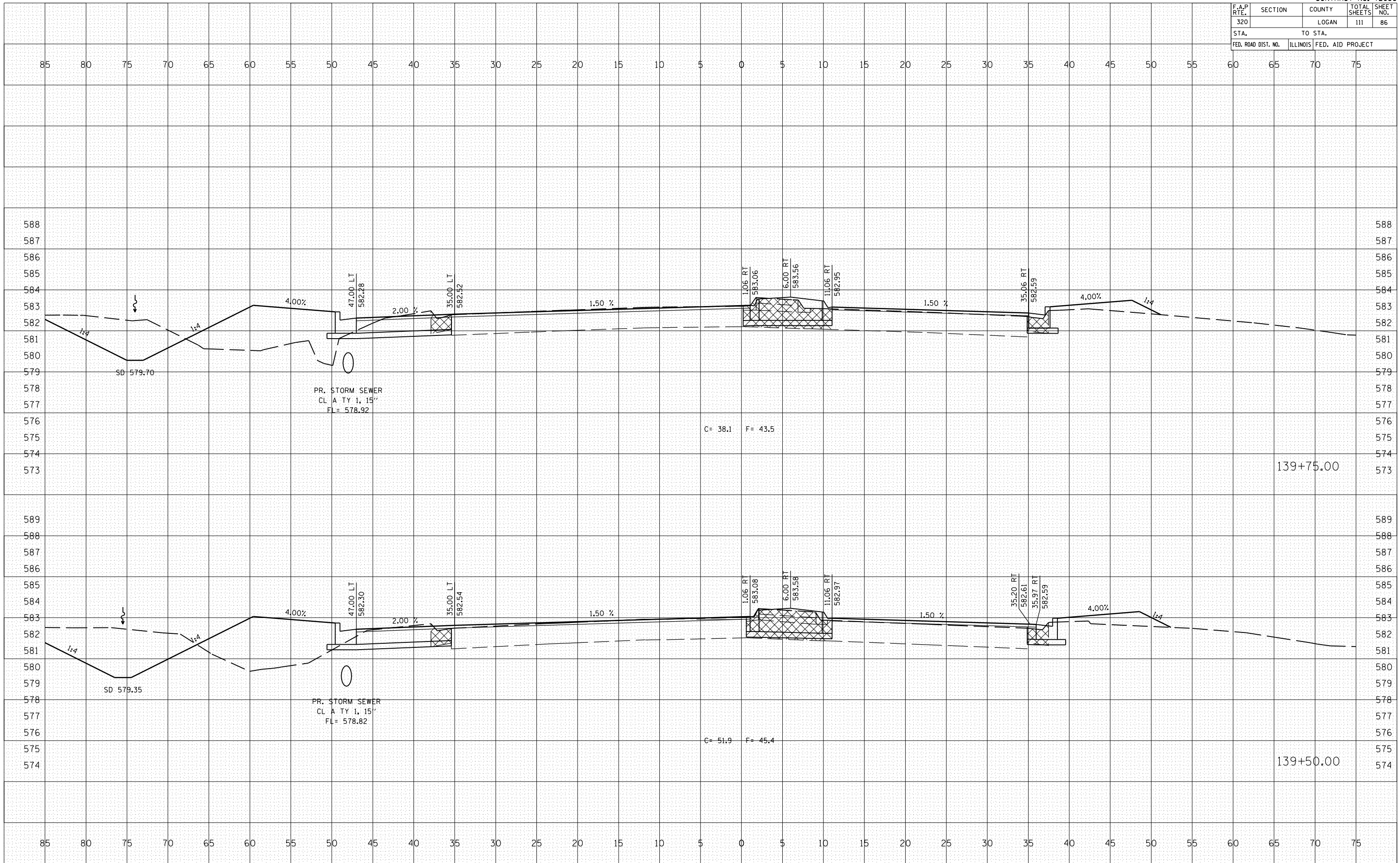
BY	DATE

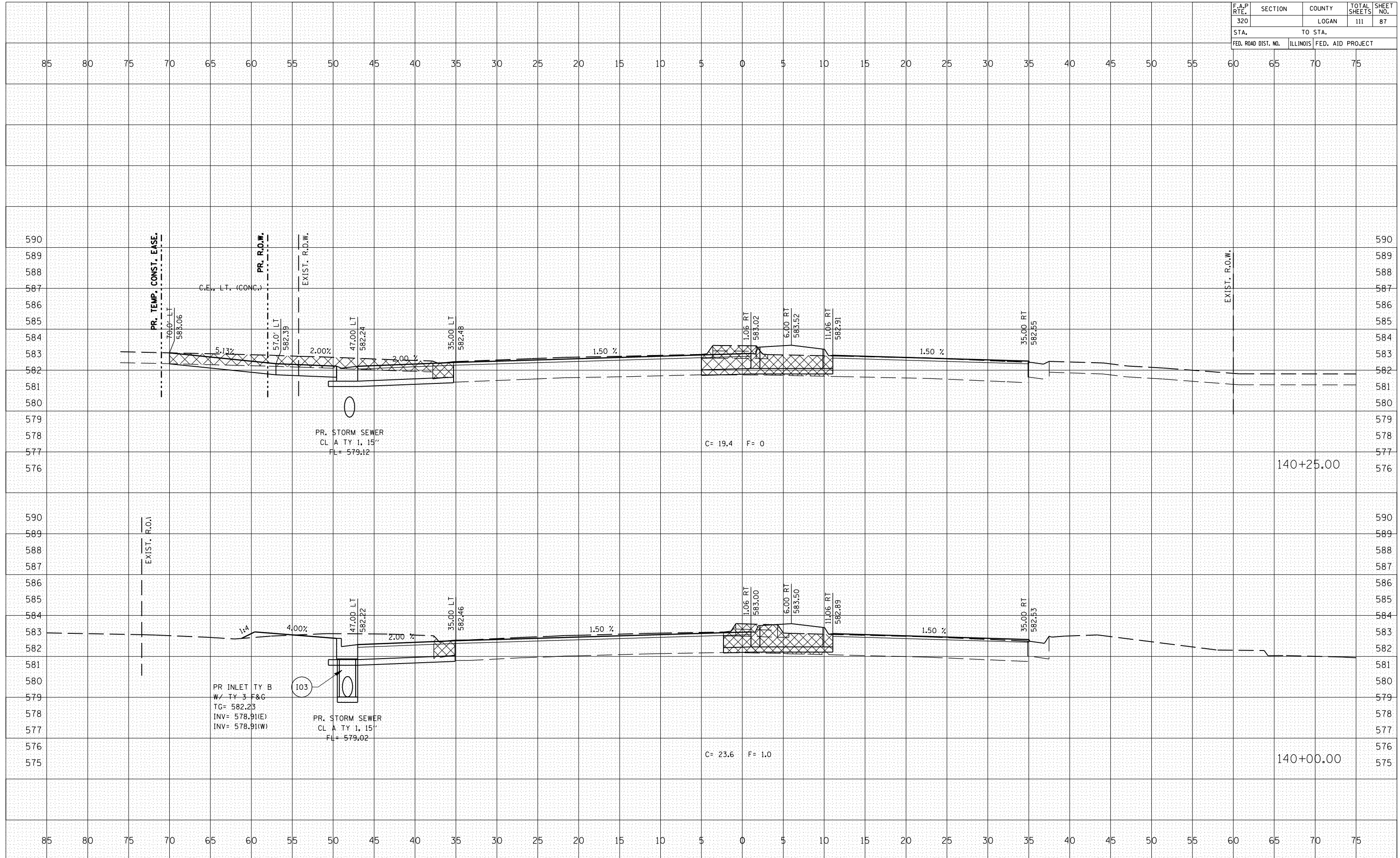
NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

PLOT DATE = 3/20/2007  
 FILE NAME = \s\653384\101022\101022.dwg  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	87
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK NO.	
AREAS CHECKED	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK NO.	
AREAS CHECKED	

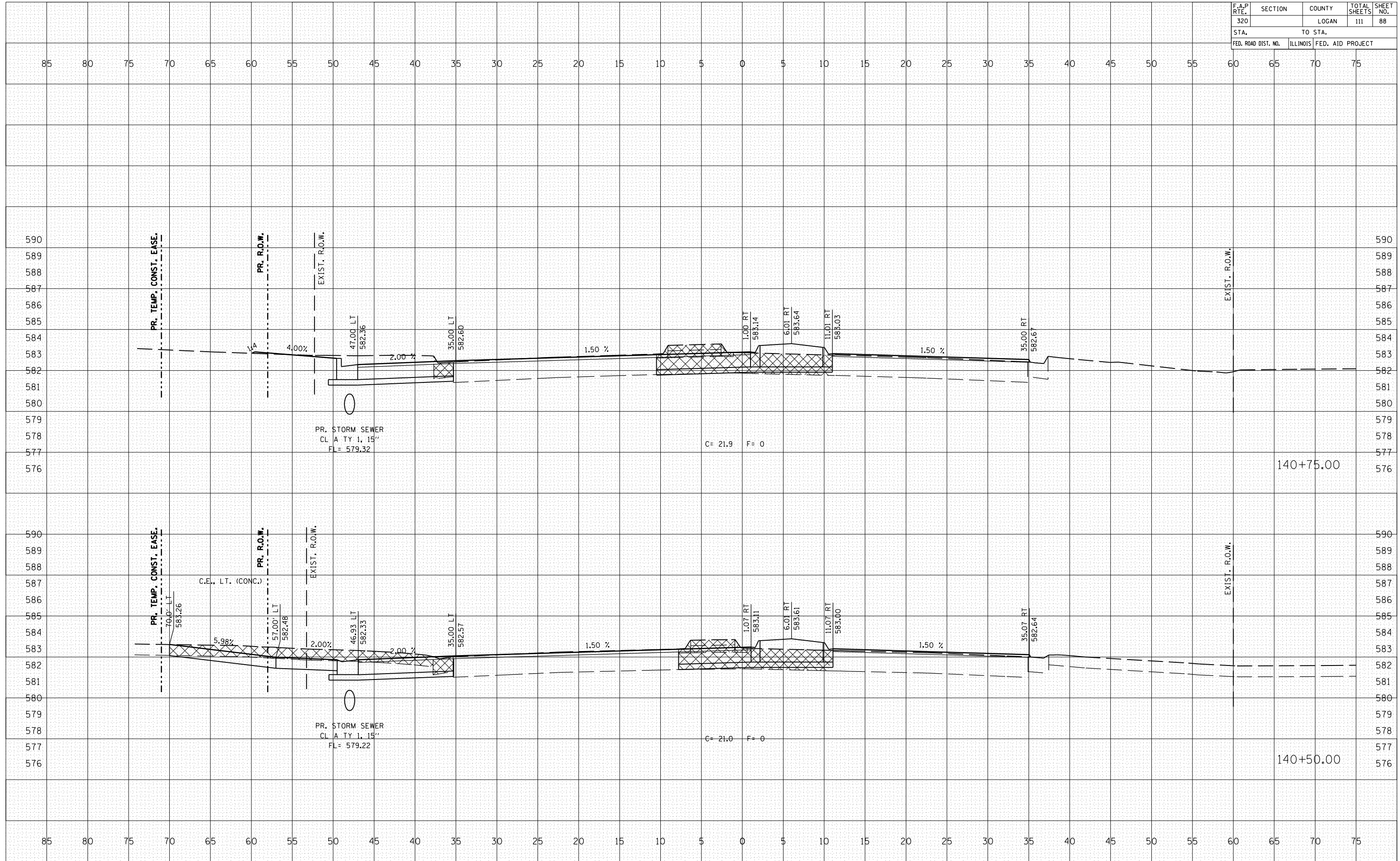
PLOT DATE = 3/28/2007  
 FILE NAME = 10.5682  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = laughlin-l

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	88
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE

PLOT DATE = 3/28/2007  
 FILE NAME = \s\683384\...  
 PLOT SCALE = 10.0000 / IN.  
 USER NAME = laughlin-1



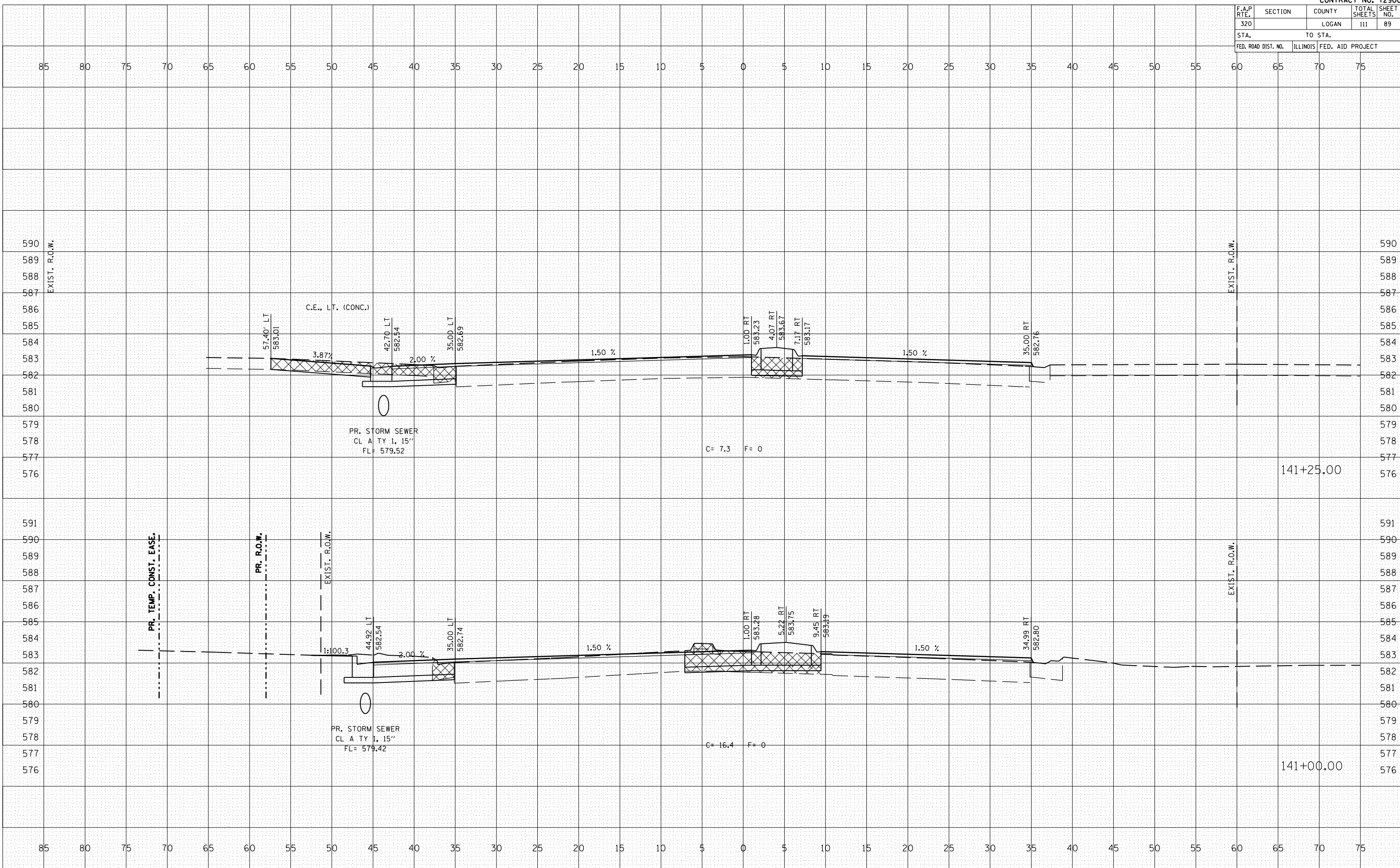


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE
SURVEYED	PLOTTED
NO. BOOK	NO. DATE
AREAS CHECKED	

BY	DATE
SURVEYED	PLOTTED
NO. BOOK	NO. DATE
AREAS CHECKED	

PLOT DATE = 3/28/2007  
 FILE NAME = 1015682.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = laughlin-l

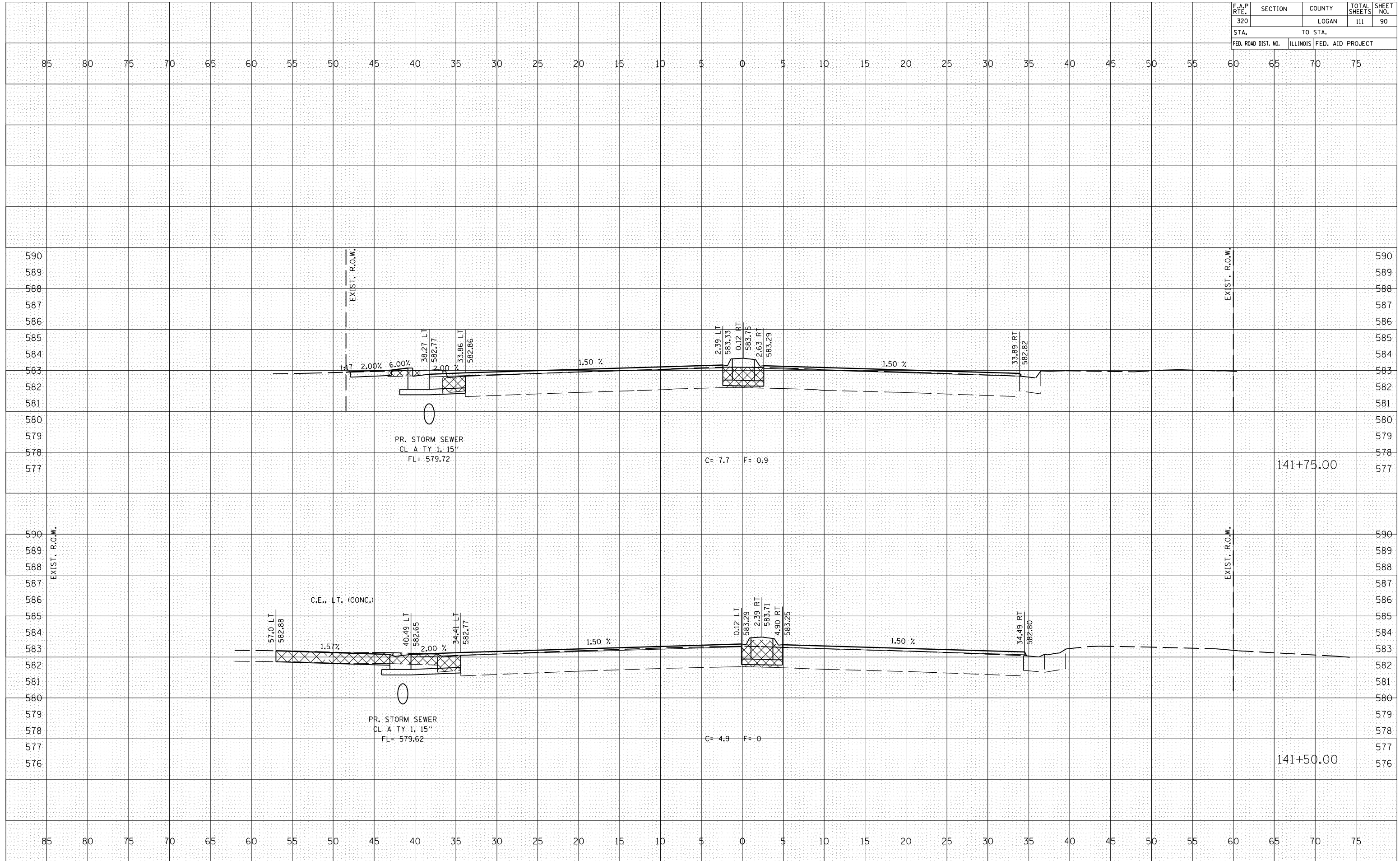


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	90
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 3/28/2007  
 FILE NAME = \\s653384\...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1

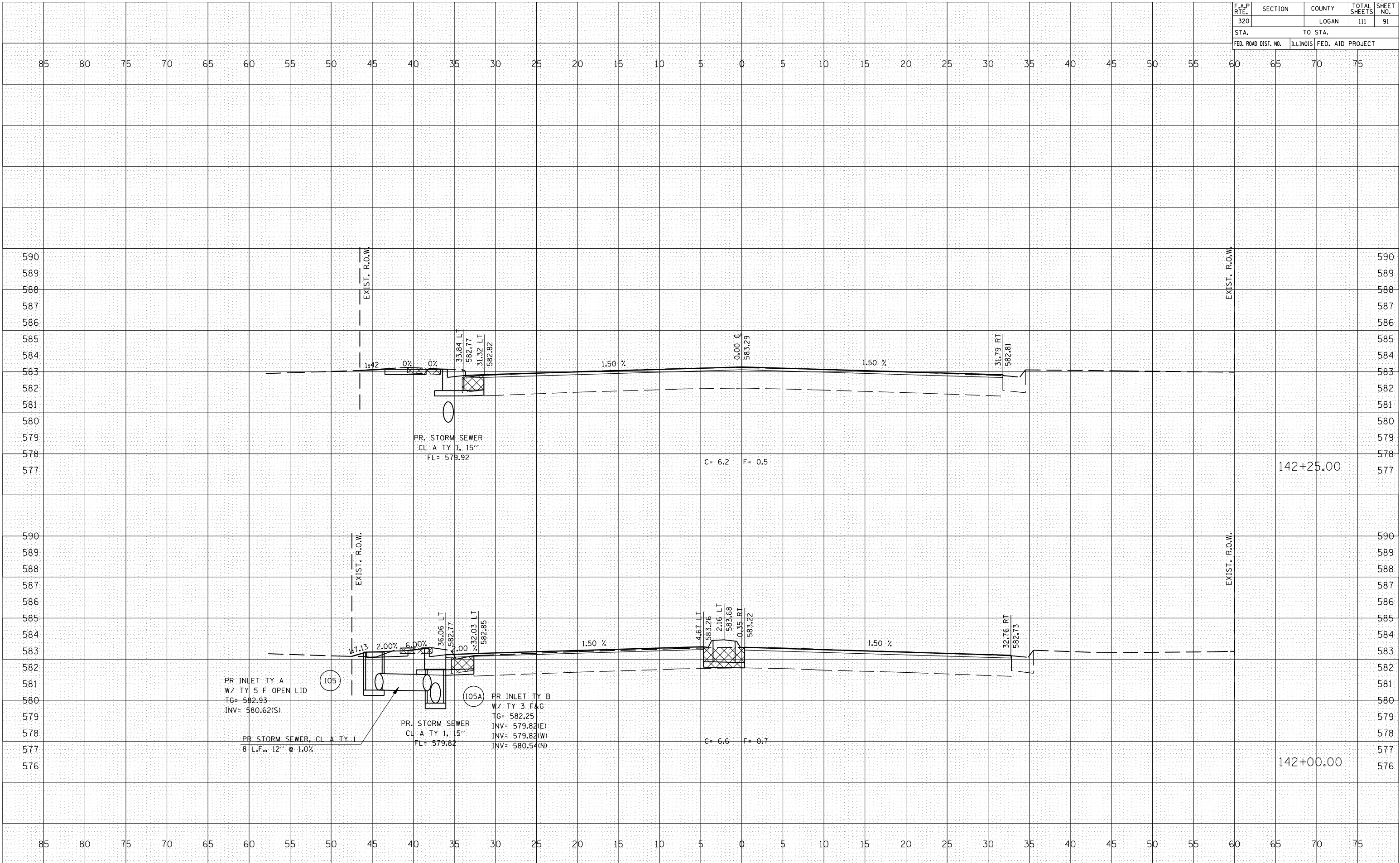


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	91
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID	PROJECT

BY	DATE

BY	DATE

PLOT DATE = 3/28/2007  
 FILE NAME = I:\105882\105882.dwg  
 PLOT SCALE = 1" = 10'-0"  
 USER NAME = laughlin-1

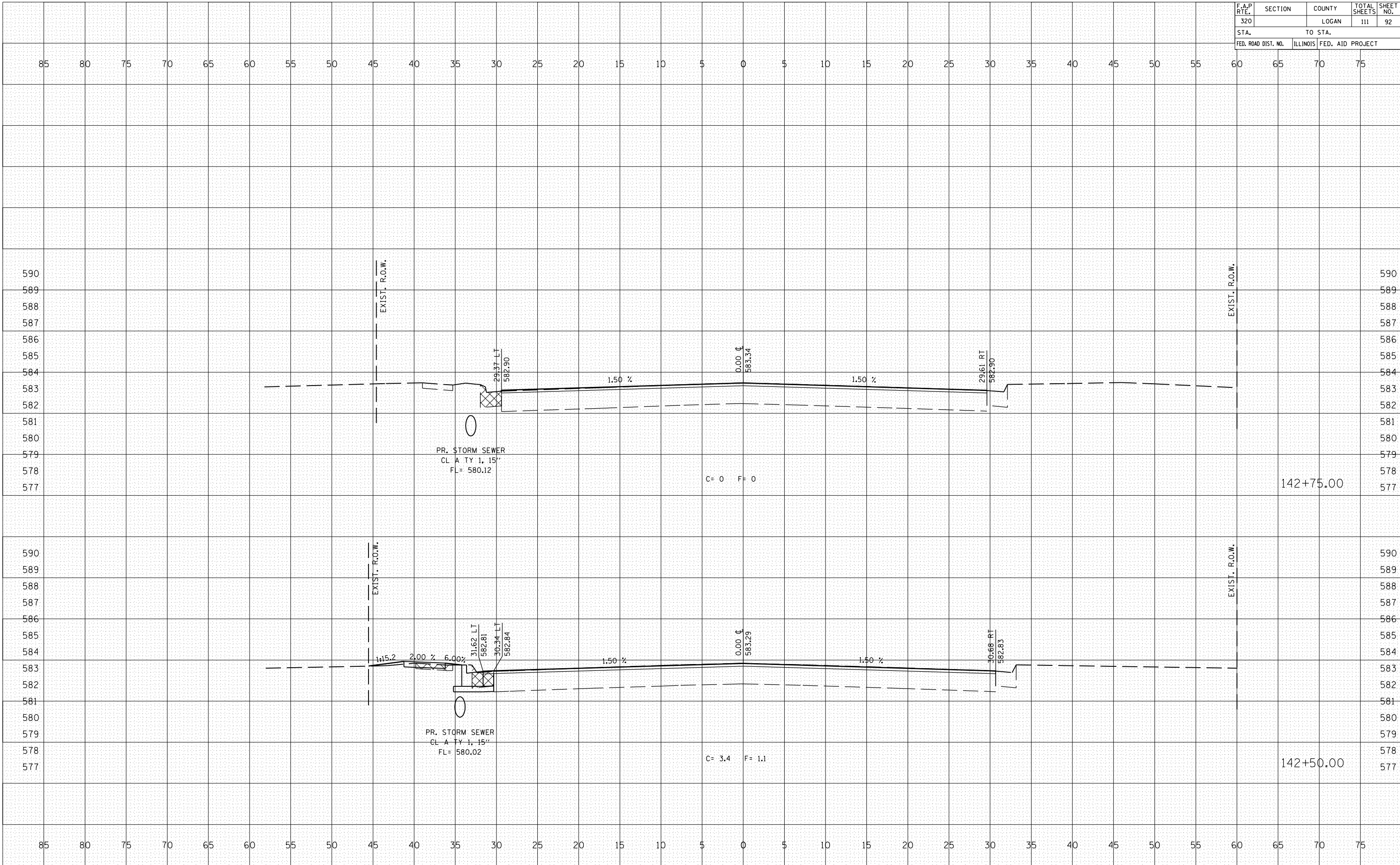


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	92
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

BY	DATE

PLOT DATE = 3/28/2007  
 FILE NAME = \\s01\663384\...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1

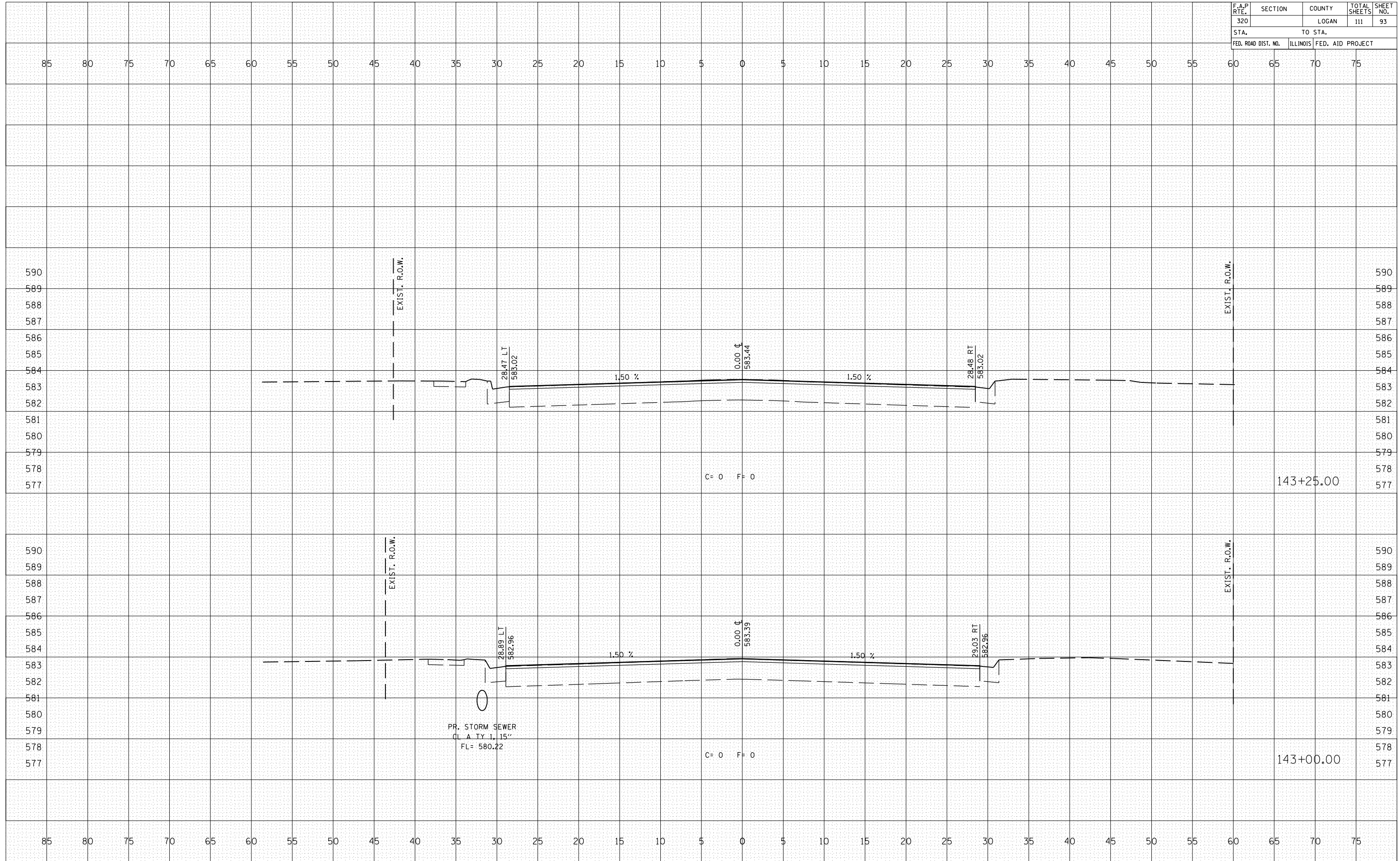


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	93
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 3/28/2007  
 FILE NAME = 1015582.dwg  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY \_\_\_\_\_ DATE \_\_\_\_\_

FINAL SURVEY	SURVEYED	PLOTTED	DATE
NO.			

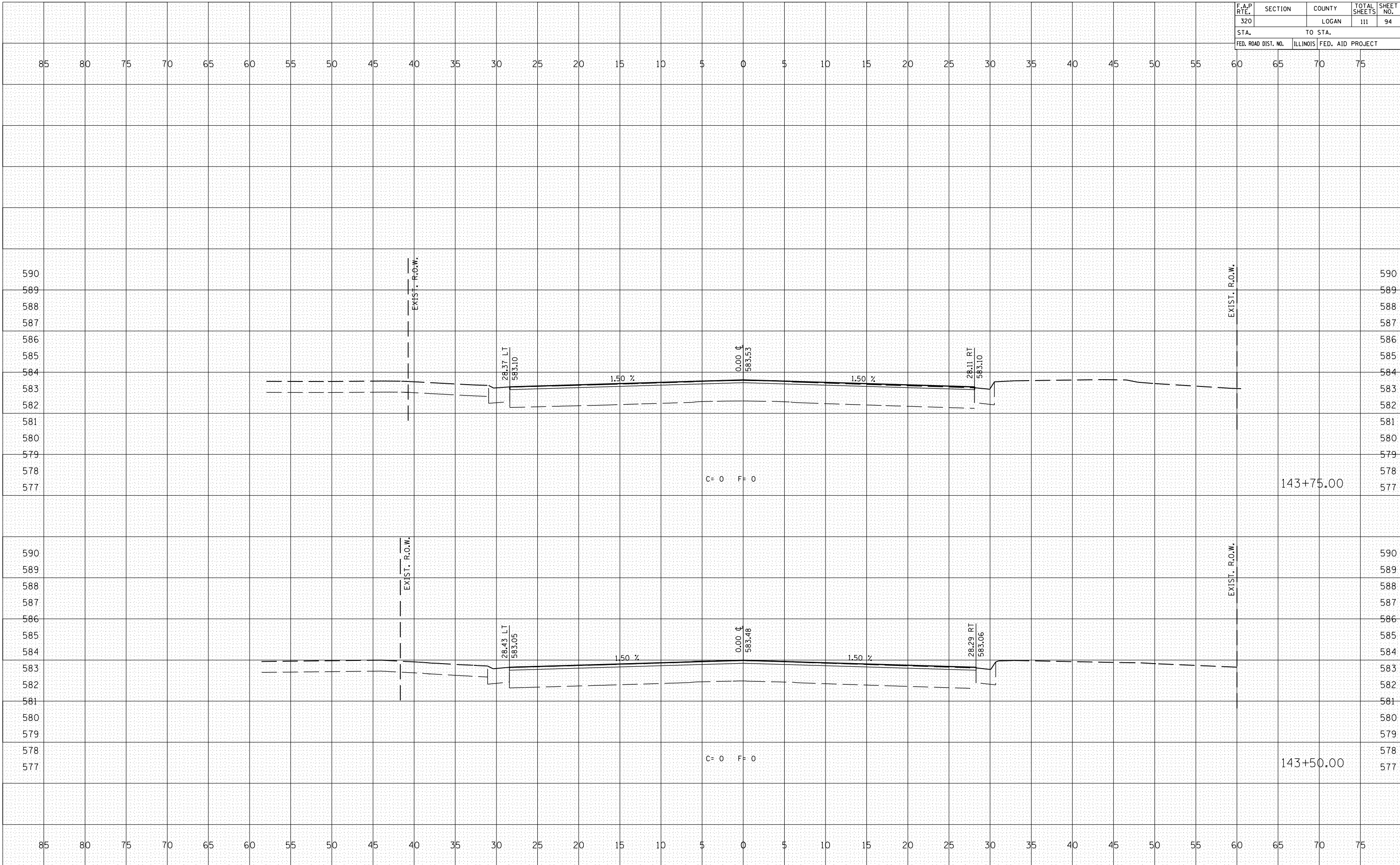
NOTE BOOK AREAS CHECKED

BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE
NO.			

NOTE BOOK AREAS CHECKED

PLOT DATE = 3/28/2007  
 FILE NAME = 103582.dwg  
 PLOT SCALE = 10.5882 / IN.  
 USER NAME = laughlin-l

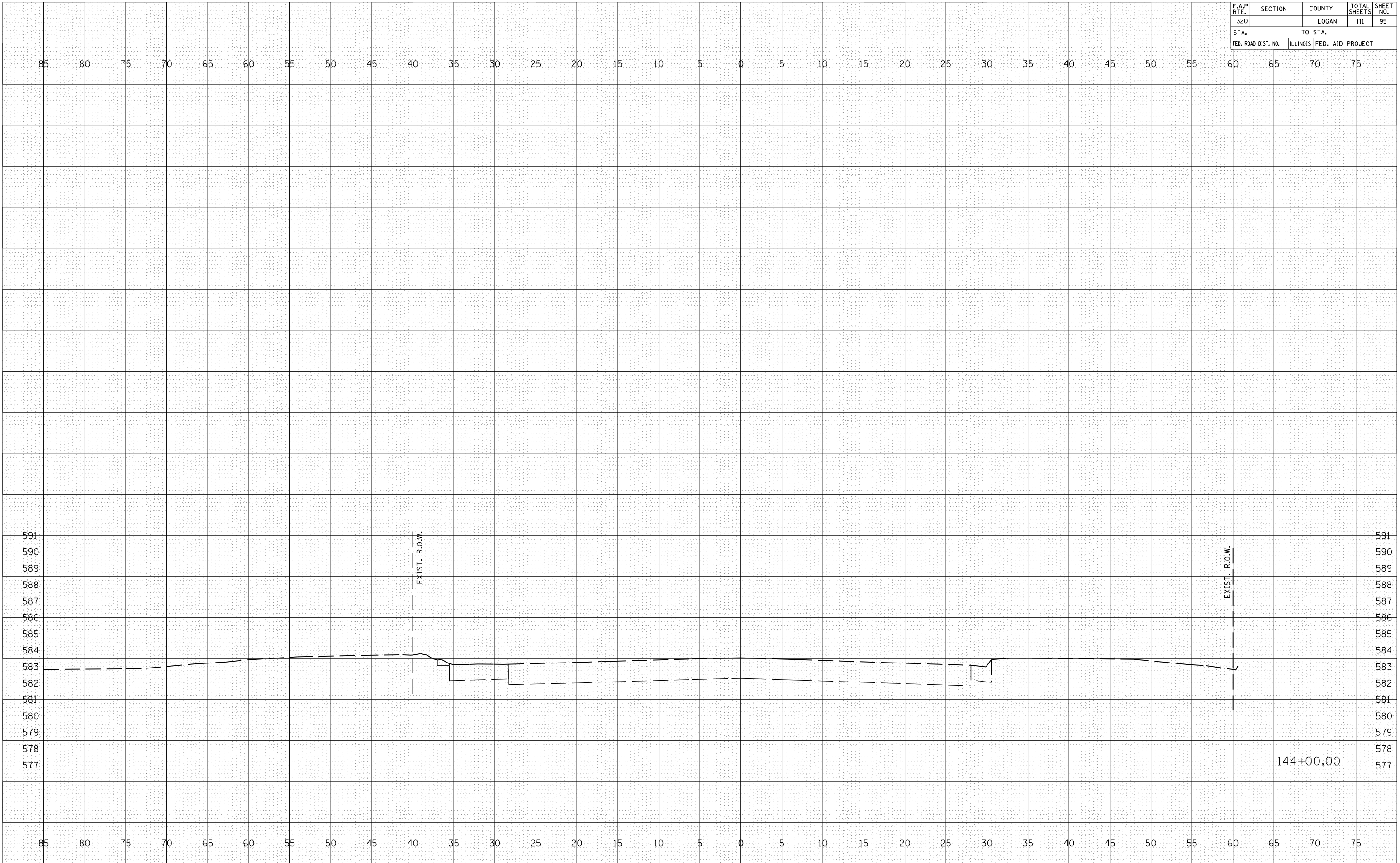


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320		LOGAN	111	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 3/28/2007  
 FILE NAME = \\s01\proj\72900\1015582\1015582.dwg  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1

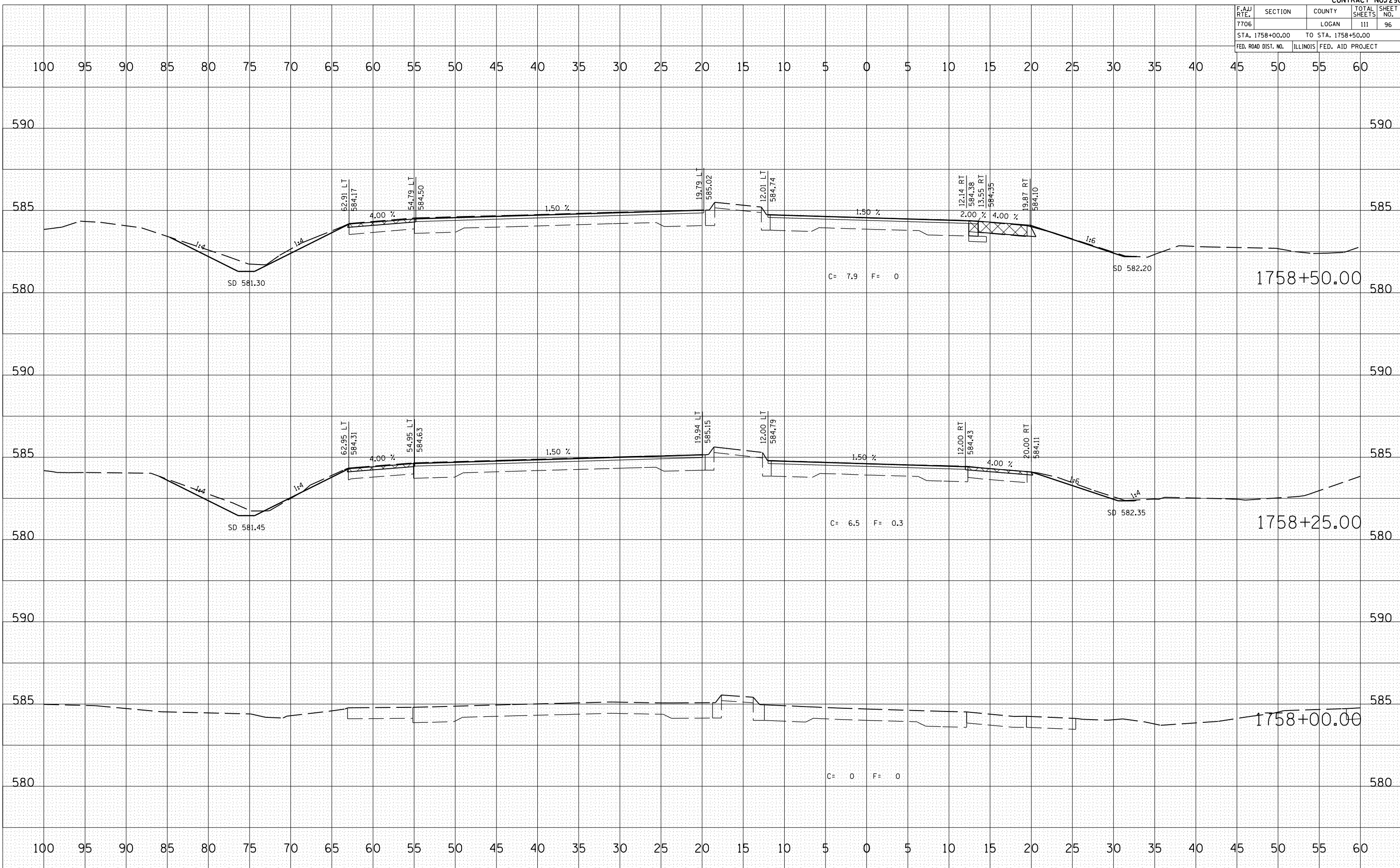


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	96
STA. 1758+00.00		TO STA. 1758+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

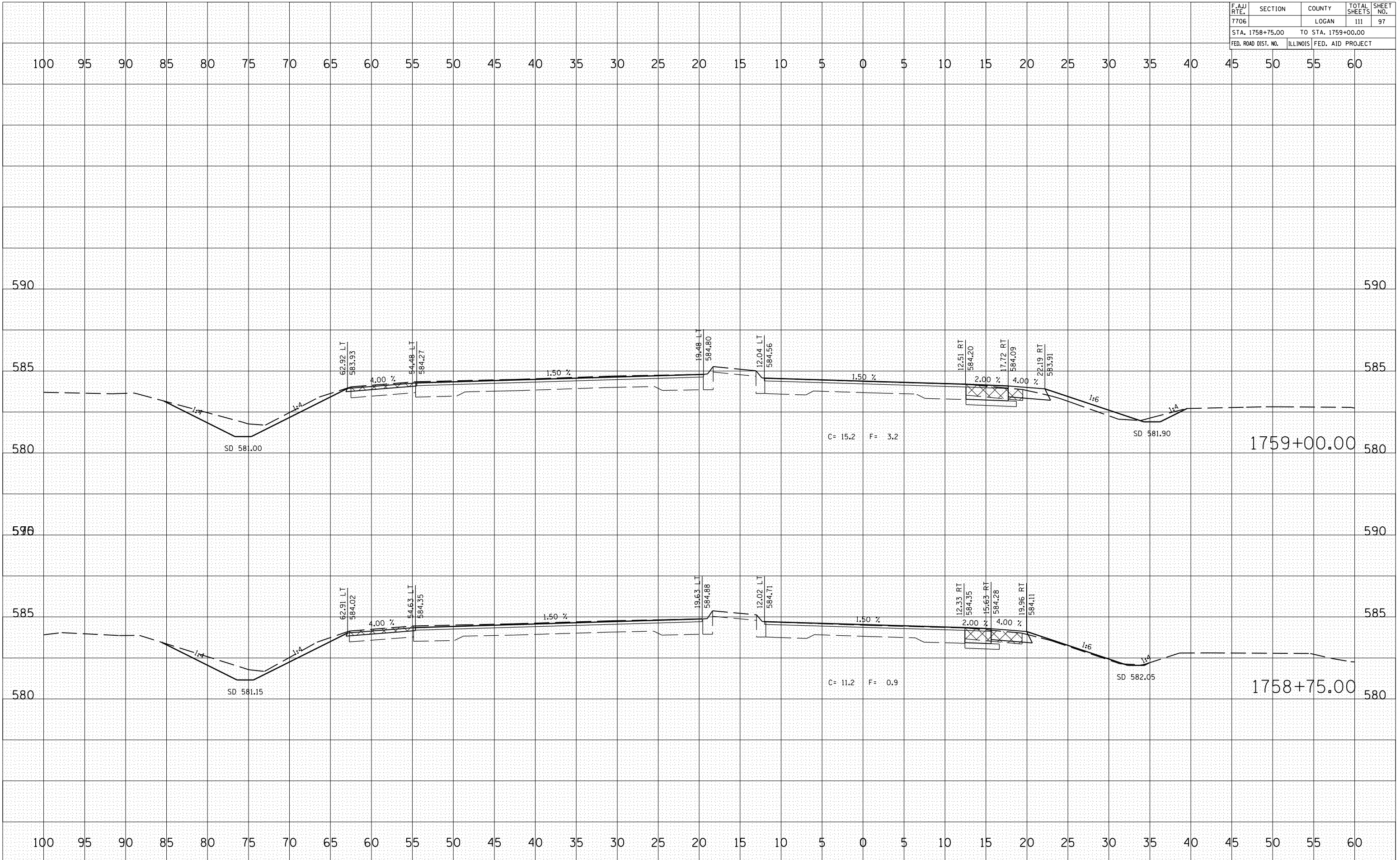
BY	DATE

PLOT DATE = 3/20/2007  
 FILE NAME = ...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	97
STA. 1758+75.00 TO STA. 1759+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

PLOT DATE = 3/28/2007  
FILE NAME = I:\653384\1008066\sheet97.dwg  
PLOT SCALE = 1/8" = 1'-0" / IN.  
USER NAME = laughlin-1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	98
STA. 1759+25.00		TO STA. 1759+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	DATE	BY	DESCRIPTION

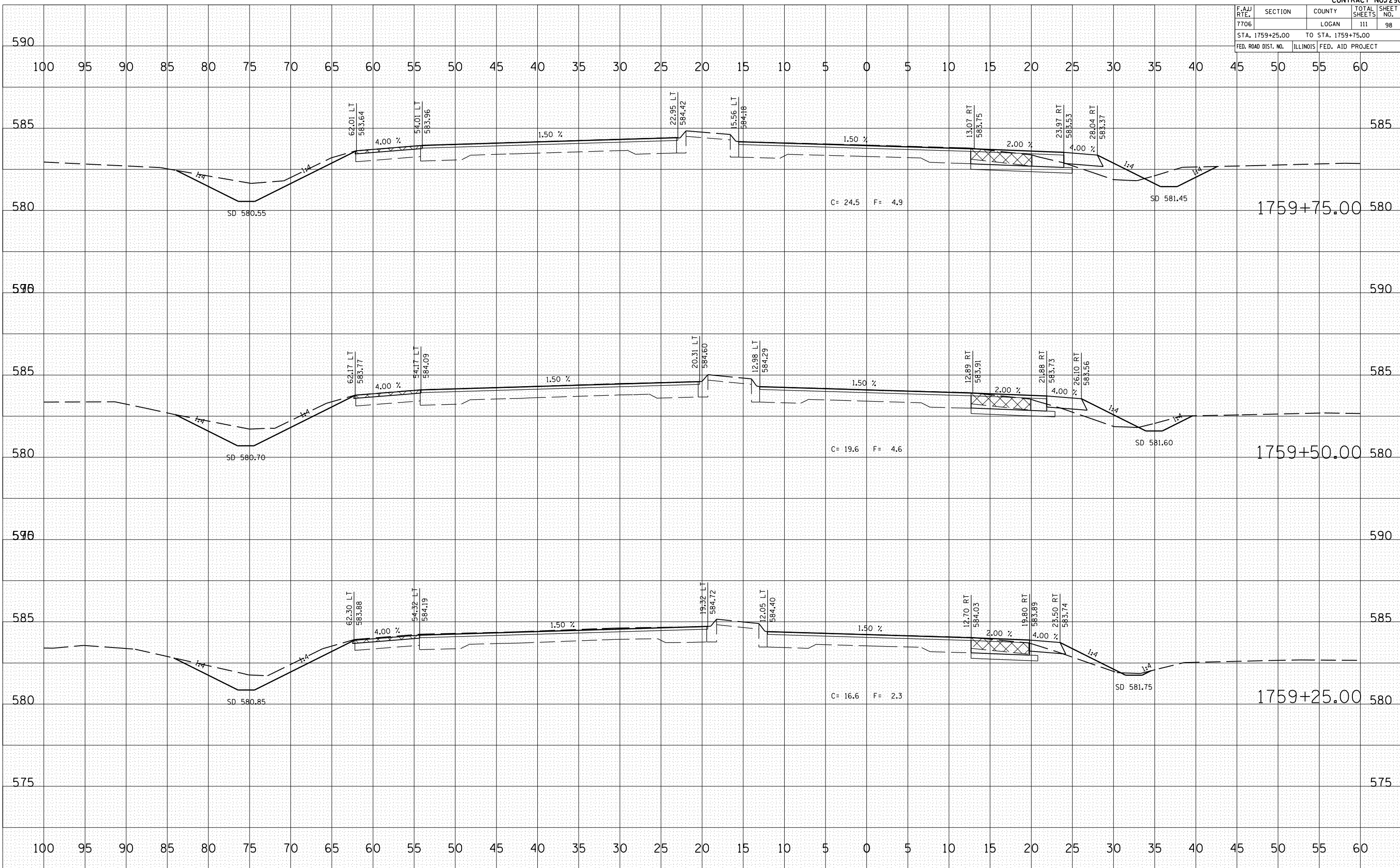
NO. \_\_\_\_\_ DATE: \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	DATE	BY	DESCRIPTION

NO. \_\_\_\_\_ DATE: \_\_\_\_\_

PLOT DATE = 3/20/2007  
 FILE NAME = W:\653384\653384.dwg  
 PLOT SCALE = 1/4" = 1'-0"  
 USER NAME = laughlin-l



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	99
STA. 1760+00.00		TO STA. 1760+50.00		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

BY	DATE

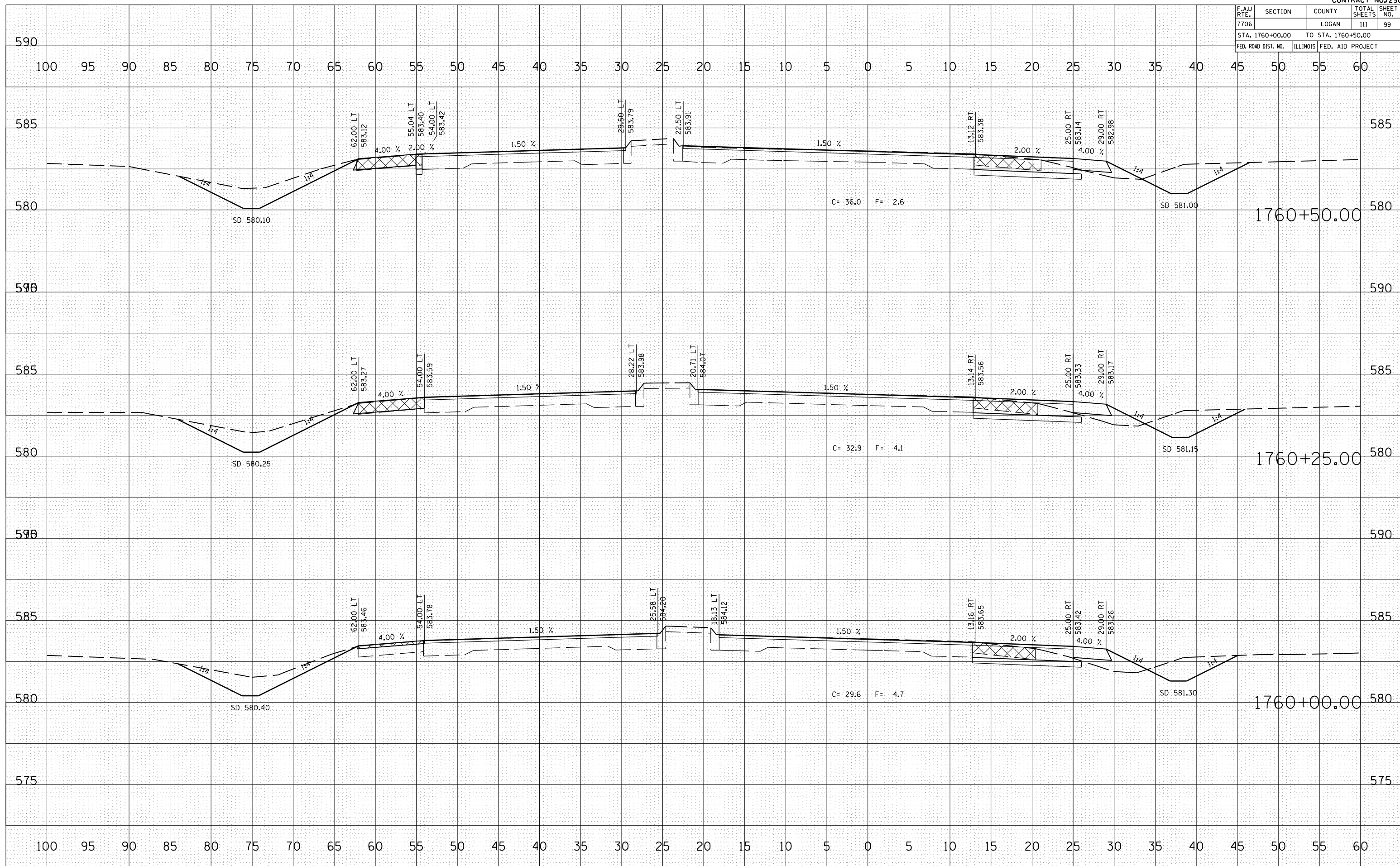
FINAL SURVEY	SURVEYED	DATE

BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE

PLOT DATE = 3/28/2007  
 FILE NAME = \\s4653384\ncadd\066sh\sh\1760+00.00.dwg  
 PLOT SCALE = 10.5882 / IN.  
 USER NAME = laughtn-l



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	100
STA. 1760+75.00		TO STA. 1761+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

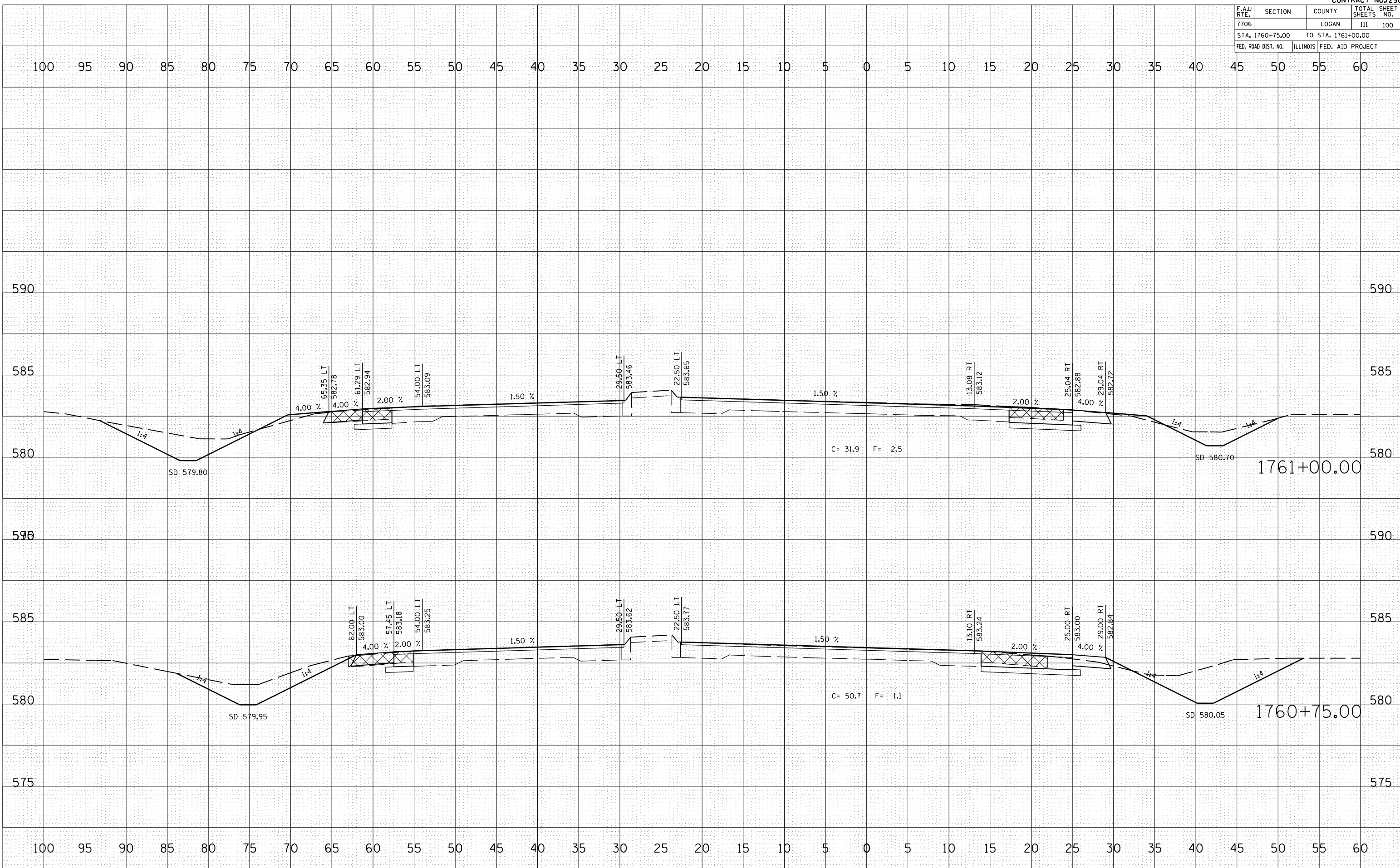
NO.	DATE	BY	DESCRIPTION

BY	DATE

NO.	DATE	BY	DESCRIPTION

PLOT DATE = 3/28/2007  
 FILE NAME = \\s063384\...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	101
STA. 1761+25.00		TO STA. 1761+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY \_\_\_\_\_ DATE \_\_\_\_\_

FINAL SURVEYED SURVEY PLOTTED PLOTTED DATE NO. \_\_\_\_\_

NO. \_\_\_\_\_

AREAS CHECKED \_\_\_\_\_

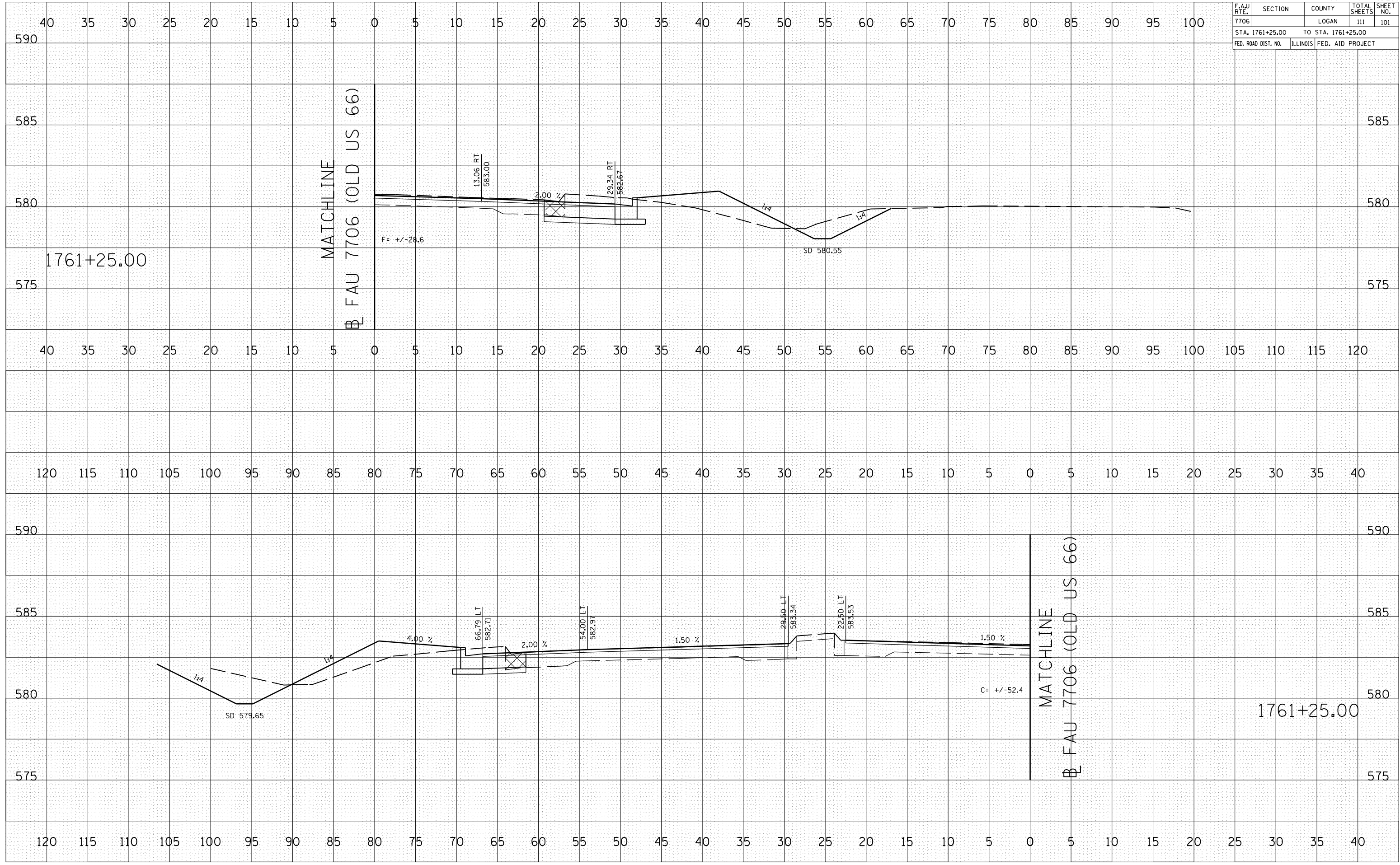
BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEYED SURVEY PLOTTED PLOTTED DATE NO. \_\_\_\_\_

NO. \_\_\_\_\_

AREAS CHECKED \_\_\_\_\_

PLOT DATE = 3/28/2007  
 FILE NAME = 1761+25.00.dwg  
 PLOT SCALE = 1" = 40'  
 USER NAME = laughlin

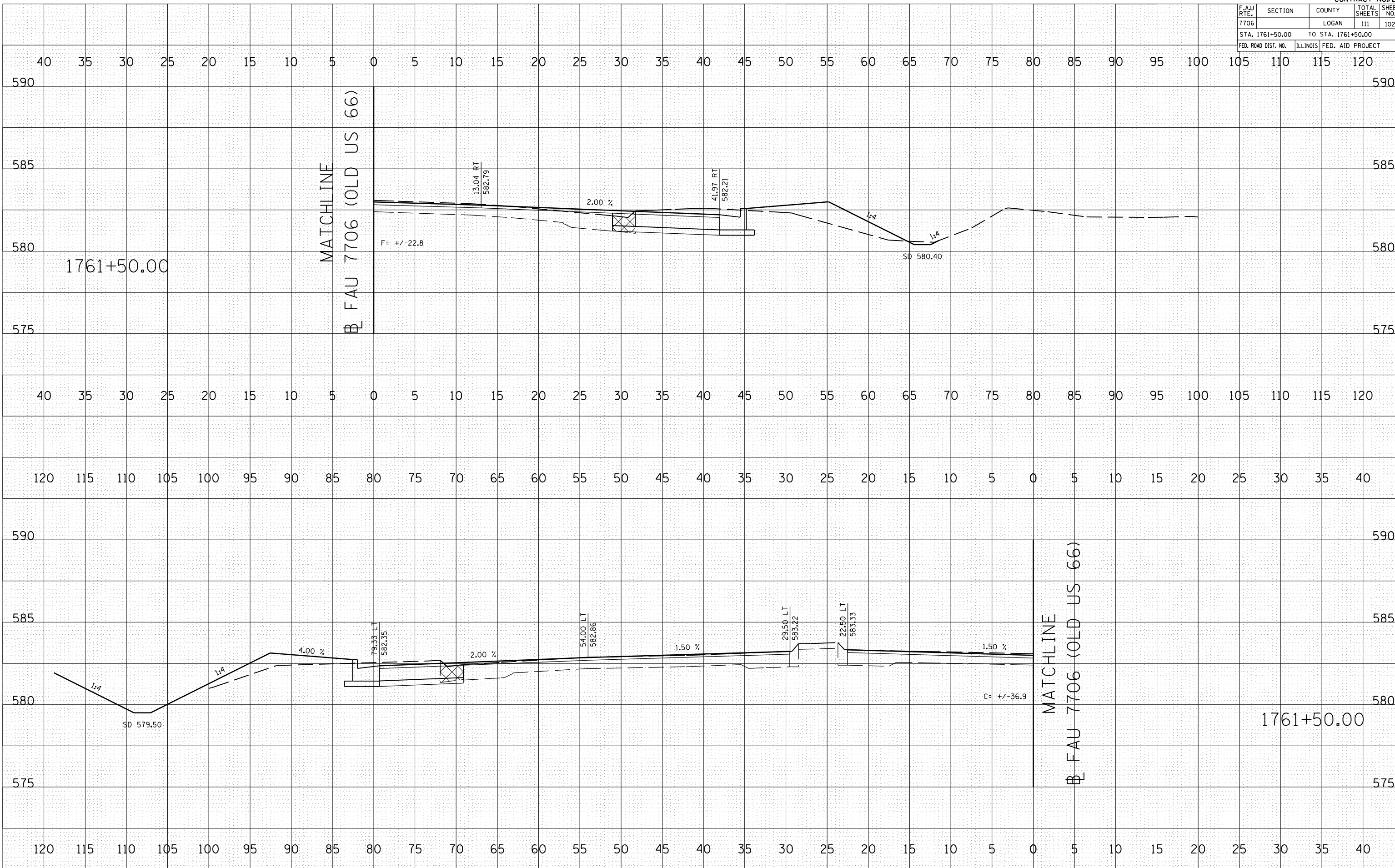


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	102
STA. 1761+50.00		TO STA. 1761+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 3/28/2007  
 FILE NAME = C:\p10\6653384\...  
 PLOT SCALE = 10.0000 IN.  
 USER NAME = laughlin-1



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	103
STA. 1+00.00		TO STA. 1+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

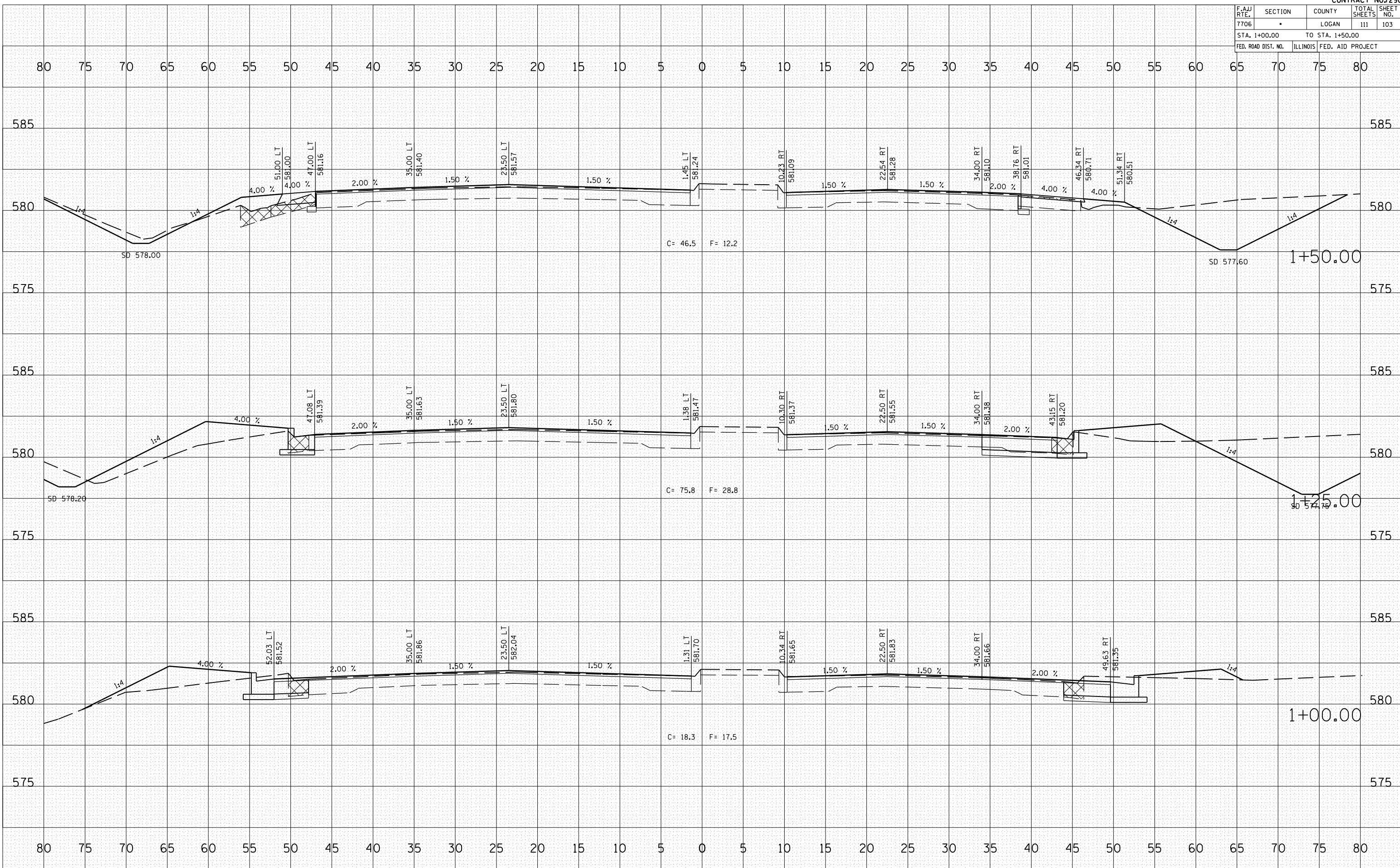
NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

PLOT DATE = 3/20/2007  
 FILE NAME = \\s4653384\...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1

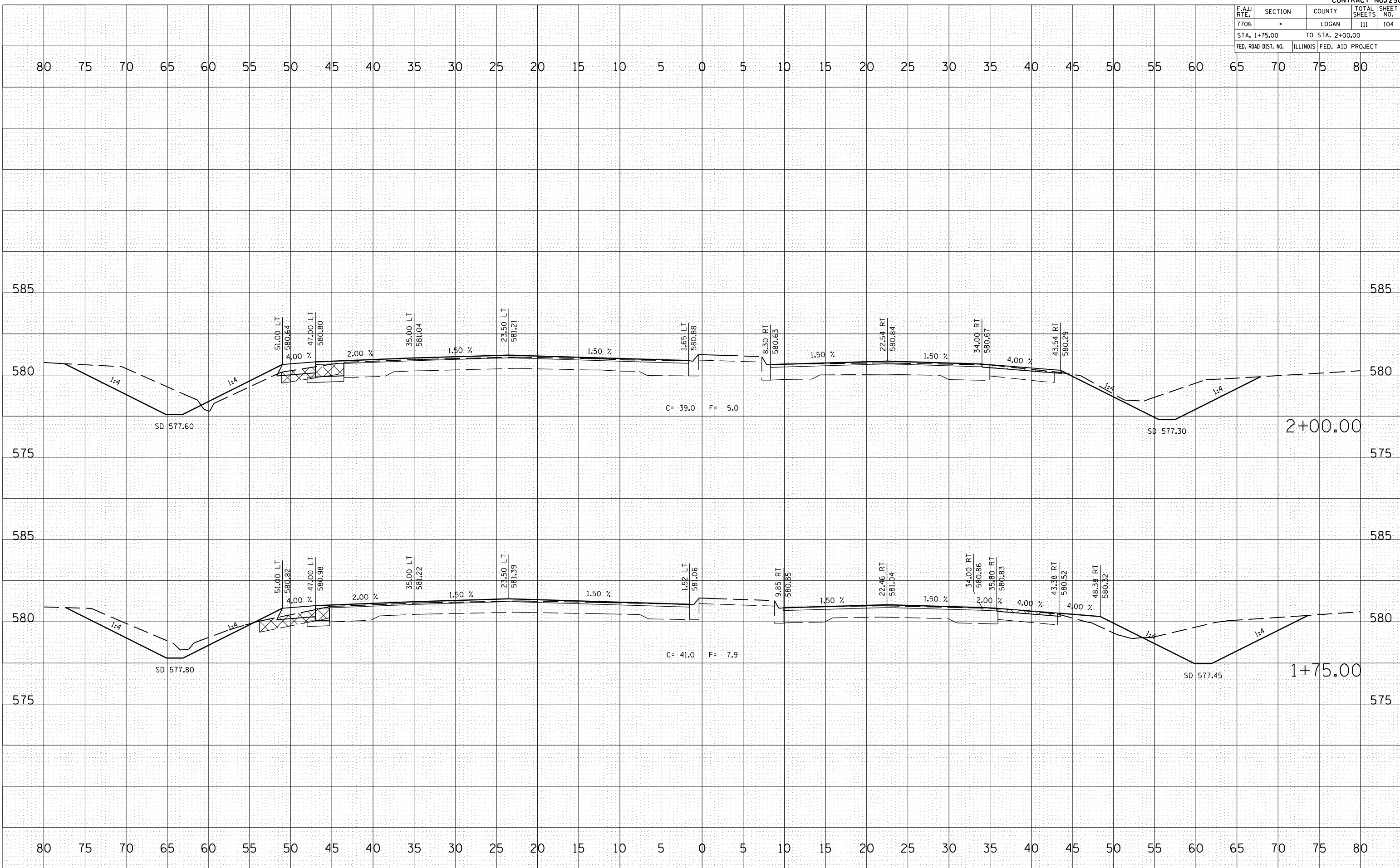


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	104
STA. 1+75.00		TO STA. 2+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 3/28/2007  
 FILE NAME = \\s0653384\...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	105
STA. 2+25.00		TO STA. 2+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

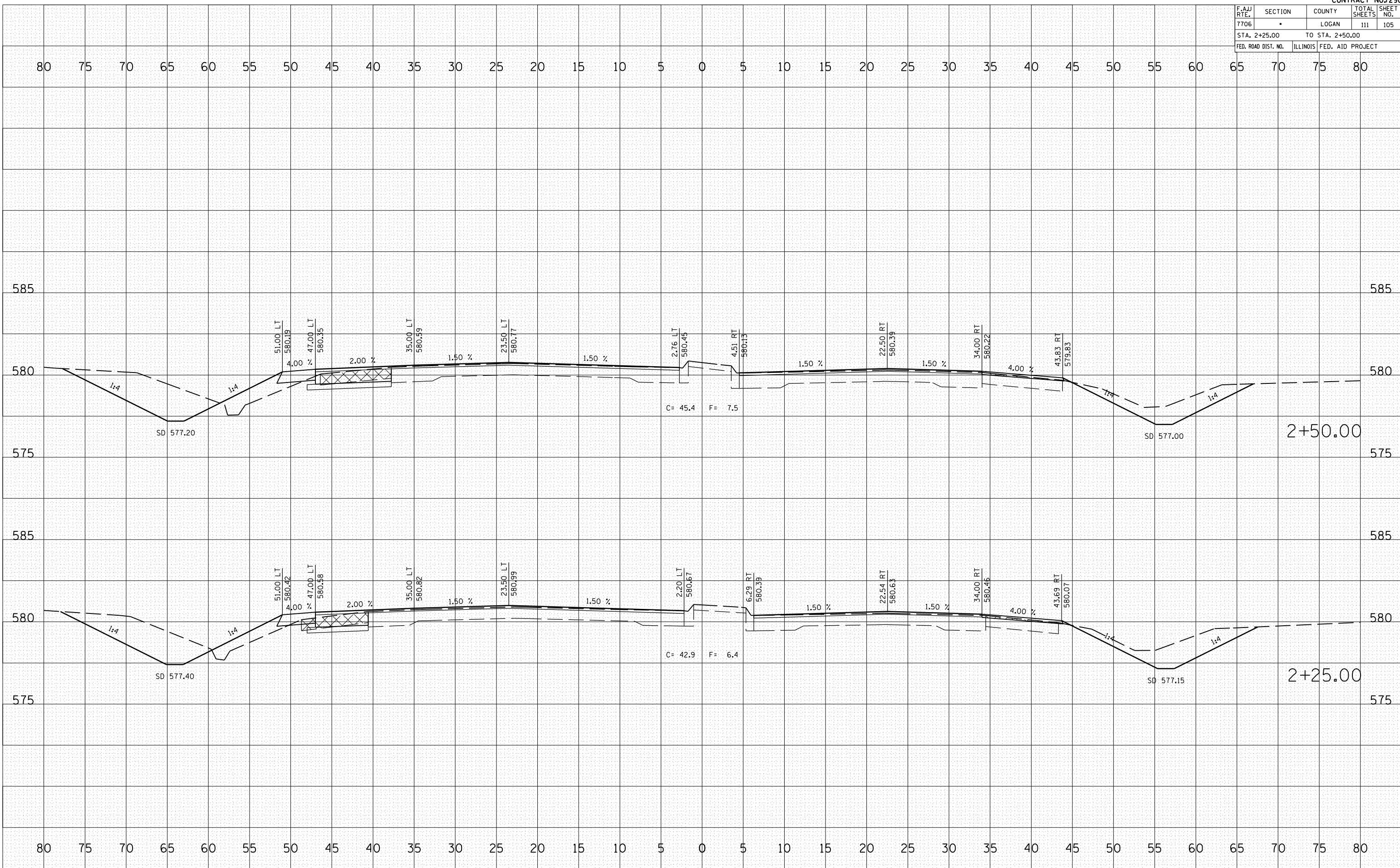
NO.	DATE	BY	DESCRIPTION

BY	DATE

NO.	DATE	BY	DESCRIPTION

PLOT DATE = 3/20/2007  
 FILE NAME = \\s01\proj\663384\1015582\1015582.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = laughlin-l



F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	106
STA. 2+75.00		TO STA. 3+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

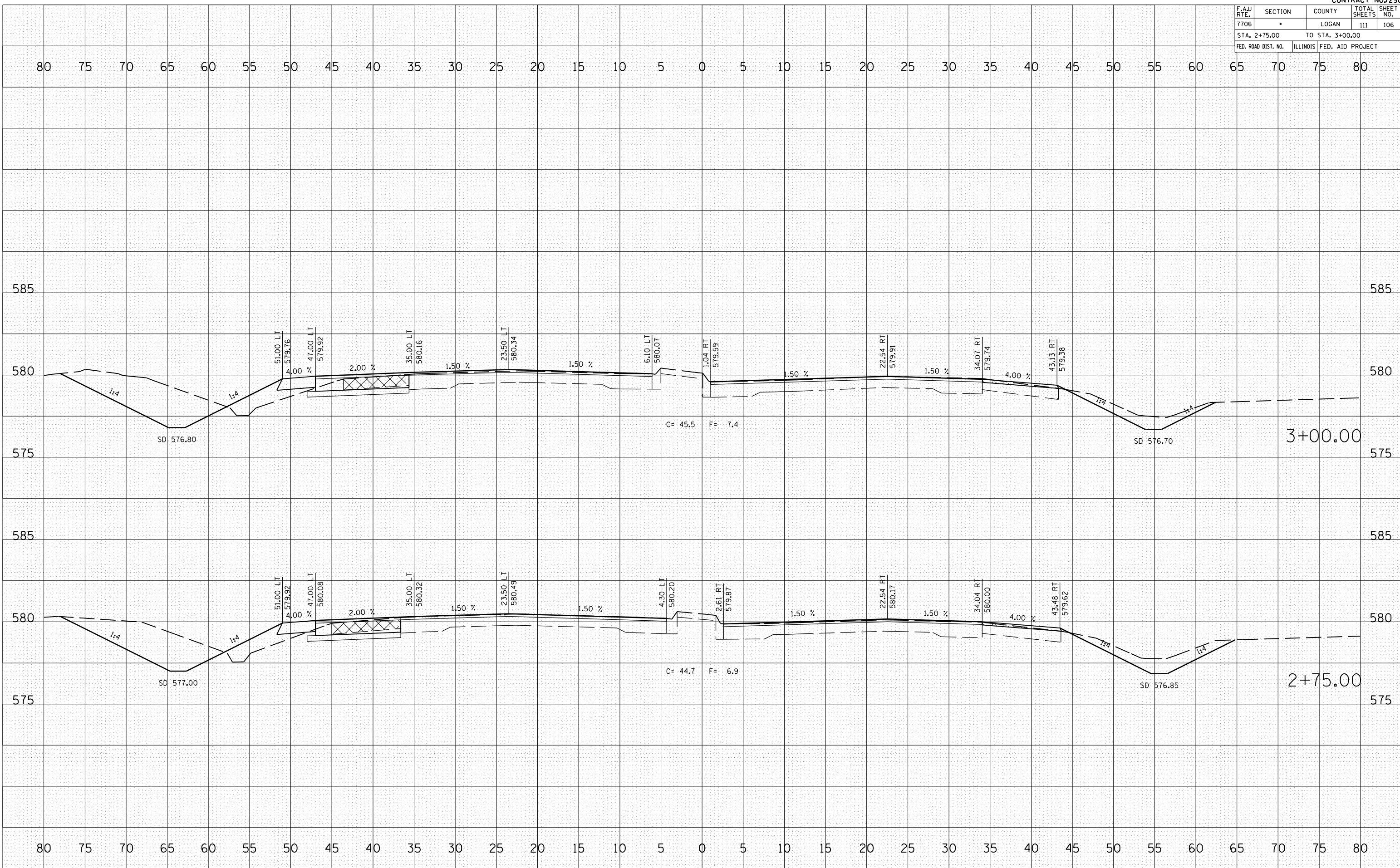
NO.	DATE	BY	DESCRIPTION

BY	DATE

NO.	DATE	BY	DESCRIPTION

PLOT DATE = 3/28/2007  
 FILE NAME = \\s063384\...  
 PLOT SCALE = 10.5682 / IN.  
 USER NAME = laughlin-1



F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706		LOGAN	111	107
STA. 3+25.00		TO STA. 3+75.00		585
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJ. NO.		

BY	DATE

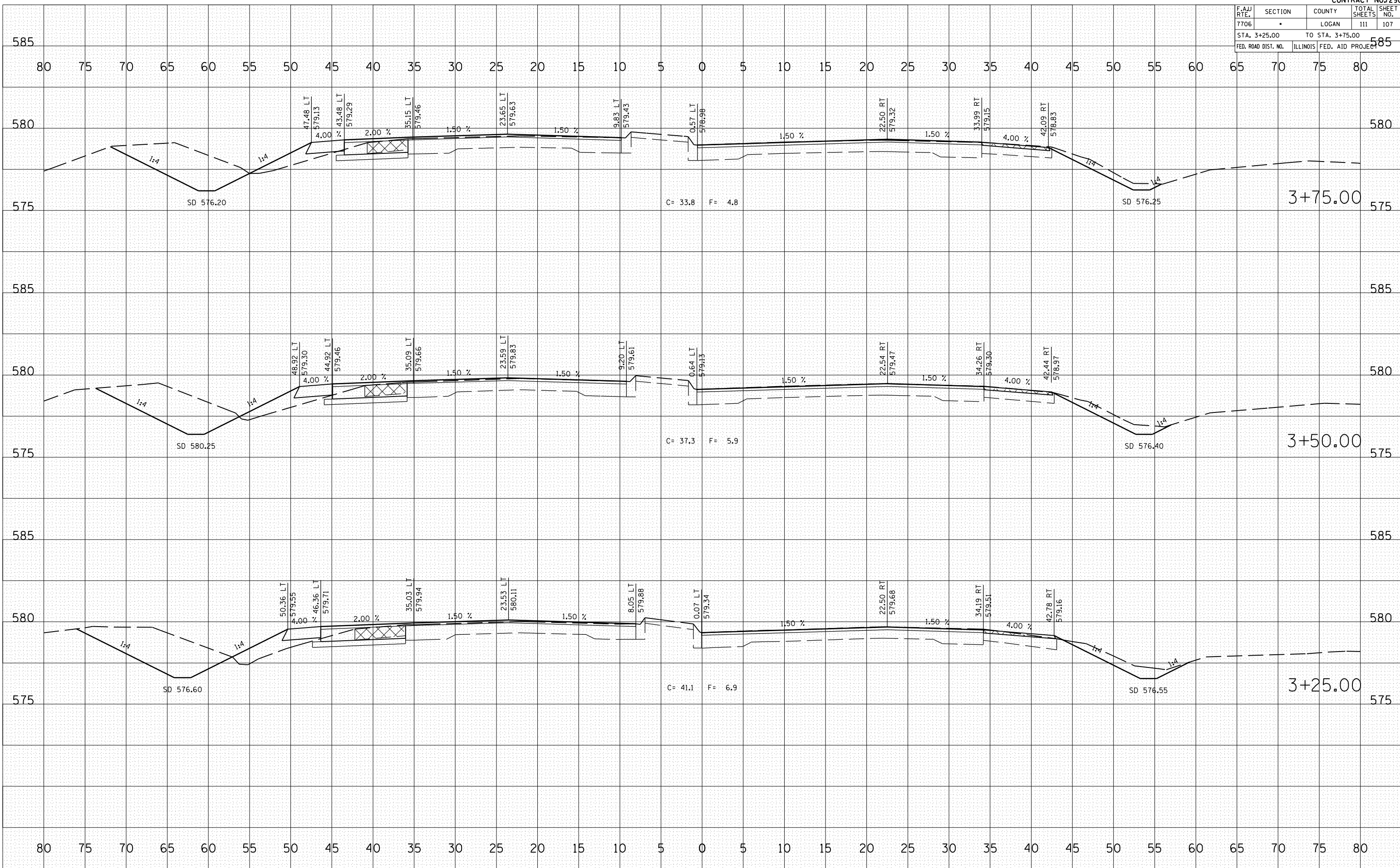
NO.	DATE	BY	DESCRIPTION

BY	DATE

NO.	DATE	BY	DESCRIPTION

PLOT DATE = 3/20/2007  
 FILE NAME = \\s01\proj\1015582\1015582.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = laughlin-1



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706	•	LOGAN	111	108
STA. 4+00.00		TO STA. 4+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

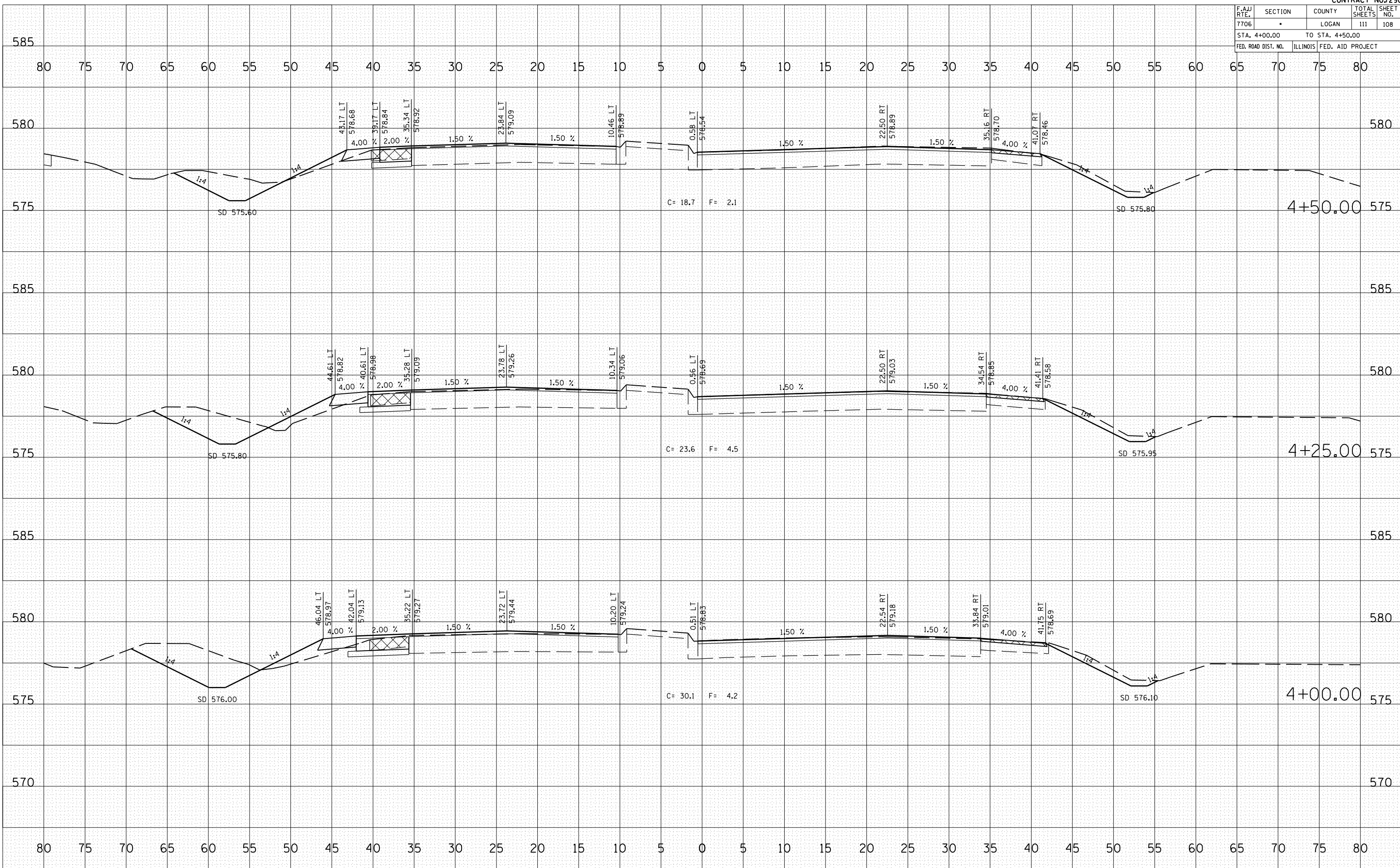
BY \_\_\_\_\_ DATE \_\_\_\_\_

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY \_\_\_\_\_ DATE \_\_\_\_\_

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

PLOT DATE = 3/20/2007  
 FILE NAME = \\s01\proj\105582\105582.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = laughlin-1





F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7706	•	LOGAN	111	110
STA. 5+50.00		TO STA. 6+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

ORIGINAL SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 FILE NAME = 10.15682 / IN.  
 PLOT SCALE = 1" = 40'  
 USER NAME = laughlinr-l

