

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	1

CONTRACT # 92677

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 322 (US 51)
SECTION 11-10
PROJECT: NHF-0322(074)
FOUR LANE EXPRESSWAY - PARTIAL ACCESS CONTROL
CHRISTIAN COUNTY
C-96-516-04

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION:

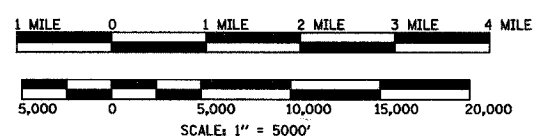
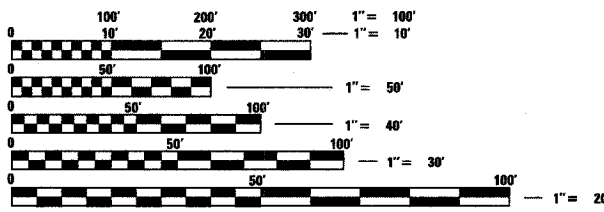
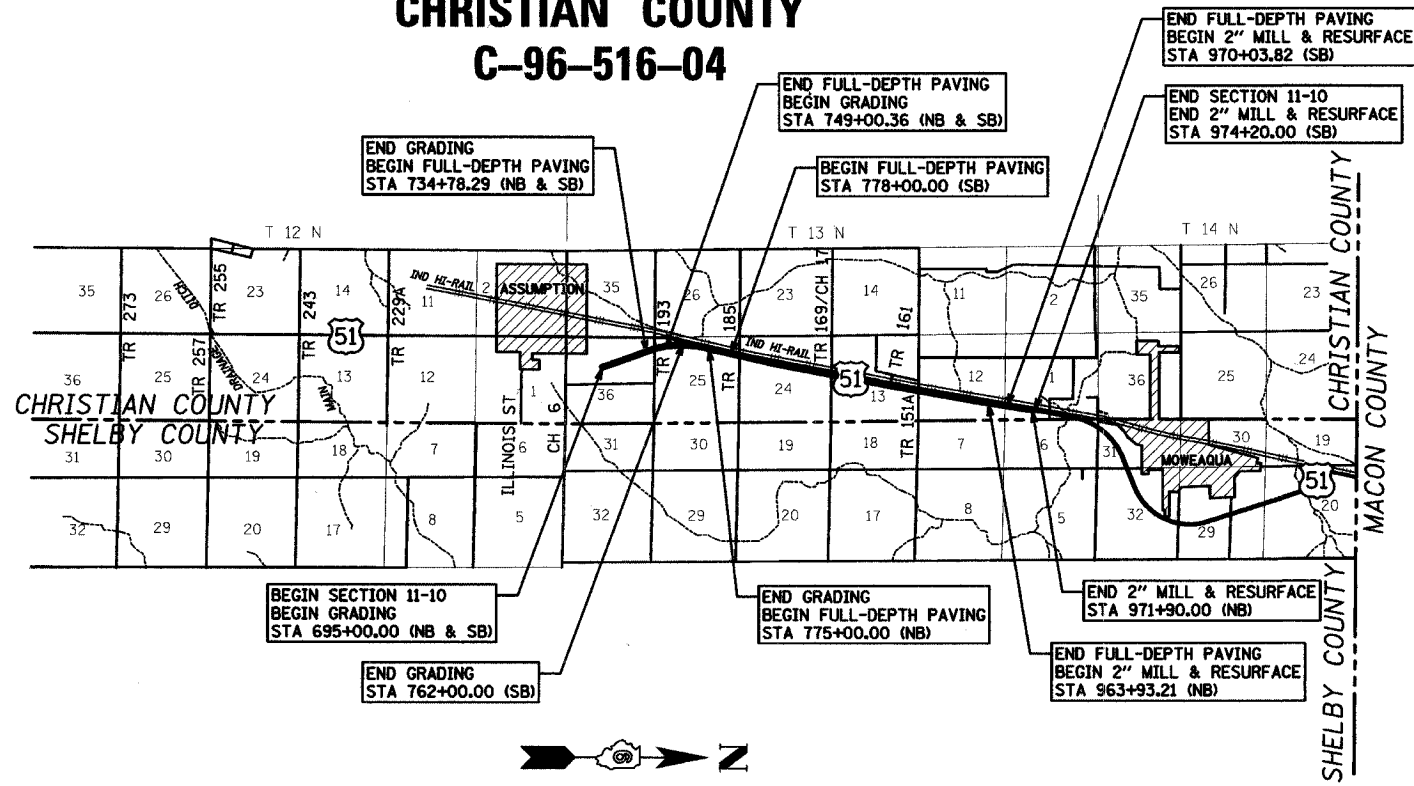
FAP 322 (ARTERIAL)
ADT = 4,650 (2003)
% SU = 3
% MU = 10

TR 193 (COLLECTOR)
ADT = 125 (2003)

TR 185 (COLLECTOR)
ADT = 50(2003)

TR 169/CH 17 (COLLECTOR)
ADT = 125(2003)

TR 151A (COLLECTOR)
ADT = 250(2003)



LOCATION MAP
GROSS LENGTH OF SECTION 11-10 = 27,690 ft = 5.24 miles
NET LENGTH OF SECTION 11-10 = 27,690 ft = 5.24 miles

D-96-533-01



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 2005
Deputy Director of Highways, Region Engineer

May 13, 2005
Engineer of Design and Environment

May 13, 2005
Director of Highways, Chief Engineer

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. 92677

PLANS PREPARED BY:
KLINGNER & ASSOCIATES, P.C.
Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842738

STEVE E. BANGE
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-053338
LICENSE EXPIRES NOVEMBER 30, 2005

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: SAL MADONIA (217) 782-4161
SQUAD LEADER: KIM ZIMMO (217) 782-8728
pt:\01\1es\010329\Ncr-thr\Plans\001\cover.dgn

GENERAL NOTES

- ELEVATIONS ARE BASED ON N.G.S. VERTICAL DATUM OF 1929.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ALL UNSURFACED AREAS WITHIN THE R.O.W. AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
- IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.

J.U.L.I.E. TELEPHONE NUMBER
1-800-892-0123

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

MEDIA COMM. 4290 BLUESTEM ROAD P.O. BOX 288 CHARLESTON, IL 61920 MR. JOHN WILSON 217-348-5533 CABLE	VERIZON NORTH, INC. 330 WEST BEECHER ST. JACKSONVILLE, IL 62650 MR. CHARLES JENKINS 217-243-0211 TELEPHONE	AMEREN IP 2460 N. JASPER ST. DECATUR, IL 62526 MR. JEFFREY JONES 217-424-6724 GAS
SHELBY ELECTRIC COOP. P.O. BOX 560 SHELBYVILLE, IL 62565 MR. JIM MATLOCK 217-774-3986 ELECTRIC	AMEREN CIPS 700 JERSEY STREET P.O. BOX 1089 QUINCY, IL 62301 MR. ROGER DONALDSON 217-221-0805 ELECTRIC	IL CONSOLIDATED COMMUNICATIONS 1000 SPRESSER STREET TAYLORVILLE, IL 62568-8338 MR. JOHN ROSA
CEBRIDGE CONNECTIONS FIBER OPTIC	CITY OF ASSUMPTION 504 COLEGROVE STREET ASSUMPTION, IL 62510 217-226-3719 WATER & SEWER	

- THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- MAINTAIN EXISTING TRAFFIC CONTROL AT ALL INTERSECTIONS DURING CONSTRUCTION.
- TOPSOIL SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE TYPICAL SECTIONS, AS DESCRIBED IN THE EARTHWORK SCHEDULE, AND AT ANY ADDITIONAL LOCATIONS SPECIFIED BY THE ENGINEER. TOPSOIL SHALL BE OBTAINED FROM THE DESIGNATED AREAS AS SHOWN IN THE PLANS, EXCAVATED TOPSOIL SHALL BE STORED NEAR PLACEMENT AREAS AT LOCATIONS DESIGNATED BY THE ENGINEER.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- FERTILIZER NUTRIENTS SHALL BE APPLIED TO BOTH THE SEEDED AREAS AND THE AREAS COVERED WITH EROSION CONTROL BLANKET.
- DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
- PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACE OF NEW CONCRETE ACCORDING TO SECTION 503 OF THE STANDARD SPECIFICATIONS.

- ALL TREES, BRUSH AND SHRUBS WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TREES ALONG THE EDGE OF RIGHT OF WAY, OUTSIDE THE CONSTRUCTION LIMITS SHALL BE SAVED IF, IN THE OPINION OF THE ENGINEER, THEY DO NOT INTERFERE WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- ALL EXISTING FENCE WITHIN THE PROPOSED RIGHT OF WAY SHALL BE REMOVED. THE COST OF THE FENCE REMOVAL WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO RESURFACING.
- ALL PIPE TEES WHICH ARE TO BE PLUGGED, SHALL RECEIVE A 6" THICK PLUG OF CAST IN PLACE CONCRETE OR A PRECAST CONCRETE PLUG (DETAILED IN THE PLANS) AS DIRECTED BY THE ENGINEER TO SATISFACTORILY SEAL THE END OF THE PIPE TEE. ALL COSTS ARE TO INCLUDED IN BID PRICE OF THE PIPE TEE.
- A SUBSURFACE INVESTIGATION HAS BEEN PERFORMED FOR THIS PROJECT. GEOTECHNICAL DATA INCLUDING BORING LOGS AND LABATORY TEST RESULTS ARE AVAILABLE FOR CONTRACTOR REVIEW PRIOR TO BIDDING. THE DATA CAN BE REVIEWED AT THE DISTRICT SIX ANNEX LOCATED AT 2713 STEVENSON DRIVE, SPRINGFIELD, IL. CONTACT THE DISTRICT GEOTECHNICAL ENGINEER AT 217-782-6709.
- UNLESS OTHERWISE NOTED, THE OFFSETS SHOWN IN THE PLANS FOR THE END OF PIPE CULVERTS ARE TO THE END OF THE LAST SECTION OF PIPE NOT TO THE END OF THE END SECTION.
- PREPARATION OF THE AGGREGATE BASE FOR A-3 BITUMINOUS SURFACE TREATMENT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE BITUMINOUS SURFACE TREATMENT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- PERMANENT RIGHT OF WAY MARKERS SHALL BE INSTALLED PRIOR TO THE BEGINNING OF EARTHWORK CONSTRUCTION.
- WATER FOR LIME MODIFIED SOILS SHALL NOT BE MEASURED AND PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF PROCESSING THE MODIFIED SOIL.
- THE REMOVAL OF OIL AND CHIP PAVEMENT SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

RATES OF APPLICATION TABLE

AGGREGATE SUBGRADE, ROCKFILL	1.89 TON / CU YD
AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
SUBBASE GRANULAR MATERIAL, TYPE C	1.80 TON / CU YD
STONE DUMPED RIPRAP	1.75 TON / CU YD
BITUMINOUS SURFACE TREATMENTS:	
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON / SQ YD
BITUMINOUS MATERIALS (COVER AND SEAL COAT)	0.001425 TON / SQ YD
COVER SEAL AGGREGATE	0.01 TON / SQ YD
SEAL COAT AGGREGATE	0.01 TON / SQ YD
BITUMINOUS CONCRETE:	
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON / SQ YD (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON / SQ YD (on aggregate)
AGGREGATE PRIME COAT	0.002 TON / SQ YD
BITUMINOUS SURFACE / BINDER (112 lbs)	0.056 TON / SQ YD • IN
BITUMINOUS SURFACE MIX D or E (120 lbs)	0.060 TON / SQ YD • IN
SEEDING AREAS:	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
MULCH	2 TON / ACRE
LIME FOR MODIFIED SOILS, 12"	
WATER FOR MODIFIED SOILS, 12"	0.02 TON / SQ YD
	0.008 UNITS / SQ YD (1 UNIT = 1000 GAL)

COMMITMENTS

THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS.

SEEDING SHALL BE COMPLETED AS DESIGNATED IN THE STORM WATER POLLUTION PREVENTION PLAN. ALL AREAS OF POTENTIAL FOR EROSION SHALL BE SEEDED BY OCTOBER 1, OF EACH YEAR AND SHALL NOT BE REOPENED UNTIL AFTER THE WINTER SHUT DOWN PERIOD (SEE SWPPP).

DUST CONTROL WILL BE HANDLED PROPERLY BY IDOT'S CONTRACTOR. WATER TRUCKS SHALL BE PROVIDED TO KEEP DUST FROM THE PREGRADE FROM BLOWING NEAR HOMES & INTERFERING WITH TRAFFIC VISIBILITY.

STORM WATER POLLUTION PREVENTION PLAN REQUIRED FOR NPDES PERMIT BY IEPA.

MIXTURE REQUIREMENTS

MIXTURE NUMBER:	NO. 1**	NO. 2	NO. 3
LOCATION(S):	US 51	US 51	US 51
MIXTURE USE(S):	BIT. BASE BINDER LAYER FD PAVEMENT	INTMEDIATE BINDER LAYER FD PAVEMENT	STAGE 1 LANE 1ST UPPER LIFT BINDER FD PAVEMENT
AC/PG:	PG 64-22	PG 64-22	SBS-PG 64-28
RAP % (MAX)	0%	20%	0%
DESIGN AIR VOIDS:	2.5% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0	IL-19.0	IL-19.0
FRICTION AGGREGATE	N/A	N/A	N/A

MIXTURE NUMBER:	NO. 4	NO. 5	NO. 6
LOCATION(S):	US 51	US 51	US 51
MIXTURE USE(S):	STAGE 1 LANE TOP UPPER LIFT BINDER FD PAVEMENT	STAGE 2 LANE BINDER FD PAVEMENT	STAGE 2 NB & SB LANES SURFACE COURSE FD PAVEMENT
AC/PG:	SBS-PG 64-28	SBS-PG 64-28	SBS-PG 70-28
RAP % (MAX)	0%	0%	0%
DESIGN AIR VOIDS:	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-19.0	IL-9.5 OR IL-12.5
FRICTION AGGREGATE	MIX "C"	N/A	MIX "D"

MIXTURE NUMBER:	NO. 7	NO. 8	NO. 9
LOCATION(S):	US 51 - MILL & RESURF	US 51 & SIDEROADS	SB TRANS & XO "A"
MIXTURE USE(S):	BIT. CONC. SURFACE COURSE	BIT. SHOULDERS	BIT. CONCRETE BINDER COURSE
AC/PG:	SBS-PG 70-28	PG 58-22	PG 64-22
RAP % (MAX)	0%	15%	15%
DESIGN AIR VOIDS:	4.0% @ Ndesign = 70	2.0% @ Ndesign = 30	4.0% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	BAM	IL-19.0
FRICTION AGGREGATE	MIX "D"	N/A	N/A

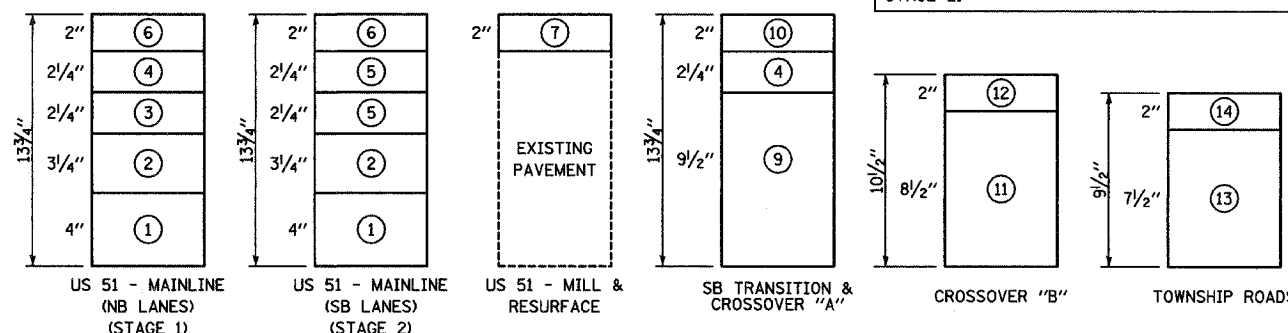
MIXTURE NUMBER:	NO. 10	NO. 11	NO. 12
LOCATION(S):	SB TRANS & XO "A"	CROSSOVER "B"	CROSSOVER "B"
MIXTURE USE(S):	BIT. CONC. SURFACE COURSE	BIT. CONCRETE BINDER COURSE	BIT. CONC. SURFACE COURSE
AC/PG:	SBS-PG 70-28	PG 64-22	PG 64-22
RAP % (MAX)	0%	15%	15%
DESIGN AIR VOIDS:	4.0% @ Ndesign = 70	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-19.0	IL-9.5 OR IL-12.5
FRICTION AGGREGATE	MIX "D"	N/A	MIX "D"

MIXTURE NUMBER:	NO. 13	NO. 14	NO. 15	NO. 16
LOCATION(S):	TOWNSHIP ROADS	TOWNSHIP ROADS	US 51	US 51
MIXTURE USE(S):	ALL BINDER LIFTS	BIT. CONC. SURFACE COURSE	BITUMINOUS BASE COURSE / WIDENING	INCIDENTAL BITUMINOUS SURFACING
AC/PG:	PG 64-22	PG 64-22	PG 58-22	PG 64-22
RAP % (MAX)	20%	15%	15%	15%
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	2.0% @ Ndesign = 50	4.0% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0	IL-9.5 OR IL-12.5	IL 19.0	IL-9.5 OR IL-12.5
FRICTION AGGREGATE	N/A	MIX "D"	N/A	MIX "C"

** - DESIGN THIS MIXTURE AT 4% AIR VOIDS. ADDITIONAL AC SHALL BE ADDED TO REDUCE AIR VOIDS TO 2.5%.

NOTE:
SURFACE COURSE FOR US 51- MAINLINE RT &
CROSSOVER "A" TO BE CONSTRUCTED DURING
STAGE 2.

PAVING LIFT DIAGRAMS



⊙ DESIGNATES MIXTURE NUMBER IN TABLE ON THIS SHEET

INDIVIDUAL LIFT THICKNESS LESS THAN AS SHOWN WILL NOT BE PERMITTED.

REVISIONS	
NAME	DATE
NOTE 23 - SEB	4/4/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

SCALE: NONE DRAWN BY SEB
DATE 3/21/05 CHECKED BY EBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL		% STATE	
					1000-2A ROADWAY	Y030-1E LIGHTING	CONSTRUCTION	SAFETY TYPE CODE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)		UNIT	12	12			
20200100	EARTH EXCAVATION		CU YD	170715	170715			
20200500	EARTH EXCAVATION (WIDENING)	*	CU YD	130	130			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	*	CU YD	150	150			
20400800	FURNISHED EXCAVATION		CU YD	202010	202010			
20800150	TRENCH BACKFILL		CU YD	1054	1054			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION		SQ YD	2200	2200			
21101505	TOPSOIL EXCAVATION AND PLACEMENT		CU YD	37780	37780			
25000210	SEEDING, CLASS 2A		ACRE	71.25	71.25			
25000400	NITROGEN FERTILIZER NUTRIENT		POUND	6399	6399			
25000500	PHOSPHORUS FERTILIZER NUTRIENT		POUND	6399	6399			
25000600	POTASSIUM FERTILIZER NUTRIENT		POUND	6399	6399			
25000700	AGRICULTURAL GROUND LIMESTONE		TON	142	142			
25000750	MOWING		ACRE	25	25			
25003210	INTERSEEDING, CLASS 2A		ACRE	25	25			
25100115	MULCH, METHOD 2		ACRE	111.25	111.25			
25100630	EROSION CONTROL BLANKET		SQ YD	13424	13424			
28000200	EARTH EXCAVATION FOR EROSION CONTROL		CU YD	500	500			
28000250	TEMPORARY EROSION CONTROL SEEDING		POUND	11500	11500			
28000300	TEMPORARY DITCH CHECKS		EACH	130	130			
28000400	PERIMETER EROSION BARRIER		FOOT	1500	1500			
28000500	INLET AND PIPE PROTECTION		EACH	58	58			
28000600	SEEDING, CLASS 7		ACRE	40	40			
28001000	AGGREGATE (EROSION CONTROL)		TON	500	500			
28100807	STONE DUMPED RIPRAP, CLASS A4		TON	318	318			
28100825	STONE DUMPED RIPRAP, CLASS B3		TON	1374	1374			

© NON-PARTICIPATING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 1 OF 9
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 3/21/05

DRAWN BY: SEB
 CHECKED BY: EBB

3/21/2005
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE CONSTRUCTION AND SAFETY TYPE CODE									
					I000-2A ROADWAY	Y030-1E LIGHTING								
28200200	FILTER FABRIC		SQ YD	409	409									
30200650	PROCESSING MODIFIED SOILS 12"		SQ YD	207247	207247									
30201500	LIME		TON	4146	4146									
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A		TON	760	760									
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C		TON	15305	15305									
35100500	AGGREGATE BASE COURSE, TYPE A 6"		SQ YD	244	244									
35100700	AGGREGATE BASE COURSE, TYPE A 8"		SQ YD	3288	3288									
35100900	AGGREGATE BASE COURSE, TYPE A 10"		SQ YD	4496	4496									
35101100	AGGREGATE BASE COURSE, TYPE A 12"		SQ YD	8233	8233									
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"		SQ YD	3464	3464									
40300200	BITUMINOUS MATERIALS (PRIME COAT)		TON	11.1	11.1									
40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)		TON	33.3	33.3									
40300500	COVER COAT AGGREGATE		TON	156	156									
40300600	SEAL COAT AGGREGATE		TON	78	78									
40600200	BITUMINOUS MATERIALS (PRIME COAT)		TON	193.6	193.6									
40600300	AGGREGATE (PRIME COAT)		TON	9	9									
40600895	CONSTRUCTING TEST STRIP		EACH	5	5									
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT		SQ YD	153	153									
40600990	TEMPORARY RAMP		SQ YD	128	128									
40702700	FURNISH PROFILOGRAPH		L SUM	1	1									
44000007	BITUMINOUS SURFACE REMOVAL 2"		SQ YD	4793	4793									
44000100	PAVEMENT REMOVAL		SQ YD	45599	45599									
44001430	BITUMINOUS SHOULDER REMOVAL		SQ YD	1110	1110									
44004300	PAVEMENT BREAKING		SQ YD	23333	23333									
44100300	PAVEMENT REPLACEMENT (SPECIAL)		SQ YD	188	188									
48101200	AGGREGATE SHOULDERS, TYPE B		TON	11884	11884									
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"		SQ YD	70593	70593									

REVISIONS	
NAME	DATE
44004300 - SEB	3/31/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 2 OF 9
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE DRAWN BY SEB
 DATE 3/25/04 CHECKED BY EBB

4/1/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE		CONSTRUCTION AND SAFETY TYPE CODE													
					I000-2A ROADWAY	Y030-1E LIGHTING														
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	•	EACH	1	1															
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	•	EACH	1	1															
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	•	EACH	1	1															
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	•	EACH	1	1															
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	•	EACH	1	1															
50100800	REMOVAL OF EXISTING STRUCTURES NO. 6	•	EACH	1	1															
50100900	REMOVAL OF EXISTING STRUCTURES NO. 7	•	EACH	1	1															
50105220	PIPE CULVERT REMOVAL	•	FOOT	686	686															
50200100	STRUCTURE EXCAVATION		CU YD	1026	1026															
50800105	REINFORCEMENT BARS		POUND	3670	3670															
51205200	TEMPORARY SHEET PILING		SQ FT	2380	2380															
54010503	PRECAST CONCRETE BOX CULVERT 5' X 3'		FOOT	158	158															
54010703	PRECAST CONCRETE BOX CULVERT 7' X 3'		FOOT	48	48															
54010706	PRECAST CONCRETE BOX CULVERT 7' X 6'		FOOT	332	332															
54200217	PIPE CULVERTS, CLASS D, TYPE 1 12"		FOOT	22	22															
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"		FOOT	156	156															
54200235	PIPE CULVERTS, CLASS D, TYPE 1 30"		FOOT	110	110															
54200439	PIPE CULVERTS, TYPE 1 RCCP 24"		FOOT	254	254															
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"		FOOT	246	246															
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"		FOOT	164	164															
54200655	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 30"		FOOT	154	154															
54200661	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 36"		FOOT	76	76															
54200667	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 42"		FOOT	150	150															
54201279	PIPE CULVERTS, TYPE 2 RCCP 24"		FOOT	990	990															
54201285	PIPE CULVERTS, TYPE 2 RCCP 30"		FOOT	168	168															
54201291	PIPE CULVERTS, TYPE 2 RCCP 36"		FOOT	220	220															

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 3 OF 9
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 3/21/05

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE CONSTRUCTION AND SAFETY TYPE CODE								
					I000-2A ROADWAY	Y030-1E LIGHTING							
54201297	PIPE CULVERTS, TYPE 2 RCCP 42"		FOOT	156	156								
54201303	PIPE CULVERTS, TYPE 2 RCCP 48"		FOOT	124	124								
54201489	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"		FOOT	76	76								
54201495	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 30"		FOOT	90	90								
54201513	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 48"		FOOT	146	146								
54206751	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND-SIZE 36"		FOOT	198	198								
54207801	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM, EQUIVALENT ROUND-SIZE 36"		FOOT	148	148								
54209475	PIPE CULVERTS, TYPE 2, REINFORCED CONCRETE, EQUIVALENT ROUND-SIZE 30"		FOOT	154	154								
5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)		FOOT	70	70								
54213465	END SECTIONS 30"		EACH	1	1								
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"		EACH	16	16								
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"		EACH	4	4								
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"		EACH	4	4								
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"		EACH	2	2								
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"		EACH	2	2								
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"		EACH	4	4								
54217680	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER		EACH	6	6								
54217711	REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 24" RISER		EACH	1	1								
54244805	INLET BOX, STANDARD 542501		EACH	4	4								
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"		EACH	3	3								
54248500	CONCRETE HEADWALLS		CU YD	58.3	58.3								
60100060	CONCRETE HEADWALL FOR PIPE DRAINS		EACH	209	209								
60100915	PIPE DRAINS 6"		FOOT	100	100								
60100925	PIPE DRAINS 8"		FOOT	100	100								
60100935	PIPE DRAINS 10"		FOOT	100	100								
60100945	PIPE DRAINS 12"		FOOT	100	100								

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REVISIONS	
NAME	DATE
UNDERDRAINS - SEB	4/19/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 SHEET 4 OF 9
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE DRAWN BY SEB
 DATE 3/21/05 CHECKED BY EBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE CONSTRUCTION AND SAFETY TYPE CODE										
					1000-2A ROADWAY	Y030-1E LIGHTING									
60107600	PIPE UNDERDRAINS 4"		FOOT	77931	77931										
60108100	PIPE UNDERDRAINS 4" (SPECIAL)		FOOT	4406	4406										
60222705	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)		EACH	6	6										
60238305	INLETS, TYPE A, WITH MEDIAN INLET (604101)		EACH	1	1										
60246605	MEDIAN INLET (604101)		EACH	7	7										
61100500	EXPLORATION TRENCH 52" DEPTH		FOOT	52800	52800										
61100605	MISCELLANEOUS CONCRETE		CU YD	30	30										
61101013	STORM SEWERS PROTECTED, CLASS A, 12"		FOOT	2000	2000										
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.		EACH	10	10										
61139900	STORM SEWERS, SPECIAL 6"		FOOT	1000	1000										
61140000	STORM SEWERS, SPECIAL 8"		FOOT	1000	1000										
61140100	STORM SEWERS, SPECIAL 10"		FOOT	1000	1000										
61140200	STORM SEWERS, SPECIAL 12"		FOOT	250	250										
61140600	STORM SEWERS, SPECIAL 18"		FOOT	250	250										
63500105	DELINEATORS		EACH	168	168										
64200105	SHOULDER RUMBLE STRIP		FOOT	84016	84016										
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS		EACH	122	122										
66700205	PERMANENT SURVEY MARKERS, TYPE I		EACH	5	5										
66700305	PERMANENT SURVEY MARKERS, TYPE II		EACH	4	4										
67000400	ENGINEER'S FIELD OFFICE, TYPE A		CAL MO	26	26										
67000600	ENGINEER'S FIELD LABORATORY		CAL MO	26	26										
67100100	MOBILIZATION		L SUM	1	1										
70100305	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400		L SUM	1	1										
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201		L SUM	1	1										
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306		L SUM	1	1										
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326		L SUM	1	1										

REVISIONS	
NAME	DATE
UNDERDRAINS - SEB	4/19/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 5 OF 9
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE DRAWN BY SEB
 DATE 3/21/05 CHECKED BY EBB

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE CONSTRUCTION AND SAFETY TYPE CODE									
					I000-2A ROADWAY	Y030-1E LIGHTING								
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406		L SUM	1	1									
70101005	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	*	EACH	1	1									
70101205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	*	EACH	1	1									
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	*	L SUM	1	1									
70101900	TRAFFIC CONTROL AND PROTECTION (DETOUR 1)	*	L SUM	1	1									
70103815	TRAFFIC CONTROL SURVEILLANCE		CAL DA	45	45									
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS		EACH	1	1									
70300100	SHORT-TERM PAVEMENT MARKING		FOOT	6924	6924									
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS		SQ FT	748.8	748.8									
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"		FOOT	96091	96091									
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"		FOOT	3660	3660									
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"		FOOT	956	956									
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"		FOOT	165	165									
70301000	WORK ZONE PAVEMENT MARKING REMOVAL		SQ FT	46211	46211									
70400100	TEMPORARY CONCRETE BARRIER		FOOT	537	537									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER		FOOT	429	429									
* 72000100	SIGN PANEL - TYPE 1		SQ FT	676.4	676.4									
* 72000200	SIGN PANEL - TYPE 2		SQ FT	196.0	196.0									
* 72000300	SIGN PANEL - TYPE 3		SQ FT	64.0	64.0									
* 72400710	RELOCATE SIGN PANEL - TYPE 1		SQ FT	18.0	18.0									
* 72800100	TELESCOPING STEEL SIGN SUPPORT		FOOT	1726.5	1726.5									
* 73000100	WOOD SIGN SUPPORT		FOOT	155.4	155.4									
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS		SQ FT	46.8	46.8									
* 78001120	PAINT PAVEMENT MARKING - LINE 5"		FOOT	90882	90882									
* 78001130	PAINT PAVEMENT MARKING - LINE 6"		FOOT	253	253									
* 78001180	PAINT PAVEMENT MARKING - LINE 24"		FOOT	120	120									

* SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SUMMARY OF QUANTITIES SHEET 6 OF 9 FAP 322 (US 51) SECTION 11-1 CHRISTIAN COUNTY	
CHEVRONS - SEB	4/1/05		
SCALE:	NONE	DRAWN BY	SEB
DATE	3/21/05	CHECKED BY	EBB

4/1/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE CONSTRUCTION AND SAFETY TYPE CODE						
					1000-2A ROADWAY	Y030-1E LIGHTING					
78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"		FOOT	9982	9982						
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS & SYMBOLS	•	SQ FT	748.8	748.8						
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	•	FOOT	86351	86351						
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	•	FOOT	3660	3660						
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	•	FOOT	956	956						
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	•	FOOT	165	165						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER		EACH	581	581						
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER		EACH	55	55						
78300100	PAVEMENT MARKING REMOVAL		SQ FT	47	47						
78300105	PAVEMENT MARKING REMOVAL	•	FOOT	5788	5788						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		EACH	68	68						
80400100	ELECTRIC SERVICE INSTALLATION		EACH	3			3				
* 80803100	WOOD LIGHTING POLE, 50 FOOT, CLASS 3	•	EACH	8			8				
* 81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL		FOOT	480			480				
* 81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK		FOOT	3930			3930				
* 81600215	UNIT DUCT, 2*8XLP, 1*8 XLP GROUND 3/4" POLYETHYLENE		FOOT	3465			3465				
* 81600315	UNIT DUCT, 2*6XLP, 1*6 XLP GROUND 1" POLYETHYLENE		FOOT	1725			1725				
* 81800200	AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE		FOOT	1190			1190				
* 82103900	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT		EACH	38			38				
* 82500605	LIGHTING CONTROLLER PHOTOCCELL RELAY		EACH	3			3				
* 83034400	LIGHT POLE, STEEL, 45 FT. M.H., TENON MOUNT		EACH	18			18				
* 83035400	LIGHT POLE, STEEL, 45 FT. M.H., TENON MOUNT - TWIN		EACH	6			6				
* 83600355	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'		EACH	18			18				
* 83600357	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8'		EACH	6			6				
* 83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN		EACH	96			96				
X0322729	MATERIAL TRANSFER DEVICE	•	TON	15177	15177						

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REVISIONS	
NAME	DATE
UNDERDRAINS - SEB	4/19/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 7 OF 9
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 3/21/05

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL		% STATE		CONSTRUCTION AND SAFETY TYPE CODE					
					1000-2A ROADWAY	Y030-1E LIGHTING								
X0324118	GRANULAR CULVERT BACKFILL	•	CU YD	148	148									
* X2020500	EARTH EXCAVATION (ROCKFILL)	•	CU YD	1500	1500									
X2510630	HEAVY DUTY EROSION CONTROL BLANKET		SQ YD	695	695									
X3550500	BITUMINOUS BASE COURSE SUPERPAVE 8"	•	SQ YD	428	428									
X3550510	BITUMINOUS BASE COURSE SUPERPAVE 8 1/2"	•	SQ YD	1387	1387									
X3550815	BITUMINOUS BASE COURSE SUPERPAVE 11 3/4"	•	SQ YD	2059	2059									
X3560120	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 8 INCH	•	SQ YD	158	158									
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	•	EACH	1	1									
X4023000	TEMPORARY ACCESS (ROAD)	•	EACH	7	7									
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	•	EACH	19	19									
X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	•	TON	1177	1177									
X4073066	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 9 1/4"	•	SQ YD	5498	5498									
X4073155	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 13 3/4"	•	SQ YD	123293	123293									
X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50	•	TON	48	48									
X7015000	CHANGEABLE MESSAGE SIGN	•	CAL MO	56	56									
XX001017	REMOVE RIGHT-OF-WAY MARKERS	•	EACH	3	3									
Z0005000	BITUMINOUS MIXTURE FOR PATCHING POTHoles (COLD MIX)	•	TON	100	100									
Z0007601	BUILDING REMOVAL NO. 1	•	L SUM	1	1									
Z0007602	BUILDING REMOVAL NO. 2	•	L SUM	1	1									
Z0007603	BUILDING REMOVAL NO. 3	•	L SUM	1	1									
Z0007604	BUILDING REMOVAL NO. 4	•	L SUM	1	1									
Z0007605	BUILDING REMOVAL NO. 5	•	L SUM	1	1									
Z0013798	CONSTRUCTION LAYOUT	•	L SUM	1	1									
Z0013825	CONTROLLED LOW-STRENGTH MATERIAL	•	CU YD	31.3	31.3									
Δ Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	•	EACH	2	2									
Δ Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	•	EACH	2	2									

Δ SFTY - 3N
* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 8 OF 9
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY
SCALE: NONE
DATE: 3/21/05
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3/20/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	SP. PROV.	UNIT	80% FED. 20% STATE TOTAL QUANTITIES	% FEDERAL % STATE		CONSTRUCTION AND SAFETY TYPE CODE							
					I000-2A ROADWAY	Y030-1E LIGHTING								
Z0038500	PERMANENT BARRICADES	•	EACH	56	56									
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	•	L SUM	1	1									
* Z0054517	ROCK FILL - FOUNDATION	•	TON	180	180									
* Z0054530	ROCK FILL - SUBGRADE	•	TON	2100	2100									
X3560125	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 8½ INCH	•	SQ YD	144	144									
X3560156	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 11¾ INCH	•	SQ YD	308	308									
48202050	BITUMINOUS SHOULDERS SUPERPAVE 2"	•	SQ YD	1594	1594									
■ Z0076600	TRAINEEES		HR	2,000	2,000									

*SPECIALTY ITEMS
■ 4080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 9 OF 9
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

SCALE: NONE DRAWN BY SEB
DATE 3/21/05 CHECKED BY EBB

3/20/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEEDING SCHEDULE

LOCATION		SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2
		ACRE	POUND	POUND	POUND	TON	ACRE
FAP 322	695+00 TO 701+00	1.52	136.8	136.8	136.8	3.0	1.52
	701+00 TO 716+00	3.76	338.4	338.4	338.4	7.5	3.76
	716+00 TO 731+00	3.78	340.2	340.2	340.2	7.6	3.78
	731+00 TO 746+00	3.66	329.4	329.4	329.4	7.3	3.66
	746+00 TO 761+00	3.95	355.5	355.5	355.5	7.9	3.95
	761+00 TO 776+00	3.22	289.8	289.8	289.8	6.4	3.22
	776+00 TO 791+00	4.64	417.6	417.6	417.6	9.3	4.64
	791+00 TO 806+00	4.01	360.9	360.9	360.9	8.0	4.01
	806+00 TO 821+00	4.16	374.4	374.4	374.4	8.3	4.16
	821+00 TO 836+00	4.13	371.7	371.7	371.7	8.3	4.13
	836+00 TO 851+00	4.15	373.5	373.5	373.5	8.3	4.15
	851+00 TO 866+00	3.42	307.8	307.8	307.8	6.8	3.42
	866+00 TO 881+00	3.41	306.9	306.9	306.9	6.8	3.41
	881+00 TO 896+00	3.76	338.4	338.4	338.4	7.5	3.76
	896+00 TO 911+00	2.99	269.1	269.1	269.1	6.0	2.99
	911+00 TO 926+00	3.19	287.1	287.1	287.1	6.4	3.19
	926+00 TO 941+00	3.65	328.5	328.5	328.5	7.3	3.65
	941+00 TO 956+00	3.76	338.4	338.4	338.4	7.5	3.76
956+00 TO 971+00	3.07	276.3	276.3	276.3	6.1	3.07	
971+00 TO 983+49	0.25	22.5	22.5	22.5	0.5	0.25	
TR 193	15+75 TO 18+50	0.26	23.4	23.4	23.4	0.5	0.26
	22+00 TO 24+75	0.25	22.5	22.5	22.5	0.5	0.25
TR 185	5+25 TO 8+50	0.16	14.4	14.4	14.4	0.3	0.16
	11+50 TO 14+50	0.2	18.0	18.0	18.0	0.4	0.2
TR 169/ CH 17	7+50 TO 8+50	0.04	3.6	3.6	3.6	0.1	0.04
	11+50 TO 14+50	0.31	27.9	27.9	27.9	0.6	0.31
TR 151A	4+00 TO 8+50	0.32	28.8	28.8	28.8	0.6	0.32
	11+50 TO 15+25	0.28	25.2	25.2	25.2	0.6	0.28
SERVICE DRIVE 904	64+00 TO 79+88	0.8	72.0	72.0	72.0	1.6	0.8
TOTALS:		71.1	6,399	6,399	6,399	142.0	71.1

* - SEE EROSION CONTROL SCHEDULE FOR ADDITIONAL QUANTITY

TEMPORARY ACCESS SCHEDULE

ROUTE	STATION	OFFSET	PRIVATE ENTRANCE	ROAD	FIELD ENTRANCE
			EACH	EACH	EACH
FAP 322	714+45.0	LT			1
	714+45.0	RT			1
	723+00.0	LT			1
	723+00.0	RT			1
	758+80.0	RT			1
	772+04.0	RT			1
	828+00.0	RT			1
	886+00	LT	1		
	866+75.0	RT			1
	890+33.0	RT			1
	918+00.0	RT			1
	955+00.0	RT			1
TR 193	24+00.0	LT		1	1
	24+00.0	RT			1
TR 306				1	
TR 185	EAST LEG (STAGE 1)			1	
	WEST LEG (STAGE 2)			1	
TR 169 / CH 17	6+00.0	RT			1
	14+00.0	LT			1
TR 151A	EAST LEG (STAGE 1)			1	
	WEST LEG (STAGE 2)			1	
	13+75.0	LT			1
TR 151A	13+75.0	RT			1
	13+75.0	LT			1
TOTALS:			1	7	19

ROCKFILL-FOUNDATION

LOCATION	FOUNDATION TYPE	ESTIMATED QUANTITY	REMARKS
US 51			
767+70	PRE-CAST	180	ESTIMATED UNDERCUT FOR 165 FT X 14 FT X 1 FT
TOTAL		180	

THE SCHEDULE FOR ROCKFILL-FOUNDATION IS AN ESTIMATED QUANTITY. IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

LOCATION	ESTIMATED QUANTITY	REMARKS
VARIOUS	150	MISCELLANEOUS REMOVAL AT EXISTING DITCHES AS DETERMINED BY THE ENGINEER.
TOTAL	150	

THE SCHEDULE FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL IS AN ESTIMATED QUANTITY. IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

GEOTECHNICAL SCHEDULE

ITEMS	UNIT	TOTAL
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,200
SUB-BASE GRANULAR MATERIAL, TYPE A	TONS	760
EARTH EXCAVATION (ROCKFILL)	CU YD	1,500
ROCKFILL - SUBGRADE	TONS	2,100
LIME	TONS	90
PROCESSING LIME MODIFIED SOILS, 12"	SQ YDS	4,440
EARTH EXCAVATION	CU YDS	2,960

THE SCHEDULE FOR GEOTECHNICAL ITEMS IS AN ESTIMATED QUANTITY FOR IMPROVING UNSTABLE SUBGRADE CONDITIONS AT VARIOUS LOCATIONS. THE QUANTITIES MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

EROSION CONTROL SCHEDULE

ITEMS	UNIT	TOTAL
EARTH EXCAVATION FOR EROSION CONTROL	CU YD	500
TEMPORARY DITCH CHECKS	EACH	130
PERIMETER EROSION BARRIER	FOOT	1,500
INLET AND PIPE PROTECTION	EACH	58
SEEDING, CLASS 7	ACRE	40
MULCH, METHOD 2	ACRE	40
AGGREGATE (EROSION CONTROL)	TON	500
TEMPORARY EROSION CONTROL SEEDING	POUND	11,500

THE SCHEDULE FOR EROSION CONTROL IS AN ESTIMATED QUANTITY IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

EROSION CONTROL BLANKET

LOCATION / ITEM	NUMBER	AREA
FAP 322 - STAGE 1 (SLOPES STEEPER THAN 1:3)	781+50 to 783+50 MEDIAN	222.2
	798+50 to 806+50 MEDIAN	1155.6
	808+50 to 818+50 MEDIAN	1388.9
	828+50 to 849+50 MEDIAN	3103.3
	852+50 to 868+50 MEDIAN	2631.1
	888+50 to 896+50 MEDIAN	1235.6
	934+50 to 939+50 MEDIAN	977.8
	961+50 to 963+50 MEDIAN	300.0
PRECAST END SECTIONS	24" (8.3 SQ YD / EACH)	16 132.8
	30" (9.4 SQ YD / EACH)	7 65.8
	36" (10.5 SQ YD / EACH)	6 63.0
	42" (10.9 SQ YD / EACH)	2 21.8
CST-IN-PLACE END SECTIONS	FAP 322 STA 767+70 RT & LT	40.8
	FAP 322 STA 924+75 RT & LT	20.6
	TR 193 STA 21+50 RT & LT	26.5
	TR 151A STA 11+40 RT & LT	22.6
MEDIAN INLET STANDARD 604101 (18.4 SQ YD / EACH)	14	257.6
INLET BOX STANDARD 542501 (17.6 SQ YD / EACH)	4	70.4
CONCRETE HEADWALL FOR PIPE UNDERDRAIN (11.4 SQ YD / EACH)	148	1687.2
TOTALS:		13,424

FIELD TILE SCHEDULE

ITEMS	UNIT	TOTAL
EXPLORATION TRENCH 52" DEPTH	FOOT	52,800
MISCELLANEOUS CONCRETE	CU YD	30
STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	2000
FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	10
STORM SEWERS, SPECIAL 6"	FOOT	1000
STORM SEWERS, SPECIAL 8"	FOOT	1000
STORM SEWERS, SPECIAL 10"	FOOT	1000
STORM SEWERS, SPECIAL 12"	FOOT	250
STORM SEWERS, SPECIAL 18"	FOOT	250
PIPE DRAINS 6"	FOOT	100
PIPE DRAINS 8"	FOOT	100
PIPE DRAINS 10"	FOOT	100
PIPE DRAINS 12"	FOOT	100
TRENCH BACKFILL	CU YD	200

THE SCHEDULE FOR HANDLING FIELD TILE (SEE SPECIAL PROVISIONS) IS AN ESTIMATED QUANTITY. IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

HEAVY DUTY EROSION CONTROL BLANKET

LOCATION	AREA
FAP 322 740+00 LT TO TR 193 15+75 RT	542.1
TR 185 12+00 LT TO TR 185 12+55 LT	76.4
TR 185 12+00 RT TO TR 185 12+55 RT	76.4
TOTALS:	695

INTERSEEDING SCHEDULE

ITEMS	UNIT	TOTAL
MOWING	ACRE	25
INTERSEEDING, CLASS 2A	ACRE	25

THE SCHEDULE FOR INTERSEEDING & MOWING IS AN ESTIMATED QUANTITY FOR HANDLING PERMANENT SEEDING AFTER TEMPORARY "TEMPORARY EROSION CONTROL SEEDING" HAS BEEN PLACED AND ESTABLISHED ON FINISHED HIGHLY ERODABLE SOIL (TO AVOID FURTHER GROUND DISTURBANCE). IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES ESTIMATED, E.C., & SEEDING
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

SCALE: NONE
 DATE 3/17/05

DRAWN BY SEB
 CHECKED BY EBB

3/27/2005

BITUMINOUS CONCRETE PAVEMENT SCHEDULE

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ROUTE	LOCATION	PROCESSING	LIME	SUB-BASE	AGGREGATE	BITUMINOUS	BITUMINOUS	BITUMINOUS	BITUMINOUS	BITUMINOUS	BIT CONC	BIT CONC	BITUMINOUS	AGGREGATE	AGGREGATE	BITUMINOUS	BITUMINOUS	
		LIME MODIFIED SOILS 12"	TON	GRANULAR MATERIAL, TY C	COURSE, TYPE A 12"	BASE COURSE SUPERPAVE 8 1/2"	BASE COURSE SUPERPAVE 11 3/4"	BASE COURSE WIDENING SUPERPAVE 8 1/2"	BASE COURSE WIDENING SUPERPAVE 11 3/4"	COURSE, SUPERPAVE, MIX "D", N50	CONCRETE PAVEMENT (FD), SUPERPAVE, 9 1/4"	CONCRETE PAVEMENT (FD), SUPERPAVE, 13 3/4"	MATERIALS (PRIME COAT)	(PRIME COAT)	SHOULDERS, TYPE B	SHOULDERS SUPERPAVE 2"	SHOULDERS SUPERPAVE 8"	
		SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	TON	TON	TON	SQ YD	SQ YD	
FAP 322	NORTHBOUND LANES (RT)	734+78.29 to 743+08.98	5009.3	100.2	187.5													
		743+08.98 to 749+00.36	2781.7	55.6	228.6							4003.0				127.1		731.2
		775+00.00 to 789+03.43	6601.3	132.0	405.0							1577.0				168.4		1051.3
		789+03.43 to 797+42.70	5037.4	100.7	194.4							3742.5	5.7		246.4			1921.6
		797+42.70 to 842+99.73	21434.8	428.7	1762.0							3996.3	6.1		129.9			765.1
		842+99.73 to 851+38.44	5034.4	100.7	195.3							12152.1	18.5		1297.9			8101.4
		851+38.44 to 897+07.44	21491.1	429.8	1766.6							3994.3	6.1		129.8			764.1
		897+07.44 to 905+43.19	5017.9	100.4	194.3							12184.0	18.5		1301.3			8122.7
		905+43.19 to 963+93.21	27516.5	550.3	2262.0							3983.4	6.1		129.1			759.3
		963+93.21 to 971+90.00			127.5							15600.1	23.7		1666.1			10400.0
	971+90.00 to 977+08.00			82.9										3.2	142.0	867.6	522.3	
	SOUTHBOUND LANES (LT)	734+78.29 to 740+69.66	2781.6	55.6	228.6										92.4			340.1
		740+69.66 to 749+00.36	5009.4	100.2	187.5							1577.0	2.4		168.4			1051.3
		778+00.00 to 794+80.30	7903.6	158.1	649.7							4003.1	6.1		127.1			733.6
		794+80.30 to 803+19.57	5037.4	100.7	194.4							4480.8	6.8		478.5			2987.2
		803+19.57 to 848+76.59	21434.7	428.7	1762.0							3996.3	6.1		129.9			765.1
		848+76.59 to 857+15.50	5035.2	100.7	194.3							12152.1	18.5		1297.9			8101.4
		857+15.50 to 902+84.66	21491.8	429.8	1766.8							3994.7	6.1		129.9			764.5
		902+84.66 to 911+20.98	5020.3	100.4	194.5							12184.4	18.5		1301.3			8123.0
		911+20.98 to 970+03.82	27670.9	553.4	2274.7							3984.6	6.1		129.2			760.4
970+03.82 to 974+20.00											15687.6	23.8		1675.4			10458.4	
974+20.00 to 978+83.00														95.7		336.0		
EXISTING US 51	632+00.00 to 635+51.59									129.7			0.4	2.2	26.7			
	635+51.59 to 641+84.05									318.5			0.8	4.5	134.8		983.8	
SB TRANSITION	105+73.12 to 107+68.76	659.4	13.2	75.6						31.3				41.8			347.8	
CROSSOVER "A"	206+31.50 to 213+85.60	838.0	16.8	187.8						112.5			0.4	1.9	86.1		380.2	
CROSSOVER "B"	10+00.00 to 21+11.24									203.4								
TR 193	17+57.83 to 19+37.44			13.8	974.9													
	19+37.44 to 20+62.56				444.9													
	20+62.56 to 22+42.17			13.8	974.9						829.00						187.0	
TR 185	7+91.99 to 9+38.06			11.8	764.2													
	9+38.06 to 10+61.94				440.5						648.30						160.0	
	10+61.94 to 12+04.47			11.6	748.1													
TR 169 / CH 17	7+95.55 to 9+38.15			11.6	747.9													
	9+38.15 to 10+61.89				440.0													
	10+61.89 to 12+04.81			11.6	750.0						637.60						157.3	
TR 151A	7+94.91 to 9+38.15			11.6	751.5													
	9+38.15 to 10+61.71				439.3													
	10+61.71 to 12+06.10			11.7	757.1						643.00						158.7	
TOTALS:		202,807***	4,056	15,305	8,233	1,387	2,059	144	308	1,177	5,498	123,293	193.5*	9	11,371**	1,594	70,593	

SHOULDER RUMBLE STRIP

ROUTE	LOCATION	OFFSET	SIDE	FT
FAP 322	734+78.29 to 740+68.29	RT	OUTSIDE	590.0
	734+78.29 to 740+89.15	LT	MEDIAN	610.9
	734+78.29 to 741+22.54	RT	MEDIAN	644.3
	734+78.29 to 741+46.49	LT	OUTSIDE	668.2
	742+32.15 to 749+00.35	RT	OUTSIDE	668.2
	742+49.27 to 749+00.35	LT	MEDIAN	651.1
	742+89.49 to 749+00.35	RT	MEDIAN	610.9
	743+10.35 to 749+00.35	LT	OUTSIDE	590.0
	775+00.00 to 795+42.36	RT	OUTSIDE	2042.4
	778+00.00 to 795+25.20	LT	MEDIAN	1725.2
	778+00.00 to 795+42.69	LT	OUTSIDE	1742.7
	783+55.76 to 795+18.43	RT	MEDIAN	1162.7
	796+80.31 to 849+14.73	RT	MEDIAN	5234.4
	796+80.64 to 849+21.49	LT	OUTSIDE	5240.9
	796+97.80 to 849+38.14	RT	OUTSIDE	5194.3
	797+04.57 to 849+38.74	LT	MEDIAN	5234.2
	850+76.62 to 903+22.44	RT	MEDIAN	5245.8
	850+76.93 to 903+29.56	LT	OUTSIDE	5252.6
	850+93.54 to 903+43.04	RT	OUTSIDE	5157.5
	851+00.50 to 903+44.60	LT	MEDIAN	5244.1
904+84.12 to 971+90.00	RT	MEDIAN	6705.9	
904+84.92 to 974+20.00	LT	OUTSIDE	6935.1	
904+98.29 to 971+90.00	RT	OUTSIDE	6599.7	
905+05.98 to 974+20.00	LT	MEDIAN	6914.0	
972+40.00 to 977+08.27	RT	MEDIAN	468.3	
978+83.27 to 983+48.96	LT	OUTSIDE	465.7	
SB TRANSITION	99+40.69 to 107+68.76	LT		774.0
	105+73.12 to 107+68.76	RT		195.6
CROSSOVER "A"	200+00.00 to 207+40.18	RT		694.1
	206+32.50 to 213+85.60	LT		753.1
TOTALS:				84,016

*-- ENTRANCE WIDTHS HAVE BEEN SUBTRACTED

- *-- ADDITIONAL 0.1 TONS FOR INCIDENTAL BITUMINOUS SURFACING AREAS
- **-- SEE SIDE ROAD PAVEMENT SCHEDULE FOR ADDITIONAL "AGGREGATE SHOULDER, TYPE B"
- ***-- SEE GEOTECHNICAL SCHEDULE FOR ADDITIONAL QUANTITIES

SIDE ROAD PAVEMENT SCHEDULE

ROUTE	LOCATION	AGGREGATE	AGGREGATE	BITUMINOUS	BITUMINOUS	COVER COAT	SEAL COAT	AGGREGATE
		BASE COURSE, TYPE A 8"	BASE COURSE, TYPE A 10"	MATERIALS (PRIME COAT)	MATERIALS (COVER AND SEAL COATS)	COAT AGGREGATE	COAT AGGREGATE	SHOULDERS, TYPE B
		SQ YD	SQ YD	TON	TON	TON	TON	TON
TR 193	15+75.00 to 17+57.83	473.9	0.675	2.026	9.478	4.739		49
	22+42.17 to 24+75.00	605.5	0.863	2.589	12.11	6.055		62.4
TR 185	5+25.00 to 7+91.99	697.6	0.994	2.982	13.952	6.976		71.6
	12+04.47 to 12+55.00	115	0.164	0.492	2.3	1.15		13.6
TR 169 / CH 17	6+00.00 to 7+95.55	103.1	0.147	0.441	2.062	1.031		52.4
	12+04.81 to 14+75.00	638.1	0.909	2.728	12.762	6.381		72.4
TR 151A	4+00.00 to 7+94.91	1033.6	1.473	4.419	20.672	10.336		105.8
	12+06.10 to 15+25.00	829.2	1.182	3.545	16.584	8.292		85.4
SERVICE DRIVE 904	63+65.00 to 79+88.00	3288.2	4.686	14.057	65.764	32.882		
TOTALS:		3,288	4,496	11.1	33.3	156	78	513*

*-- SEE BIT CONC PAVEMENT SCHEDULE FOR ADDITIONAL "AGGREGATE SHOULDER, TYPE B"

MATERIAL TRANSFER DEVICE

ITEM	TON
SURFACE, MIX D	382
BIT CONCRETE PAVEMENT (FD), SUPERPAVE, 13 3/4"	14795
TOTALS:	15,177

MAINLINE SURFACE COURSE ONLY

TEMPORARY RAMP

LOCATION	SQ YD	
FAP 322	963+93.21 RT	24.8
	971+90.00 RT	29.4
EX US 51	635+00.00	20.5
TR 185	12+04.47	17.8
TR 169 / CH 17	12+04.81	17.8
TR 151A	12+06.10	17.8
TOTALS:	128	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 PAVEMENT
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 3/17/05

DRAWN BY: SEB
 CHECKED BY: EBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ENTRANCE SCHEDULE

ROUTE	STATION	OFFSET	TYPE	WIDTH	AGGREGATE SURF COURSE, TYPE A 6"	AGGREGATE BASE COURSE TYPE A, 6"	INCIDENTAL BIT SURF SUPERPAVE N50	
				FT	TON	SQ YD	TON	
FAP 322	714+45.0	LT	FE	16	388.6			
	714+45.0	RT	FE	16	394.8			
	723+00.0	LT	FE	16	204.4			
	723+00.0	RT	FE	16	213.3			
	758+80.0 (SD 758)	LT	SD	16	373.3			
	758+80.0 (SD 758)	RT	FE	16	400.2			
	772+04.0	LT	TR 306	24		244.2	83.5	
	772+04.0	RT	FE	16	258.5			
	828+00.0	RT	FE	16	129			
	866+75.0	RT	FE	16	114.8			
	890+33.0	RT	FE	16	137.9			
	918+00.0	RT	FE	16	107.7			
	955+00.0	RT	FE	16	121.9			
	TR 193	24+00.0	LT	FE	16	74.8		
		24+00.0	RT	FE	16	74.8		
	TR 185	6+00.0	RT	FE	16	62.3		
	14+00.0	LT	FE	16	75.1			
TR 169 / CH 17	13+75.0	LT	FE	16	60.6			
	13+75.0	RT	FE	16	60.6			
TR 151A	5+00.0	RT	FE	16	71.2			
	13+75.0	LT	FE	16	70.5			
	13+75.0	RT	FE	16	69.8			
TOTALS:					3,464	244	48	

STRIPING REMOVAL SCHEDULE

LOCATION	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
	FT	SQ FT	EACH
EX US 51 (2 LANE)	635+51.6 to 642+10.0	LT	
		CL	
		RT	
EX US 51 (4 LANE)	972+40.0 to 977+08.3	RT MEDIAN	
	978+83.3 to 983+49.0	LT MEDIAN	
	989+50.0 to 999+50.0	LT CL	13
CROSSOVER "A"			55
CROSSOVER "B"			
TOTALS:	3123.1	46.8	68

BITUMINOUS SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD	
EX US 51	632+00.00 to 632+50.00	153.0
TOTALS:	153	

BITUMINOUS SURFACE REMOVAL 2"

LOCATION	SQ YD	
FAP 322	963+93.21 to 971+90.00 RT	2957.0
	970+03.82 to 974+20.00 LT	1835.8
TOTALS:	4,793	

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION	UNITS	
FAP 322	767+74 93' LT	6
	767+91 84' LT	6
TOTALS:	12	

REMOVE RIGHT-OF-WAY MARKERS

LOCATION	EACH	
FAP 322	795+90.0 34.1' RT	1
	796+50.1 35.6' RT	1
	850+36.6 34.5' RT	1
TOTALS:	3	

BUILDING REMOVAL

STATION	SIDE	BUILDING *	DESCRIPTION
890+64	RT	1	METAL GRAIN BIN
890+68	RT	2	METAL GRAIN BIN
890+72	RT	3	METAL GRAIN BIN
890+76	RT	4	METAL GRAIN BIN
891+74	RT	5	SCALE HOUSE, PIT, AND SCALE

PIPE CULVERT REMOVAL

LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL	
		FOOT	
FAP 322	765+59.0 34.7 LT	24" CMP	31
	775+73.9 8.5 RT	15" CMP	41
	795+99.4 53.4 LT	18" CMP	56
	796+14.7 25.1 RT	18" CMP	36
	828+13.3 7.0 RT	15" CMP	36
	828+13.7 52.0 LT	15" CMP	41
	866+74.2 5.8 RT	15" CMP	32
	877+02.7 2.7 RT	18" CMP	34
	882+71.7 4.3 RT	15" CMP	39
	890+31.2 5.8 RT	18" CMP	33
	891+10.5 5.9 RT	18" CMP	51
	904+06.5 60.9 LT	18" CMP	58
	904+16.7 21.7 RT	18" CMP	36
	917+70.1 0.1 LT	24" CMP	36
	953+51.7 1.6 LT	18" CMP	45
TR 193	23+26.5 17.8 RT	24" CMP	21
TR 185	10+69.8 19.6 RT	15" CMP	20
	10+72.2 17.0 LT	15" CMP	20
TR 151A	13+69.6 18.8 RT	18" CMP	20
TOTALS:			686

REINFORCED CONCRETE BOX CULVERT REMOVAL SCHEDULE

LOCATION	SIZE	STRUCTURE *	
FAP 322	767+84 LT	12' W x 3' H x 35.5' L	1
	800+92 LT	2' W x 2' H x 41' L	2
	834+80 LT	2' W x 1.5' H x 43' L	3
	864+19 LT	3' W x 2' H x 41' L	4
	876+65 LT	2' W x 1.5' H x 42' L	5
	924+48 LT	2' W x 3' H x 41' L	6
	938+17 LT	2' W x 1.5' H x 50' L	7

PAVEMENT REMOVAL / BREAKING SCHEDULE

LOCATION	PAVEMENT REMOVAL	PAVEMENT BREAKING	BITUMINOUS SHOULDER REMOVAL
	SQ YD	SQ YD	SQ YD
STAGE CONSTRUCTION REMOVAL			
FAP 322	796+11.5 CL	171.0	
	850+07.8 CL	182.5	
EX US 51	631+46.7 to 634+99.7 LT	339.1	
	631+68.6 to 634+99.7 RT	246.4	
CROSSOVER "B"	10+00.0 to 21+11.2	1530.9	
EXISTING REMOVAL			
FAP 322	971+90.0 to 977+09.00 RT		340.2
	978+83.3 to 984+19.7 LT		335.8
EX US 51	635+51.6 to 641+84.1 LT		222.8
	635+51.6 to 641+84.1 RT		210.8
	641+84.1 to 700+79.5	18341.2	
	700+79.5 to 710+79.5		3111.1
	710+79.5 to 720+79.5	3111.1	
	720+79.5 to 725+79.5		1555.6
	725+79.5 to 756+79.5	9644.5	
	756+79.5 to 778+79.5		6844.4
	778+79.5 to 791+79.5	4044.4	
	791+79.5 to 803+79.5		8400.0
	803+79.5 to 818+79.5	4666.7	
	818+79.5 to 829+79.5		3422.2
	829+79.5 to 831+68.9	589.2	
EX NB CROSSOVER		1140.1	
EX SB CROSSOVER		1591.3	
TOTALS:	45,599	23,333	1,110

RIPRAP SCHEDULE

LOCATION	STONE DUMPED RIPRAP, CLASS B3	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP
	TON	TON	SQ YD
FAP 322	713+40.0 to 714+01.3 RT	34.4	
	716+60.0 to 716+95.0 RT	34.2	
	726+35.0 to 726+45.0 RT	5.6	
	740+30.0 RT to 21+70 RT (TR 193)	68.1	
	21+70 LT (TR 193) to 742+10.0 RT	92.2	
	755+25.0 to 755+35.0 RT	5.6	
	767+00.0 to 767+66.2 RT	37.2	
	767+30.7 to 767+69.9 LT		120.6
	767+66.2 to 768+03.0 RT		114.8
	767+69.9 to 771+48.6 LT	212.7	
	768+03.0 to 771+67.0 RT	204.5	
	781+92.0 to 782+08.0 RT	18.0	
	795+00.0 to 795+48.5 LT	27.3	
	795+00.0 to 12+00.0 RT (TR 185)	94.1	
	12+00.0 LT (TR 185) to 797+45.0 RT	80.1	
	810+15.0 to 810+25.0 RT	5.6	
	823+25.0 to 823+35.0 RT	5.6	
	837+55.0 to 837+85.0 RT		46.7
	84+910.0 RT to 11+55.0 RT (TR 169)	61.4	
	11+55.0 LT (TR 169) to 851+35.0 RT	53.3	
	864+15.0 to 864+25.0 RT	5.6	
	890+71.2 to 892+95.0 RT	141.9	
	903+13.0 RT to 11+50.0 RT (TR 151A)	67.7	
	11+50.0 LT (TR 151A) to 905+40.0 RT	62.6	
	904+62.4 to 905+00.0 LT	21.1	
	917+55.0 to 917+65.0 RT	5.6	
	917+37.2 to 917+60.0 RT	12.8	
	924+75.0 LT		35.8
	938+14.5 to 938+24.5 RT	5.6	46.0
	945+35.0 to 945+45.0 RT	5.6	
	959+35.0 to 959+45.0 RT	5.6	
TOTALS:	1,374	318	409

Rev.

REVISIONS	
NAME	DATE
44004300 - SEB	8/31/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
ENTRANCES, RIPRAP & REMOVALS
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY
 SCALE: NONE
 DATE: 3/17/05
 DRAWN BY: SEB
 CHECKED BY: EBB

F.A.P. RTE. 322	SECTION 11-10	COUNTY CHRISTIAN	TOTAL SHEETS 310	SHEET NO. 16
STA. TO STA.		ILLINOIS FED. AID PROJECT		

**EARTHWORK SCHEDULE
STAGE 1**

ROUTE	STATION TO STATION		1		2		3		4		5		6		7		8		9		10		11		12	
			THEORETICAL		TOPSOIL ADJUSTMENT		4" TOPSOIL PLACEMENT		ADJUSTED EARTHWORK		TOPSOIL EXC. & PLACEMENT		EXCESS (BORROW)		CUMULATIVE EXCESS (BORROW)		FURNISHED EXCAVATION									
			CUT	FILL	4" CUT	4" FILL	CUT	FILL	FILL x 1.25	CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	CUT
		CU YD	CU YD	CU YD	CU YD	SQ YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
FAP 322	768+00	776+00	9,948	2,539	598	175	6,958	10,546	2,364	2,955	773	6,818	6,818	(5,455)												
	776+00	791+00	24,825	281	1,313	8	11,887	26,138	273	342	1,321	24,476	31,294	(19,581)												
	791+00	806+00	12,455	4,516	980	161	10,268	13,435	4,355	5,443	1,141	6,850	38,145	(5,480)												
	806+00	821+00	11,377	4,828	967	172	10,251	12,344	4,656	5,820	1,139	5,385	43,530	(4,308)												
	821+00	836+00	14,170	6,103	944	181	10,124	15,113	5,922	7,402	1,125	6,586	50,116	(5,269)												
	836+00	851+00	9,524	8,981	784	261	9,405	10,308	8,719	10,899	1,045	(1,636)	48,480	1,309												
	851+00	866+00	2,936	10,835	495	328	7,401	3,431	10,507	13,134	822	(10,525)	37,955	8,420												
	866+00	881+00	4,149	6,615	524	220	6,696	4,673	6,395	7,994	744	(4,065)	33,890	3,252												
	881+00	896+00	5,280	8,012	618	251	7,822	5,898	7,760	9,700	869	(4,672)	29,218	3,737												
	896+00	911+00	933	13,791	253	353	5,460	1,186	13,438	16,797	607	(16,218)	13,000	12,975												
	911+00	926+00	930	9,224	284	297	5,222	1,213	8,927	11,159	580	(10,525)	2,475	8,420												
	926+00	941+00	1,845	13,447	377	350	6,539	2,222	13,097	16,372	727	(14,876)	(12,402)	11,901												
	941+00	956+00	7,713	4,048	755	128	7,952	8,468	3,920	4,900	884	2,685	(9,717)	(2,148)												
	956+00	963+93	1,013	7,660	208	196	3,634	1,221	7,464	9,330	404	(8,513)	(18,230)	6,810												
CROSSOVER "B"	972+40	983+49	77	500	0	0	0	77	500	624	0	(548)	(18,778)	438												
TR 185	11+50	14+50	747	24	98	7	946	845	17	21	105	718	(18,060)	(574)												
TR 169/ CH 17	11+50	14+50	1,819	2	163	2	1,484	1,982	0	0	165	1,817	(16,243)	(1,453)												
TR 151A	11+50	15+25	378	702	106	44	1,344	484	658	823	149	(488)	(16,732)	391												
SUBTOTAL STAGE 1			110,118	102,107	9,465	3,134	113,392	119,583	98,973	123,716	12,599	(16,732)		13,385												

STAGE 2

FAP 322	695+00	701+00	1,624	13,408	318	501	7,365	1,942	12,908	16,135	818	(15,011)	(15,011)	12,009												
	701+00	716+00	7,938	13,994	1,282	741	18,208	9,220	13,252	16,565	2,023	(9,368)	(24,379)	7,495												
	716+00	731+00	5,822	23,045	977	1,059	18,318	6,799	21,986	27,483	2,035	(22,719)	(47,099)	18,176												
	731+00	746+00	4,198	39,426	767	1,203	17,732	4,966	38,223	47,779	1,970	(44,783)	(91,882)	35,827												
	746+00	761+00	6,052	32,031	953	1,173	19,125	7,005	30,859	38,573	2,125	(33,694)	(125,576)	26,955												
	761+00	776+00	5,364	8,814	560	397	8,609	5,924	8,417	10,521	957	(5,554)	(131,129)	4,443												
	776+00	791+00	10,808	431	1,132	41	10,564	11,940	390	488	1,174	10,279	(120,851)	(8,223)												
	791+00	806+00	2,670	6,954	524	492	9,136	3,193	6,462	8,078	1,015	(5,899)	(126,750)	4,719												
	806+00	821+00	2,530	7,245	551	548	9,891	3,081	6,697	8,371	1,099	(6,389)	(133,139)	5,111												
	821+00	836+00	4,118	6,143	637	463	9,896	4,755	5,680	7,100	1,100	(3,444)	(136,584)	2,756												
	836+00	851+00	4,055	8,177	643	547	10,710	4,698	7,630	9,538	1,190	(6,030)	(142,614)	4,824												
	851+00	866+00	875	11,007	255	763	9,159	1,130	10,244	12,805	1,018	(12,693)	(155,307)	10,154												
	866+00	881+00	1,909	7,988	483	609	9,821	2,392	7,380	9,224	1,091	(7,924)	(163,231)	6,339												
	881+00	896+00	2,146	9,048	545	605	10,355	2,692	8,443	10,553	1,151	(9,012)	(172,243)	7,210												
	896+00	911+00	687	15,932	232	766	8,989	919	15,166	18,957	999	(19,037)	(191,280)	15,230												
	911+00	926+00	1,757	9,389	380	754	10,205	2,137	8,635	10,794	1,134	(9,791)	(201,071)	7,833												
	926+00	941+00	2,127	12,963	415	820	11,115	2,542	12,143	15,178	1,235	(13,871)	(214,943)	11,097												
	941+00	956+00	3,257	5,865	625	516	10,265	3,882	5,349	6,687	1,141	(3,946)	(218,888)	3,156												
	956+00	971+00	2,459	15,154	480	769	11,242	2,940	14,385	17,981	1,249	(16,290)	(235,179)	13,032												
	971+00	983+49	649	0	135	0	1,214	784	0	0	135	649	(234,530)	(519)												
TR 193	15+75	18+50	367	610	94	45	1,250	460	565	706	139	(384)	(234,914)	307												
	22+00	24+75	638	169	116	20	1,226	754	149	186	136	432	(234,482)	(346)												
ACCESS DRIVE 758	10+14	11+00	177	4	0	0	0	177	4	4	0	173	(234,309)	(138)												
TR 185	5+25	8+50	228	103	71	14	765	298	89	111	85	102	(234,207)	(82)												
TR 169/ CH 17	7+50	8+50	191	0	21	0	187	212	0	0	21	191	(234,016)	(153)												
TR 151A	4+00	8+50	230	575	84	58	1,278	314	517	646	142	(475)	(234,491)	380												
SERVICE DRIVE 904	64+00	79+88	799	1,672	0	0	0	799	1,672	2,090	0	(1,291)	(235,781)	1,033												
SUBTOTAL STAGE 2			73,675	250,146	12,278	12,903	226,626	85,953	237,243	296,554	25,181	(235,781)		188,625												
PROJECT TOTALS			183,793	352,253	21,743	16,037	340,018	205,537	336,216	420,270	37,780	(252,513)		202,011												

EARTHWORK NOTES:

A MASS DIAGRAM FOR THE EARTHWORK IS NOT INCLUDED IN THESE PLANS AND WILL NOT BE AVAILABLE TO THE CONTRACTOR UPON REQUEST. THE EARTHWORK SCHEDULE HAS BEEN INCLUDED IN THESE PLANS TO TAKE THE PLACE OF THE NEED FOR A MASS DIAGRAM. THE SCHEDULE GIVES QUANTITIES IN "COLUMN 10" FOR EXCESS EXCAVATION OR BORROW REQUIRED IN EACH SPECIFIED AREA ALONG THE LIMITS OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE REQUIRED HAUL DISTANCES AND QUANTITIES FROM THE INFORMATION SHOWN.

THE QUANTITIES SHOWN IN THE SCHEDULE INCLUDE ALL MAINLINE, SIDEROAD, AND ENTRANCE QUANTITIES IN EACH SPECIFIED AREA.

ALL TOPSOIL NECESSARY FOR PLACEMENT ON THIS PROJECT SHALL BE TAKEN FROM AREAS WITHIN THE CONSTRUCTION LIMITS, AND ADDITIONAL QUANTITIES FOR FURNISHED EXCAVATION ARE INCLUDED TO REPLACE THIS MATERIAL LOSS. TOPSOIL EXCAVATION AND PLACEMENT WILL BE MEASURED FOR PAYMENT.

QUANTITIES FOR THE DEGRADING OF EXISTING CONDITIONS HAVE BEEN INCLUDED IN THE APPROXIMATE STATION RANGE WHERE SUCH DEGRADING TAK

PIPE UNDERDRAINS 4" SCHEDULE

LEFT OUTSIDE EDGE OF PAVEMENT										
PIPE UNDERDRAINS 4"					PIPE UNDERDRAINS 4" (SPECIAL)			CONNECT TO	CONCRETE HEADWALL	PREFORMED PLASTIC TYPE B, 5"
BEGIN STATION	END STATION	LENGTH FOOT	OUTLET STATION	LENGTH FOOT	STATION	ELEVATION	FOOT	STR. NO.	EACH	FOOT
734+78.3	627.57	739+75.0	625.19	496.7	739+75.0	624.76	21.6		1	2.0
739+75.0	625.19	741+01.6	625.70	126.6	739+75.0	624.76	21.6		1	
743+10.4	624.83	749+00.4	622.47	590.0	749+00.4	622.05	21.2		1	2.0
778+00.0	619.55	781+00.0	618.35	300.0	781+00.0	617.81	26.9		1	2.0
781+00.0	618.35	785+23.0	620.52	423.0	781+00.0	617.81	26.9		1	
785+23.0	620.52	787+10.5	619.77	187.5	787+10.5	619.33	22.0		1	2.0
787+10.5	619.77	790+23.0	621.02	312.5	787+10.5	619.33	22.0		1	
790+23.0	621.02	792+10.5	620.27	187.5	792+10.5	619.83	22.0		1	2.0
792+10.5	620.27	794+80.3	621.48	269.8	792+10.5	619.83	22.0		1	
796+80.6	621.44	798+50.0	620.59	169.4	798+50.0	620.24	17.3		1	2.0
798+50.0	620.59	802+75.0	622.28	425.0	798+50.0	620.24	17.3		1	
802+75.0	622.28	804+62.0	621.52	187.0	804+62.0	621.08	22.0		1	2.0
804+62.0	621.52	807+75.0	622.78	313.0	804+62.0	621.08	22.0		1	
807+75.0	622.78	809+62.0	622.02	187.0	809+62.0	621.58	22.0		1	2.0
809+62.0	622.02	812+75.0	623.28	313.0	809+62.0	621.58	22.0		1	
812+75.0	623.28	814+62.0	622.52	187.0	814+62.0	622.08	22.0		1	2.0
814+62.0	622.52	817+75.0	623.78	313.0	814+62.0	622.08	22.0		1	
817+75.0	623.78	819+62.0	623.02	187.0	819+62.0	622.58	22.0		1	2.0
819+62.0	623.02	822+75.0	624.28	313.0	819+62.0	622.58	22.0		1	
822+75.0	624.28	824+62.0	623.52	187.0	824+62.0	623.08	22.0		1	2.0
824+62.0	623.52	827+75.0	624.78	313.0	824+62.0	623.08	22.0		1	
827+75.0	624.78	829+62.0	624.02	187.0	829+62.0	623.58	22.0		1	2.0
829+62.0	624.02	832+75.0	625.28	313.0	829+62.0	623.58	22.0		1	
832+75.0	625.28	834+75.0	624.45	200.0	834+75.0	624.00	22.6		1	2.0
834+75.0	624.45	838+50.0	625.95	375.0	834+75.0	624.00	22.6		1	
838+50.0	625.95	840+00.0	625.33	150.0	840+00.0	624.90	21.3		1	2.0
840+00.0	625.33	843+85.0	626.87	385.0	840+00.0	624.90	21.3		1	
843+85.0	626.87	845+44.0	626.24	159.0	845+44.0	625.80	22.0		1	2.0
845+44.0	626.24	848+76.6	627.57	332.6	845+44.0	625.80	22.0		1	
850+76.9	627.57	852+00.0	626.18	123.1	852+00.0	625.84	17.2		1	2.0
852+00.0	626.18	854+20.0	627.06	220.0	852+00.0	625.84	17.2		1	
854+20.0	627.06	857+95.0	625.56	375.0	857+95.0	625.12	22.0		1	2.0
857+95.0	625.56	859+20.0	626.26	125.0	857+95.0	625.12	22.0		1	
859+20.0	626.26	864+20.0	623.53	500.0	864+20.0			26		
864+20.0	623.53	869+20.0	625.53	500.0	864+20.0			26		
869+20.0	625.53	871+07.0	624.77	187.0	871+07.0	624.33	22.0		1	2.0
871+07.0	624.77	874+20.0	626.02	313.0	871+07.0	624.33	22.0		1	
874+20.0	626.02	876+07.0	625.27	187.0	876+07.0	624.83	22.0		1	2.0
876+07.0	625.27	879+20.0	626.52	313.0	876+07.0	624.83	22.0		1	
879+20.0	626.52	881+00.0	625.41	180.0	881+00.0	624.93	24.2		1	2.0
881+00.0	625.41	884+20.0	626.69	320.0	881+00.0	624.93	24.2		1	
884+20.0	626.69	887+70.0	625.29	350.0	887+70.0	624.85	22.0		1	2.0
887+70.0	625.29	889+20.0	625.91	150.0	887+70.0	624.85	22.0		1	
889+20.0	625.91	893+60.0	624.17	440.0	893+60.0	623.78	19.4		1	2.0
893+60.0	624.17	894+20.0	624.58	60.0	893+60.0	623.78	19.4		1	
894+20.0	624.58	899+20.0	622.57	500.0	899+20.0	622.15	21.0		1	2.0
899+20.0	622.57	902+84.7	621.12	364.7	902+84.7	620.61	25.4		1	
902+84.7	621.12	909+85.0	619.87	500.0	909+85.0	619.46	20.4		1	2.0
909+85.0	619.87	914+50.0	618.00	465.0	914+50.0	617.42	29.2		1	
914+50.0	618.00	918+75.0	619.69	425.0	914+50.0	617.42	29.2		1	
918+75.0	619.69	921+50.0	618.60	275.0	921+50.0	618.09	25.3		1	2.0
921+50.0	618.60	926+50.0	621.51	500.0	921+50.0	618.09	25.3		1	
926+50.0	621.51	928+50.0	620.70	200.0	928+50.0	620.22	24.0		1	2.0
928+50.0	620.70	932+15.0	622.15	365.0	928+50.0	620.22	24.0		1	
932+15.0	622.15	935+90.0	620.65	375.0	935+90.0	620.20	22.3		1	2.0
935+90.0	620.65	937+50.0	621.32	160.0	935+90.0	620.20	22.3		1	
937+50.0	621.32	941+25.0	619.82	375.0	941+25.0	619.41	20.7		1	2.0
941+25.0	619.82	942+50.0	620.32	125.0	941+25.0	619.41	20.7		1	
942+50.0	620.32	946+25.0	618.82	375.0	946+25.0	618.41	20.7		1	2.0
946+25.0	618.82	947+50.0	619.32	125.0	946+25.0	618.41	20.7		1	
947+50.0	619.32	951+25.0	617.81	375.0	951+25.0	617.38	21.6		1	2.0
951+25.0	617.81	953+00.0	618.51	175.0	951+25.0	617.38	21.6		1	
953+00.0	618.51	956+00.0	617.17	300.0	956+00.0	616.70	23.5		1	2.0
956+00.0	617.17	958+83.0	618.30	283.0	956+00.0	616.70	23.5		1	
958+83.0	618.30	962+25.0	616.82	342.0	962+25.0	616.33	24.5		1	2.0
962+25.0	616.82	965+08.0	617.94	283.0	962+25.0	616.33	24.5		1	
965+08.0	617.94	969+00.0	616.38	392.0	969+00.0	615.96	21.0		1	2.0
969+00.0	616.38	970+03.8	616.96	103.8	969+00.0	615.96	21.0		1	
SUBTOTAL LEFT OUTSIDE EDGE				19,816.3	1,466.6				66	70.0

PIPE UNDERDRAINS 4" SCHEDULE

RIGHT OUTSIDE EDGE OF PAVEMENT										
PIPE UNDERDRAINS 4"					PIPE UNDERDRAINS 4" (SPECIAL)			CONNECT TO	CONCRETE HEADWALL	PREFORMED PLASTIC TYPE B, 5"
BEGIN STATION	END STATION	LENGTH FOOT	OUTLET STATION	LENGTH FOOT	STATION	ELEVATION	FOOT	STR. NO.	EACH	FOOT
734+78.3	627.57	739+75.0	625.19	496.7	739+75.0	624.86	16.4		1	2.0
739+75.0	625.19	740+68.3	625.56	93.3	739+75.0	624.86	16.4		1	
742+77.1	625.17	749+00.4	622.70	623.3	749+00.4	622.31	19.6		1	2.0
775+00.0	618.13	779+00.0	619.72	400.0	775+00.0	617.70	21.5		1	2.0
779+00.0	619.72	781+00.0	618.82	200.0	781+00.0	618.35	23.7		1	2.0
781+00.0	618.82	785+23.0	620.52	423.0	781+00.0	618.35	23.7		1	
785+23.0	620.52	787+10.5	619.71	187.5	787+10.5	619.26	22.4		1	2.0
787+10.5	619.71	790+23.0	620.97	312.5	787+10.5	619.26	22.4		1	
790+23.0	620.97	792+10.5	619.97	187.5	792+10.5	619.63	17.2		1	2.0
792+10.5	619.97	795+42.4	621.30	331.9	792+10.5	619.63	17.2		1	
797+42.7	621.74	798+50.0	620.58	107.3	798+50.0	620.10	24.2		1	2.0
798+50.0	620.58	802+75.0	622.28	425.0	798+50.0	620.10	24.2		1	
802+75.0	622.28	804+62.0	621.52	187.0	804+62.0	621.08	22.0		1	2.0
804+62.0	621.52	807+75.0	622.78	313.0	804+62.0	621.08	22.0		1	
807+75.0	622.78	809+62.0	622.02	187.0	809+62.0	621.58	22.0		1	2.0
809+62.0	622.02	812+75.0	623.28	313.0	809+62.0	621.58	22.0		1	
812+75.0	623.28	814+62.0	622.52	187.0	814+62.0	622.08	22.0		1	2.0
814+62.0	622.52	817+75.0	623.78	313.0	814+62.0	622.08	22.0		1	
817+75.0	623.78	819+62.0	623.02	187.0	819+62.0	622.58	22.0		1	2.0
819+62.0	623.02	822+75.0	624.28	313.0	819+62.0	622.58	22.0		1	
822+75.0	624.28	824+62.0	623.52	187.0	824+62.0	623.08	22.0		1	2.0
824+62.0	623.52	827+75.0	624.78	313.0	824+62.0	623.08	22.0		1	
827+75.0	624.78	829+62.0	624.02	187.0	829+62.0	623.58	22.0		1	2.0
829+62.0	624.02	832+75.0	625.28	313.0	829+62.0	623.58	22.0		1	
832+75.0	625.28	834+75.0	624.45	200.0	834+75.0	624.00	22.6		1	2.0
834+75.0	624.45	838+50.0	625.95	375.0	834+75.0	624.00	22.6		1	
838+50.0	625.95	840+00.0	625.31	150.0	840+00.0	624.88	21.5		1	2.0
840+00.0	625.31	843+85.0	626.86	385.0	840+00.0	624.88	21.5		1	
843+85.0	626.86	845+44.0	625.77	159.0	845+44.0	625.39	18.9		1	2.0
845+44.0	625.77	849+38.1	627.35	394.1	845+44.0	625.39	18.9		1	
851+38.4	626.11	854+20.0	627.25	281.6	851+38.4	625.60	25.4		1	2.0
854+20.0	627.25	857+95.0	625.76	375.0	857+95.0	625.35	20.7		1	
857+95.0	625.76	859+20.0	626.26	125.0	857+95.0	625.35	20.7		1	2.0
859+20.0	626.26	864+20.0	623.53	500.0	864+20.0	623.53		26		
864+20.0	623.53	869+20.0	625.53	500.0	864+20.0	623.53		26		
869+20.0	625.53	871+07.0	624.77	187.0	871+07.0	624.33	22.0		1	2.0
871+07.0	624.77	874+20.0	626.02							

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL STRIPING / DELINEATOR SCHEDULE

LOCATION	POLYUREA PAVEMENT MARKING TYPE I							PREFORMED PLASTIC TYPE B	RAISED REFLECTIVE PAVEMENT MARKER	DELINEATORS		
	LETTERS & SYMBOLS	LINE 5"		LINE 6"	LINE 12"	LINE 24"	LINE 5"			SINGLE	DOUBLE	DOUBLE
		WHITE SOLID	YELLOW SOLID	WHITE SOLID	YELLOW SOLID	WHITE SOLID	WHITE SKIP			1 WAY CRYSTAL	WHITE	WHITE
		SQ FT			FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH
FAP 322	778+00.0 to 788+00.0	LT	1000.0	1000.1		286.0				3		
	783+60.0 to 796+11.5	RT	124.8	1182.6	1209.4	610.0		312.9	32	1	6	6
	788+00.0 to 796+11.5	LT		750.9	782.9			202.9	11	2		
	796+11.5 to 850+07.8	LT	124.8	5266.9	5326.1	610.0		1349.1	84	12	6	6
		RT	124.8	5266.0	5323.7	610.0		1349.1	84	12	6	6
	850+07.8 to 904+14.8	LT	124.8	5278.7	5334.8	610.0		1351.8	84	12	6	6
		RT	124.8	5275.1	5333.6	610.0		1351.8	84	12	6	6
	904+14.8 to 974+20.0	LT	124.8	6935.3	6963.7	610.0		1751.3	104	16	6	6
	904+14.8 to 971+90.0	RT		6717.5	6748.3			1821.3	85	17		
	971+90.0 to 977+09.0	RT										
978+83.0 to 983+49.0	LT		466.0									
989+50.0 to 999+50.0	LT						250.0	13				
EX US 51	630+50.0 to 635+51.6	LT	351.6							1		
		☐		1003.2								
		RT	351.6							1		
SB TRANSITION	99+40.7 to 107+68.8	LT	828.1									
NB TRANSITION	300+00.0 to 313+89.6	LT		828.1			670.0			2		
		☐		1389.6								
		RT	1389.6							5		
TR 185	7+92.0 to 10+00.0	LT	188.3									
		☐		253.2								
		RT	154.3				26.0					
	10+00.0 to 12+04.5	LT	150.6				28.0					
		☐		248.6								
		RT	185.0									
TR 169 / CH 17	7+95.6 to 10+00.0	LT	185.0									
		☐		248.4								
		RT	150.6				28.0					
	10+00.0 to 12+04.8	LT	151.1				28.0					
		☐		249.4								
		RT	185.3									
TR 151A	7+94.9 to 10+00.0	LT	185.6									
		☐		250.0								
		RT	151.5				28.0					
	10+00.0 to 12+06.1	LT	153.0				27.0					
		☐		252.4								
		RT	186.5									
SUB-TOTALS:		748.8	43,606	42,745	3,660	956	165	9,740	581	96	36	36
TOTALS:		748.8	86,351		3,660	956	165	9,740*	581		168	

* - SEE PIPE UNDERDRAIN SCHEDULE FOR ADDITIONAL QUANTITIES

LIGHTING SCHEDULE

PAY ITEM	UNIT	TRANSITION / TR 185 INTERSECTION	TR 169 / CH 17 INTERSECTION	TR 151A INTERSECTION	PROJECT TOTAL
ELECTRIC SERVICE INSTALLATION	EACH	1	1	1	3
WOOD LIGHTING POLE, 50 FOOT, CLASS 3	EACH	8			8
CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	160	160	160	480
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1588	1171	1171	3,930
UNIT DUCT, 2*8XLP, 1*8 XLP GROUND 3/4" POLYETHYLENE	FOOT	715	1375	1375	3,465
UNIT DUCT, 2*6XLP, 1*6 XLP GROUND 1" POLYETHYLENE	FOOT	1080			1,080
AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE	FOOT	1190			1,190
LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	18	10	10	38
LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1	1	1	3
LIGHT POLE, STEEL, 45 FT. M.H., TENON MOUNT	EACH	6	6	6	18
LIGHT POLE, STEEL, 45 FT. M.H., TENON MOUNT - TWIN	EACH	2	2	2	6
LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	6	6	6	18
LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8'	EACH	2	2	2	6
BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	32	32	32	96

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 STRIPING & LIGHTING
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE 3/17/05

DRAWN BY SEB
 CHECKED BY EBB

3/29/2005

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SIGNAGE SCHEDULE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ROUTE	STATION	LANE	SIDE	FACING	SIGN # MUTCD	SIZE IN X IN		SIGN PANEL			MESSAGE	# OF POSTS	TELESCOPING STEEL SIGN SUPPORT FOOT	WOOD SIGN SUPPORT FOOT
						W	H	TYPE 1	TYPE 2 SQ FT	TYPE 3 SQ FT				
FAP 322	786+00	NB	OUTSIDE	SOUTH	W2-1	36	36		9.0			1	18.0	
			MEDIAN	SOUTH	W2-1	36	36		9.0			1	18.0	
	788+03	NB	MEDIAN	SOUTH	R3-1100L	24	24		4.0			1	18.1	
					M6-2L	21	15		2.2					
	788+52	NB	OUTSIDE	SOUTH	R3-1100R	24	24		4.0			1	18.1	
					M6-2R	21	15		2.2					
	792+10	NB	OUTSIDE	NORTH	R5-1a	36	24		6.0			1	15.8	
				MEDIAN	NORTH	R5-1a	36	24		6.0			1	15.8
	795+20	NB	OUTSIDE	NORTH	R5-1	36	36		9.0			1	16.8	
				MEDIAN	NORTH	R5-1	36	36		9.0			1	16.8
	795+55		MEDIAN	WEST	R6-1L	36	12		3.0			1	17.4	
					R1-2	36			3.9					
					R6-1R	36	12		3.0					
	796+65		MEDIAN	EAST	R6-1L	36	12		3.0			1	17.4	
					R1-2	36			3.9					
					R6-1R	36	12		3.0					
	797+00	SB	OUTSIDE	SOUTH	R5-1	36	36		9.0			1	16.8	
				MEDIAN	SOUTH	R5-1	36	36		9.0			1	16.8
	799+00	SB	OUTSIDE	NORTH	R2-1	48	60			20.0		1		17.8
				MEDIAN	NORTH	R2-1	48	60			20.0		1	
	799+00	NB	OUTSIDE	SOUTH	R2-1	48	60			20.0		1		17.8
	799+75	SB	OUTSIDE	SOUTH	R5-1a	36	24		6.0			1	15.8	
				MEDIAN	SOUTH	R5-1a	36	24		6.0			1	15.8
	801+75	SB	OUTSIDE	NORTH	W4-2L	48	48			16.0		2	39.0	
				MEDIAN	NORTH	W4-2L	48	48			16.0		2	39.0
	803+00	NB	OUTSIDE	SOUTH	R2-1104	48	96				32.0	1		20.8
	803+71	SB	OUTSIDE	NORTH	R3-1100R	24	24		4.0			1	18.1	
					M6-2R	21	15		2.2					
	804+20	SB	MEDIAN	NORTH	R3-1100L	24	24		4.0			1	18.1	
					M6-2L	21	15		2.2					
	806+50	SB	OUTSIDE	NORTH	W10-2	36	36		9.0			1	18.0	
				MEDIAN	NORTH	W10-2	36	36		9.0			1	18.0
	810+50	SB	OUTSIDE	NORTH	W9-2R	48	48			16.0		2	39.0	
MEDIAN				NORTH	W9-2R	48	48			16.0		2	39.0	
814+00	SB	OUTSIDE	NORTH	R2-5a	48	60			20.0		1		21.3	
				R2-1101	24	24		4.0						
				MEDIAN	NORTH	R2-5a	48	60			20.0		1	
828+00		MEDIAN	EAST	R6-1R	36	12		3.0			1	14.8		
840+00	NB	OUTSIDE	SOUTH	W2-1	36	36		9.0			1	18.0		
			MEDIAN	SOUTH	W2-1	36	36		9.0			1	18.0	
842+00	NB	MEDIAN	SOUTH	R3-1100L	24	24		4.0			1	18.1		
				M6-2L	21	15		2.2						
842+48	NB	OUTSIDE	SOUTH	R3-1100R	24	24		4.0			1	18.1		
				M6-2R	21	15		2.2						
864+20	NB	OUTSIDE	NORTH	R5-1a	36	24		6.0			1	15.8		
			MEDIAN	NORTH	R5-1a	36	24		6.0			1	15.8	
849+00	NB	OUTSIDE	NORTH	R5-1	36	36		9.0			1	16.8		
			MEDIAN	NORTH	R5-1	36	36		9.0			1	16.8	
849+52		MEDIAN	WEST	R6-1L	36	12		3.0			1	17.4		
				R1-2	36			3.9						
				R6-1R	36	12		3.0						
850+62		MEDIAN	EAST	R6-1L	36	12		3.0			1	17.4		
				R1-2	36			3.9						
				R6-1R	36	12		3.0						
851+00	SB	OUTSIDE	SOUTH	R5-1	36	36		9.0			1	16.8		
			MEDIAN	SOUTH	R5-1	36	36		9.0			1	16.8	
853+70	SB	OUTSIDE	SOUTH	R5-1a	36	24		6.0			1	15.8		
			MEDIAN	SOUTH	R5-1a	36	24		6.0			1	15.8	
857+67	SB	OUTSIDE	NORTH	R3-1100R	24	24		4.0			1	18.1		
				M6-2R	21	15		2.2						
858+16	SB	MEDIAN	NORTH	R3-1100L	24	24		4.0			1	18.1		
				M6-2L	21	15		2.2						
860+25	SB	OUTSIDE	NORTH	W10-2	36	36		9.0			1	18.0		
			MEDIAN	NORTH	W10-2	36	36		9.0			1	18.0	
866+75		MEDIAN	EAST	R6-1R	36	12		3.0			1	14.8		
890+33		MEDIAN	EAST	R6-1R	36	12		3.0			1	14.8		

CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 SIGNAGE
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE DRAWN BY SEB
 DATE 3/17/05 CHECKED BY EBB

3/17/2005

SIGNAGE SCHEDULE CONTINUED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ROUTE	STATION	LANE	SIDE	FACING	SIGN # MUTCD	SIZE IN X IN		SIGN PANEL			MESSAGE	* OF POSTS	TELESCOPING	WOOD SIGN
						W	H	TYPE 1	TYPE 2	TYPE 3			SUPPORT FOOT	SUPPORT FOOT
									SQ FT	SQ FT				
FAP 322	894+25	NB	OUTSIDE	SOUTH	W2-1	36	36	9.0			SIDE ROAD SYMBOL	1	18.0	
			MEDIAN	SOUTH	W2-1	36	36	9.0			SIDE ROAD SYMBOL	1	18.0	
	896+07	NB	MEDIAN	SOUTH	R3-1100L	24	24	4.0			LEFT TURN LANE	1	18.1	
					M6-2L	21	15	2.2			ARROW LT			
	896+53	NB	OUTSIDE	SOUTH	R3-1100R	24	24	4.0			RIGHT TURN LANE	1	18.1	
					M6-2R	21	15	2.2			ARROW RT			
	900+25	NB	OUTSIDE	NORTH	R5-1a	36	24	6.0			WRONG WAY	1	15.8	
			MEDIAN	NORTH	R5-1a	36	24	6.0			WRONG WAY	1	15.8	
	903+25	NB	OUTSIDE	NORTH	R5-1	36	36	9.0			DO NOT ENTER	1	16.8	
			MEDIAN	NORTH	R5-1	36	36	9.0			DO NOT ENTER	1	16.8	
	903+61		MEDIAN	WEST	R6-1L	36	12	3.0			ONE WAY LT	1	17.4	
					R1-2	36		3.9		YIELD				
					R6-1R	36	12	3.0		ONE WAY RT				
	904+71		MEDIAN	EAST	R6-1L	36	12	3.0			ONE WAY LT	1	17.4	
					R1-2	36		3.9		YIELD				
					R6-1R	36	12	3.0		ONE WAY RT				
	905+00	SB	OUTSIDE	SOUTH	R5-1	36	36	9.0			DO NOT ENTER	1	16.8	
			MEDIAN	SOUTH	R5-1	36	36	9.0			DO NOT ENTER	1	16.8	
	908+00	SB	OUTSIDE	SOUTH	R5-1a	36	24	6.0			WRONG WAY	1	15.8	
			MEDIAN	SOUTH	R5-1a	36	24	6.0			WRONG WAY	1	15.8	
911+75	SB	OUTSIDE	NORTH	R3-1100R	24	24	4.0			RIGHT TURN LANE	1	18.1		
				M6-2R	21	15	2.2		ARROW RT					
				R3-1100L	24	24	4.0		LEFT TURN LANE					
912+21	SB	MEDIAN	NORTH	R3-1100L	24	24	4.0			LEFT TURN LANE	1	18.1		
				M6-2L	21	15	2.2		ARROW LT					
914+25	SB	OUTSIDE	NORTH	W10-2	36	36	9.0			SIDE ROAD W/ RR RT SYMBOL	1	18.0		
		MEDIAN	NORTH	W10-2	36	36	9.0			SIDE ROAD W/ RR RT SYMBOL	1	18.0		
918+00		MEDIAN	EAST	R6-1R	36	12	3.0			ONE WAY RT	1	14.8		
955+00		MEDIAN	EAST	R6-1R	36	12	3.0			ONE WAY RT	1	14.8		
976+00	SB	OUTSIDE	NORTH	R2-1104	48	96			32.0	SPEED LIMIT TRUCKS OVER 3/8	1		20.8	
980+00	SB	OUTSIDE	NORTH	R2-1	48	60		20.0		SPEED LIMIT 65	1		17.8	
EX US 51	630+00		RT	SOUTH	W6-1	36	36	9.0			DIVIDED HIGHWAY SYMBOL	1	18.0	
SB TRANSITION	103+00		RT	SOUTH	R4-7	36	48		12.0		KEEP RIGHT SYMBOL	1	17.8	
	105+75		RT	NORTH	W6-3	36	36	9.0			TWO-WAY TRAFFIC SYMBOL	1	18.0	
			LT	NORTH	W6-3	36	36	9.0			TWO-WAY TRAFFIC SYMBOL	1	18.0	
NB TRANSITION	303+00 TO 311+00		LT	SOUTH	W1-8	24	30	9 x 5.0			CHEVRON	9	9 x 16.3	
TR 185	5+00		RT	WEST	W10-1	36		7.1			RAIL GRADE CROSSING SYMBOL	1	16.8	
	9+10		LT	EAST	W10-1	36		7.1			RAIL GRADE CROSSING SYMBOL	1	16.8	
	9+10		RT	EAST	R6-1L	36	12	3.0			ONE WAY LT	2	38.6	
				WEST	R6-1R	36	12	3.0		ONE WAY RT				
				WEST	R1-1	36	36	9.0		STOP				
	10+90		LT	WEST	R6-3a	24	18	3.0			DIVIDED HIGHWAY	2	38.6	
				WEST	R6-1L	36	12	3.0		ONE WAY LT				
				EAST	R6-1R	36	12	3.0		ONE WAY RT				
				EAST	R1-1	36	36	9.0		STOP				
	TR 169 / CH 17	5+00		RT	WEST	W10-1	36		7.1			RAIL GRADE CROSSING SYMBOL	1	16.8
9+10			LT	EAST	W10-1	36		7.1			RAIL GRADE CROSSING SYMBOL	1	16.8	
9+10			RT	EAST	R6-1L	36	12	3.0			ONE WAY LT	2	38.6	
				WEST	R6-1R	36	12	3.0		ONE WAY RT				
				WEST	R1-1	36	36	9.0		STOP				
10+90		LT	WEST	R6-3a	24	18	3.0			DIVIDED HIGHWAY	2	38.6		
			WEST	R6-1L	36	12	3.0		ONE WAY LT					
			EAST	R6-1R	36	12	3.0		ONE WAY RT					
			EAST	R1-1	36	36	9.0		STOP					
TR 151A	5+00		RT	WEST	W10-1	36		7.1			RAIL GRADE CROSSING SYMBOL	1	16.8	
	9+10		LT	EAST	W10-1	36		7.1			RAIL GRADE CROSSING SYMBOL	1	16.8	
	9+10		RT	EAST	R6-1L	36	12	3.0			ONE WAY LT	2	38.6	
				WEST	R6-1R	36	12	3.0		ONE WAY RT				
				WEST	R1-1	36	36	9.0		STOP				
	10+90		LT	WEST	R6-3a	24	18	3.0			DIVIDED HIGHWAY	2	38.6	
				WEST	R6-1L	36	12	3.0		ONE WAY LT				
				EAST	R6-1R	36	12	3.0		ONE WAY RT				
EAST				R1-1	36	36	9.0		STOP					
SERVICE DR 904	79+80		RT	SOUTH	R1-1	36	36	9.0			STOP	1	16.8	
TOTALS:							676.4	196.0	64.0				1,726.5	155.4

PERMANENT BARRICADES

LOCATION	NUMBER
FE STA 714+45	8
FE STA 723+00	8
FE STA 772+04	4
TR 193 INTERSECTION	28
ACCESS DRIVE 758	8
TOTALS:	56

RELOCATE SIGN PANEL - TYPE 1

LOCATION	SIGN	SQ FT
TR 185	R1-1 "STOP" 36"x36"	9.0
TR 169 / CH 17	R1-1 "STOP" 36"x36"	9.0
TOTALS:		18.0

REVISIONS	
NAME	DATE
CHEVRONS - SEB	4/1/05

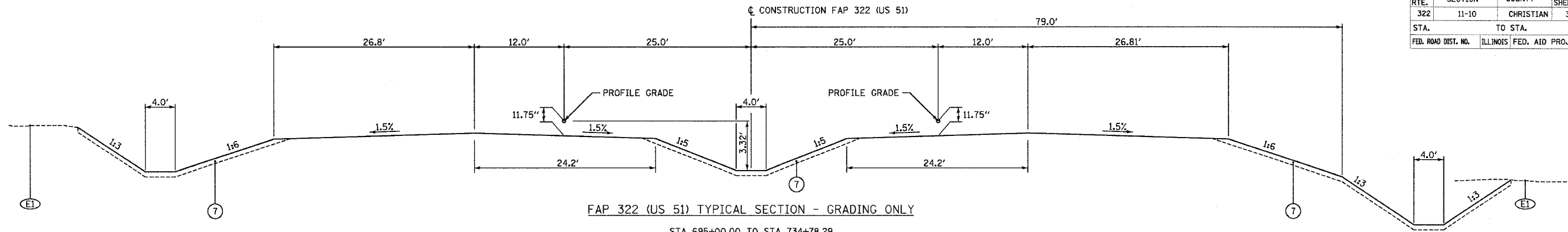
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 SIGNAGE
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE 3/17/05
 DRAWN BY SEB
 CHECKED BY EBB

4/1/2005

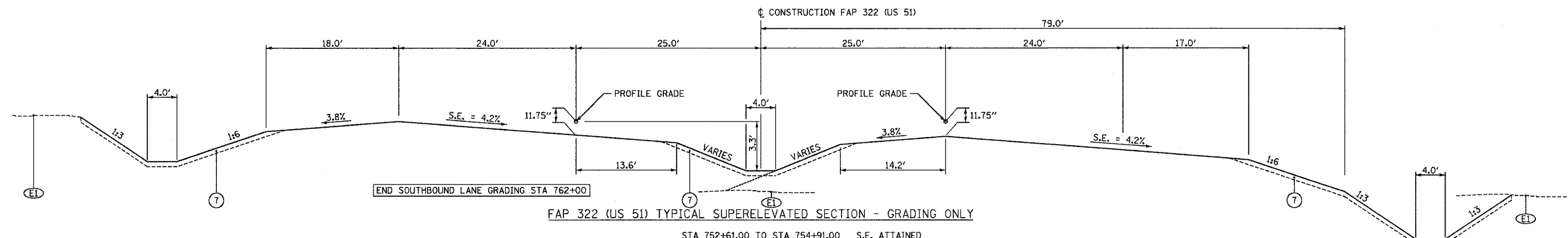
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	25
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



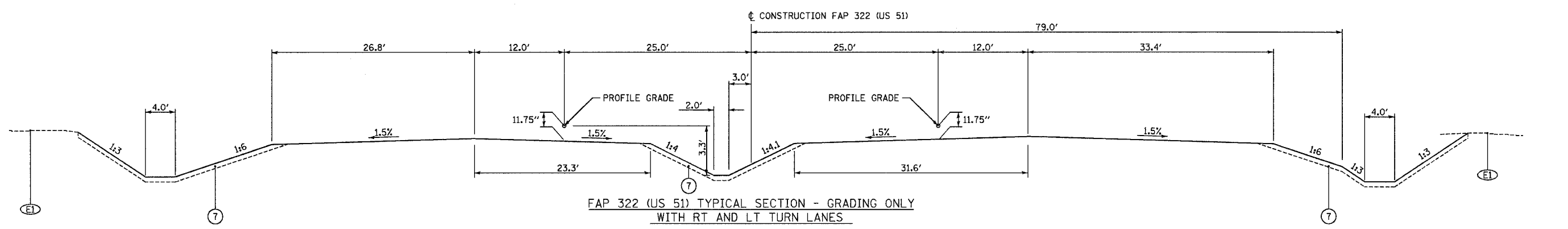
FAP 322 (US 51) TYPICAL SECTION - GRADING ONLY

STA 695+00.00 TO STA 734+78.29
 STA 749+00.36 TO STA 752+61.00
 STA 773+47.00 TO STA 775+00.00



FAP 322 (US 51) TYPICAL SUPERELEVATED SECTION - GRADING ONLY

STA 752+61.00 TO STA 754+91.00 S.E. ATTAINED
 STA 754+91.00 TO STA 771+17.00 S.E. = 4.2%
 STA 771+17.00 TO STA 773+47.00 S.E. REMOVED



FAP 322 (US 51) TYPICAL SECTION - GRADING ONLY WITH RT AND LT TURN LANES

LEGEND

- | | | |
|---|---|---|
| (E1) EXISTING GROUND | (1) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 13 3/4" [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 11 3/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"] | (9) AGGREGATE BASE COURSE, TYPE A, 10" |
| (E2) EXISTING BITUMINOUS SURFACE, 1 1/2" | (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 9 1/4" [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 7 1/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"] | (10) BITUMINOUS SURFACE TREATMENT CLASS A-3 |
| (E3) EXISTING BITUMINOUS SURFACE, VARIES 3" - 6" | (3c) BITUMINOUS SHOULDERS SUPERPAVE, 8" | (11) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2" |
| (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT | (4) AGGREGATE SHOULDERS, TYPE B | (12) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 11 3/4" (WHEN WIDTH < 6') |
| (E5) EXISTING PCC BASE COURSE WIDENING, 9" | (5) SUB-BASE GRANULAR MATERIAL, TYPE C | (13) BITUMINOUS BASE COURSE SUPERPAVE, 11 3/4" (WHEN WIDTH >= 6') |
| (E6) EXISTING BITUMINOUS SHOULDERS, 8" | (6) PROCESSING LIME MODIFIED SOILS, 12" | (14) AGGREGATE SHOULDERS, TYPE B (WEDGE) |
| (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH | (7) TOPSOIL FURNISH AND PLACE, 4" | (15) BITUMINOUS SURFACE REMOVAL, 2" |
| (E8) EXISTING BITUMINOUS SHOULDERS, 7.87" | (8) PIPE UNDERDRAINS, 4" (STD 601001) | (16) AGGREGATE BASE COURSE, TYPE A, 8" |
| (E9) EXISTING PIPE UNDERDRAINS | | (17) AGGREGATE SURFACE COURSE, TYPE A, 6" |
| (E10) EXISTING FULL DEPTH BITUMINOUS PAVEMENT, 14.76" | | (18) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 8 1/2" (WHEN WIDTH < 6') |
| (R1) REMOVE EXISTING BITUMINOUS SHOULDERS | | (19) BITUMINOUS BASE COURSE SUPERPAVE, 8 1/2" (WHEN WIDTH >= 6') |
| (R2) REMOVE EXISTING BITUMINOUS PAVEMENT, 9.8" | | (20) BITUMINOUS SHOULDERS SUPERPAVE, 2" (WITH RUMBLE STRIPS, STD 642001) |
| | | (21) AGGREGATE BASE COURSE, TYPE A, 12" |

NOT TO SCALE

REVISIONS	
NAME	DATE

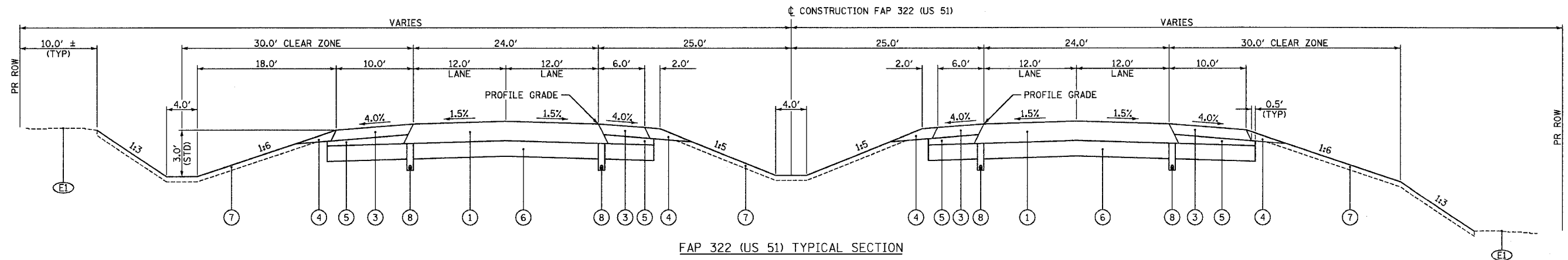
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 1 OF 7
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 3/17/05

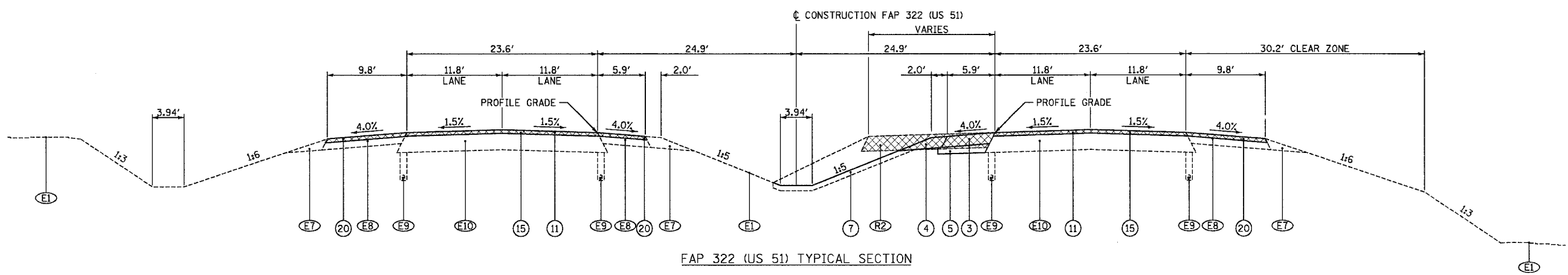
DRAWN BY: SEB
 CHECKED BY: EBB

3/29/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FAP 322 (US 51) TYPICAL SECTION
 STA 734+78.29 TO STA 749+00.36
 STA 775+00.00 TO STA 778+00.00 NORTHBOUND LANES ONLY
 STA 778+00.00 TO STA 963+93.21
 STA 963+93.21 TO STA 970+03.82 SOUTHBOUND LANES ONLY



FAP 322 (US 51) TYPICAL SECTION
 STA 963+93.21 TO STA 970+03.82 NORTHBOUND LANES ONLY
 STA 970+03.82 TO STA 971+90.00
 STA 971+90.00 TO STA 974+20.00 SOUTHBOUND LANES ONLY

LEGEND

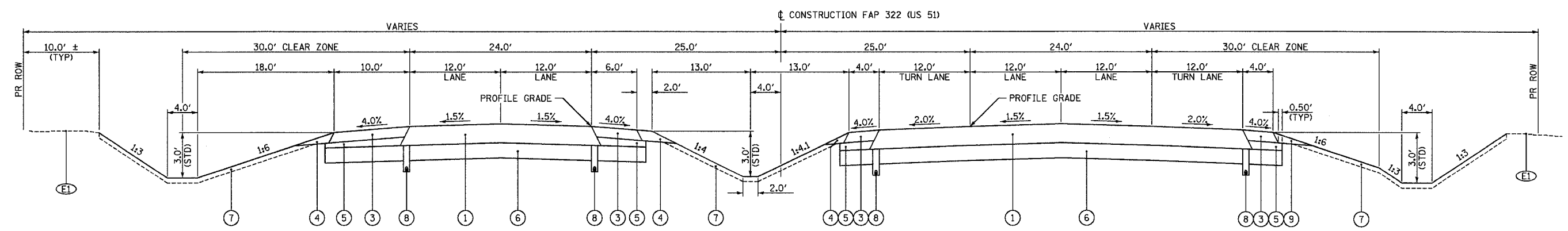
- | | | |
|---|--|---|
| (E1) EXISTING GROUND | (1) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 13 3/4" [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 1 1/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"] | (9) AGGREGATE BASE COURSE, TYPE A, 10" |
| (E2) EXISTING BITUMINOUS SURFACE, 1 1/2" | (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 9 1/4" [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 7 1/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"] | (10) BITUMINOUS SURFACE TREATMENT CLASS A-3 |
| (E3) EXISTING BITUMINOUS SURFACE, VARIES 3" - 6" | (3d) BITUMINOUS SHOULDERS SUPERPAVE, 8" | (11) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2" |
| (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT | (3) BITUMINOUS SHOULDERS SUPERPAVE, 8" (WITH RUMBLE STRIPS, STD 642001) | (12) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 11 3/4" (WHEN WIDTH < 6') |
| (E5) EXISTING PCC BASE COURSE WIDENING, 9" | (4) AGGREGATE SHOULDERS, TYPE B | (13) BITUMINOUS BASE COURSE SUPERPAVE, 11 3/4" (WHEN WIDTH >= 6') |
| (E6) EXISTING BITUMINOUS SHOULDERS, 8" | (5) SUB-BASE GRANULAR MATERIAL, TYPE C | (14) AGGREGATE SHOULDERS, TYPE B (WEDGE) |
| (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH | (6) PROCESSING LIME MODIFIED SOILS, 12" | (15) BITUMINOUS SURFACE REMOVAL, 2" |
| (E8) EXISTING BITUMINOUS SHOULDERS, 7.87" | (7) TOPSOIL FURNISH AND PLACE, 4" | (16) AGGREGATE BASE COURSE, TYPE A, 8" |
| (E9) EXISTING PIPE UNDERDRAINS | (8) PIPE UNDERDRAINS, 4" (STD 601001) | (17) AGGREGATE SURFACE COURSE, TYPE A, 6" |
| (E10) EXISTING FULL DEPTH BITUMINOUS PAVEMENT, 14.76" | | (18) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 8 1/2" (WHEN WIDTH < 6') |
| (R1) REMOVE EXISTING BITUMINOUS SHOULDERS | | (19) BITUMINOUS BASE COURSE SUPERPAVE, 8 1/2" (WHEN WIDTH >= 6') |
| (R2) REMOVE EXISTING BITUMINOUS PAVEMENT, 9.8" | | (20) BITUMINOUS SHOULDERS SUPERPAVE, 2" (WITH RUMBLE STRIPS, STD 642001) |
| | | (21) AGGREGATE BASE COURSE, TYPE A, 12" |

NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 2 OF 7
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY
 SCALE: NONE
 DATE 3/17/05
 DRAWN BY SEB
 CHECKED BY EBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



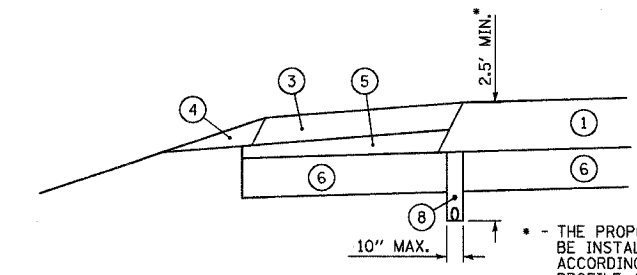
FAP 322 (US 51) TYPICAL SECTION WITH RT AND LT TURN LANES

FAP 322 (US 51)

STRUCTURAL DESIGN TRAFFIC:	Year: 2015
PV = 5248	SU = 190 MU = 512
ROAD/STREET CLASSIFICATION:	Class: 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: Actual TF = 4.27	AC Type = 20
	Minimum TF = 2.45
SUBGRADE SUPPORT RATING:	
SSR = POOR	

SIDE ROADS

STRUCTURAL DESIGN TRAFFIC:	Year: 2015
PV = 2280	SU = 72 MU = 48
ROAD/STREET CLASSIFICATION:	Class: 2
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: Actual TF = 0.50	AC Type = 20
	Minimum TF = 0.24
SUBGRADE SUPPORT RATING:	
SSR = POOR	



PIPE UNDERDRAIN DETAIL

LEGEND

- | | | |
|---|---|---|
| (E1) EXISTING GROUND | (1) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 13 3/4" [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 11 3/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"] | (9) AGGREGATE BASE COURSE, TYPE A, 10" |
| (E2) EXISTING BITUMINOUS SURFACE, 1 1/2" | (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 9 1/4" [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 7 1/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"] | (10) BITUMINOUS SURFACE TREATMENT CLASS A-3 |
| (E3) EXISTING BITUMINOUS SURFACE, VARIES 3" - 6" | (3a) BITUMINOUS SHOULDERS SUPERPAVE, 8" | (11) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2" |
| (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT | (3) BITUMINOUS SHOULDERS SUPERPAVE, 8" (WITH RUMBLE STRIPS, STD 642001) | (12) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 11 3/4" (WHEN WIDTH < 6') |
| (E5) EXISTING PCC BASE COURSE WIDENING, 9" | (4) AGGREGATE SHOULDERS, TYPE B | (13) BITUMINOUS BASE COURSE SUPERPAVE, 11 3/4" (WHEN WIDTH >= 6') |
| (E6) EXISTING BITUMINOUS SHOULDERS, 8" | (5) SUB-BASE GRANULAR MATERIAL, TYPE C | (14) AGGREGATE SHOULDERS, TYPE B (WEDGE) |
| (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH | (6) PROCESSING LIME MODIFIED SOILS, 12" | (15) BITUMINOUS SURFACE REMOVAL, 2" |
| (E8) EXISTING BITUMINOUS SHOULDERS, 7.87" | (7) TOPSOIL FURNISH AND PLACE, 4" | (16) AGGREGATE BASE COURSE, TYPE A, 8" |
| (E9) EXISTING PIPE UNDERDRAINS | (8) PIPE UNDERDRAINS, 4" (STD 601001) | (17) AGGREGATE SURFACE COURSE, TYPE A, 6" |
| (E10) EXISTING FULL DEPTH BITUMINOUS PAVEMENT, 14.76" | | (18) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 8 1/2" (WHEN WIDTH < 6') |
| (R1) REMOVE EXISTING BITUMINOUS SHOULDERS | | (19) BITUMINOUS BASE COURSE SUPERPAVE, 8 1/2" (WHEN WIDTH >= 6') |
| (R2) REMOVE EXISTING BITUMINOUS PAVEMENT, 9.8" | | (20) BITUMINOUS SHOULDERS SUPERPAVE, 2" (WITH RUMBLE STRIPS, STD 642001) |
| | | (21) AGGREGATE BASE COURSE, TYPE A, 12" |

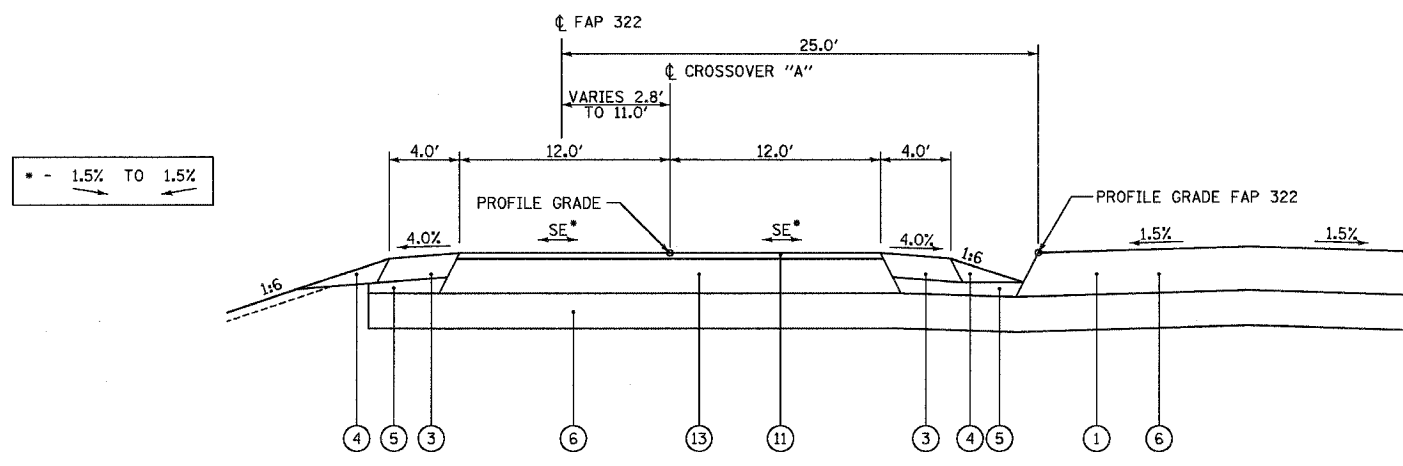
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 3 OF 7
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

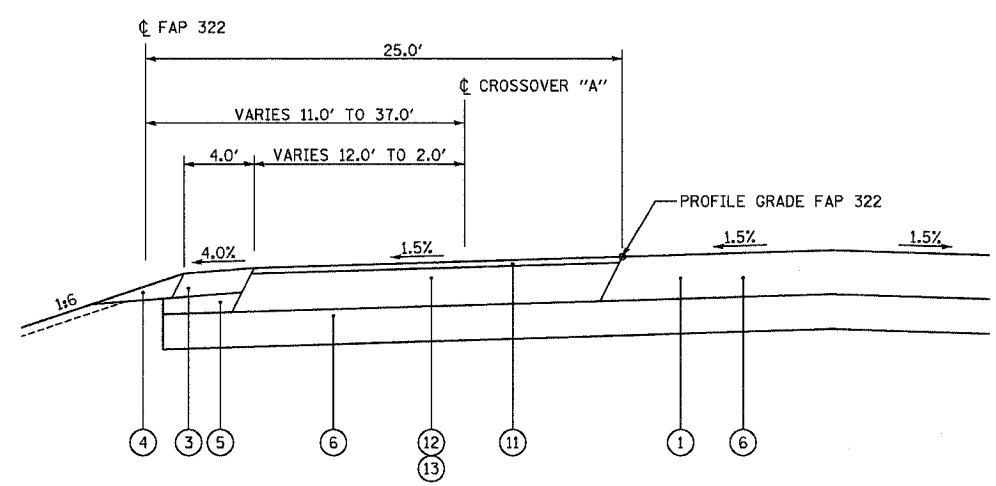
SCALE: NONE
 DATE: 3/17/05
 DRAWN BY: SEB
 CHECKED BY: EBB

3/21/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CROSSOVER "A" TYPICAL SECTION
 STA 206+31.50 TO STA 206+45
 STA 206+45 TO STA 207+25 SE TRANSITION
 STA 207+25 TO STA 207+40.19



CROSSOVER "A" TYPICAL SECTION
 STA 207+40.19 TO STA 213+85.60

LEGEND

- (E1) EXISTING GROUND
- (E2) EXISTING BITUMINOUS SURFACE, 1/2"
- (E3) EXISTING BITUMINOUS SURFACE, VARIES 3" - 6"
- (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT
- (E5) EXISTING PCC BASE COURSE WIDENING, 9"
- (E6) EXISTING BITUMINOUS SHOULDERS, 8"
- (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH
- (E8) EXISTING BITUMINOUS SHOULDERS, 7.87"
- (E9) EXISTING PIPE UNDERDRAINS
- (E10) EXISTING FULL DEPTH BITUMINOUS PAVEMENT, 14.76"
- (R1) REMOVE EXISTING BITUMINOUS SHOULDERS
- (R2) REMOVE EXISTING BITUMINOUS PAVEMENT, 9.8"
- (1) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 13 3/4"
 [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 11 3/4"
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"]
- (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 9 1/4"
 [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 7 1/4"
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"]
- (3g) BITUMINOUS SHOULDERS SUPERPAVE, 8"
- (3) BITUMINOUS SHOULDERS SUPERPAVE, 8" (WITH RUMBLE STRIPS, STD 642001)
- (4) AGGREGATE SHOULDERS, TYPE B
- (5) SUB-BASE GRANULAR MATERIAL, TYPE C
- (6) PROCESSING LIME MODIFIED SOILS, 12"
- (7) TOPSOIL FURNISH AND PLACE, 4"
- (8) PIPE UNDERDRAINS, 4" (STD 601001)
- (9) AGGREGATE BASE COURSE, TYPE A, 10"
- (10) BITUMINOUS SURFACE TREATMENT CLASS A-3
- (11) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"
- (12) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 11 3/4" (WHEN WIDTH < 6')
- (13) BITUMINOUS BASE COURSE SUPERPAVE, 11 3/4" (WHEN WIDTH >= 6')
- (14) AGGREGATE SHOULDERS, TYPE B (WEDGE)
- (15) BITUMINOUS SURFACE REMOVAL, 2"
- (16) AGGREGATE BASE COURSE, TYPE A, 8"
- (17) AGGREGATE SURFACE COURSE, TYPE A, 6"
- (18) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 8 1/2" (WHEN WIDTH < 6')
- (19) BITUMINOUS BASE COURSE SUPERPAVE, 8 1/2" (WHEN WIDTH >= 6')
- (20) BITUMINOUS SHOULDERS SUPERPAVE, 2" (WITH RUMBLE STRIPS, STD 642001)
- (21) AGGREGATE BASE COURSE, TYPE A, 12"

REVISIONS	
NAME	DATE

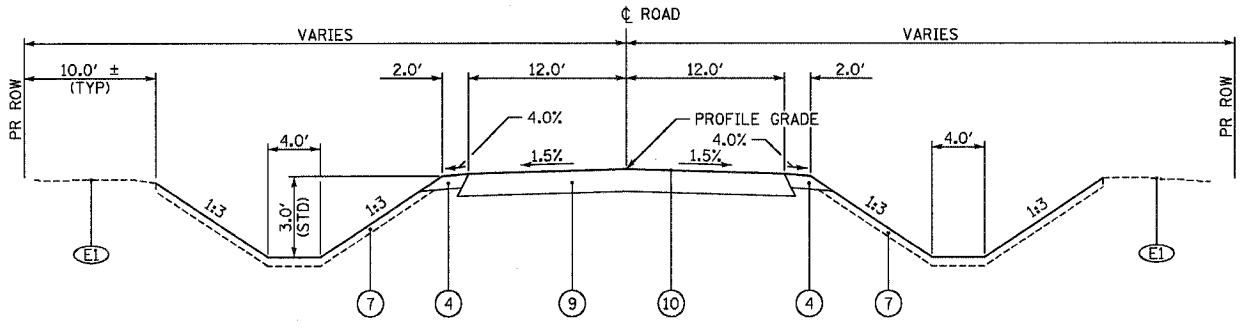
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 5 OF 7
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE: 3/17/05
 DRAWN BY: SEB
 CHECKED BY: EBB

3/29/2005

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



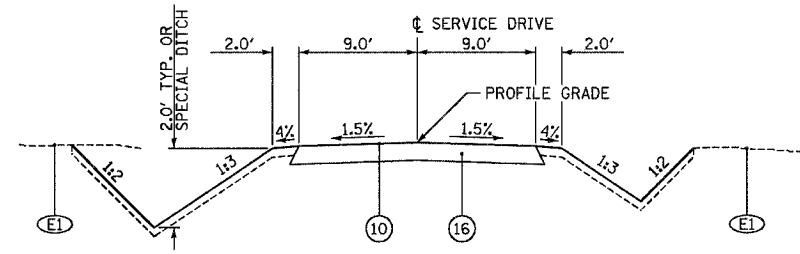
TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

TR 193
 STA 15+75.00 TO STA 17+57.83
 STA 22+42.17 TO STA 24+75.00

TR 169 (CH 17)
 STA 6+00.00 TO STA 7+95.55
 STA 12+04.81 TO STA 14+75.00

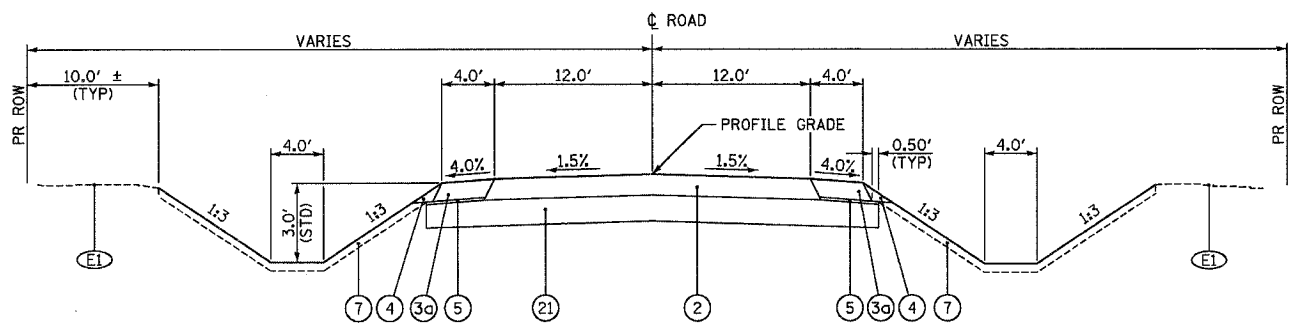
TR 185
 STA 5+25.00 TO STA 7+91.99
 STA 12+04.47 TO STA 12+55.00

TR 151A
 STA 4+00.00 TO STA 7+94.91
 STA 12+06.10 TO STA 15+25.00



SERVICE DRIVE TYPICAL SECTION

SERVICE DRIVE 904
 STA 63+60.00 TO STA 79+88.00



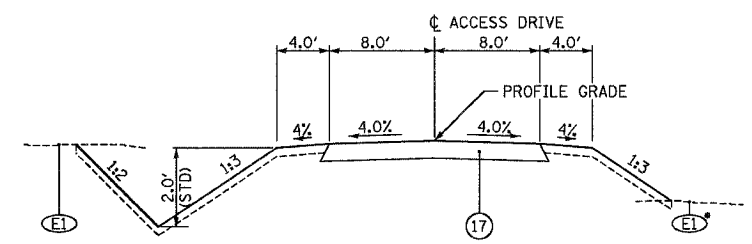
TOWNSHIP ROAD & COUNTY HIGHWAY TYPICAL SECTION

TR 193
 STA 17+57.83 TO STA 19+37.44
 STA 20+62.56 TO STA 22+42.17

TR 169 (CH 17)
 STA 7+95.55 TO STA 9+38.05
 STA 10+61.89 TO STA 12+04.81

TR 185
 STA 7+91.99 TO STA 9+38.06
 STA 10+61.94 TO STA 12+04.47

TR 151A
 STA 7+94.91 TO STA 9+38.15
 STA 10+61.71 TO STA 12+06.10



ACCESS DRIVE TYPICAL SECTION

ACCESS DRIVE 758
 STA 10+13.50 TO STA 11+52.43

• - OR PROPOSED FAP 322 FORESLOPE

LEGEND

- (E1) EXISTING GROUND
- (E2) EXISTING BITUMINOUS SURFACE, 1/2"
- (E3) EXISTING BITUMINOUS SURFACE, VARIES 3" - 6"
- (E4) EXISTING 9"-6"-9" PCC CONCRETE PAVEMENT
- (E5) EXISTING PCC BASE COURSE WIDENING, 9"
- (E6) EXISTING BITUMINOUS SHOULDERS, 8"
- (E7) EXISTING AGGREGATE SHOULDERS, VARIABLE DEPTH
- (E8) EXISTING BITUMINOUS SHOULDERS, 7.87"
- (E9) EXISTING PIPE UNDERDRAINS
- (E10) EXISTING FULL DEPTH BITUMINOUS PAVEMENT, 14.76"
- (R1) REMOVE EXISTING BITUMINOUS SHOULDERS
- (R2) REMOVE EXISTING BITUMINOUS PAVEMENT, 9.8"
- (1) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 13 3/4"
 [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 11 3/4"
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"]
- (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 9 1/4"
 [BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 7 1/4"
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"]
- (3a) BITUMINOUS SHOULDERS SUPERPAVE, 8"
- (3) BITUMINOUS SHOULDERS SUPERPAVE, 8" (WITH RUMBLE STRIPS, STD 642001)
- (4) AGGREGATE SHOULDERS, TYPE B
- (5) SUB-BASE GRANULAR MATERIAL, TYPE C
- (6) PROCESSING LIME MODIFIED SOILS, 12"
- (7) TOPSOIL FURNISH AND PLACE, 4"
- (8) PIPE UNDERDRAINS, 4" (STD 601001)
- (9) AGGREGATE BASE COURSE, TYPE A, 10"
- (10) BITUMINOUS SURFACE TREATMENT CLASS A-3
- (11) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50, 2"
- (12) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 11 3/4" (WHEN WIDTH < 6')
- (13) BITUMINOUS BASE COURSE SUPERPAVE, 11 3/4" (WHEN WIDTH >= 6')
- (14) AGGREGATE SHOULDERS, TYPE B (WEDGE)
- (15) BITUMINOUS SURFACE REMOVAL, 2"
- (16) AGGREGATE BASE COURSE, TYPE A, 8"
- (17) AGGREGATE SURFACE COURSE, TYPE A, 6"
- (18) BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 8 1/2" (WHEN WIDTH < 6')
- (19) BITUMINOUS BASE COURSE SUPERPAVE, 8 1/2" (WHEN WIDTH >= 6')
- (20) BITUMINOUS SHOULDERS SUPERPAVE, 2" (WITH RUMBLE STRIPS, STD 642001)
- (21) AGGREGATE BASE COURSE, TYPE A, 12"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 SHEET 7 OF 7
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE
 DATE 3/17/05

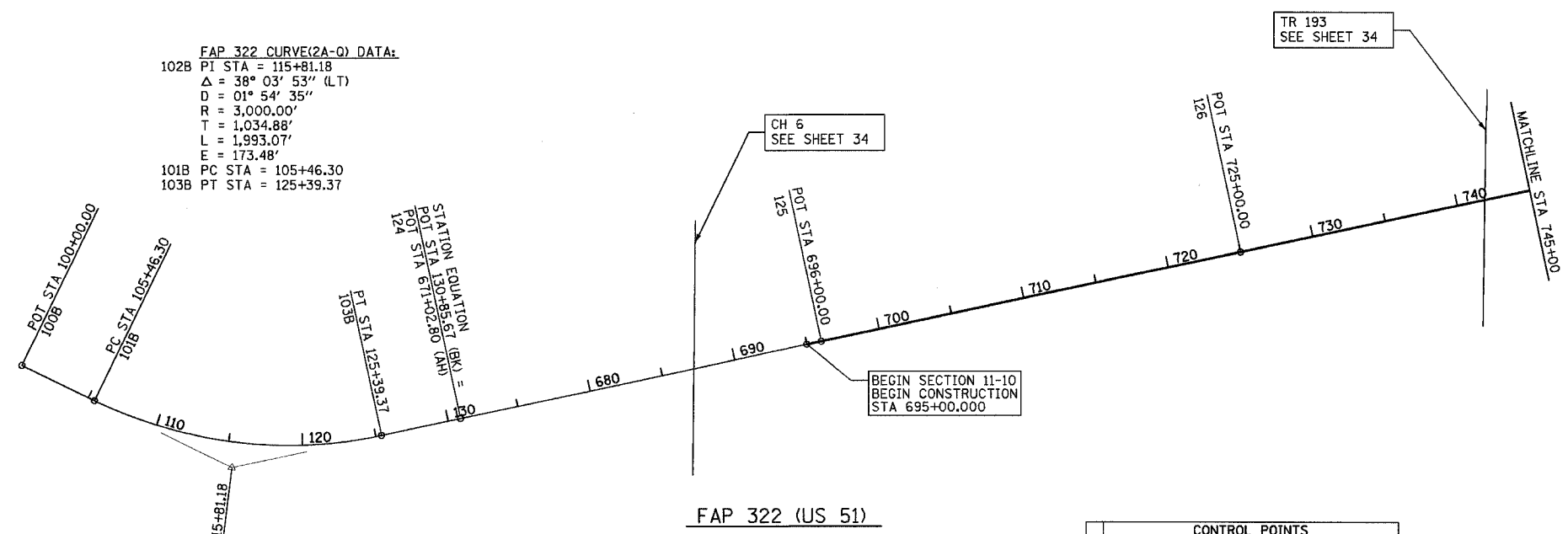
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3/27/2005

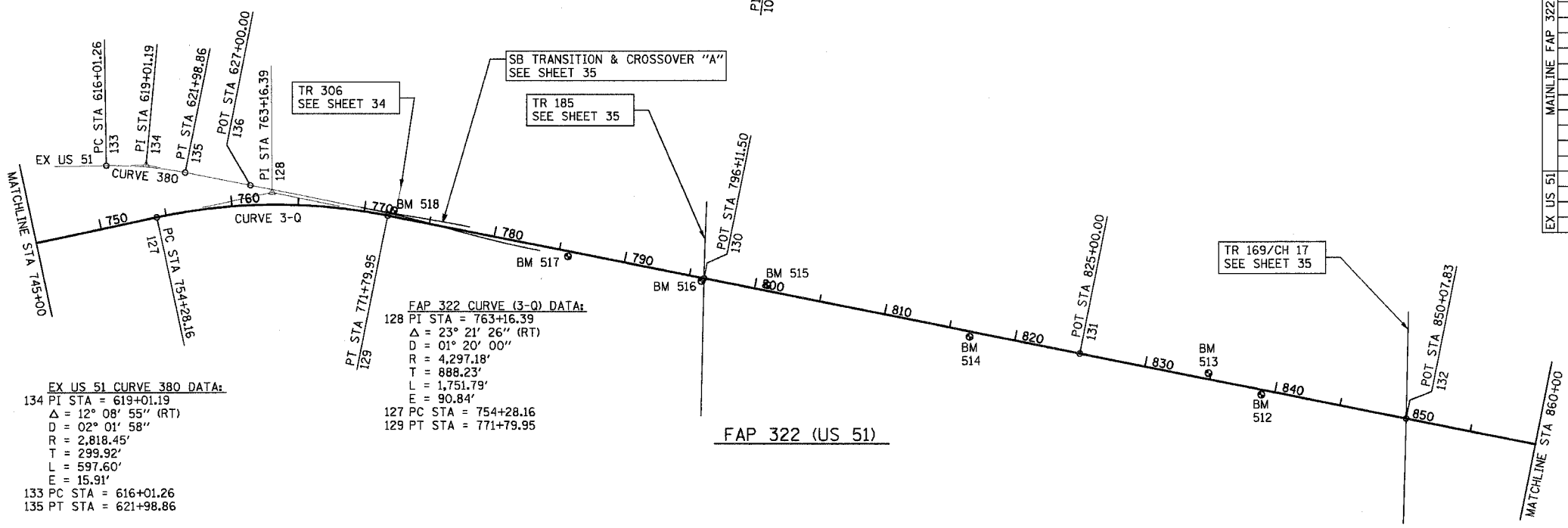
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BENCHMARKS		
MARK	ELEVATION	DESCRIPTION
BM #512	623.15	RR SPIKE IN PP - 3.21 MILES SOUTH OF SHELBY COUNTY LINE STA 839+01.50, 36.45' RT (PR US 51) STA 704+80.90, 61.45' RT (EX US 51)
BM #513	622.87	CHSLD "□" IN CENTER OF WEST HW - 3.29 MILES SOUTH OF SHELBY COUNTY LINE - STA 834+79.65, 45.30' LT (PR US 51) STA 700+59.10, 20.50' LT (EX US 51)
BM #514	624.68	60d NAIL IN PP - 3.64 MILES SOUTH OF SHELBY COUNTY LINE STA 816+59.85, 37.75' RT (PR US 51) STA 682+39.25, 61.60' RT (EX US 51)
BM #515	620.94	CHSLD "□" IN CENTER OF HW - 2.13 MILES NORTH OF TR 1200N STA 800+91.80, 42.70' LT (PR US 51) STA 666+71.30, 20.20' LT (EX US 51)
BM #516	621.28	CHSLD "□" IN CENTER OF HW - 2.03 MILES NORTH OF TR 1200N STA 795+96.90, 23.55' RT (PR US 51) STA 661+76.40, 45.55' RT (EX US 51)
BM #517	622.80	60d NAIL IN PP - 1.84 MILES NORTH OF TR 1200N STA 785+72.55, 38.70' RT (PR US 51) STA 651+52.00, 60.80' RT (EX US 51)
BM #518	617.92	CHSLD "□" IN CENTER OF HW - 1.58 MILES NORTH OF TR 1200N STA 772+18.65, 48.90' LT (PR US 51) STA 637+98.10, 26.65' LT (EX US 51)

FAP 322 CURVE(2A-Q) DATA:
 102B PI STA = 115+81.18
 $\Delta = 38^\circ 03' 53''$ (LT)
 $D = 01^\circ 54' 35''$
 $R = 3,000.00'$
 $T = 1,034.88'$
 $L = 1,993.07'$
 $E = 173.48'$
 101B PC STA = 105+46.30
 103B PT STA = 125+39.37

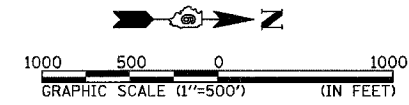


CONTROL POINTS			
POINT	NORTHING	EASTING	
100B	1,037,655.6234	2,615,301.8605	
101B	1,038,148.1950	2,615,538.1175	
102B	1,039,081.2960	2,615,985.6700	
103B	1,040,091.8788	2,615,762.7280	
124	1,040,625.3520	2,615,645.0400	
125	1,043,063.9153	2,615,107.0750	
126	1,045,895.8229	2,614,482.3355	
127	1,048,755.2284	2,613,851.5297	
128	1,049,622.6010	2,613,660.1810	
129	1,050,494.7560	2,613,828.3931	
130	1,052,882.3080	2,614,288.8791	
131	1,055,718.5387	2,614,835.9016	
132	1,058,180.9872	2,615,310.8329	
133	1,048,372.3416	2,613,460.4538	
134	1,048,672.1974	2,613,454.0353	
135	1,048,966.6888	2,613,510.8642	
136	1,049,458.7465	2,613,605.8180	



EX US 51 CURVE 380 DATA:
 134 PI STA = 619+01.19
 $\Delta = 12^\circ 08' 55''$ (RT)
 $D = 02^\circ 01' 58''$
 $R = 2,818.45'$
 $T = 299.92'$
 $L = 597.60'$
 $E = 15.91'$
 133 PC STA = 616+01.26
 135 PT STA = 621+98.86

FAP 322 CURVE(3-Q) DATA:
 128 PI STA = 763+16.39
 $\Delta = 23^\circ 21' 26''$ (RT)
 $D = 01^\circ 20' 00''$
 $R = 4,297.18'$
 $T = 888.23'$
 $L = 1,751.79'$
 $E = 90.84'$
 127 PC STA = 754+28.16
 129 PT STA = 771+79.95

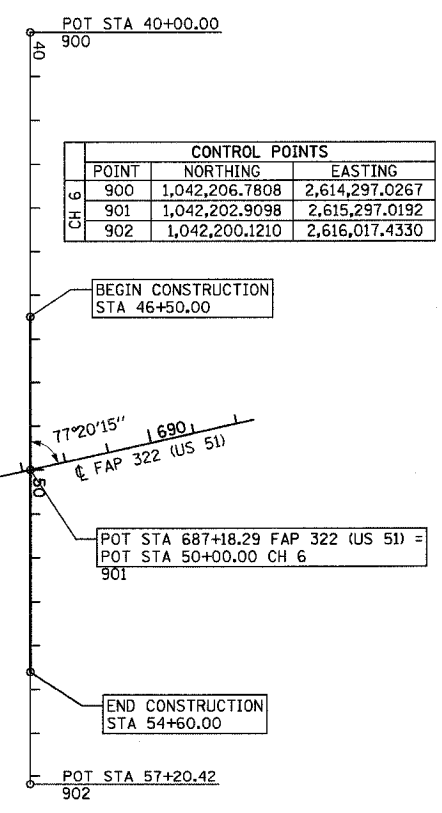
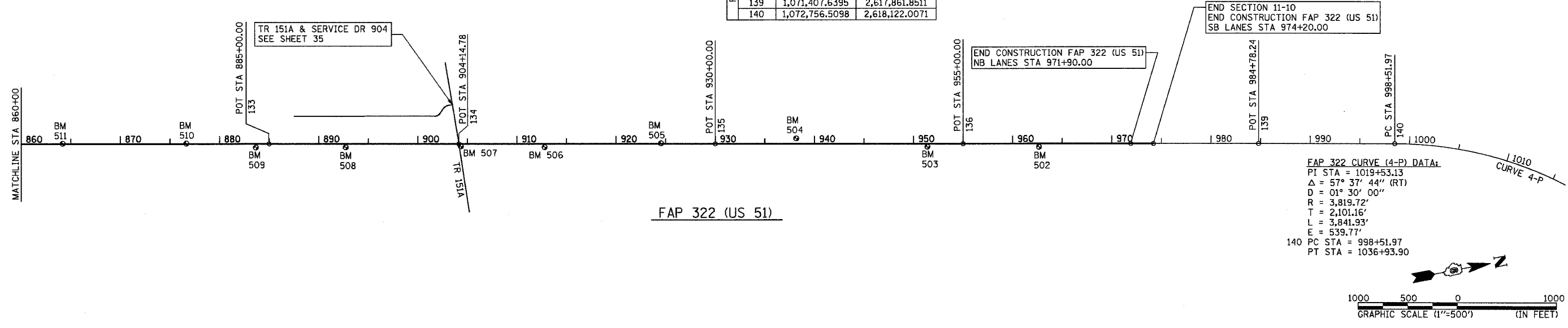


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT & BENCHMARK DATA
 SHEET 1 OF 3
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY
 SCALE: 1"=500'
 DATE: 3/17/05
 DRAWN BY: BGJ
 CHECKED BY: SEB

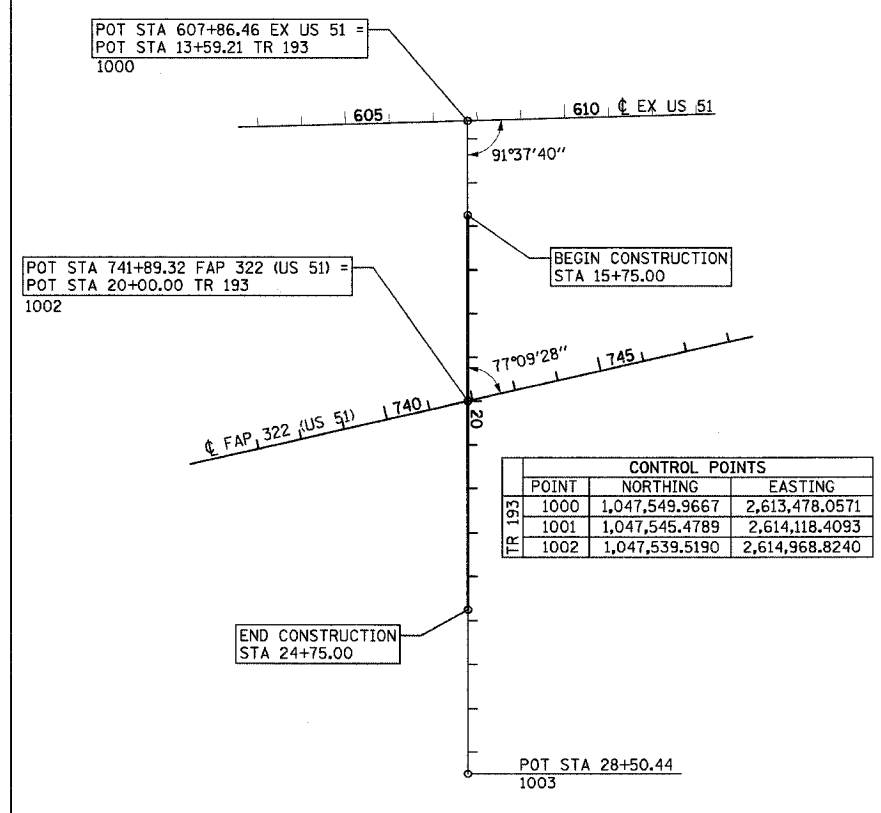
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTROL POINTS		
POINT	NORTHING	EASTING
133	1,061,609.9627	2,615,972.1778
134	1,063,490.0950	2,616,334.7980
135	1,066,028.5307	2,616,824.3850
136	1,068,483.2907	2,617,297.8334
139	1,071,407.6395	2,617,861.8511
140	1,072,756.5098	2,618,122.0071



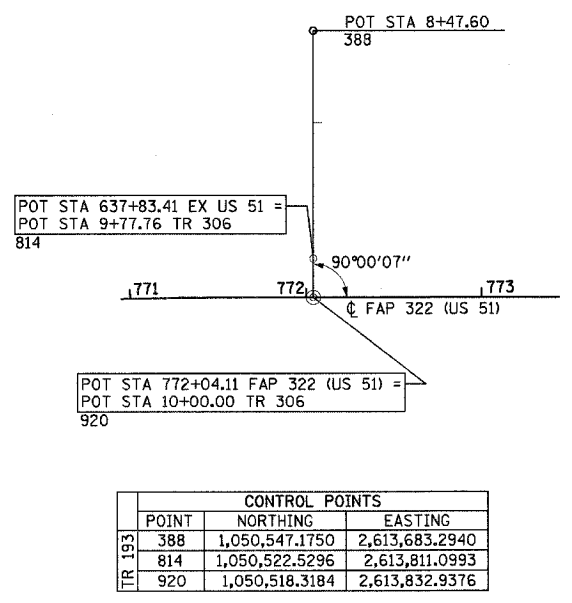
COUNTY HIGHWAY 6 (CH 6)

GRAPHIC SCALE (1"=200') (IN FEET)



TOWNSHIP ROAD 193 (TR 193)

GRAPHIC SCALE (1"=200') (IN FEET)



TOWNSHIP ROAD 306 (TR 306)

GRAPHIC SCALE (1"=50') (IN FEET)

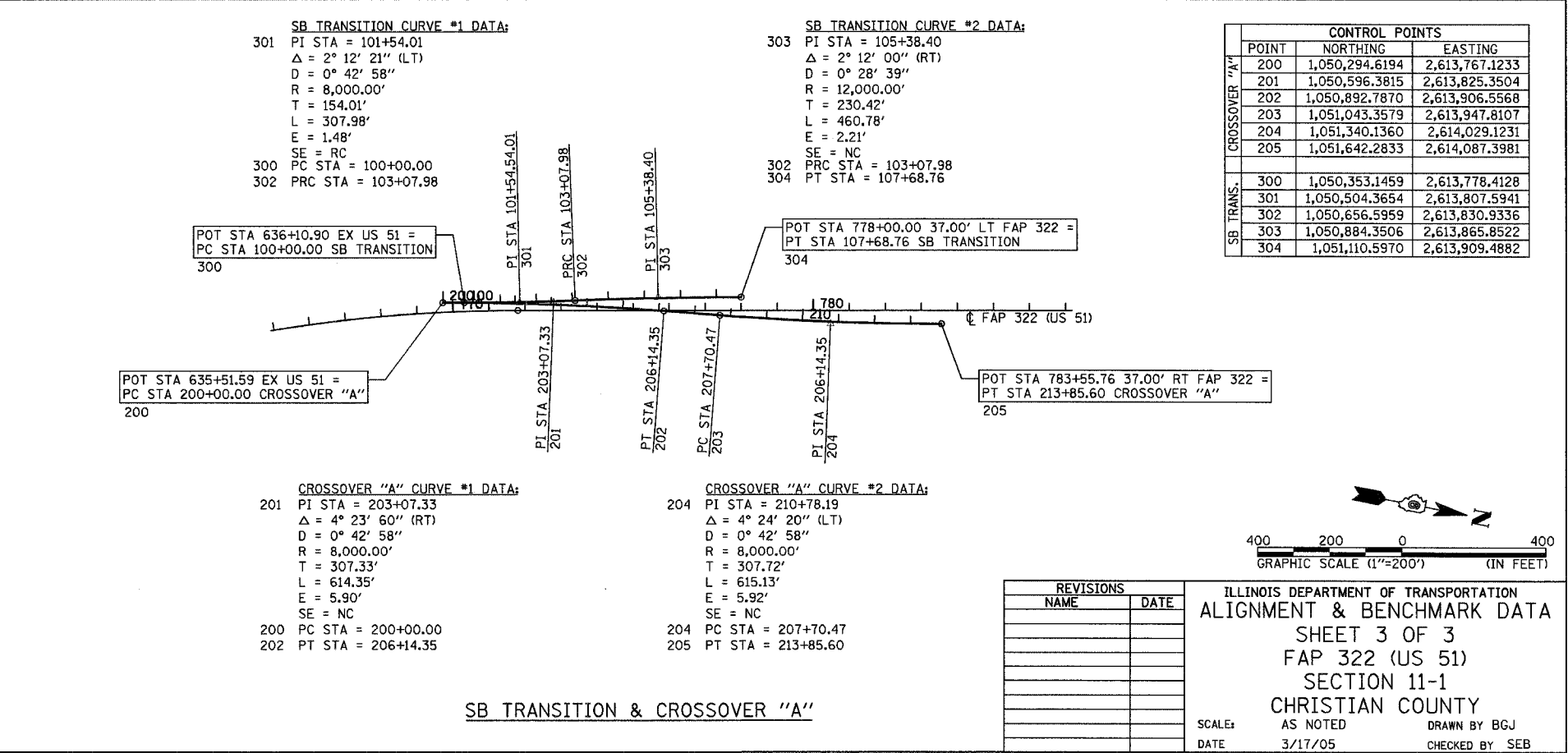
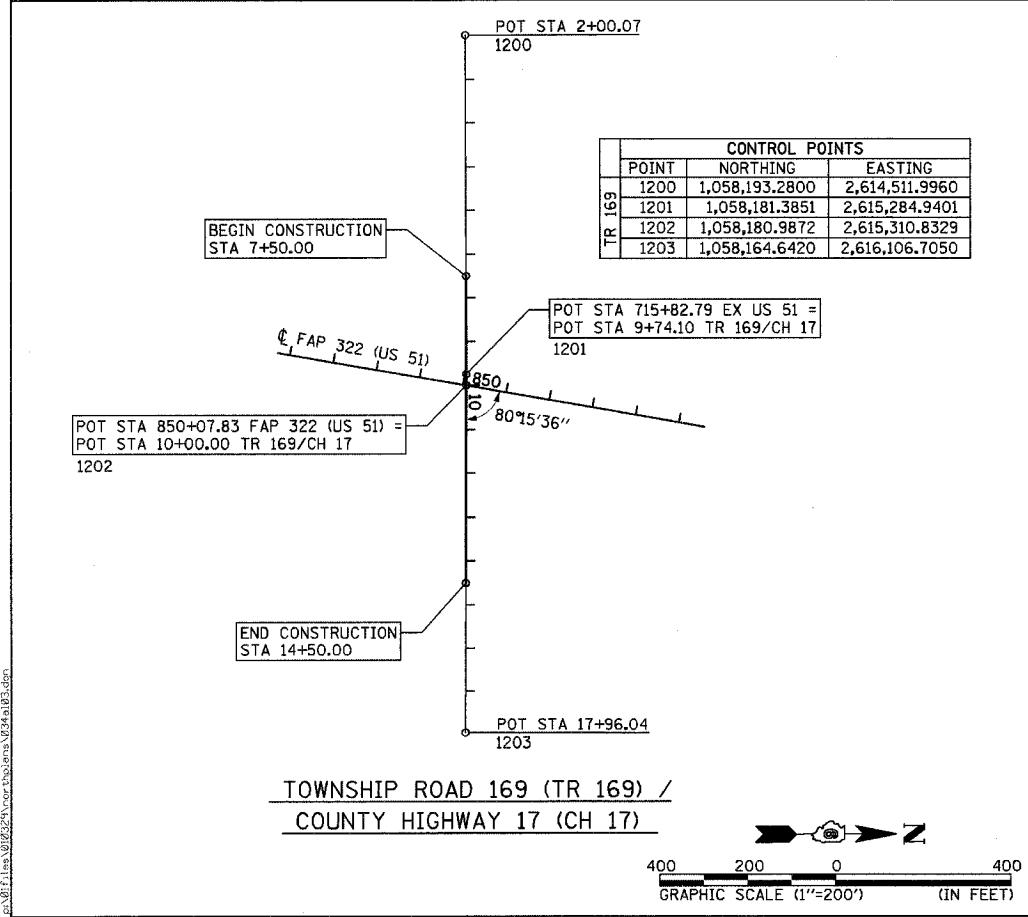
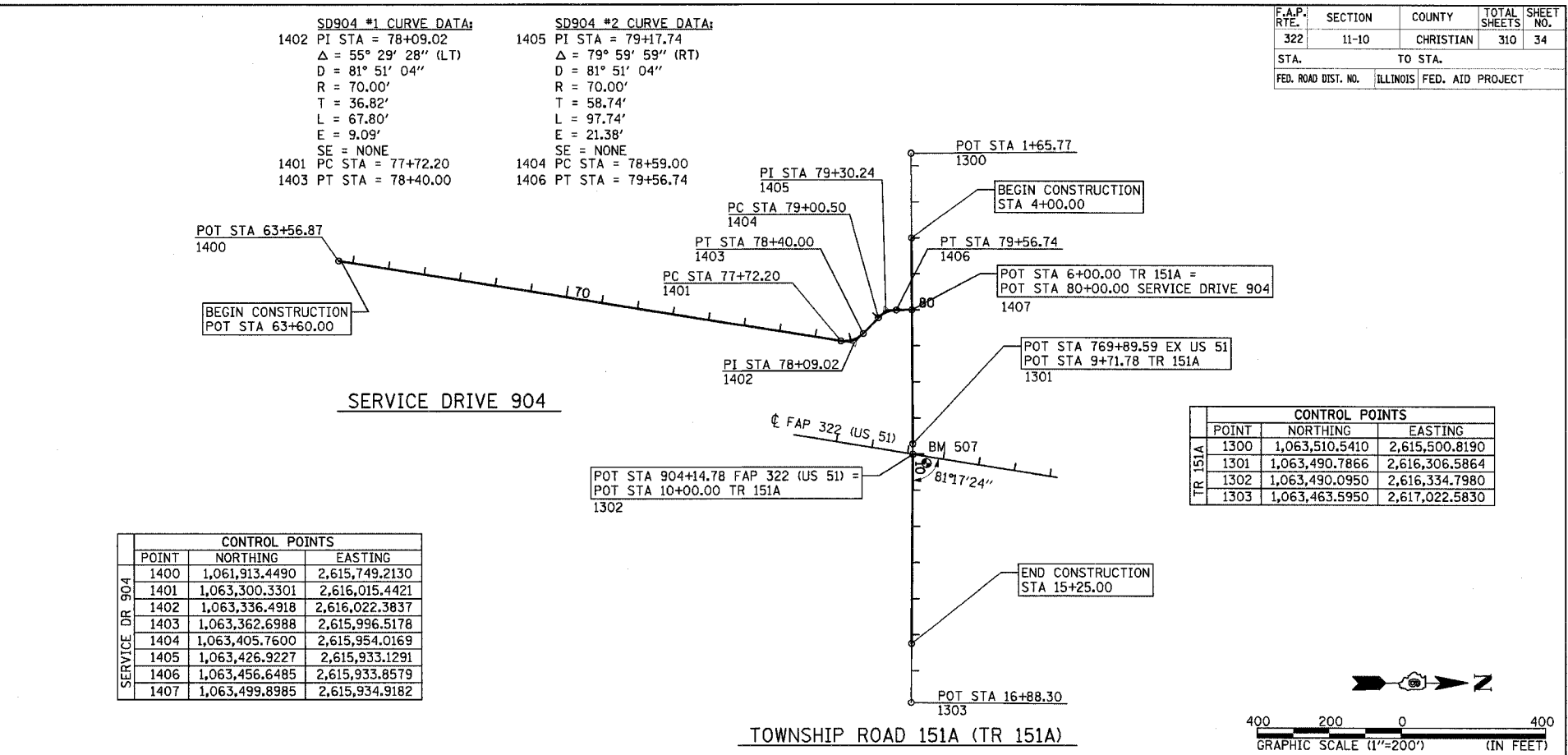
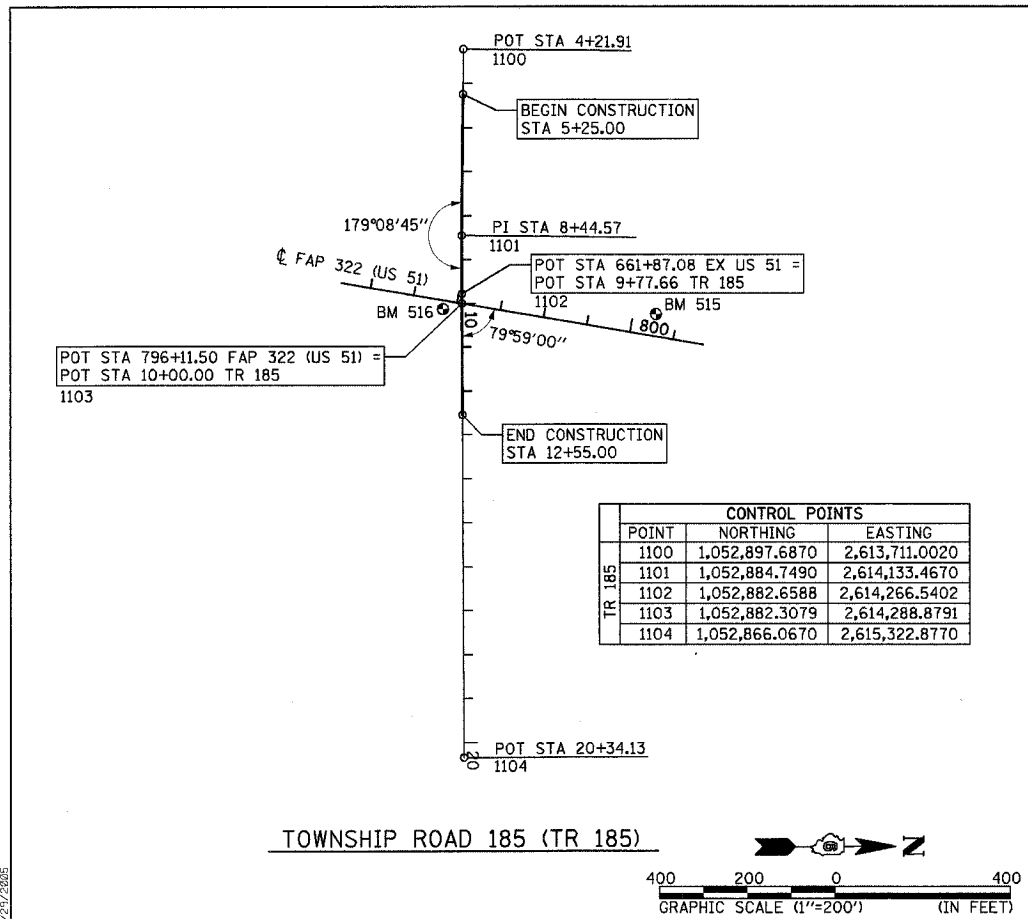
BENCHMARKS		
MARK	ELEVATION	DESCRIPTION
BM #502	616.35	60d NAIL IN PP - 0.86 MILES SOUTH OF SHELBY COUNTY LINE STA 962+65.15, 32.35' RT (PR US 51) STA 828+44.60, 63.85' RT (EX US 51)
BM #503	619.59	60d NAIL IN PP - 1.09 MILES SOUTH OF SHELBY COUNTY LINE STA 951+39.10, 29.85' RT (PR US 51) STA 817+18.60, 60.35' RT (EX US 51)
BM #504	618.07	CHSLD " + " IN CENTER OF WEST HW - 1.34 MILES SOUTH OF SHELBY COUNTY LINE - STA 938+16.50, 54.15' LT (PR US 51) STA 803+96.00, 24.45' LT (EX US 51)
BM #505	618.73	CHSLD " □ " ON NORTH SIDE OF EAST HW - 1.60 MILES SOUTH OF SHELBY COUNTY LINE - STA 924+52.65, 5.60' LT (PR US 51) STA 790+32.00, 23.35' RT (EX US 51)
BM #506	620.25	60d NAIL IN PP - 1.82 MILES SOUTH OF SHELBY COUNTY LINE STA 912+78.55, 32.75' RT (PR US 51) STA 778+58.00, 61.05' RT (EX US 51)
BM #507	619.84	CHSLD " □ " IN CENTER OF NORTH HW - 1.98 MILES SOUTH OF SHELBY COUNTY LINE - STA 904+34.55, 24.25' RT (PR US 51) STA 770+13.90, 52.10' RT (EX US 51)
BM #508	623.43	60d NAIL IN PP - 2.20 MILES SOUTH OF SHELBY COUNTY LINE STA 892+71.80, 34.20' RT (PR US 51) STA 758+51.30, 61.05' RT (EX US 51)
BM #509	628.46	60d NAIL IN PP - 2.37 MILES SOUTH OF SHELBY COUNTY LINE STA 883+66.90, 35.70' RT (PR US 51) STA 749+46.30, 61.75' RT (EX US 51)
BM #510	624.98	CHSLD " □ " IN CENTER OF EAST HW - 2.50 MILES SOUTH OF SHELBY COUNTY LINE - STA 876+65.25, 4.85' LT (PR US 51) STA 742+44.60, 20.80' RT (EX US 51)
BM #511	624.41	CHSLD " □ " IN CENTER OF EAST HW - 2.74 MILES SOUTH OF SHELBY COUNTY LINE - STA 864+18.25, 4.55' LT (PR US 51), ELEV = 624.41 STA 729+97.90, 21.00' RT (EX US 51)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT & BENCHMARK DATA
SHEET 2 OF 3
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

SCALE: AS NOTED
DATE: 3/17/05
DRAWN BY: BGJ
CHECKED BY: SEB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



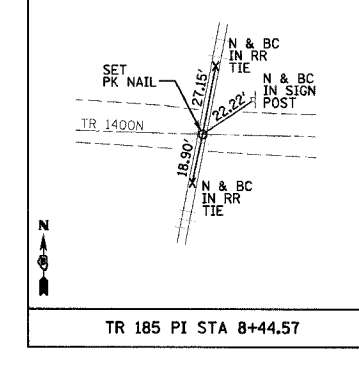
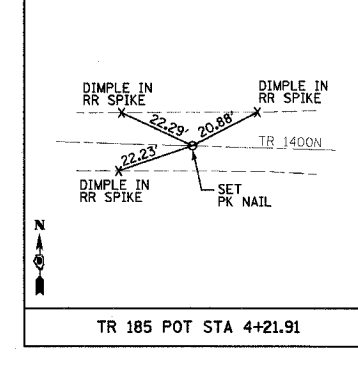
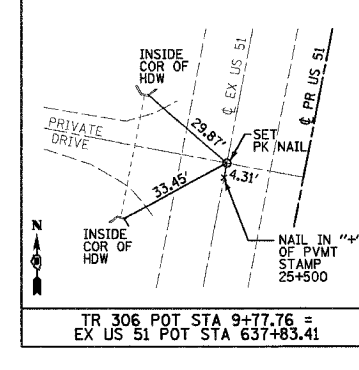
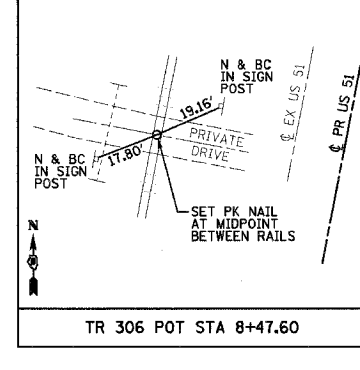
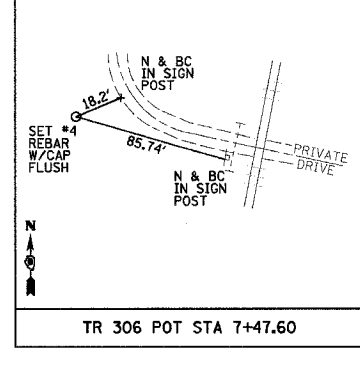
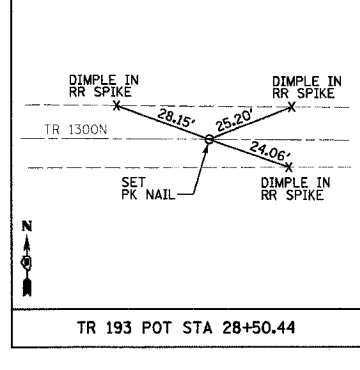
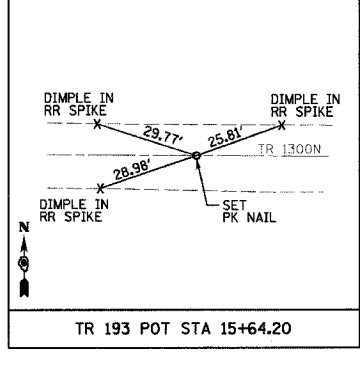
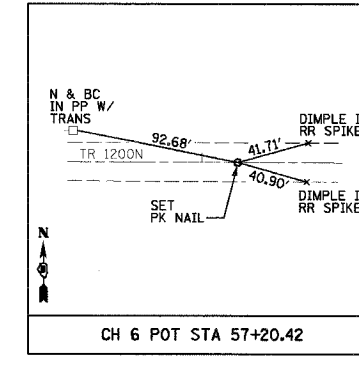
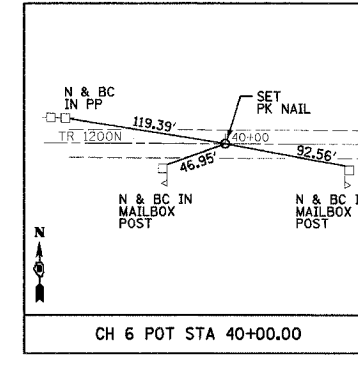
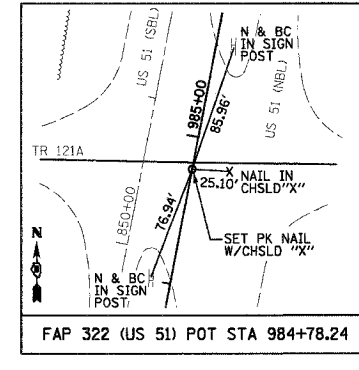
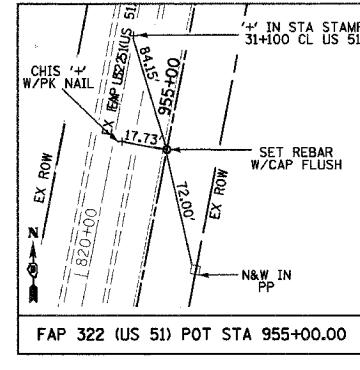
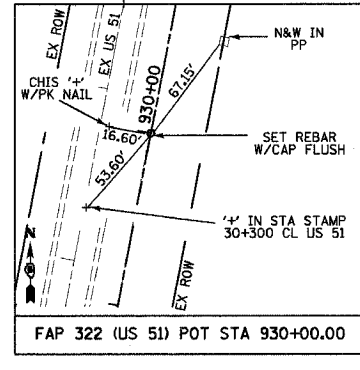
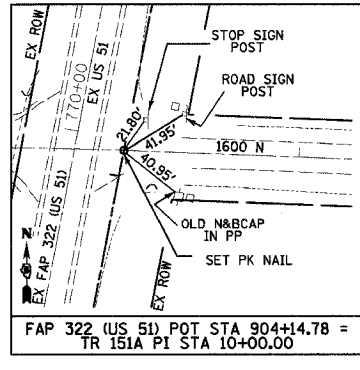
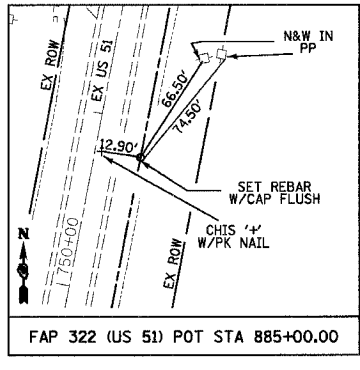
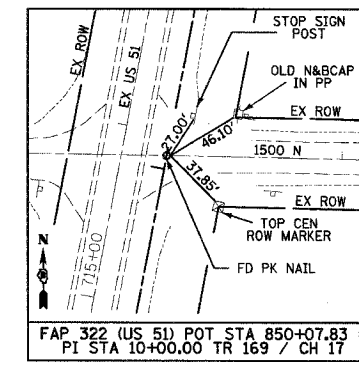
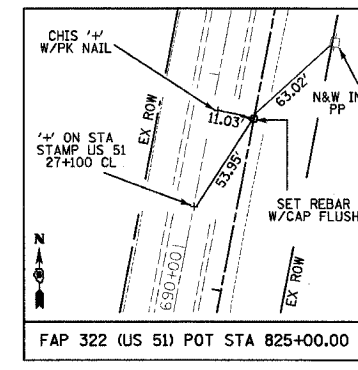
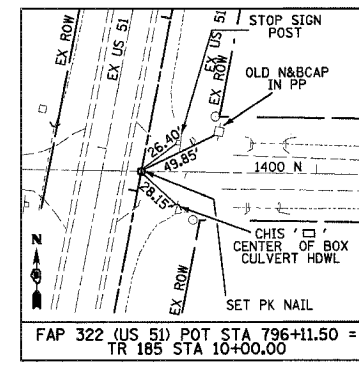
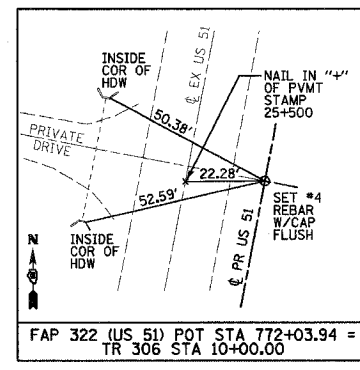
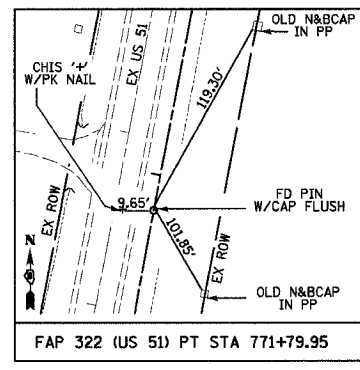
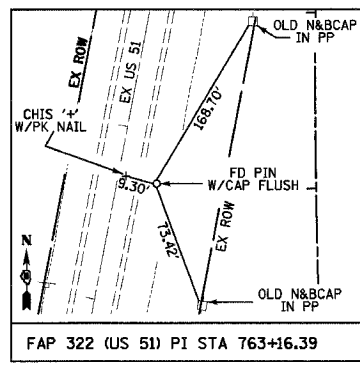
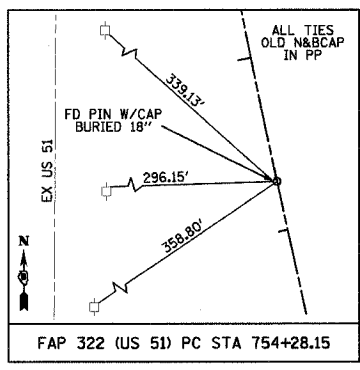
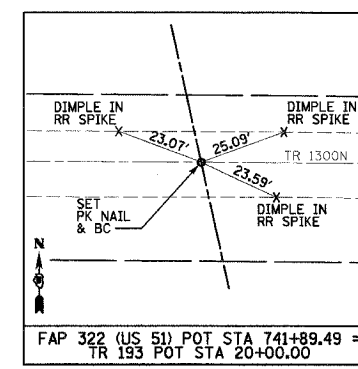
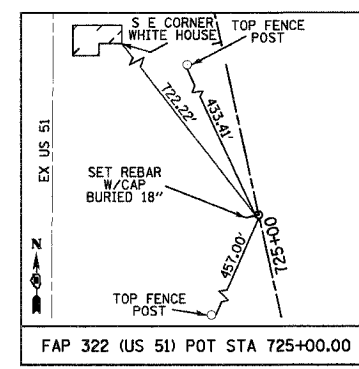
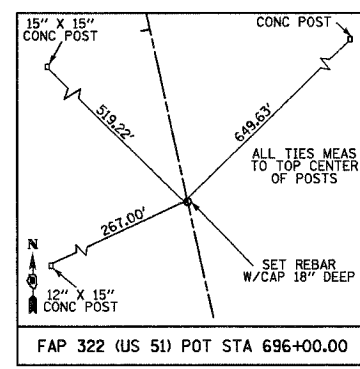
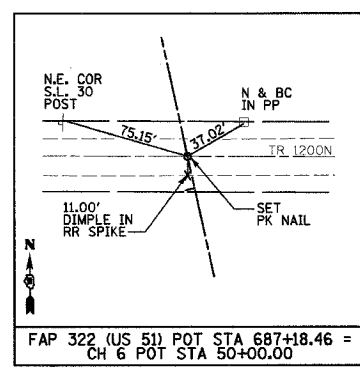
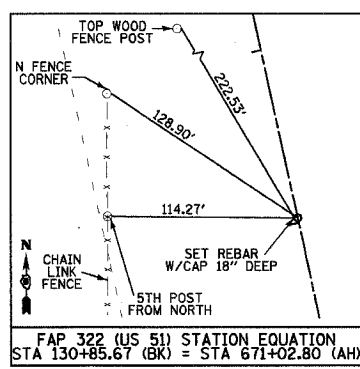
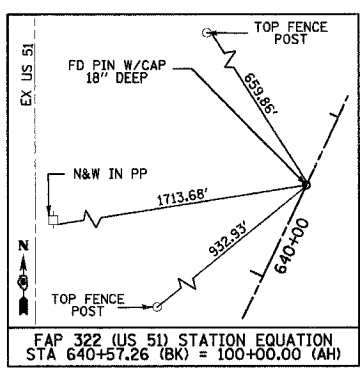
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT & BENCHMARK DATA
 SHEET 3 OF 3
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: AS NOTED
 DATE: 3/17/05

DRAWN BY: BGJ
 CHECKED BY: SEB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	35
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

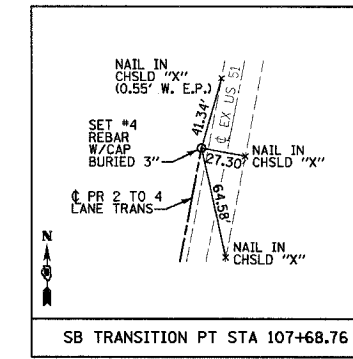
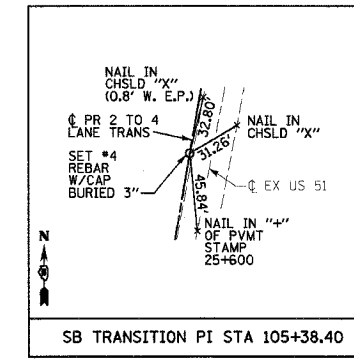
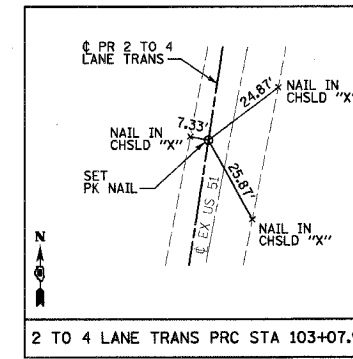
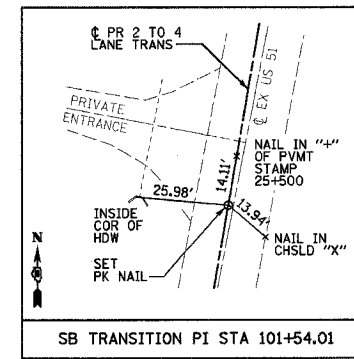
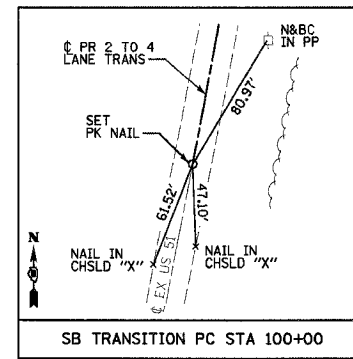
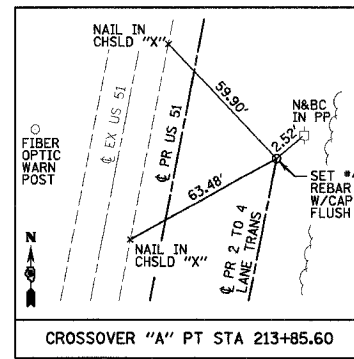
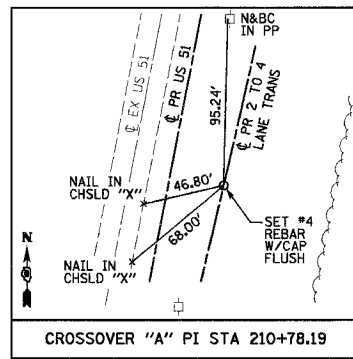
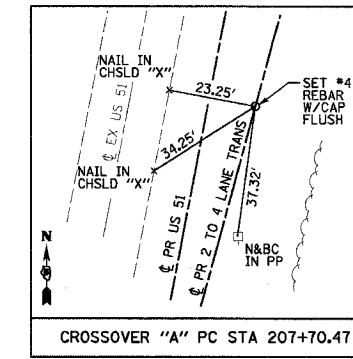
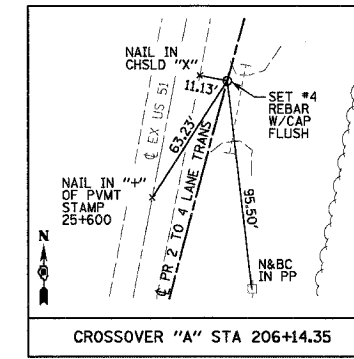
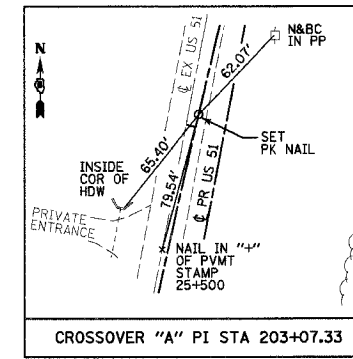
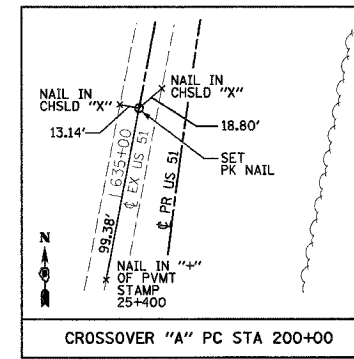
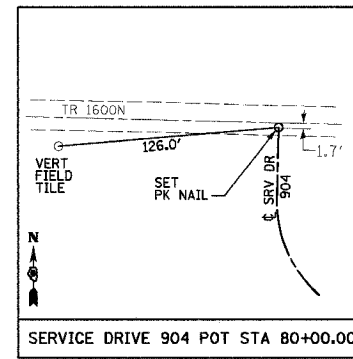
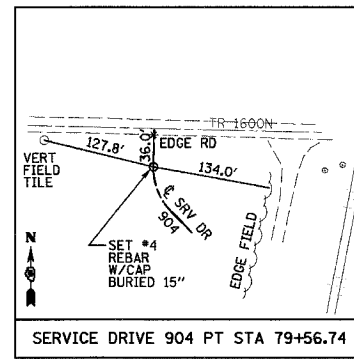
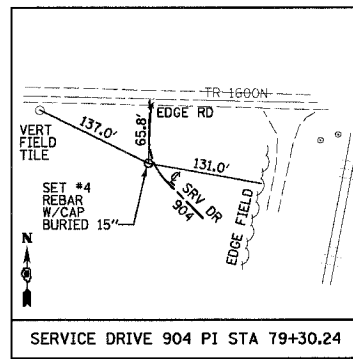
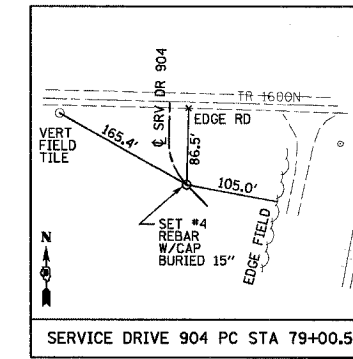
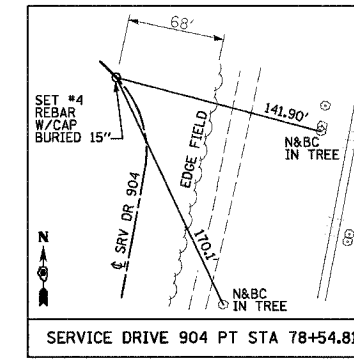
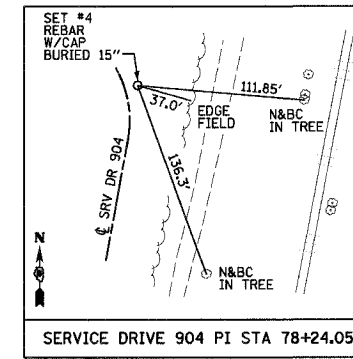
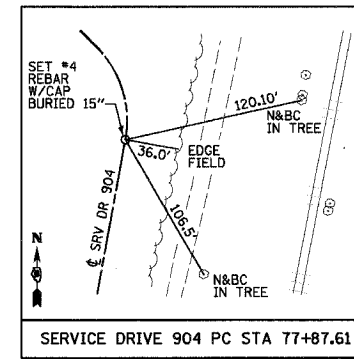
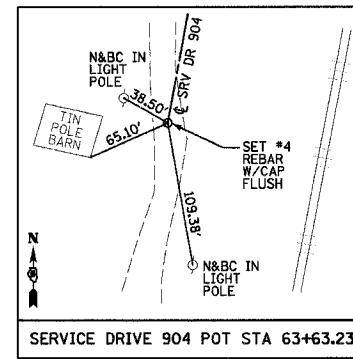
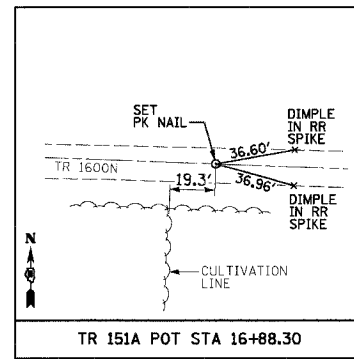
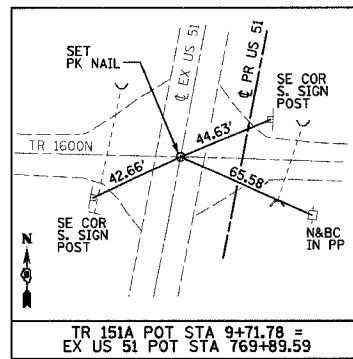
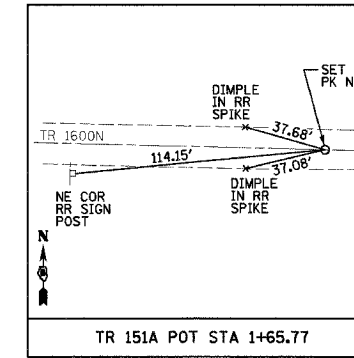
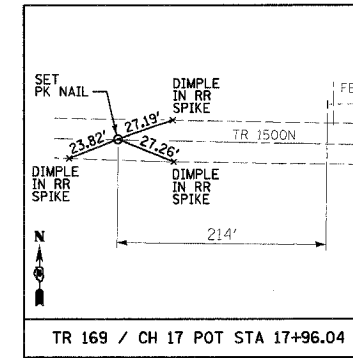
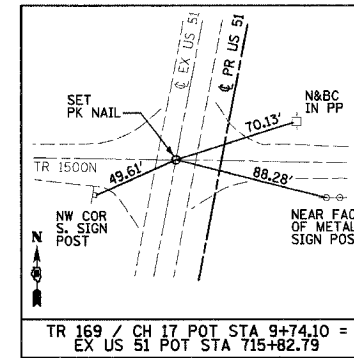
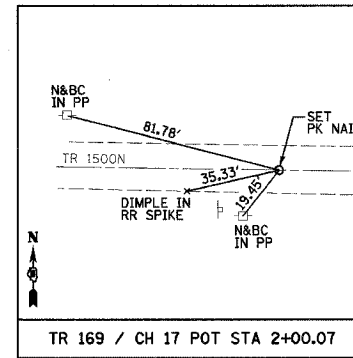
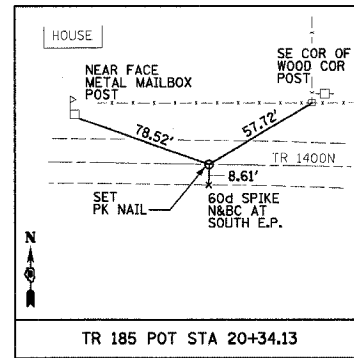
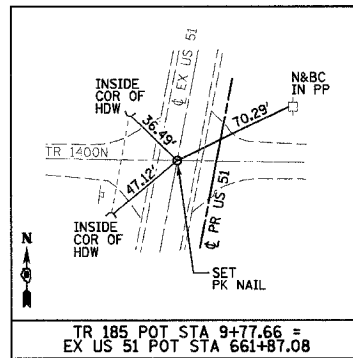


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL TIES
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY
 SCALE: NONE DRAWN BY BLJ
 DATE 3/17/05 CHECKED BY SEB

3/29/2005
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



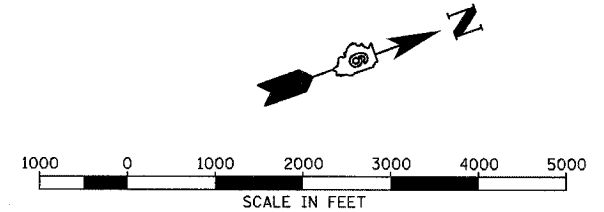
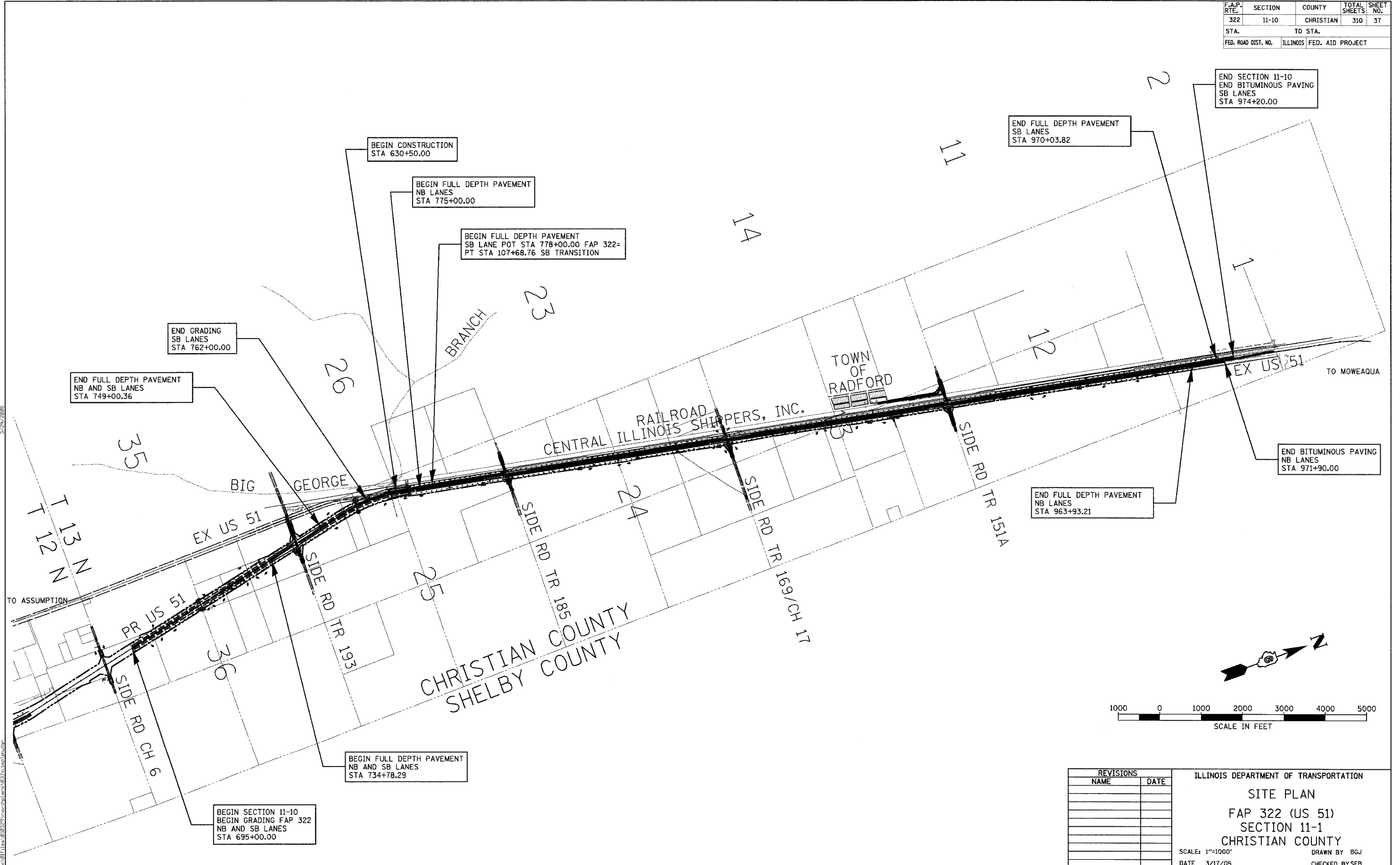
3/21/2005

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL TIES
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY
 SCALE: NONE DRAWN BY: BLJ
 DATE: 3/17/05 CHECKED BY: SEB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

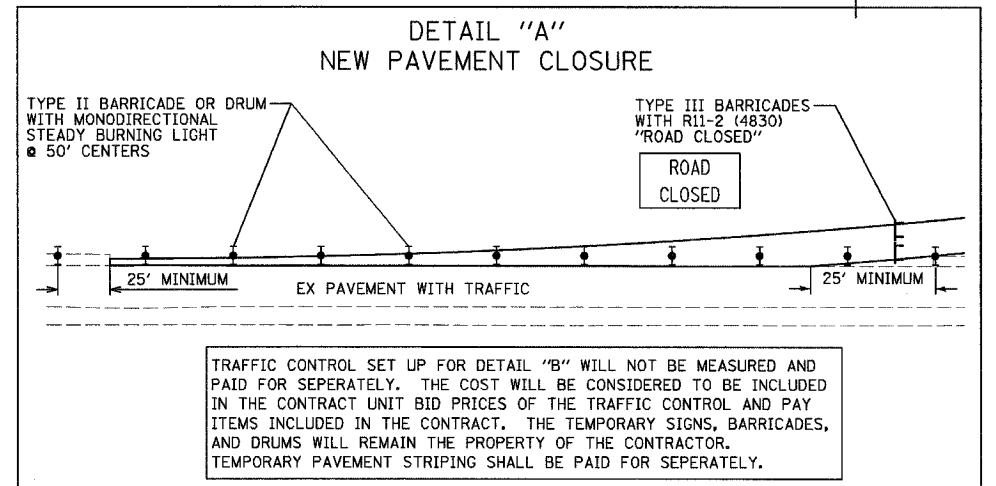
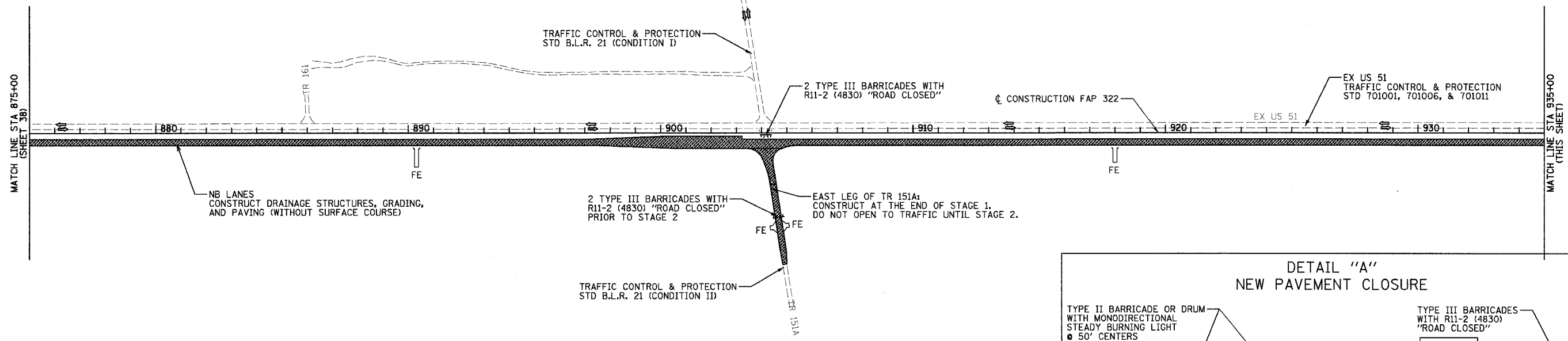
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SITE PLAN
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY
 SCALE: 1"=1000'
 DATE 3/17/05
 DRAWN BY BGJ
 CHECKED BY SEB

3/24/2005
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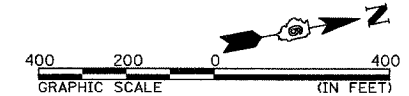
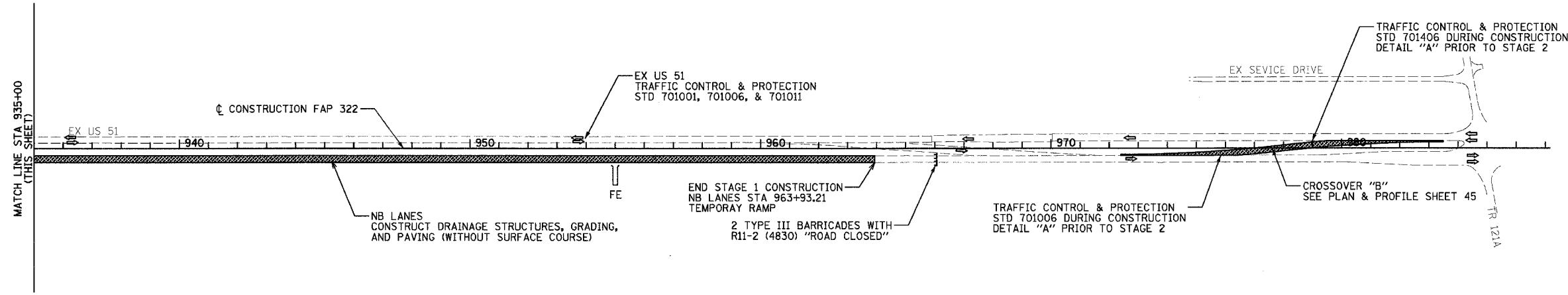
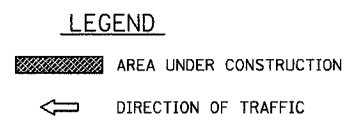
THE STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STAGE 1



NOTE:
AT ALL TIMES THE NEXT SIDE ROAD TO THE NORTH AND SOUTH OF A CLOSED SIDE ROAD SHALL REMAIN OPEN TO THROUGH TRAFFIC. PROVIDE ALL WEATHER ACCESS TO ALL PROPERTIES DURING CONSTRUCTION.
THE FINAL 2" BITUMINOUS SURFACE LIFT TO BE PLACED AFTER STAGE 2.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND STAGING
STAGE 1 - 875+00 TO 985+00
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

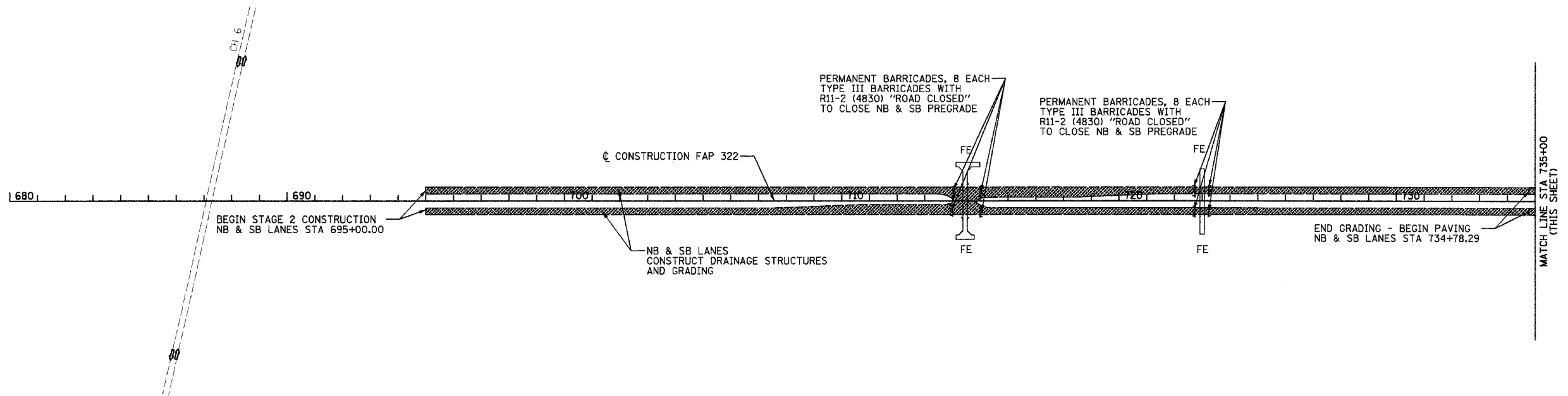
SCALE: 1"=200'
DATE: 3/17/05
DRAWN BY SEB
CHECKED BYEBB

3/21/2005
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THE STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

STAGE 2

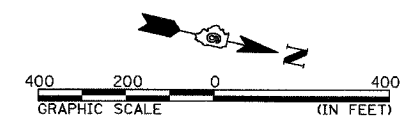
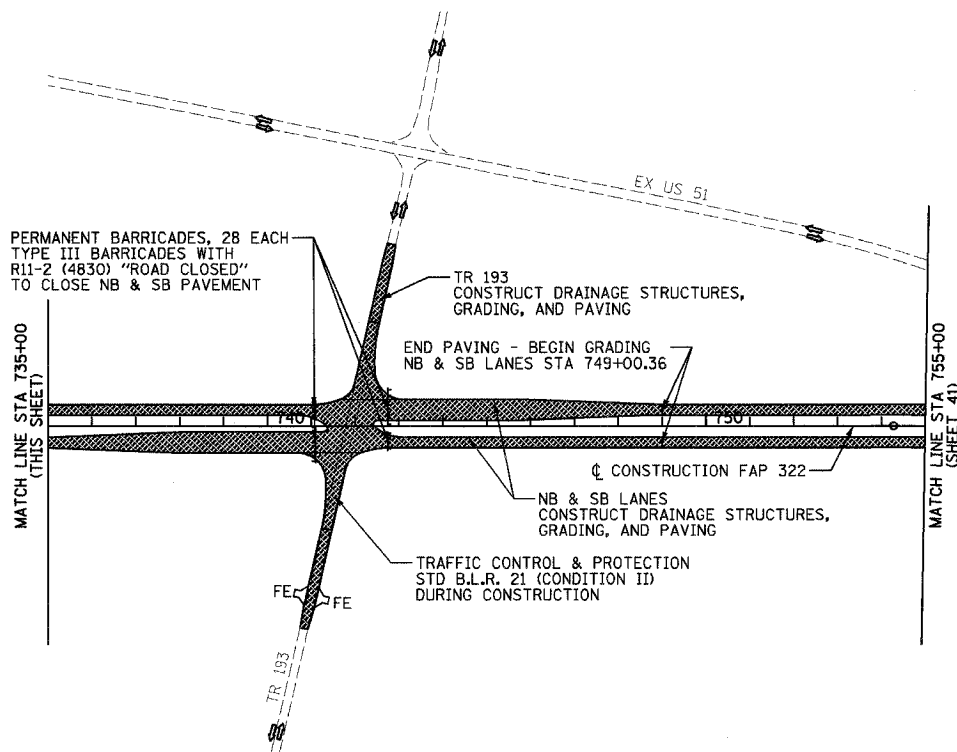
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE:
 AT ALL TIMES THE NEXT SIDE ROAD TO THE NORTH AND SOUTH OF A CLOSED SIDE ROAD SHALL REMAIN OPEN TO THROUGH TRAFFIC. PROVIDE ALL WEATHER ACCESS TO ALL PROPERTIES DURING CONSTRUCTION.

LEGEND

- AREA UNDER CONSTRUCTION
- DIRECTION OF TRAFFIC



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	TRAFFIC CONTROL AND STAGING	
		STAGE 2 - 680+00 TO 755+00	
		FAP 322 (US 51)	
		SECTION 11-1	
		CHRISTIAN COUNTY	
		SCALE: 1"=200'	DRAWN BY SEB
		DATE 3/17/05	CHECKED BY EBB

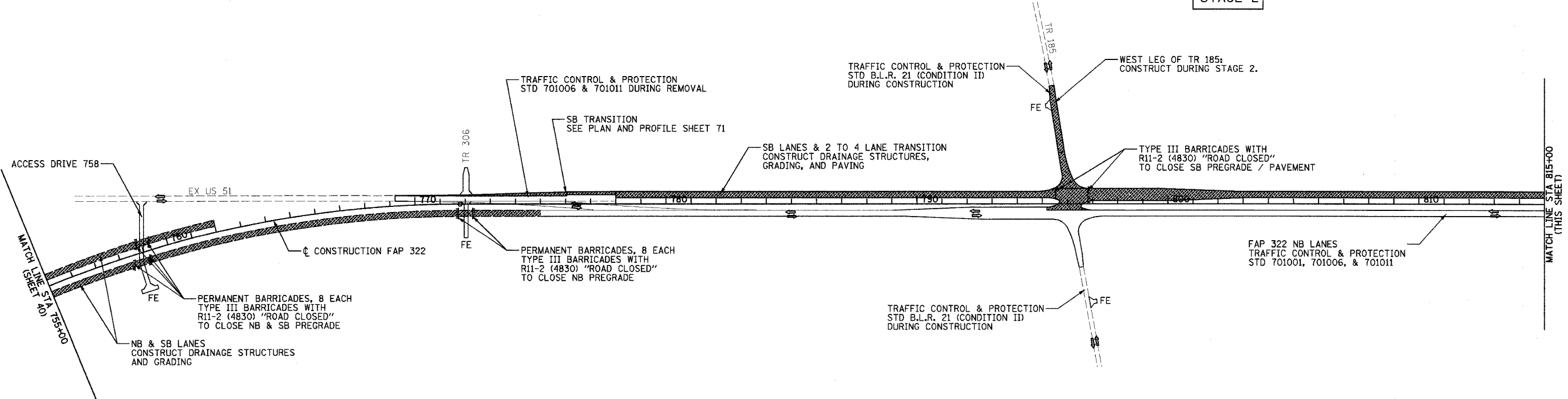
3/29/2005

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THE STAGE CONSTRUCTION SEQUENCE IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PLANNING AND EXECUTING THIS PROJECT WHICH SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STAGE 2

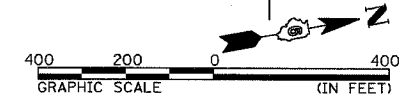
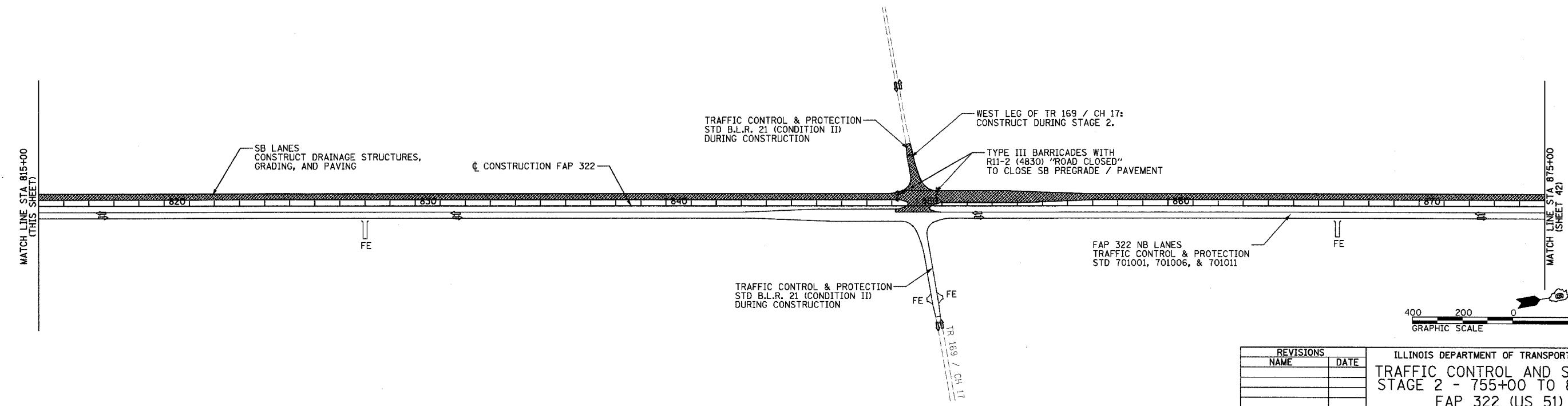


NOTE:
 AT ALL TIMES THE NEXT SIDE ROAD TO THE NORTH AND SOUTH OF A CLOSED SIDE ROAD SHALL REMAIN OPEN TO THROUGH TRAFFIC. PROVIDE ALL WEATHER ACCESS TO ALL PROPERTIES DURING CONSTRUCTION.
 PAVE NB LANES & CROSSOVER "A" UNDER TRAFFIC AT THE END OF STAGE 2 ONCE SB LANES ARE OPENED TO TRAFFIC UTILIZING STD 701306 AND STD 701406.

LEGEND

▨ AREA UNDER CONSTRUCTION

← DIRECTION OF TRAFFIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND STAGING
STAGE 2 - 755+00 TO 875+00
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: 1"=200'
 DATE: 3/17/05
 DRAWN BY: SEB
 CHECKED BY: EBB

3/29/2005

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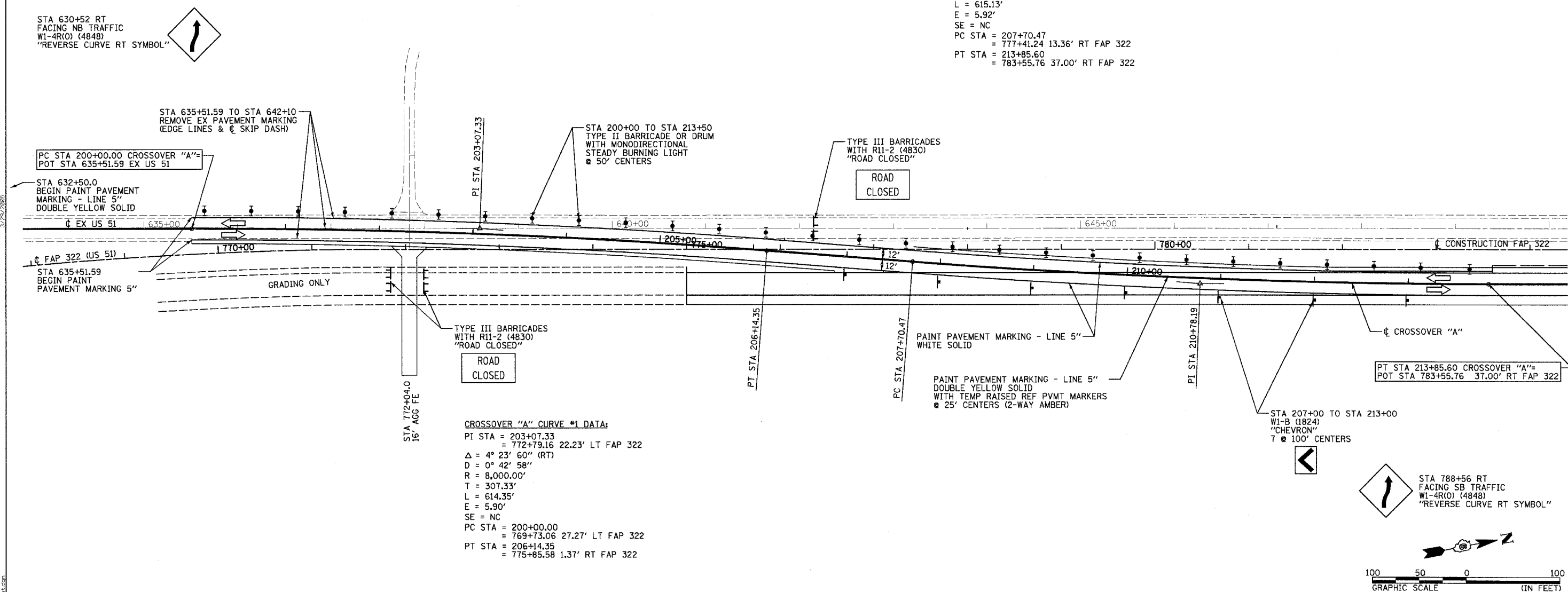
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	43
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SIGNAGE & STRIPING PLAN TRAFFIC DURING STAGE 2

NOTES:
 ALL SIGNS SHALL BE MOUNTED ACCORDING TO STANDARD 702001 OR METHOD APPROVED BY THE ENGINEER.
 THIS TRAFFIC CONTROL SET UP FOR CROSSOVER "A" WILL BE MEASURED AND PAID FOR SEPERATELY AT THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION (DETOUR 1)". THE TEMPORARY SIGNS, BARRICADES, AND DRUMS WILL REMAIN THE PROPERTY OF THE CONTRACTOR. TEMPORARY PAVEMENT STRIPING SHALL BE PAID FOR SEPERATELY.

CROSSOVER "A" CURVE #2 DATA:
 PI STA = 210+78.19
 = 780+48.04 37.00' RT FAP 322
 $\Delta = 4^\circ 24' 20''$ (LT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 307.72'$
 $L = 615.13'$
 $E = 5.92'$
 $SE = NC$
 PC STA = 207+70.47
 = 777+41.24 13.36' RT FAP 322
 PT STA = 213+85.60
 = 783+55.76 37.00' RT FAP 322

CROSSOVER "A" CURVE #1 DATA:
 PI STA = 203+07.33
 = 772+79.16 22.23' LT FAP 322
 $\Delta = 4^\circ 23' 60''$ (RT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 307.33'$
 $L = 614.35'$
 $E = 5.90'$
 $SE = NC$
 PC STA = 200+00.00
 = 769+73.06 27.27' LT FAP 322
 PT STA = 206+14.35
 = 775+85.58 1.37' RT FAP 322



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL AND STAGING CROSSOVER "A" FAP 322 (US 51) SECTION 11-1 CHRISTIAN COUNTY
NAME	DATE	
		SCALE: 1"=50' DATE 3/17/05 DRAWN BY SEB CHECKED BY SEB

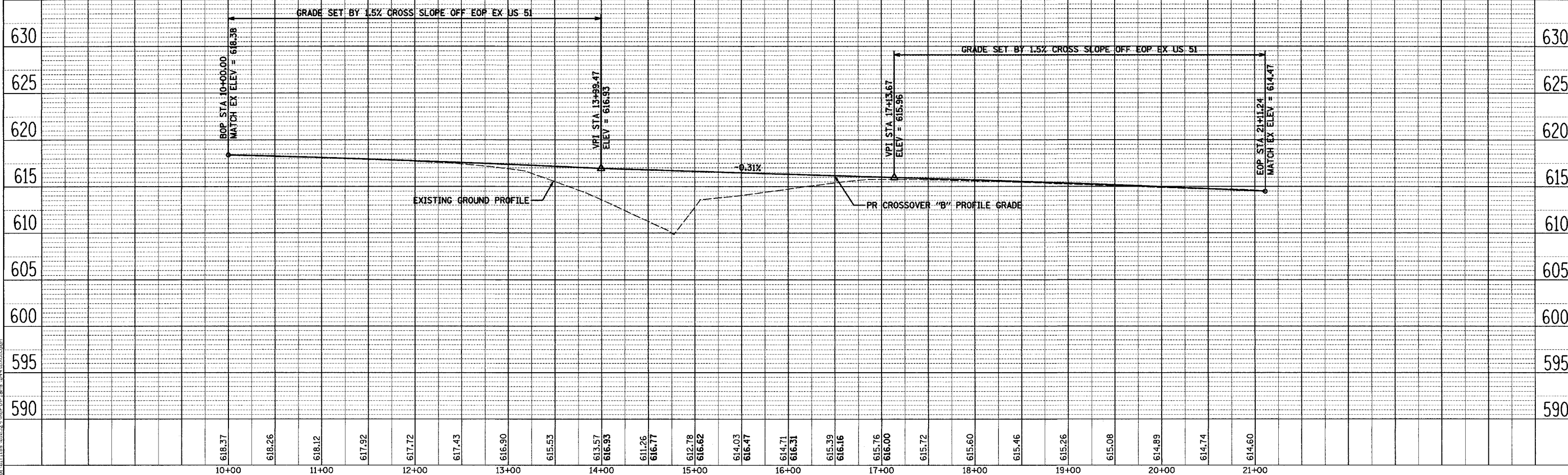
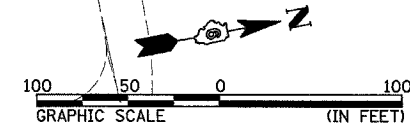
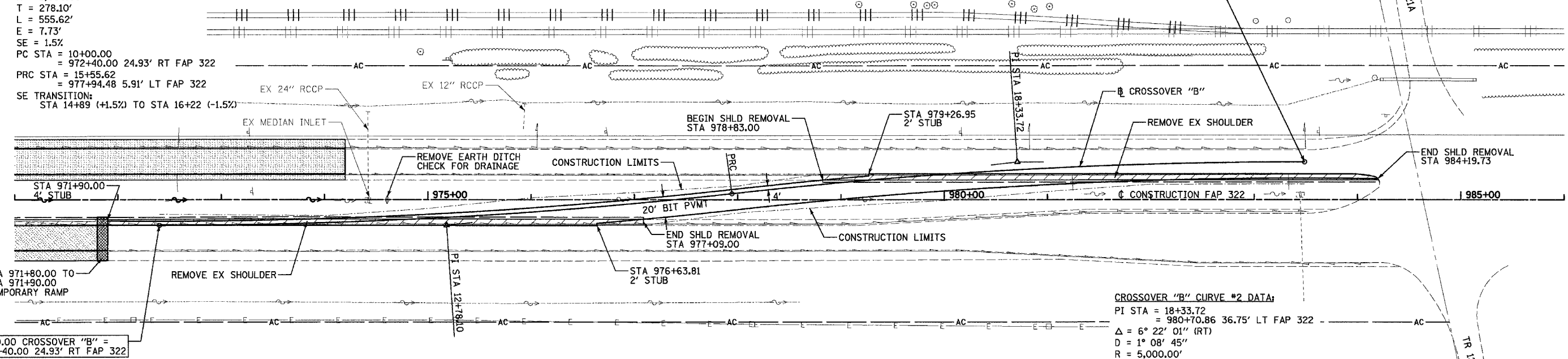
3/24/2005

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	44
STA. 322		TO STA. 11-10		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

CROSSOVER "B" CURVE #1 DATA:
 PI STA = 12+78.10
 = 975+18.10 24.93' RT FAP 322
 $\Delta = 6^\circ 22' 01''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 278.10'$
 $L = 555.62'$
 $E = 7.73'$
 $SE = 1.5\%$
 PC STA = 10+00.00
 = 972+40.00 24.93' RT FAP 322
 PRC STA = 15+55.62
 = 977+94.48 5.91' LT FAP 322
 SE TRANSITION:
 STA 14+89 (+1.5%) TO STA 16+22 (-1.5%)

CROSSOVER "B" CURVE #2 DATA:
 PI STA = 18+33.72
 = 980+70.86 36.75' LT FAP 322
 $\Delta = 6^\circ 22' 01''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 278.10'$
 $L = 555.62'$
 $E = 7.73'$
 $SE = 1.5\%$
 PRC STA = 15+55.62
 = 977+94.48 5.91' LT FAP 322
 PT STA = 21+11.24
 = 983+48.96 36.75' LT FAP 322
 SE TRANSITION:
 STA 14+89 (+1.5%) TO STA 16+22 (-1.5%)



STAGE 1 - CROSSOVER "B" STA 10+00 TO STA 21+11

PLAN
 SURVEYED BY: _____
 PLOTTED BY: _____
 CHECKED BY: _____
 DATE: _____

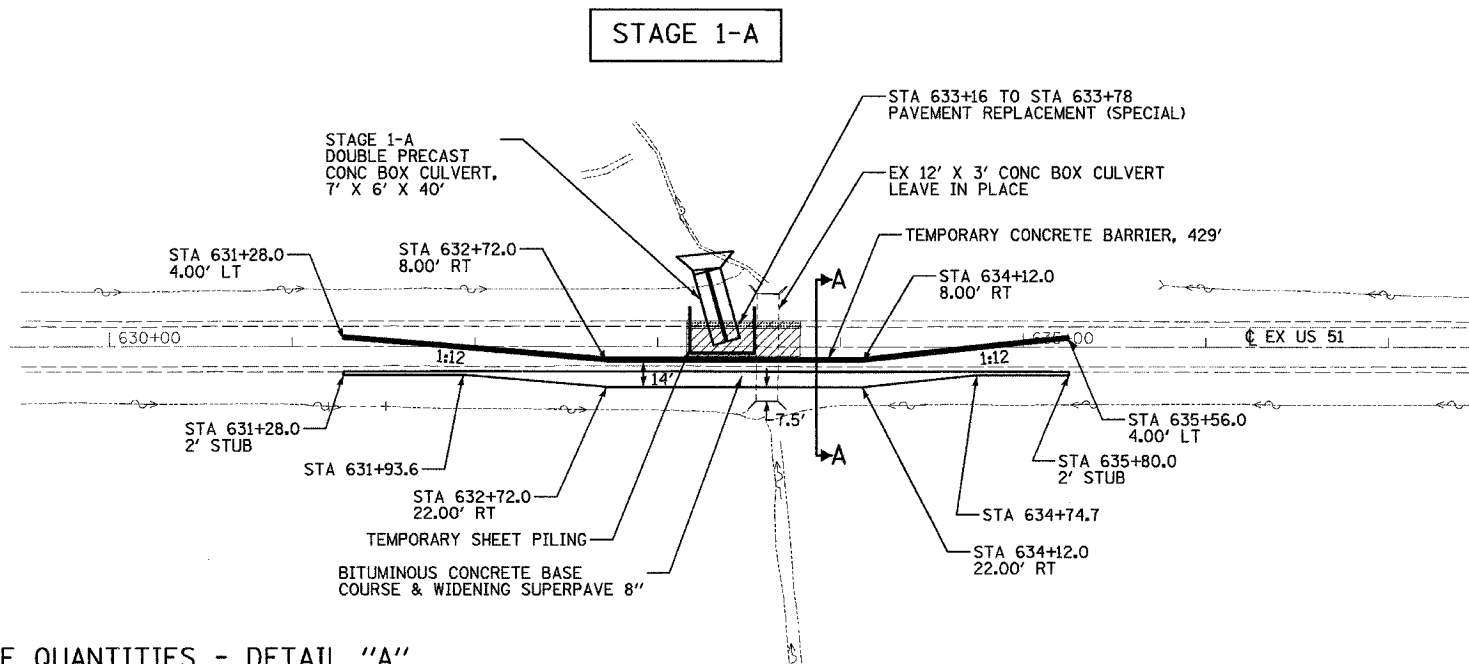
PROFILE
 SURVEYED BY: _____
 PLOTTED BY: _____
 CHECKED BY: _____
 DATE: _____

4/15/2005

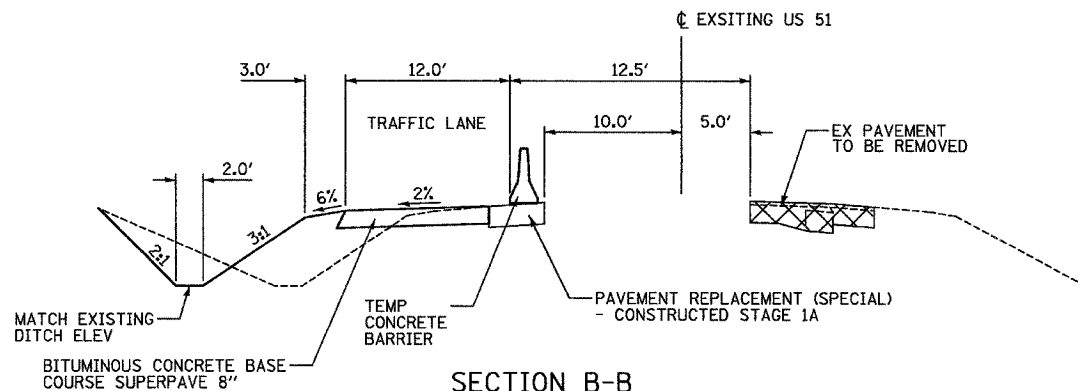
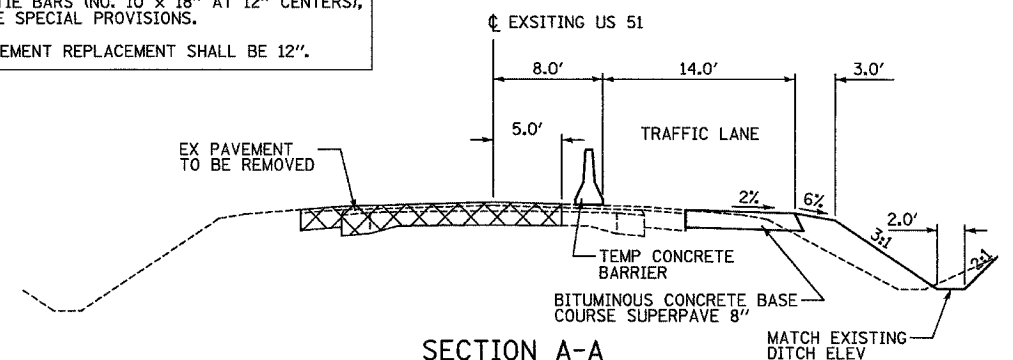
4/15/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DETAIL "A"
STAGE CONSTRUCTION OF CULVERT @ STA 767+70.0



THE COST OF THE PAY ITEM "PAVEMENT REPLACEMENT (SPECIAL)" SHALL INCLUDE SAW CUTS, TIE BARS (NO. 10 x 18" AT 12" CENTERS), AND PAVEMENT FABRIC. SEE SPECIAL PROVISIONS.
MINIMUM THICKNESS OF PAVEMENT REPLACEMENT SHALL BE 12".



SCHEDULE OF QUANTITIES - DETAIL "A"

ITEM	UNIT	STAGE 1-A	STAGE 1-B	TOTAL
EARTH EXCAVATION (WIDENING)	CU YD	55	75	130
BITUMINOUS BASE COURSE SUPERPAVE 8"	SQ YD	174.6	252.9	428
BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 8 INCHES	SQ YD	71.8	86.2	158
PAVEMENT REMOVAL	SQ YD	246.4	339.1	586
PAVEMENT REPLACEMENT (SPECIAL)	SQ YD	29.9	157.9	188
TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1		1
TEMPORARY CONCRETE BARRIER	FOOT	429.0	108.4	537
RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	-	429.0	429
TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	-	2
IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	-	2	2
TEMPORARY SHEET PILING	SQ FT	1428	952	2380

* - PAVEMENT REMOVAL QUANTITY IS FOR THE REMOVAL OF THE BITUMINOUS BASE COURSE & WIDENING.

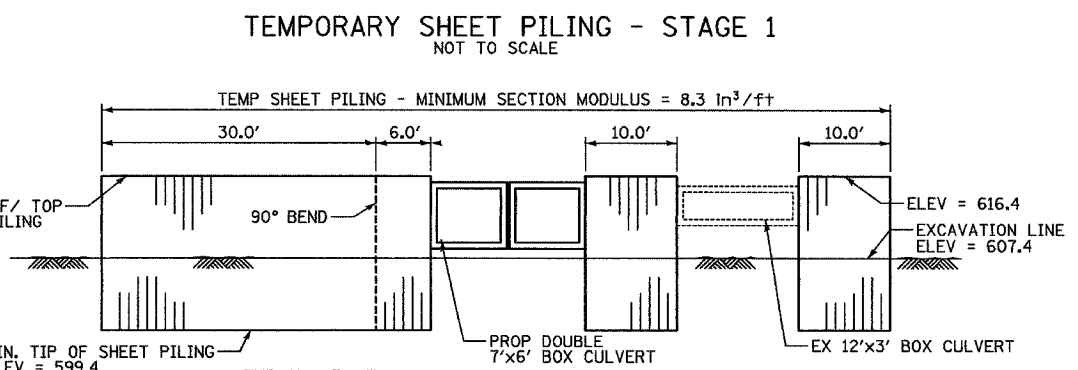
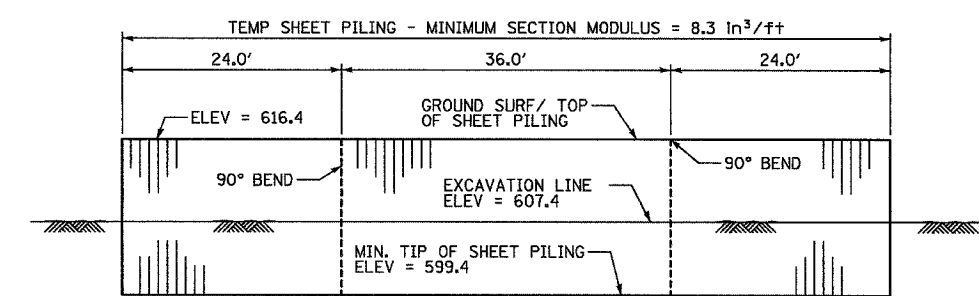
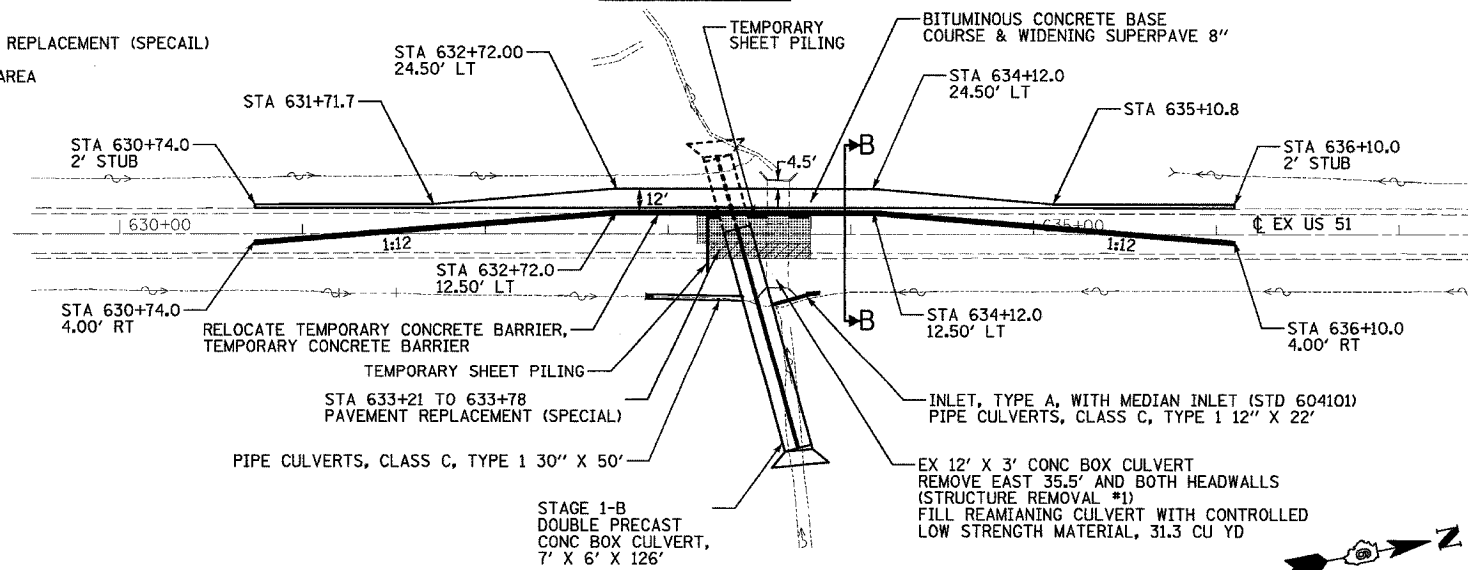
TRAFFIC CONTROL & PROTECTION NOTES:

1. SEE STD 701321 AND SHEET 170 FOR ADDITIONAL DETAILS NOT SHOWN.
2. TEMPORARY RUMBLE STRIPS WILL NOT BE INSTALLED.
3. DOUBLE VERTICAL PANELS WILL BE SPACED AT 20' CENTERS.
4. PROVIDE 12' TRAFFIC LANE MINIMUM AT ALL TIMES.
5. ADVANCE WARNING SIGNS REQUIRED. (SEE SHEET 49).
6. SEE SHEET 49 FOR INDUCTION LOOP DETECTOR DETAIL.

LEGEND

- PAVEMENT REPLACEMENT (SPECIAL)
- REMOVAL AREA

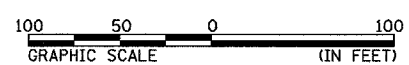
STAGE 1-B



IF THE CONTRACTOR CHOOSES TO ALTER THE TEMPORARY CANTILEVERED SHEET PILING DESIGN REQUIREMENTS SHOWN, A DESIGN SUBMITTAL INCLUDING PLAN DETAILS AND CALCULATIONS WILL BE REQUIRED FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.

REVISIONS	
NAME	DATE
MISP. - SEB	4/4/05

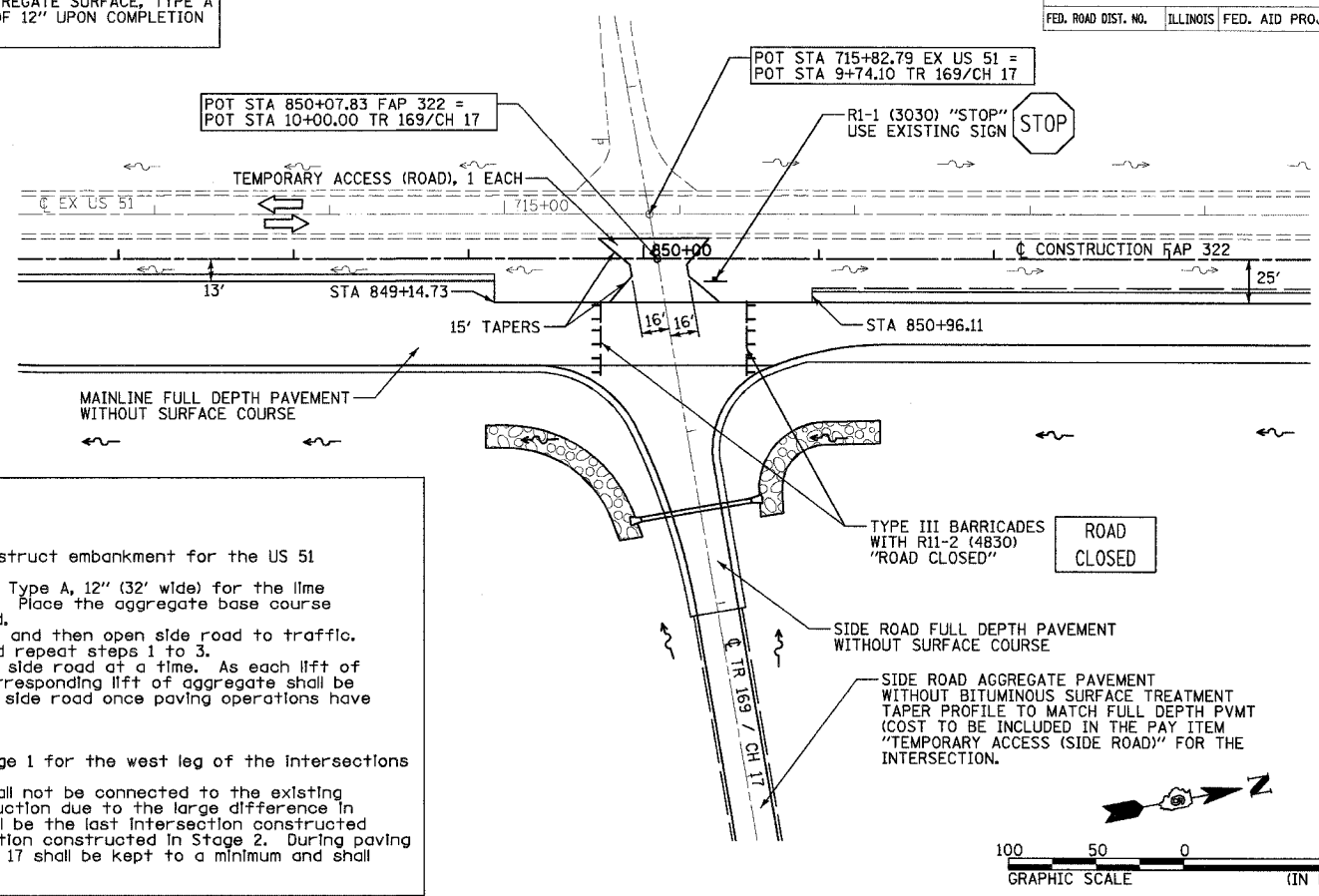
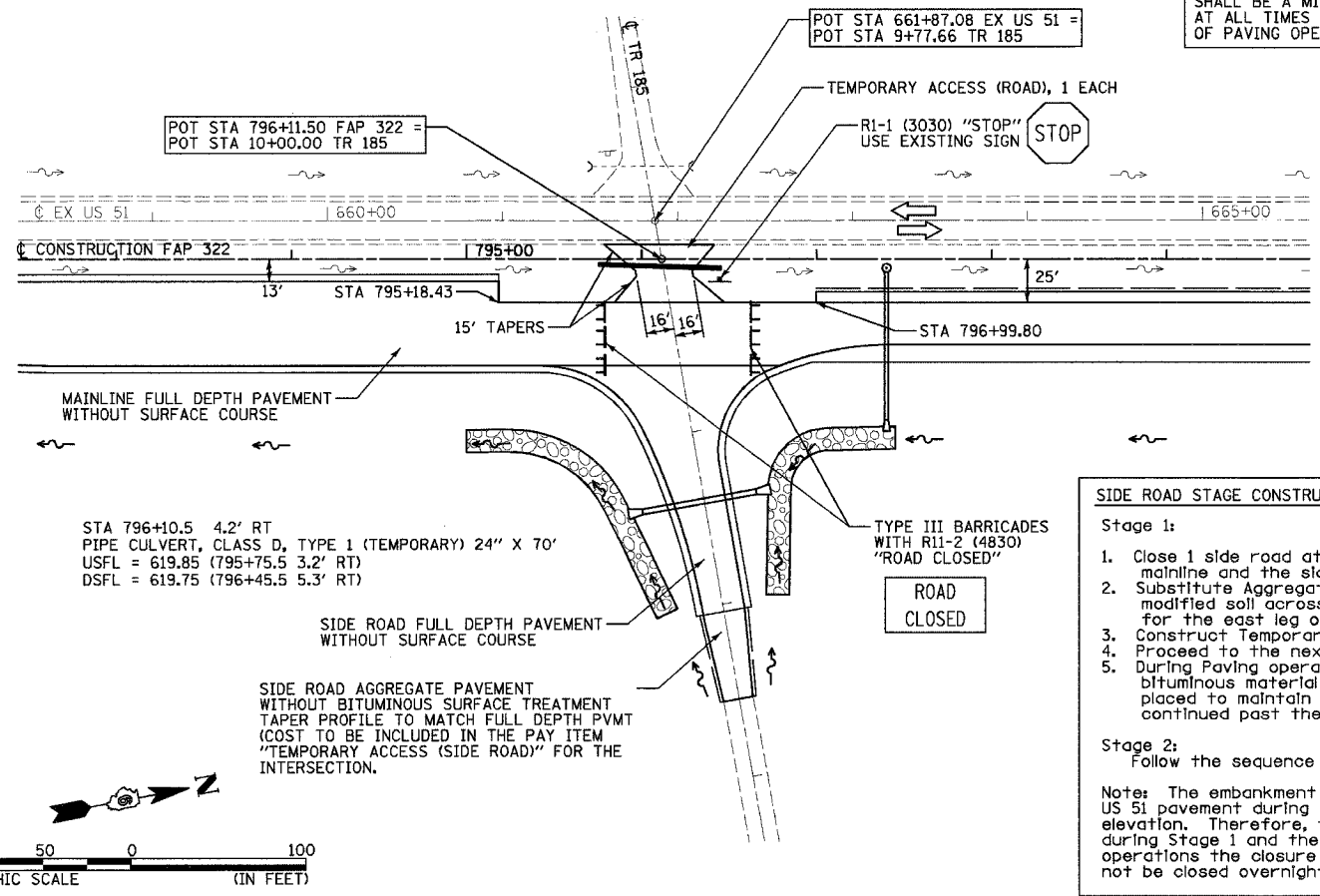
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND STAGING
STAGE 1 - DETAILS "A" & "B"
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY
SCALE: 1"=50'
DATE: 3/29/05
DRAWN BY: SEB
CHECKED BY: EBB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAIL "C"
STAGE 1 - TR 185

DETAIL "D"
STAGE 1 - TR 169 / CH 17



TEMPORARY ACCESS (ROAD) SHALL BE A MINIMUM OF 6" AGGREGATE SURFACE, TYPE A AT ALL TIMES AND A MINIMUM OF 12" UPON COMPLETION OF PAVING OPERATIONS.

SIDE ROAD STAGE CONSTRUCTION

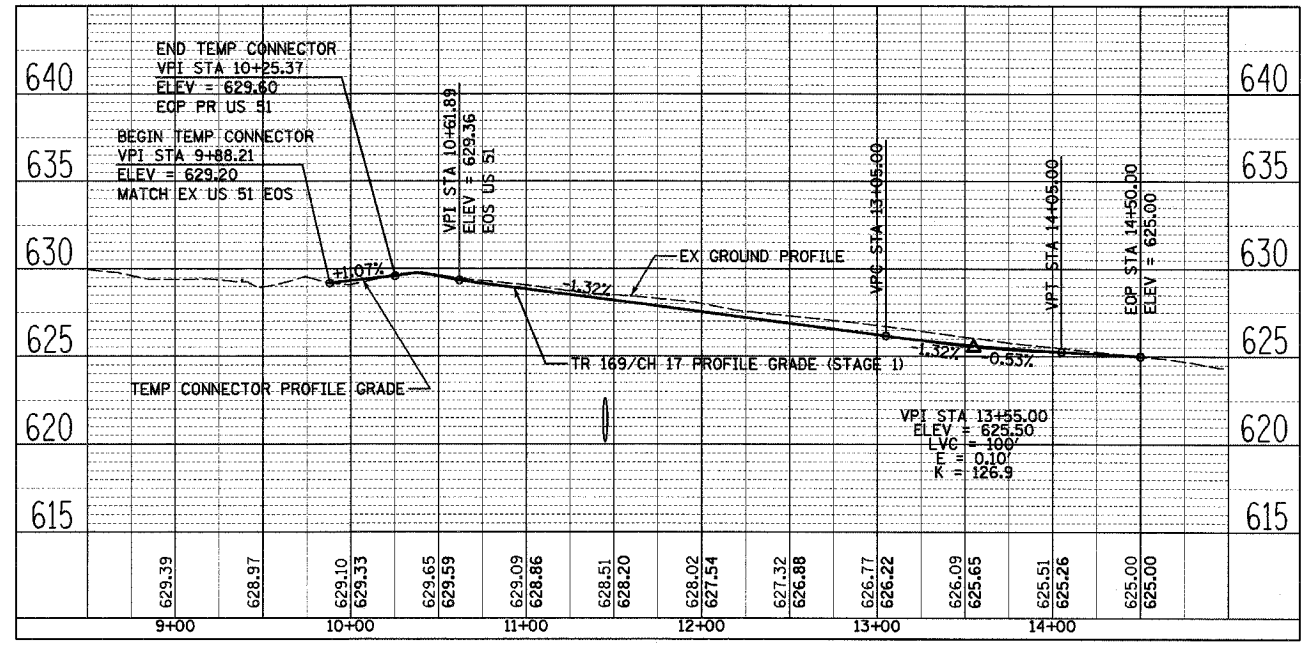
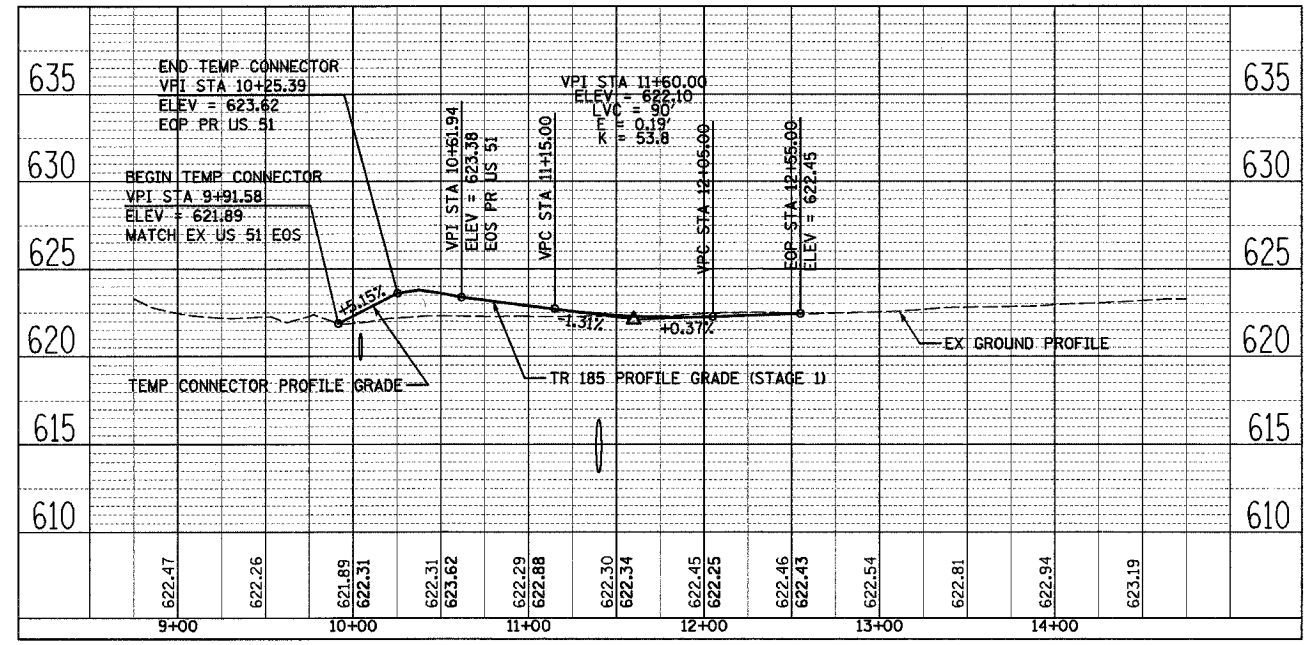
Stage 1:

1. Close 1 side road at a time to construct embankment for the US 51 mainline and the side road.
2. Substitute Aggregate Base Course, Type A, 12" (32' wide) for the lime modified soil across US 51 mainline. Place the aggregate base course for the east leg of the side road.
3. Construct Temporary Access (Road) and then open side road to traffic.
4. Proceed to the next side road and repeat steps 1 to 3.
5. During Paving operations close one side road at a time. As each lift of bituminous material is placed a corresponding lift of aggregate shall be placed to maintain traffic on the side road once paving operations have continued past the intersection.

Stage 2:

Follow the sequence detailed in Stage 1 for the west leg of the intersections

Note: The embankment for TR 151A shall not be connected to the existing US 51 pavement during Stage 1 construction due to the large difference in elevation. Therefore, the TR 151A shall be the last intersection constructed during Stage 1 and the first intersection constructed in Stage 2. During paving operations the closure of TR 169 / CH 17 shall be kept to a minimum and shall not be closed overnight.



TRAFFIC CONTROL SET UP FOR DETAIL "C" AND DETAIL "D" WILL NOT BE MEASURED AND PAID FOR SEPARATELY. THE COST WILL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT BID PRICES OF THE TRAFFIC CONTROL AND PAY ITEMS INCLUDED IN THE CONTRACT. THE TEMPORARY SIGNS, BARRICADES, AND DRUMS WILL REMAIN THE PROPERTY OF THE CONTRACTOR. TEMPORARY PAVEMENT STRIPING SHALL BE PAID FOR SEPARATELY.

REVISIONS	
NAME	DATE

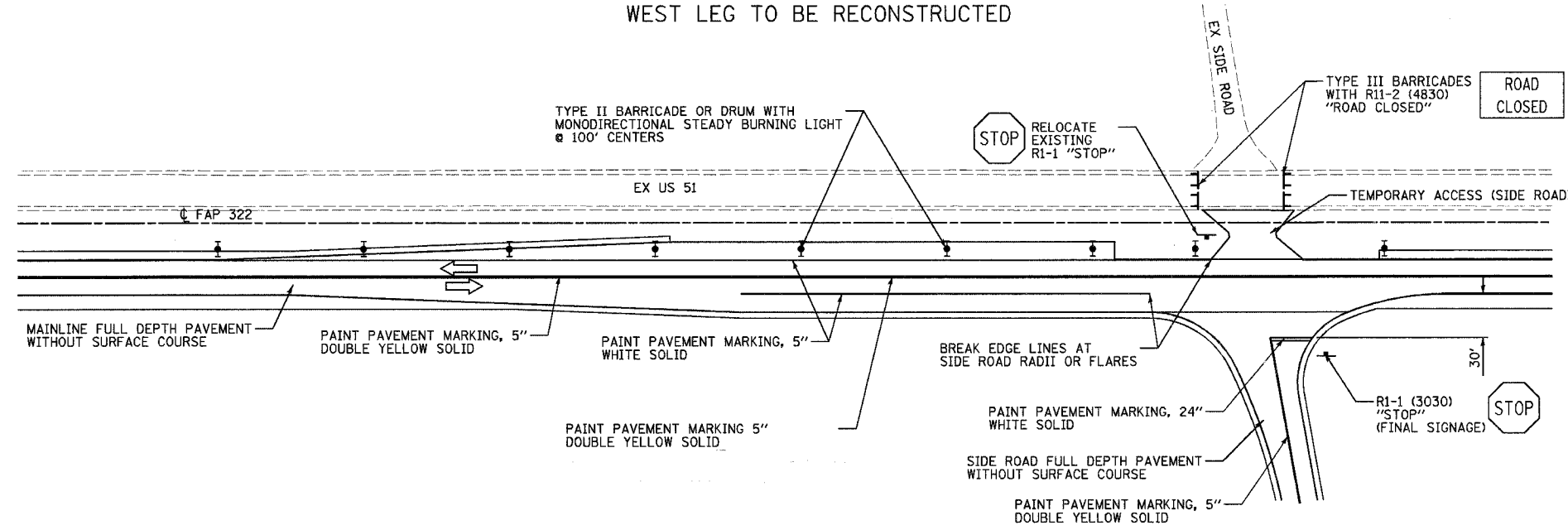
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND STAGING
DETAILS "C" AND "D"
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

SCALE: 1"=50'
DATE: 3/17/05
DRAWN BY: SEB
CHECKED BY: EBB

3/17/2005

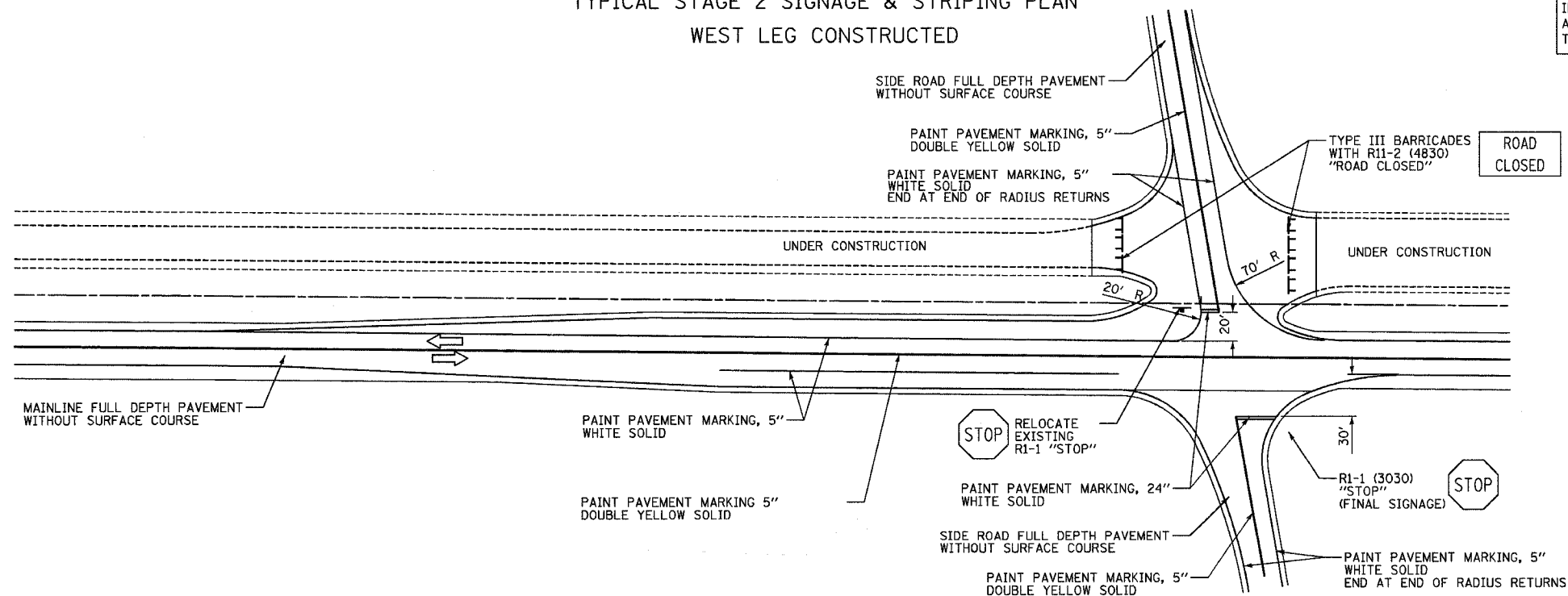
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL STAGE 2 SIGNAGE & STRIPING PLAN
WEST LEG TO BE RECONSTRUCTED

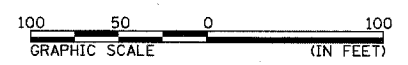


NOTES:
ALL SIGNS SHALL BE MOUNTED ACCORDING TO STANDARD 702001 OR METHOD APPROVED BY THE ENGINEER.
THE TRAFFIC CONTROL SET UP FOR SIDE ROAD INTERSECTIONS DURING STAGE CONSTRUCTION WILL NOT BE MEASURED AND PAID FOR SEPERATELY. THE COST WILL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT BID PRICES OF THE TRAFFIC CONTROL AND PAY ITEMS INCLUDED IN THE CONTRACT. THESE TEMPORARY SIGNS, BARRICADES, AND DRUMS WILL REMAIN THE PROPERTY OF THE CONTRACTOR. TEMPORARY PAVEMENT STRIPING SHALL BE PAID FOR SEPERATELY.

TYPICAL STAGE 2 SIGNAGE & STRIPING PLAN
WEST LEG CONSTRUCTED



SEE STRIPING PLAN (SHEETS 109 - 125) FOR STRIPING ON TOP LIFT OF FULL-DEPTH PAVEMENT.



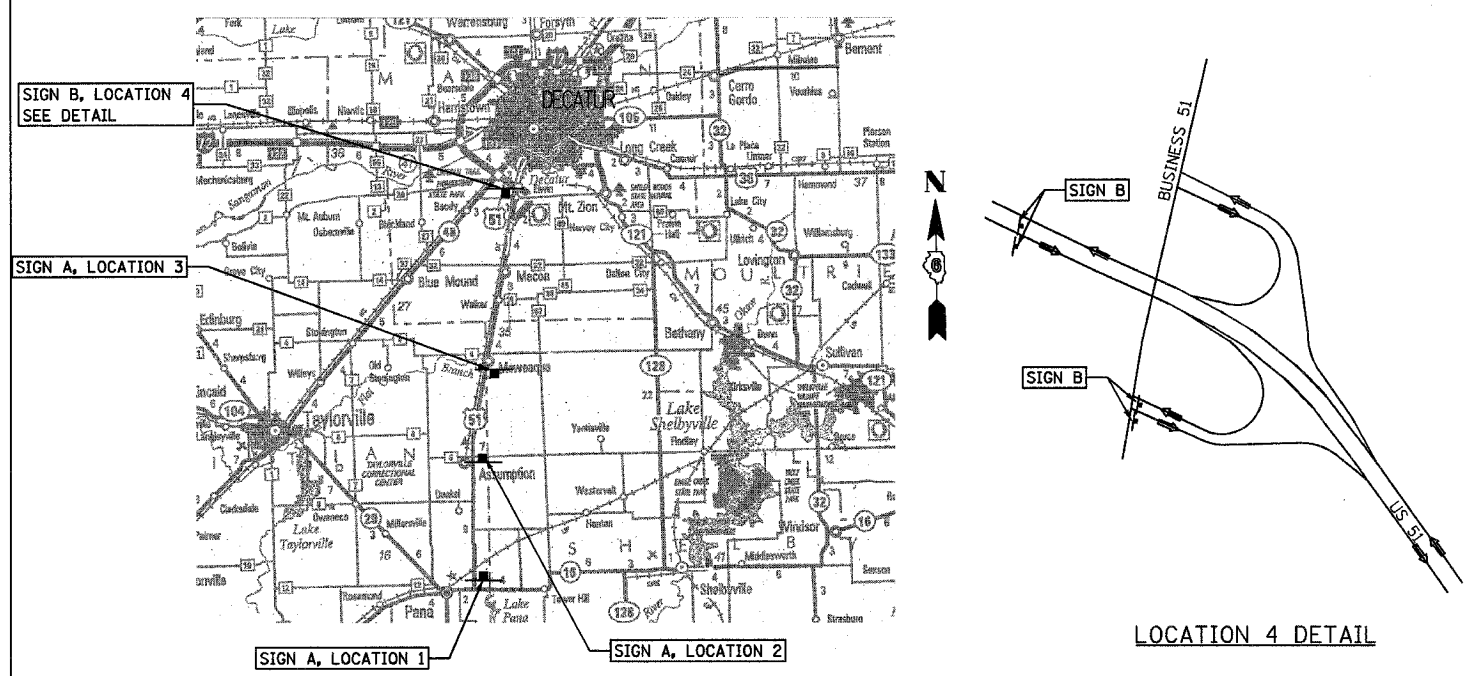
REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND STAGING
SIGNAGE AND STRIPING
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

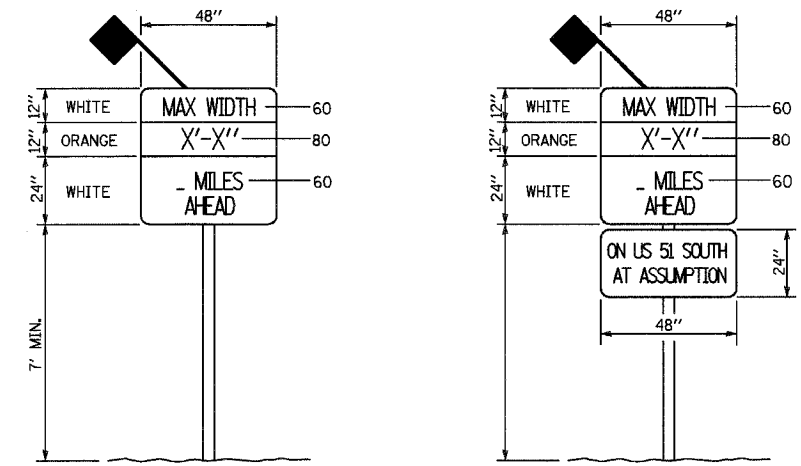
SCALE: 1"=50'
DATE: 3/17/05

DRAWN BY: SEB
CHECKED BY: EBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



WIDTH RESTRICTION SIGNING LOCATIONS

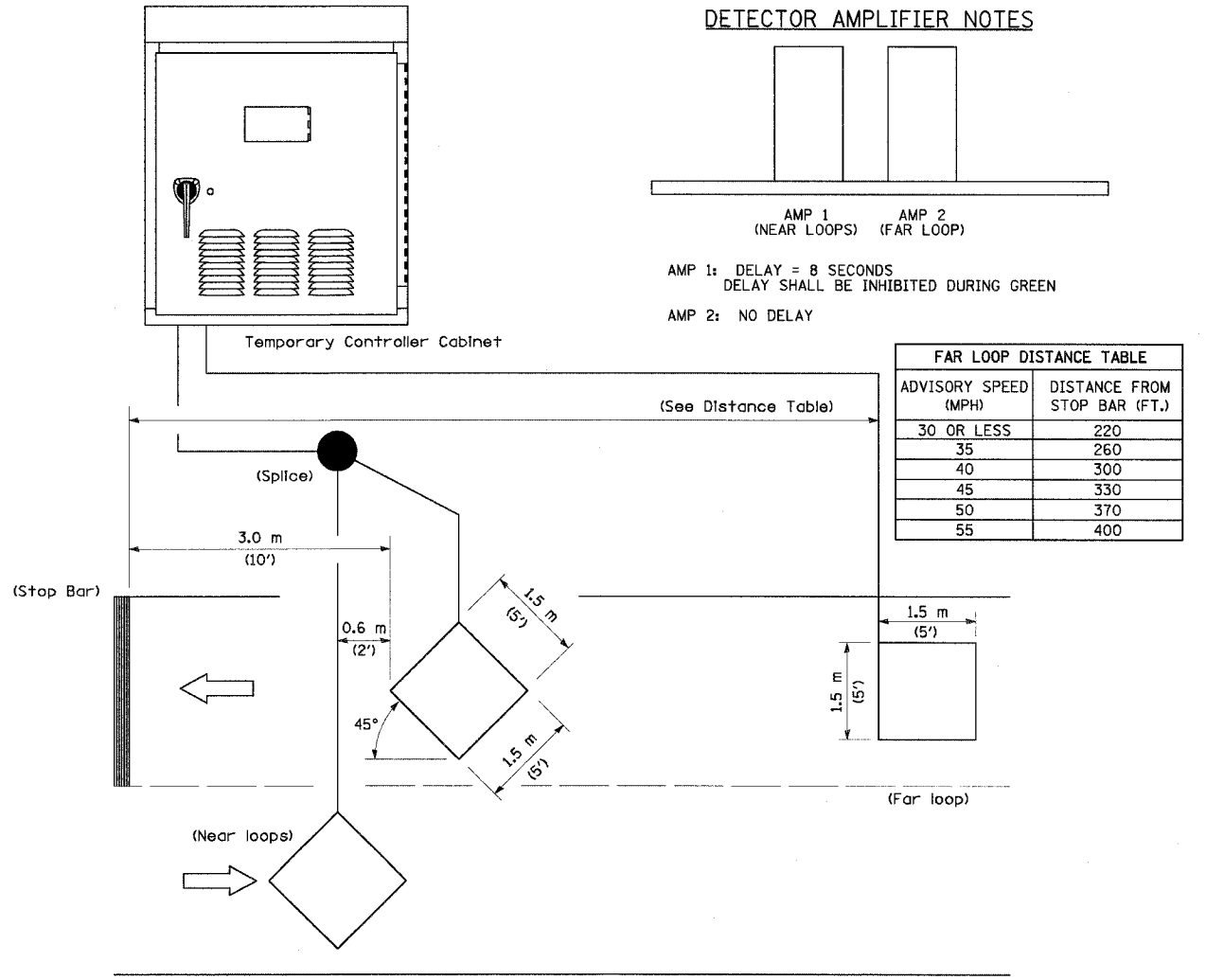


SIGN A
(WIDTH RESTRICTION SIGN)

SIGN B
(WIDTH RESTRICTION SIGN)

LOCATION	SIGN	DISTANCE	NUMBER & MOUNTING
1 US 51 AT IL 16	A	10 MILES AHEAD	1 POST MOUNTED
2 US 51 AT CH 6	A	1 MILE AHEAD	1 POST MOUNTED
3 US 51 AT CH 4	A	6 MILES AHEAD	2 ON TY III BARRICADES
4 US 51 & BUS. 51	B	19 MILES AHEAD	4 ON TY III BARRICADES

THE COST OF FURNISHING, INSTALLING, AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE UNIT PRICE FOR THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)".



DETECTOR AMPLIFIER NOTES

AMP 1 (NEAR LOOPS) AMP 2 (FAR LOOP)

AMP 1: DELAY = 8 SECONDS
DELAY SHALL BE INHIBITED DURING GREEN

AMP 2: NO DELAY

ADVISORY SPEED (MPH)	DISTANCE FROM STOP BAR (FT.)
30 OR LESS	220
35	260
40	300
45	330
50	370
55	400

NOTE: All loops centered in lane.

INDUCTION LOOP DETECTOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 STAGE CONSTRUCTION
 TRAFFIC DETAILS
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: NONE DRAWN BY BGJ
 DATE 3/17/05 CHECKED BY SEB

3/29/2005

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ESTIMATED DATES

AUGUST 1, 2005
ANTICIPATED START

DECEMBER 15, 2005

MARCH 15, 2006

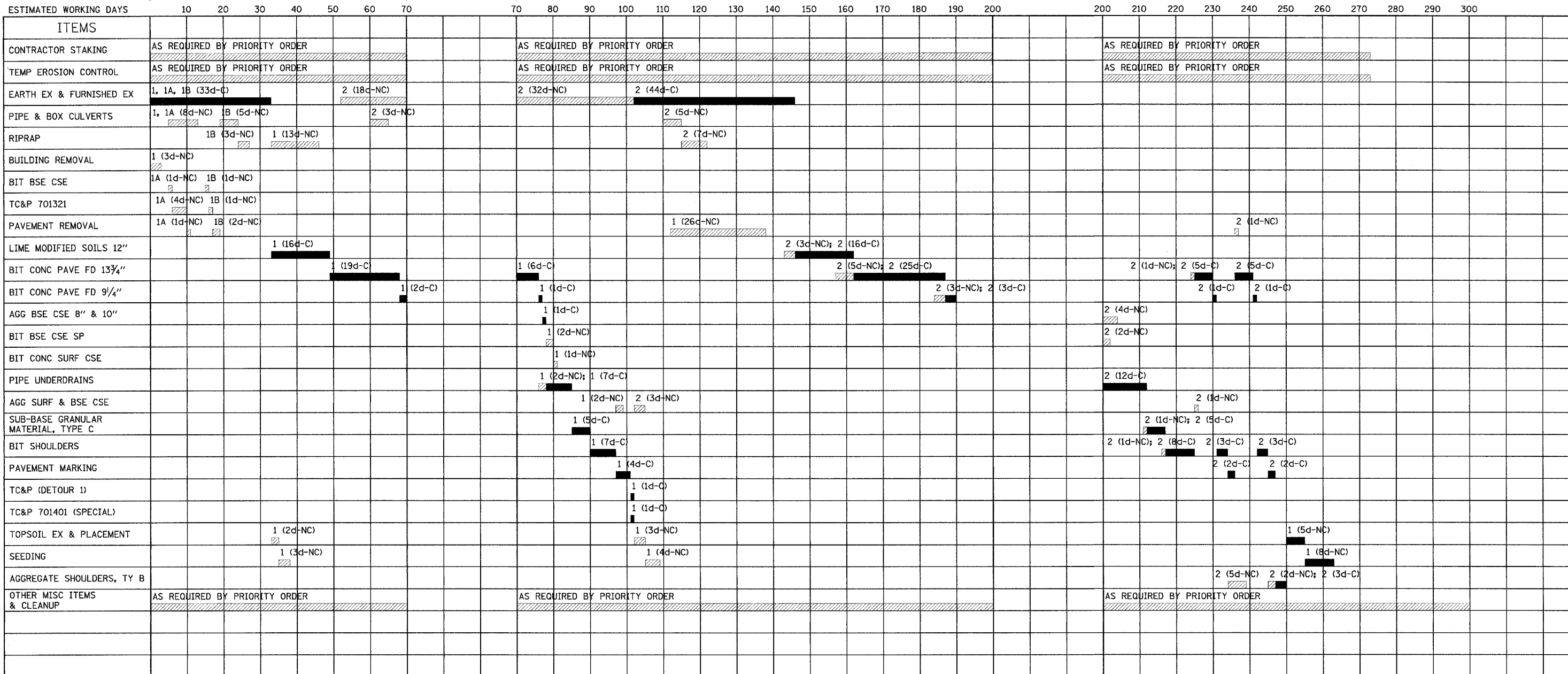
MAY 1, 2006

DECEMBER 15, 2006

MARCH 15, 2007

MAY 1, 2007

OCT 1, 2007
COMPLETION DATE



STAGE DESIGNATION

STAGE (PORTION OF PROJECT)	DESCRIPTION
1A	WEST SIDE BOX CULVERT STA 767+70
1B	EAST SIDE BOX CULVERT STA 767+70
1	NB LANES STA 775+00 TO STA 963+93
2	SB LANES STA 778+00 TO STA 974+20

LEGEND

NON-CONTROLLING CONSTRUCTION ACTIVITY ITEM (SEE TRAFFIC CONTROL PLAN IN SPECIAL PROVISIONS)

CONTROLLING CONSTRUCTION ACTIVITY ITEM (SEE TRAFFIC CONTROL PLAN IN SPECIAL PROVISIONS)

d = ESTIMATED NUMBER OF WORKING DAYS
C = CONTROLLING ITEM (CRITICAL PATH)
NC = NON-CONTROLLING ITEM

NOTE: FREE FLOAT NOT SHOWN FOR NON-CONTROLLING ITEMS

THIS ANTICIPATED CONSTRUCTION ACTIVITY BAR CHART IS INCLUDED IN THE PLANS TO AID THE CONTRACTOR IN SCHEDULING WORK ACTIVITIES AND FOR BIDDING PURPOSES; HOWEVER, THIS TIME SCHEDULE SHOULD ONLY BE USED AS A GUIDE, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH HIS/HER OWN TIME SCHEDULE FOR SCHEDULING AND BIDDING PURPOSES.

REVISIONS	
NAME	DATE
OCT 1 - SEB	4/1/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
ANTICIPATED CONSTRUCTION
ACTIVITY BAR CHART
FAP 322 (US 51)
SECTION 11-1
CHRISTIAN COUNTY

SCALE: NONE DRAWN BY EBB
DATE 3/21/05 CHECKED BY SEB

SW 1/4 SEC 36, T13N, R1E, 3RD PM

SEE SHEET 102 FOR 714+45 CROSSOVER GEOMETRICS

2- STA 714+45.0 84.7' LT PIPE CULVERT, CS/A, TY 1, 30" Ø, 86' USFL = 632.75 (714+05.4, 84.6' RT) DSFL = 631.89 (714+91.4, 84.9' LT)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

VIVIAN WENDLING
PARCEL NO. 6085167

1- STA 713+45.0 4.0' LT MEDIAN INLET (STD 604101), 1 EACH REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER, STD 542606, 1 EACH PIPE CULVERT, RCCP, TYPE 2, 24" X 82" (PAY LENGTH) USFL = 632.35 DSFL = 630.95 CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH TRENCH BACKFILL, 17.4 CU YD

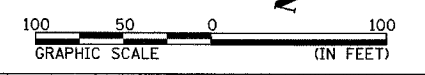
JAMES R. HAVERA
PARCEL NO. 6085168

JAMES R. HAVERA
PARCEL NO. 6085168

VIVIAN WENDLING
PARCEL NO. 6085167

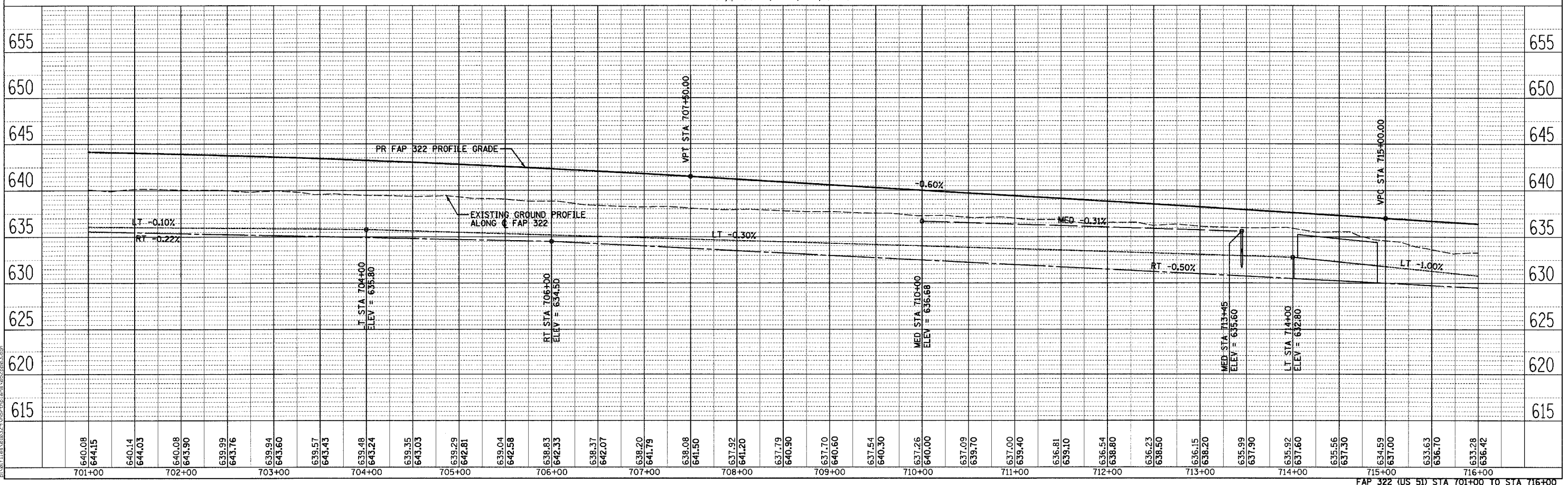
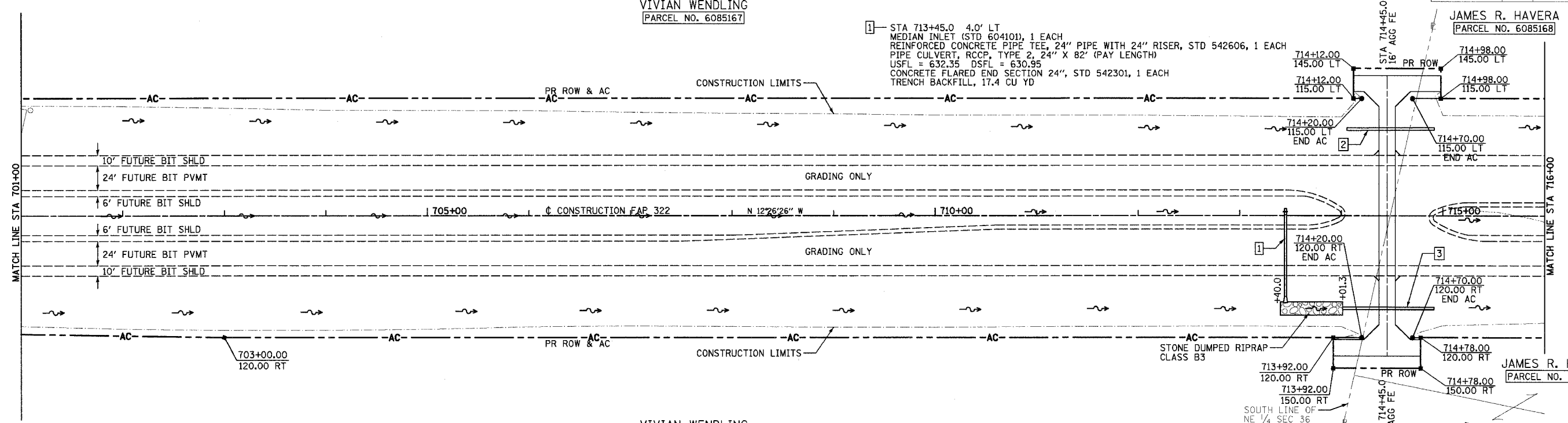
3- STA 714+45.0 91.0' RT PIPE CULVERT, CS/A, TY 2, 30" Ø, 90' USFL = 630.49 (714+01.3, 90.9' RT) DSFL = 630.04 (714+91.3, 91.0' RT)

SW 1/4 SEC 36, T13N, R1E, 3RD PM



PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	BY	
	DATE	

PROF. ILE.	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
	BY	
	DATE	

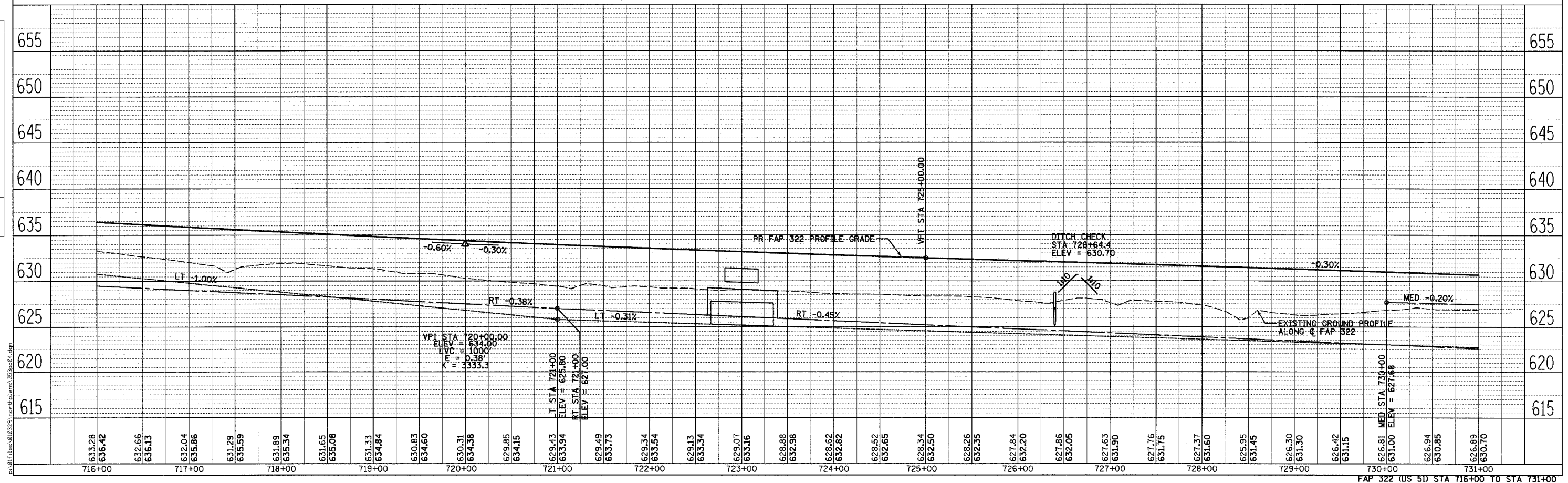
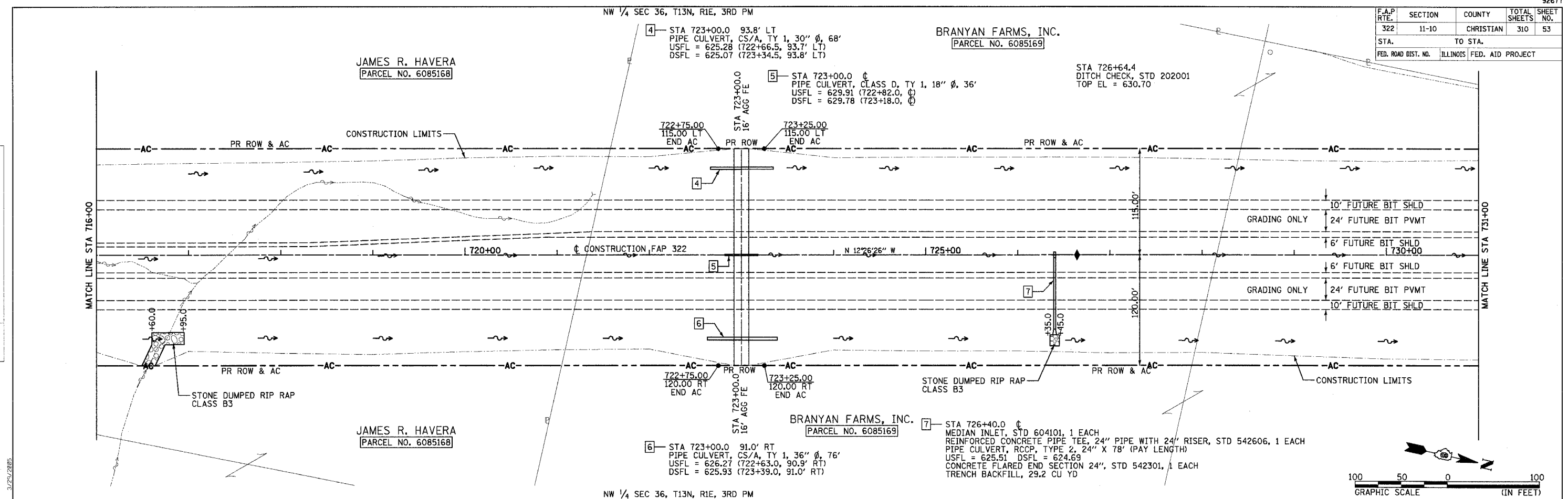


FAP 322 (US 51) STA 701+00 TO STA 716+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		
PAY FILE NAME		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		
STRUCTURE NOTATIONS CHD		

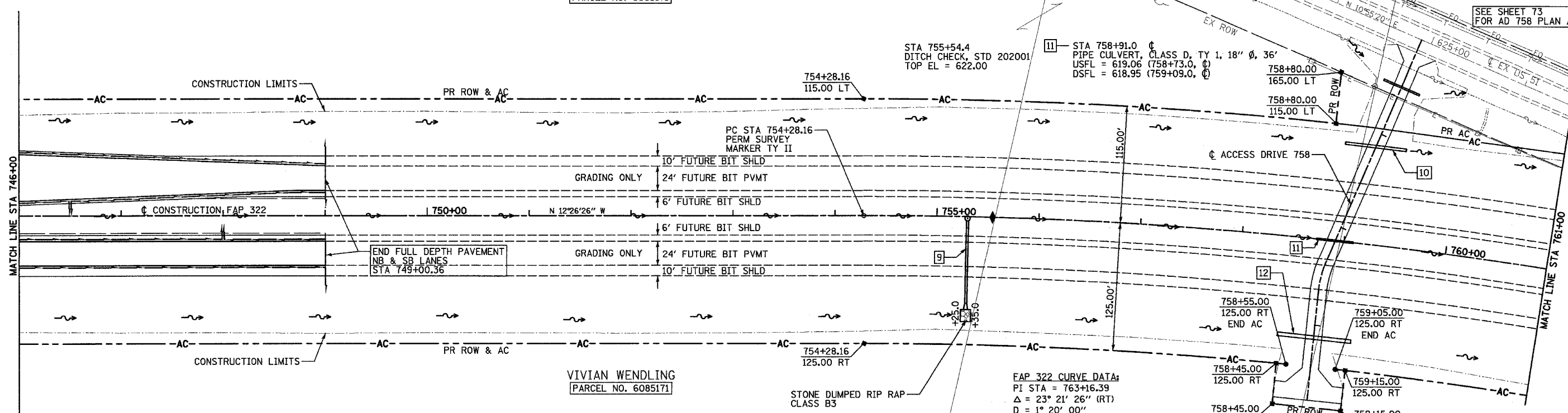


SW 1/4 SEC 25, T13N, R1E, 3RD PM

VIVIAN WENDLING
PARCEL NO. 6085171

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE SHEET 73
FOR AD 758 PLAN AND PROFILE



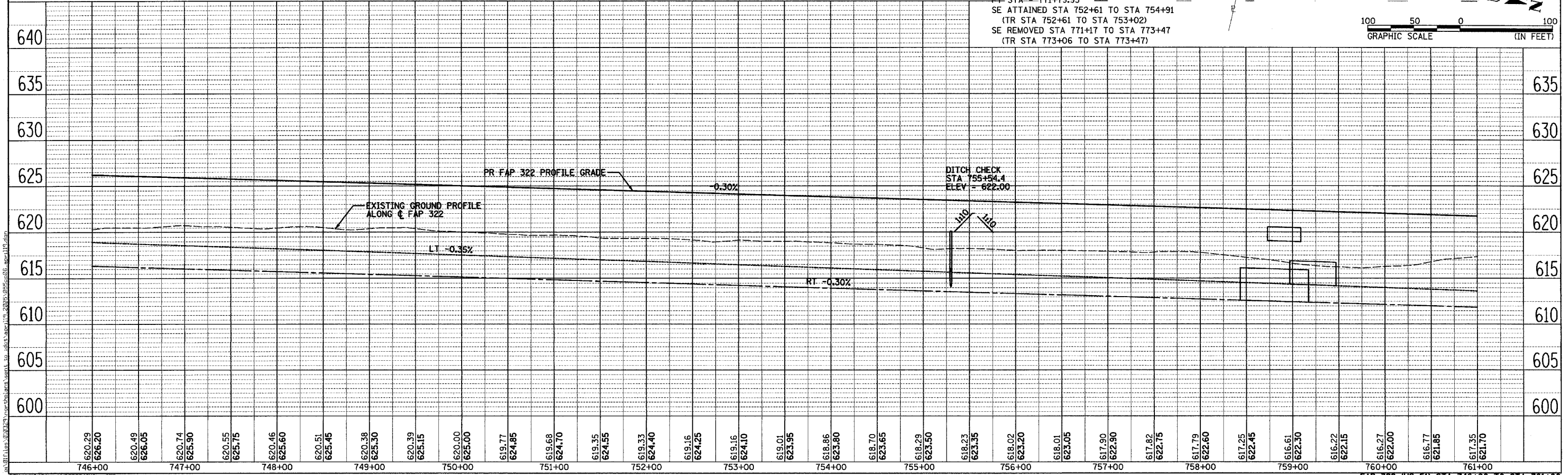
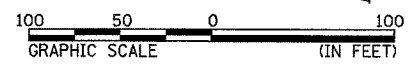
FAP 322 CURVE DATA:
 PI STA = 763+16.39
 $\Delta = 23^\circ 21' 26''$ (RT)
 $D = 1^\circ 20' 00''$
 $R = 4,297.18'$
 $T = 888.23'$
 $L = 1,751.79'$
 $E = 90.84'$
 $SE = 4.2\%$
 PC STA = 754+28.16
 PT STA = 771+79.95
 SE ATTAINED STA 752+61 TO STA 754+91
 (TR STA 752+61 TO STA 753+02)
 SE REMOVED STA 771+17 TO STA 773+47
 (TR STA 773+06 TO STA 773+47)

9- STA 755+30.0 1.25' RT
 MANHOLE, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (STD 60410),
 FLAT SLAB TOP, 1 EACH
 PIPE CULVERT, RCCP, TYPE 2, 24" X 82' (PAY LENGTH)
 USFL = 614.48 DSFL = 613.65
 CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
 TRENCH BACKFILL, 45.3 CU YD

SW 1/4 SEC 25, T13N, R1E, 3RD PM

VIVIAN WENDLING
PARCEL NO. 6085171

IRENE MORRISON TRUST
PARCEL NO. 6085172



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SW 1/4 SEC 25, T13N, R1E, 3RD PM

NW 1/4 SEC 25, T13N, R1E, 3RD PM

NW 1/4 SEC 25, T13N, R1E, 3RD PM

SW 1/4 SEC 25, T13N, R1E, 3RD PM

13 - STA 767+37.0 10.2' LT
PIPE CULVERTS, CLASS D, TYPE 1 30" X 50"
USFL = 611.90 (767+12.5, 13.2' LT)
DSFL = 611.46 (767+61.5, 7.2' LT)
END SECTION, 30", 1 EACH

15 - STA 768+00.0 6.3' LT
INLET, TYPE A, WITH MEDIAN INLET (STD 604101),
PIPE CULVERTS, CLASS D, TYPE 1 12" X 22"
USFL = 613.40
DSFL = 613.20 (767+77.2; 2.2' LT)

PC STA 100+00.00 SB TRANSITION =
POT STA 636+10.90 EX US 51

16 - STA 772+04.0 84.5' LT
PIPE CULVERT, RCCP, TY 1, 36" ERS Ø, 110"
USFL = 616.13 (772+58.6, 84.5' LT)
DSFL = 616.04 (771+48.6, 84.5' LT)
CONCRETE FLARED END SECTIONS, 36" ERS, STD 542306, 2 EACH
TRENCH BACKFILL, 6.6 CU YD

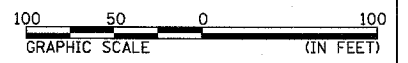
FAP 322 CURVE DATA:
PI STA = 763+16.39
Δ = 23° 21' 26" (RT)
D = 1° 20' 00"
R = 4,297.18'
T = 888.23'
L = 1,751.79'
E = 90.84'
SE = 4.2%
PC STA = 754+28.16
PT STA = 771+79.95
SE ATTAINED STA 752+61 TO STA 754+91
(TR STA 752+61 TO STA 753+02)
SE REMOVED STA 771+17 TO STA 773+47
(TR STA 773+06 TO STA 773+47)

18 - STA 772+04.0 98.5' RT
PIPE CULVERT, CS/A, TY 2, 48" Ø, 74"
USFL = 610.37 (772+40.9, 98.5' RT)
DSFL = 610.28 (771+66.9, 98.5' RT)

STA 767+70.0
ROCKFILL-FOUNDATION 180 TONS (ESTIMATED)
GROUND IMPROVEMENTS MAY BE REQUIRED PRIOR TO CULVERT CONSTRUCTION.
SEE SCHEDULE OF QUANTITIES. THE ENGINEER WILL DETERMINE THE NEED
FOR GROUND IMPROVEMENT AFTER EXCAVATION TO THE THEORETICAL BOTTOM
OF BEDDING ELEVATION.

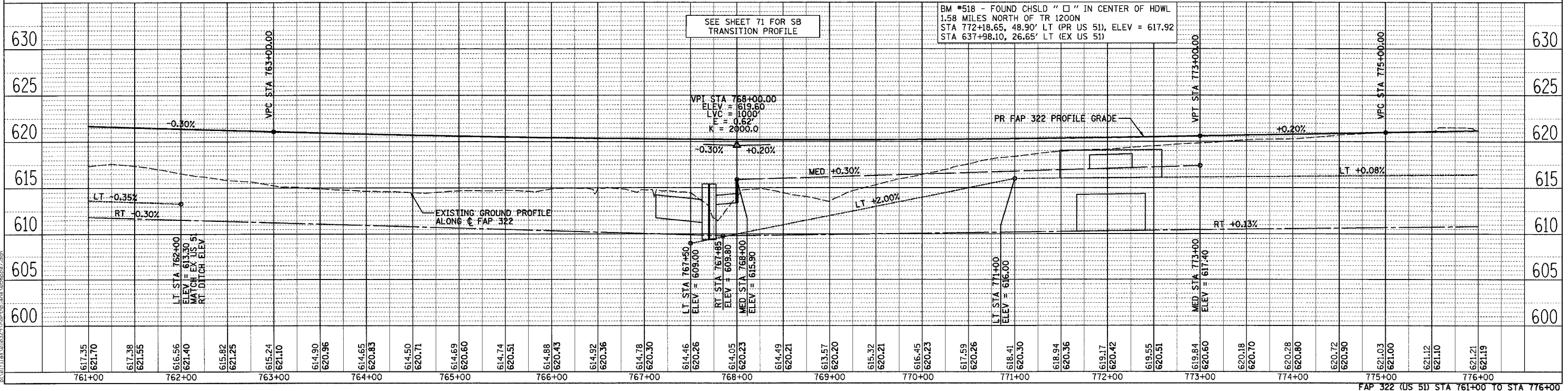
14 - STA 767+70.0 SKEW 10° RT AH
DOUBLE PRECAST CONC BOX CULVERT, 7' X 6' X 166"
USFL = 609.73, 79.4' RT, 767+84.3
DSFL = 609.08, 84.1' LT, 767+55.5
CAST-IN-PLACE END SECTION (SEE DETAIL SHEETS 158-159)
DRAINAGE AREA = 1478 AC
Q50 = 577 CFS Q100 = 666 CFS

SEE SHEET 71 FOR
CROSSOVER "A" &
SB TRANSITION DETAILS



PLAN SURVEYED PLOTTED CHECKED
NOTE BOOK NO. DATE
NO. DATE

PROF. ILE. SURVEYED PLOTTED CHECKED
NOTE BOOK NO. DATE
NO. DATE



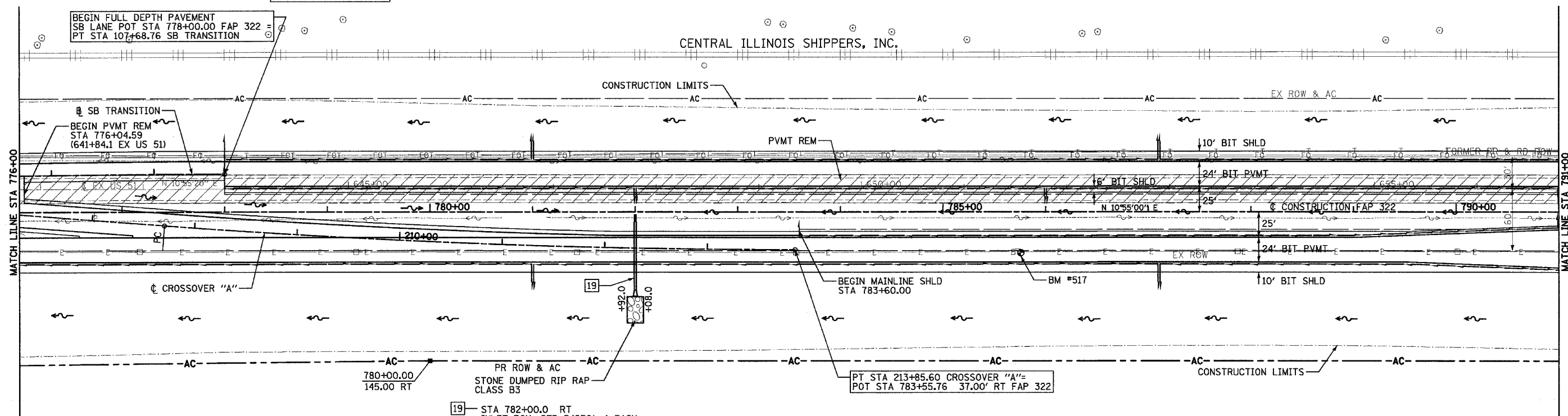
FAP 322 (US 51) STA 761+00 TO STA 776+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SEE SHEET 71 FOR CROSSOVER "A" & SB TRANSITION DETAILS

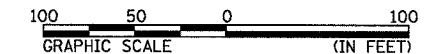
BEGIN FULL DEPTH PAVEMENT
SB LANE POT STA 778+00.00 FAP 322 =
PT STA 107+68.76 SB TRANSITION

CENTRAL ILLINOIS SHIPPERS, INC.



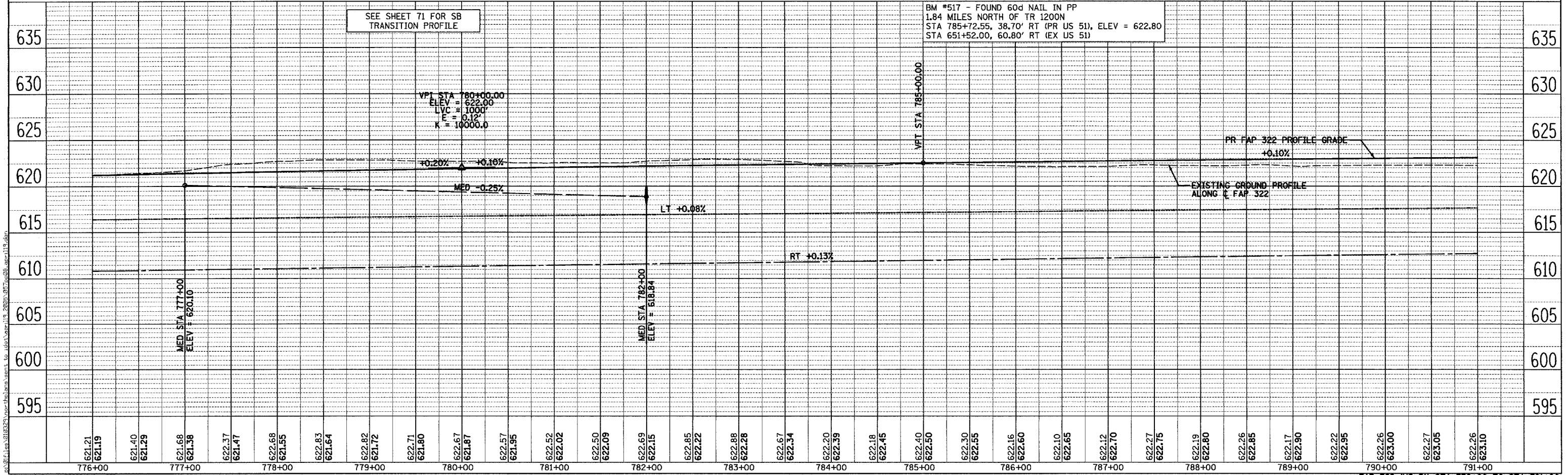
19 STA 782+00.0 RT
INLET BOX, STD 542501, 1 EACH
PIPE CULVERT, RCCP, TYPE 1, 24" X 68" (PAY LENGTH)
USFL = 617.44 DSFL = 616.22
CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
TRENCH BACKFILL, 9.0 CU YD

IRENE MORRISON TRUST
PARCEL NO. 6085172



SEE SHEET 71 FOR SB TRANSITION PROFILE

BM #517 - FOUND 60d NAIL IN PP
1.84 MILES NORTH OF TR 1200N
STA 785+72.55, 38.70' RT (PR US 51), ELEV = 622.80
STA 651+52.00, 60.80' RT (EX US 51)



REVISIONS
NO. DATE BY
1 4/24/2005 [Name]
2 [Name]
3 [Name]

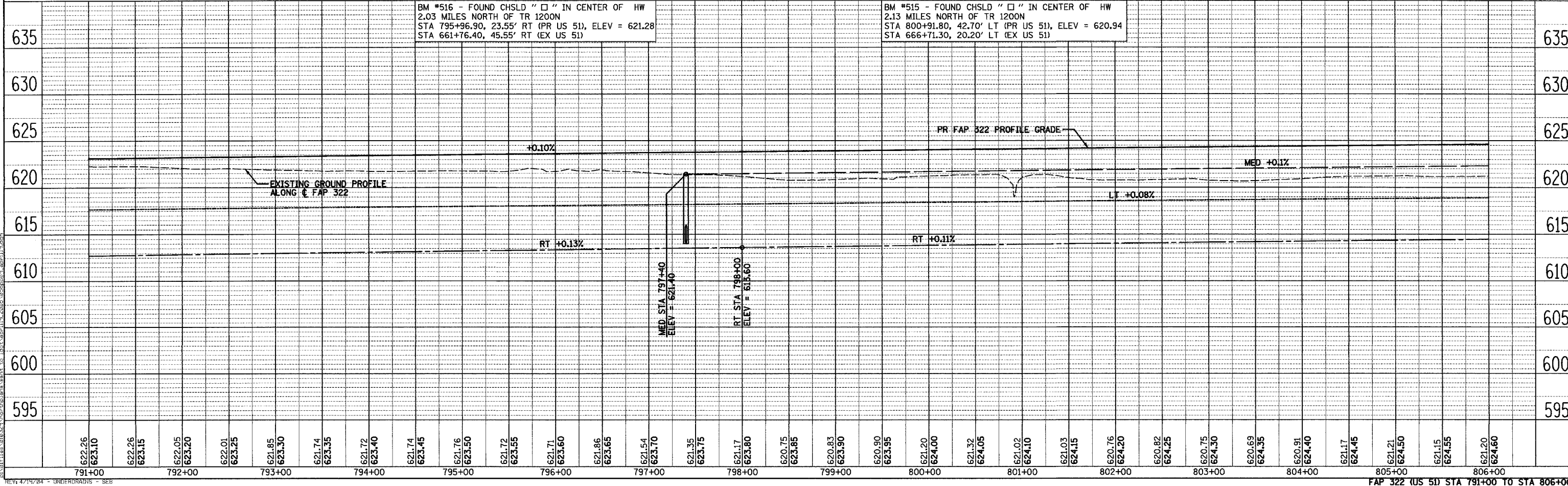
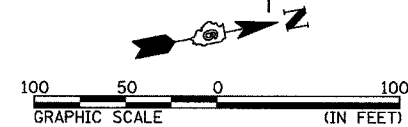
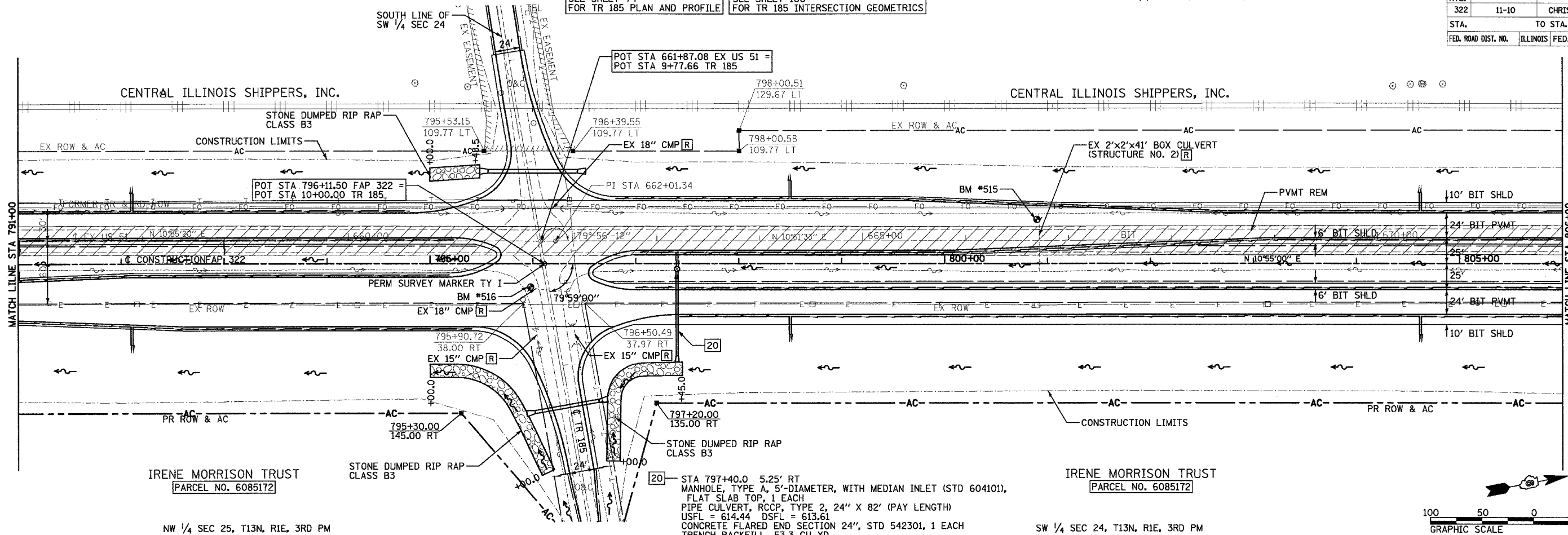
REVISIONS
NO. DATE BY
1 4/24/2005 [Name]
2 [Name]
3 [Name]

NW 1/4 SEC 25, T13N, R1E, 3RD PM

SW 1/4 SEC 24, T13N, R1E, 3RD PM

SEE SHEET 74 FOR TR 185 PLAN AND PROFILE
SEE SHEET 106 FOR TR 185 INTERSECTION GEOMETRICS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FAP 322 (US 51) STA 791+00 TO STA 806+00

SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK
 NO. _____
 CAD FILE NAME
 NO. _____

SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK
 NO. _____
 STRUCTURE NOTATIONS
 NO. _____

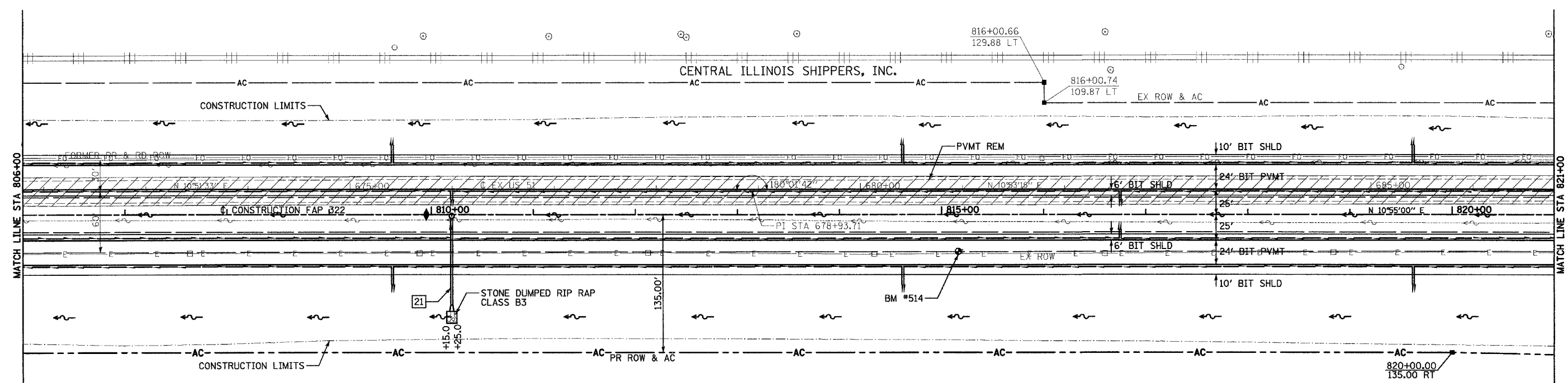
4/28/2005

REV: 4/19/04 - UNDERDRAINS - SEE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

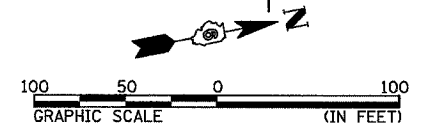
SW 1/4 SEC 24, T13N, R1E, 3RD PM

STA 809+95.2
DITCH CHECK, STD 202001
TOP EL = 623.67

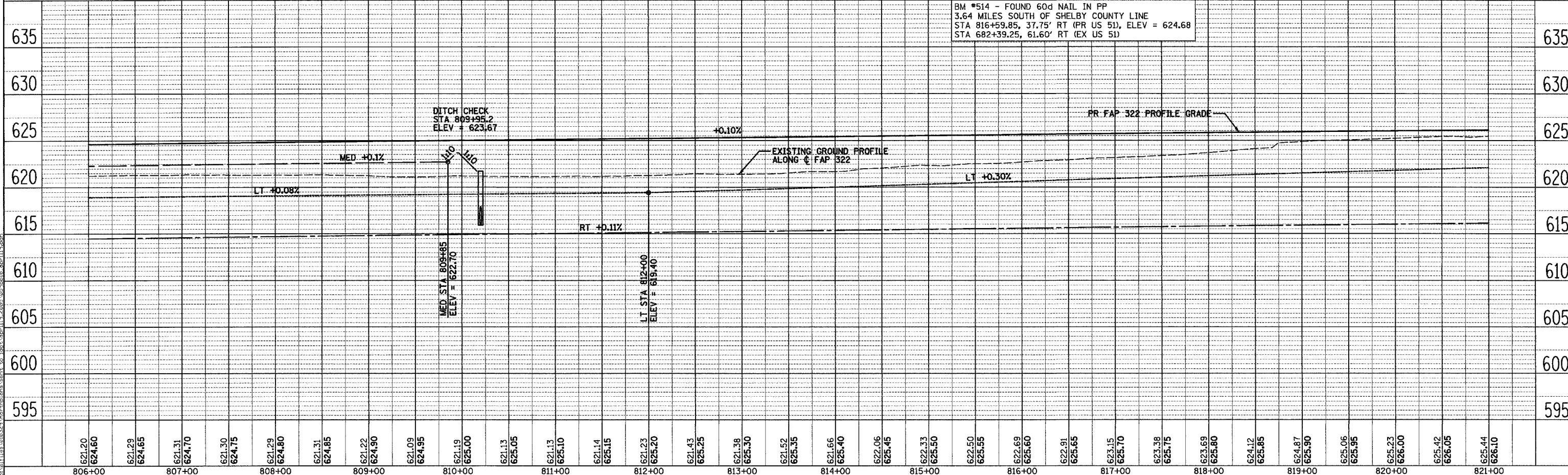


21 - STA 810+20.0 1.25' RT
MANHOLE, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (STD 604101),
FLAT SLAB TOP, 1 EACH
PIPE CULVERT, RCCP, TYPE 2, 24" X 86" (PAY LENGTH)
USFL = 615.90 DSFL = 615.03
CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
TRENCH BACKFILL, 51.6 CU YD

IRENE MORRISON TRUST
[PARCEL NO. 6085172]



SW 1/4 SEC 24, T13N, R1E, 3RD PM



SURVEYED
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 FILE NAME

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SW 1/4 SEC 24, T13N, R1E, 3RD PM

NW 1/4 SEC 24, T13N, R1E, 3RD PM

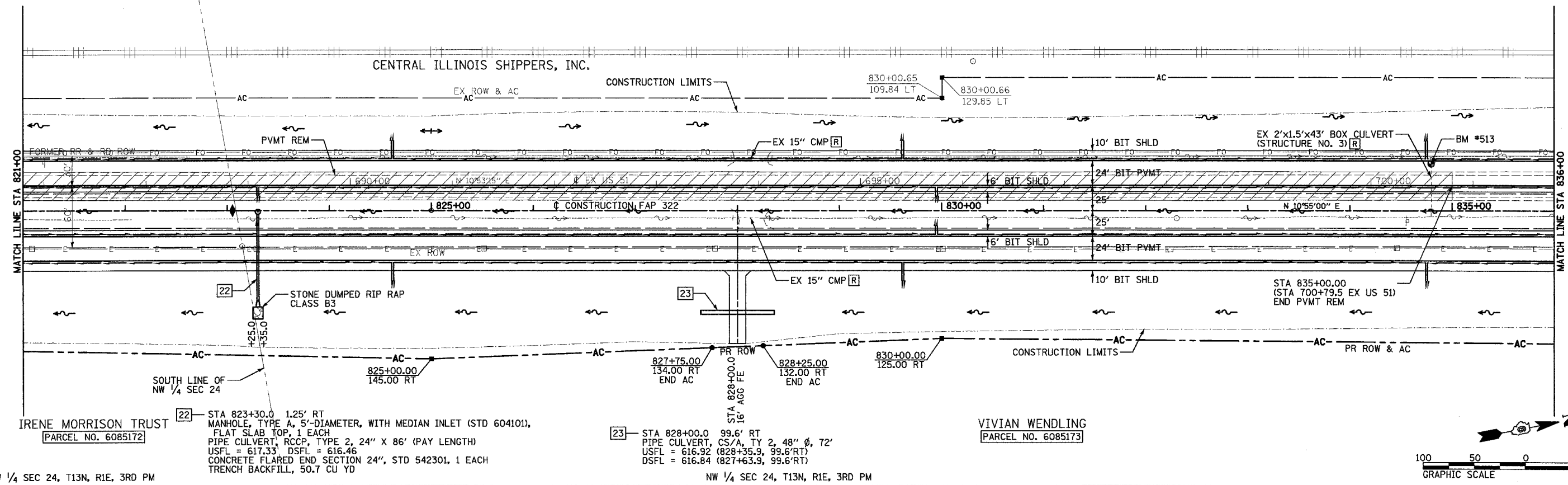
STA 823+05.1
DITCH CHECK, STD 202001
TOP EL = 624.94

CENTRAL ILLINOIS SHIPPERS, INC.

CONSTRUCTION LIMITS

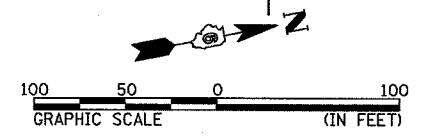
830+00.65
109.84 LT

830+00.66
129.85 LT



SURVEYED
 PLOTTED
 CHECKED
 REVISIONS
 NO. DATE
 STRUCTURE NOTATIONS CHECKED
 NO. DATE

SURVEYED
 PLOTTED
 CHECKED
 REVISIONS
 NO. DATE
 STRUCTURE NOTATIONS CHECKED
 NO. DATE



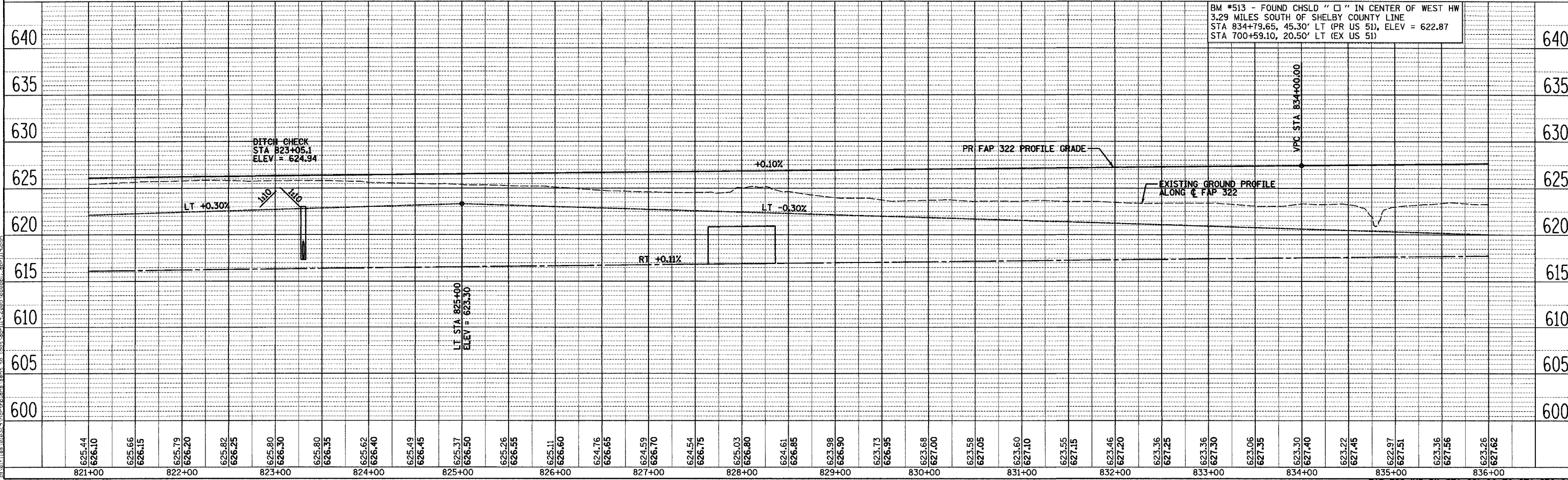
SW 1/4 SEC 24, T13N, R1E, 3RD PM

NW 1/4 SEC 24, T13N, R1E, 3RD PM

22 - STA 823+30.0 1.25' RT
MANHOLE, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (STD 604101),
FLAT SLAB TOP, 1 EACH
PIPE CULVERT, RCCP, TYPE 2, 24" X 86' (PAY LENGTH)
USFL = 617.33, DSFL = 616.46
CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
TRENCH BACKFILL, 50.7 CU YD

23 - STA 828+00.0 99.6' RT
PIPE CULVERT, CS/A, TY 2, 48" Ø, 72'
USFL = 616.92 (828+35.9, 99.6' RT)
DSFL = 616.84 (827+63.9, 99.6' RT)

VIVIAN WENDLING
PARCEL NO. 6085173



BM #513 - FOUND CHSLD "□" IN CENTER OF WEST HW
3.29 MILES SOUTH OF SHELBY COUNTY LINE
STA 834+79.65, 45.30' LT (PR US 51), ELEV = 622.87
STA 700+59.10, 20.50' LT (EX US 51)

24 - STA 837+75.00
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 42" X 76' (PAY LENGTH)
 USFL = 619.39 FL = 618.77
 MEDIAN INLET, STD 604101, 1 EACH
 REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 24" RISER, STD 542606, 1 EACH
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 42" X 80' (PAY LENGTH)
 FL = 618.72 DSFL = 618.08
 CONCRETE FLARED END SECTION 42", STD 542301, 2 - EACH
 TRENCH BACKFILL, 93.8 CU YD
 DRAINAGE AREA = 39 AC
 Q50 = 82 CFS Q100 = 100 CFS

NW 1/4 SEC 24, T13N, R1E, 3RD PM

SEE SHEET 75
 FOR TR 169/CH 17 PLAN AND PROFILE

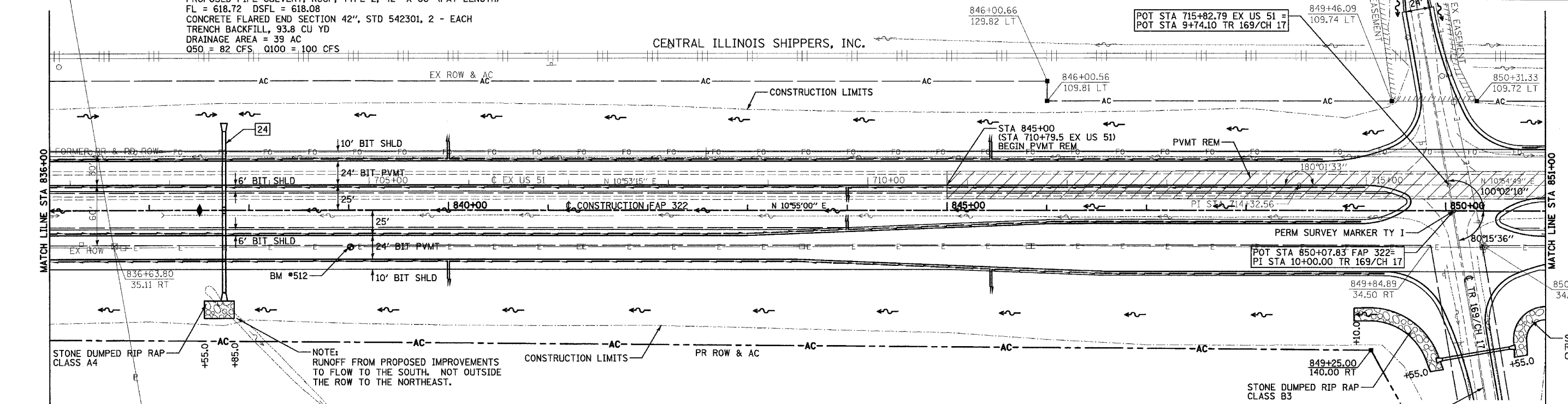
SEE SHEET 107
 FOR TR 169/CH 17 INTERSECTION GEOMETRICS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	61

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

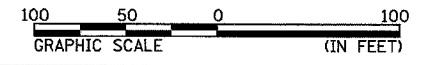
CENTRAL ILLINOIS SHIPPERS, INC.

CONSTRUCTION LIMITS

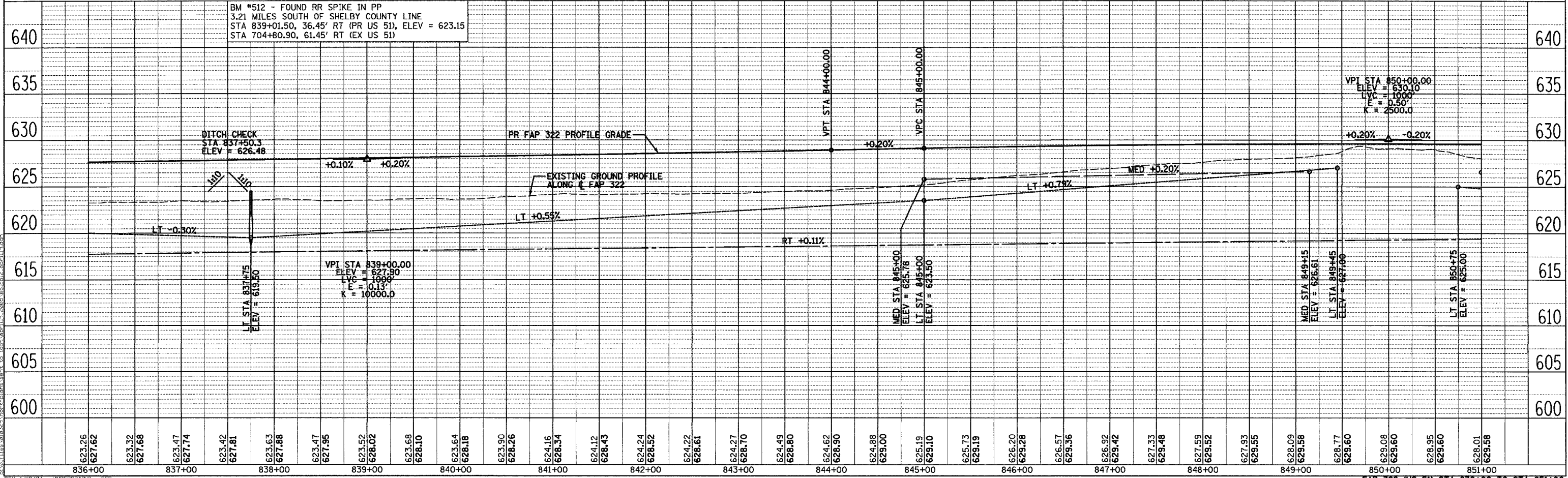


VIVIAN WENDLING
 [PARCEL NO. 6085173]
 STA 837+50.3
 DITCH CHECK, STD 202001
 TOP EL = 626.48

ROBERT L. YOUNKER
 MARILYN J. YOUNKER
 [PARCEL NO. 6085174]



NW 1/4 SEC 24, T13N, R1E, 3RD PM



BM #512 - FOUND RR SPIKE IN PP
 3.21 MILES SOUTH OF SHELBY COUNTY LINE
 STA 839+01.50, 36.45' RT (PR US 51), ELEV = 623.15
 STA 704+80.90, 61.45' RT (EX US 51)

SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK
 FILE NO.

SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK
 FILE NO.

4/28/2005
 REV: 4/19/04 - UNDERDRAINS - SEE

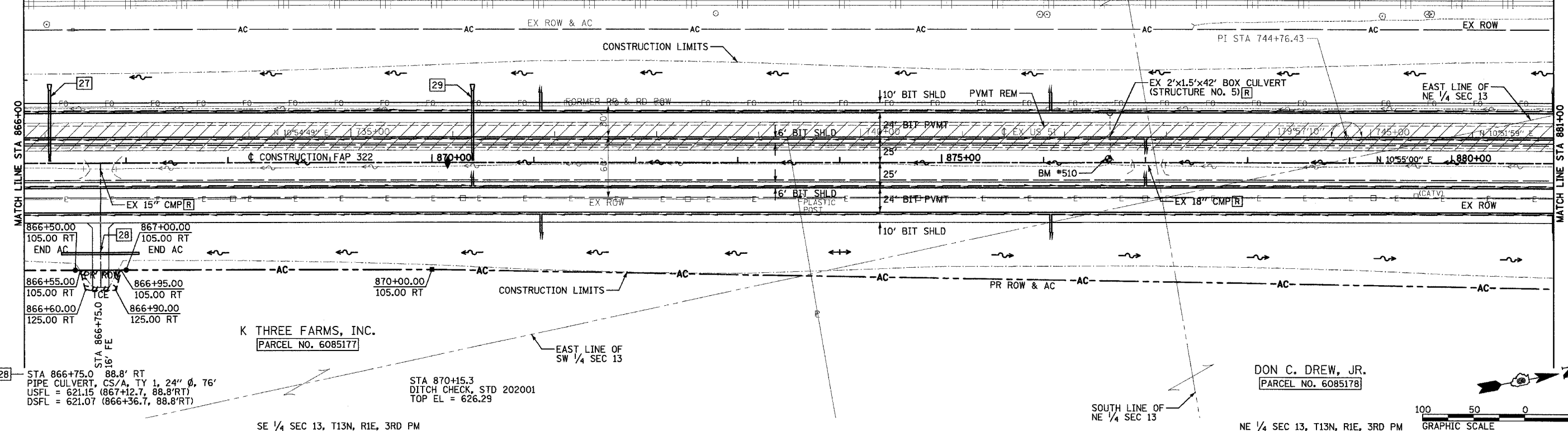
SW 1/4 SEC 13, T13N, R1E, 3RD PM

NW 1/4 SEC 13, T13N, R1E, 3RD PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- [27] STA 866+25 LT
INLET BOX, STD 542501, 1 EACH
PIPE CULVERT, RCCP, TYPE 1, 24" X 62' (PAY LENGTH)
USFL = 622.73 DSFL = 622.35
CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
GRATING FOR CONCRETE FLARED END SECTION 24", STD 542311, 1 EACH
TRENCH BACKFILL, 6.4 CU YD
- [28] STA 866+75.0
PIPE CULVERT, CS/A, TY 1, 24" Ø, 76'
USFL = 621.15 (867+12.7, 88.8'RT)
DSFL = 621.07 (866+36.7, 88.8'RT)
- [29] STA 870+40 LT
INLET BOX, STD 542501, 1 EACH
PIPE CULVERT, RCCP, TYPE 1, 24" X 62' (PAY LENGTH)
USFL = 622.93 DSFL = 622.69
CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
GRATING FOR CONCRETE FLARED END SECTION 24", STD 542311, 1 EACH
TRENCH BACKFILL, 6.4 CU YD
- [30] STA 870+15.3
DITCH CHECK, STD 202001
TOP EL = 626.29

CENTRAL ILLINOIS SHIPPERS, INC.

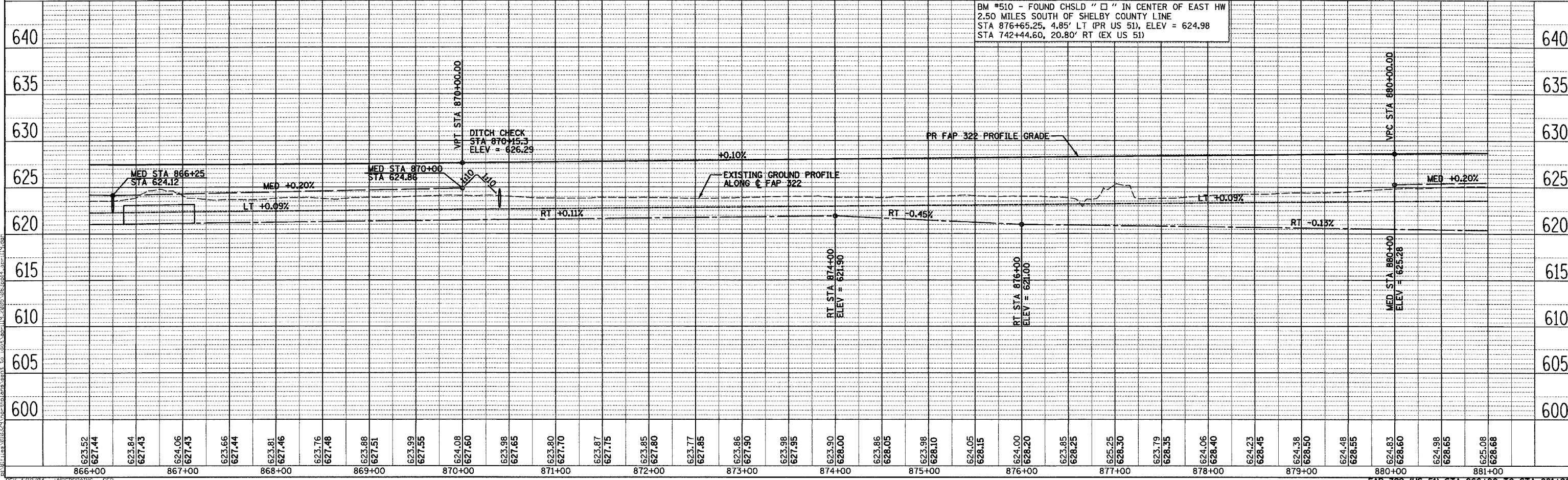
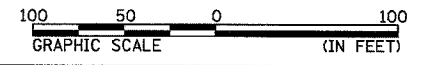


K THREE FARMS, INC.
PARCEL NO. 6085177

DON C. DREW, JR.
PARCEL NO. 6085178

SE 1/4 SEC 13, T13N, R1E, 3RD PM

NE 1/4 SEC 13, T13N, R1E, 3RD PM



BM #510 - FOUND CHSLD "□" IN CENTER OF EAST HW
2.50 MILES SOUTH OF SHELBY COUNTY LINE
STA 876+65.25, 4.85' LT (PR US 51), ELEV = 624.98
STA 742+44.60, 20.80' RT (EX US 51)

SURVEYED
 PLOTTED
 CHECKED
 DATE
 NO.
 STRUCTURE NOTATIONS CHECKED
 NO.
 4/29/2005

SURVEYED
 PLOTTED
 CHECKED
 DATE
 NO.
 STRUCTURE NOTATIONS CHECKED
 NO.
 4/29/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

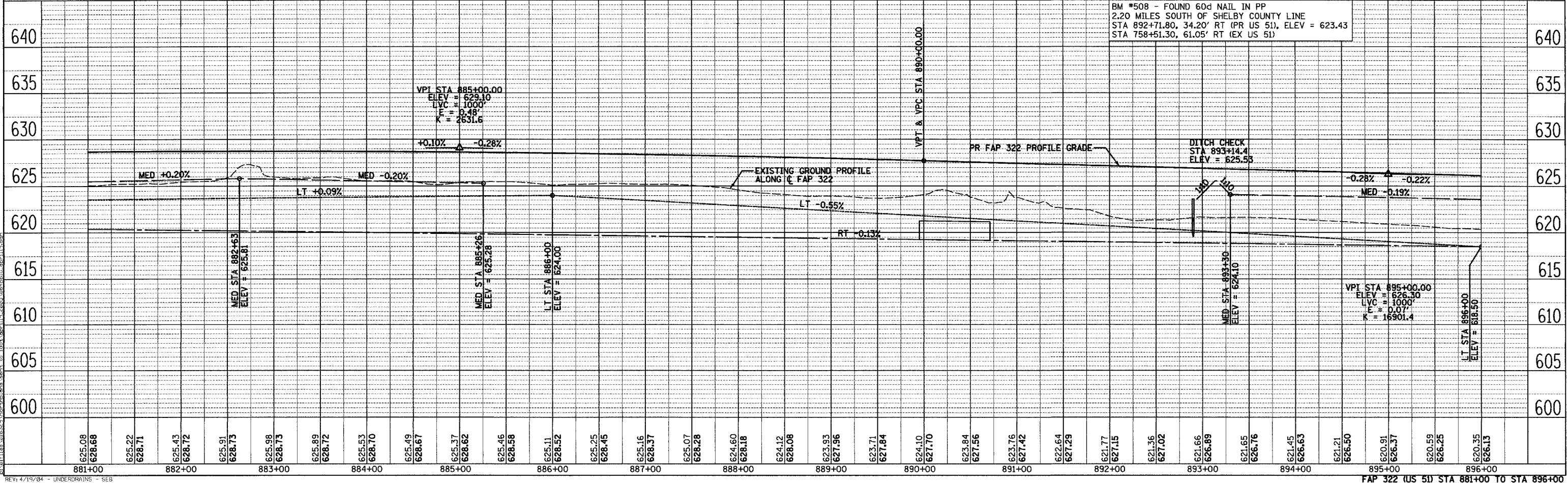
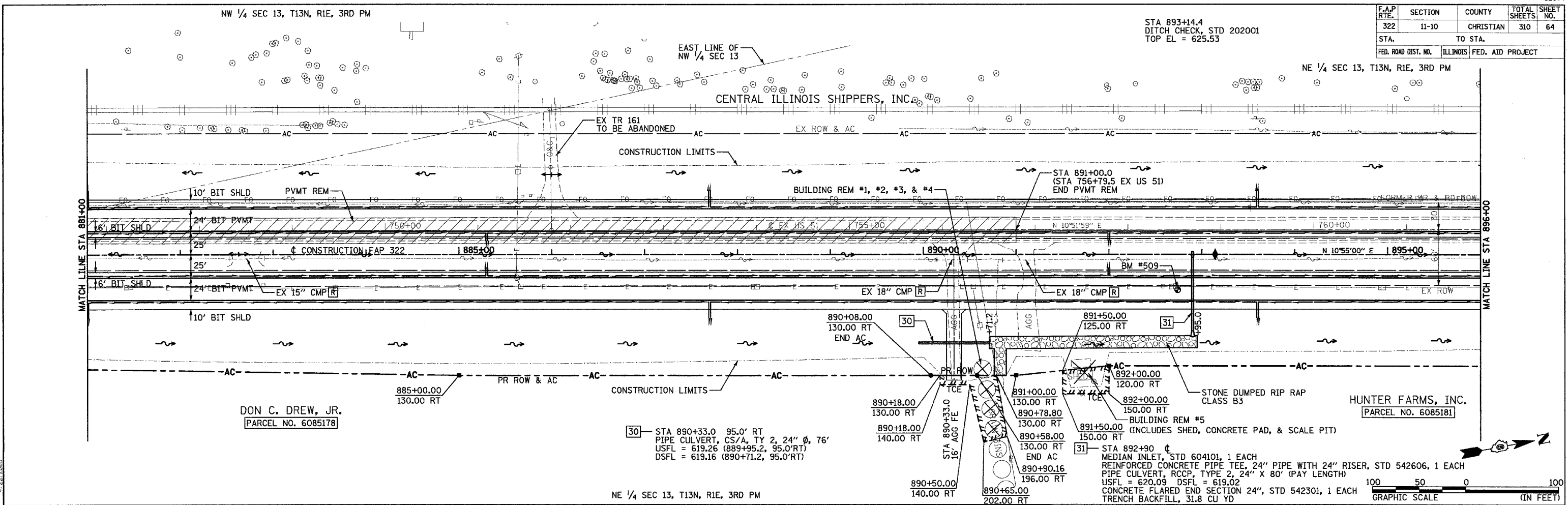
NW 1/4 SEC 13, T13N, R1E, 3RD PM

STA 893+14.4
DITCH CHECK, STD 202001
TOP EL = 625.53

NE 1/4 SEC 13, T13N, R1E, 3RD PM

SURVEYED PLOTTED CHECKED
 NOTE BOOK PLOT. OF WAY CHECKED
 NO. CAD FILE NAME

SURVEYED PLOTTED CHECKED
 NOTE BOOK PLOT. OF WAY CHECKED
 NO. STRUCTURE NOTATIONS CHK'D



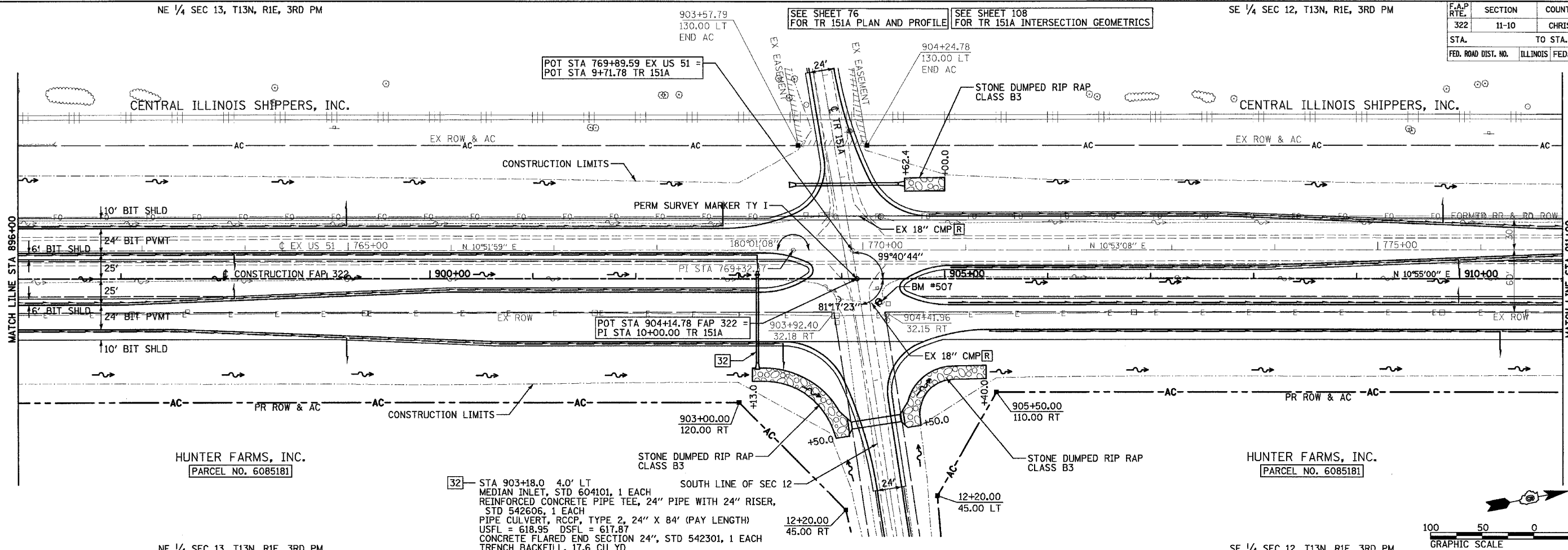
NE 1/4 SEC 13, T13N, R1E, 3RD PM

SE 1/4 SEC 12, T13N, R1E, 3RD PM

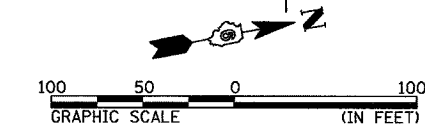
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

POT STA 769+89.59 EX US 51 =
POT STA 9+71.78 TR 151A

SEE SHEET 76 FOR TR 151A PLAN AND PROFILE
SEE SHEET 108 FOR TR 151A INTERSECTION GEOMETRICS

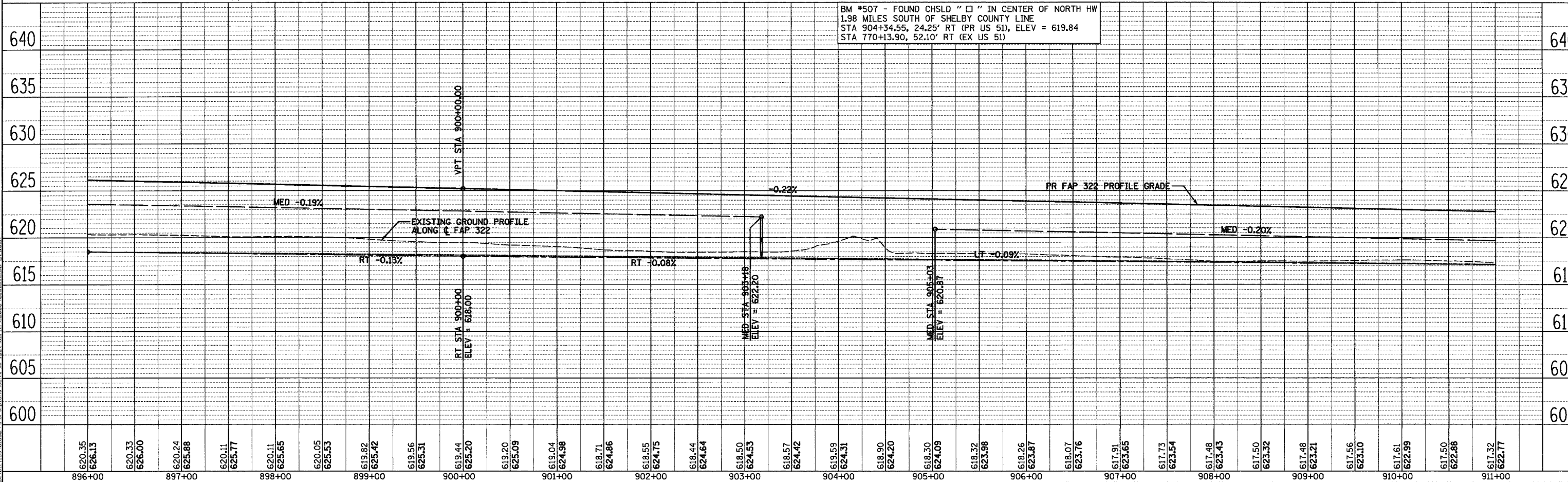


32 - STA 903+18.0 4.0' LT MEDIAN INLET, STD 604101, 1 EACH
 REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER, STD 542606, 1 EACH
 PIPE CULVERT, RCCP, TYPE 2, 24" X 84" (PAY LENGTH) USFL = 618.95 DSFL = 617.87
 CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
 TRENCH BACKFILL, 17.6 CU YD



NE 1/4 SEC 13, T13N, R1E, 3RD PM

SE 1/4 SEC 12, T13N, R1E, 3RD PM

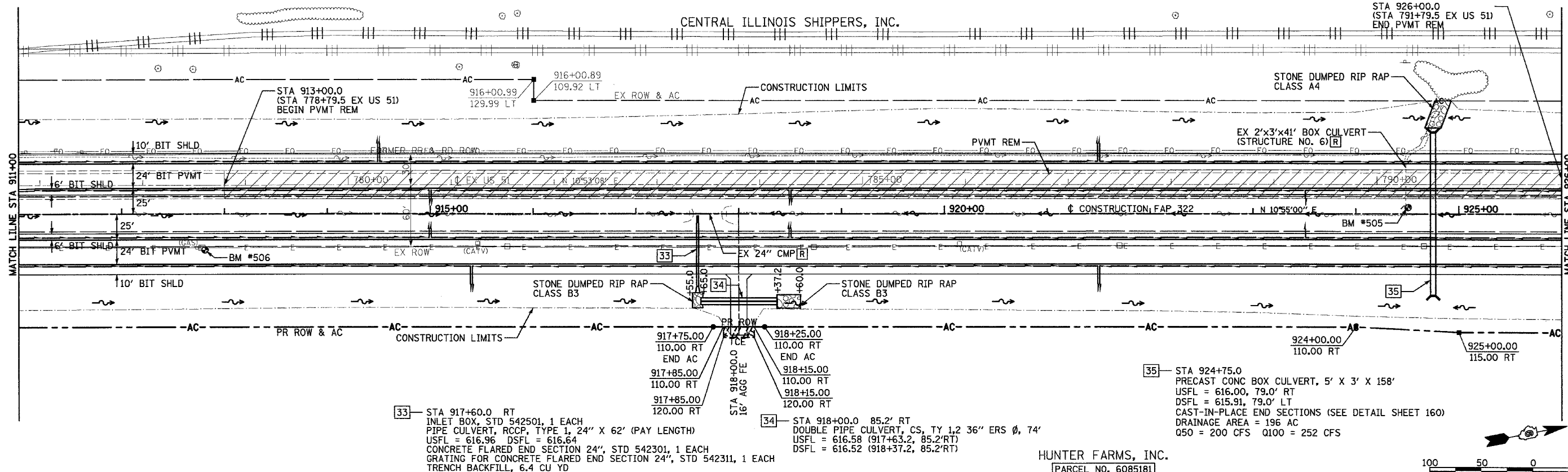


BM #507 - FOUND CHSLD " " IN CENTER OF NORTH HW
 1.98 MILES SOUTH OF SHELBY COUNTY LINE
 STA 904+34.55, 24.25' RT (PR US 51), ELEV = 619.84
 STA 770+13.90, 52.10' RT (EX US 51)

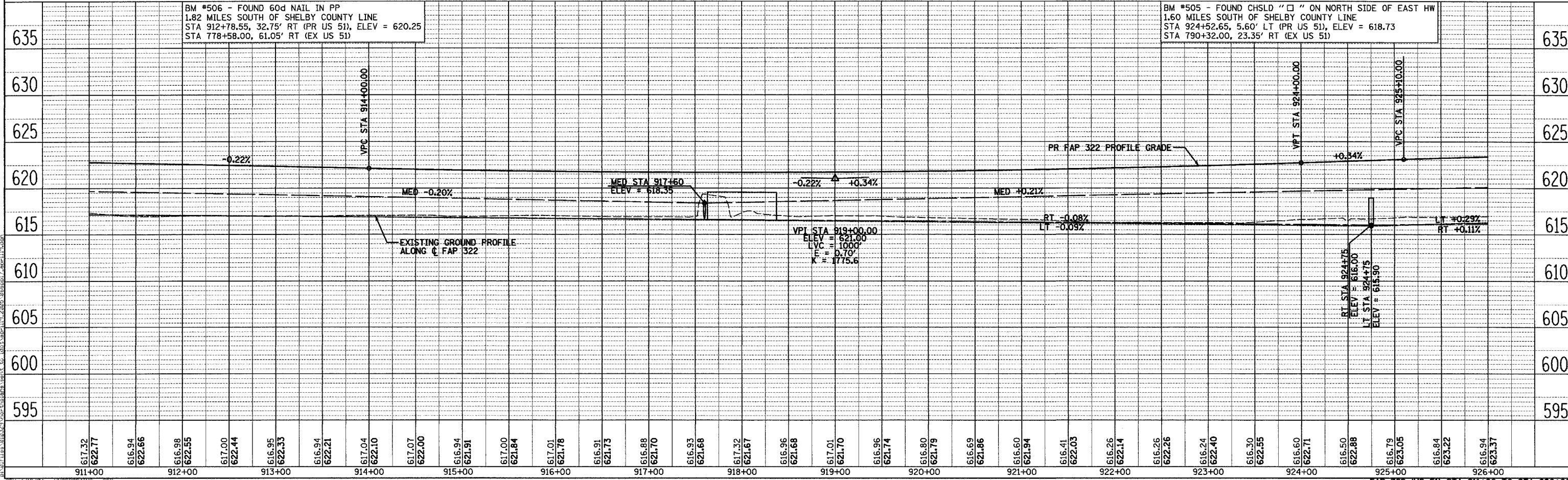
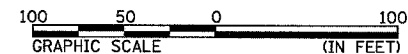
PLANNING SURVEYED PLOTTED CHECKED
 NOTE BOOK RT. OF WAY CHECKED
 NO. STRUCTURE NOTATIONS CHKD

PLANNING SURVEYED PLOTTED CHECKED
 NOTE BOOK RT. OF WAY CHECKED
 NO. STRUCTURE NOTATIONS CHKD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- [33] STA 917+60.0 RT INLET BOX, STD 542501, 1 EACH PIPE CULVERT, RCCP, TYPE 1, 24" X 62" (PAY LENGTH) USFL = 616.96 DSFL = 616.64 CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH GRATING FOR CONCRETE FLARED END SECTION 24", STD 542311, 1 EACH TRENCH BACKFILL, 6.4 CU YD
- [34] STA 918+00.0 85.2' RT DOUBLE PIPE CULVERT, CS, TY 1,2 36" ERS Ø, 74' USFL = 616.58 (917+63.2, 85.2'RT) DSFL = 616.52 (918+37.2, 85.2'RT)
- [35] STA 924+75.0 PRECAST CONC BOX CULVERT, 5' X 3' X 158' USFL = 616.00, 79.0' RT DSFL = 615.91, 79.0' LT CAST-IN-PLACE END SECTIONS (SEE DETAIL SHEET 160) DRAINAGE AREA = 196 AC Q100 = 252 CFS



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 NOTE BOOK
 NO.

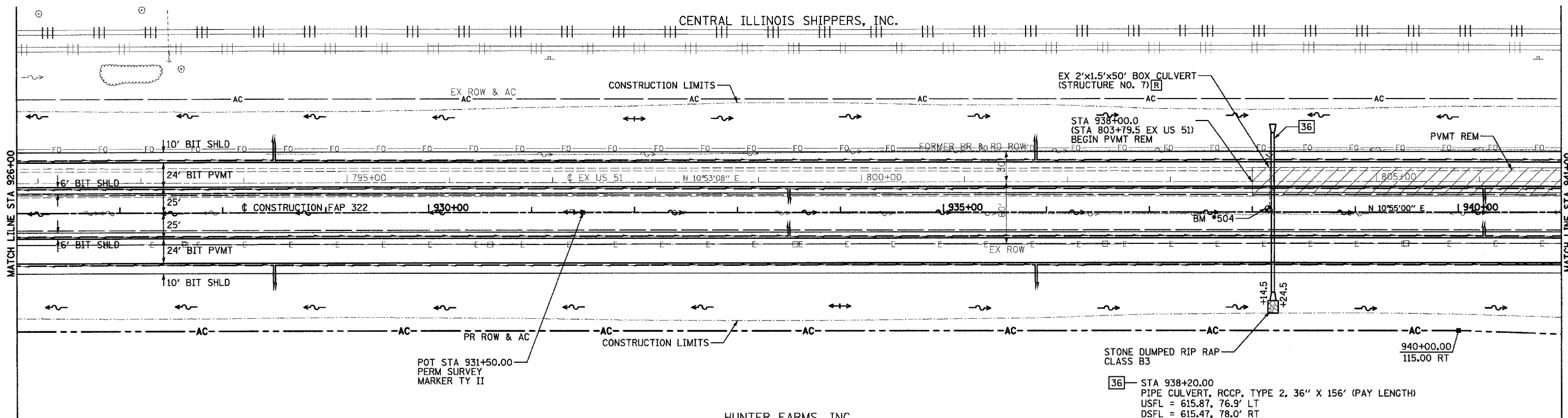
SURVEYED
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 NOTE BOOK
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SURVEYED
 PLOTTED
 CHECKED
 NOTE BOOK
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SE 1/4 SEC 12, T13N, R1E, 3RD PM

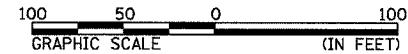
NE 1/4 SEC 12, T13N, R1E, 3RD PM



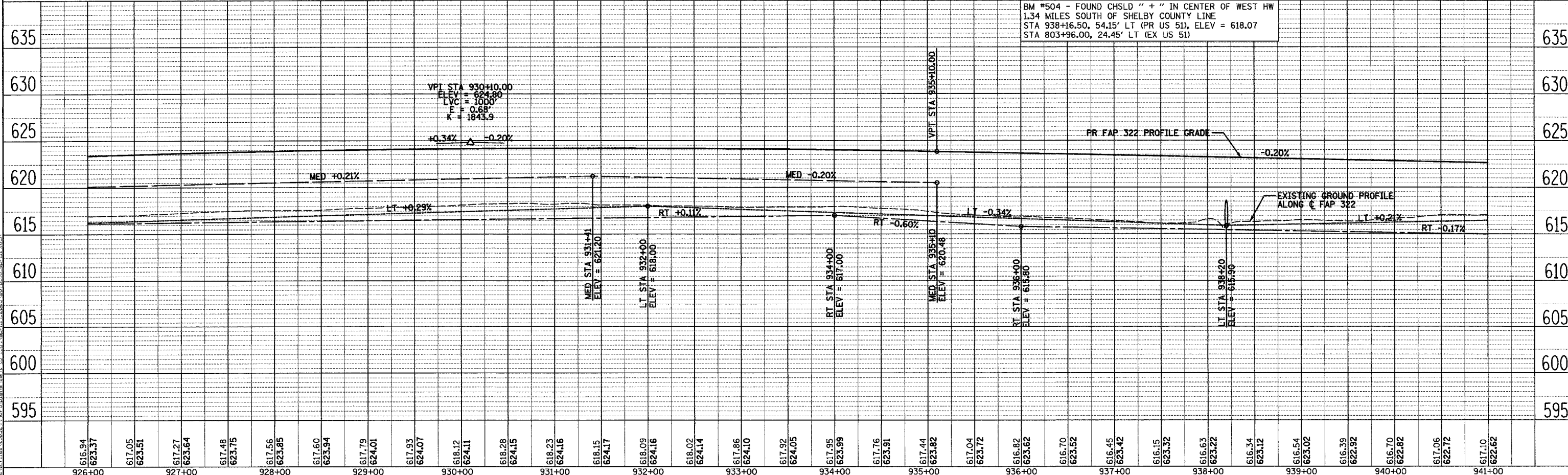
SE 1/4 SEC 12, T13N, R1E, 3RD PM

NE 1/4 SEC 12, T13N, R1E, 3RD PM

36 - STA 938+20.00
 PIPE CULVERT, RCCP, TYPE 2, 36" X 156' (PAY LENGTH)
 USFL = 615.87, 76.9' LT
 DSFL = 615.47, 78.0' RT
 CONCRETE FLARED END SECTION 36", STD 542301, 2 - EACH
 TRENCH BACKFILL, 61.0 CU YD
 DRAINAGE AREA = 6 AC
 Q50 = 31 CFS Q100 = 36 CFS



BM #504 - FOUND CHSLD " + " IN CENTER OF WEST HW
 1.34 MILES SOUTH OF SHELBY COUNTY LINE
 STA 938+16.50, 54.15' LT (PR US 51), ELEV = 618.07
 STA 803+96.00, 24.45' LT (EX US 51)



FAP 322 (US 51) STA 926+00 TO STA 941+00

PLAIN
 SURVEYED
 ALIGNED
 RT. OF WAY CHECKED
 NOTE BOOK
 NO. _____
 CADD FILE NAME
 NO. _____

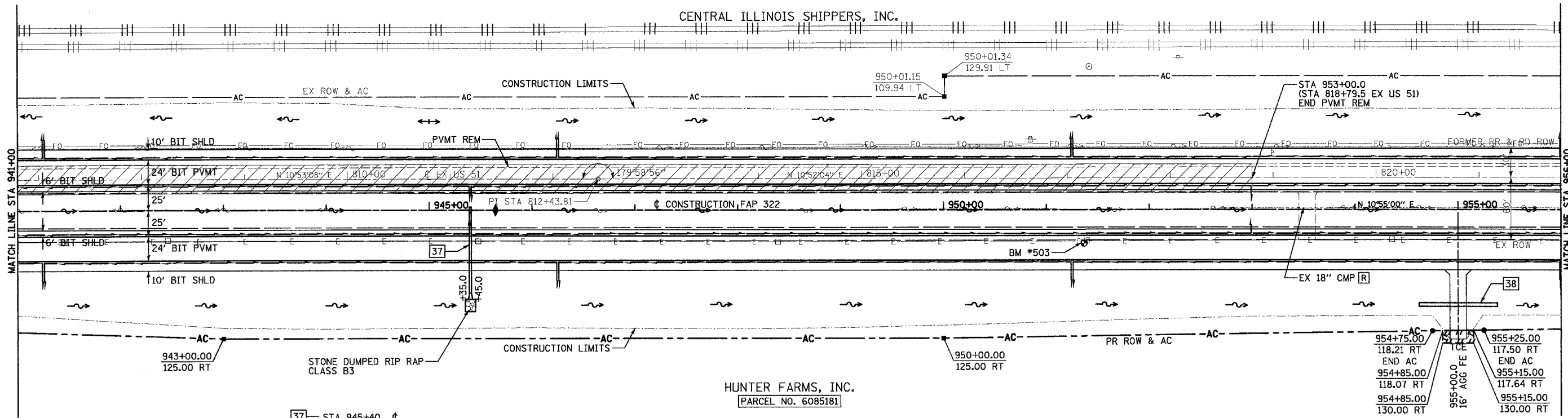
STRUCTURE NOTATION CHFD
 NO. _____
 STRUCTURE NOTATION CHFD
 NO. _____

REV: 4/19/04 - UNDERDRAINS - SEB

STA 945+64.5
DITCH CHECK, STD 202001
TOP EL = 620.37

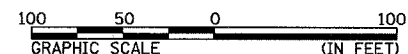
NE 1/4 SEC 12, T13N, R1E, 3RD PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

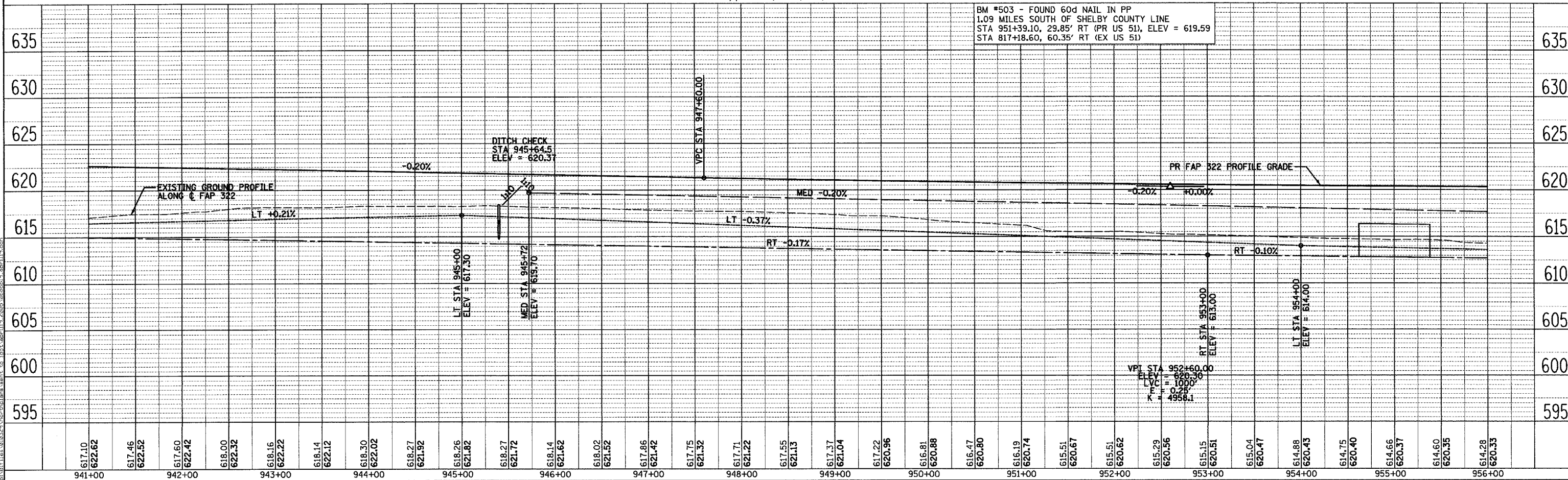


37 - STA 945+40
 MEDIAN INLET, STD 604101, 1 EACH
 REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER, STD 542606, 1 EACH
 PIPE CULVERT, RCCP, TYPE 2, 24" X 78" (PAY LENGTH)
 USFL = 615.15 DSFL = 614.35
 CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
 TRENCH BACKFILL, 29.2 CU YD

38 - STA 955+00.0 92.5' RT
 PIPE CULVERT, CS/A, TY 1, 42" Ø, 76"
 USFL = 612.84 (954+62.2, 92.5' RT)
 DSFL = 612.76 (955+38.2, 92.5' RT)



NE 1/4 SEC 12, T13N, R1E, 3RD PM



SURVEYED
 PLOTTED
 CHECKED
 RT. OF WAY CHECKED
 CAD FILE NAME
 NO.

PLUP ILL
 SURVEYED
 PLOTTED
 CHECKED
 RT. OF WAY CHECKED
 STRUCTURE NOTATION CHKD
 NO.

4/28/2005

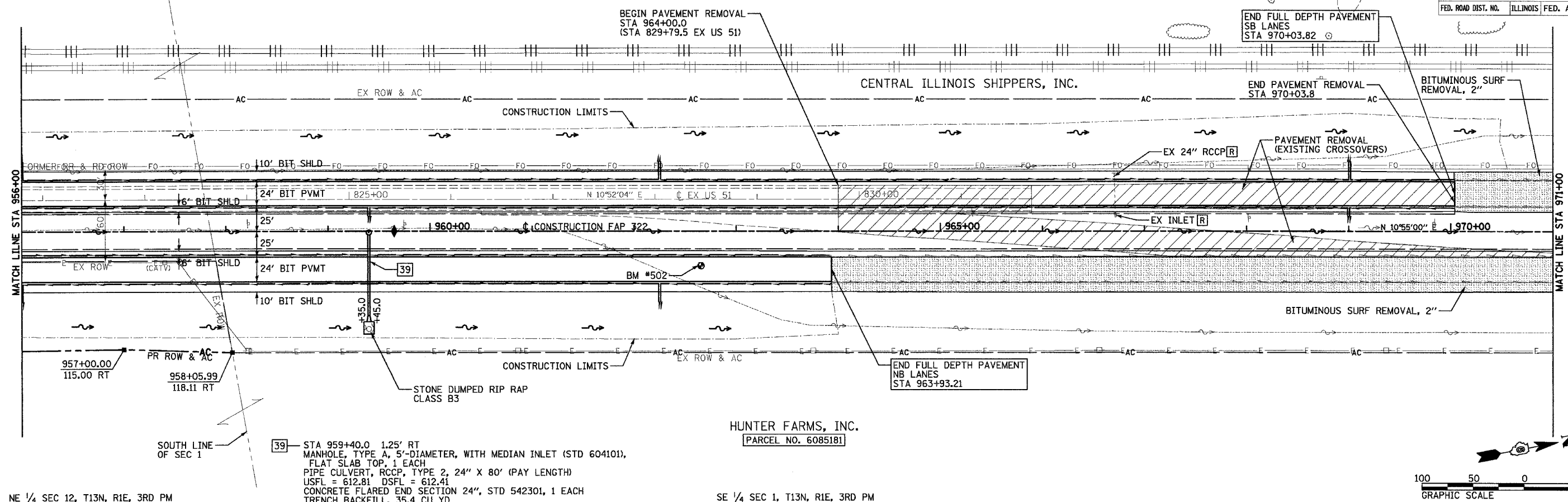
REV: 4/19/04 - UNDERDRAINS - SEE

NE 1/4 SEC 12, T13N, R1E, 3RD PM

STA 959+64.9
DITCH CHECK, STD 202001
TOP EL = 618.96

SE 1/4 SEC 1, T13N, R1E, 3RD PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

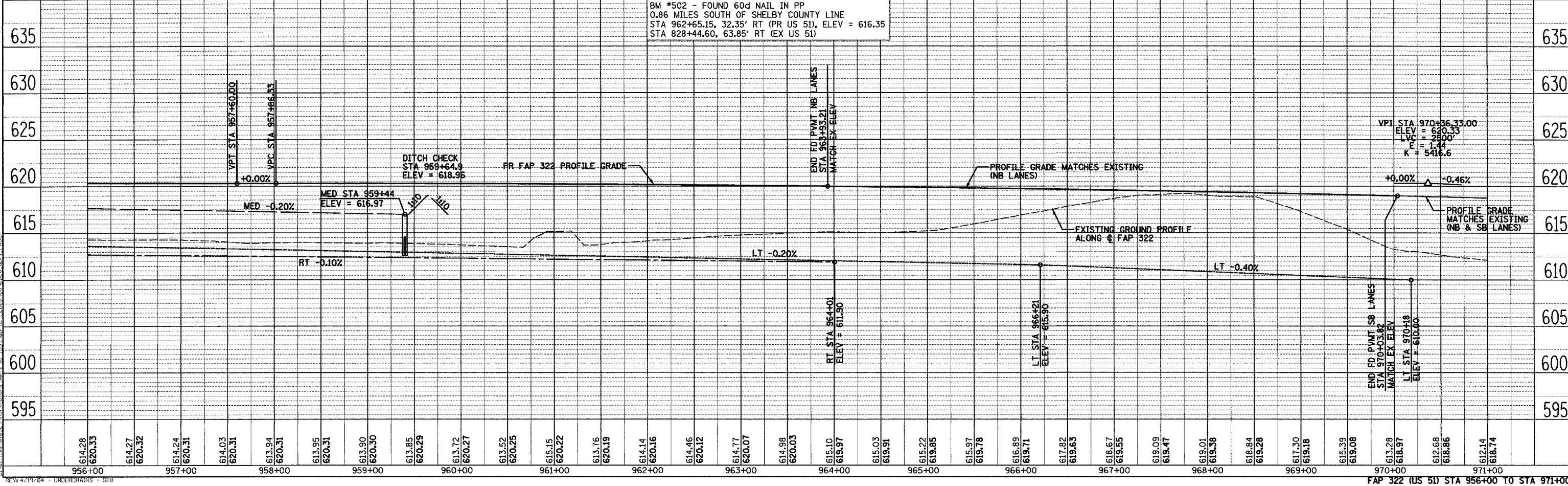
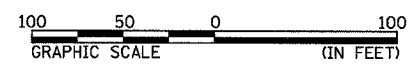


SURVEYED
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 RT. OF WAY
 CHECKED
 NO. _____
 DATE _____
 FILE NAME _____

SURVEYED
 CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS CHECKED
 NO. _____
 DATE _____

[39] STA 959+40.0 1.25' RT
 MANHOLE, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (STD 604101),
 FLAT SLAB TOP, 1 EACH
 PIPE CULVERT, RCCP, TYPE 2, 24" X 80" (PAY LENGTH)
 USFL = 612.81 DSFL = 612.41
 CONCRETE FLARED END SECTION 24", STD 542301, 1 EACH
 TRENCH BACKFILL, 35.4 CU YD

HUNTER FARMS, INC.
 [PARCEL NO. 6085181]



SE 1/4 SEC 1, T13N, R1E, 3RD PM

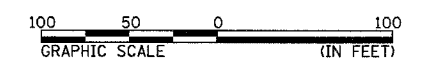
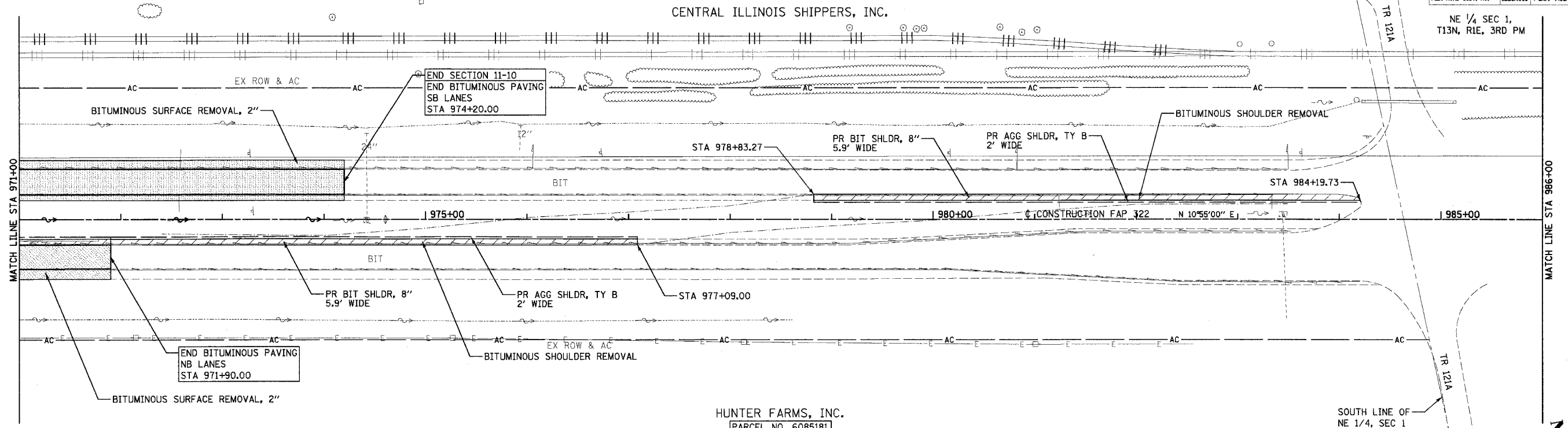
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	70
STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS		

NE 1/4 SEC 1, T13N, R1E, 3RD PM

CENTRAL ILLINOIS SHIPPERS, INC.

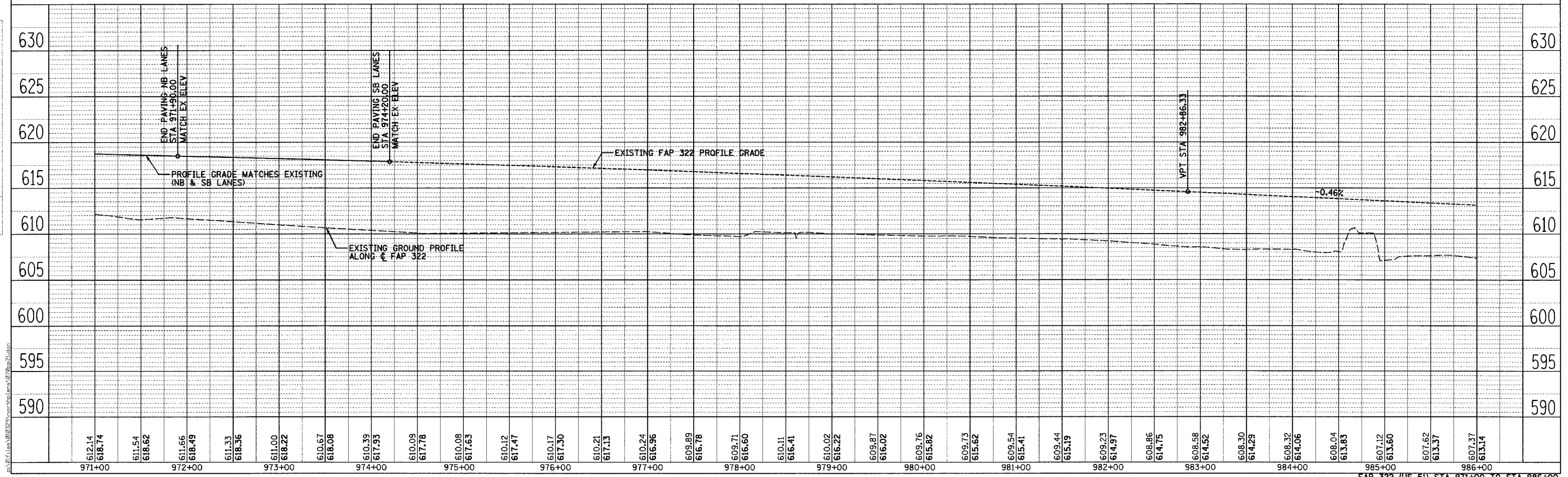
HUNTER FARMS, INC.
PARCEL NO. 6085181

SE 1/4 SEC 1, T13N, R1E, 3RD PM



PLAN	DATE
SURVEYED	
ALIGNED	
GRADES CHECKED	
BY	
DATE	
NOTE BOOK NO.	
ROAD FILE NAME	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
BY	
DATE	
NOTE BOOK NO.	
STRUCTURE NOTATION CHFD	



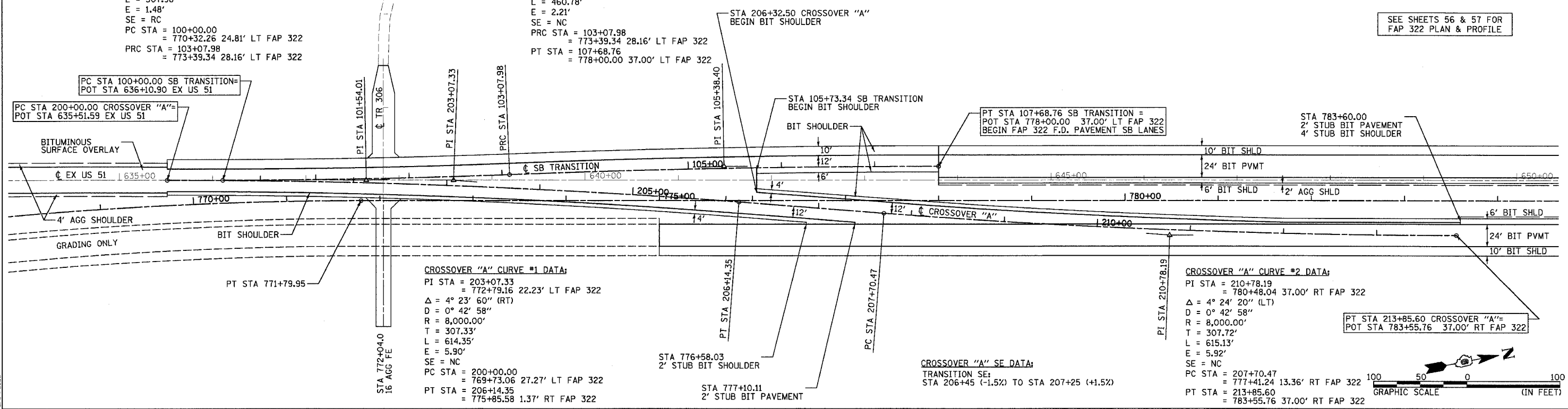
FAP 322 (US 51) STA 971+00 TO STA 986+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SB TRANSITION CURVE #1 DATA:
 PI STA = 101+54.01
 = 771+85.44 22.24' LT FAP 322
 $\Delta = 2^\circ 12' 21''$ (LT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 154.01'$
 $L = 307.98'$
 $E = 1.48'$
 $SE = RC$
 PC STA = 100+00.00
 = 770+32.26 24.81' LT FAP 322
 PRC STA = 103+07.98
 = 773+39.34 28.16' LT FAP 322

SB TRANSITION CURVE #2 DATA:
 PI STA = 105+38.40
 = 775+69.58 37.00' LT FAP 322
 $\Delta = 2^\circ 12' 00''$ (RT)
 $D = 0^\circ 28' 39''$
 $R = 12,000.00'$
 $T = 230.42'$
 $L = 460.78'$
 $E = 2.21'$
 $SE = NC$
 PRC STA = 103+07.98
 = 773+39.34 28.16' LT FAP 322
 PT STA = 107+68.76
 = 778+00.00 37.00' LT FAP 322

SEE SHEETS 56 & 57 FOR FAP 322 PLAN & PROFILE



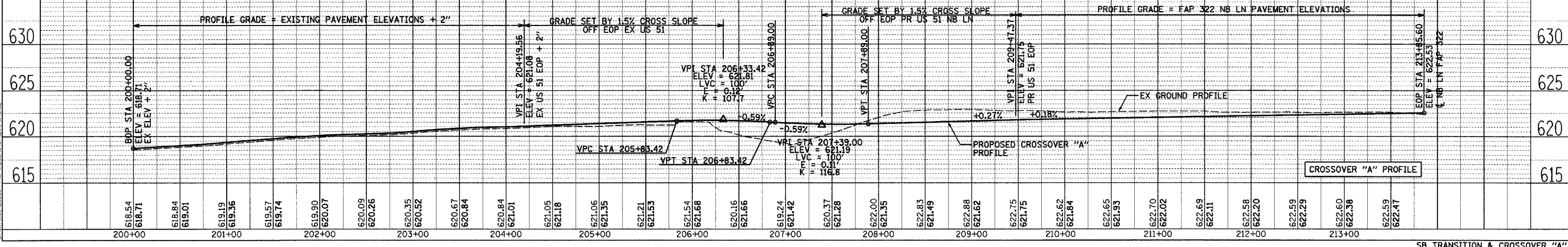
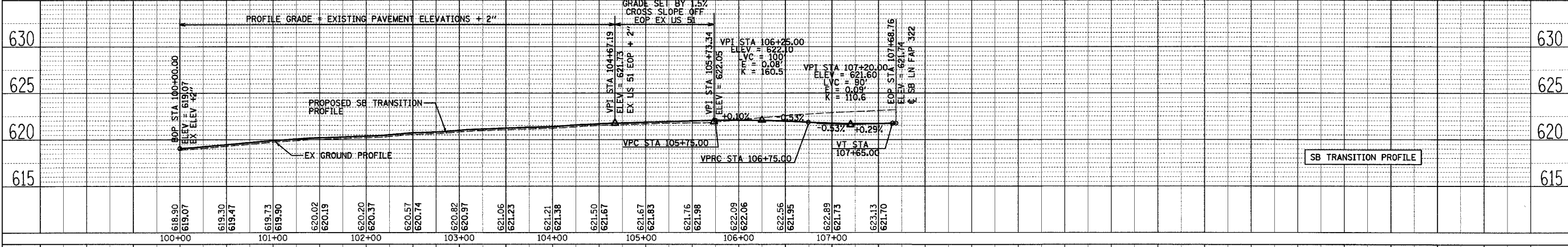
CROSSOVER "A" CURVE #1 DATA:
 PI STA = 203+07.33
 = 772+79.16 22.23' LT FAP 322
 $\Delta = 4^\circ 23' 60''$ (RT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 307.33'$
 $L = 614.35'$
 $E = 5.90'$
 $SE = NC$
 PC STA = 200+00.00
 = 769+73.06 27.27' LT FAP 322
 PT STA = 206+14.35
 = 775+85.58 1.37' RT FAP 322

CROSSOVER "A" CURVE #2 DATA:
 PI STA = 210+78.19
 = 780+48.04 37.00' RT FAP 322
 $\Delta = 4^\circ 24' 20''$ (LT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 307.72'$
 $L = 615.13'$
 $E = 5.92'$
 $SE = NC$
 PC STA = 207+70.47
 = 777+41.24 13.36' RT FAP 322
 PT STA = 213+85.60
 = 783+55.76 37.00' RT FAP 322

CROSSOVER "A" SE DATA:
 TRANSITION SE:
 STA 206+45 (-1.5%) TO STA 207+25 (+1.5%)

DATE	BY
DATE	BY

DATE	BY
DATE	BY



SB TRANSITION & CROSSOVER "A"

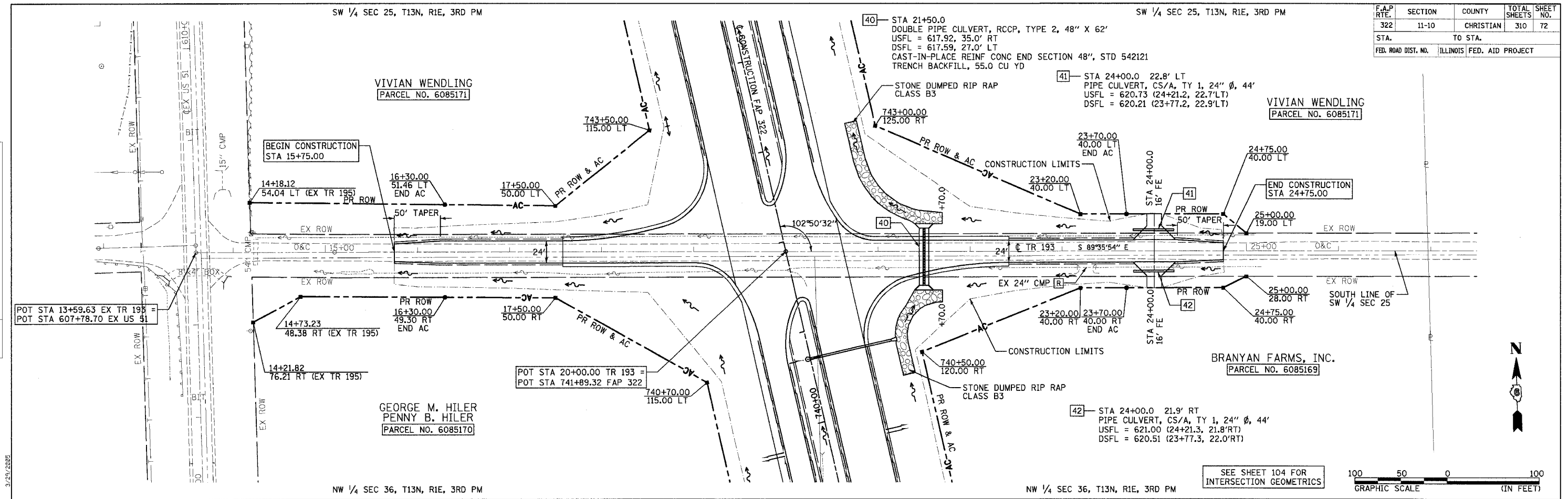
SW 1/4 SEC 25, T13N, R1E, 3RD PM

SW 1/4 SEC 25, T13N, R1E, 3RD PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	BY	DATE
SURVEYED		
NOTE BOOK		
ALIGNED CHECKED		
RT. OF WAY CHECKED		
ADJUSTED		
FILED		

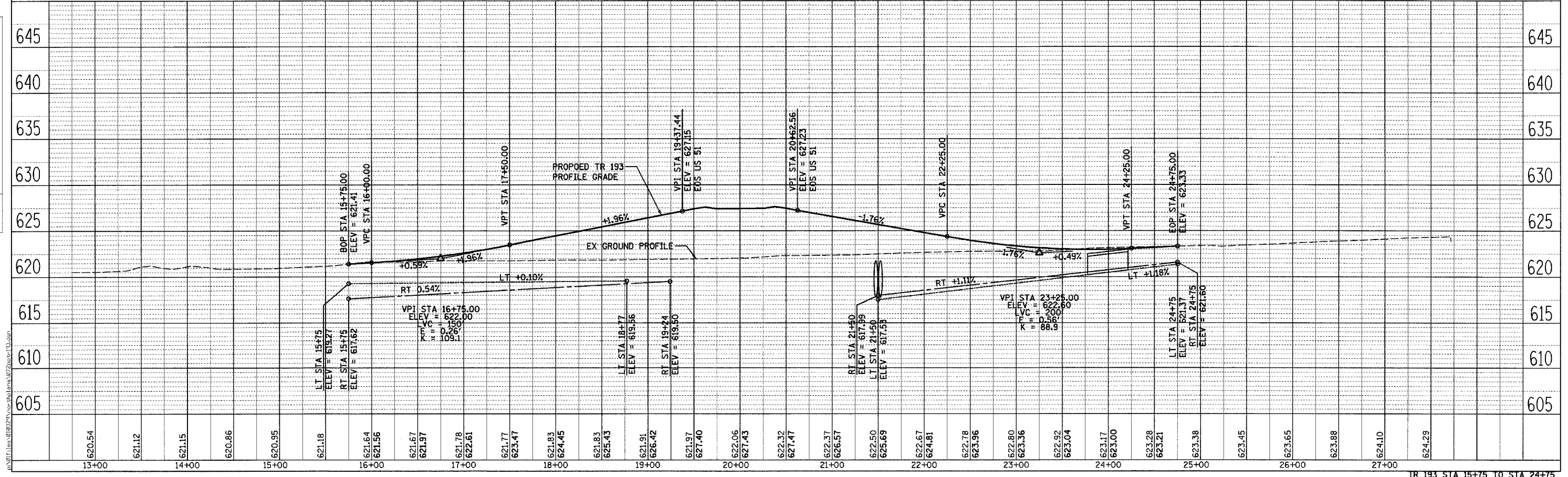
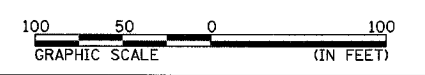
PROFILE	BY	DATE
SURVEYED		
NOTE BOOK		
GRADES CHECKED		
REMARKS NOTED		
STRUCTURE NOTATIONS DPHD		



NW 1/4 SEC 36, T13N, R1E, 3RD PM

NW 1/4 SEC 36, T13N, R1E, 3RD PM

SEE SHEET 104 FOR INTERSECTION GEOMETRICS



TR 193 STA 15+75 TO STA 24+75

SW 1/4 SEC 24, T13N, R1E, 3RD PM

SW 1/4 SEC 24, T13N, R1E, 3RD PM

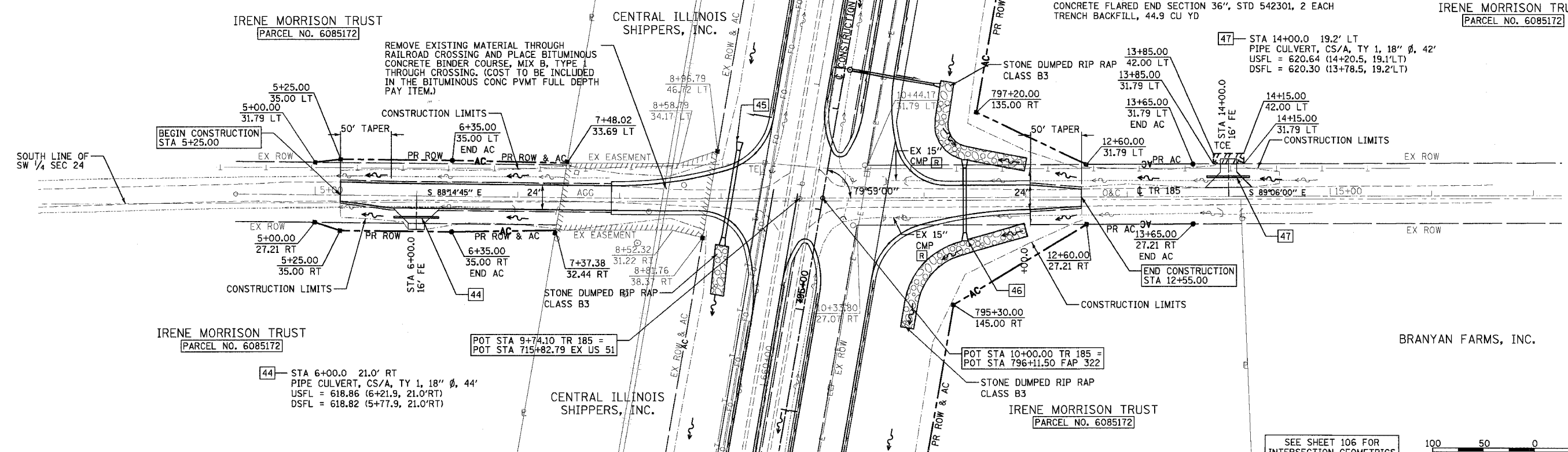
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	74
STA. TO STA.		ILLINOIS FED. AID PROJECT		

45— STA 9+09.00 SKEW 10° LT AH
 PIPE CULVERT, RCCP, TYPE 1, 36" ERS X 88' (PAY LENGTH)
 USFL = 618.11, 47.0' LT, 9+17.3
 DSFL = 618.04, 38.6' RT, 9+02.2
 CONCRETE FLARED END SECTION 36" ERS, STD 542306, 2 - EACH
 TRENCH BACKFILL, 12.4 CU YD

46— STA 11+40.0
 PIPE CULVERT, RCCP, TYPE 2, 36" X 64' (PAY LENGTH)
 USFL = 613.48, 28.9' LT
 DSFL = 613.36, 34.5' RT
 CONCRETE FLARED END SECTION 36", STD 542301, 2 EACH
 TRENCH BACKFILL, 44.9 CU YD

47— STA 14+00.0 19.2' LT
 PIPE CULVERT, CS/A, TY 1, 18" Ø, 42'
 USFL = 620.64 (14+20.5, 19.1' LT)
 DSFL = 620.30 (13+78.5, 19.2' LT)

IRENE MORRISON TRUST
 [PARCEL NO. 6085172]



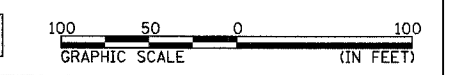
IRENE MORRISON TRUST
 [PARCEL NO. 6085172]

CENTRAL ILLINOIS SHIPPERS, INC.

IRENE MORRISON TRUST
 [PARCEL NO. 6085172]

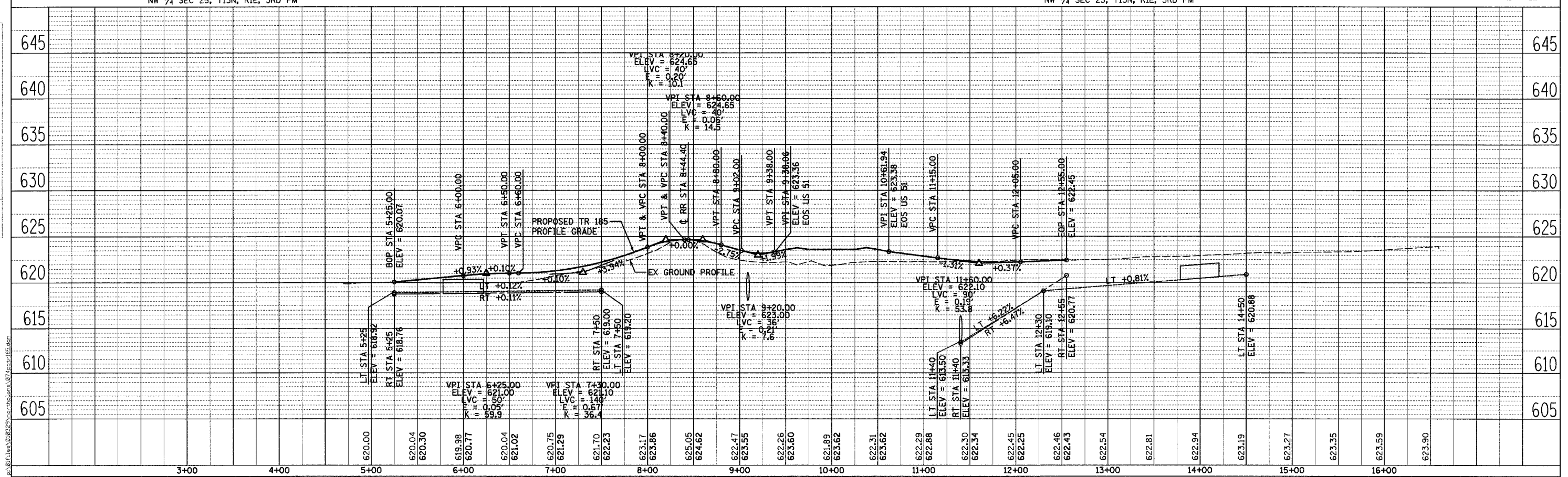
BRANYAN FARMS, INC.

SEE SHEET 106 FOR
 INTERSECTION GEOMETRICS



NW 1/4 SEC 25, T13N, R1E, 3RD PM

NW 1/4 SEC 25, T13N, R1E, 3RD PM



TR 185 STA 5+25 TO STA 12+50

DATE	BY

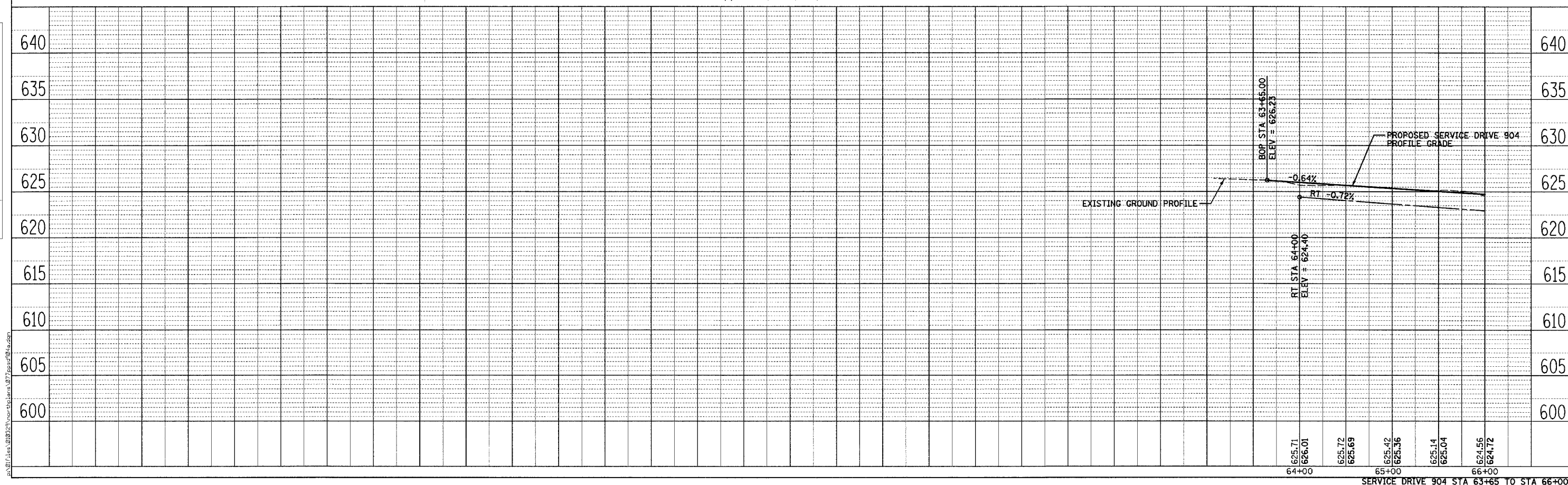
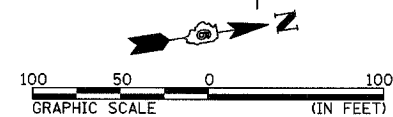
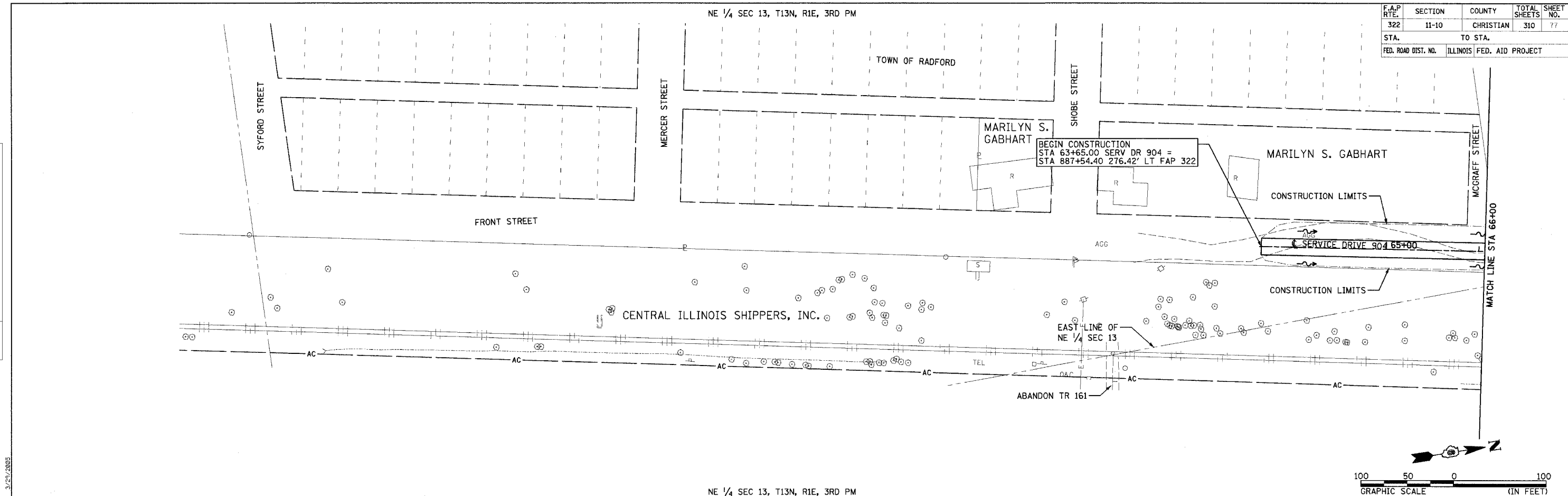
DATE	BY

PLAN SHEET 106 FOR INTERSECTION GEOMETRICS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	77
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				

PLAN	DATE
SURVEYED BY	
NOTE BOOK NO.	
DATE	

PROFILE	DATE
SURVEYED BY	
NOTE BOOK NO.	
DATE	



SERVICE DRIVE 904 STA 63+65 TO STA 66+00

NW 1/4 SEC 13, T13N, R1E, 3RD PM

SD904 #1 CURVE DATA:

PI STA = 78+24.05
 = 6+80.51 150.67' RT TR151A
 $\Delta = 54^\circ 59' 56''$ (LT)
 $D = 81^\circ 51' 04''$
 $R = 70.00'$
 $T = 36.44'$
 $L = 67.19'$
 $E = 8.92'$
 $SE = NC$
 $PC STA = 77+87.61$
 $= 6+74.83 186.66' RT TR 151A$
 $PT STA = 78+54.81$
 $= 6+54.29 125.37' RT TR 151A$

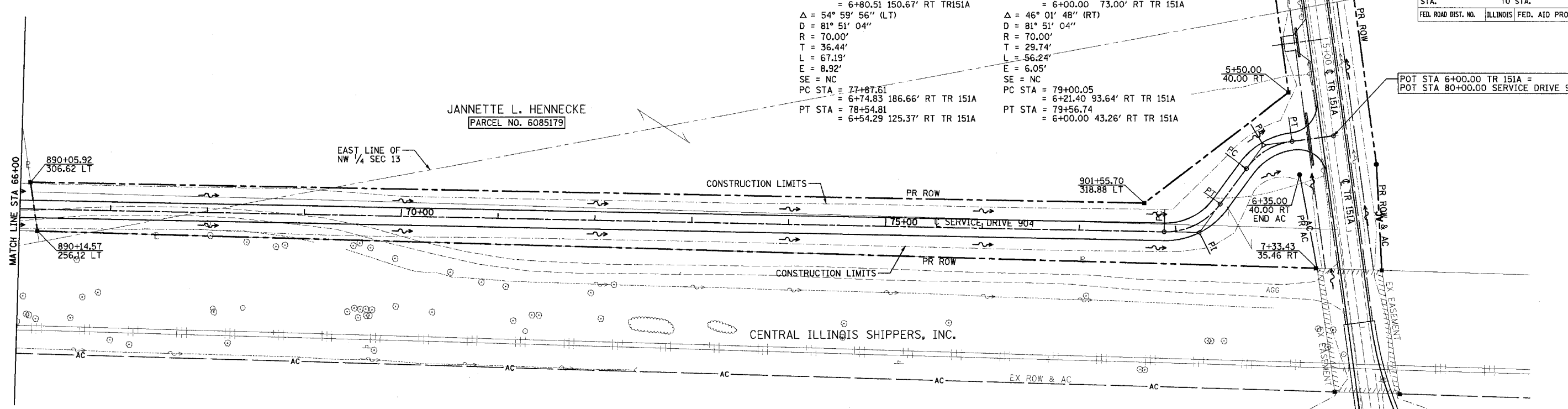
SD904 #2 CURVE DATA:

PI STA = 79+30.24
 = 6+00.00 73.00' RT TR 151A
 $\Delta = 46^\circ 01' 48''$ (RT)
 $D = 81^\circ 51' 04''$
 $R = 70.00'$
 $T = 29.74'$
 $L = 56.24'$
 $E = 6.05'$
 $SE = NC$
 $PC STA = 79+00.05$
 $= 6+21.40 93.64' RT TR 151A$
 $PT STA = 79+56.74$
 $= 6+00.00 43.26' RT TR 151A$

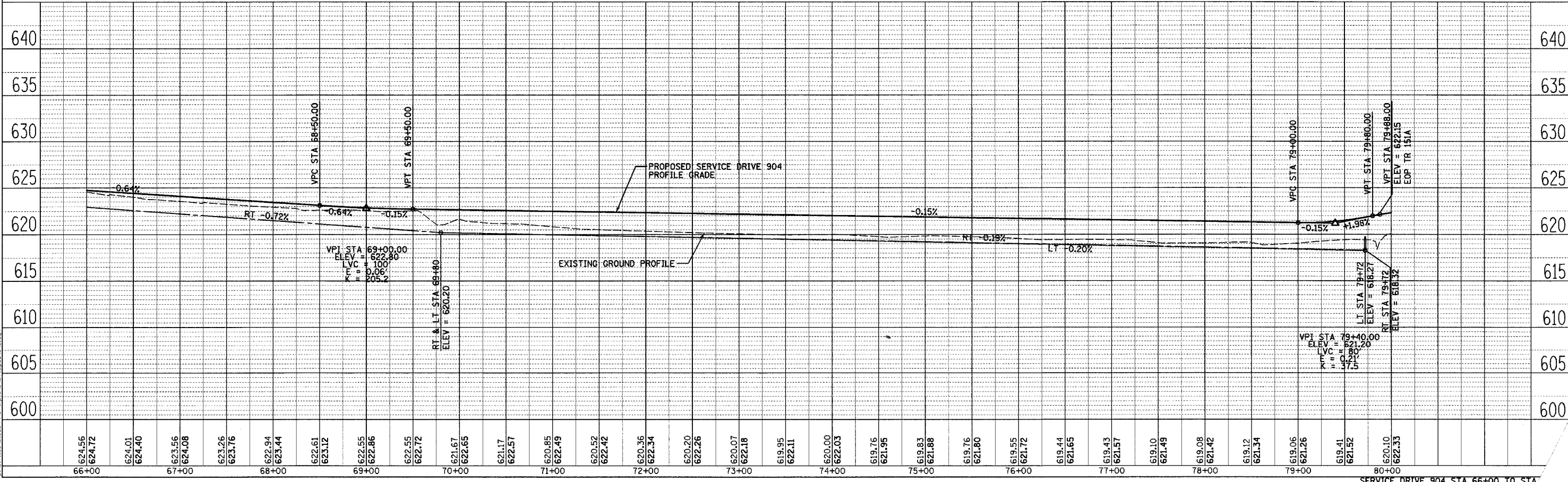
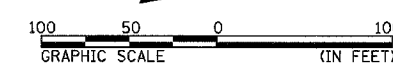
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
NO. FILE NAME	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
NO. NOTED	
STRUCTURE NOTING OK'D	
NO.	



NE 1/4 SEC 13, T13N, R1E, 3RD PM



SERVICE DRIVE 904 STA 66+00 TO STA 80+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	79

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

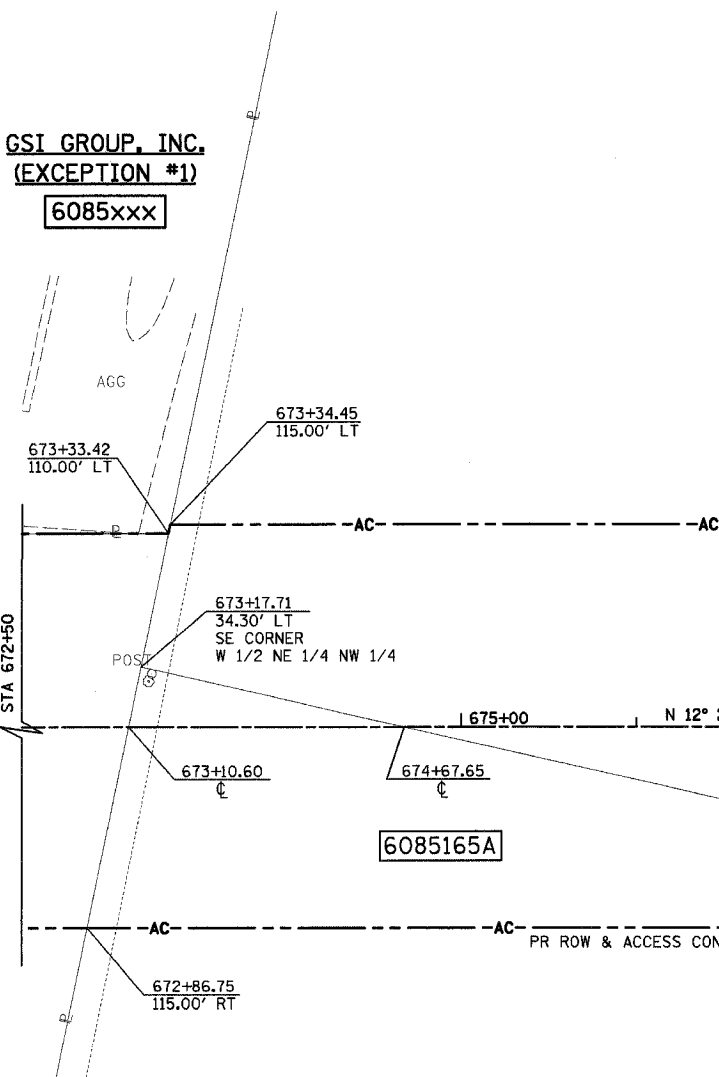
NW 1/4 SEC 1, T12N, R1E, 3RD PM

PARCEL NO 6085166A & B
BRANYAN FARMS, INC.
TOTAL HOLDING = 61.920 ACRES
LANDLOCKED AREA = 0.824 ACRES
FOR PARCEL B SEE SHEET 2

6085166A
TOTAL AREA = 21.219 ACRES
REQUIRED ROW AREA = 6.793 ACRES
EXISTING ROW AREA = 0.288 ACRES
TOTAL ROW AREA = 7.081 ACRES
REMAINING AREA = 14.138 ACRES

REMAINING AREA THIS SIDE = 13.314 ACRES

CSI GROUP, INC.
(EXCEPTION #1)
6085xxx



DON EDWIN JOHNSON
6085xxx

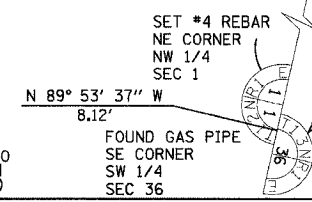
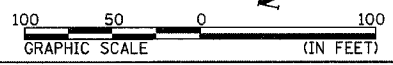
PARCEL NO 6085165A & B
CAROLYN G. CORZINE
JUDY J. JACKSON

TOTAL AREA = 180.753 ACRES
REQUIRED ROW AREA
TRACT A = 1.171 ACRES
TRACT B = 0.089 ACRES
EXISTING ROW AREA = 0.093 ACRES
TOTAL ROW AREA = 1.353 ACRES
REMAINING AREA = 179.400 ACRES

NW 1/4 SEC 1, T12N, R1E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE	F.A.P. 322 (US 51)
SECTION	11-1
PROJECT	
COUNTY	CHRISTIAN
JOB NO.	R-96-008-95
STA	672+50 TO STA 687+18.29
SCALE	1 = 50'

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SW 1/4 SEC 36, T13 N, R1 E, 3RD PM

PARCEL NO 6085167
VIVIAN WENDLING
FOR TABULATIONS SEE SHEET 3

PARCEL NO 6085166A & B
BRANYAN FARMS, INC.
FOR TABULATIONS SEE BELOW

REMAINING AREA THIS SIDE
= 3.269 ACRES

FAP 322 (US 51)
688+01.16, 186.37' LT=
CH 6
48+00.00, 40.00' LT

689+00.00
115.00' LT

698+04.97
163.92' LT

697+94.00
115.00' LT

701+05.48
103.96' LT
NW CORNER
SE 1/4 SW 1/4

700+50.15
115.00' LT

700+82.17

700+00.00
115.00' RT

700+56.18
115.94' RT

FAP 322 (US 51)
687+18.29, 0' =
CH 6
50+00.00, 0'

S 89° 53' 37" E
2,683.77'

S 89° 53' 37" E
949.59'

FAP 322 (US 51)
687+02.52, 252.69' RT=
CH 6
52+50.00, 40.00' LT

N 89° 53' 37" W
8.12'

FOUND GAS PIPE
SE CORNER
SW 1/4
SEC 36

SET #4 REBAR
NE CORNER
NW 1/4
SEC 1

FOUND BRASS
PLATE
NW CORNER
SEC 1

SET #4
REBAR
SW CORNER
SEC 36

1690+00

PROPOSED, FAP 322 (US 51)

1695+00

1700+00

N 12° 26' 26" W

6085166B

REMAINING AREA THIS SIDE = 29.259 ACRES

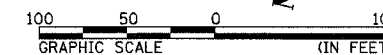
PARCEL NO 6085166A & B
BRANYAN FARMS, INC.
TOTAL HOLDING = 61.920 ACRES
FOR PARCEL A SEE SHEET 1

6085166B
TOTAL AREA = 40.701 ACRES
REQUIRED ROW AREA = 7.758 ACRES
EXISTING ROW AREA = 0.415 ACRES
TOTAL ROW AREA = 8.173 ACRES
REMAINING AREA = 32.528 ACRES

SW 1/4 SEC 36, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 686+00 TO STA 701+25
SCALE 1 = 50'

SHEET NO. 2 OF 24

4/23/2005 3:27:35 PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

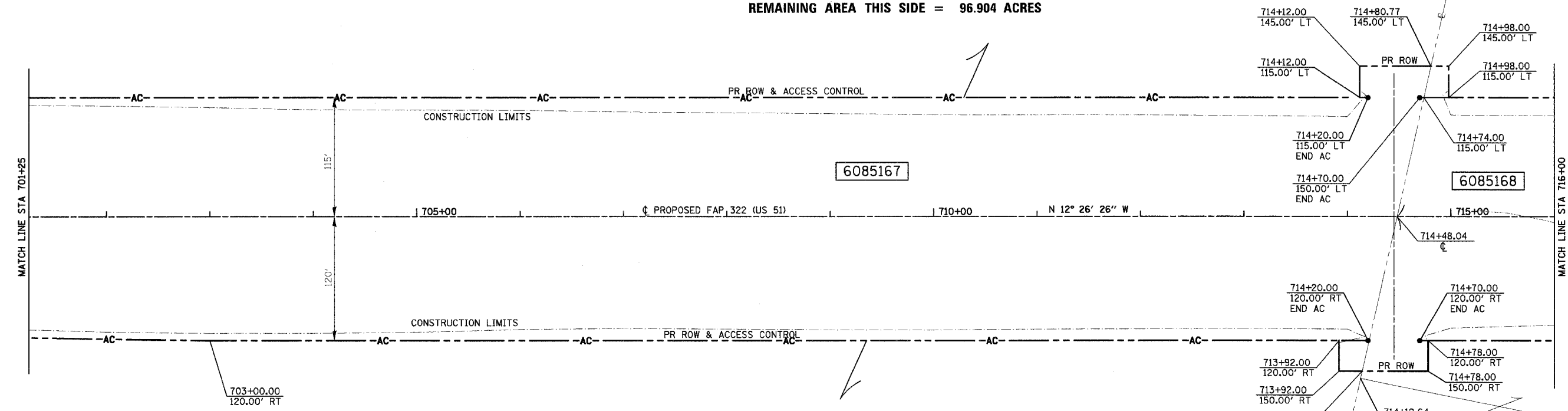
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SW 1/4 SEC 36, T13 N, R1 E, 3RD PM

PARCEL NO 6085167
VIVIAN WENDLING

TOTAL AREA = 142.093 ACRES
REQUIRED ROW AREA = 7.427 ACRES
EXISTING ROW AREA = 0.000 ACRES
TOTAL ROW AREA = 7.427 ACRES
REMAINING AREA = 134.666 ACRES

REMAINING AREA THIS SIDE = 96.904 ACRES



REMAINING AREA THIS SIDE = 37.762 ACRES

PARCEL NO 6085167
VIVIAN WENDLING
SEE TABULATIONS ABOVE

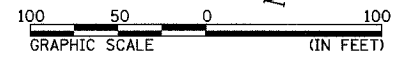
PARCEL NO 6085168
JAMES R. HAVERA
FOR TABULATIONS SEE SHEET 4

SW 1/4 SEC 36, T13 N, R1 E, 3RD PM

NW 1/4 SEC 36, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT CHRISTIAN
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 701+25 TO STA 716+00
SCALE 1 = 50'

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3/29/2005

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

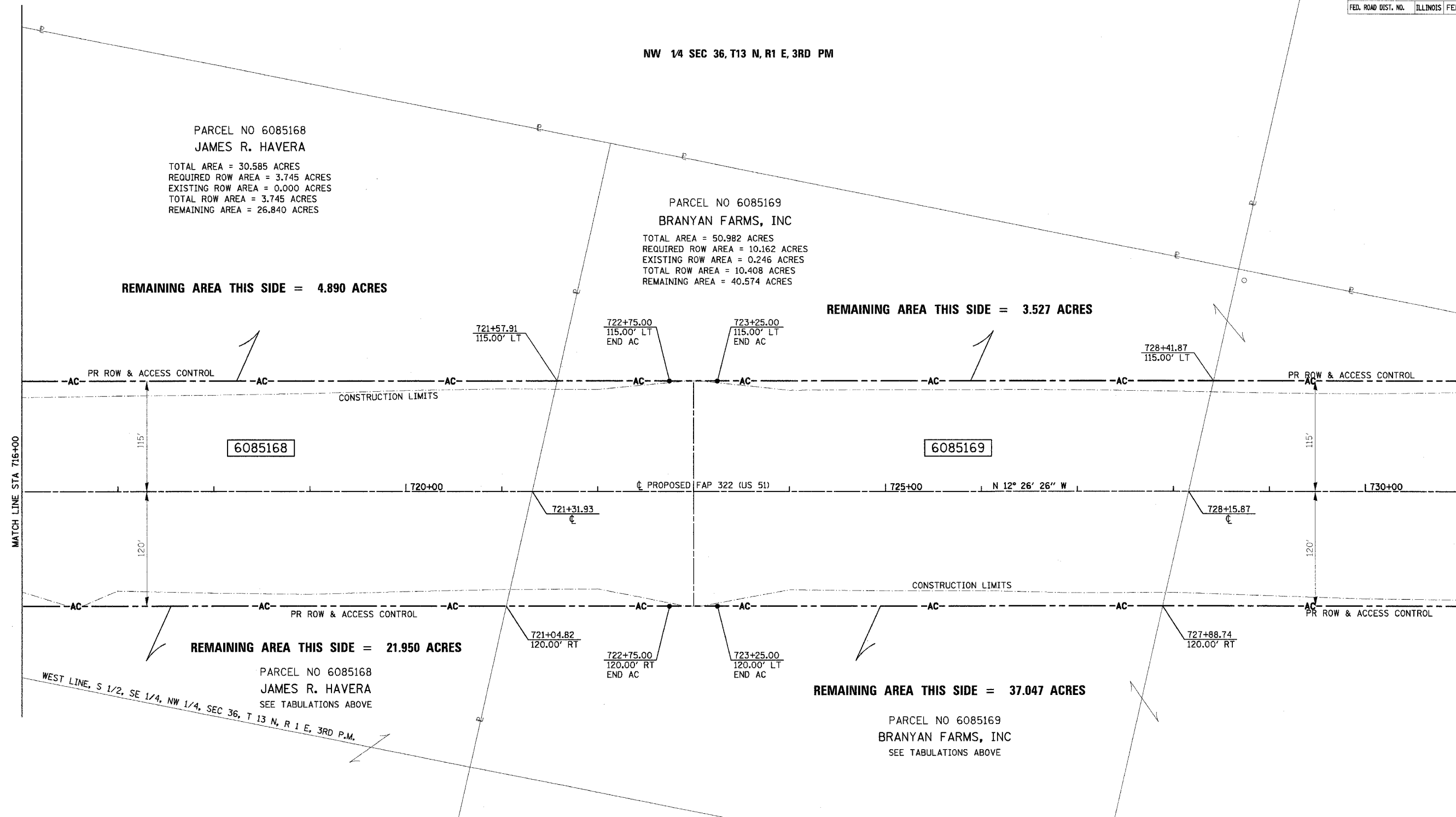
NW 1/4 SEC 36, T13 N, R1 E, 3RD PM

PARCEL NO 6085168
 JAMES R. HAVERA
 TOTAL AREA = 30.585 ACRES
 REQUIRED ROW AREA = 3.745 ACRES
 EXISTING ROW AREA = 0.000 ACRES
 TOTAL ROW AREA = 3.745 ACRES
 REMAINING AREA = 26.840 ACRES

PARCEL NO 6085169
 BRANYAN FARMS, INC
 TOTAL AREA = 50.982 ACRES
 REQUIRED ROW AREA = 10.162 ACRES
 EXISTING ROW AREA = 0.246 ACRES
 TOTAL ROW AREA = 10.408 ACRES
 REMAINING AREA = 40.574 ACRES

REMAINING AREA THIS SIDE = 4.890 ACRES

REMAINING AREA THIS SIDE = 3.527 ACRES



MATCH LINE STA 716+00

MATCH LINE STA 731+00

REMAINING AREA THIS SIDE = 21.950 ACRES

REMAINING AREA THIS SIDE = 37.047 ACRES

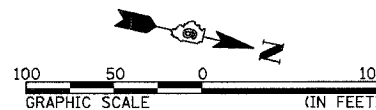
PARCEL NO 6085168
 JAMES R. HAVERA
 SEE TABULATIONS ABOVE
 WEST LINE, S 1/2, SE 1/4, NW 1/4, SEC 36, T 13 N, R 1 E, 3RD P.M.

PARCEL NO 6085169
 BRANYAN FARMS, INC
 SEE TABULATIONS ABOVE

NW 1/4 SEC 36, T13 N, R1 E, 3RD PM

NOTES:
 BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
 COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
 SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
 TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
 GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
 SECTION 11-1
 PROJECT
 COUNTY CHRISTIAN
 JOB NO. R-96-008-95
 STA 716+00 TO STA 731+00
 SCALE 1 = 50'

SHEET NO. 4 OF 24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	83
STA. 322		TO STA. 746+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NW 1/4 SEC 36, T13 N, R1 E, 3RD PM

SW 1/4 SEC 25, T13 N, R1 E, 3RD PM

PARCEL NO 6085170

GEORGE M. HILER
PENNY B. HILER

TOTAL AREA = 20.399 ACRES
REQUIRED ROW AREA = 1.587 ACRES
EXISTING ROW AREA = 0.303 ACRES
TOTAL ROW AREA = 1.890 ACRES
REMAINING AREA = 18.509 ACRES

PARCEL NO 6085171
VIVIAN WENDLING
SEE TABULATIONS ON SHEET 6

REMAINING AREA THIS SIDE = 12.858 ACRES

REMAINING AREA THIS SIDE = 27.486 ACRES

PARCEL NO 6085169

BRANYAN FARMS, INC

TOTAL AREA = 50.982 ACRES
REQUIRED ROW AREA = 10.162 ACRES
EXISTING ROW AREA = 0.246 ACRES
TOTAL ROW AREA = 10.408 ACRES
REMAINING AREA = 40.574 ACRES

PARCEL NO 6085171

VIVIAN WENDLING

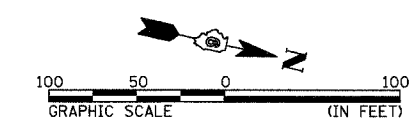
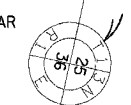
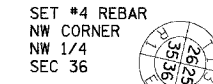
SEE TABULATIONS ON SHEET 6

NW 1/4 SEC 36, T13 N, R1 E, 3RD PM

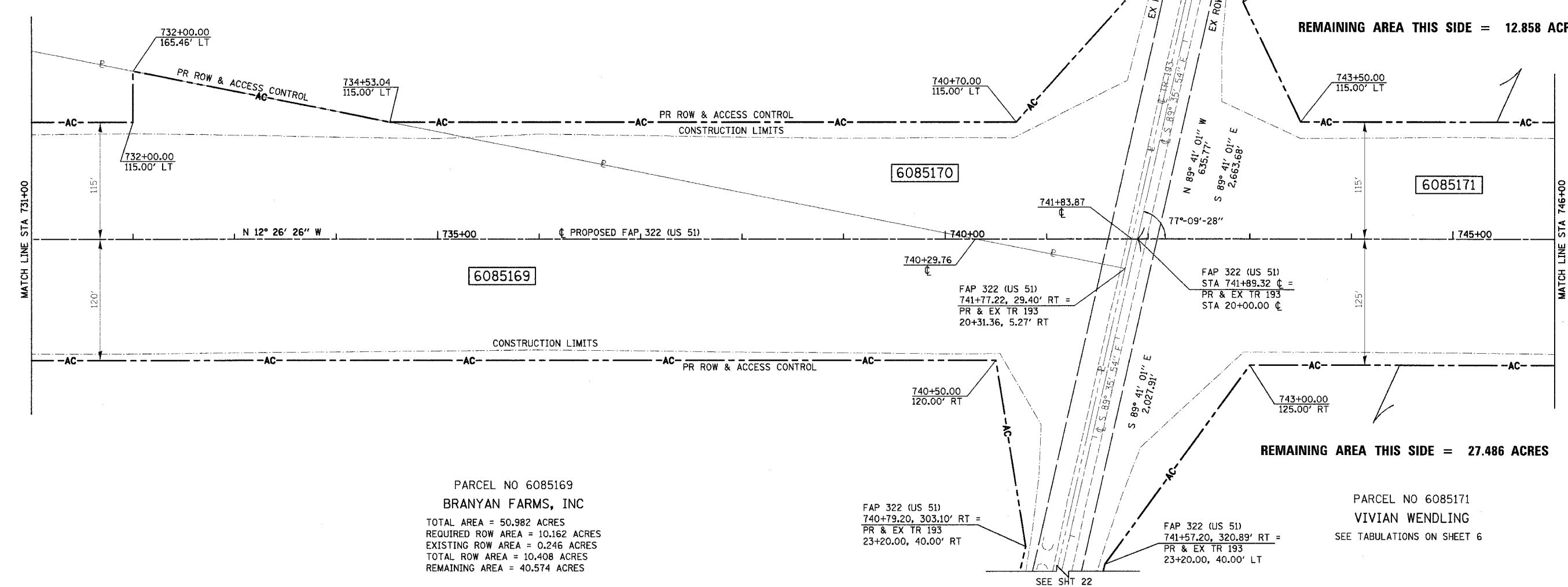
SW 1/4 SEC 25, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS	
ROUTE	F.A.P. 322 (US 51)
SECTION	11-1
PROJECT	
COUNTY	CHRISTIAN
JOB NO.	R-96-008-95
STA 731+00	TO STA 746+00
SCALE 1 = 50'	
SHEET NO. 5 OF 24	



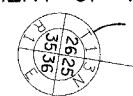
4/20/2005 3/29/2005

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

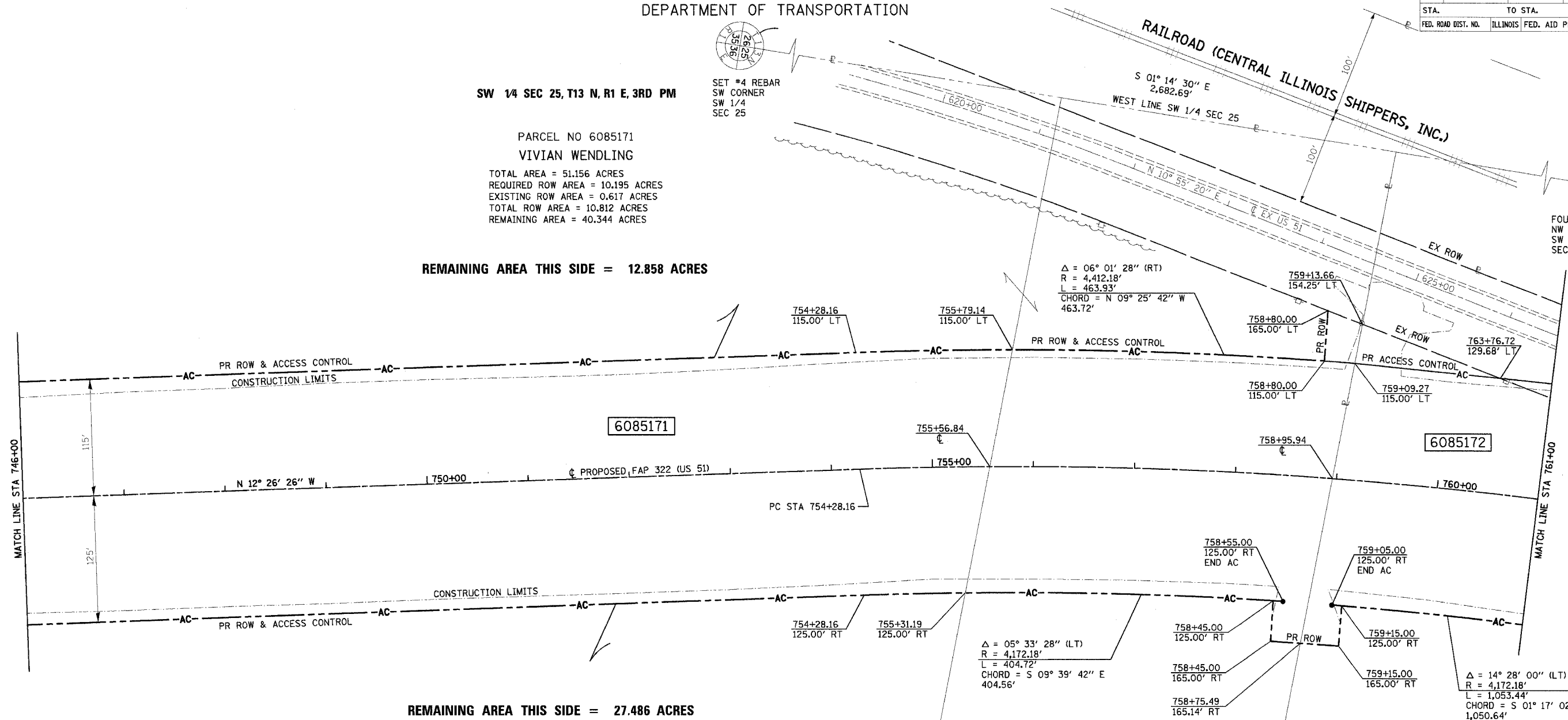
SW 1/4 SEC 25, T13 N, R1 E, 3RD PM

PARCEL NO 6085171
 VIVIAN WENDLING
 TOTAL AREA = 51.156 ACRES
 REQUIRED ROW AREA = 10.195 ACRES
 EXISTING ROW AREA = 0.617 ACRES
 TOTAL ROW AREA = 10.812 ACRES
 REMAINING AREA = 40.344 ACRES



SET #4 REBAR
 SW CORNER
 SW 1/4
 SEC 25

REMAINING AREA THIS SIDE = 12.858 ACRES



REMAINING AREA THIS SIDE = 27.486 ACRES

PARCEL NO 6085171
 VIVIAN WENDLING
 SEE TABULATIONS ABOVE

SW 1/4 SEC 25, T13 N, R1 E, 3RD PM

PROP CURVE 3-P
 PI STA = 763+16.39
 $\Delta = 23^\circ 21' 26''$ (RT)
 D = $1^\circ 20' 00''$
 R = 4,297.18'
 T = 888.23'
 L = 1,751.79'
 E = 90.84'
 SE = 4.2%
 PC STA = 754+28.16
 PT STA = 771+79.95
 SE ATTAINED STA 752+61 TO STA 754+91
 SE REMOVED STA 771+17 TO STA 773+47

PARCEL NO 6085172
 IRENE MORRISON TRUST
 FOR TABULATIONS SEE SHEET 7

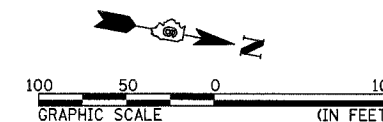
RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
 SECTION 11-1
 PROJECT
 COUNTY CHRISTIAN
 JOB NO. R-96-008-95
 STA 746+00 TO STA 761+00
 SCALE 1 = 50'

SHEET NO. 6 OF 24

NOTES:
 BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
 COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
 SURVEYED IN ENGLISH.

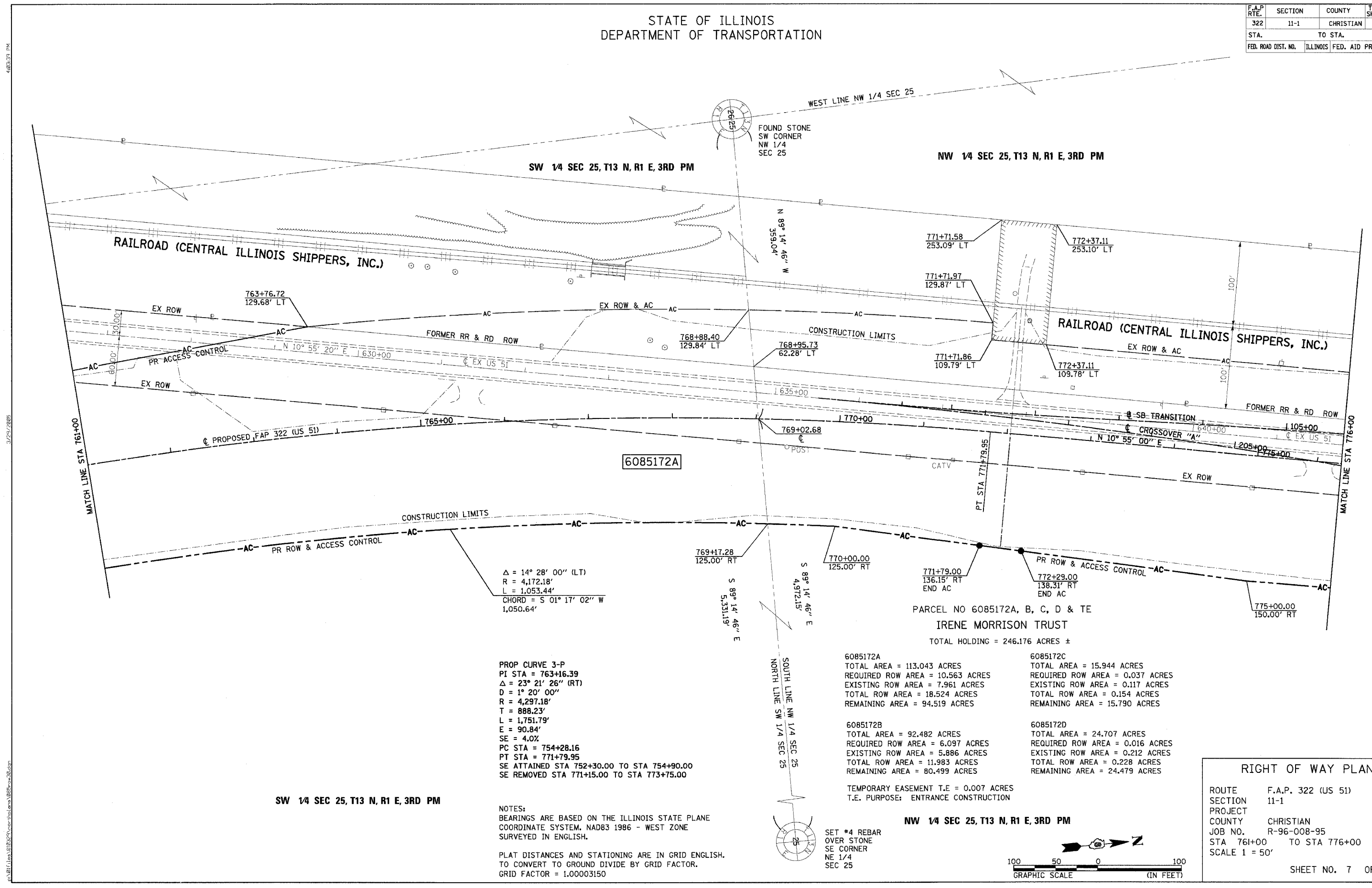
PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
 TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
 GRID FACTOR = 1.00003150



4/21/2005 3:21 PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



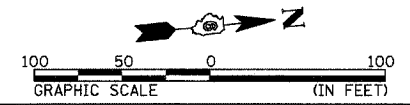
PROP CURVE 3-P
 PI STA = 763+16.39
 $\Delta = 23^\circ 21' 26''$ (RT)
 $D = 1^\circ 20' 00''$
 $R = 4,297.18'$
 $T = 888.23'$
 $L = 1,751.79'$
 $E = 90.84'$
 $SE = 4.0\%$
 PC STA = 754+28.16
 PT STA = 771+79.95
 SE ATTAINED STA 752+30.00 TO STA 754+90.00
 SE REMOVED STA 771+15.00 TO STA 773+75.00

NOTES:
 BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 1986 - WEST ZONE SURVEYED IN ENGLISH.
 PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH. TO CONVERT TO GROUND DIVIDE BY GRID FACTOR. GRID FACTOR = 1.00003150

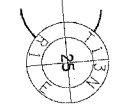
<p>6085172A TOTAL AREA = 113.043 ACRES REQUIRED ROW AREA = 10.563 ACRES EXISTING ROW AREA = 7.961 ACRES TOTAL ROW AREA = 18.524 ACRES REMAINING AREA = 94.519 ACRES</p>	<p>6085172C TOTAL AREA = 15.944 ACRES REQUIRED ROW AREA = 0.037 ACRES EXISTING ROW AREA = 0.117 ACRES TOTAL ROW AREA = 0.154 ACRES REMAINING AREA = 15.790 ACRES</p>
<p>6085172B TOTAL AREA = 92.482 ACRES REQUIRED ROW AREA = 6.097 ACRES EXISTING ROW AREA = 5.886 ACRES TOTAL ROW AREA = 11.983 ACRES REMAINING AREA = 80.499 ACRES</p>	<p>6085172D TOTAL AREA = 24.707 ACRES REQUIRED ROW AREA = 0.016 ACRES EXISTING ROW AREA = 0.212 ACRES TOTAL ROW AREA = 0.228 ACRES REMAINING AREA = 24.479 ACRES</p>

TEMPORARY EASEMENT T.E. = 0.007 ACRES
 T.E. PURPOSE: ENTRANCE CONSTRUCTION

RIGHT OF WAY PLANS	
ROUTE	F.A.P. 322 (US 51)
SECTION	11-1
PROJECT	
COUNTY	CHRISTIAN
JOB NO.	R-96-008-95
STA	761+00 TO STA 776+00
SCALE	1 = 50'
SHEET NO. 7 OF 24	



SET #4 REBAR
 OVER STONE
 SE CORNER
 NE 1/4
 SEC 25



483333 PM
3/29/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	87
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NW 1/4 SEC 25, T13 N, R1 E, 3RD PM

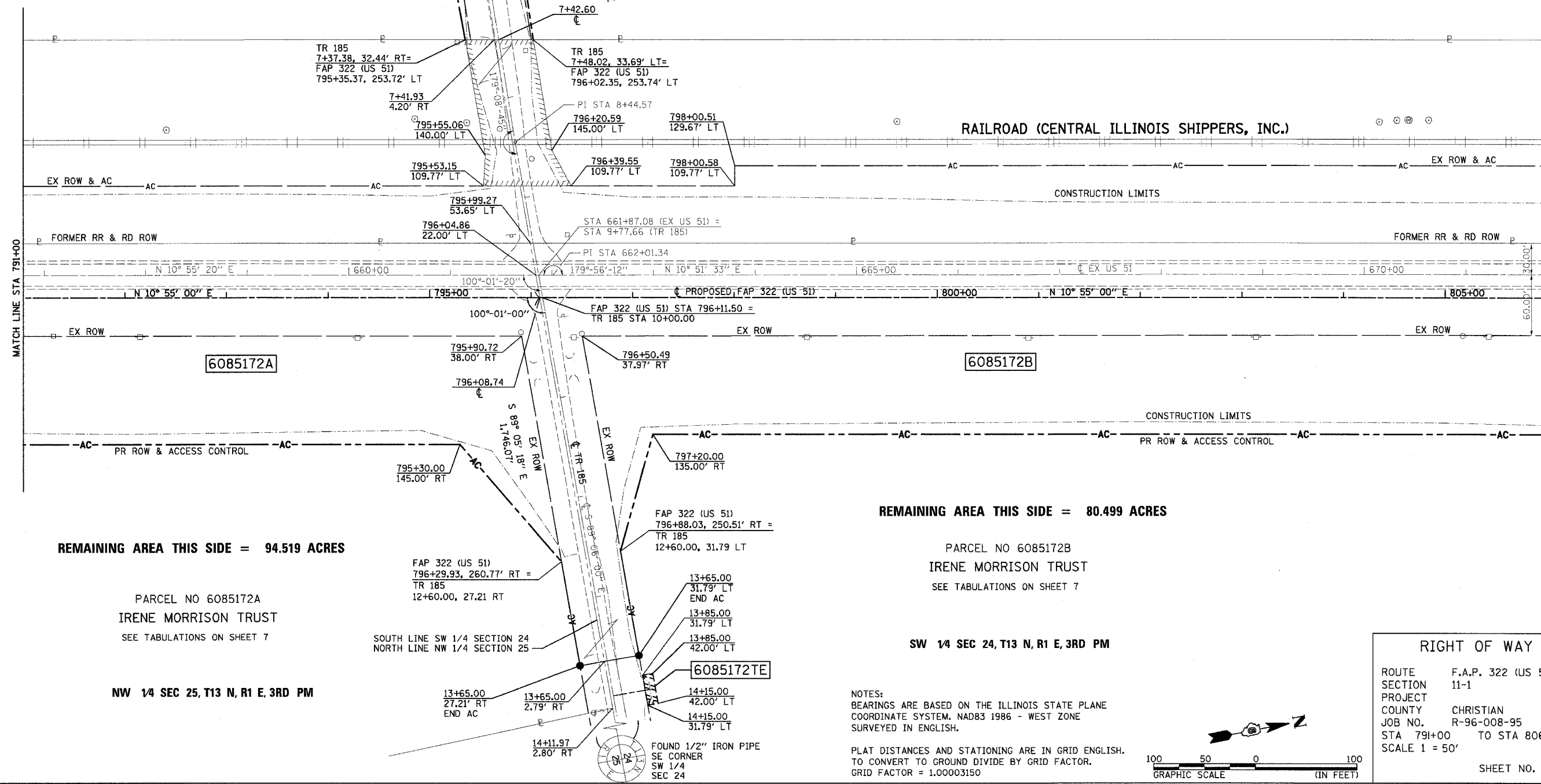
PARCEL NO 6085172C
IRENE MORRISON TRUST
SEE TABULATIONS ON SHEET 7

REMAINING AREA THIS SIDE = 15.790 ACRES

SW 1/4 SEC 24, T13 N, R1 E, 3RD PM

PARCEL NO 6085172D
IRENE MORRISON TRUST
SEE TABULATIONS ON SHEET 7

REMAINING AREA THIS SIDE = 24.479 ACRES



REMAINING AREA THIS SIDE = 94.519 ACRES

PARCEL NO 6085172A
IRENE MORRISON TRUST
SEE TABULATIONS ON SHEET 7

NW 1/4 SEC 25, T13 N, R1 E, 3RD PM

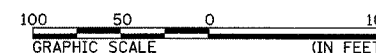
REMAINING AREA THIS SIDE = 80.499 ACRES

PARCEL NO 6085172B
IRENE MORRISON TRUST
SEE TABULATIONS ON SHEET 7

SW 1/4 SEC 24, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 791+00 TO STA 806+00
SCALE 1 = 50'

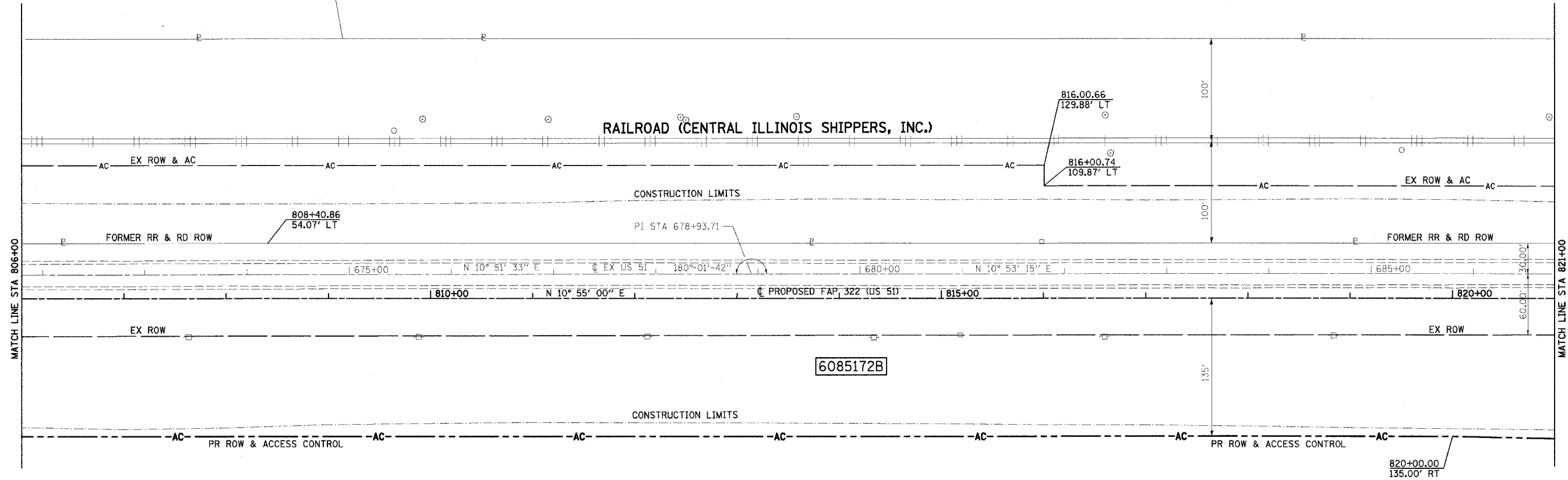
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PARCEL NO 6085172D
IRENE MORRISON TRUST
SEE TABULATIONS ON SHEET 7

SW 1/4 SEC 24, T13 N, R1 E, 3RD PM

REMAINING AREA THIS SIDE = 24.479 ACRES

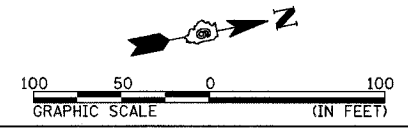


REMAINING AREA THIS SIDE = 80.499 ACRES

PARCEL NO 6085172B
IRENE MORRISON TRUST
SEE TABULATIONS ON SHEET 7

SW 1/4 SEC 24, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 1986 - WEST ZONE SURVEYED IN ENGLISH.
PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH. TO CONVERT TO GROUND DIVIDE BY GRID FACTOR. GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS	
ROUTE	F.A.P. 322 (US 51)
SECTION	11-1
PROJECT	
COUNTY	CHRISTIAN
JOB NO.	R-96-008-95
STA	806+00 TO STA 821+00
SCALE	1 = 50'
SHEET NO. 10 OF 24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

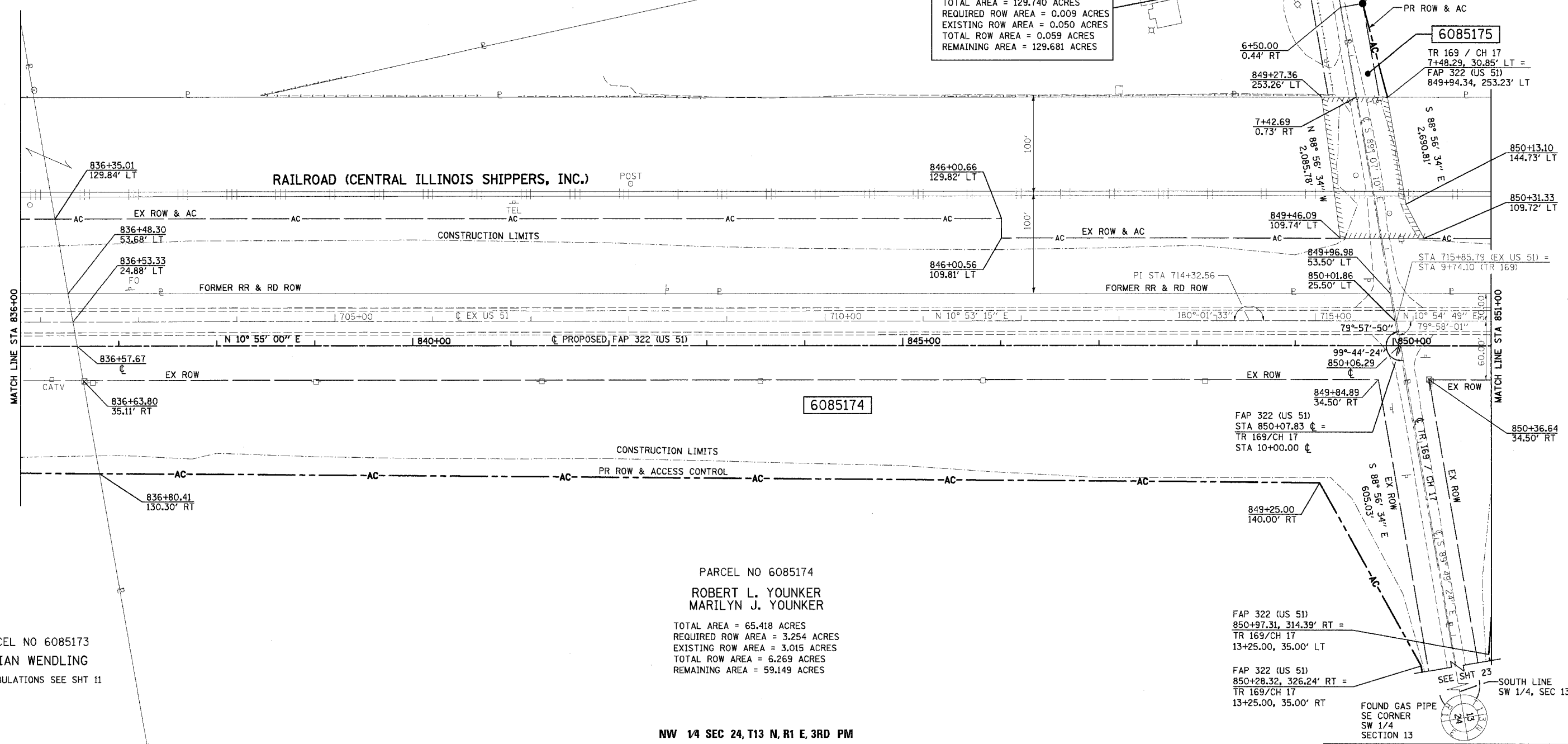
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	90
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NW 1/4 SEC 24, T13 N, R1 E, 3RD PM

PARCEL NO 6085175
ERMA JEAN POSTLEWAIT
TOTAL AREA = 129.740 ACRES
REQUIRED ROW AREA = 0.009 ACRES
EXISTING ROW AREA = 0.050 ACRES
TOTAL ROW AREA = 0.059 ACRES
REMAINING AREA = 129.681 ACRES

6085175

TR 169 / CH 17
7+48.29, 30.85' LT =
FAP 322 (US 51)
849+94.34, 253.23' LT

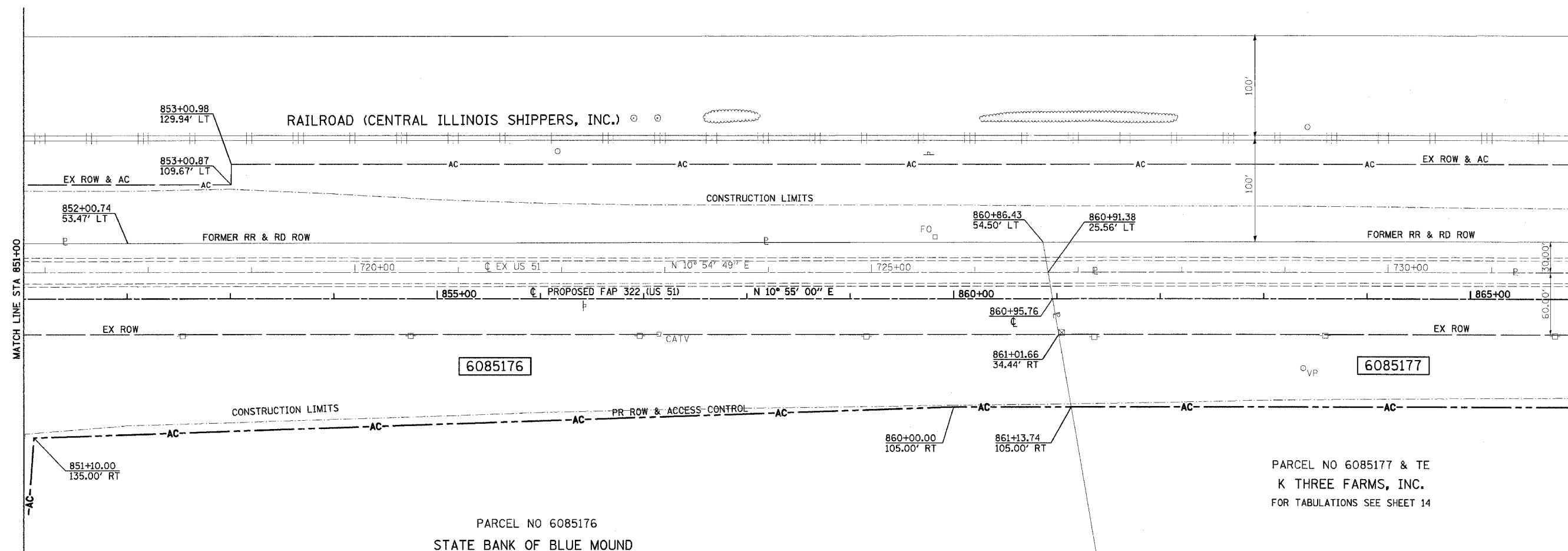


3/29/2005
483342.DWG

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SW 1/4 SEC 13, T13 N, R1 E, 3RD PM

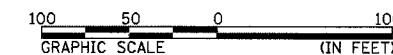


SW 1/4 SEC 13, T13 N, R1 E, 3RD PM

EAST LINE SW 1/4 SECTION 13
WEST LINE SE 1/4 SECTION 13

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 1986 - WEST ZONE SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH. TO CONVERT TO GROUND DIVIDE BY GRID FACTOR. GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 851+00 TO STA 866+00
SCALE 1 = 50'

SHEET NO. 13 OF 24

4/23/13 PM
3/24/2005
p:\011\area\0102320\map\01plan\01\row\01.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

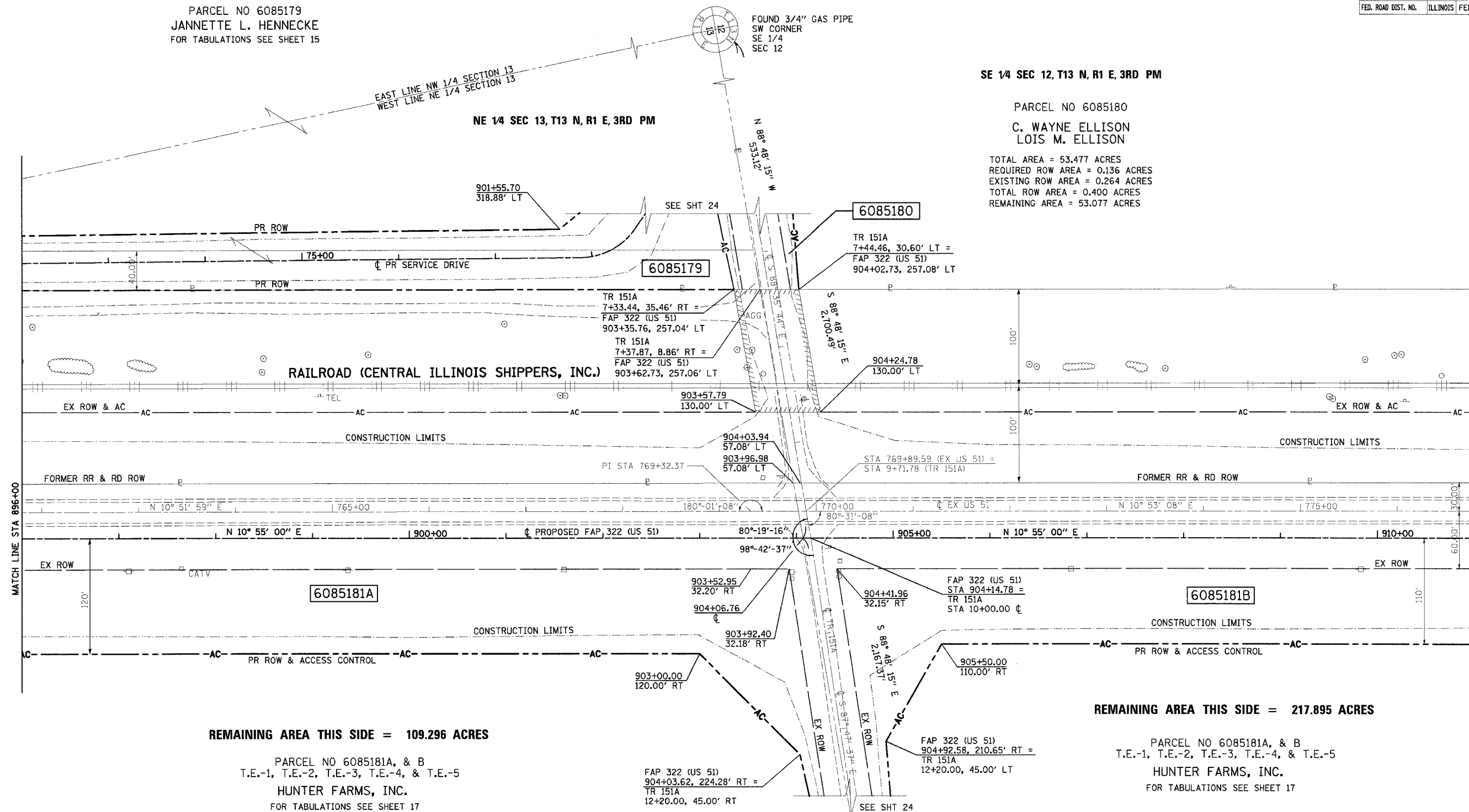
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARCEL NO 6085179
JANNETTE L. HENNECKE
FOR TABULATIONS SEE SHEET 15

SE 1/4 SEC 12, T13 N, R1 E, 3RD PM

PARCEL NO 6085180
C. WAYNE ELLISON
LOIS M. ELLISON

TOTAL AREA = 53.477 ACRES
REQUIRED ROW AREA = 0.136 ACRES
EXISTING ROW AREA = 0.264 ACRES
TOTAL ROW AREA = 0.400 ACRES
REMAINING AREA = 53.077 ACRES



REMAINING AREA THIS SIDE = 109.296 ACRES

PARCEL NO 6085181A, & B
T.E.-1, T.E.-2, T.E.-3, T.E.-4, & T.E.-5
HUNTER FARMS, INC.
FOR TABULATIONS SEE SHEET 17

REMAINING AREA THIS SIDE = 217.895 ACRES

PARCEL NO 6085181A, & B
T.E.-1, T.E.-2, T.E.-3, T.E.-4, & T.E.-5
HUNTER FARMS, INC.
FOR TABULATIONS SEE SHEET 17

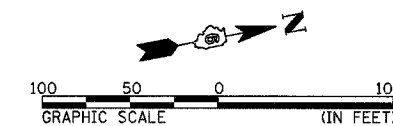
NE 1/4 SEC 13, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM. NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150

SE 1/4 SEC 12, T13 N, R1 E, 3RD PM

SOUTH LINE SE 1/4 SECTION 12
NORTH LINE NE 1/4 SECTION 13



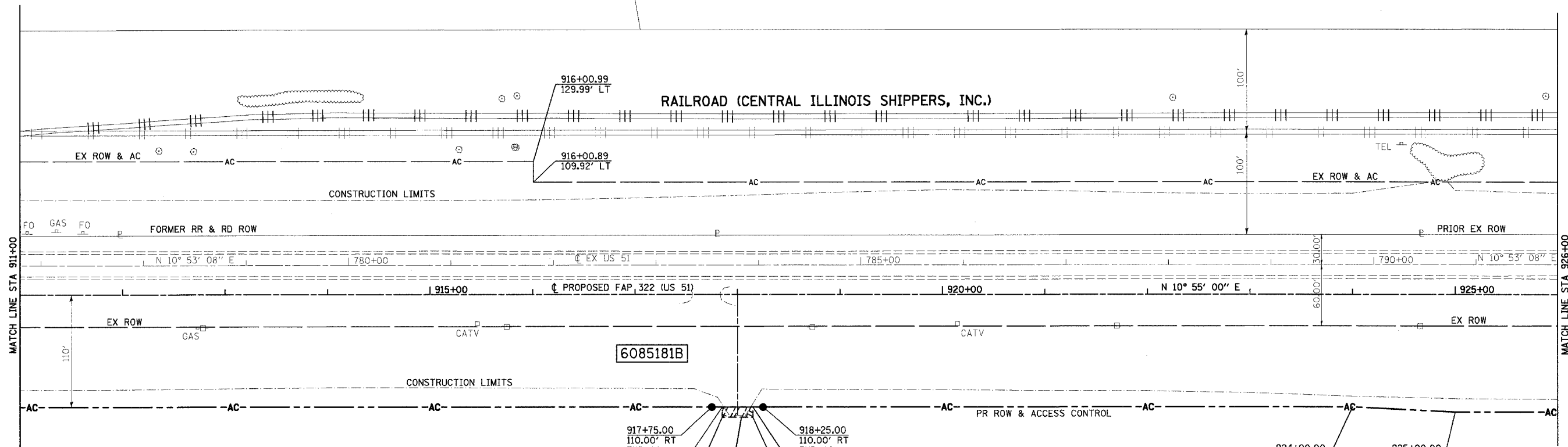
RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 896+00 TO STA 911+00
SCALE 1 = 50'

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SE 1/4 SEC 12, T13 N, R1 E, 3RD PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



6085181B

6085181TE-4

REMAINING AREA THIS SIDE = 217.895 ACRES

PARCEL NO 6085181A, & B
T.E.-1, T.E.-2, T.E.-3, T.E.-4, & T.E.-5
HUNTER FARMS, INC.
TOTAL HOLDING = 355.145 ACRES

6085181A TOTAL AREA = 115.259 ACRES REQUIRED ROW AREA = 2.902 ACRES EXISTING ROW AREA = 3.061 ACRES TOTAL ROW AREA = 5.963 ACRES REMAINING AREA = 109.296 ACRES	6085181B TOTAL AREA = 239.886 ACRES REQUIRED ROW AREA = 10.658 ACRES EXISTING ROW AREA = 11.333 ACRES TOTAL ROW AREA = 21.991 ACRES REMAINING AREA = 217.895 ACRES
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- TEMPORARY EASEMENT T.E.-1 = 0.032 ACRES
T.E. PURPOSE: BUILDING REMOVAL
- TEMPORARY EASEMENT T.E.-2 = 0.007 ACRES
T.E. PURPOSE: ENTRANCE CONSTRUCTION
- TEMPORARY EASEMENT T.E.-3 = 0.007 ACRES
T.E. PURPOSE: ENTRANCE CONSTRUCTION
- TEMPORARY EASEMENT T.E.-4 = 0.007 ACRES
T.E. PURPOSE: ENTRANCE CONSTRUCTION
- TEMPORARY EASEMENT T.E.-5 = 0.008 ACRES
T.E. PURPOSE: ENTRANCE CONSTRUCTION

SE 1/4 SEC 12, T13 N, R1 E, 3RD PM

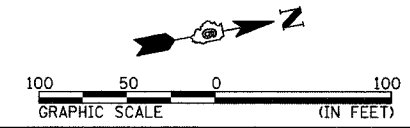
NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150

RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 911+00 TO STA 926+00
SCALE 1" = 50'

SHEET NO. 17 OF 24



4/23/16 PM

3/29/2015

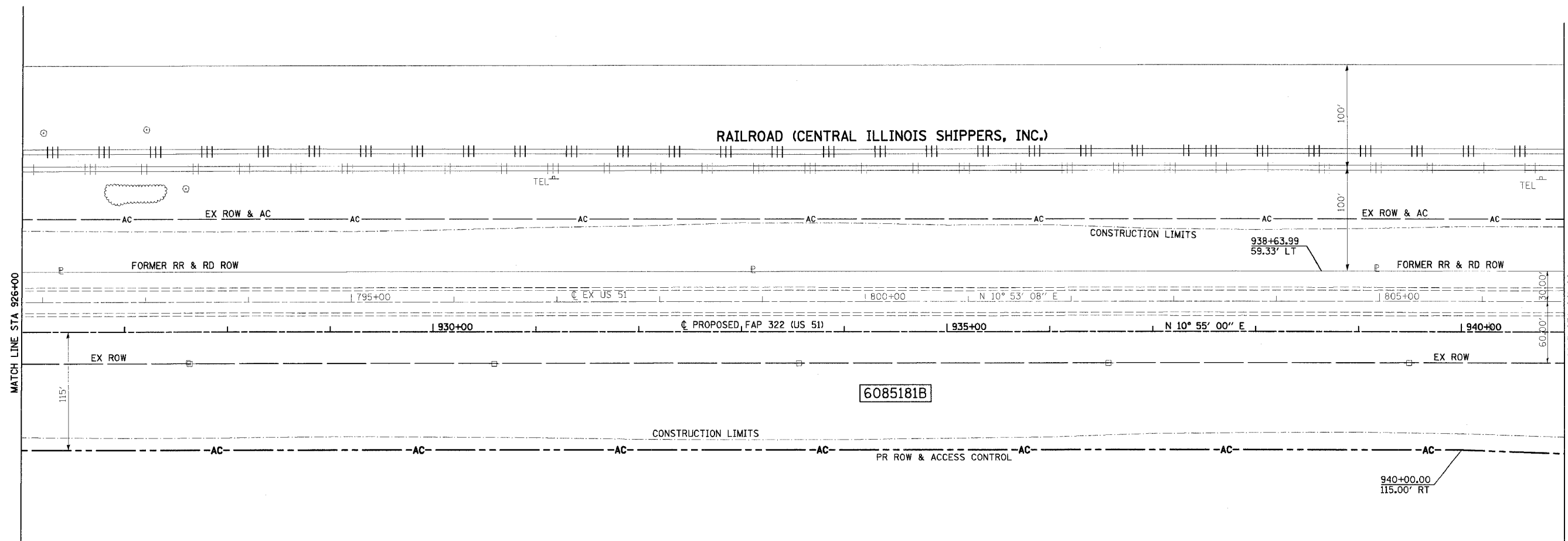
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	96
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SE 1/4 SEC 12, T13 N, R1 E, 3RD PM

NE 1/4 SEC 12, T13 N, R1 E, 3RD PM



REMAINING AREA THIS SIDE = 217.895 ACRES

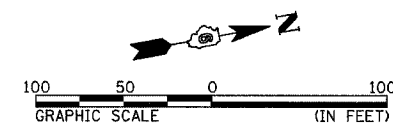
PARCEL NO 6085181A, & B
T.E.-1, T.E.-2, T.E.-3, T.E.-4, & T.E.-5
HUNTER FARMS, INC.
FOR TABULATIONS SEE SHEET 17

SE 1/4 SEC 12, T13 N, R1 E, 3RD PM

NE 1/4 SEC 12, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

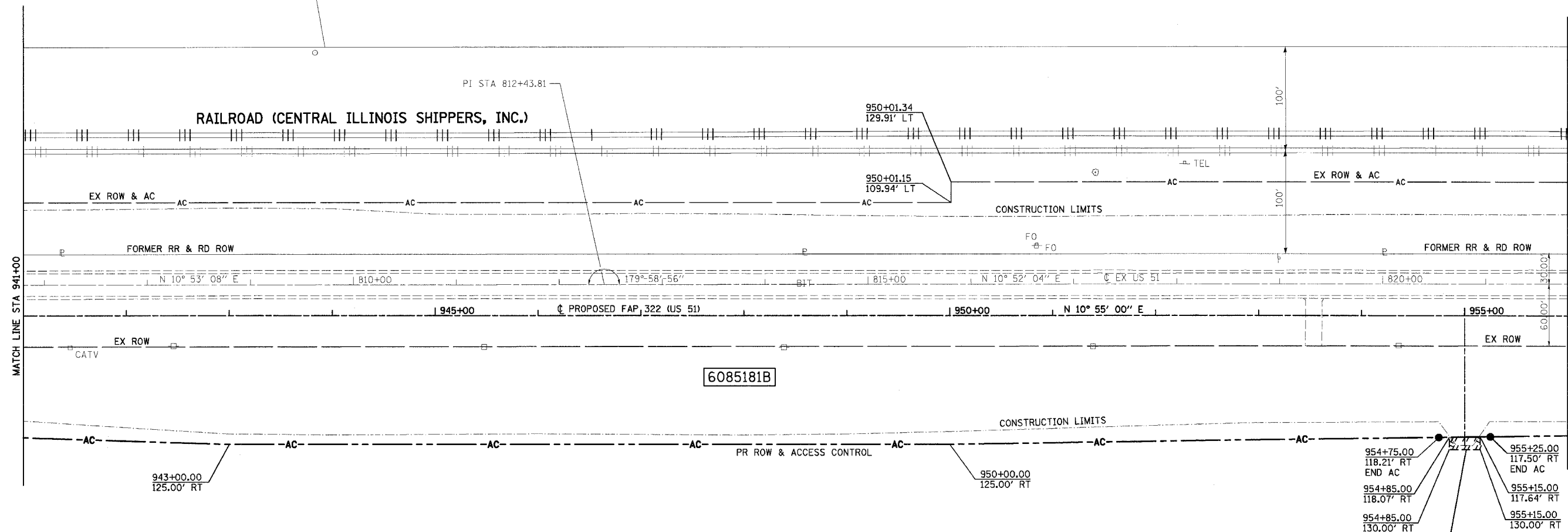
ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 926+00 TO STA 941+00
SCALE 1 = 50'

SHEET NO. 18 OF 24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	97
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NE 1/4 SEC 12, T13 N, R1 E, 3RD PM



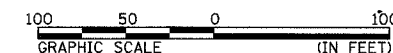
REMAINING AREA THIS SIDE = 217.895 ACRES

PARCEL NO 6085181A, & B
T.E.-1, T.E.-2, T.E.-3, T.E.-4, & T.E.-5
HUNTER FARMS, INC.
FOR TABULATIONS SEE SHEET 17

NE 1/4 SEC 12, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

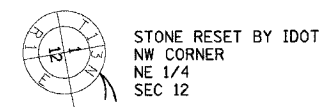
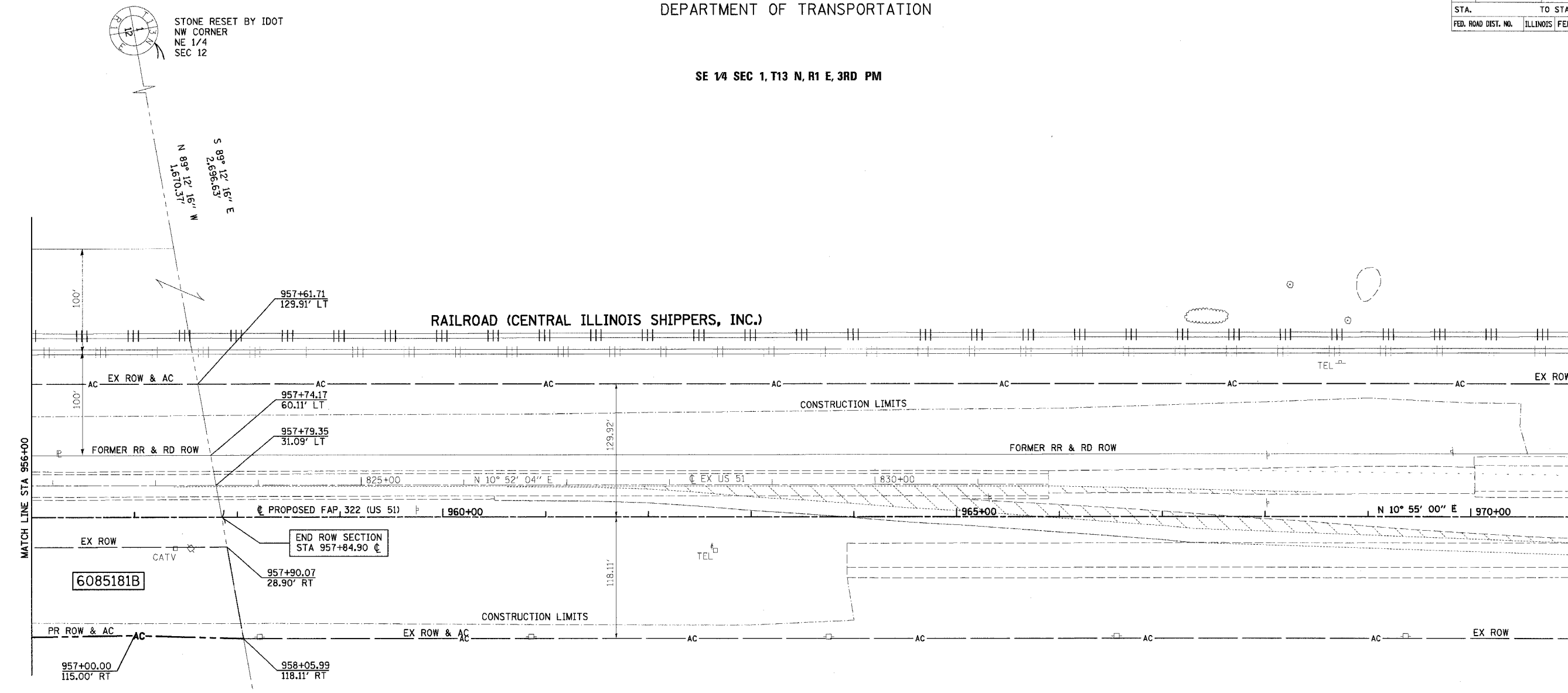
ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 941+00 TO STA 956+00
SCALE 1 = 50'

SHEET NO. 19 OF 24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	98
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SE 1/4 SEC 1, T13 N, R1 E, 3RD PM



STONE RESET BY IDOT
NW CORNER
NE 1/4
SEC 12

S 89° 12' 16" E
2,696.63'
N 89° 12' 16" W
1,670.31'

END ROW SECTION
STA 957+84.90

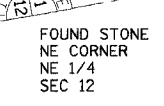
S 89° 12' 16" E
1,026.26'
NORTH LINE SE 1/4 SECTION 1
SOUTH LINE NE 1/4 SECTION 12

REMAINING AREA THIS SIDE = 217.895 ACRES

PARCEL NO 6085181A, & B
T.E.-1, T.E.-2, T.E.-3, T.E.-4, & T.E.-5
HUNTER FARMS, INC.
FOR TABULATIONS SEE SHEET 17

NE 1/4 SEC 12, T13 N, R1 E, 3RD PM

CHRISTIAN COUNTY
SHELBY COUNTY

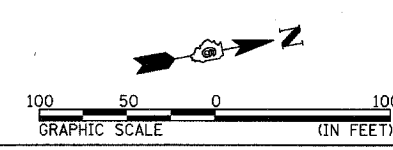


FOUND STONE
NE CORNER
NE 1/4
SEC 12

SE 1/4 SEC 1, T13 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



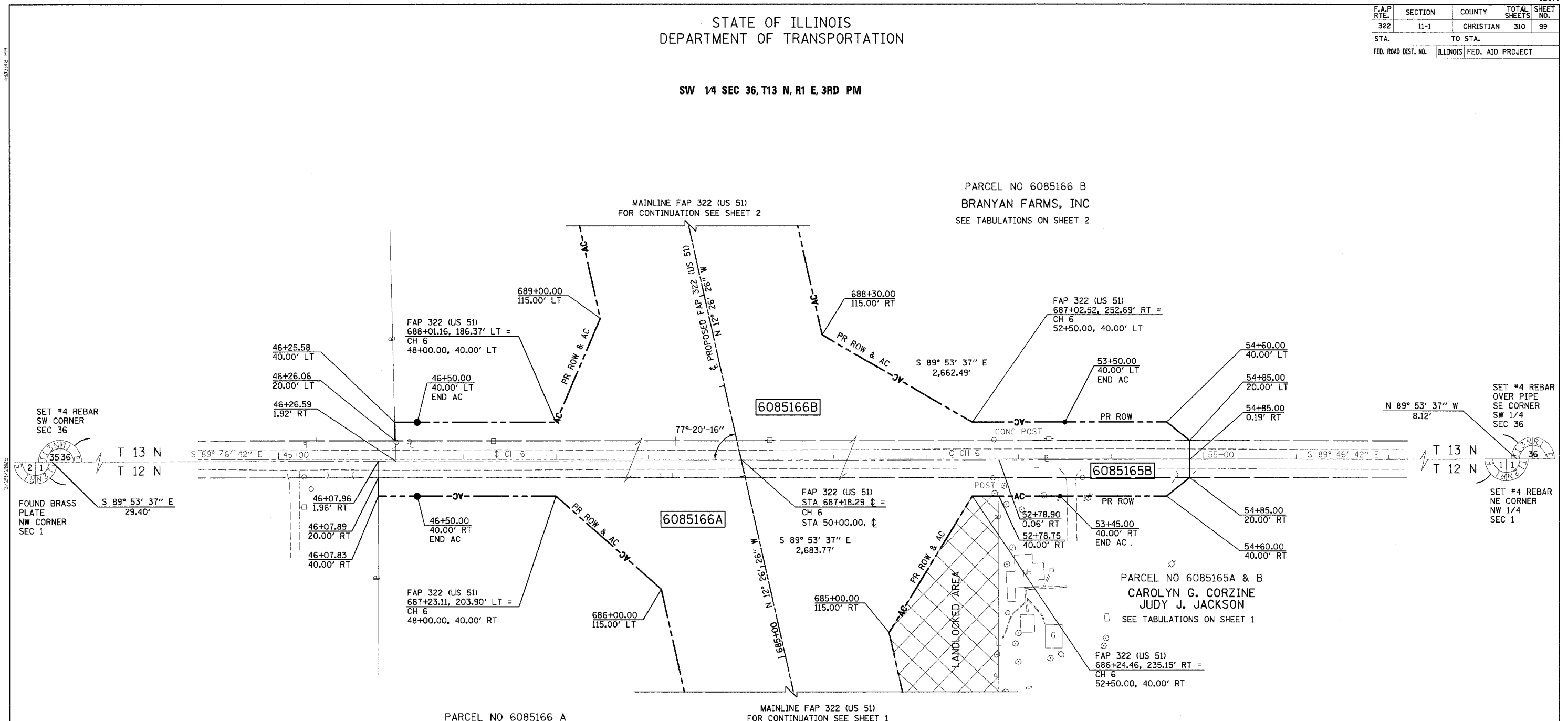
RIGHT OF WAY PLANS	
ROUTE	F.A.P. 322 (US 51)
SECTION	11-1
PROJECT	
COUNTY	CHRISTIAN
JOB NO.	R-96-008-95
STA	956+00 TO STA 970+00
SCALE	1 = 50'
SHEET NO. 20 OF 24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	99
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SW 1/4 SEC 36, T13 N, R1 E, 3RD PM

PARCEL NO 6085166 B
BRANYAN FARMS, INC
SEE TABULATIONS ON SHEET 2



PARCEL NO 6085166 A
BRANYAN FARMS, INC
SEE TABULATIONS ON SHEET 1

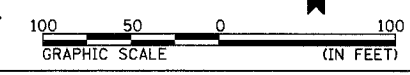
MAINLINE FAP 322 (US 51)
FOR CONTINUATION SEE SHEET 1

PARCEL NO 6085165A & B
CAROLYN G. CORZINE
JUDY J. JACKSON
SEE TABULATIONS ON SHEET 1

NW 1/4 SEC 1, T12 N, R1 E, 3RD PM

NOTES:
BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE
COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS	
ROUTE	F.A.P. 322 (US 51)
SECTION	11-1
PROJECT	
COUNTY	CHRISTIAN
JOB NO.	R-96-008-95
STA	43+00 TO STA 58+00
SCALE	1" = 50'
SHEET NO. 21 OF 24	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-1	CHRISTIAN	310	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SW 1/4 SEC 25, T13 N, R1 E, 3RD PM

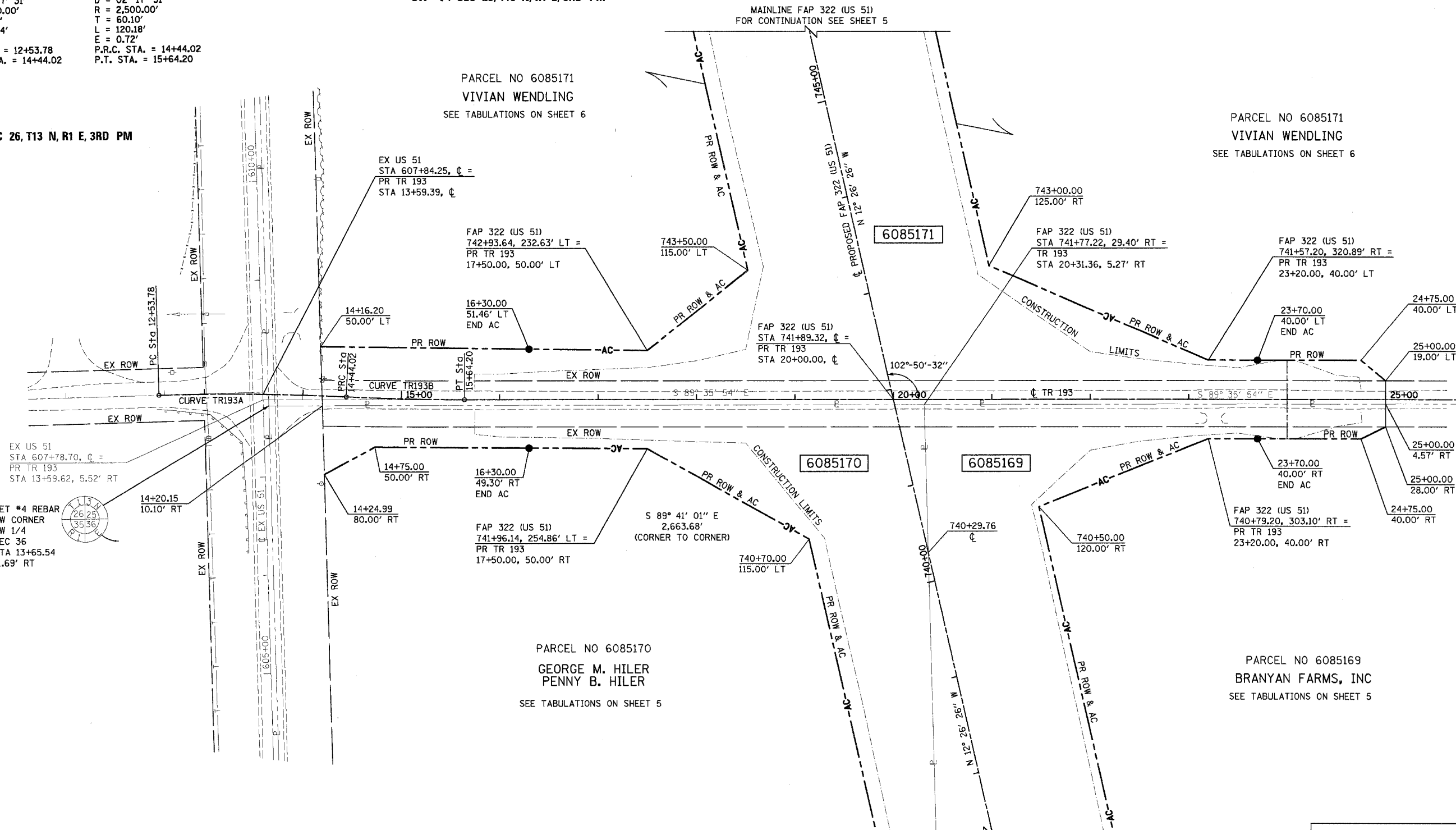
PROP. CURVE TR193A
PI STA. = 13+48.95
 $\Delta = 04^\circ 21' 36''$ (RT)
D = 02° 17' 31"
R = 2,500.00'
T = 95.17'
L = 190.24'
E = 1.81'
P.C. STA. = 12+53.78
P.R.C. STA. = 14+44.02

PROP. CURVE TR193B
PI STA. = 15+04.12
 $\Delta = 02^\circ 45' 15''$ (LT)
D = 02° 17' 31"
R = 2,500.00'
T = 60.10'
L = 120.18'
E = 0.72'
P.R.C. STA. = 14+44.02
P.T. STA. = 15+64.20

SE 1/4 SEC 26, T13 N, R1 E, 3RD PM

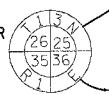
PARCEL NO 6085171
VIVIAN WENDLING
SEE TABULATIONS ON SHEET 6

PARCEL NO 6085171
VIVIAN WENDLING
SEE TABULATIONS ON SHEET 6



EX US 51
STA 607+78.70, $\phi =$
PR TR 193
STA 13+59.62, 5.52' RT

SET #4 REBAR
NW CORNER
NW 1/4
SEC 36
STA 13+65.54
11.69' RT



SET #4 REBAR
NE CORNER
NW 1/4
SEC 36

NE 1/4 SEC 35, T13 N, R1 E, 3RD PM

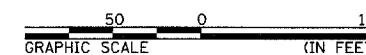
NW 1/4 SEC 36, T13 N, R1 E, 3RD PM

PARCEL NO 6085170
GEORGE M. HILER
PENNY B. HILER
SEE TABULATIONS ON SHEET 5

PARCEL NO 6085169
BRANYAN FARMS, INC
SEE TABULATIONS ON SHEET 5

NOTES:
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COORDINATE SYSTEM, NAD83 1986 - WEST ZONE
SURVEYED IN ENGLISH.

PLAT DISTANCES AND STATIONING ARE IN GRID ENGLISH.
TO CONVERT TO GROUND DIVIDE BY GRID FACTOR.
GRID FACTOR = 1.00003150



RIGHT OF WAY PLANS

ROUTE F.A.P. 322 (US 51)
SECTION 11-1
PROJECT
COUNTY CHRISTIAN
JOB NO. R-96-008-95
STA 10+00 TO STA 25+00
SCALE 1 = 50'

SHEET NO. 22 OF 24