

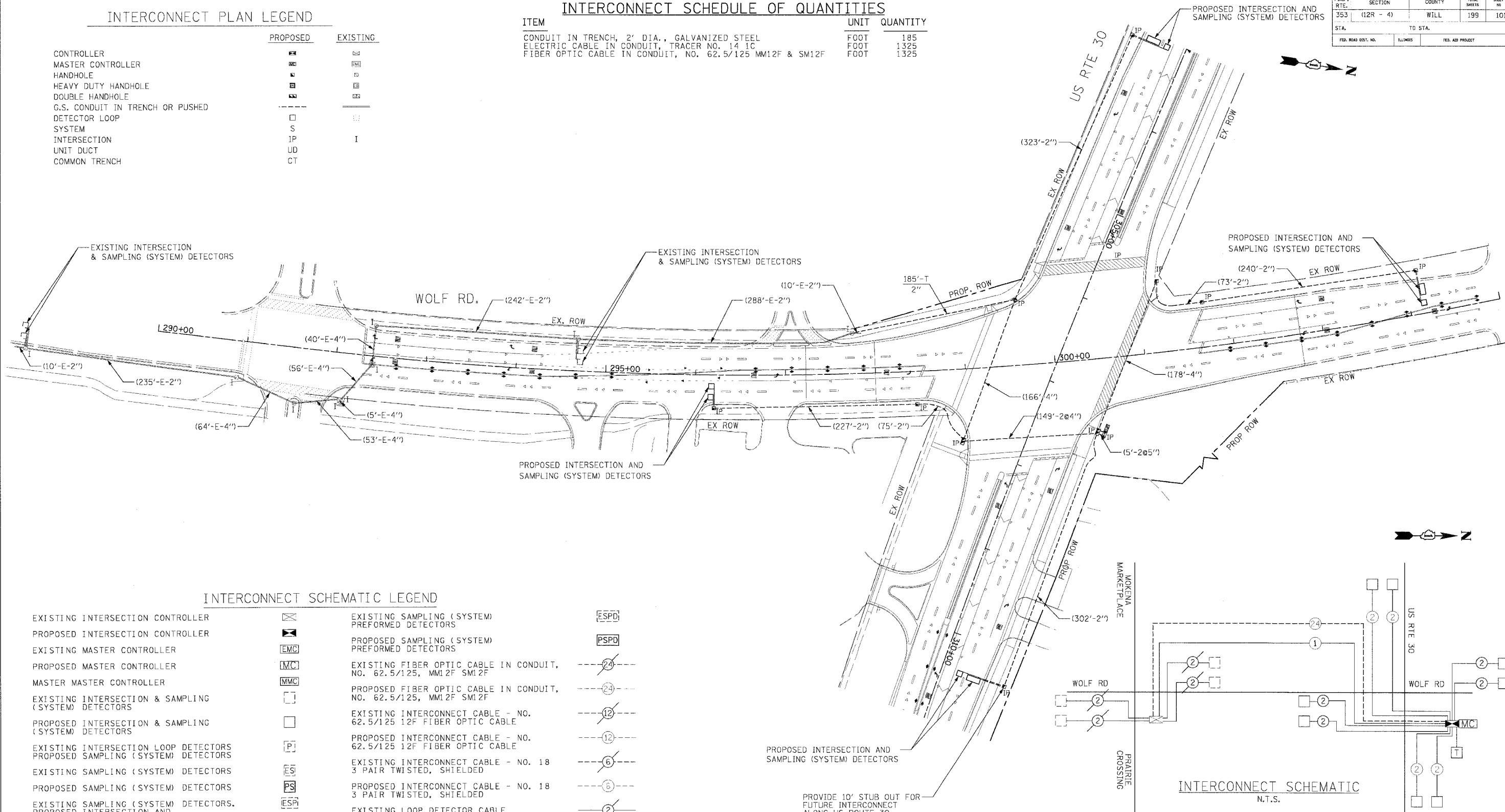
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12R - 4)	WILL	199	101
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER	☒	☒
MASTER CONTROLLER	☒	☒
HANDHOLE	☒	☒
HEAVY DUTY HANDHOLE	☒	☒
DOUBLE HANDHOLE	☒	☒
G.S. CONDUIT IN TRENCH OR PUSHED	---	---
DETECTOR LOOP SYSTEM	□	□
INTERSECTION	S	I
UNIT DUCT	IP	I
COMMON TRENCH	UD	CT

INTERCONNECT SCHEDULE OF QUANTITIES

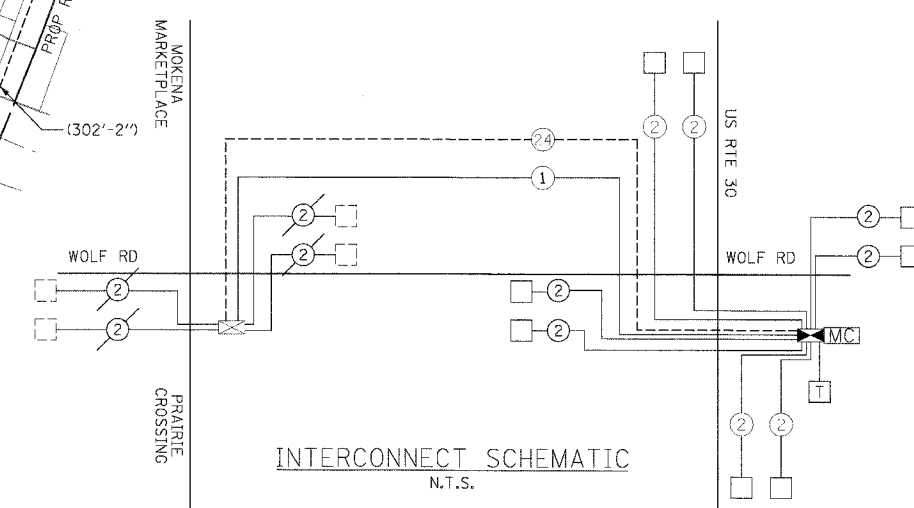
ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	185
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	1325
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F	FOOT	1325



INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER	☒	EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS	ESP
PROPOSED INTERSECTION CONTROLLER	☒	PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS	PSP
EXISTING MASTER CONTROLLER	EMC	EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	24
PROPOSED MASTER CONTROLLER	PMC	PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	24
MASTER MASTER CONTROLLER	MMC	EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	12
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS	□	PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	12
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	□	EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	6
EXISTING INTERSECTION LOOP DETECTORS	PI	PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	6
PROPOSED INTERSECTION LOOP DETECTORS	PI	EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	2
EXISTING SAMPLING (SYSTEM) DETECTORS	ES	PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	2
PROPOSED SAMPLING (SYSTEM) DETECTORS	PS	EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)	1
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.	ESPI	PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	1
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.	ESPS	EXISTING TELEPHONE CONNECTION	T
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	PD	PROPOSED TELEPHONE CONNECTION	T
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	PD		

INTERCONNECT SCHEMATIC N.T.S.



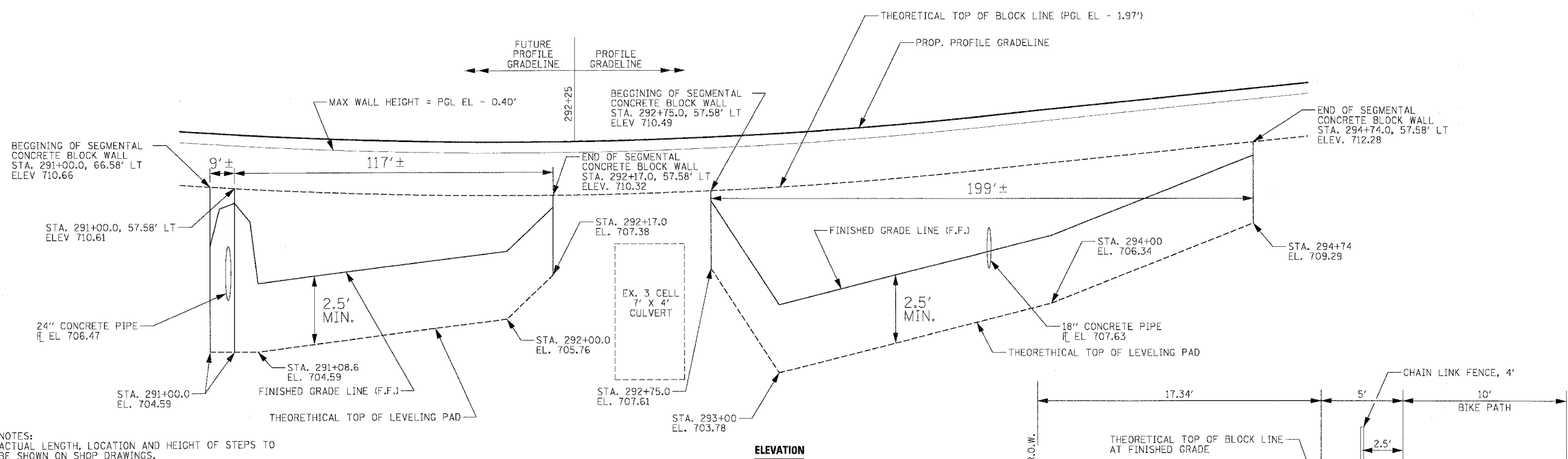
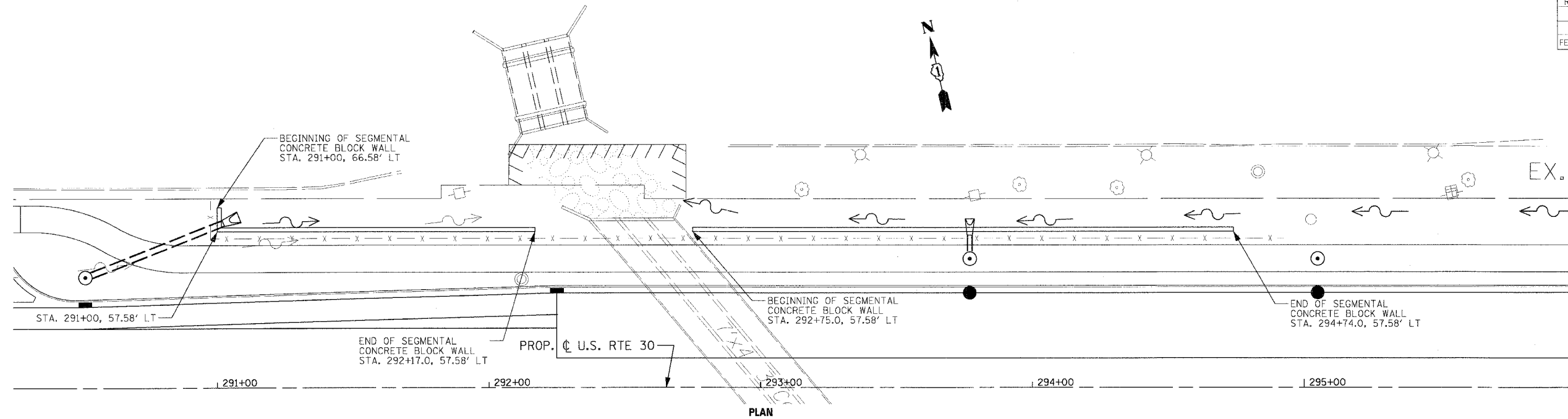
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INTERCONNECT PLAN AND INTERCONNECT SCHEMATIC US RTE. 30 TO MOKENA MARKETPLACE/ PRAIRIE CROSSING
NAME	DATE	
		SCALE : 1" = NTS DATE : 03/21/2008 DRAWN BY : ZH DESIGNED BY : BAE CHECKED BY : GB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	102
STA. 291+00.0		TO STA. 294+74.0		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

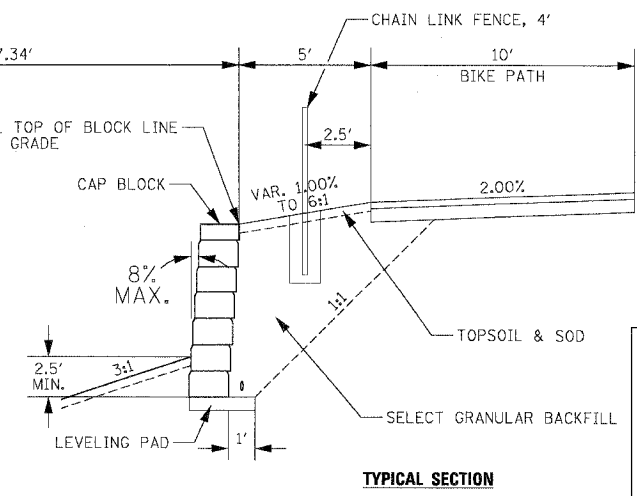
PLAN	DATE	BY
REVISION		
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		

PROFILE	DATE	BY
REVISION		
NO. 1		
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		



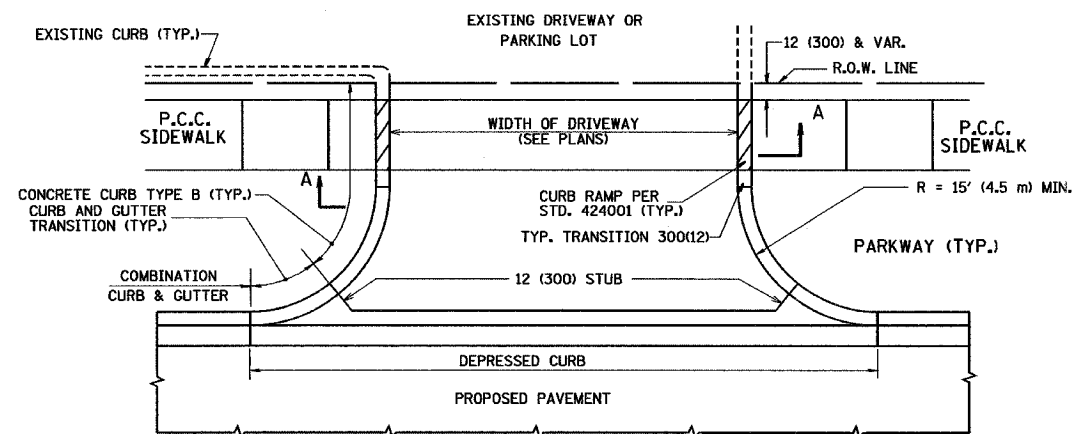
NOTES:
 ACTUAL LENGTH, LOCATION AND HEIGHT OF STEPS TO BE SHOWN ON SHOP DRAWINGS.
 NO STEPS WILL BE ALLOWED BELOW THE THEORETICAL TOP OF BLOCK LINE OR ABOVE THE THEORETICAL TOP OF LEVELING LINE.
 ALL ELEVATIONS ARE GIVEN TO THE FRONT FACE (F.F.) OF THE PROPOSED SEGMENTAL CONCRETE BLOCK WALL.

NOTES:
 SOIL REINFORCING TYPE, LENGTH, LOCATION; Ht, X1, X2 TO BE DETERMINED BY FABRICATOR AND SHOWN IN THE SHOP DRAWINGS. LIMITS OF EXCAVATION AND FILL MAY VARY DEPENDING ON REINFORCING.
 BLOCKS SHALL BE TEXTURED WITH A SPLIT ROCK FACE FINISH.

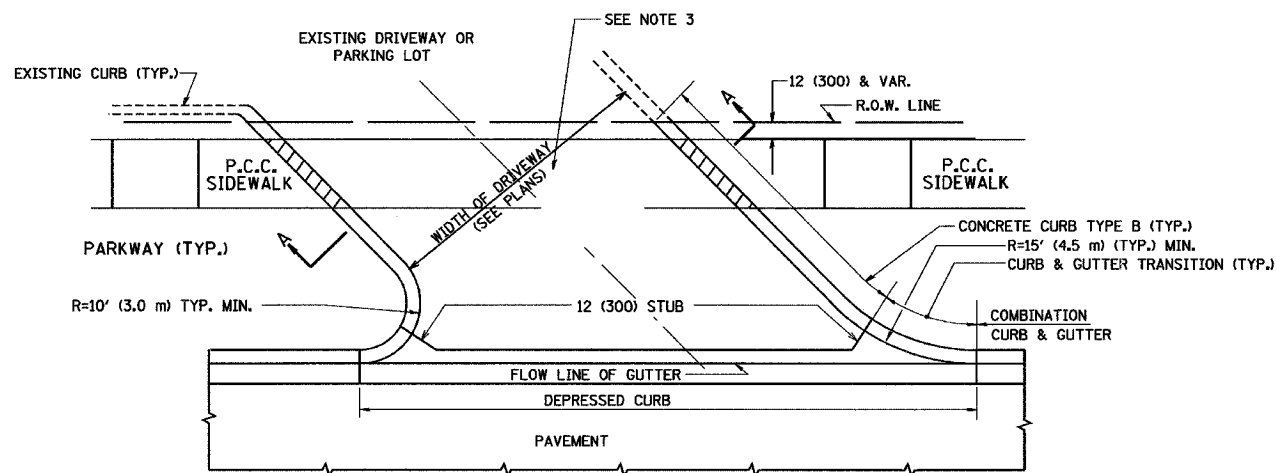


ILLINOIS DEPARTMENT OF TRANSPORTATION
SEGMENTAL CONCRETE BLOCK WALL
 U.S. RTE. 30 (LINCOLN HIGHWAY)
 STA. 291+00.0 TO STA. 294+74.0
 SCALE : 1" = NTS
 DATE : 03/21/08
 DRAWN BY : MS
 CHECKED BY : GB

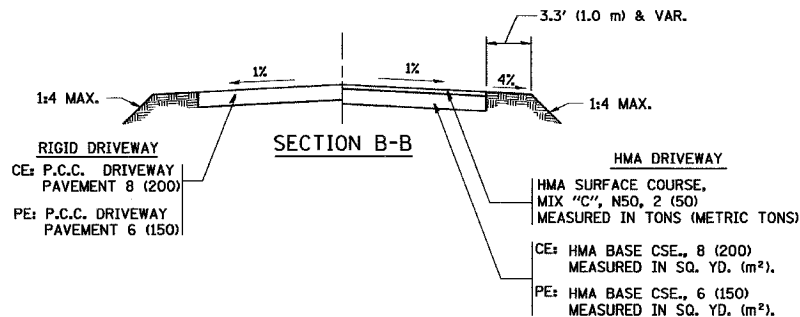
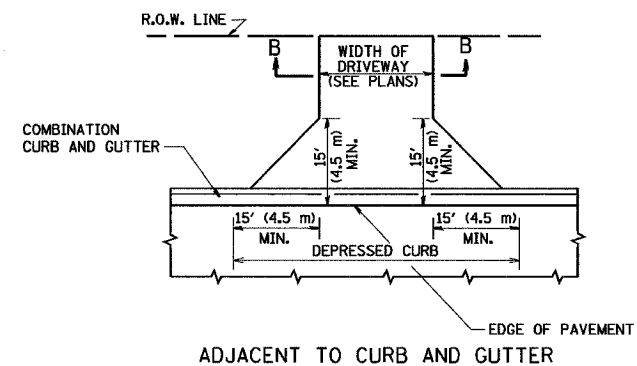
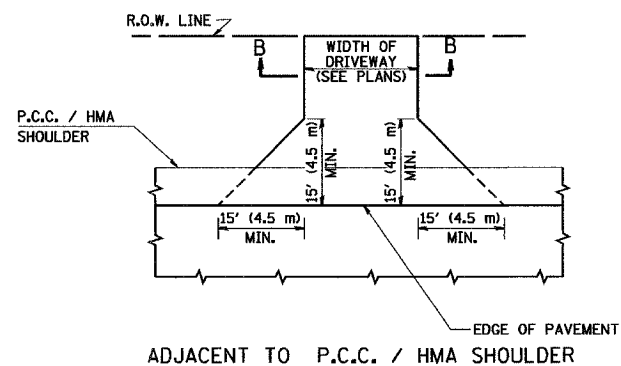
F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	103
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

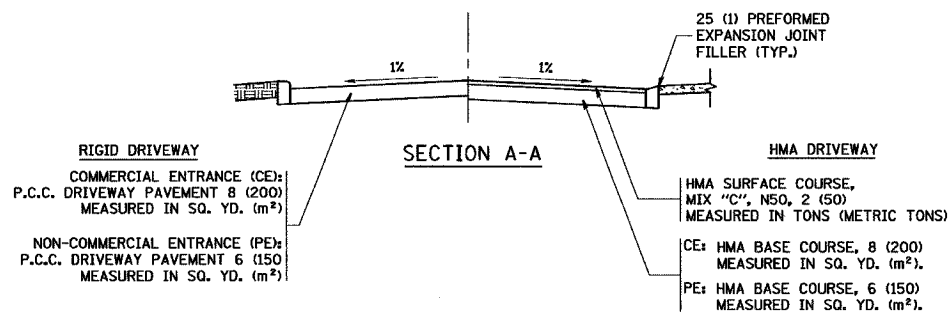
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

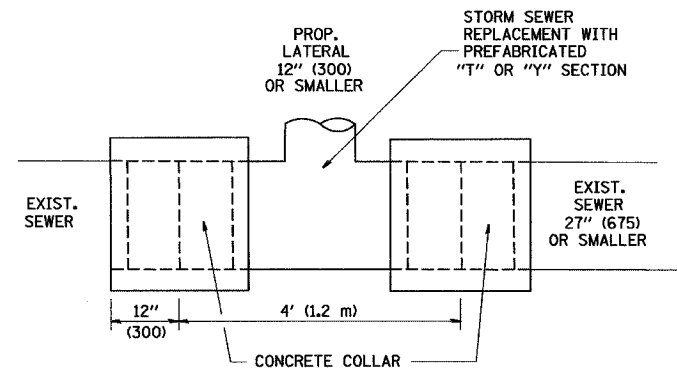
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



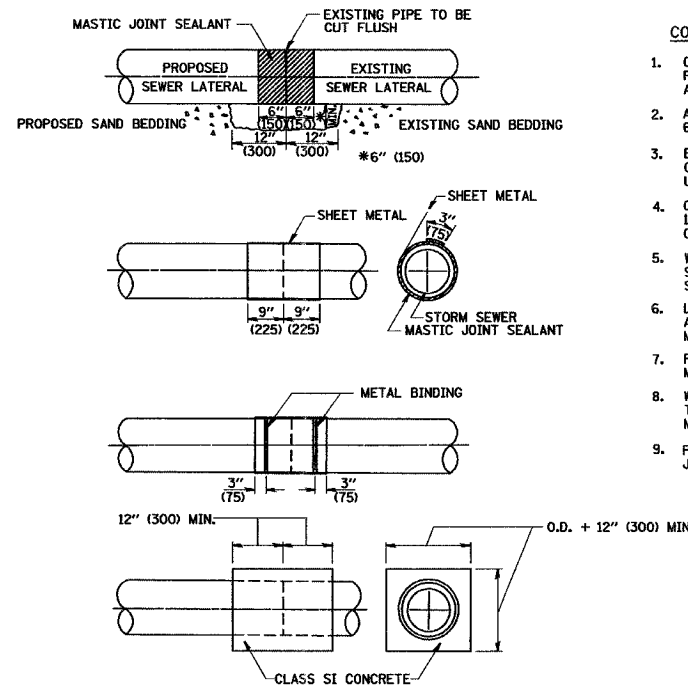
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	DRIVEWAY DETAILS	
R. SHAH	11-04-95	DISTANCE BETWEEN R.O.W. AND	
J. POLLASTRINI	08-12-96	FACE OF CURB & EDGE OF	
J. POLLASTRINI	12-14-96	SHOULDER >= 15' (4.5 m)	
A. ABBAS	03-21-97	SCALE: VERT. NONE	DRAWN BY
T. HOLTZ	04-08-97	HORIZ.	CHECKED BY
M. GOMEZ	04-06-01		
P. LOFLEUR	04-15-03		
R. BORO	01-01-07		

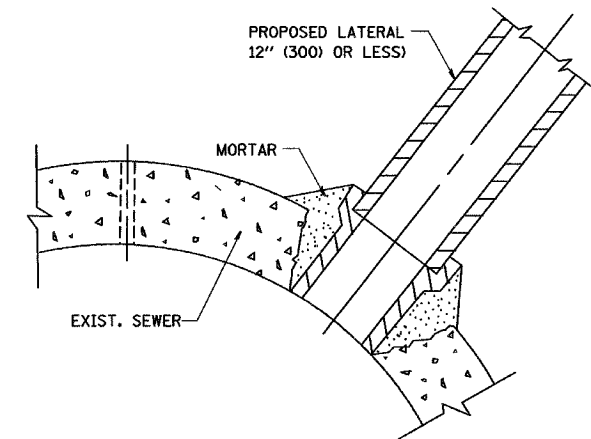
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	104
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 27'' (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30'' (750) OR LARGER

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

- PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27'' (675) OR SMALLER SEE DETAIL "A" AND "B".
- PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30'' (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

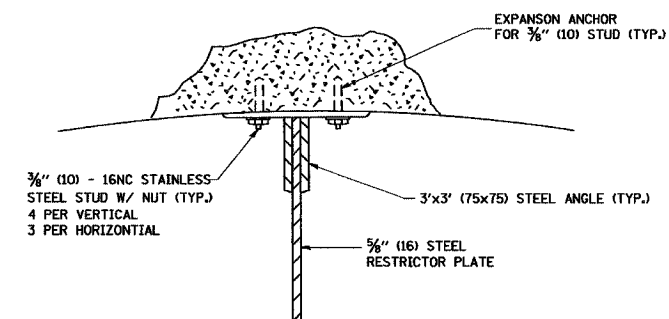
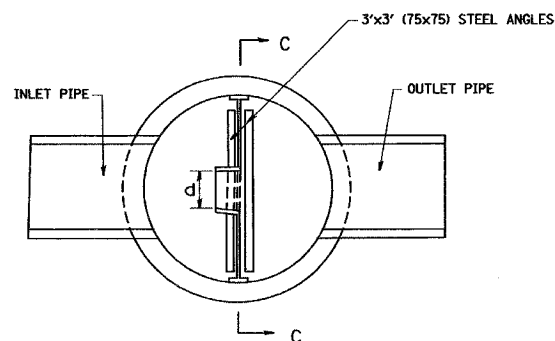
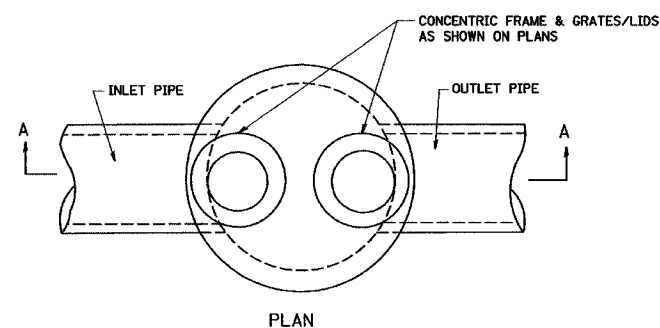
ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

SCALE: VERT. NONE
HORIZ. NONE

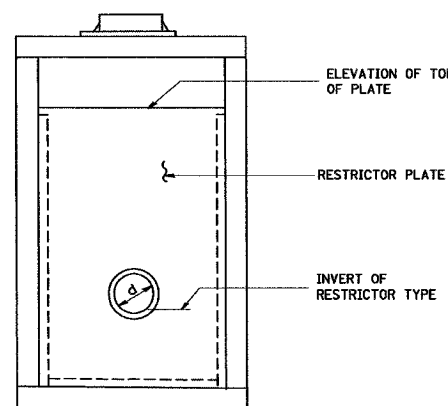
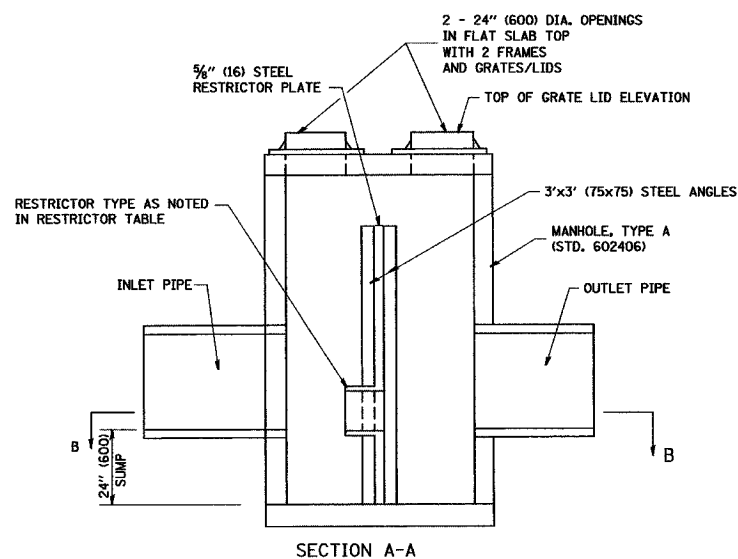
DRAWN BY
CHECKED BY

BD500-01 (BD-7)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	105
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



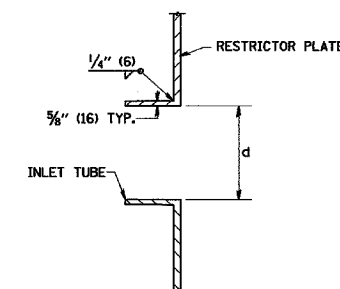
ANGLE FASTENER DETAIL



SECTION C-C

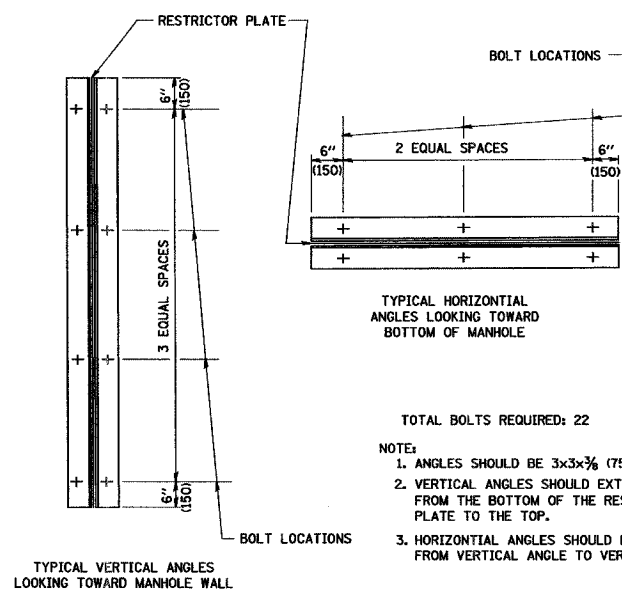
NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER In. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
307+60	6 FT	(2) T1-CL	3	9.00"	716.38	722.00
307+22.7	6 FT	(2) T1-CL	3	9.35"	719.17	724.05
318+61.7	6 FT	(2) T1-OL	3	34.00"	708.77	715.05



- TOTAL BOLTS REQUIRED: 22
- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
 2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=52	C=61	C=61	C=73	C=82	C=98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94
E. GOMEZ	08/28/00
M. GOMEZ	01/08/01

ILLINOIS DEPARTMENT OF TRANSPORTATION

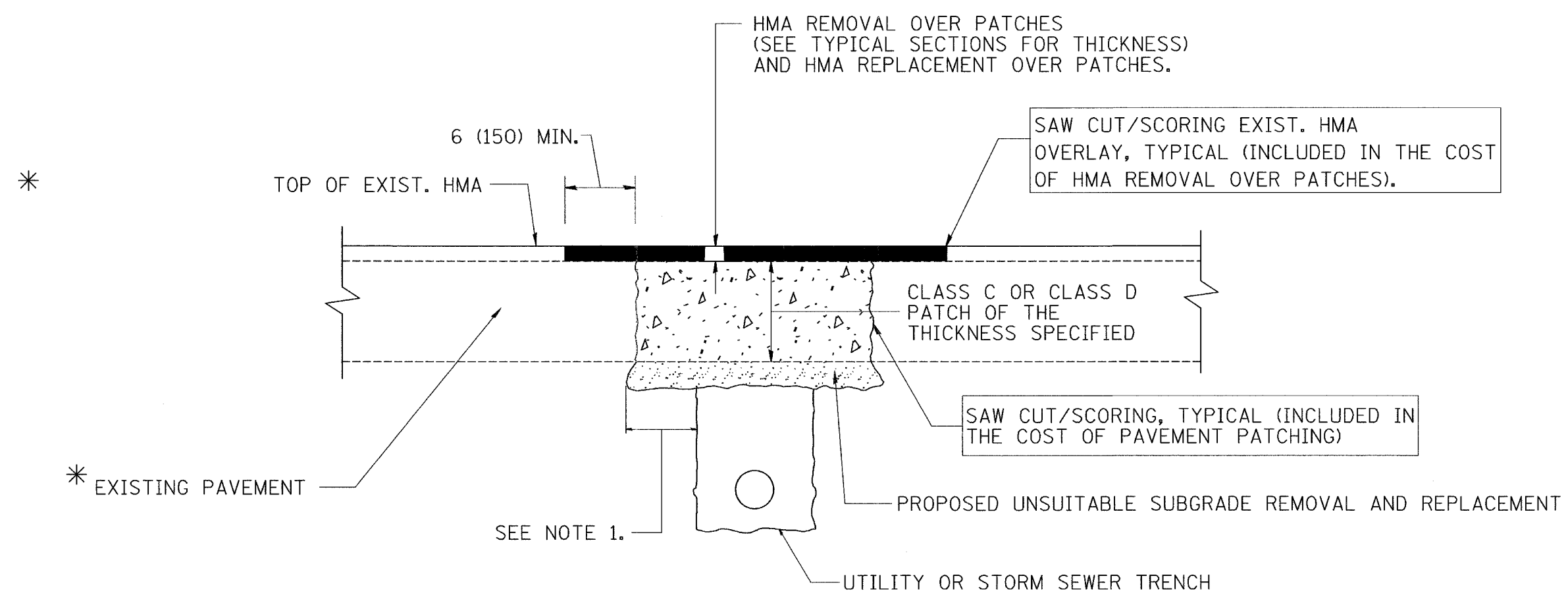
MANHOLE WITH RESTRICTOR PLATE

SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

BD600-04 (BD-12)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	106
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07
R. BORO	09/04/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

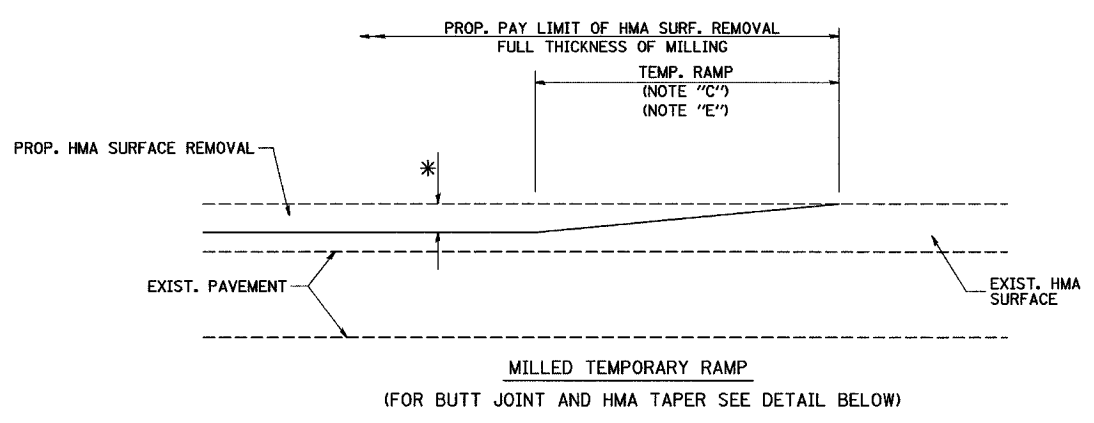
PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: VERT. NONE
HORIZ.

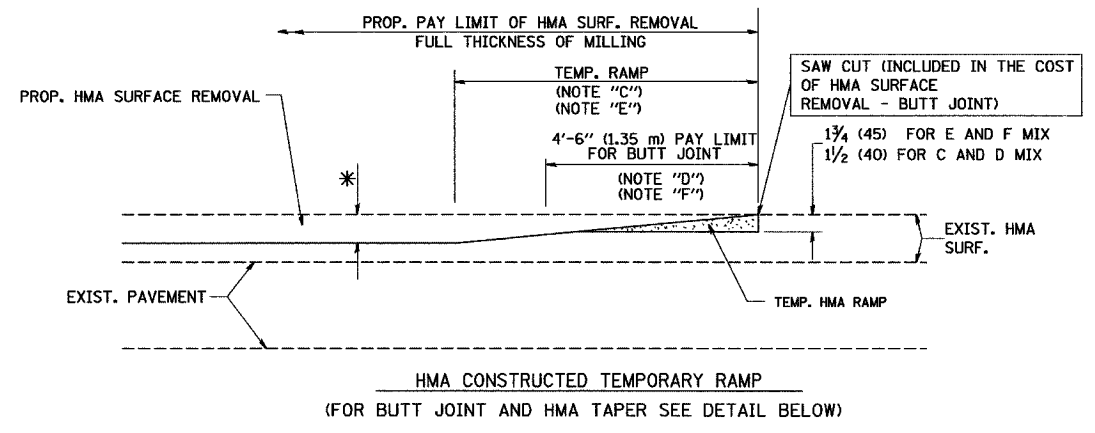
DRAWN BY
CHECKED BY
BD400-04 (BD-22)

PLOT DATE = 04/20/07
 PLOT SCALE = 0.0000 / IN.
 USER NAME = baurnd.

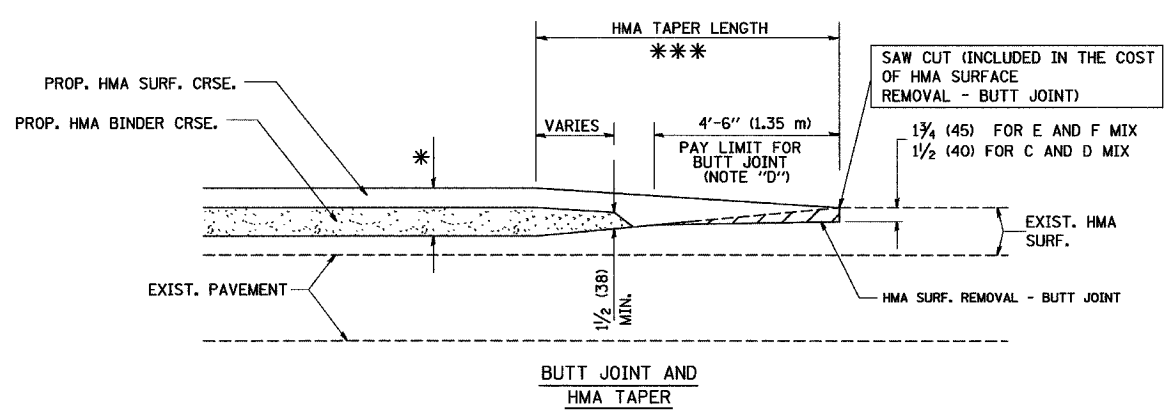
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	107
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



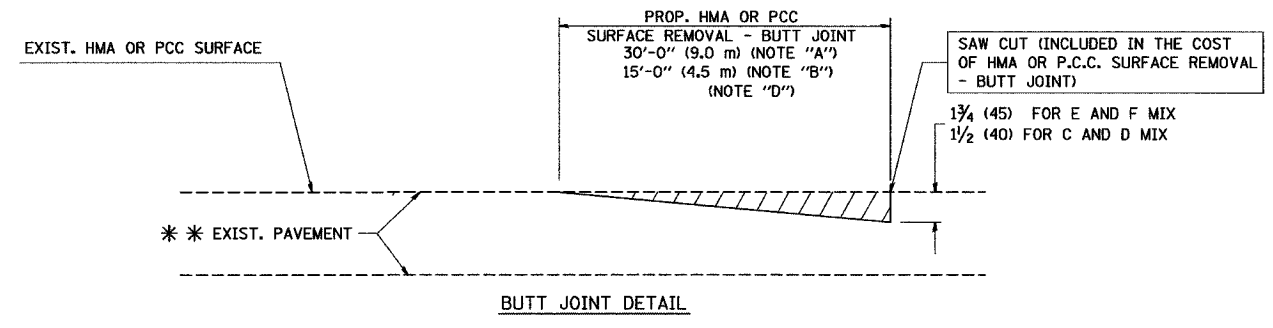
OPTION 1



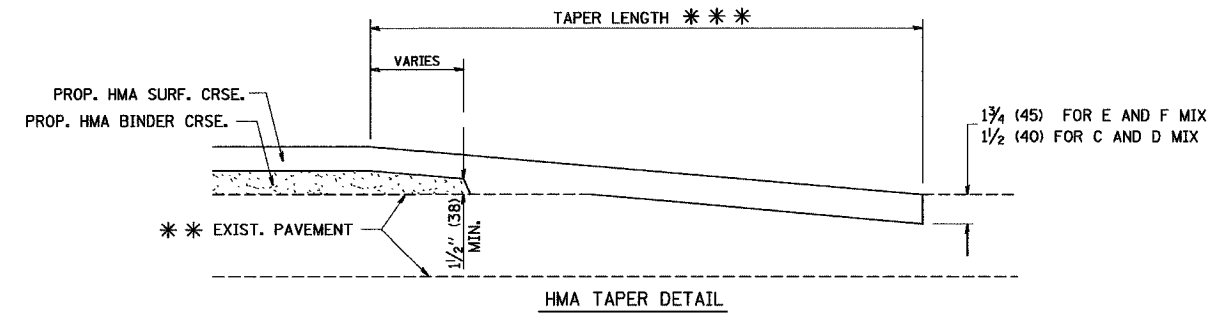
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORD	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER
DETAILS

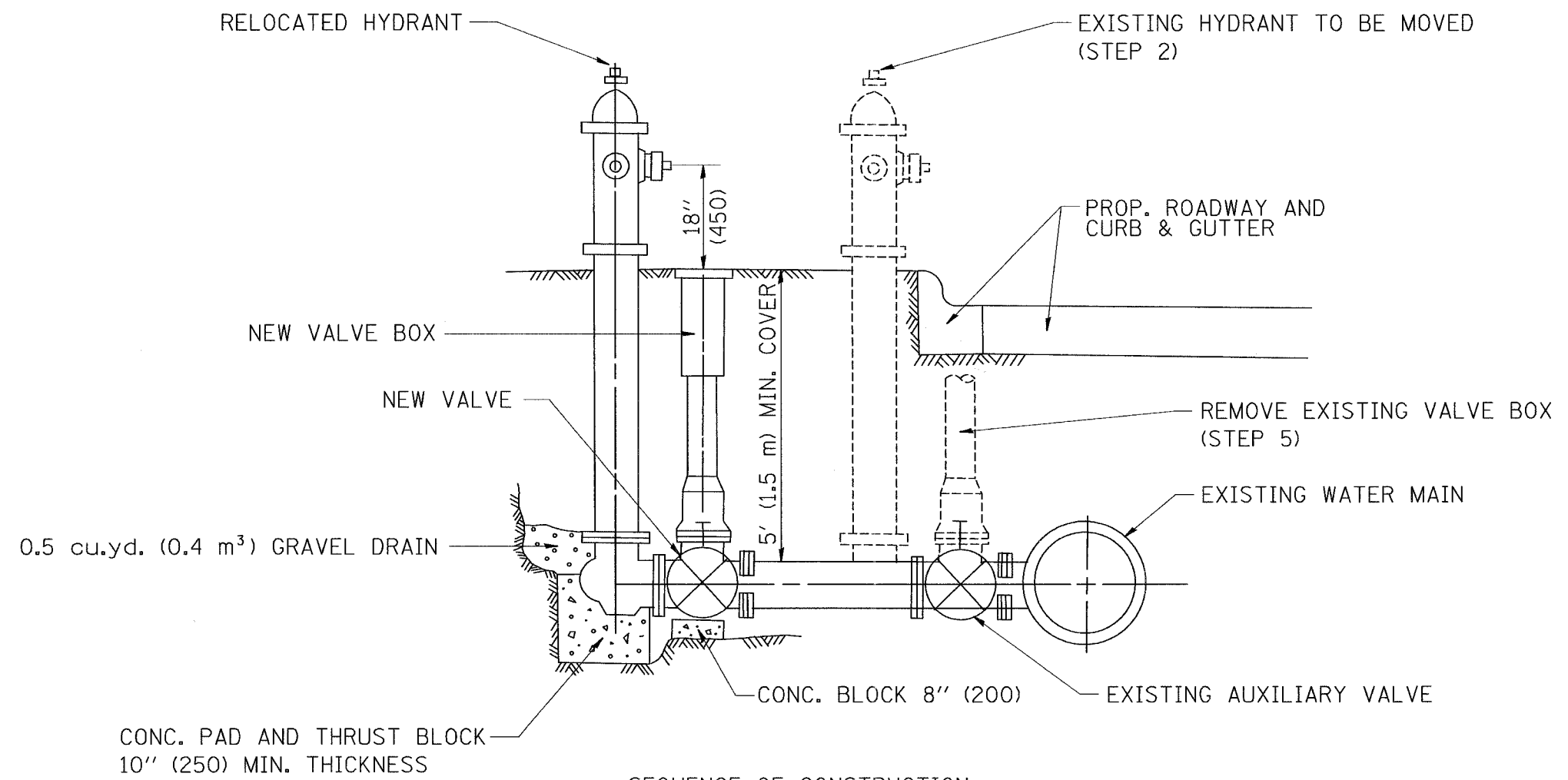
SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

BD400-05 (VI-BD32)

PLOT DATE = 05/28/07
 PLOT SCALE = 50.0000 / IN.
 USER NAME = bauer-d

CONTRACT NO. 60C25				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	108
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- SEQUENCE OF CONSTRUCTION:
1. CLOSE EXISTING VALVE.
 2. REMOVE EXISTING HYDRANT.
 3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
 4. RELOCATE EXISTING HYDRANT.
 5. OPEN EXISTING VALVE, REMOVE BOX.
 6. BACKFILL.
 7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94

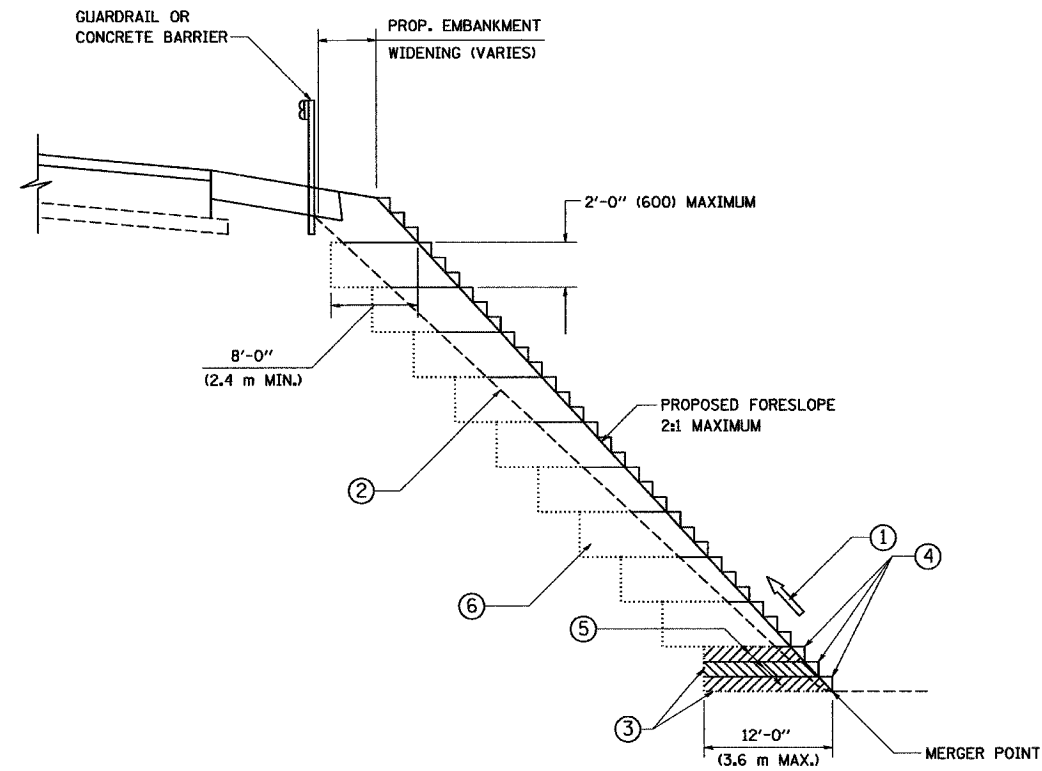
ILLINOIS DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED

SCALE: VERT. NONE
HORIZ. DRAWN BY
CHECKED BY

PLOT DATE = 2/6/2007
 FILE NAME = M:\Users\jg38888\p038888.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = jg38888

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	109
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL BENCHING DETAIL
FOR EMBANKMENT

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE
	06/16/04

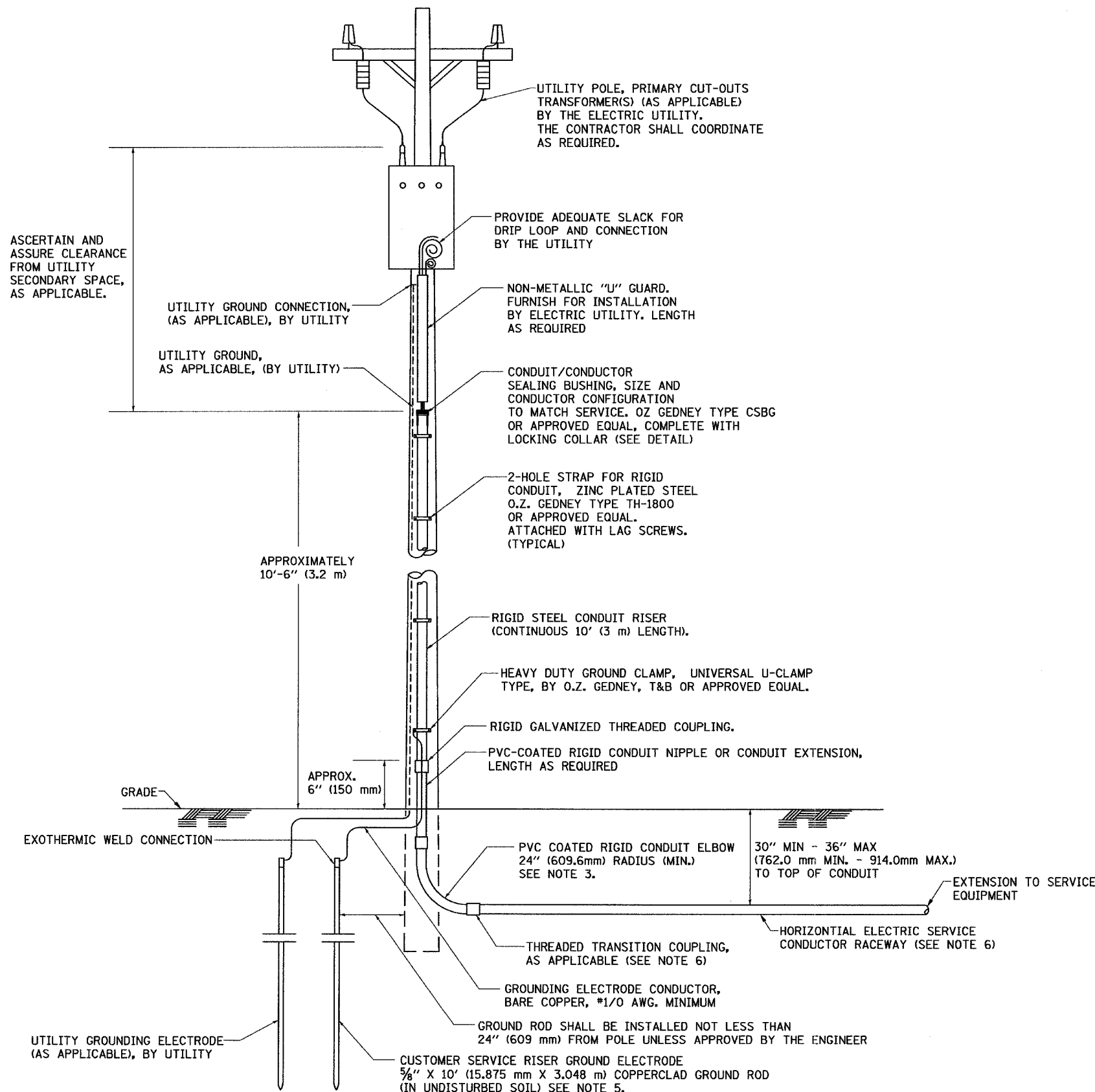
ILLINOIS DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL
FOR EMBANKMENT
WIDENING

SCALE: VERT. NONE
HORIZ.

DRAWN BY: CADD
CHECKED BY: S.E.B.
BD-51

CONTRACT NO. 60C25				
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	110
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

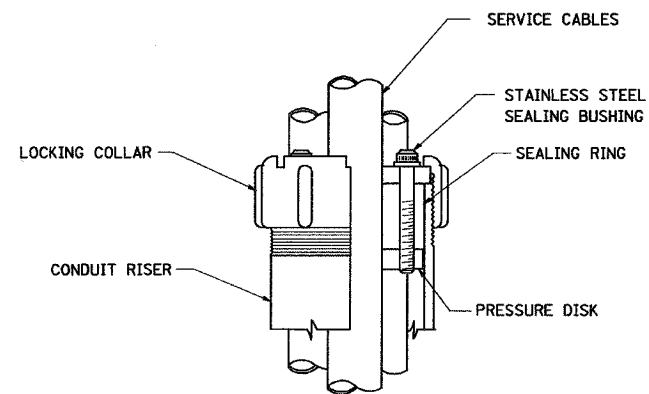


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL

BE-220

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

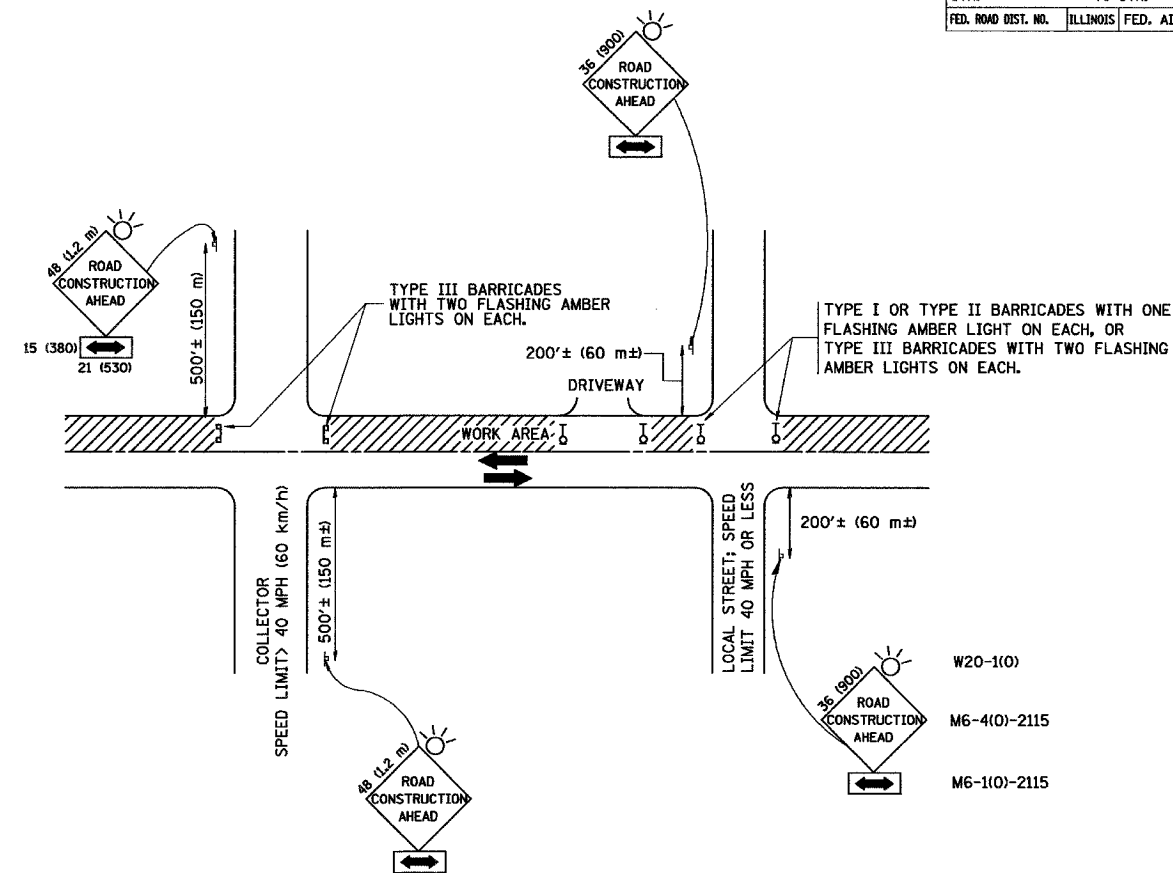
**ELECTRIC SERVICE INSTALLATION
AERIAL, REMOTE DISCONNECT
BE - 220**

SCALE: NONE
DATE: 1/9/2007

DRAWN BY
CHECKED BY MEA

PLOT DATE = 1/9/2007
FILE NAME = c:\projects\classroom\be220.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = utrochid

F.A. #1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	111
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

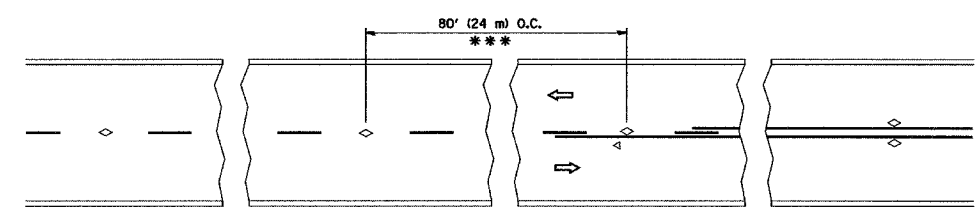
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION
FOR
SIDE ROADS, INTERSECTIONS, AND
DRIVEWAYS

SCALE: NONE

DRAWN BY
CHECKED BY

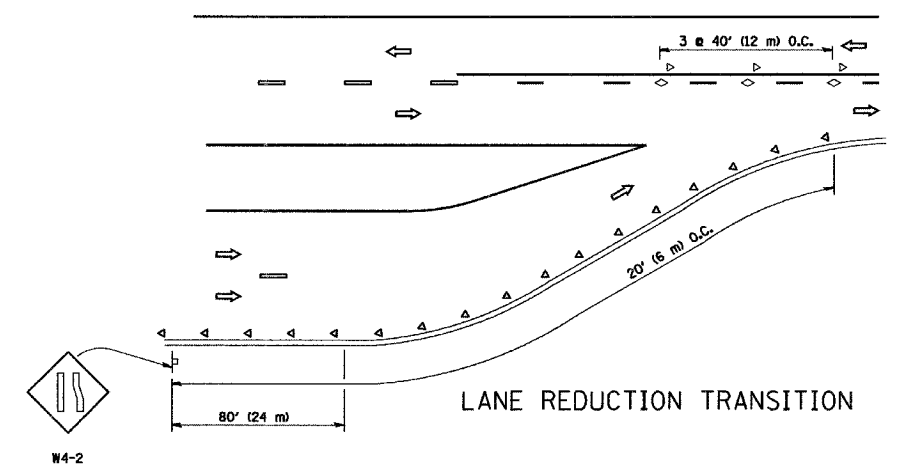
TC-10

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

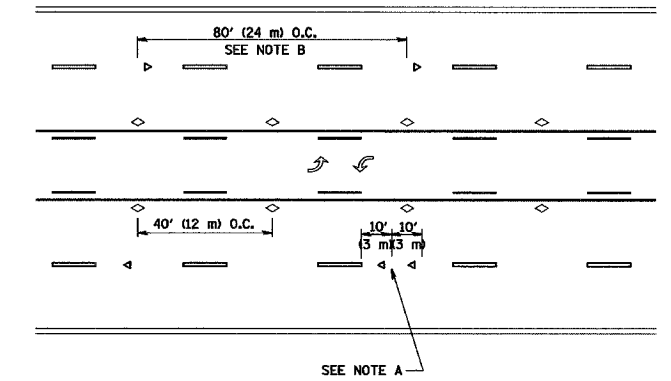


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

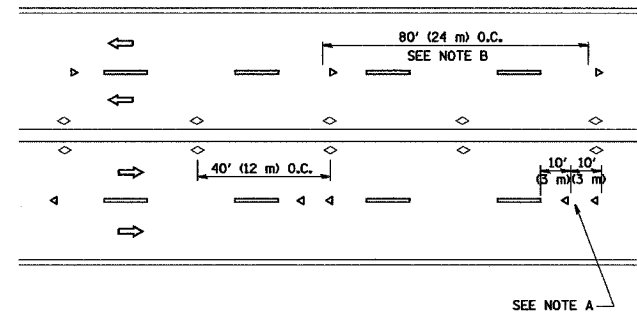
TWO-LANE/TWO-WAY



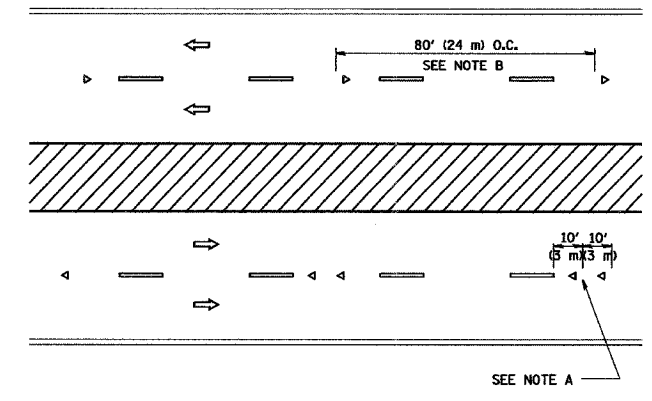
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

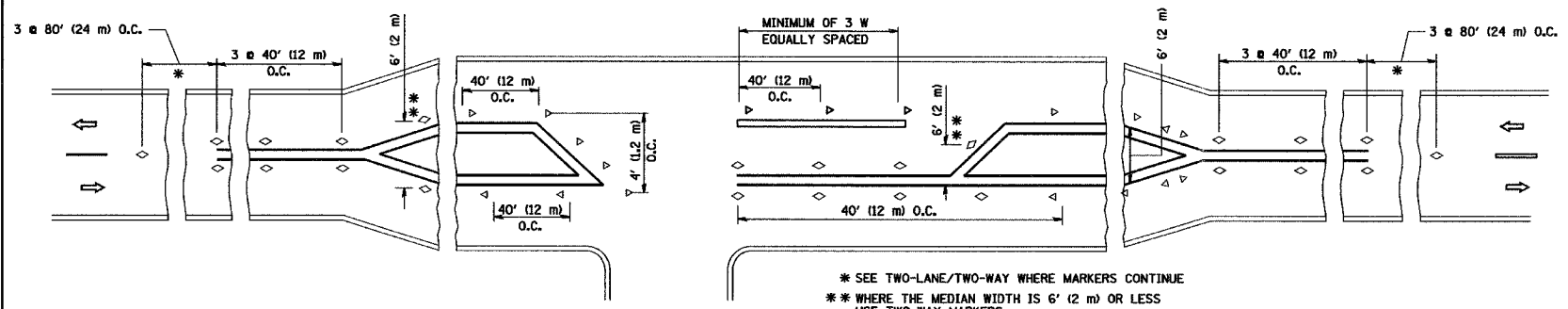
- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/D)
- ◊ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

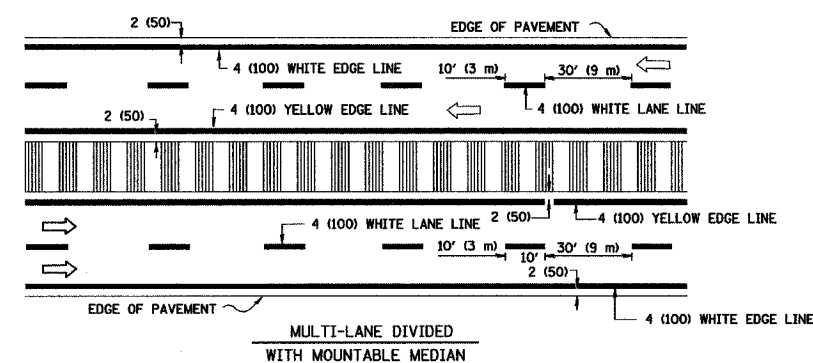
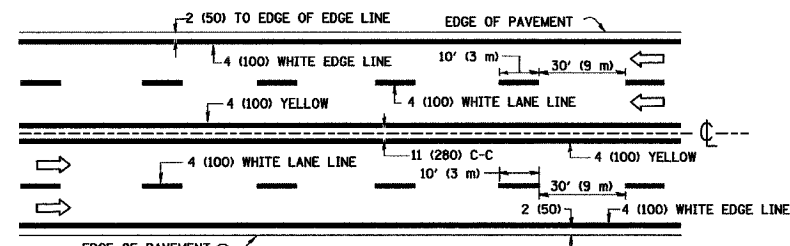
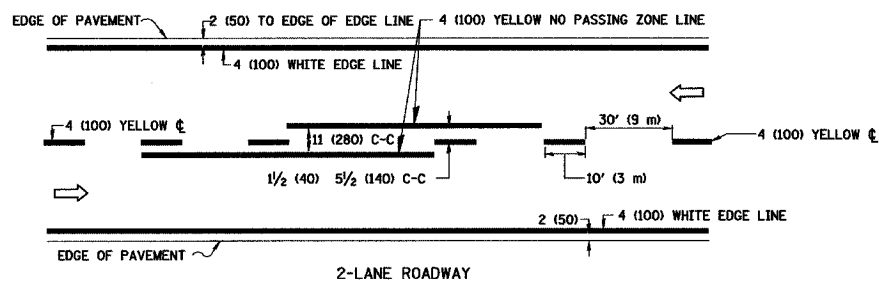
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT
 MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE

DRAWN BY CADD
 CHECKED BY
 TC-11

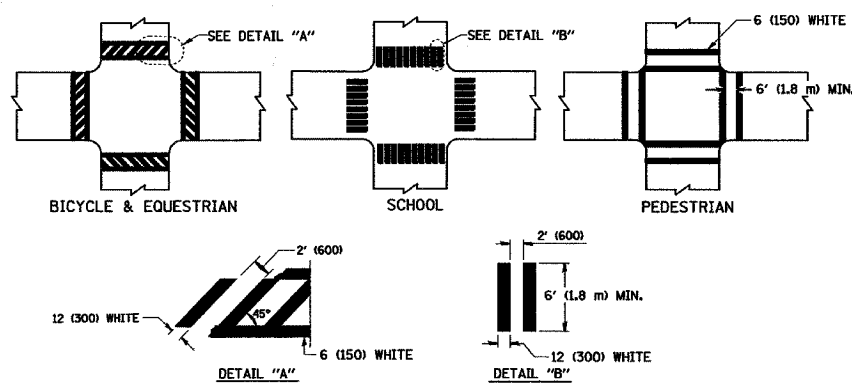
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 USER NAME = bauercl

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	113
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

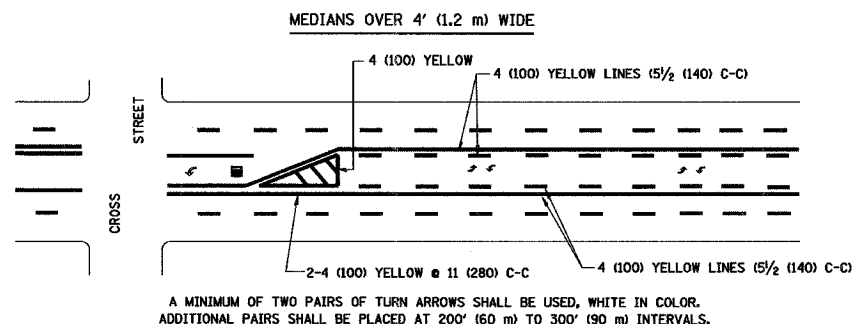
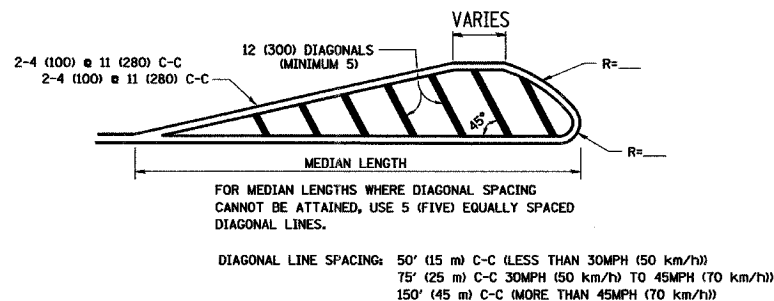
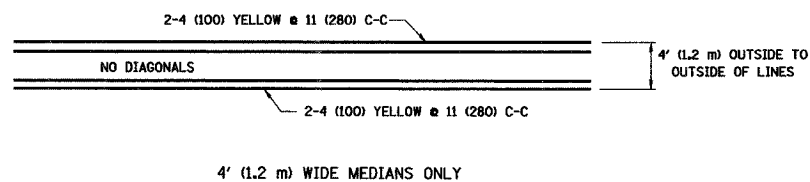


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

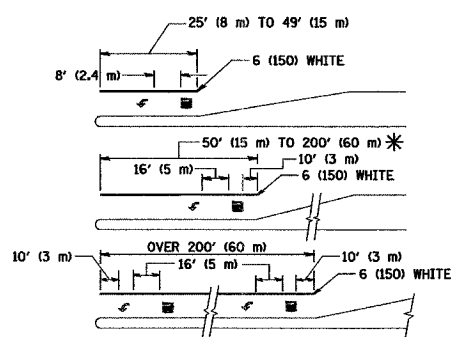
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



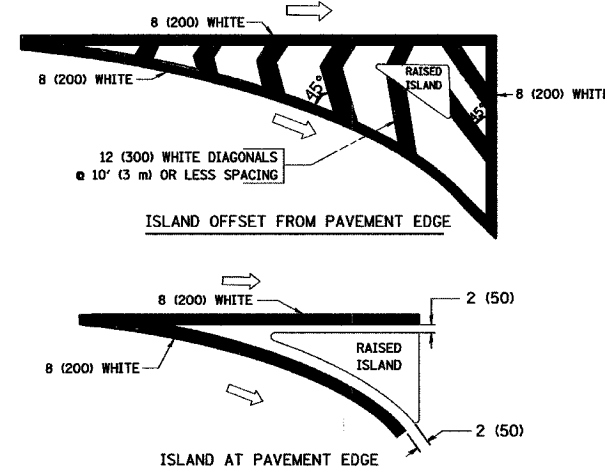
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

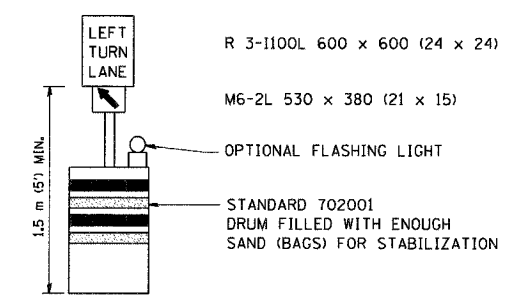
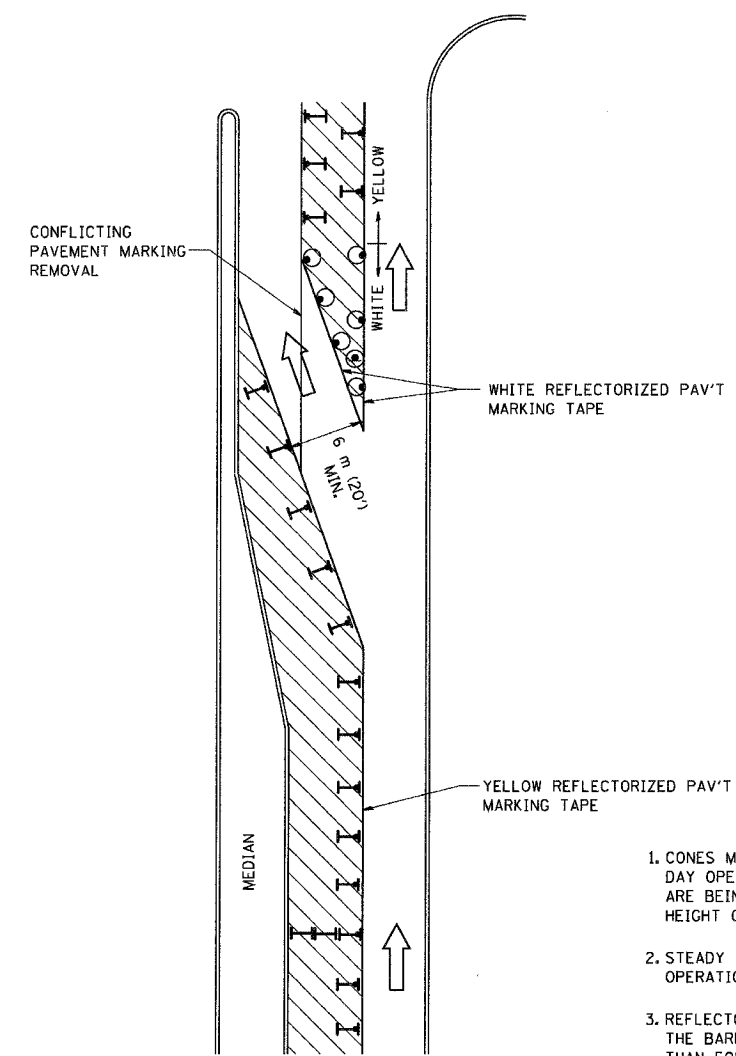
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS

SCALE: NONE
 DRAWN BY CADD
 CHECKED BY

PLOT DATE = 3/20/2007
 PLOT SCALE = 0.5000
 PLOT USER = baward
 USER NAME = baward

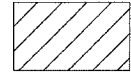





F.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	113A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 1.5 m (5').
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 x 600 (24 x 24) AND M6-2R 530 x 380 (21 x 15) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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

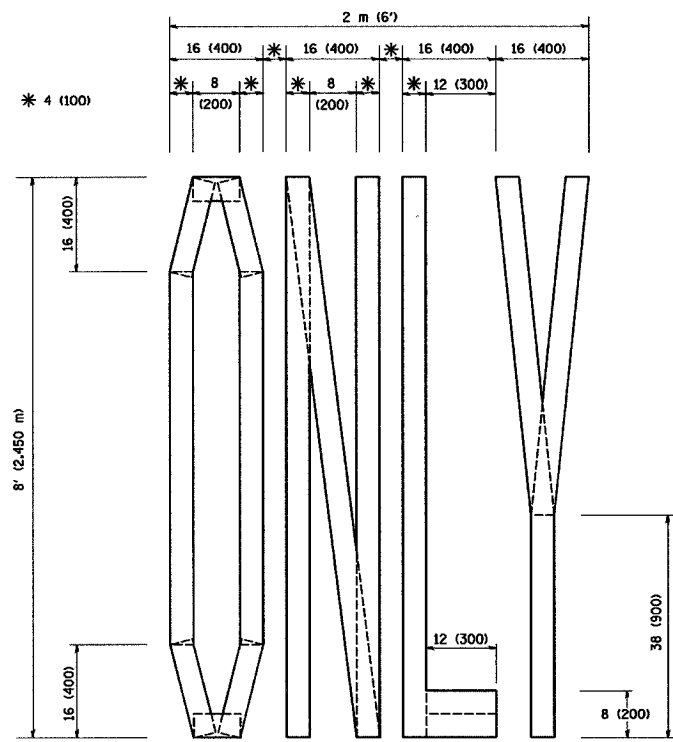
REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

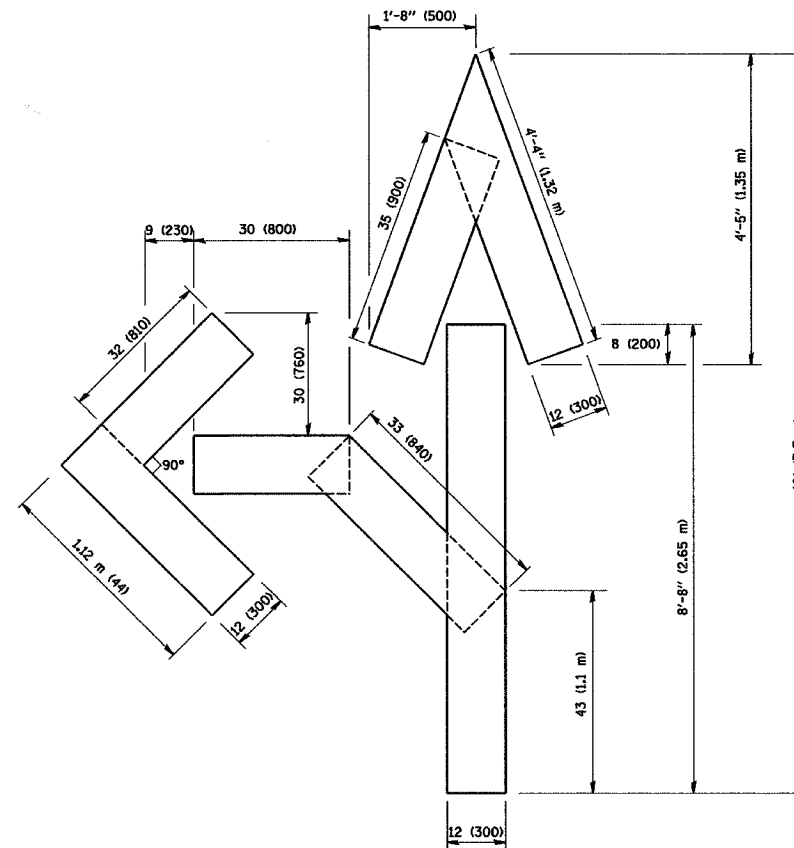
SCALE: NONE
 DATE: 2/15/2006
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 CHECKED BY: LHA

PLOT DATE: 2/19/2006
 FILE NAME: \\adesso\lha\p14.dgn
 USER: lha
 USER NAME: gpljaneb

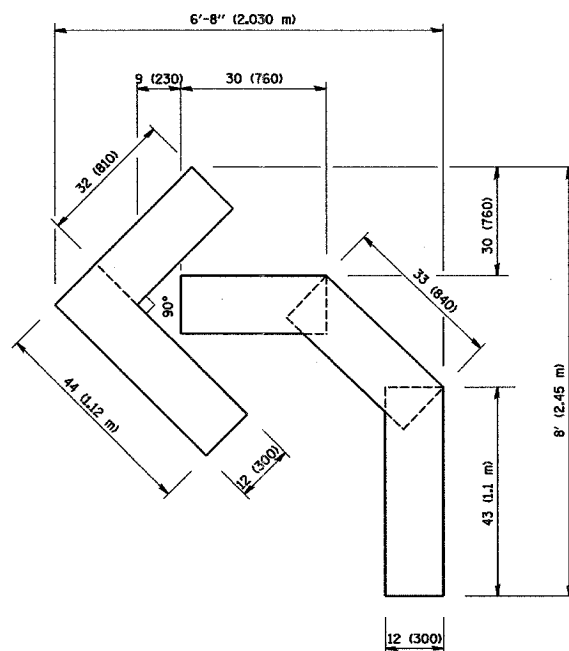
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	114
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

SCALE: NONE




DRAWN BY CADD

CHECKED BY






TC-16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		






ROUTE MARKERS

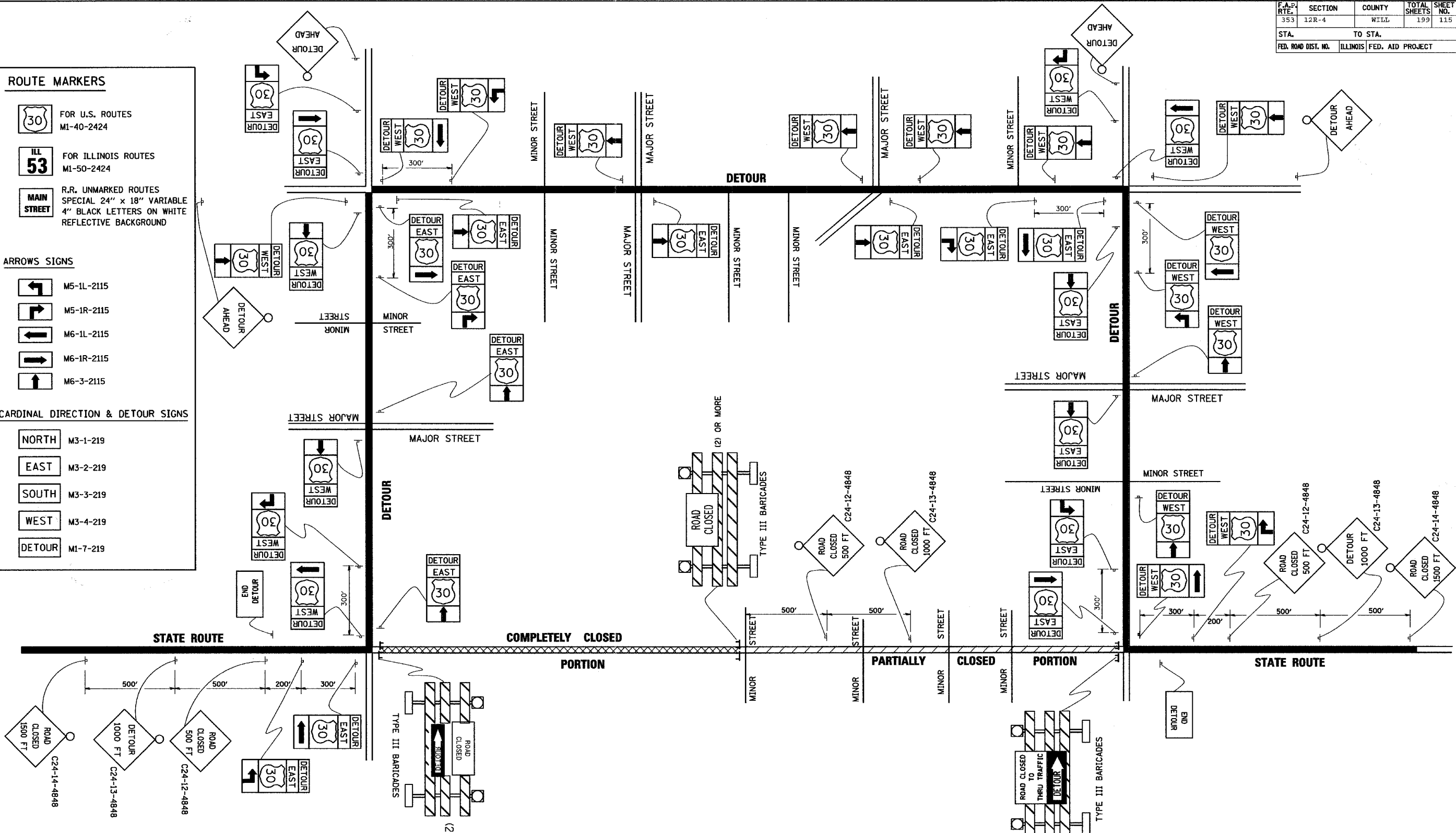
-  FOR U.S. ROUTES
M1-40-2424
-  FOR ILLINOIS ROUTES
M1-50-2424
-  R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

-  M5-1L-2115
-  M5-1R-2115
-  M6-1L-2115
-  M6-1R-2115
-  M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

-  NORTH M3-1-219
-  EAST M3-2-219
-  SOUTH M3-3-219
-  WEST M3-4-219
-  DETOUR M1-7-219



REVISIONS	
NAME	DATE
	10/18/02

ILLINOIS DEPARTMENT OF TRANSPORTATION

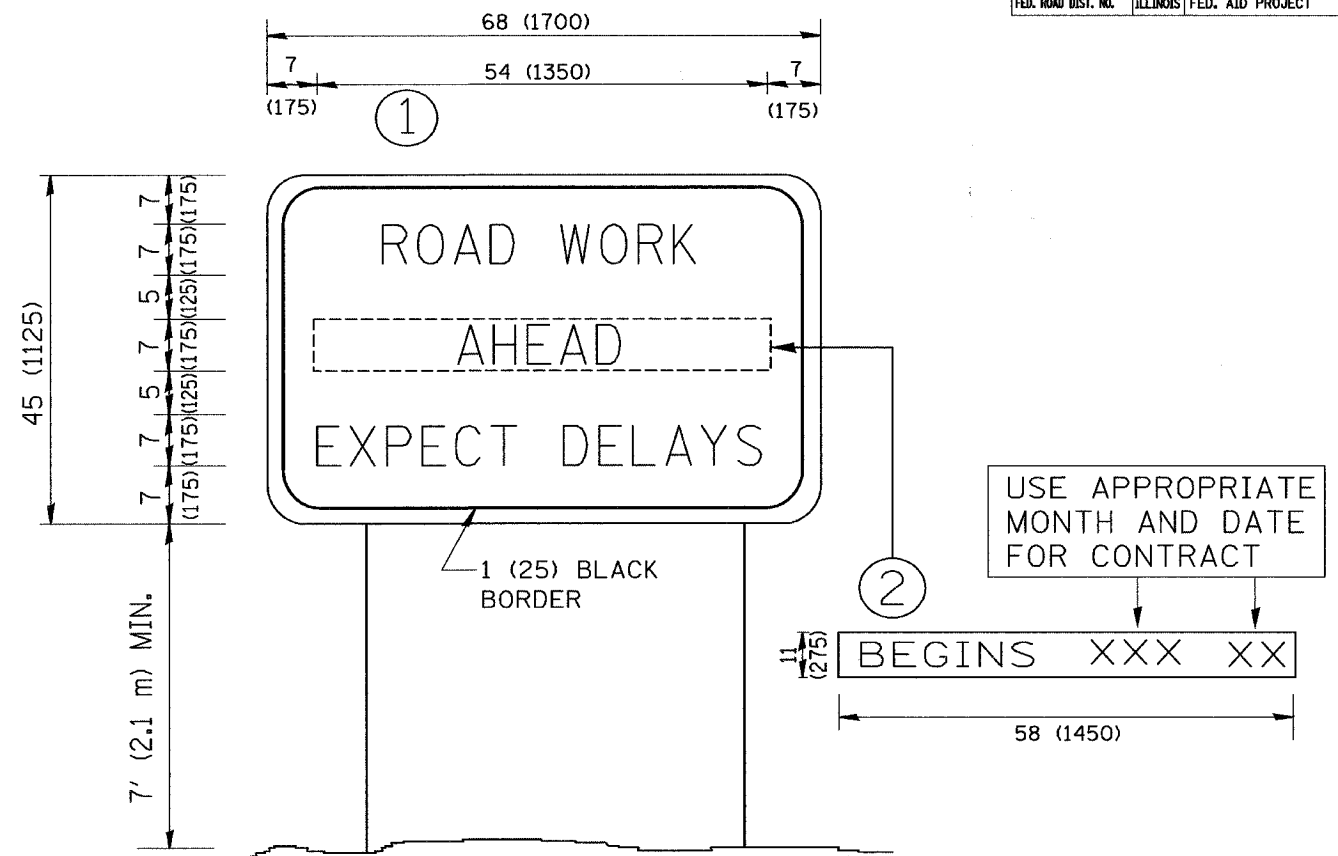
TYPICAL MARKING FOR CLOSING STATE HIGHWAYS

SCALE: NONE

DRAWN BY
CHECKED BY
TC-21

DATE: 9/7/2007
 FILE NAME: 10/18/02
 PLOT SCALE: 80/8000
 USER NAME: broun-d

CONTRACT NO. 60C25				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	116
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

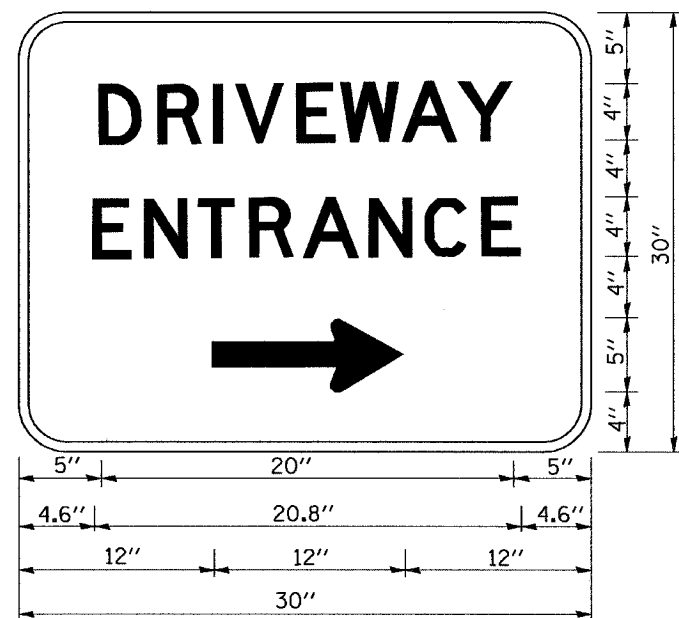
REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

ILLINOIS DEPARTMENT OF TRANSPORTATION
ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE
DRAWN BY DESIGN
CHECKED BY
TC22

DATE = 01/20/07
NAME = KA
PLOT SCALE = 0A000 / IN.
USER NAME = bauer-d

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

PLOT DATE = 02/28/07
 FILE NAME = 022807\117\022807.dgn
 PLOT SCALE = 0.1000 / IN.
 USER NAME = bauer-d

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
C. JUCIUS	02/15/07	DRIVEWAY ENTRANCE SIGNING

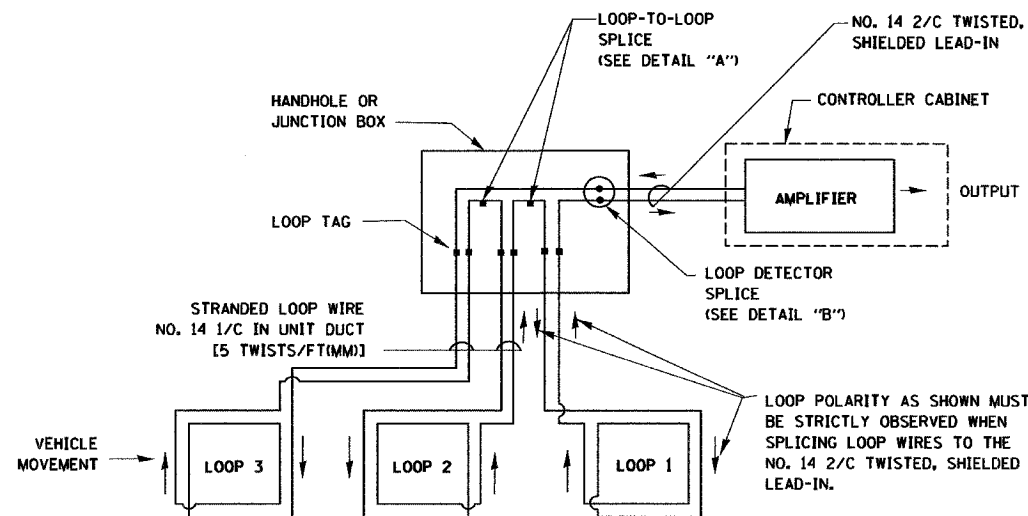
SCALE: NONE
 DATE

DRAWN BY R.H.
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	119
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOOP DETECTOR NOTES

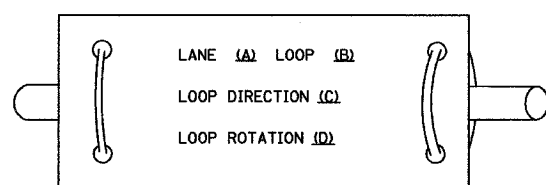
- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PERFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



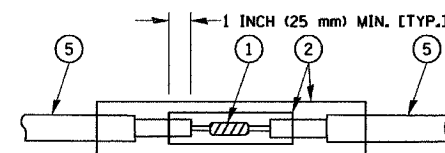
DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

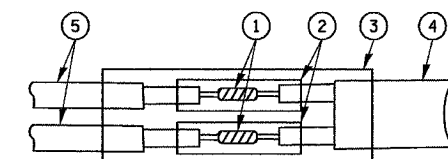
LOOP LEAD-IN CABLE TAG



- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

REVISIONS	
NAME	DATE
CADD	5/30/00
ADD NOTE NO. 8	11/12/01
BUREAU OF TRAFFIC	1-01-02

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS**

SCALE: NONE

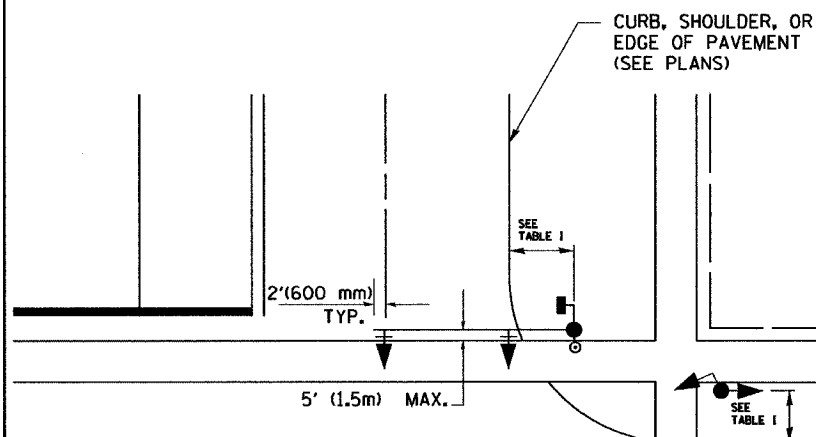
DRAWN BY: RWP
DESIGNED BY: DAD
CHECKED BY: DAZ
SHEET 1 OF 4

TS05

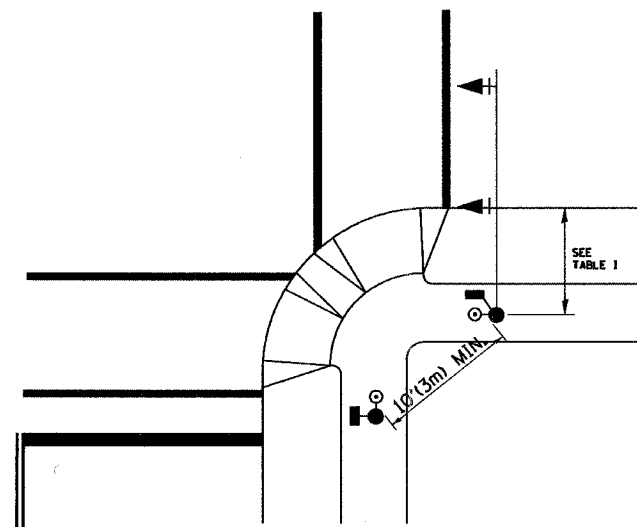
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL	199	120
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA, INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.
 AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.
 PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

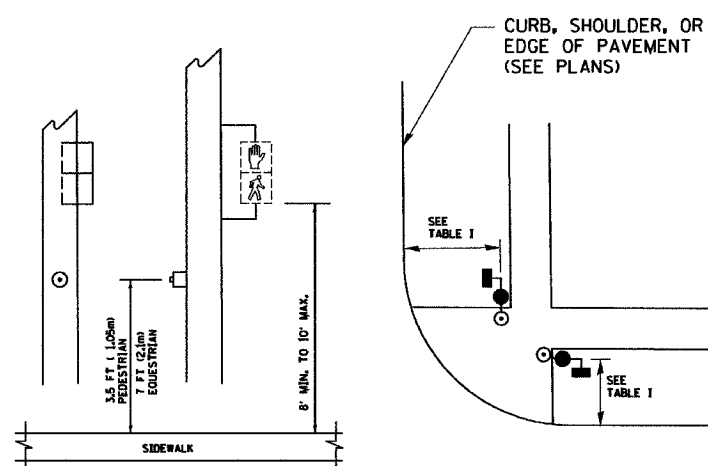


TABLE I

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

REVISIONS	
NAME	DATE
BUREAU OF TRAFFIC	1/01/02

ILLINOIS DEPARTMENT OF TRANSPORTATION

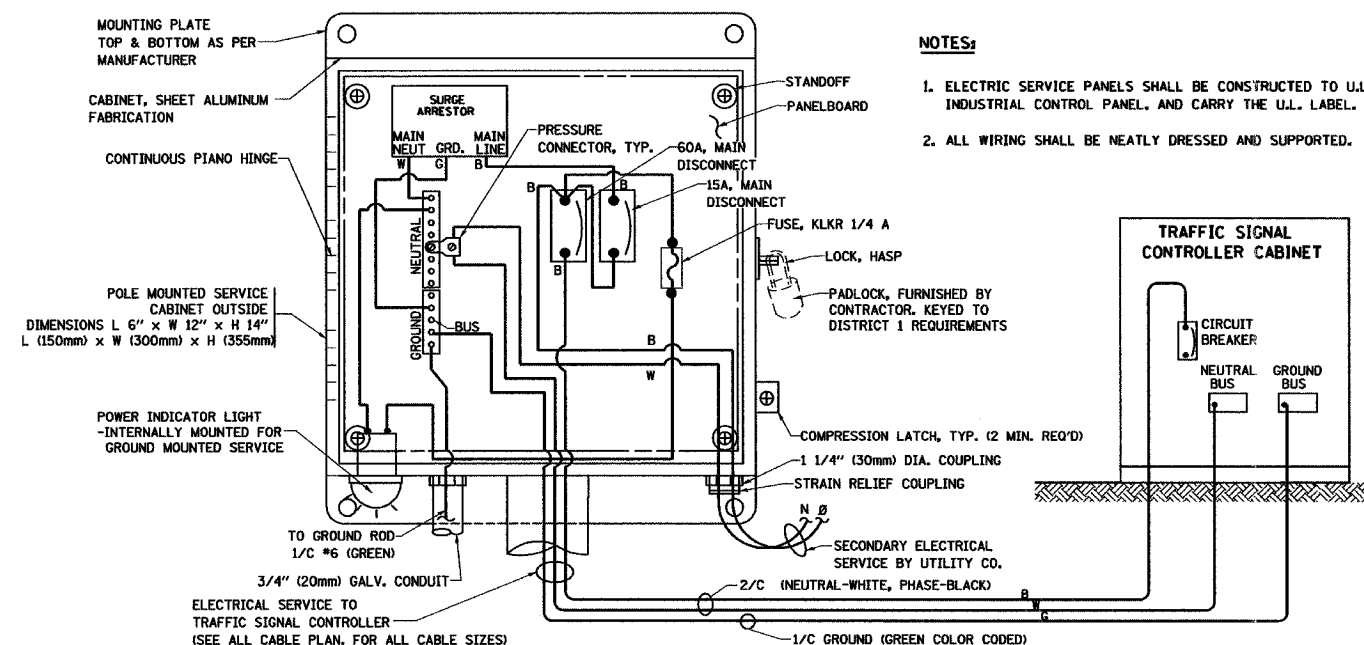
DISTRICT 1
STANDARD TRAFFIC SIGNAL
DESIGN DETAILS

SCALE: NONE

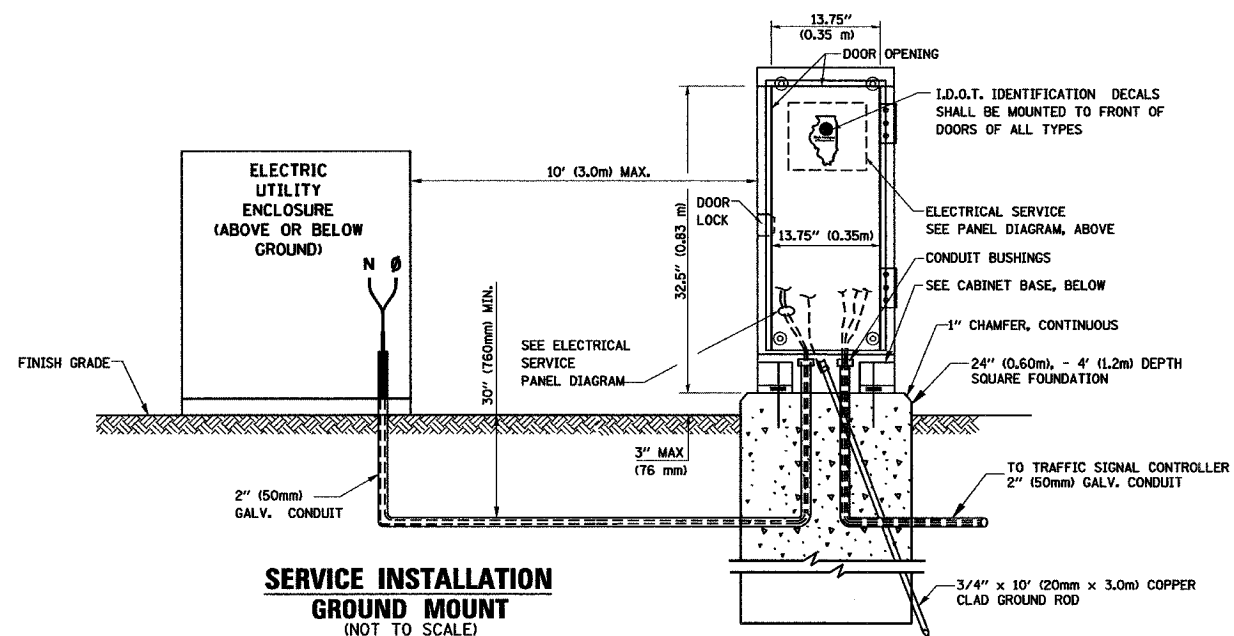
DRAWN BY: RWP
DESIGNED BY: DAD
CHECKED BY: DAZ
SHEET 2 OF 4

TS05

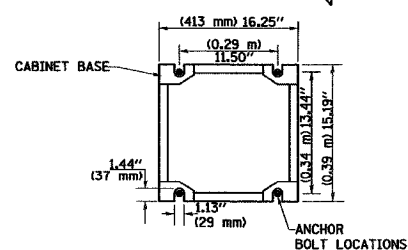
F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R-4	WILL.	199	121
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



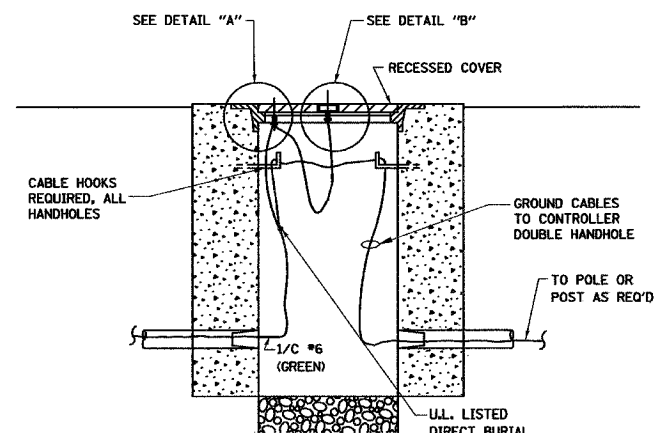
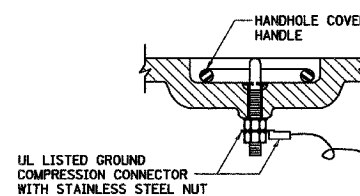
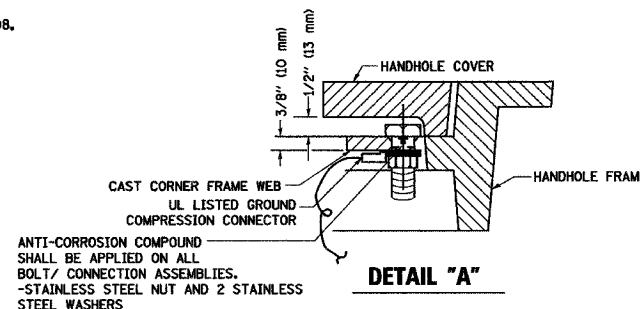
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



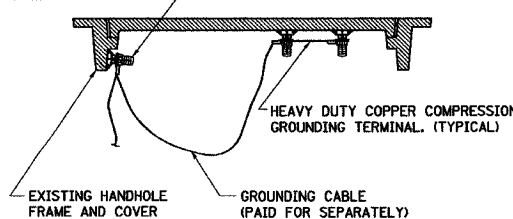
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)



CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



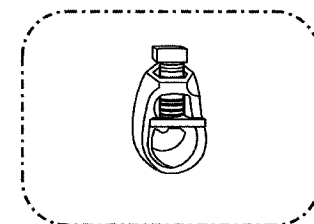
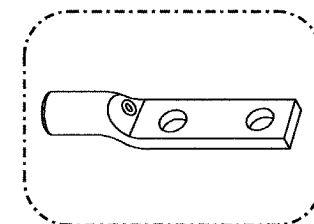
(2) 1/2" x 1 1/4" STAINLESS STEEL BOLT WITH SPLIT LOCK WASHER AND NYLON INSERT LOCKOUT WELDED TO FRAME AND TO COVER. (TYPICAL)



EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

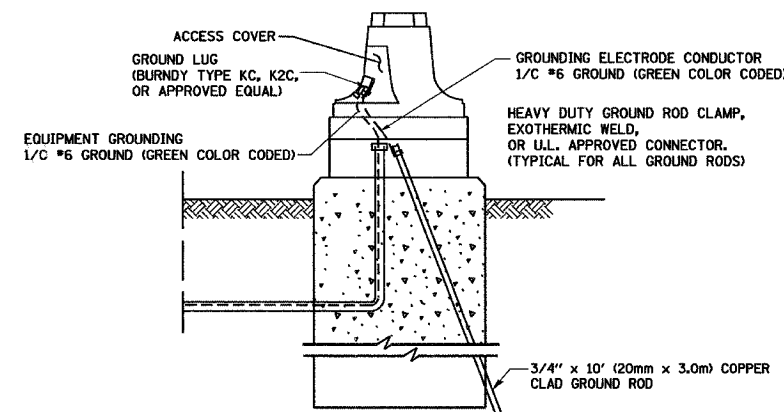
NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



MAST ARM POLE / POST-GROUNDING DETAIL
 (NOT TO SCALE)

REVISIONS	
NAME	DATE
CADD	5/30/00
CADD	3/15/01
BUREAU OF TRAFFIC	1/01/02

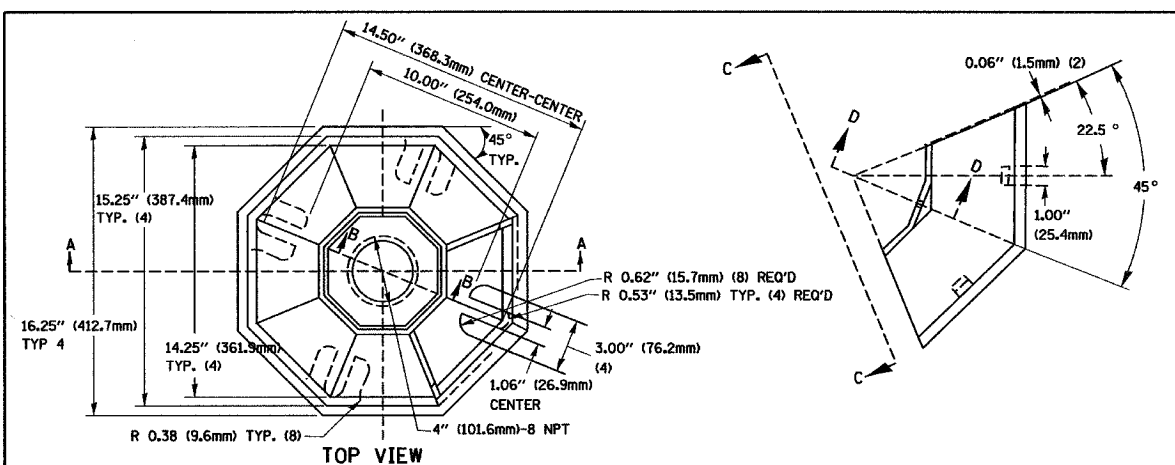
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

SCALE: NONE

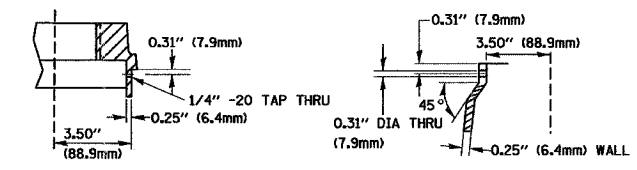
DRAWN BY: RWP
 DESIGNED BY: DAZ
 CHECKED BY: DAZ
 SHEET 3 OF 4

DATE: 2/7/2007
 FILE NAME: K:\Projects\ts05.dgn
 PLOT SCALE: 50.00000 / 1.00
 USER NAME: bward

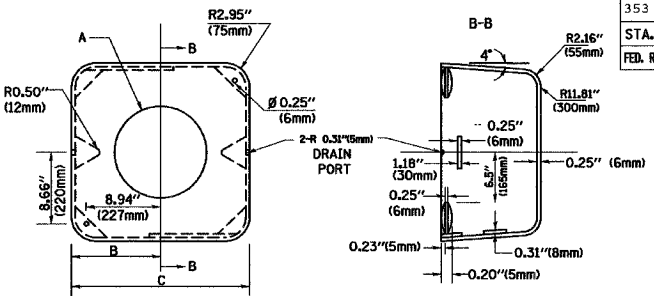
F.A.P. RTE.	SECTION	COUNTY	WILL	TOTAL SHEETS	SHEET NO.
353	12R-4			199	122
STA.		TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



SECTION B-B



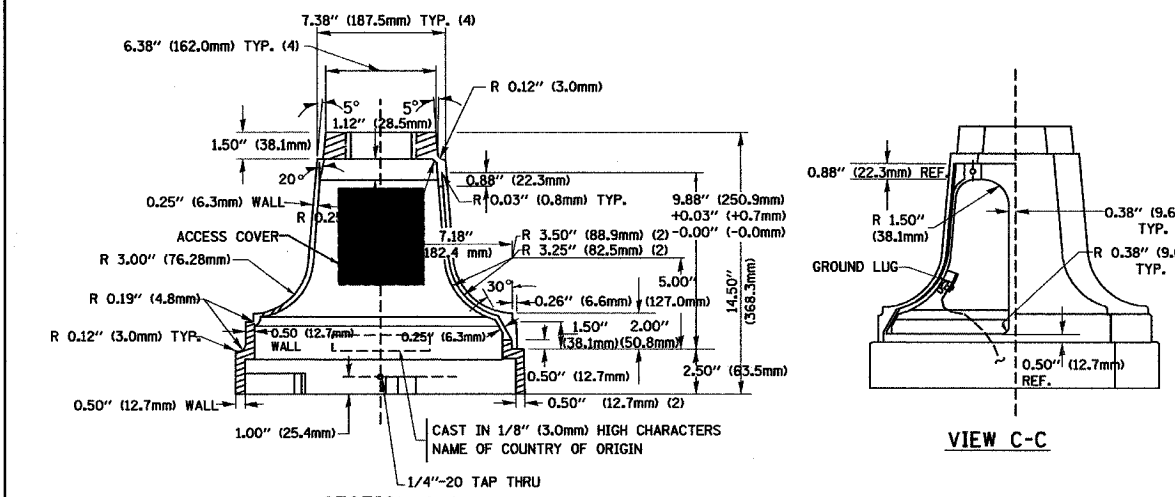
SECTION D-D



TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125\"(257mm)	9.5\"(241mm)	19\"(483mm)	12\"(300mm)	24kg
II	Ø 11.125\"(283mm)	10.75\"(273mm)	21.5\"(546mm)	12\"(300mm)	26kg

SHROUD DETAIL

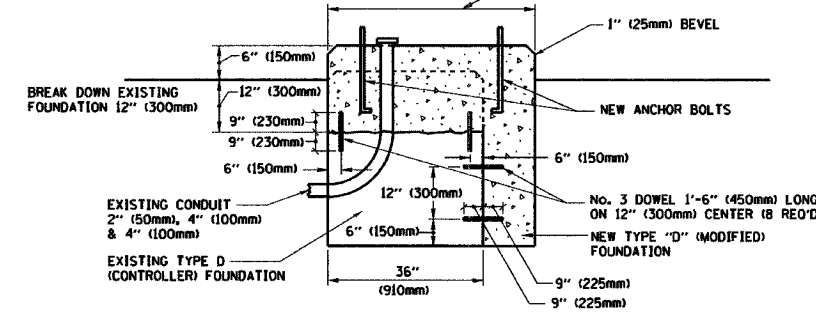
MATERIAL:
 - ASTM A48 CLASS 30 GREY IRON
 - ASTM A123 HOT DIPPED GALVANIZED



VIEW C-C

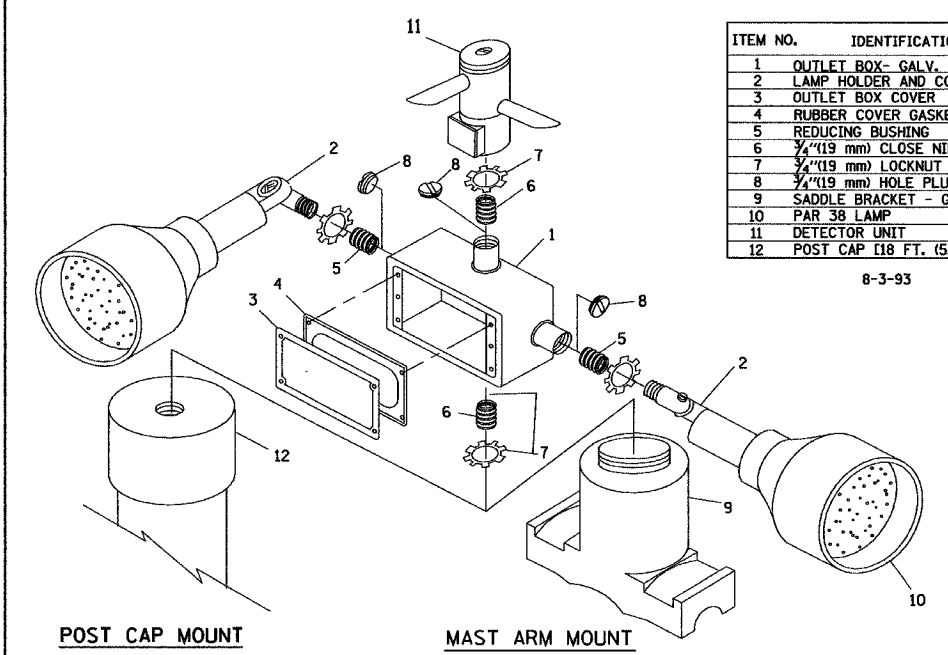
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

NOTE:
 SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

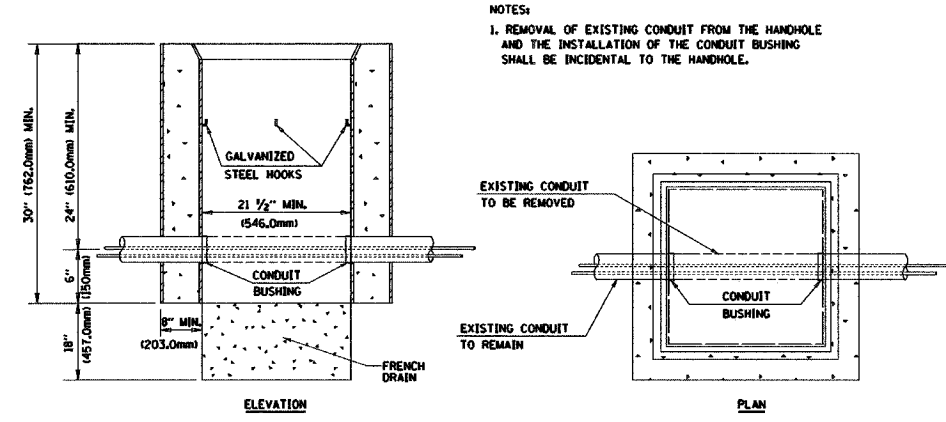
(NOT TO SCALE)



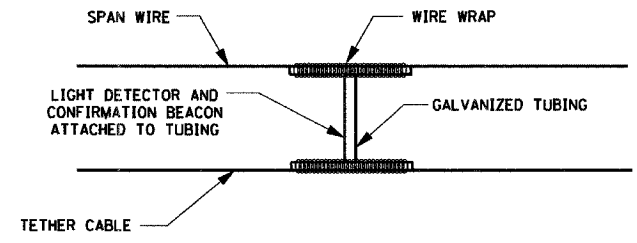
ITEM NO.	IDENTIFICATION
1	OUTLET BOX - GALV. 21 CU. IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	PAR 38 LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
- ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
 ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
 ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
- WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



DETAIL HANDHOLE TO INTERCEPT EXISTING CONDUIT N.T.S.



LIGHT DETECTOR AND CONFIRMATION BEACON MOUNTING

(NOT TO SCALE)

REVISIONS	
NAME	DATE
BUREAU OF TRAFFIC	5/30/00
BUREAU OF TRAFFIC	3/15/01
BUREAU OF TRAFFIC	11/12/01
BUREAU OF TRAFFIC	1-01-02

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 STANDARD TRAFFIC SIGNAL
 DESIGN DETAILS

SCALE: NONE

DRAWN BY: RWP
 DESIGNED BY: DAD
 CHECKED BY: DAZ
 SHEET 4 OF 4

TS05

DATE: 8/7/2007
 NAME: RWP
 SCALE: 1/8\"/>

DATE: _____ BY: _____
 ORIGINAL SURVEY PLOTTED DATE: _____
 NOTE BOOK NO. _____
 TEMPLATE NO. _____
 AREA ORDERED _____

DATE: _____ BY: _____
 ORIGINAL SURVEY PLOTTED DATE: _____
 NOTE BOOK NO. _____
 TEMPLATE NO. _____
 AREA ORDERED _____

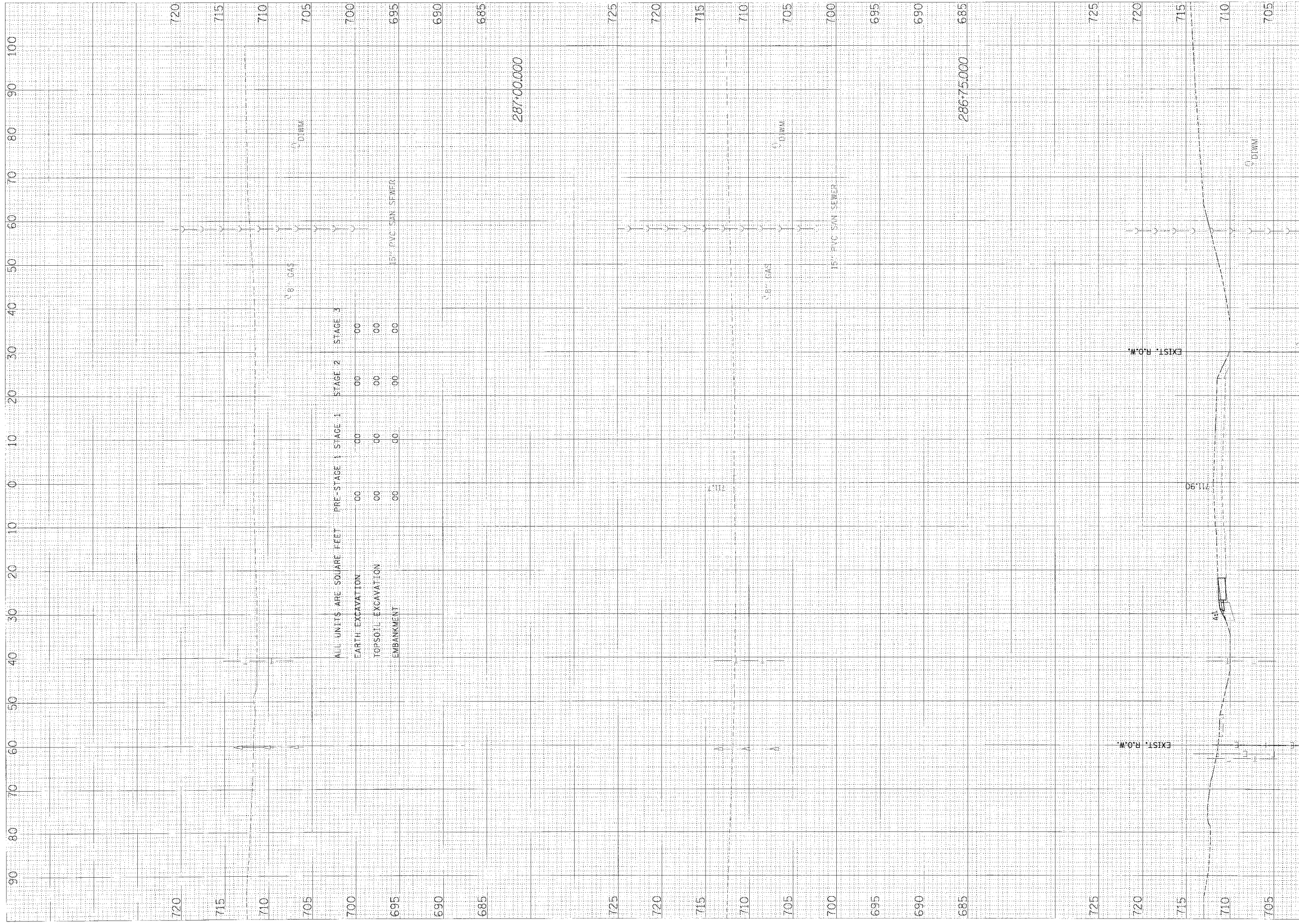


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	123
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

T:\353\101\123\123R-PSVSEC.dwg/19/2005

FINAL SURVEY	DUPLICATED	DATE
NOTED BOOK	FLIPPED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	DUPLICATED	DATE
NOTED BOOK	FLIPPED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	124
STA.	TO STA.		SCALE	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=10'H	

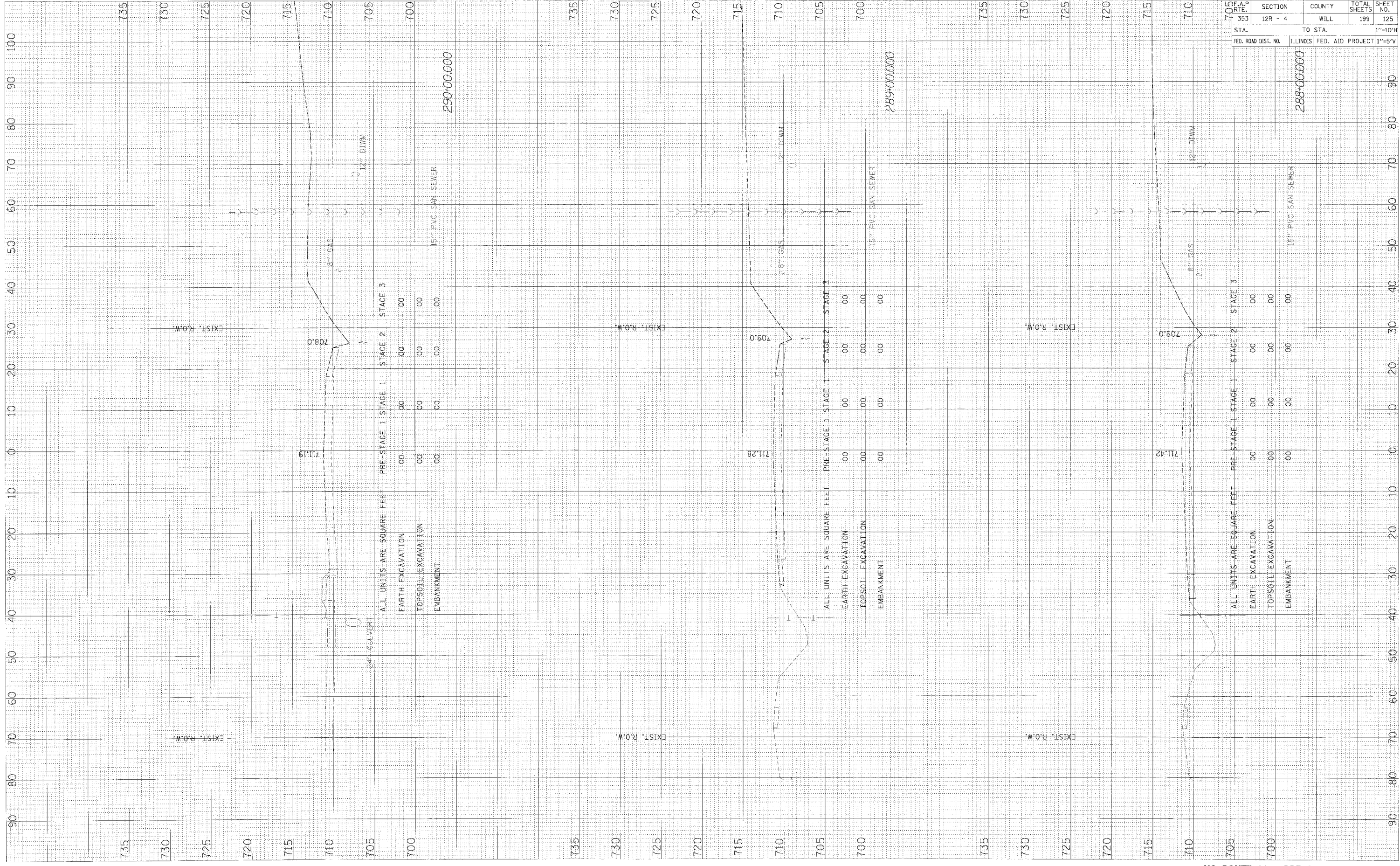
STATION	STAGE 1	STAGE 2	STAGE 3
725	04	00	00
720	04	00	00
715	04	00	00
710	04	00	00
705	04	00	00
700	00	00	00
695	00	00	00
690	00	00	00
685	00	00	00

US ROUTE 30 - PRE-STAGE 1 X-SECS

1-103022.Well_1111_0011-151655.dwg/19_2008

FINAL SURVEY SHEET
 NO. 101
 DATE: 11/15/11
 BY: [Redacted]
 CHECKED: [Redacted]
 APPROVED: [Redacted]

ORIGINAL SURVEY SHEET
 NO. 101
 DATE: 11/15/11
 BY: [Redacted]
 CHECKED: [Redacted]
 APPROVED: [Redacted]

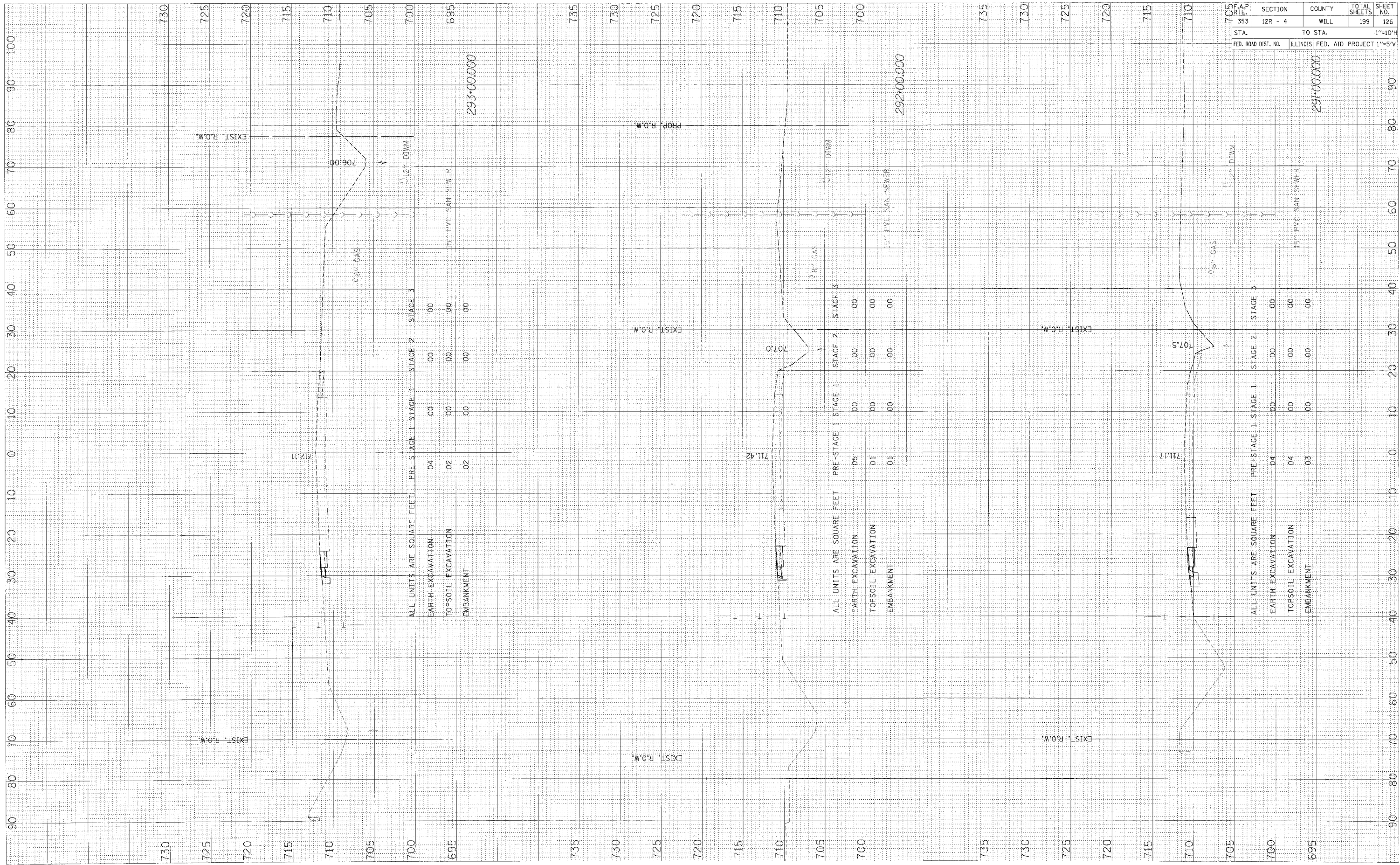


F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	125
STA.	TO STA.		SCALE	
			1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

F:\GIS\2011\11-15-11\11-15-11-12R-4\11-15-11-12R-4-125.dwg

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK NO. 12345678
 DATE 12/15/2010

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK NO. 12345678
 DATE 12/15/2010



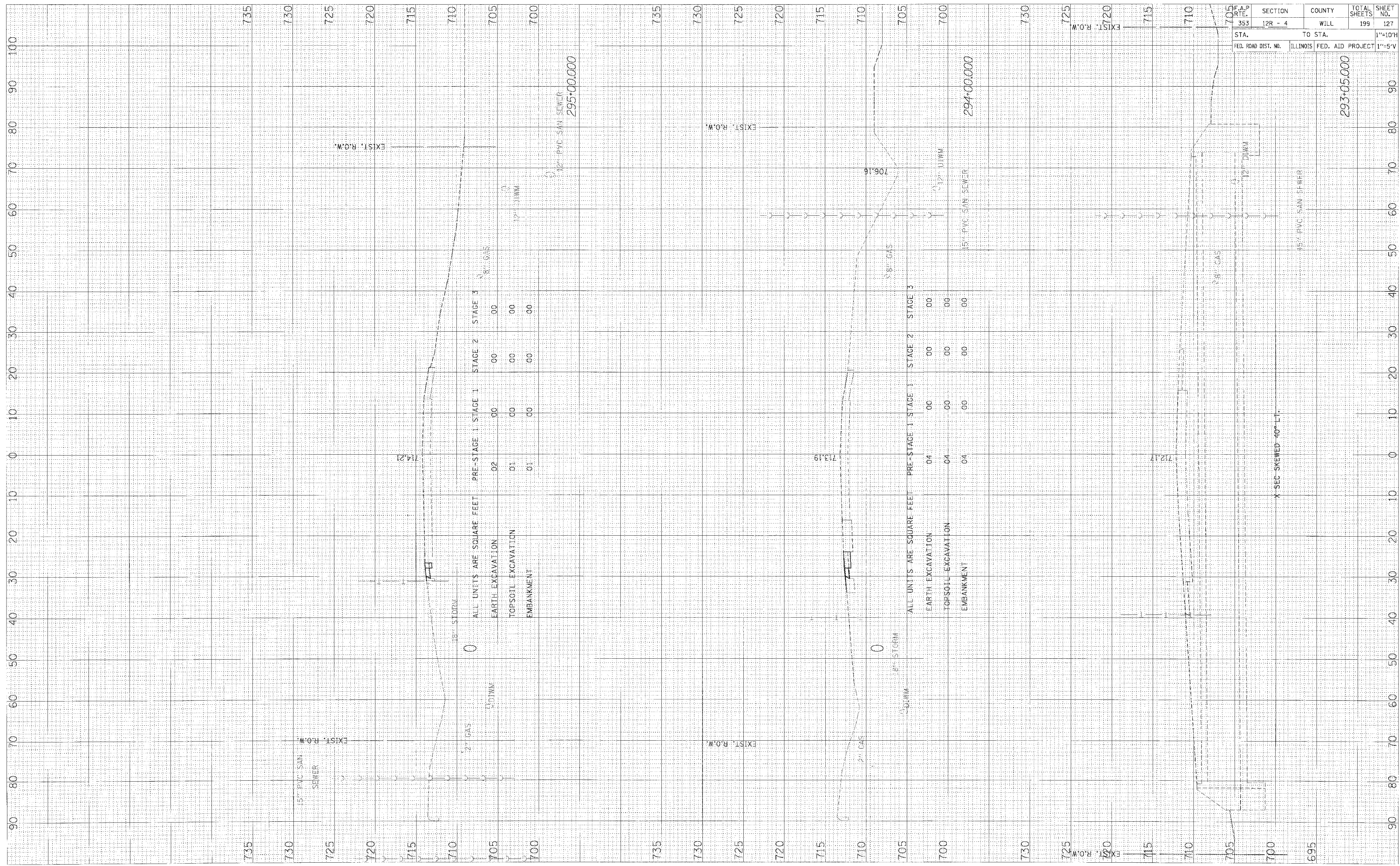
US ROUTE 30 - PRE-STAGE 1 X-SECS

STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 126
TO STA.		TO STA.		1"=10'H
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		1"=5'V

R:\353\A\1011-11\300-PSX\SEC.dwg 10/19/2010

ORIGINAL SURVEY	DATE
NO. _____	BY _____
DATE CHECKED _____	DATE _____
AREA CHECKED _____	BY _____

FINAL SURVEY	DATE
NO. _____	BY _____
DATE _____	DATE _____
AREA CHECKED _____	BY _____



US ROUTE 30 - PRE-STAGE 1 X-SECS

STA. 353	TO STA. 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 127
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		1"=10' H 1"=5' V		

F:\DISC2\WORK\111\304-PS\KSEC.dwg/12/2008

FINAL	SURVEY	DATE
NOTES	BY	
NO.		

ORIGINAL	SURVEY	DATE
NOTES	BY	
NO.		



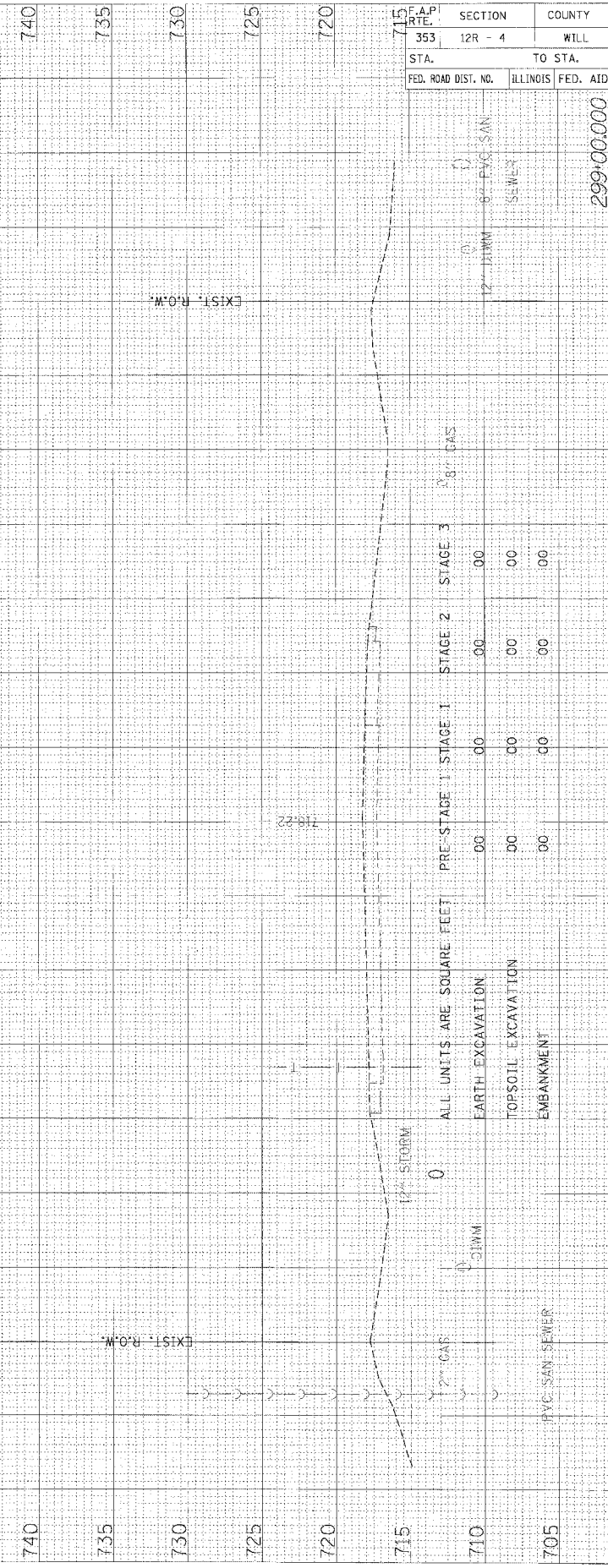
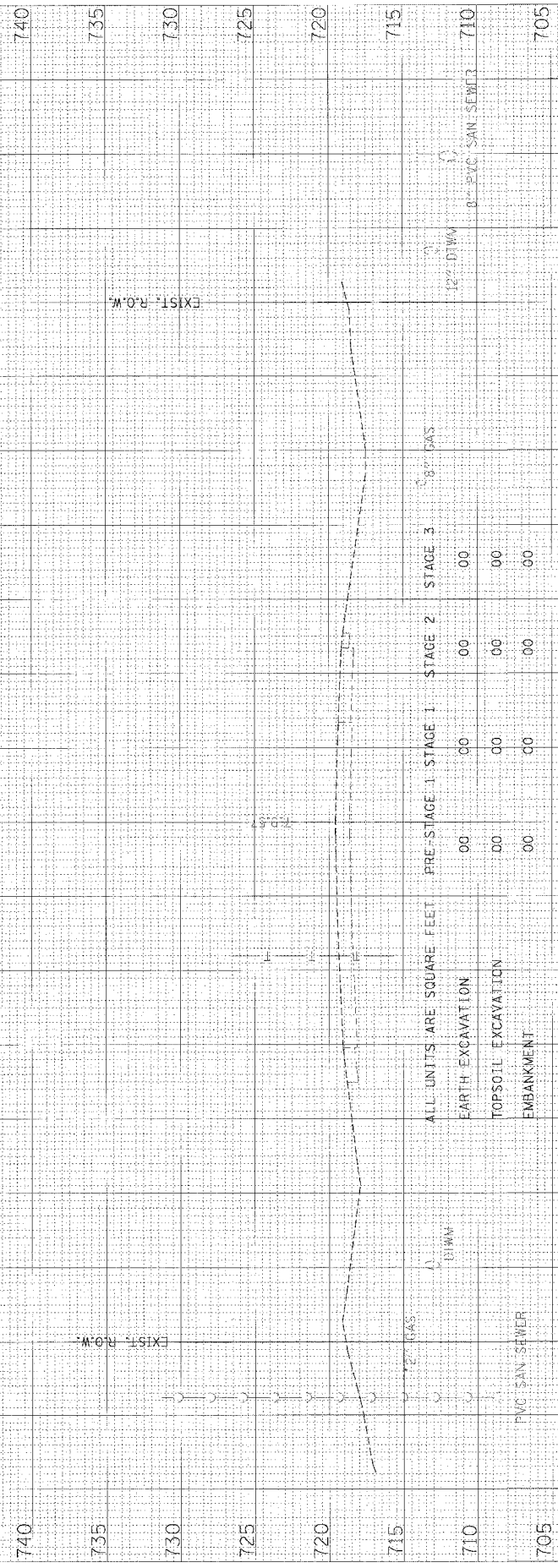
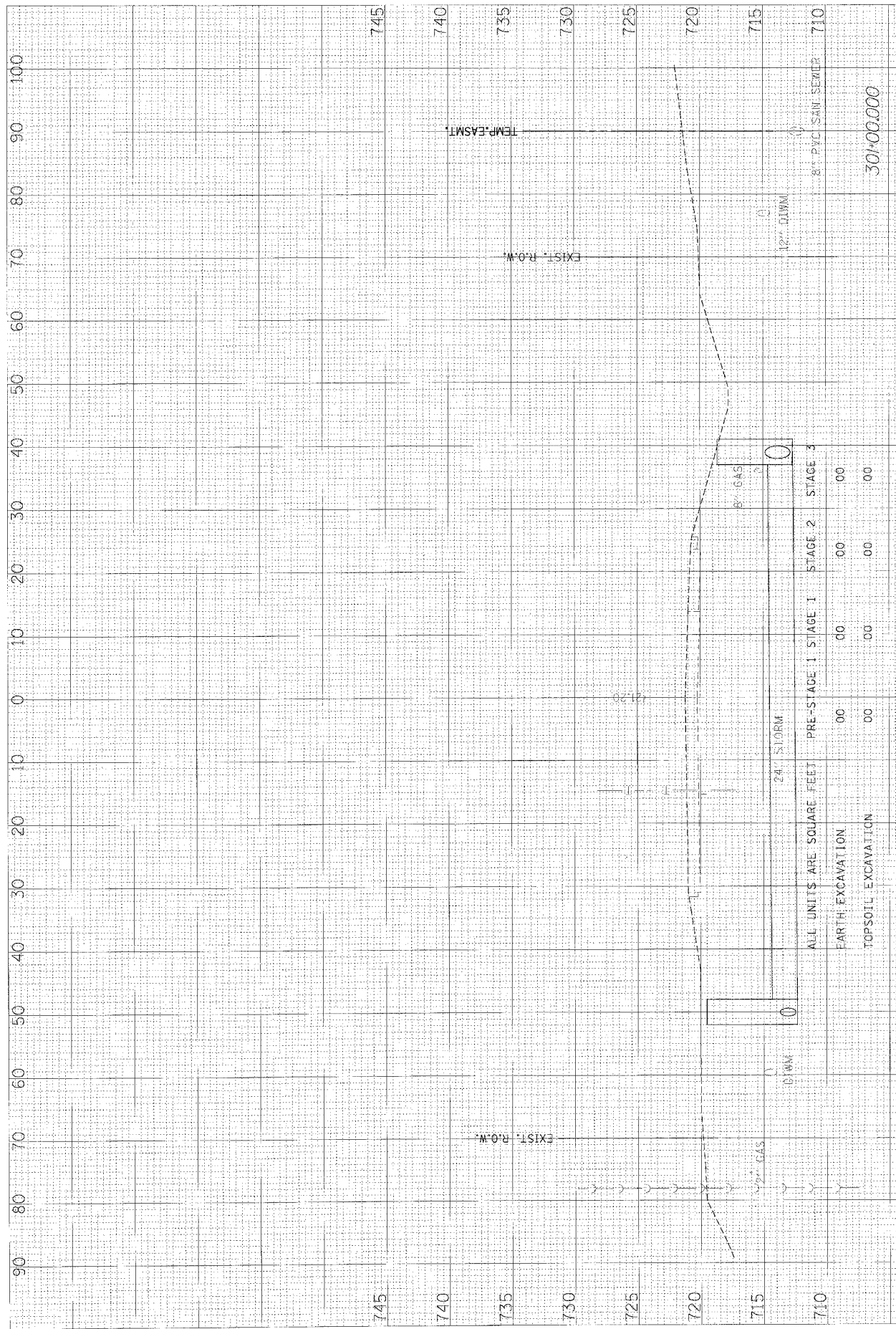
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	128
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

US ROUTE 30 - PRE-STAGE 1 X-SECS

6-18-2002 Work File 30W-PS1-SEC-003-15/2008

ORIGINAL SURVEY PLOTTED DATE
 NO. _____ BY _____

FINAL SURVEY PLOTTED DATE
 NO. _____ BY _____



US ROUTE 30 - PRE-STAGE 1 X-SECS

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	129
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

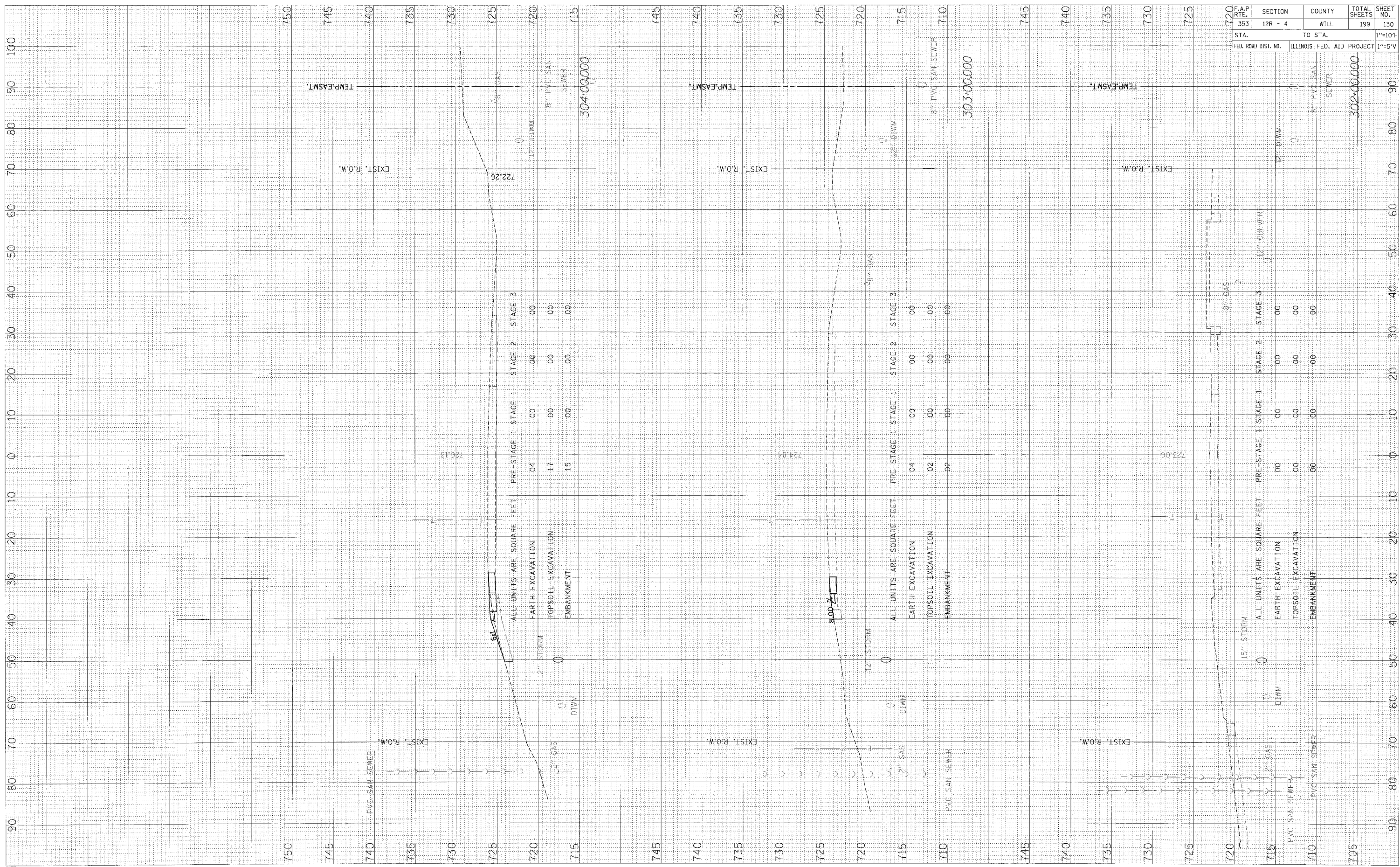
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DATE	BY



F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	130
STA.	TO STA.			1"=10'H
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			1"=5'V

US ROUTE 30 - PRE-STAGE 1 X-SECS

F:\1852\1852\1852.dwg - P:\SEC\1852.dwg 10/2008

FINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO.
 DATE

ORIGINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO.
 DATE



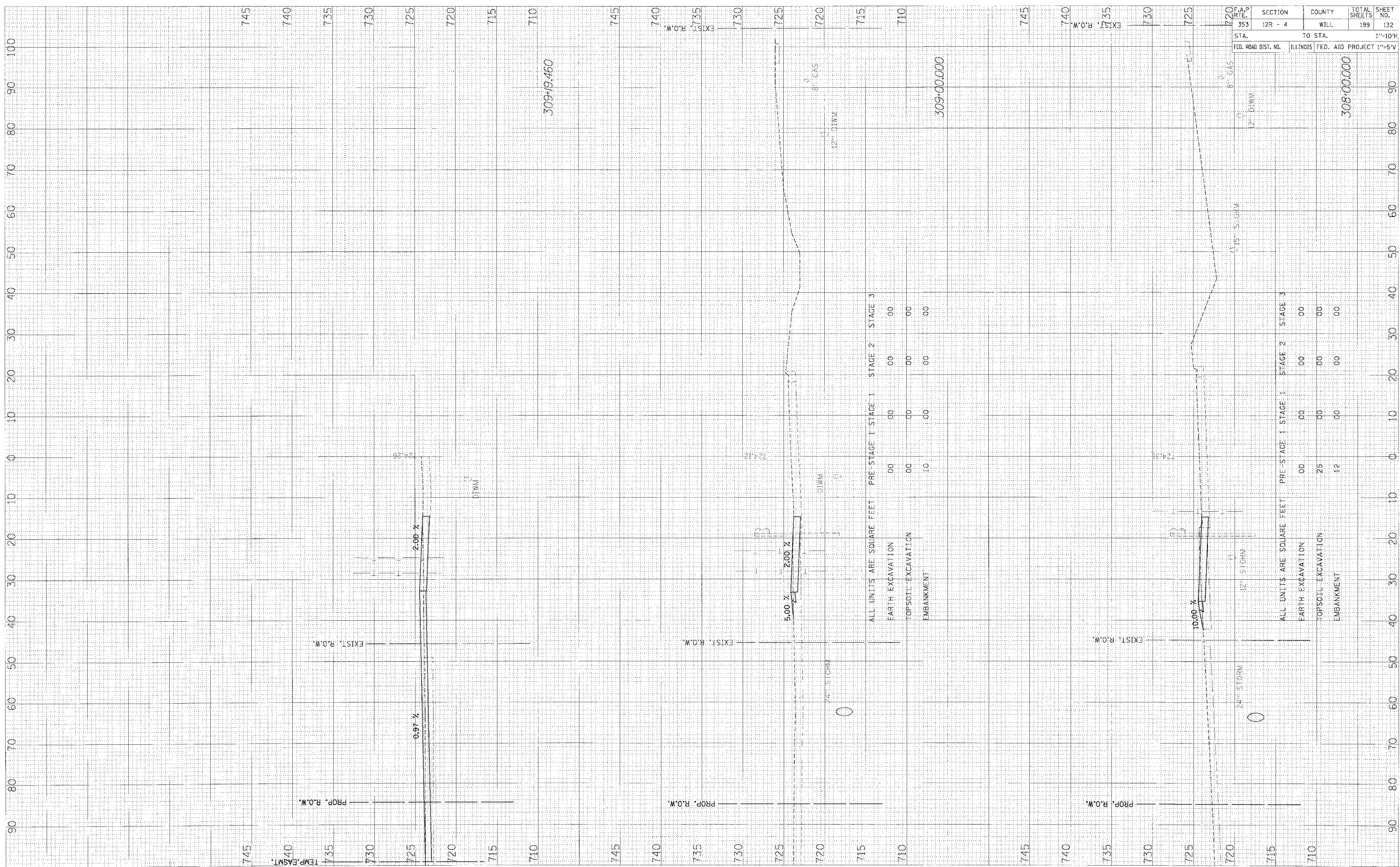
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12R - 4	WILL	199	131

STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
353			

11-1030-01-01-11-130W-PSVSEC.dwg/10/2008

FINAL SURVEY	DATE
NO. _____	_____
DATE	_____
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REVISIONS	
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ORIGINAL SURVEY	DATE
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REVISIONS	
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US ROUTE 30 - PRE-STAGE 1 X-SECS

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	132
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	10	00	00	00

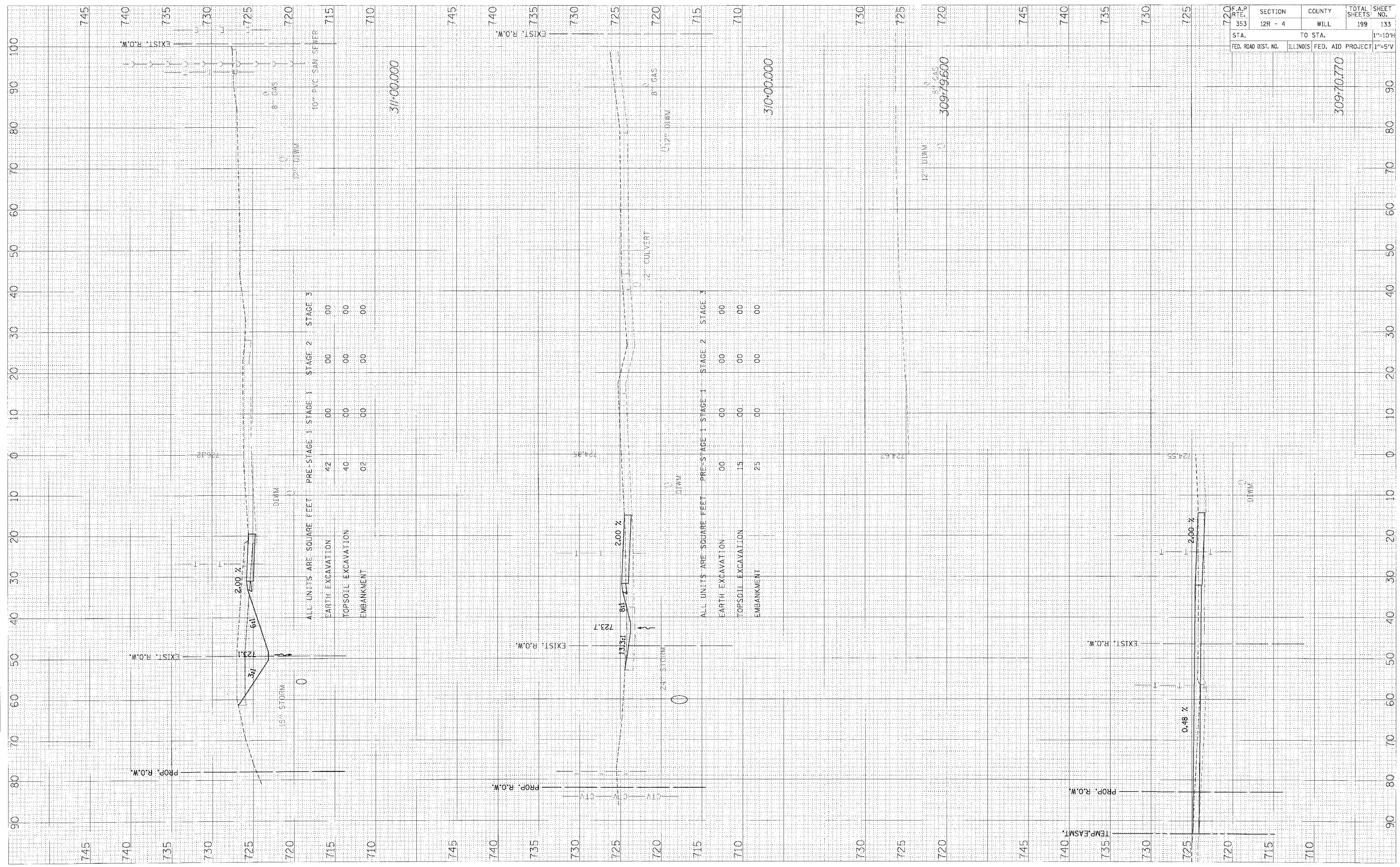
ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	25	00	00	00
EMBANKMENT	12	00	00	00

F:\3532\W01F\11\308-5155E.dwg/09/2008

FINAL SURVEYED BY DATE
 SURVEYED BY DATE
 TEMPLATE NO. 10/11/00
 AREAS CHECKED
 NO.

ORIGINAL SURVEYED BY DATE
 SURVEYED BY DATE
 TEMPLATE NO. 10/11/00
 AREAS CHECKED
 NO.



US ROUTE 30 - PRE-STAGE 1 X-SECS

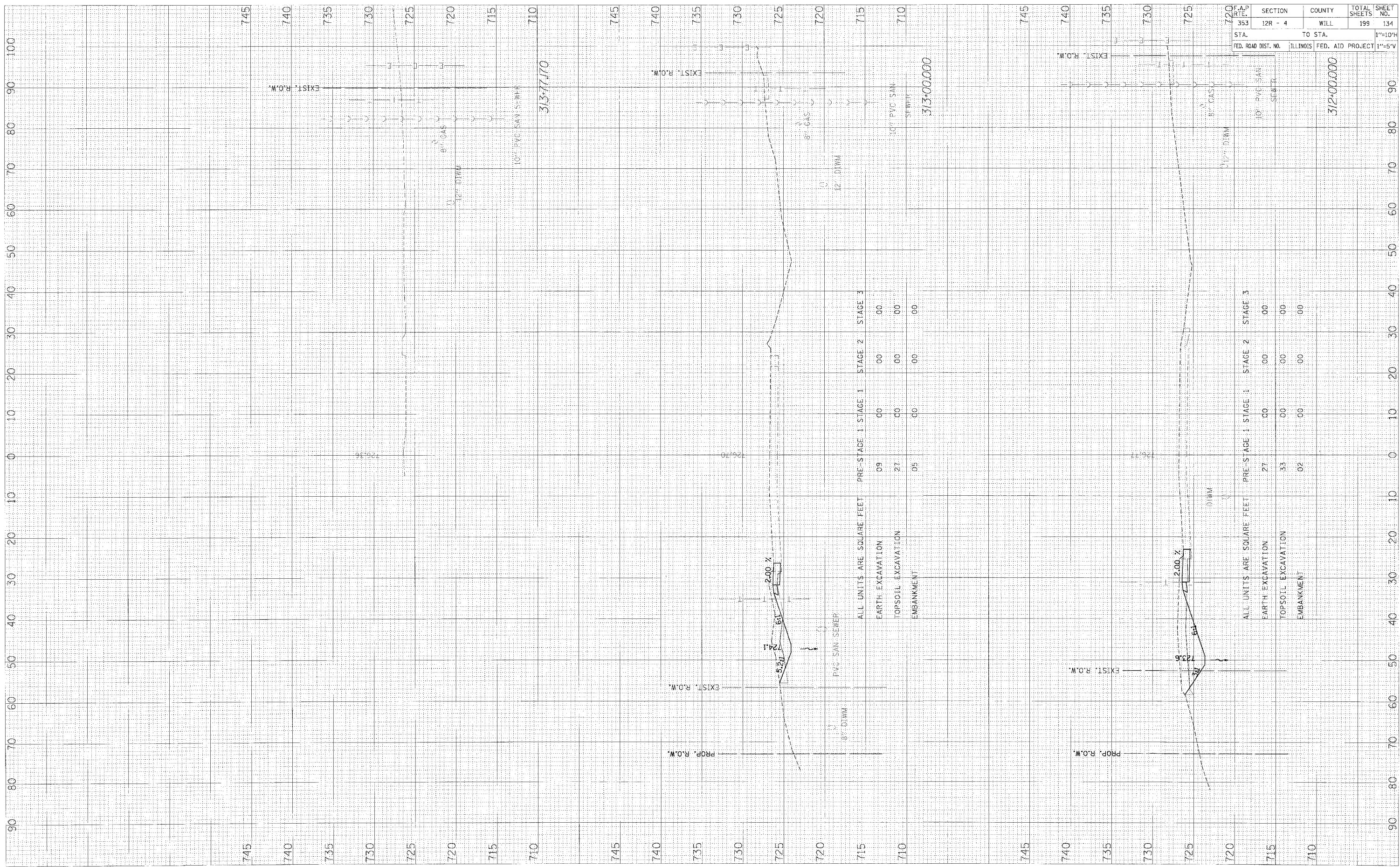
F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 133
STA. 720	TO STA. 715		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

30970770

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FINAL SURVEY
 NO. _____
 DATE _____

ORIGINAL SURVEY
 NO. _____
 DATE _____



F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	134
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	1"=5'V	

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	09	00	00	00
TOPSOIL EXCAVATION	27	00	00	00
EMBANKMENT	05	00	00	00

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	27	00	00	00
TOPSOIL EXCAVATION	33	00	00	00
EMBANKMENT	02	00	00	00

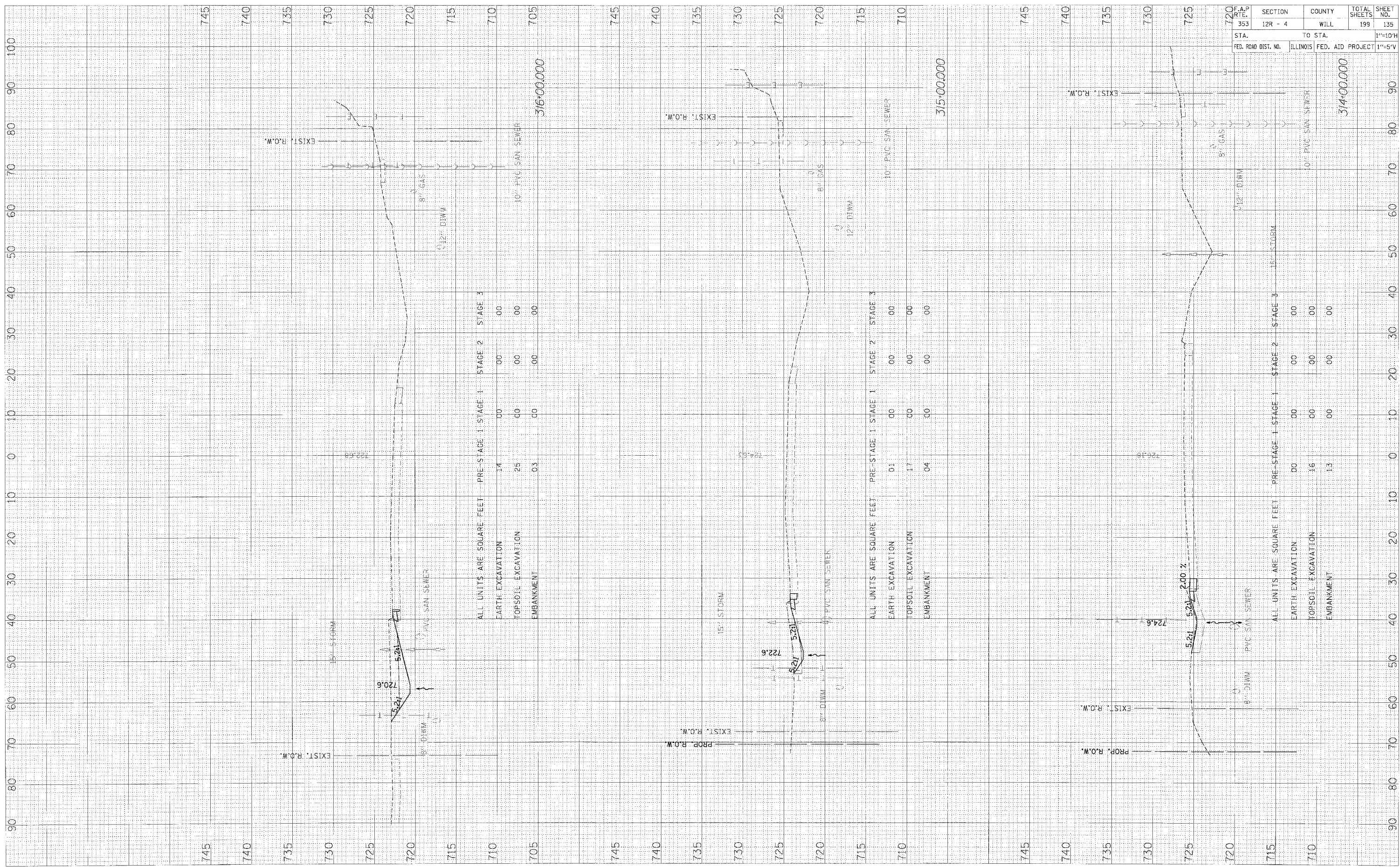
14-0302-2-W-01-F-111-2014-15-SEC-04-15/19/2005

FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

BY DATE

BY DATE



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	14	00	00	00
TOPSOIL EXCAVATION	25	00	00	00
EMBANKMENT	03	00	00	00

316+00.000

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	01	00	00	00
TOPSOIL EXCAVATION	17	00	00	00
EMBANKMENT	04	00	00	00

315+00.000

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	16	00	00	00
EMBANKMENT	13	00	00	00

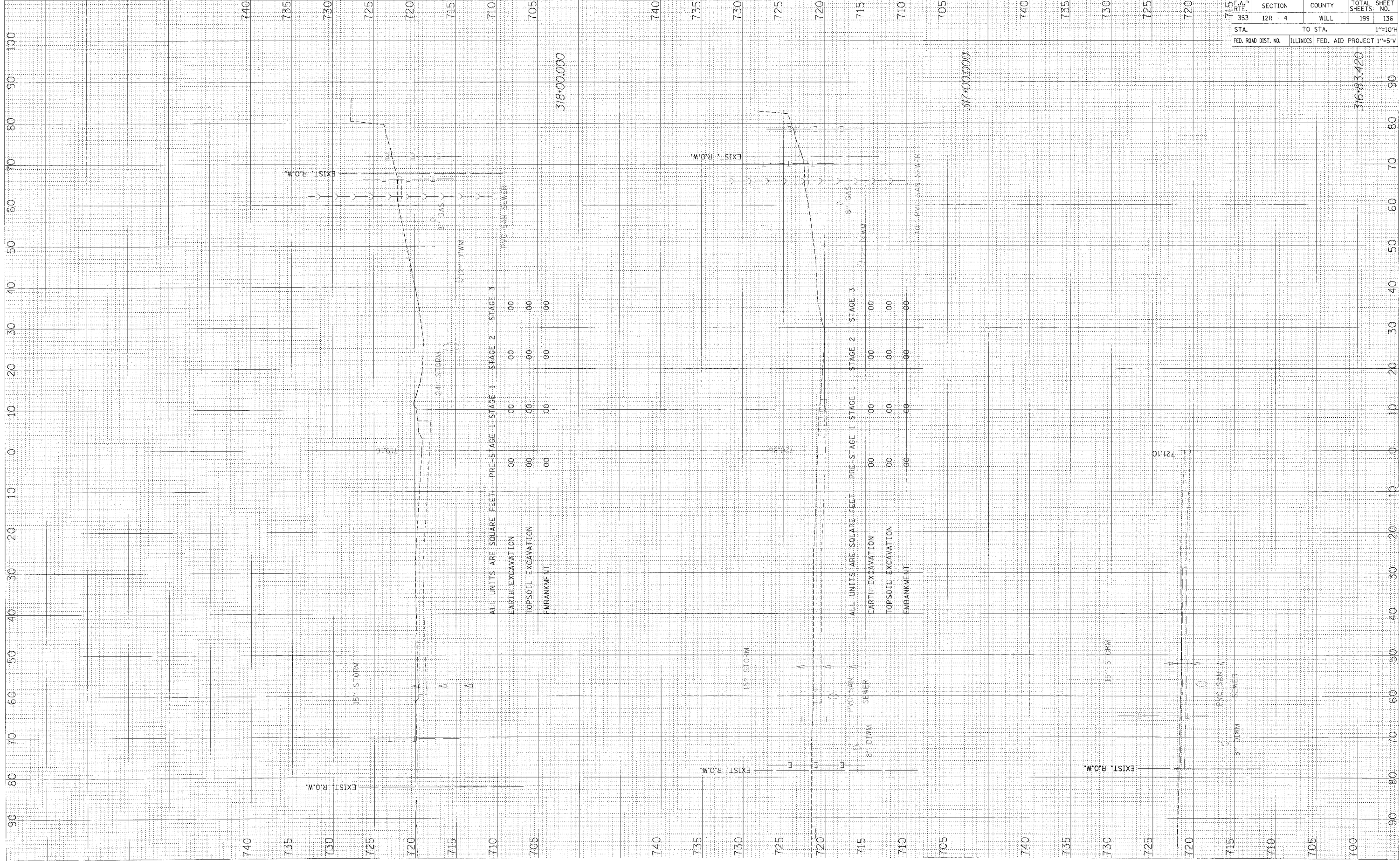
314+00.000

F.A.P. R.T.E. NO. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 135
STA. TO STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

11/20/02 2:00 PM C:\work\us30\PS-VSEC-30R/05/2008

FINAL SURVEY	SUPPLIER	BY	DATE
NOTE BOOK	PLotted		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	EXCISED	BY	DATE
NOTE BOOK	PLotted		
NO.	TEMPLATE		
	AREAS CHECKED		



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	30	00	00
EMBANKMENT	00	30	00	00

318+00.000

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

317+00.000

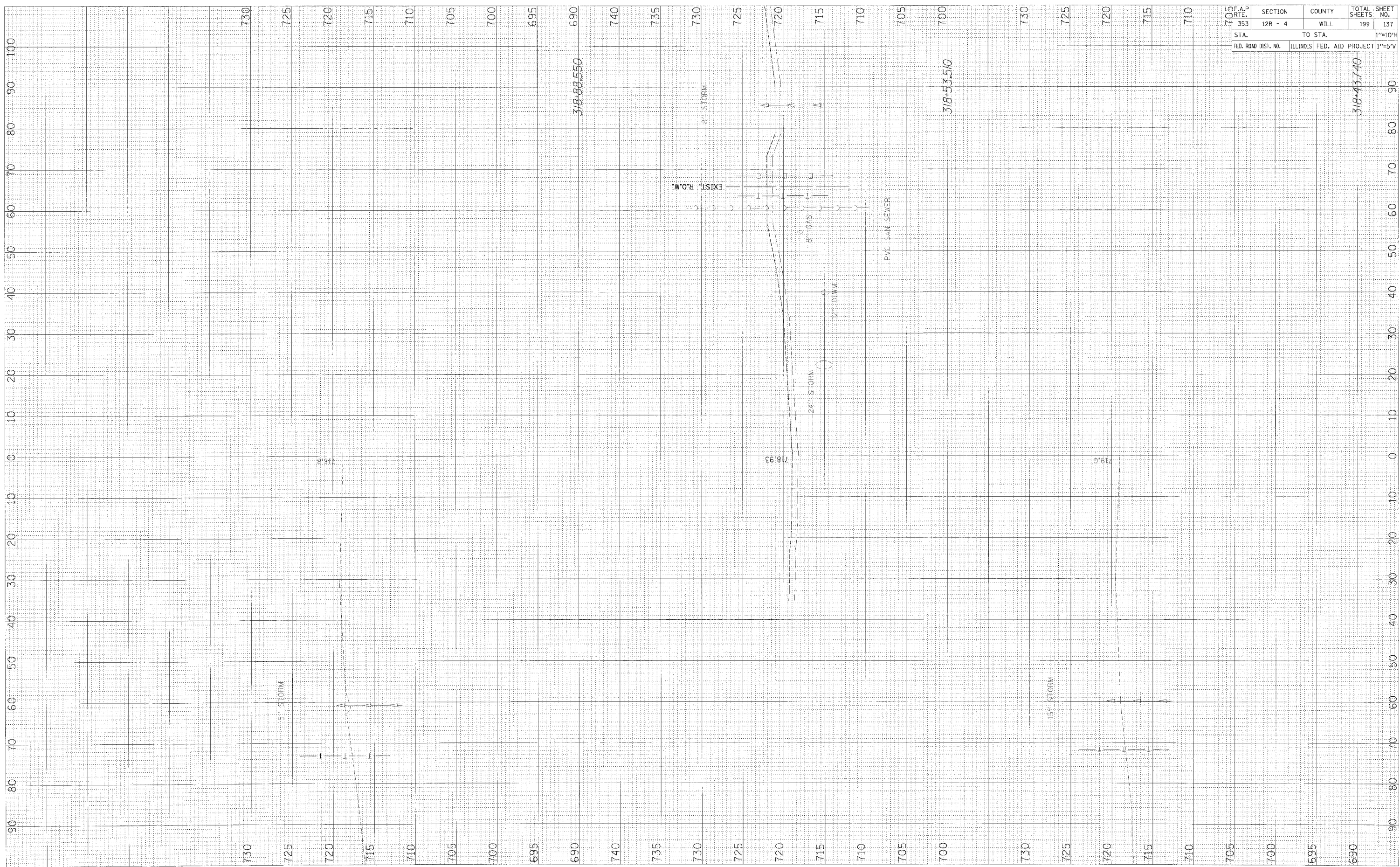
F.A.P. R.F.E.	SECTION	COUNTY	TOTAL SHEET NO.
353	12R - 4	WILL	199
STA.	TO STA.		1"=10'H
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V

US ROUTE 30 - PRE-STAGE 1 X-SECS

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FINAL	REVISED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	NO.	
	APPROVED	
	DATE	

ORIGINAL	REVISED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	NO.	
	APPROVED	
	DATE	



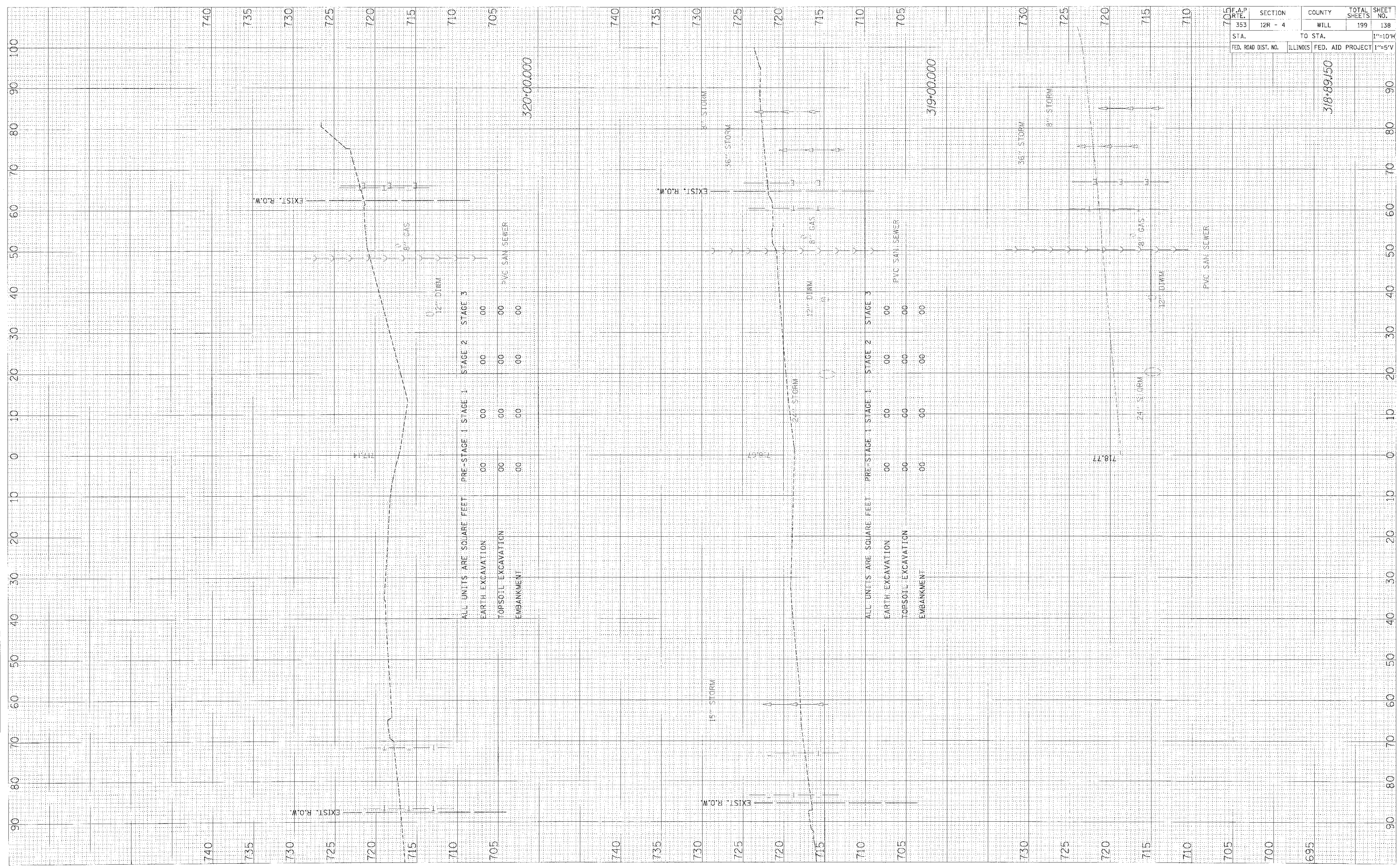
F.A.P. No.	SECTION	COUNTY	TOTAL SHEETS
353	12R - 4	WILL	199
STA.	TO STA.		SHEET NO.
			137
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=10'H
			1"=5'V

US ROUTE 30 - PRE-STAGE 1 X-SECS

FD-506 (Rev. 11-13-59) PS&S (C. J. R. / B. / 2018)

FINAL SURVEY DATE
 BY
 SURVEYED BY
 CHECKED BY
 DATE

ORIGINAL SURVEY DATE
 BY
 SURVEYED BY
 CHECKED BY
 DATE



320+00.000

ALL UNITS ARE SQUARE FEET		PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00	00
EMBANKMENT	00	00	00	00	00

PVC SAN SEWER
 12" DIAM

319+00.000

ALL UNITS ARE SQUARE FEET		PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00	00
EMBANKMENT	00	00	00	00	00

PVC SAN SEWER

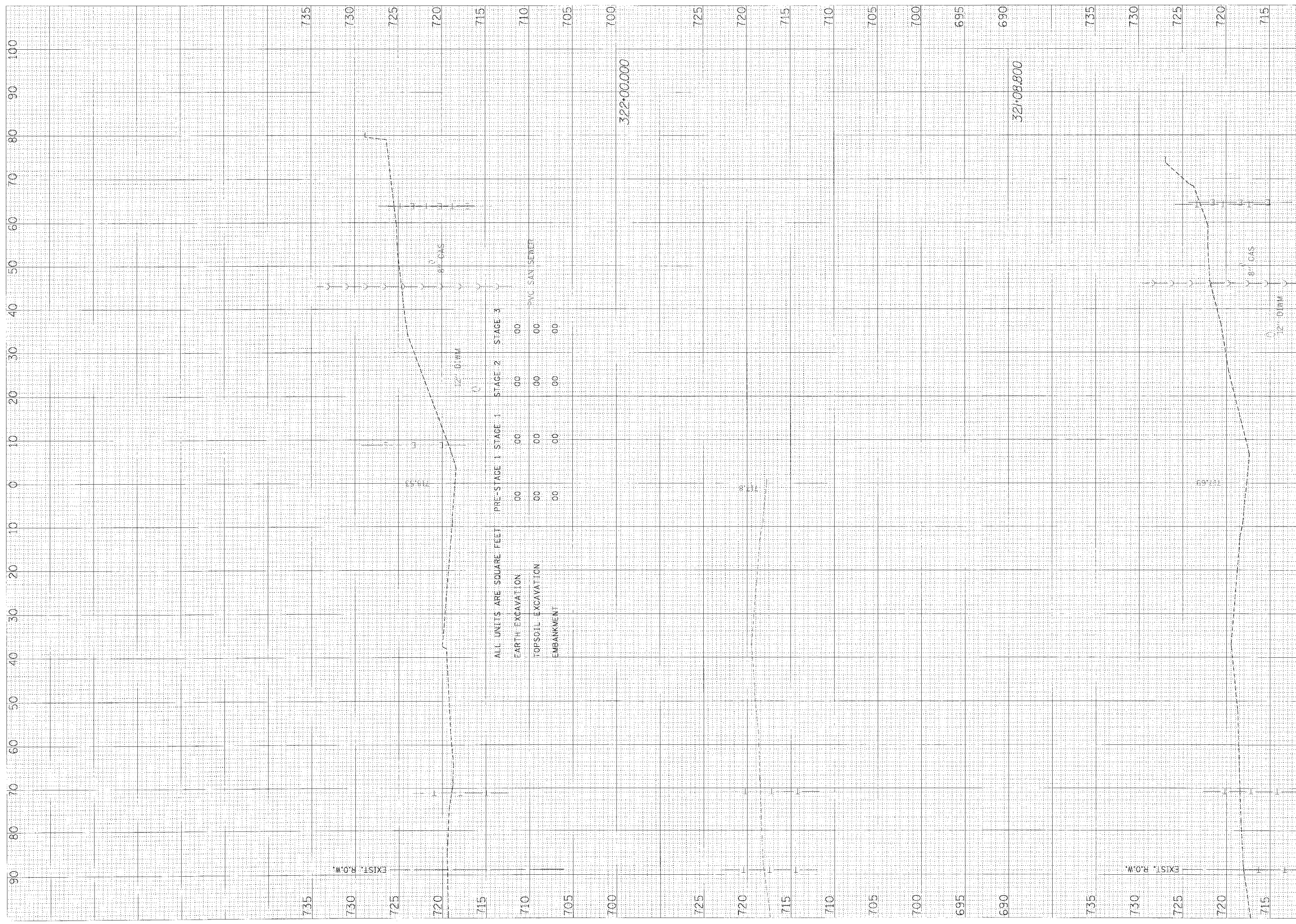
F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	138
STA.	TO STA.			1"=10'H
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			1"=5'V

318+89.50

F:\B30CA\W01\JTA\30W_P5\SEC-4\PR-19\2008

ORIGINAL SURVEYED BY: _____ DATE: _____
 SURVEY TEMPLATE: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

FINAL SURVEYED BY: _____ DATE: _____
 SURVEY TEMPLATE: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00
				12\"/>

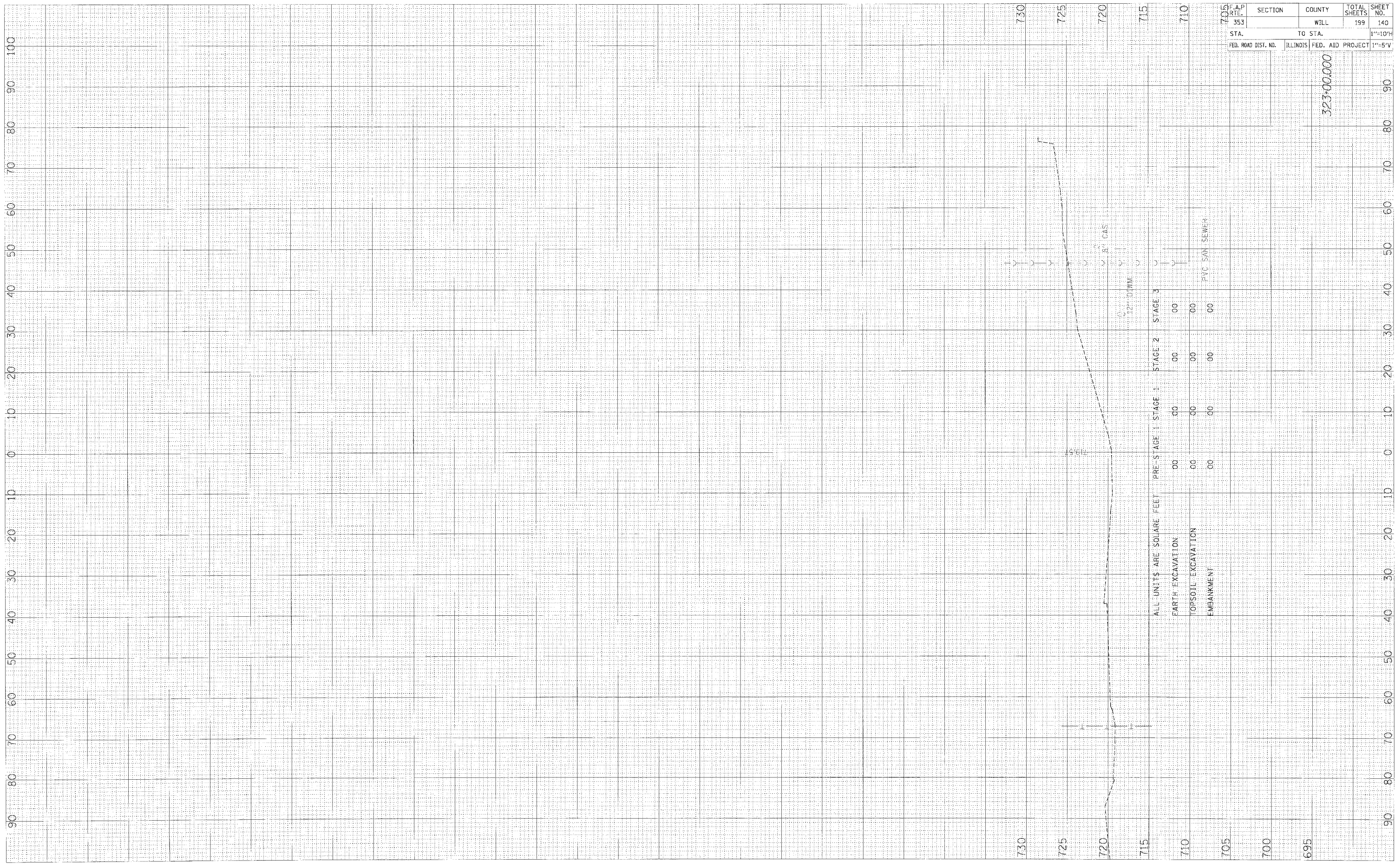
322+00.000

321+08.800

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353		WILL	199	139
ILLINOIS FED. AID PROJECT				
321+00.000				

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

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



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

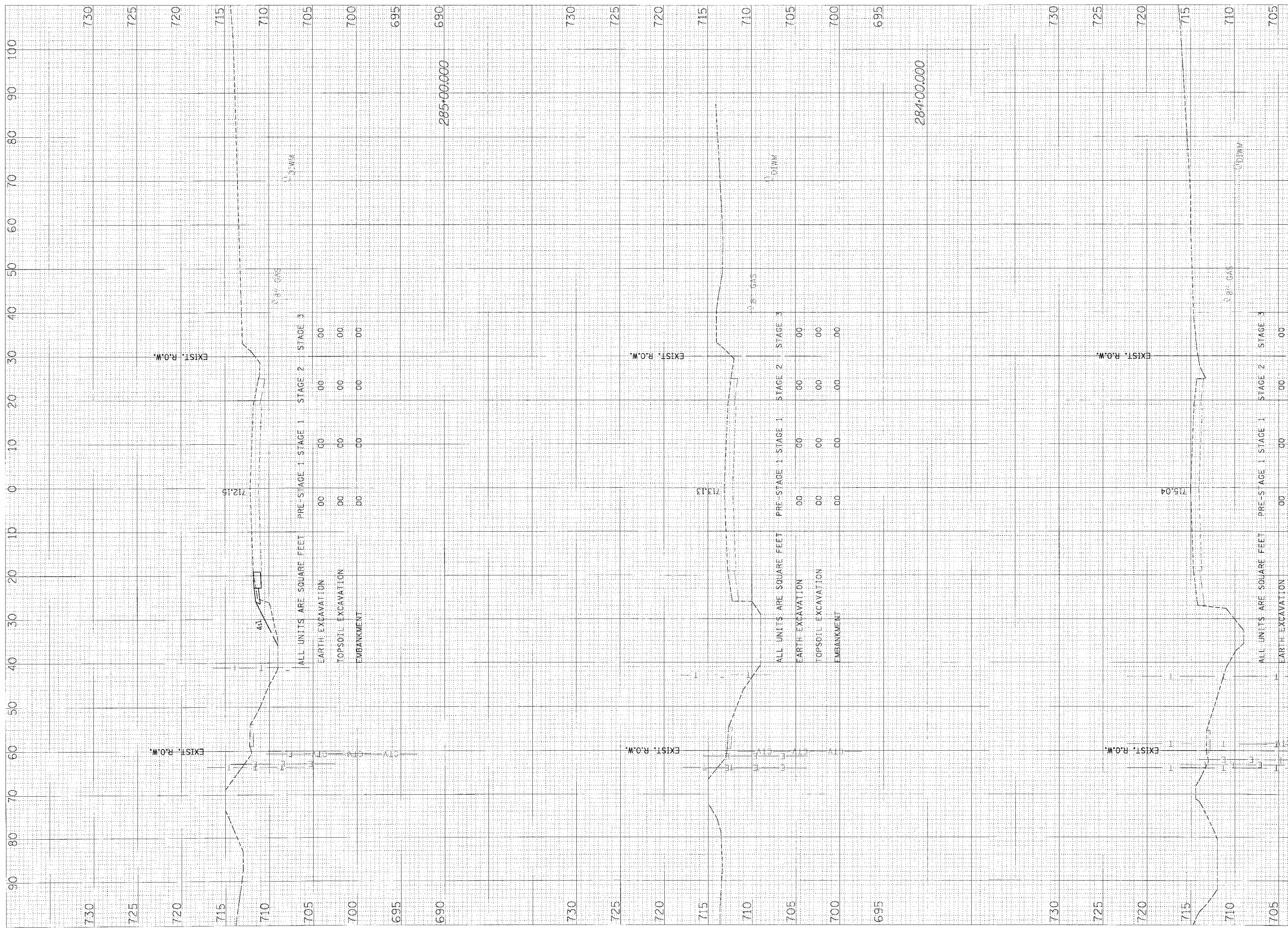
PVC SAN SEWER

F.A.P. RTE. 353	SECTION	COUNTY	TOTAL SHEETS 199	SHEET NO. 140
STA. 705	WILL		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

323+00.000

ORIGINAL SURVEY PLOT ID: _____ DATE: _____
 NOTE BOOK: _____ BY: _____
 NO. _____ AREAS CHECKED: _____

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

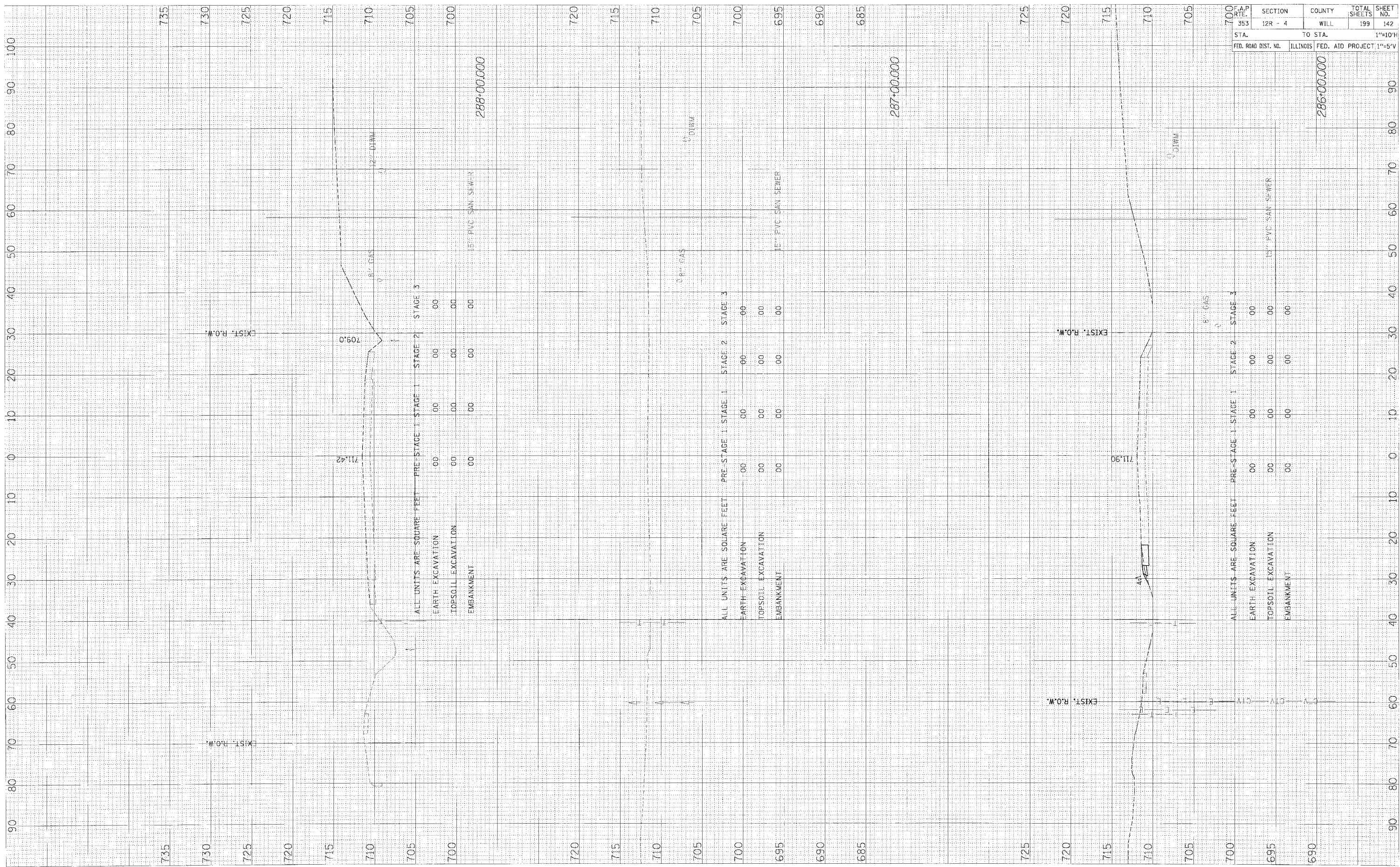


F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 141
STA. 700	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

T:\353\2\1014\1304-515555.dgn 3/19/2005

ORIGINAL SURVEY PLOTTED DATE
 NOTE BOOK TEMPLATE BY
 AREAS CHECKED

ORIGINAL SURVEY PLOTTED DATE
 NOTE BOOK TEMPLATE BY
 AREAS CHECKED

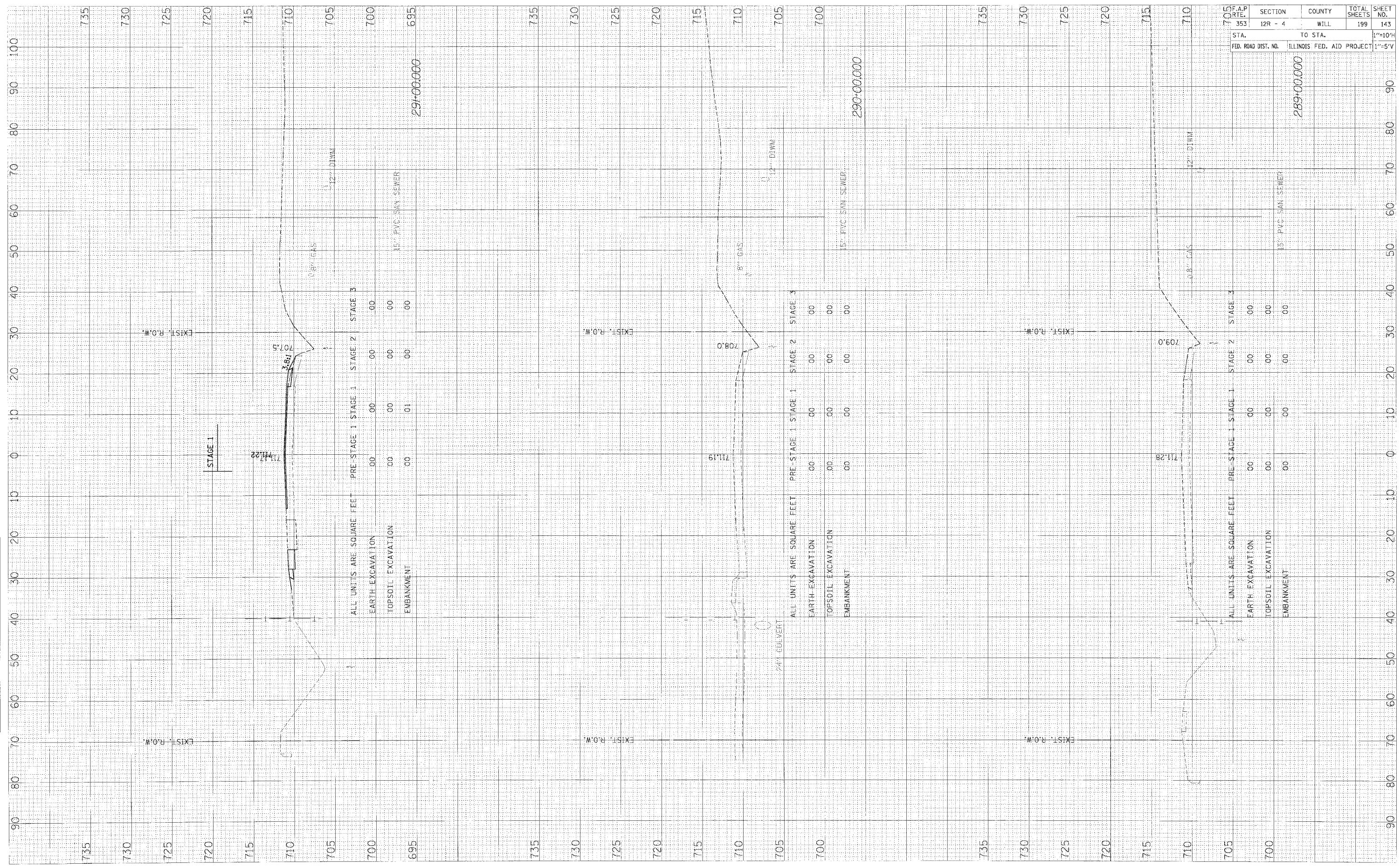


F.A.P. RITE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 142
STA. 700	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

14859c:\n\p\j\1304-SKSEC-09 v18/208

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

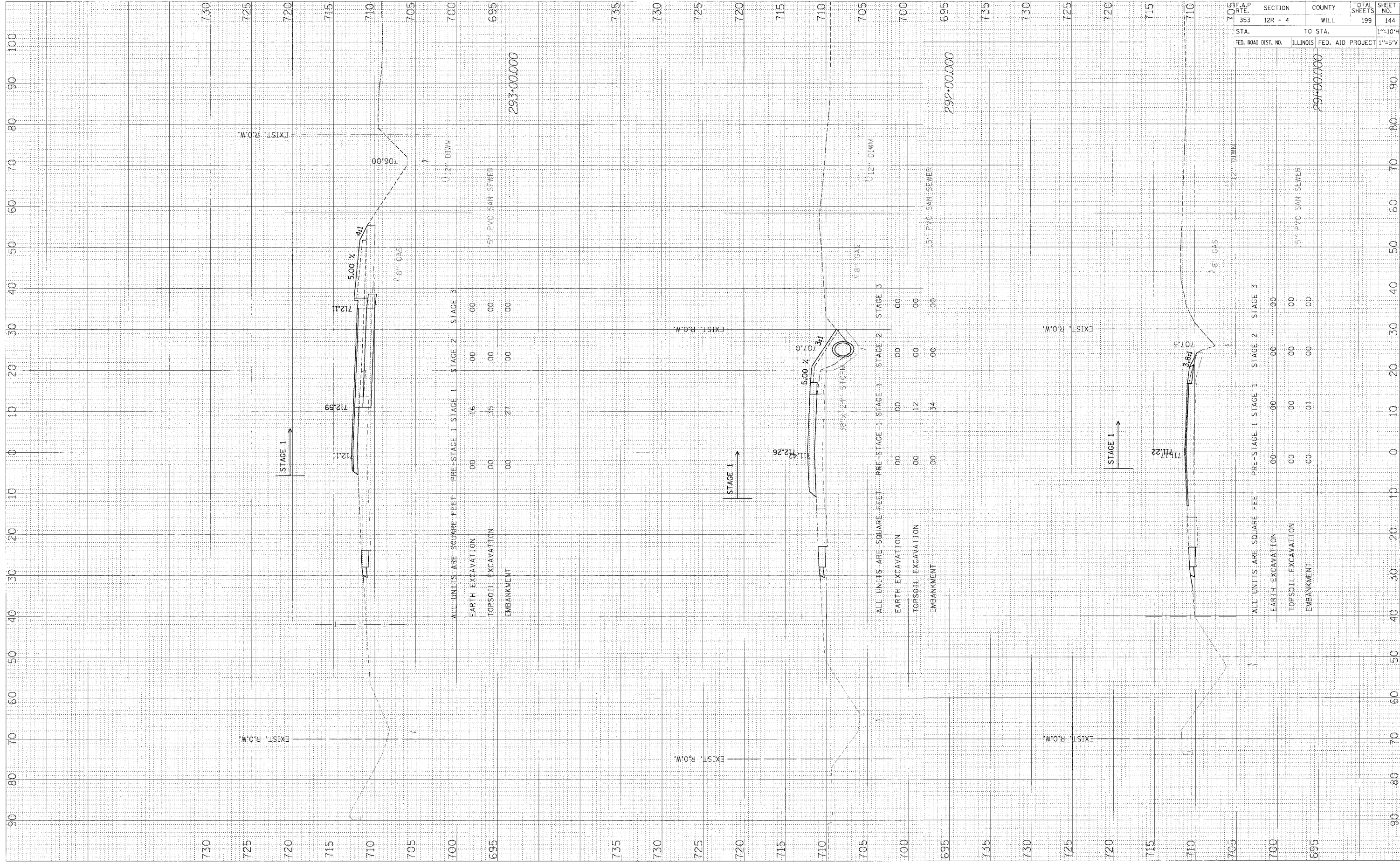
ORIGINAL SURVEY BY DATE
 SURVEYED BY DATE
 NOTE BOOK NO. DATE
 AREAS CHECKED BY DATE



F.A.P. NO. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 143
STA. 705	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

FINAL	DATE
SURVEY	BY
NOTED	
REVISIONS	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTED	
REVISIONS	
NO.	



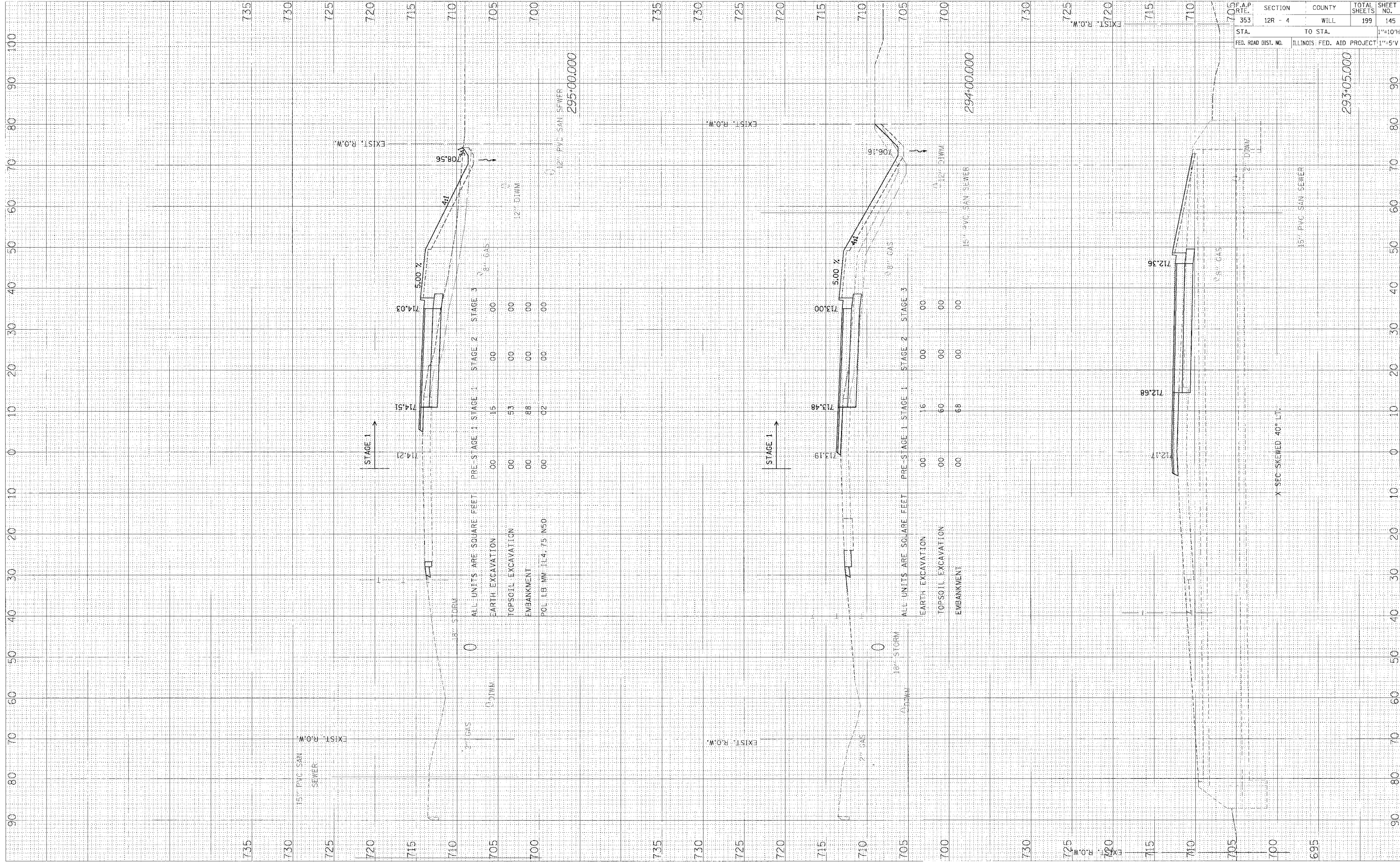
F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	144
STA.	TO STA.		SCALE	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=10'H	
			1"=5'V	

US ROUTE 30 - STAGE 1 X-SECS

HWY30P2 Work_1304-SWSEC.dwg 5/28/2008

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

EXCISED SURVEY	DATE
PLATE	BY
NOTE BOOK	
AREAS CHECKED	
NO.	



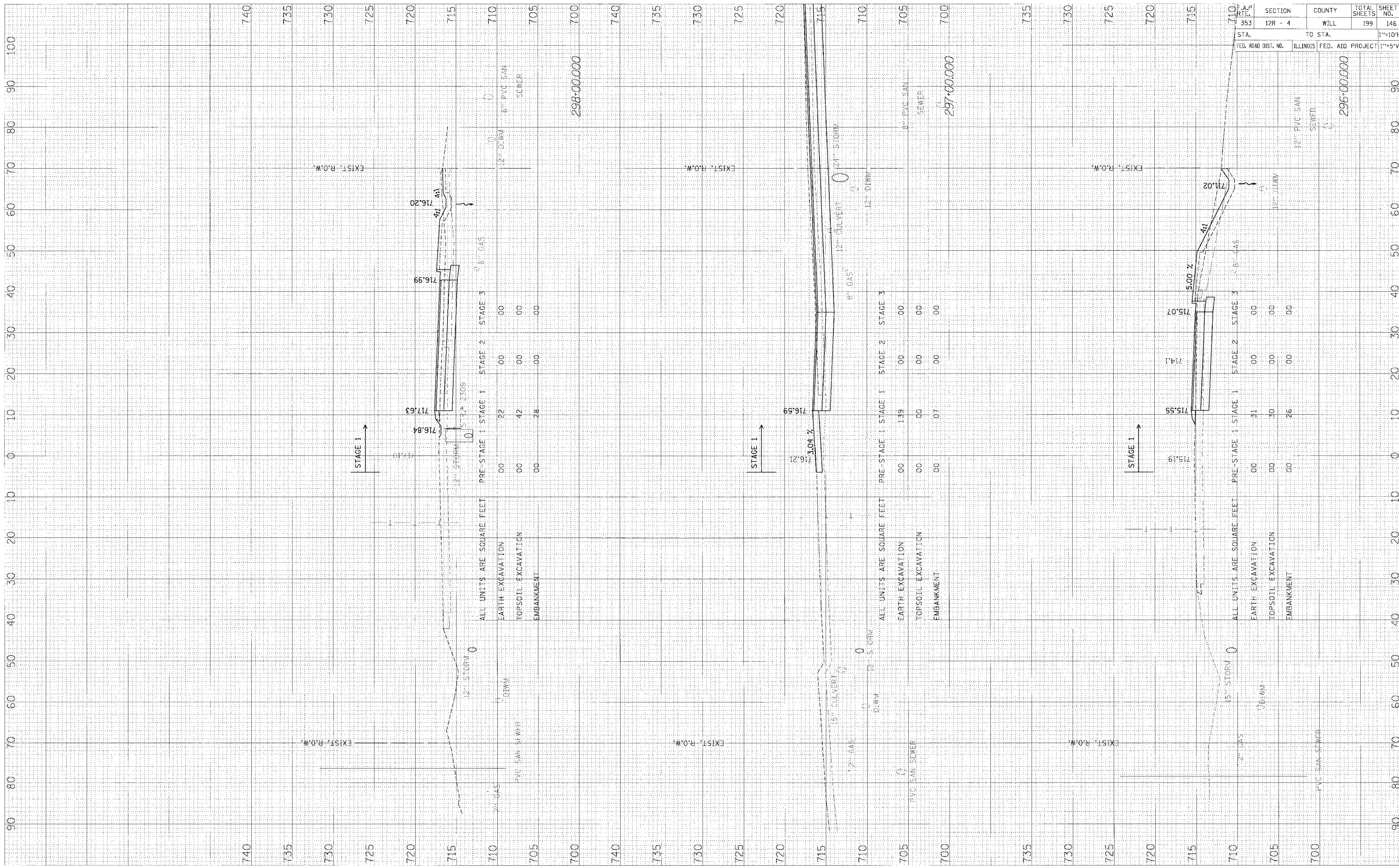
US ROUTE 30 - STAGE 1 X-SECS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	145
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		1"=5' V

FILE: J:\P\A\Proj_Lin\30W-SKSEC.dgn 1/18/2008

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

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



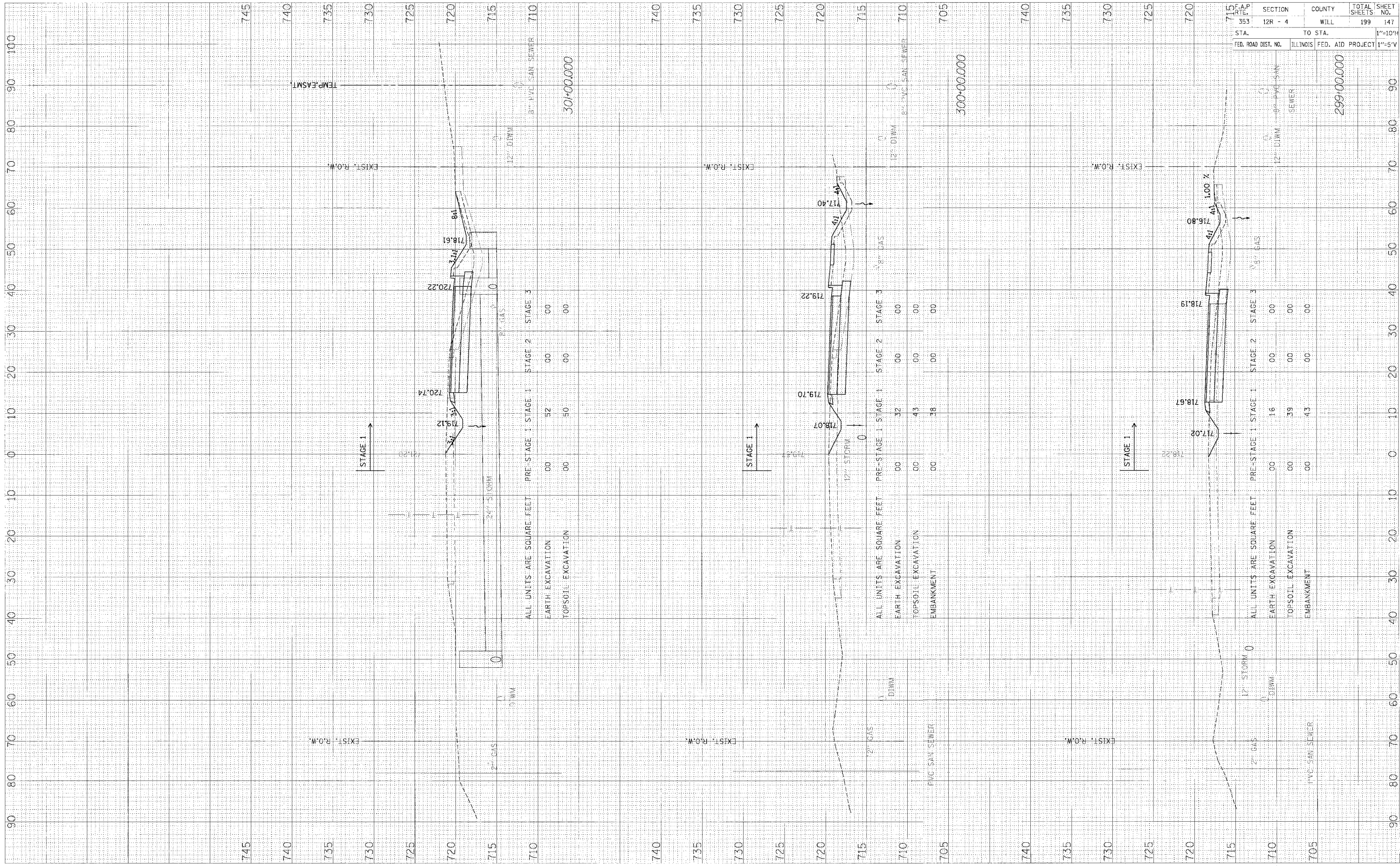
US ROUTE 30 - STAGE 1 X-SECS

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	146
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

F:\P\102\1021\1021_30W-SMS2C.dgn 5/28/08

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 DATE _____
 BY _____
 FINL. SURVEY PLOTTED
 NOTE BOOK NO. _____
 DATE _____
 BY _____

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 DATE _____
 BY _____
 FINL. SURVEY PLOTTED
 NOTE BOOK NO. _____
 DATE _____
 BY _____



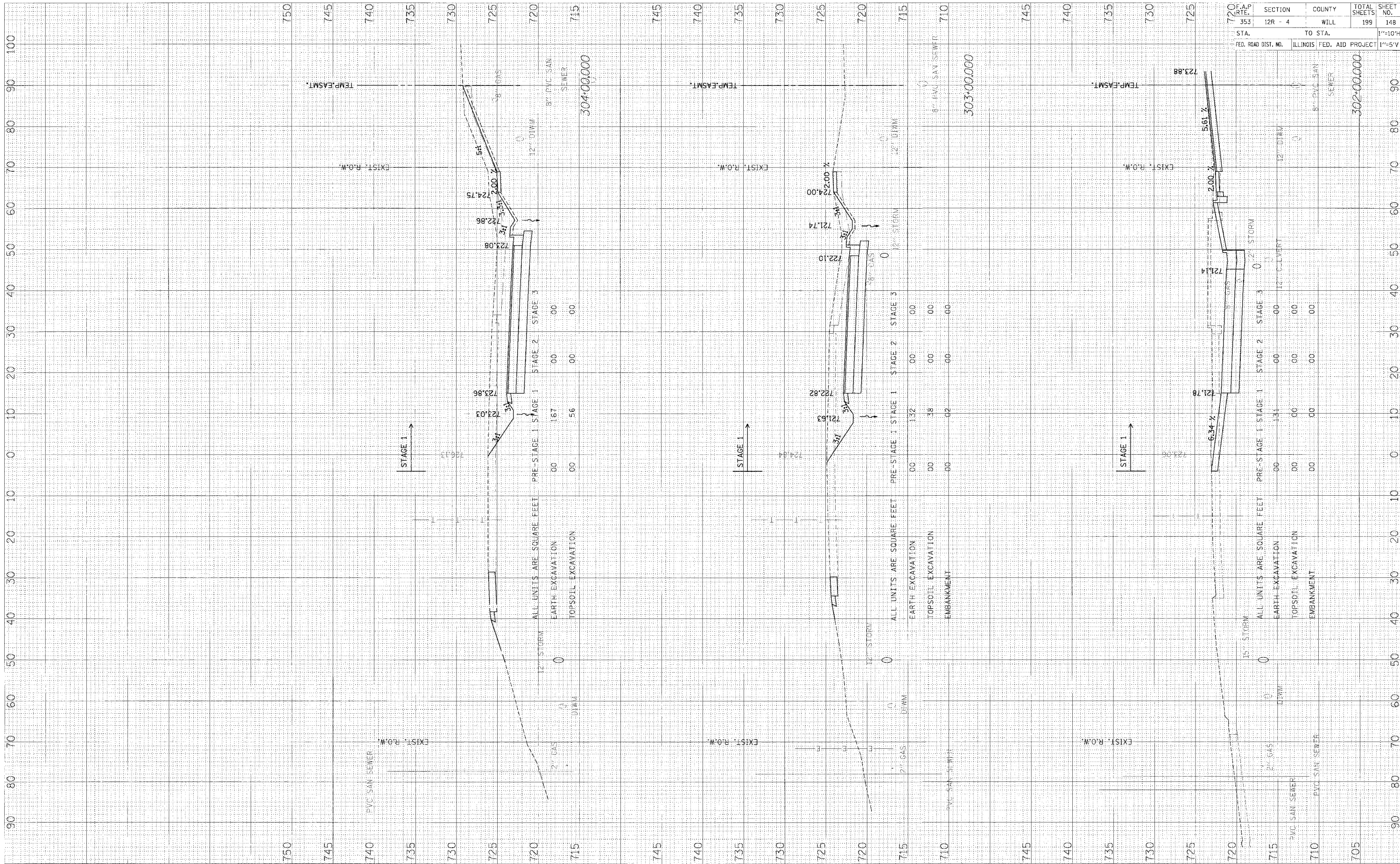
US ROUTE 30 - STAGE 1 X-SECS

STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 147
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=10'H 1"=5'V	

300+00.000
 299+00.000

FINAL SURVEY	DATE
REVISION	BY
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPERATURE
NO.	DATE

ORIGINAL SURVEY	DATE
REVISION	BY
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPERATURE
NO.	DATE

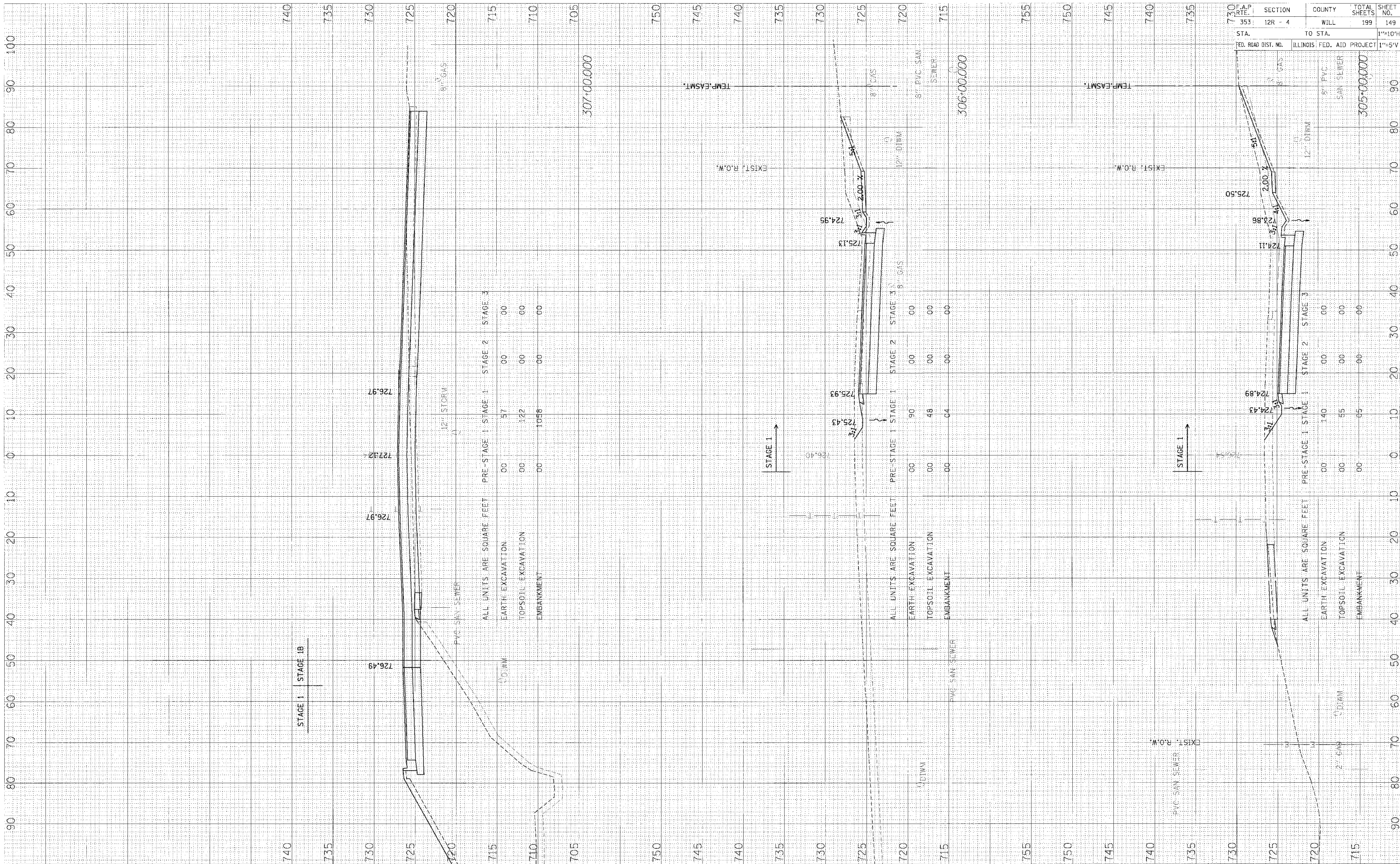


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	148
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'-5"V	

REV-30P2-Wof-F-11-131W-SWSE-10p-1/28/2008

FINAL SURVEY NOTE BOOK NO. BY DATE

ORIGINAL SURVEY NOTE BOOK NO. BY DATE

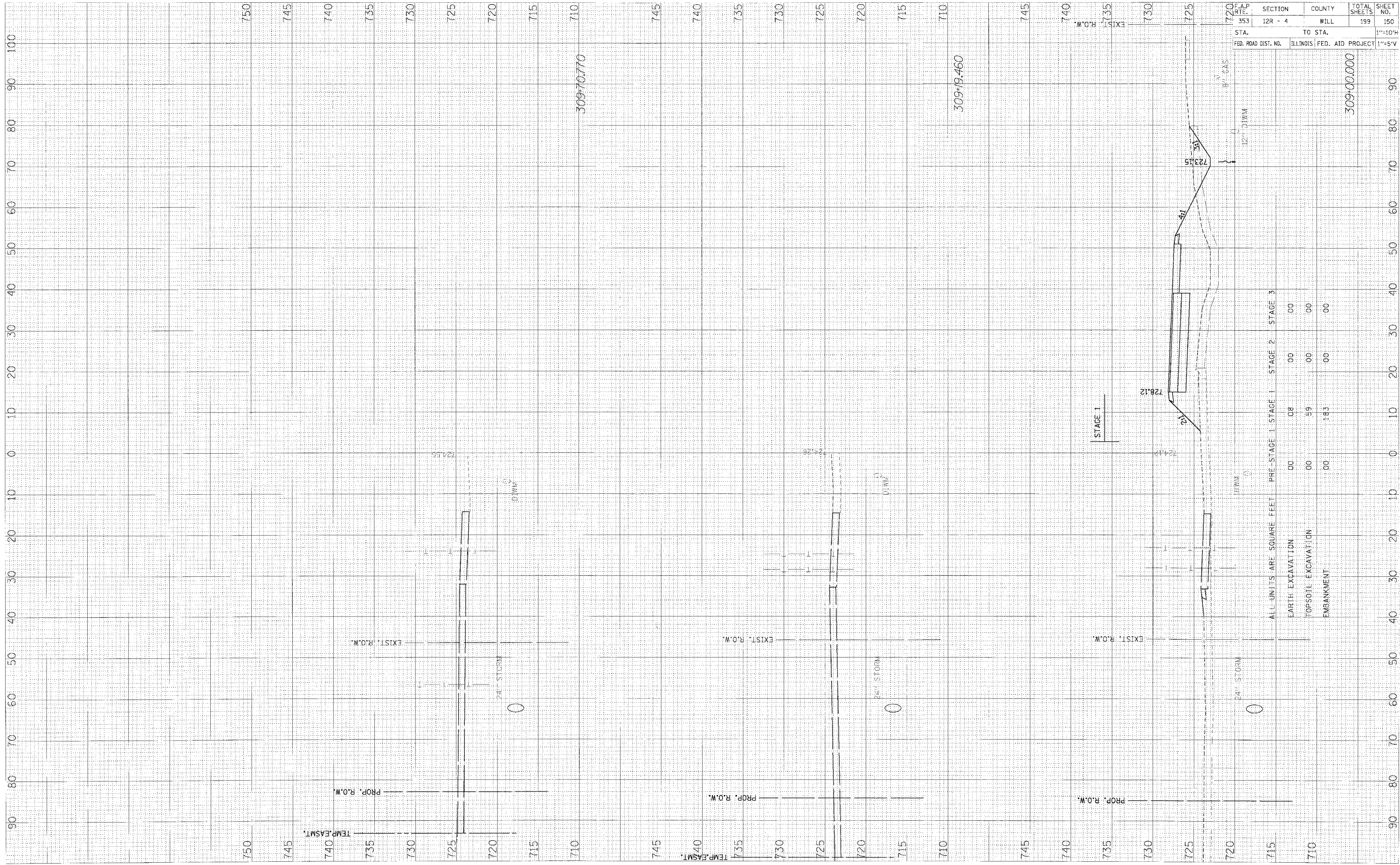


US ROUTE 30 - STAGE 1 X-SECS

5/1/2012 10:21 AM J:\06P-SKSEC.dwg 5/28/2009

ORIGINAL SURVEY PLOTTED DATE
 SURVEY PLOTTED DATE
 NOTE BOOK NO. ASKAS CHECKED
 BY DATE

ORIGINAL SURVEY PLOTTED DATE
 SURVEY PLOTTED DATE
 NOTE BOOK NO. ASKAS CHECKED
 BY DATE



US ROUTE 30 - STAGE 1 X-SECS

F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 150
STA. TO STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

ALL UNITS ARE SQUARE FEET

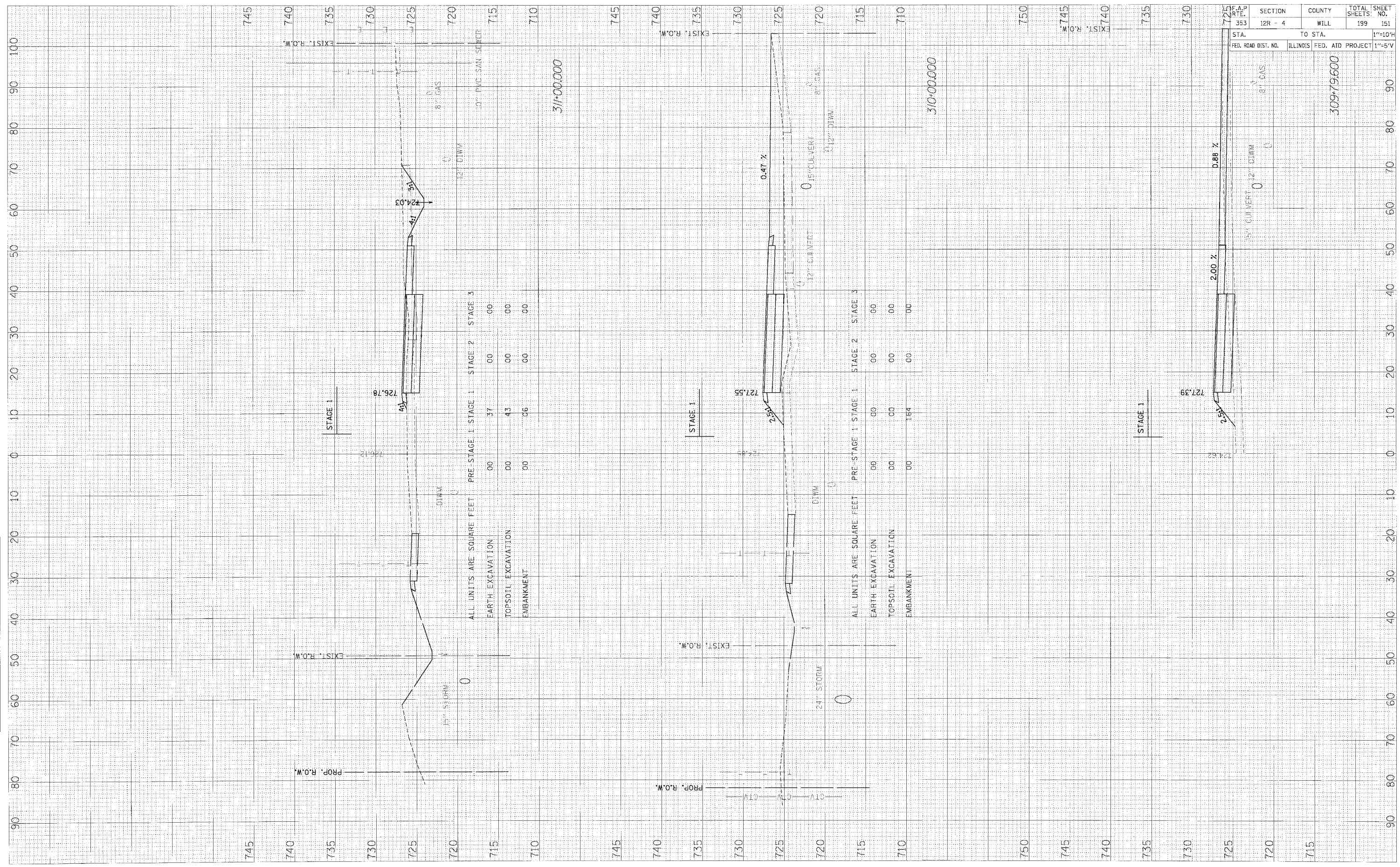
	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	08	00	00
TOPSOIL EXCAVATION	00	59	00	00
EMBANKMENT	00	183	00	00

309+00.000

8/11/18

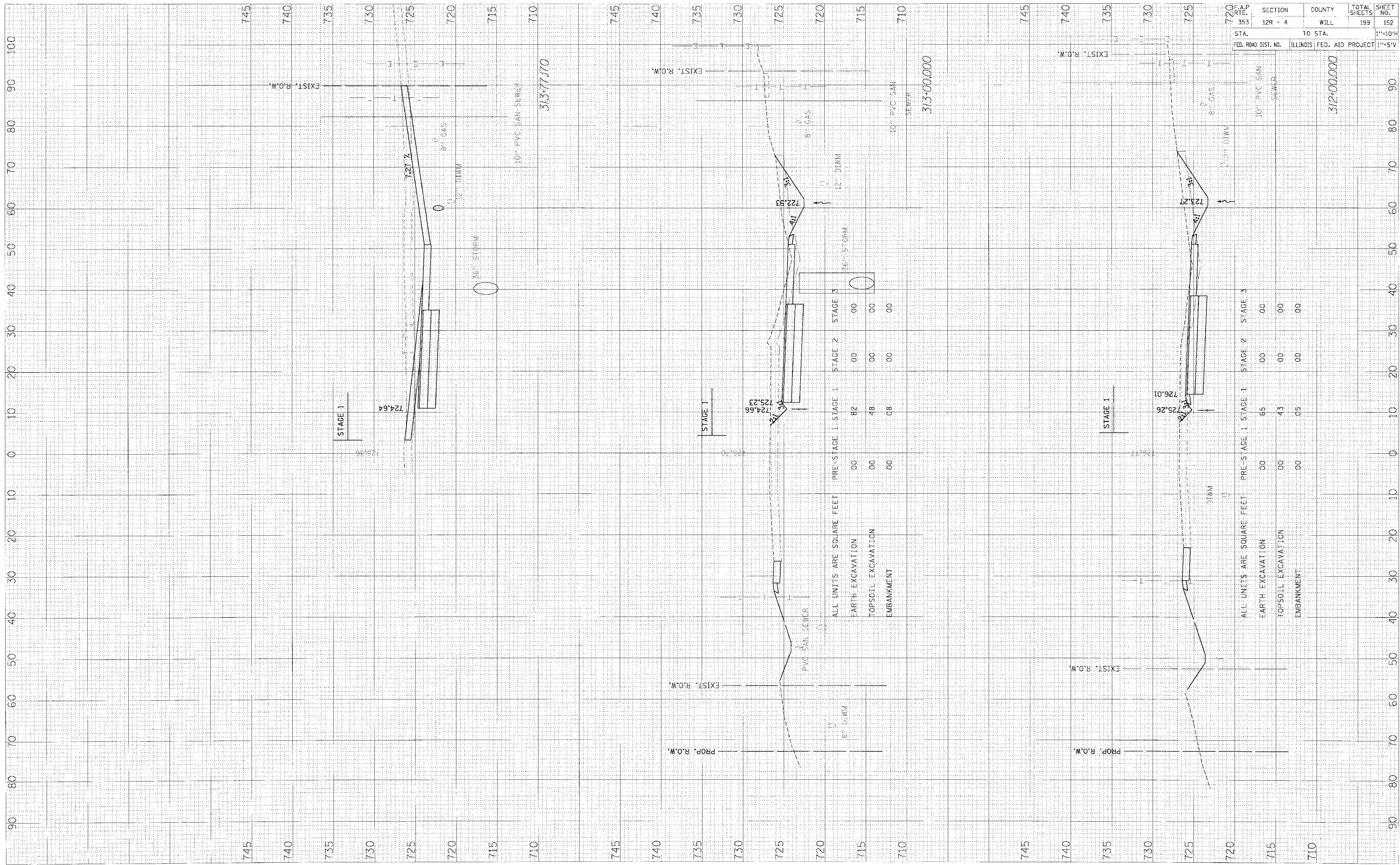
TRK SURVEYED BY DATE
 SURVEYED BY DATE
 TEMPLATE AREAS CHECKED
 NOTE BOOK AREAS CHECKED
 REV.

ORIGINAL SURVEYED BY DATE
 SURVEYED BY DATE
 TEMPLATE AREAS CHECKED
 NOTE BOOK AREAS CHECKED
 REV.



F. M.L. SURVEYED
 SHEET PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

ORIGINAL SURVEY
 SHEET PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED



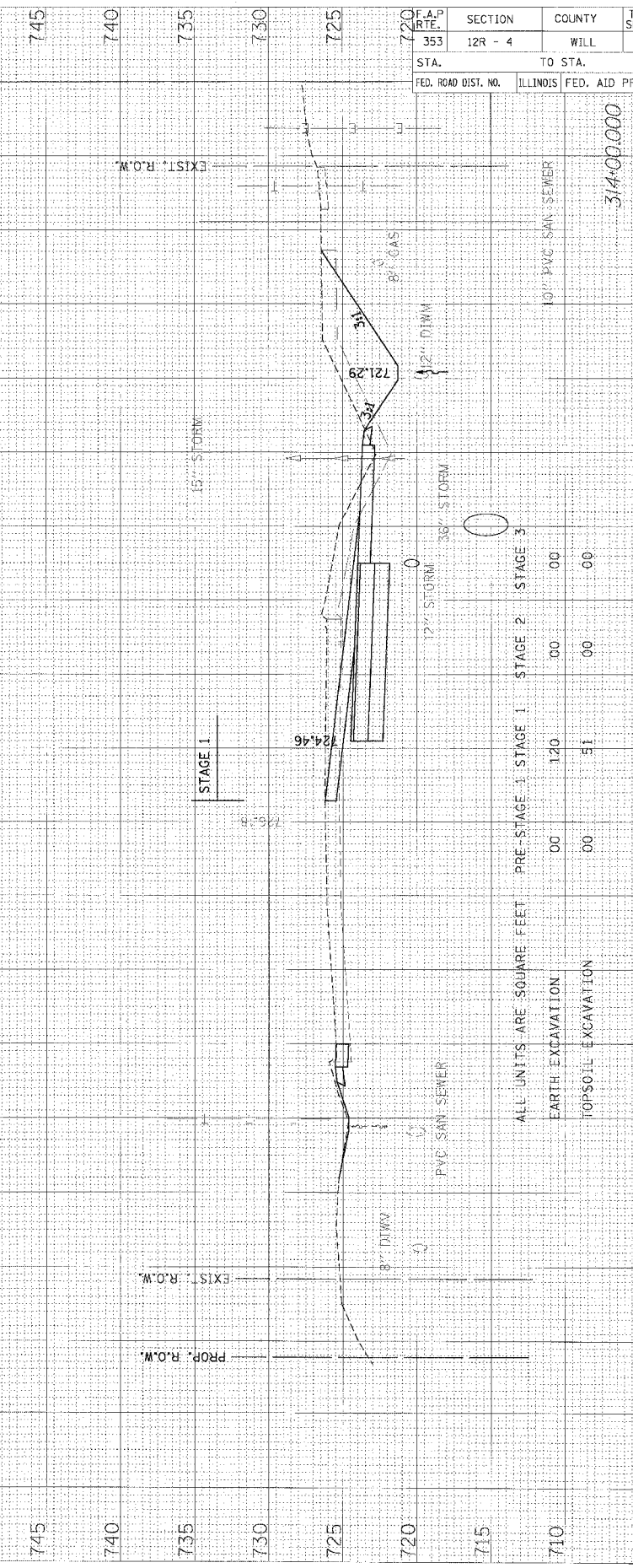
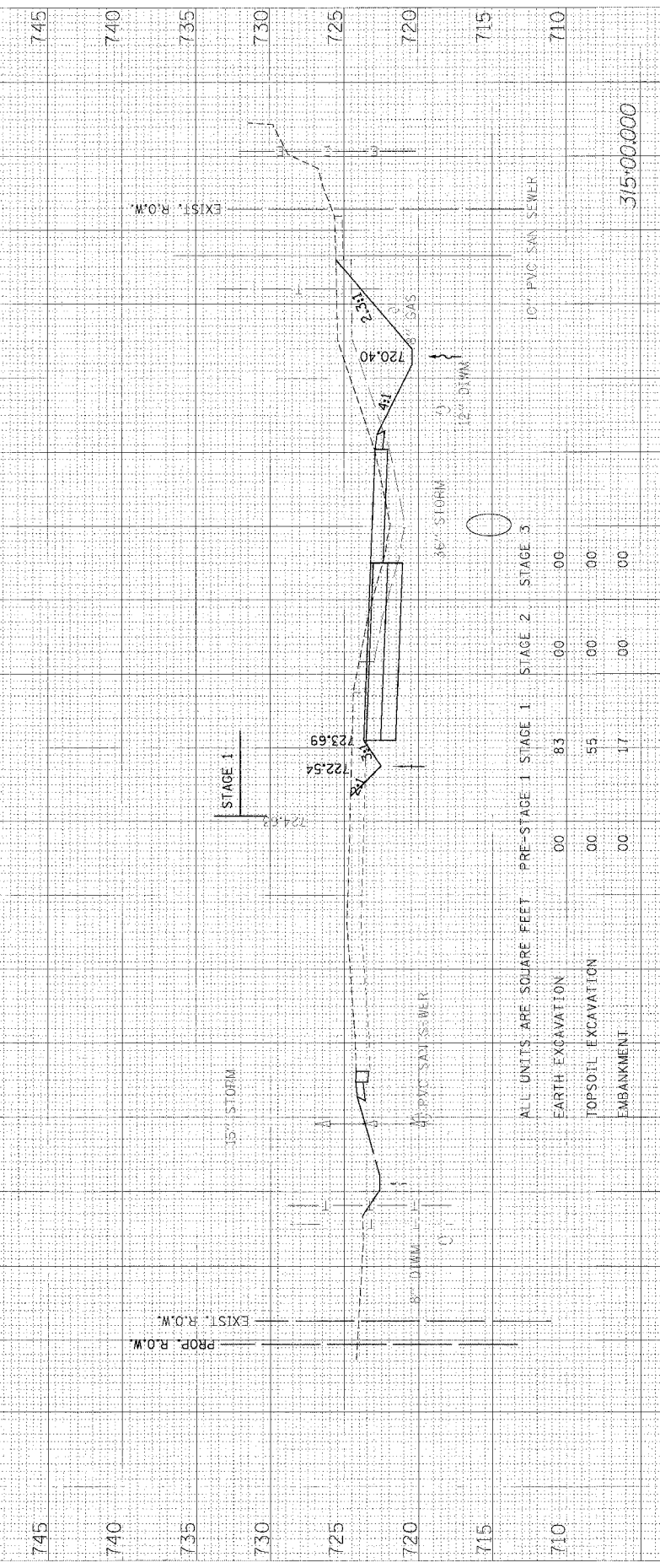
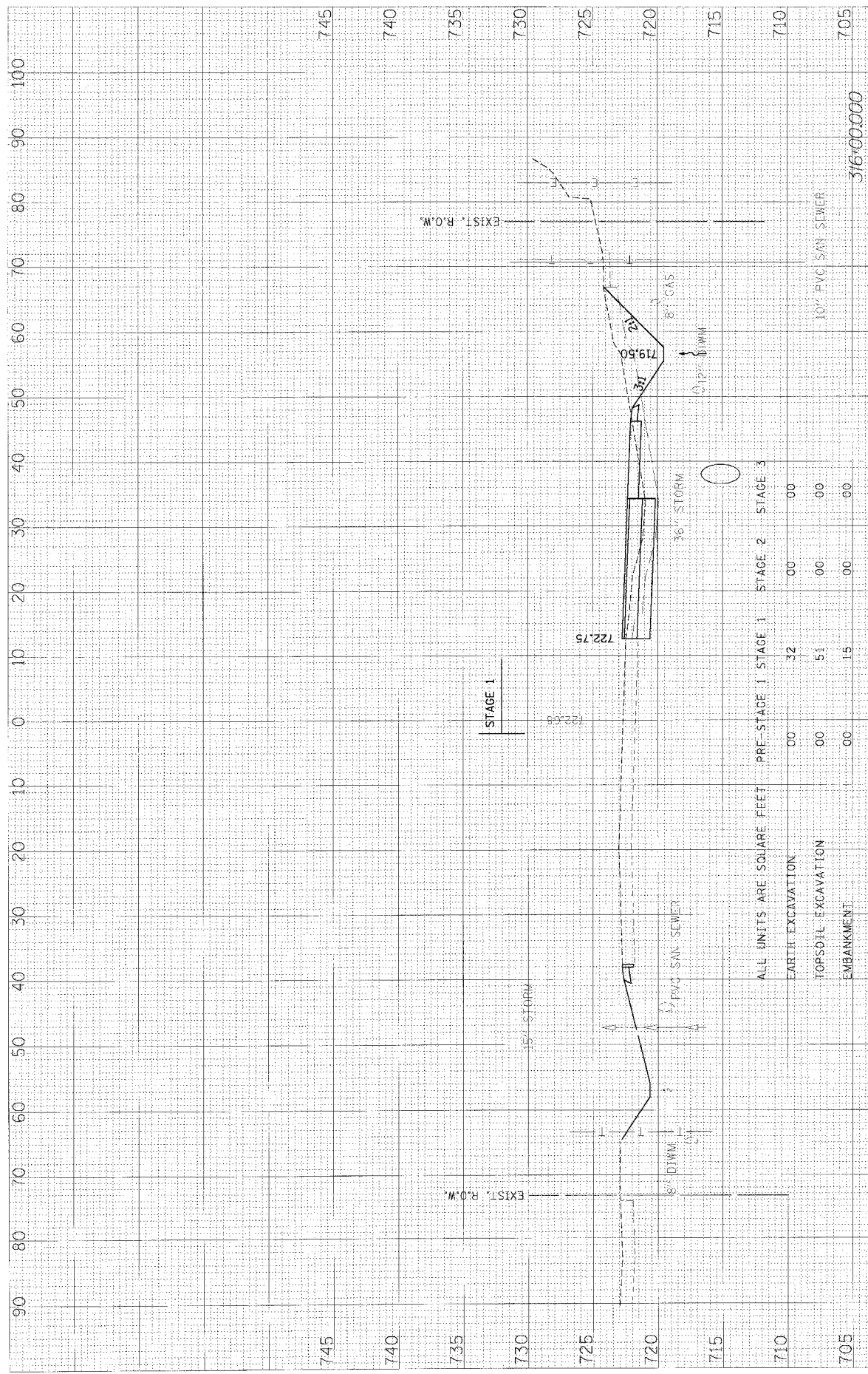
US ROUTE 30 - STAGE 1 X-SECS

F.A.P. RATE 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 152
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

FILES NOTES

ORIGIN	DATE
SURVEY	BY
PLOTTED	DATE
TEMPLATE	
NOTE BOOK	
NO.	AREAS CHECKED

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



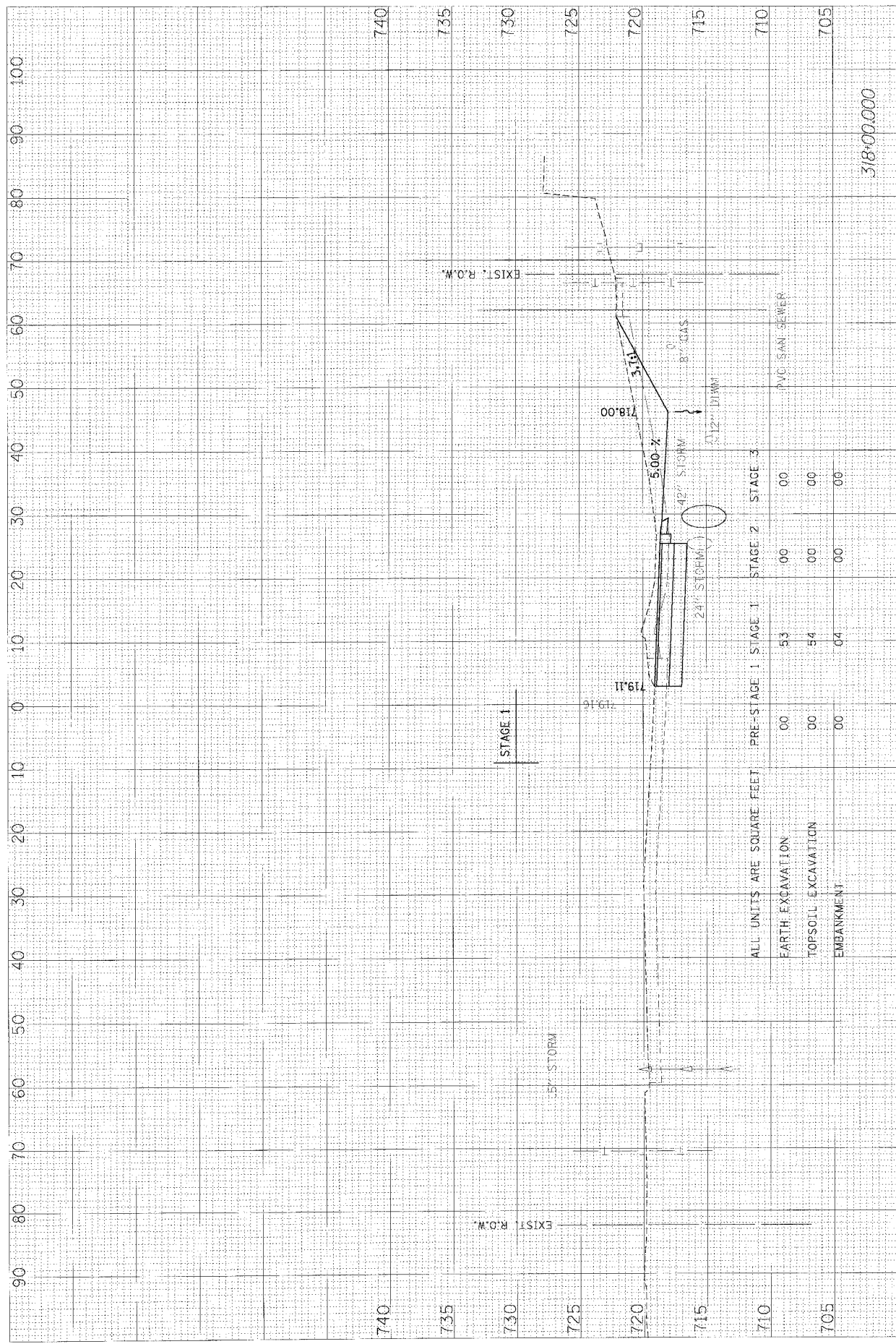
US ROUTE 30 - STAGE 1 X-SECS

F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 153
STA. TO STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

DATE

FINAL SURVEY PLOTTED
 NOTE BOOK NO. 101
 AREAS CHECKED

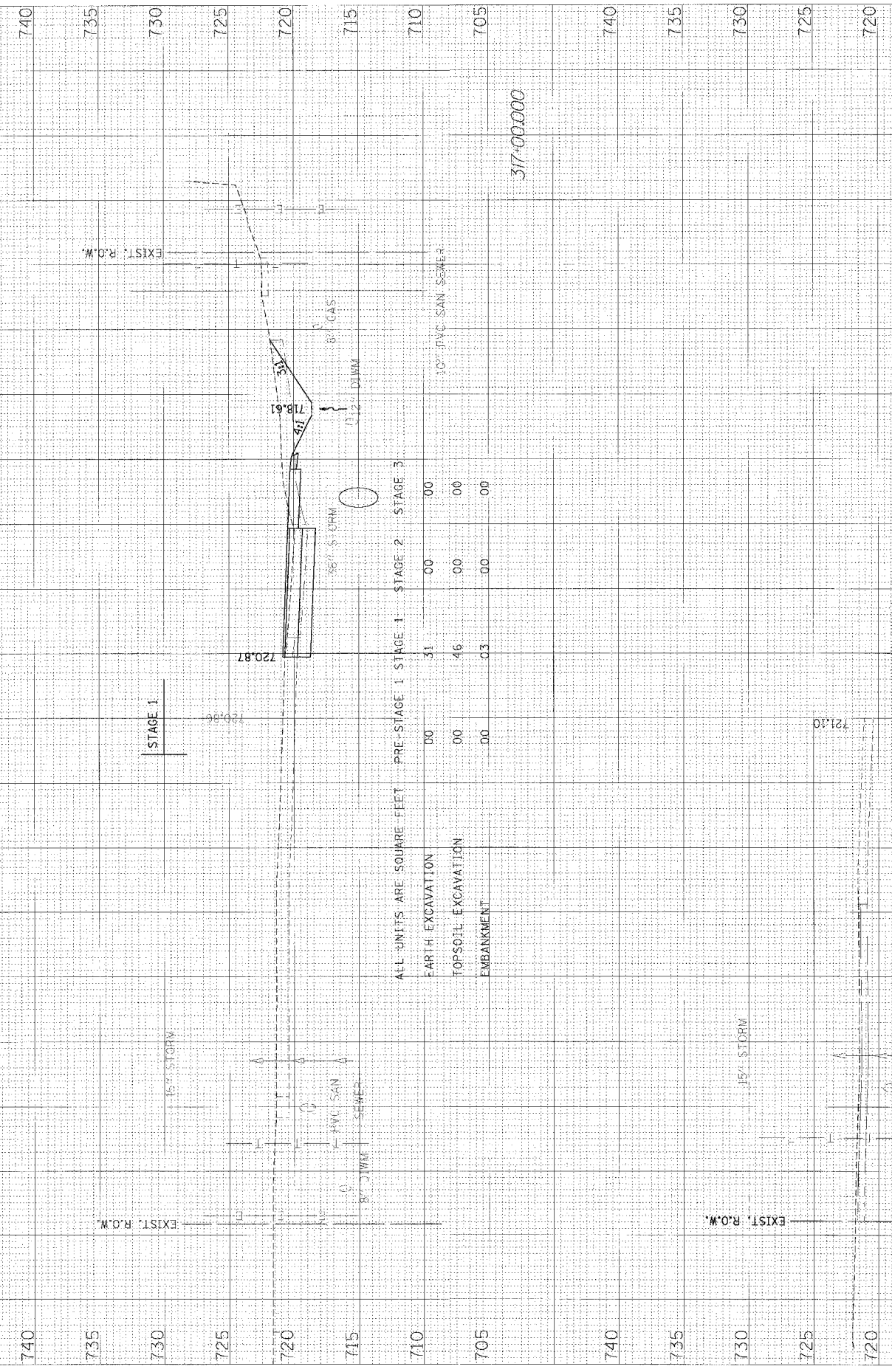
ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. 101
 AREAS CHECKED



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	53	00	00
TOPSOIL EXCAVATION	00	54	00	00
EMBANKMENT	00	04	00	00

318+00.000



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	31	00	00
TOPSOIL EXCAVATION	00	46	00	00
EMBANKMENT	00	03	00	00

317+00.000

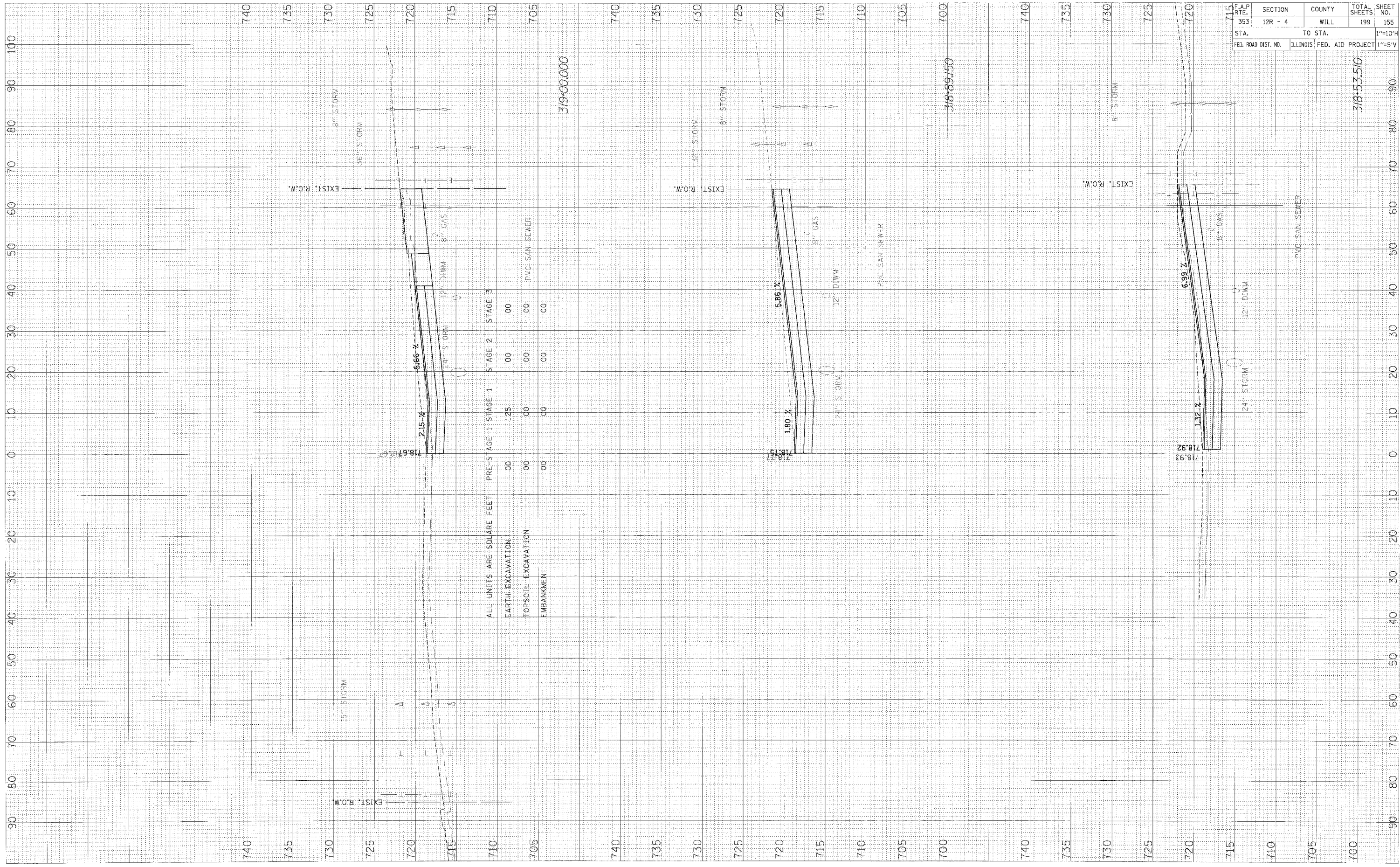
F.A.P. NO. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 154
STA. 315	TO STA. 317		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

316+83.420

ORIGINAL SURVEY
NO. 1 - BOOK
NO.

FINAL SURVEY
NO. 2 - BOOK
NO.

DATE
BY



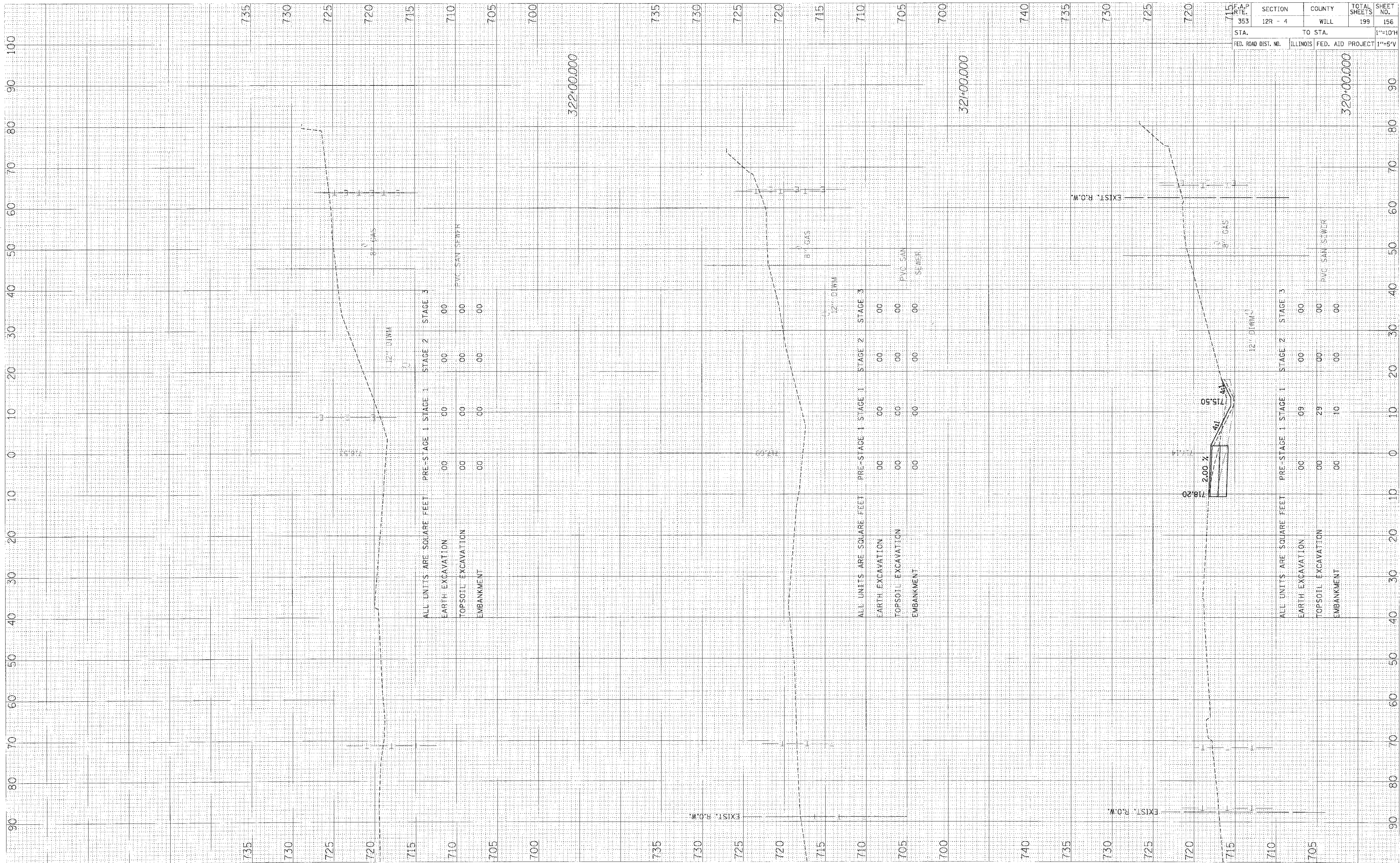
ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	125	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	155
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

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

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



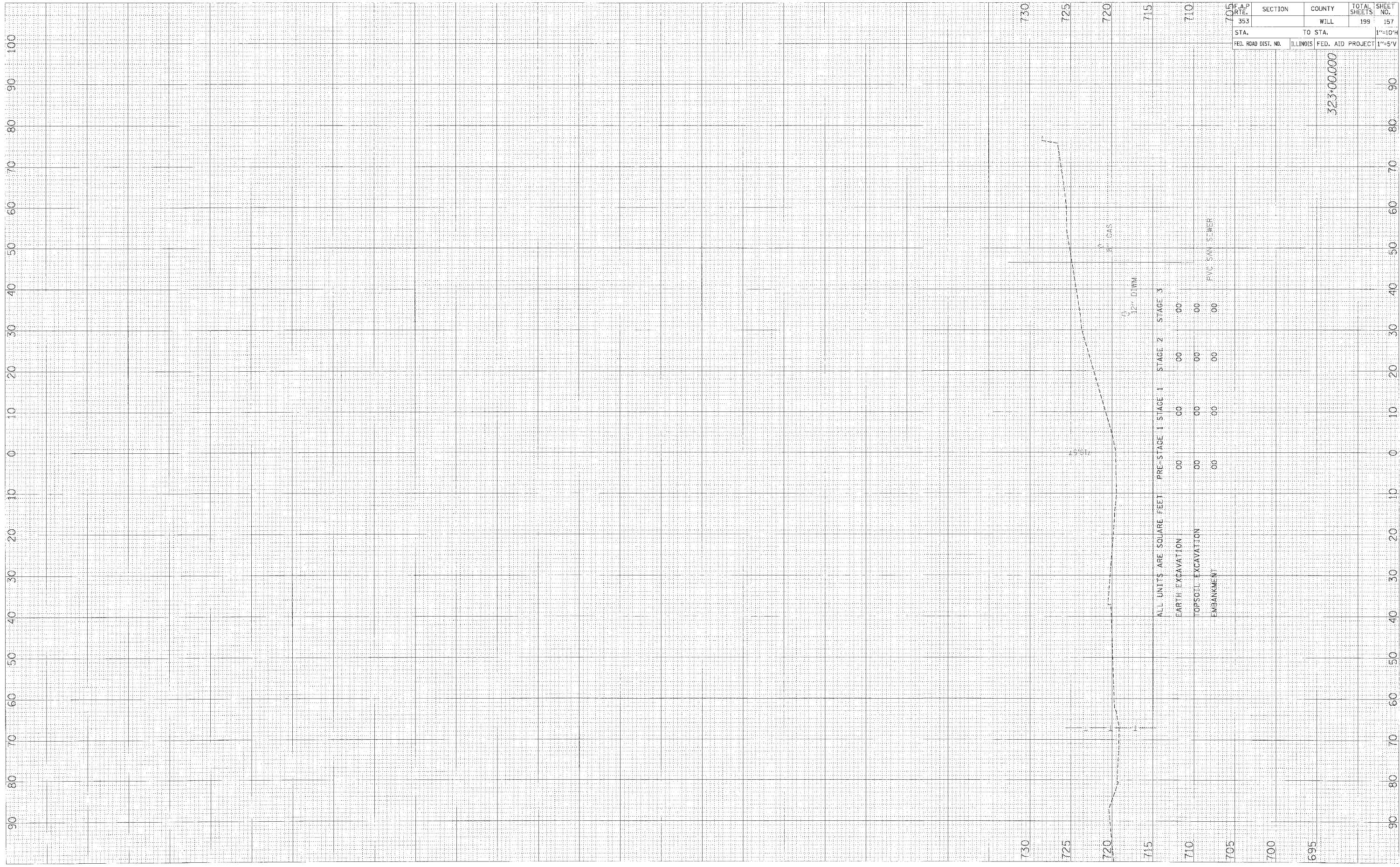
F.A.P. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	156
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

US ROUTE 30 - STAGE 1 X-SECS

STATES

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

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



ALL UNITS ARE SQUARE FEET	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

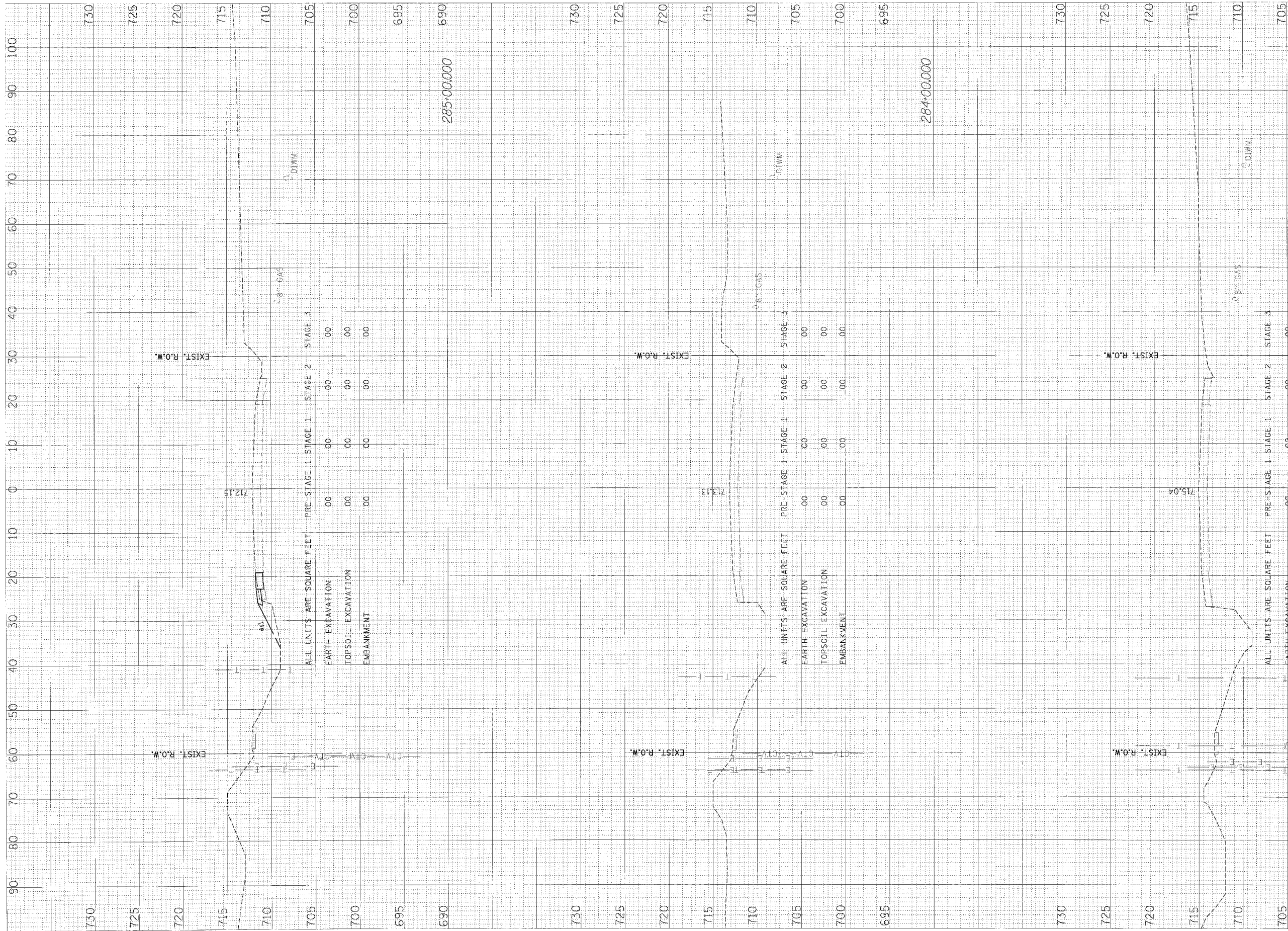
PVC SAN SEWER

F.A.P. RTE. 353	SECTION	COUNTY	TOTAL SHEETS 199	SHEET NO. 157
STA. TO STA.	WILL			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=10'H	
			1"=5'V	

323+00.000

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	APAS		
	APAS CHECKED		

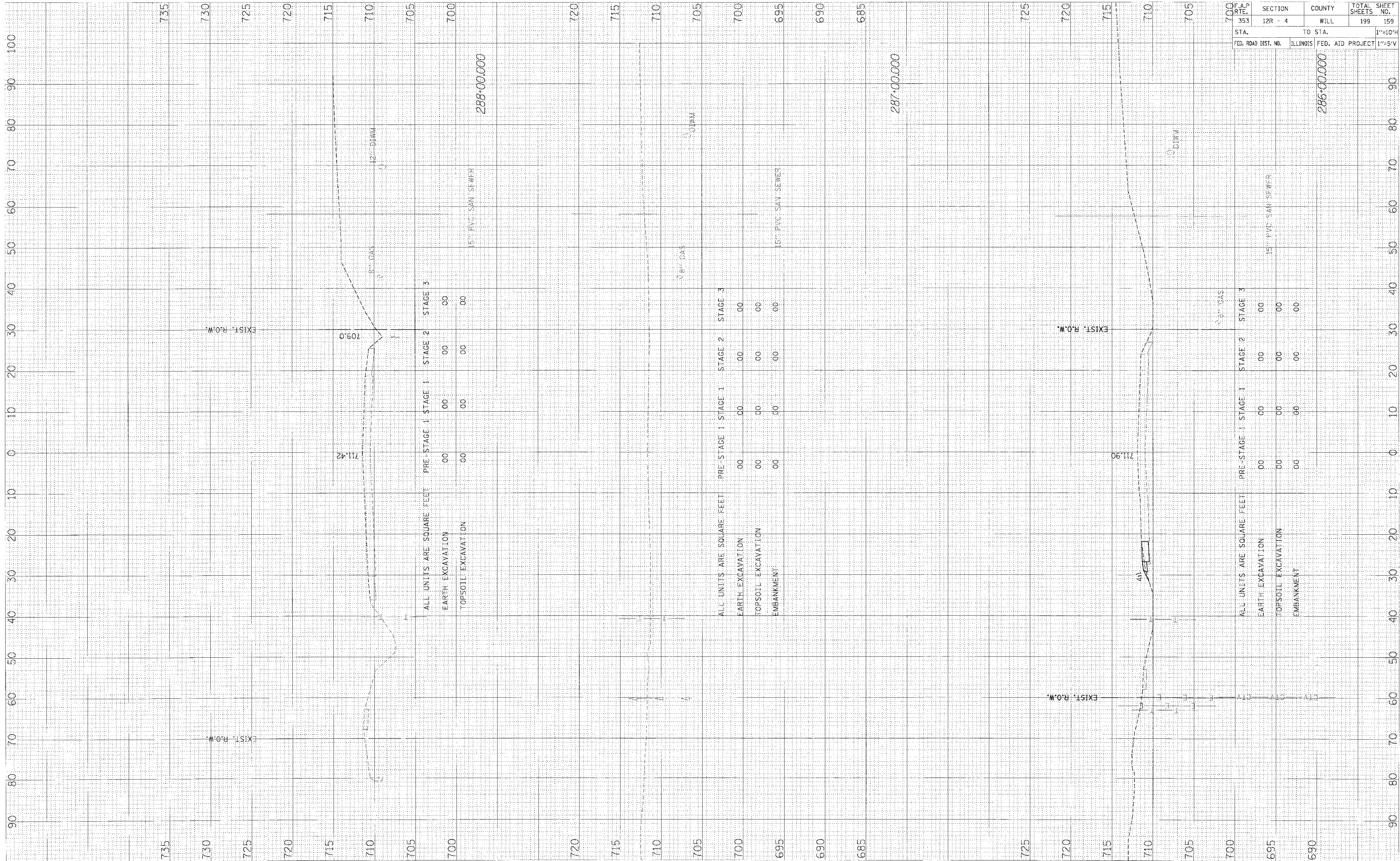
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	APAS		
	APAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	158
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

FINAL SERIES	SURVEY NO. 1111	DATE
NOTE BOOK	TEMP. P.T.	BY
NO.	AREAS CHECKED	

ORIGINAL SERIES	SURVEY NO. 1111	DATE
NOTE BOOK	TEMP. P.T.	BY
NO.	AREAS CHECKED	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12R - 4	WILL	199	159
STA. 353	TO STA.	1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V

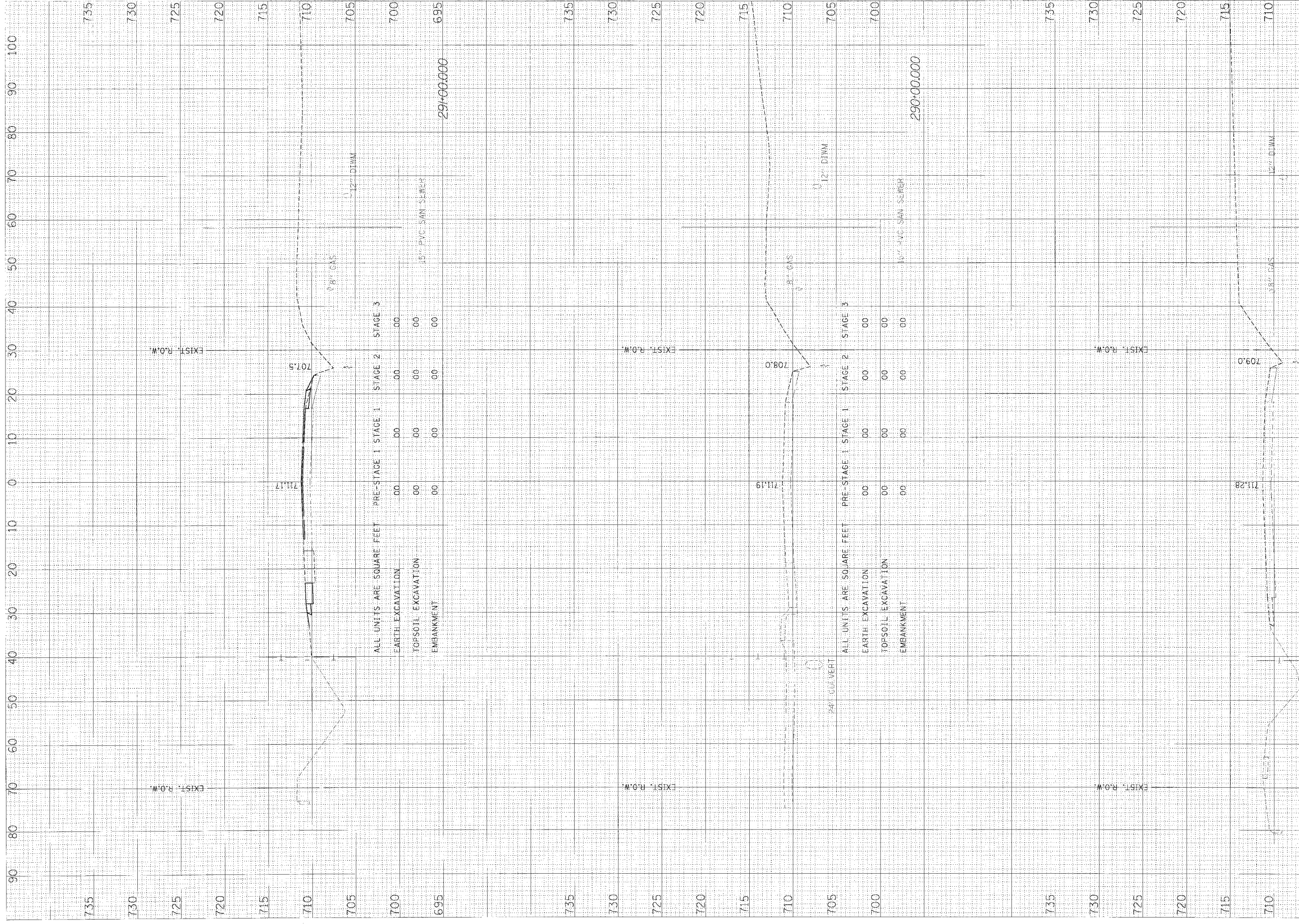
288'00.000

287'00.000

286'00.000

FINAL SURVEY
 NOTE BOOK NO. _____
 SURVEY NO. _____
 DATE _____

ORIGINAL SURVEY
 NOTE BOOK NO. _____
 SURVEY NO. _____
 DATE _____

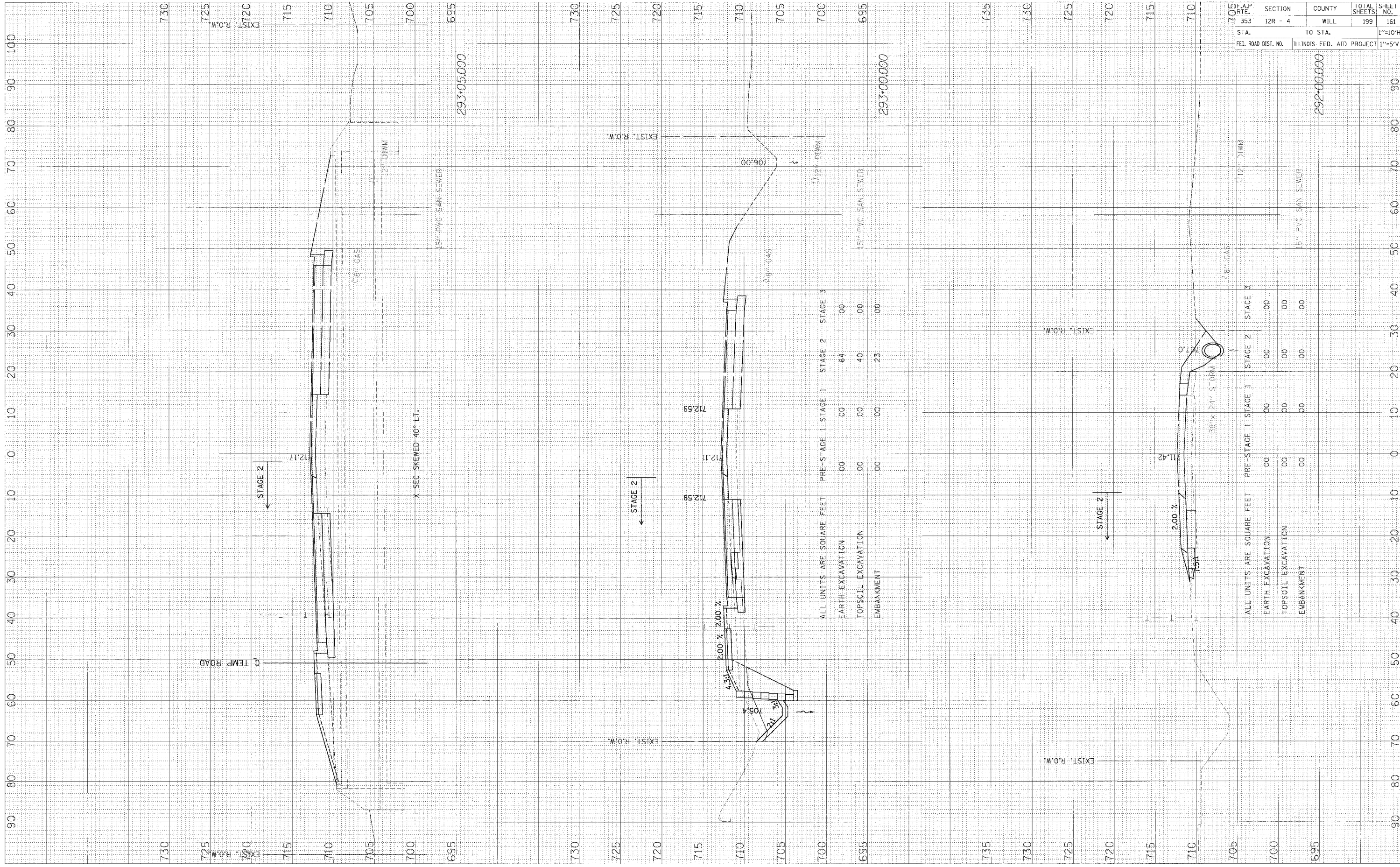


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	160
STA.	TO STA.			SCALE
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			1"=10'H 1"=5'V

705	700	695	291+00.000
705	700	695	290+00.000
705	700	695	289+00.000

FINAL SURVEY	REVISIONS	BY	DATE
NOTE BOOK	PLATE		
	TEMP. PLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	REVISIONS	BY	DATE
NOTE BOOK	PLATE		
	TEMP. PLATE		
	AREAS CHECKED		



705	F.A.P. DIST. NO.	353	SECTION	12R - 4	COUNTY	WILL.	TOTAL SHEETS	199	SHEET NO.	161
	STA.				TO STA.					1"=10'H
	FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT					1"=5'V

ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	64	00
TOPSOIL EXCAVATION	00	00	40	00
EMBANKMENT	00	00	23	00

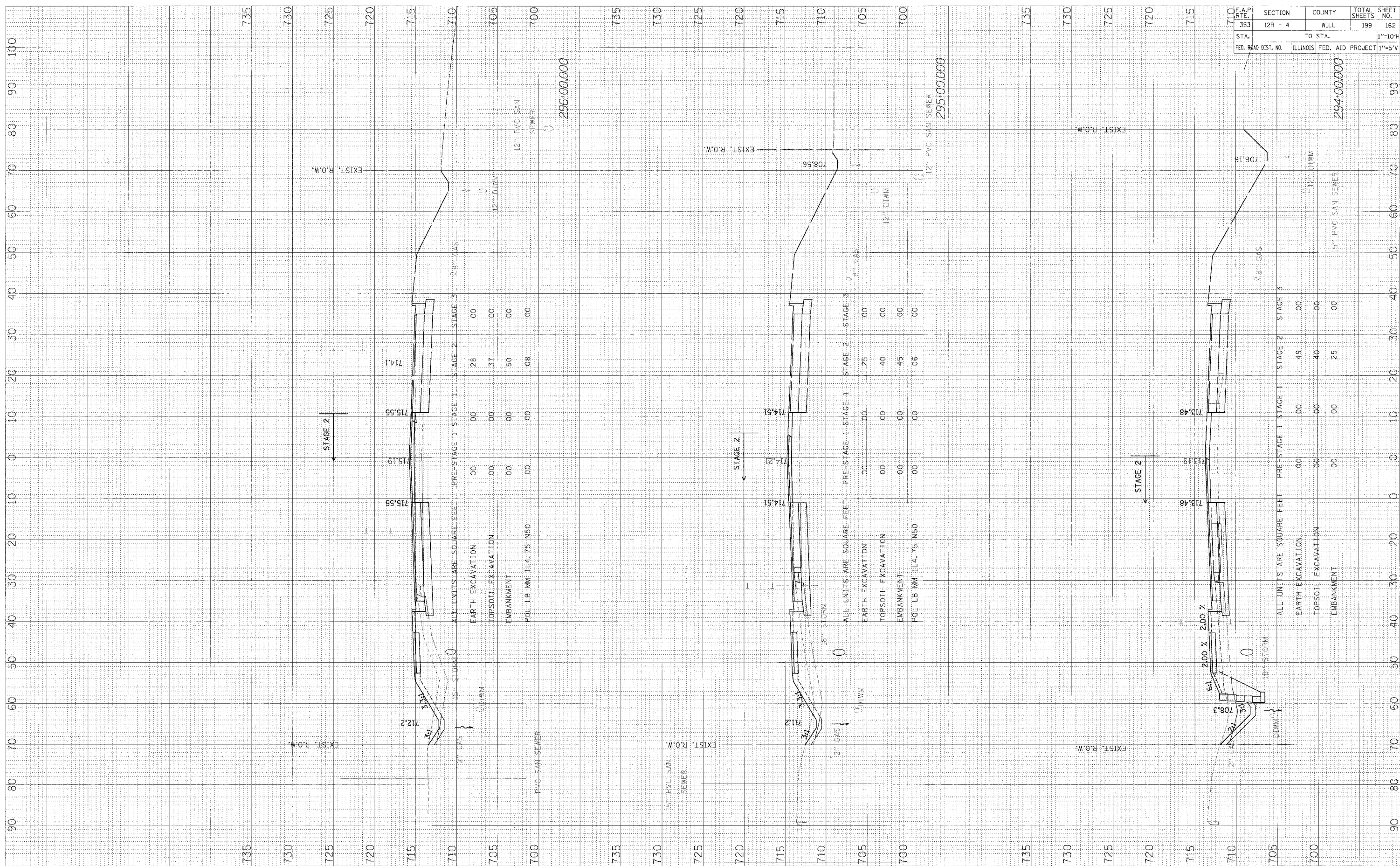
ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

5-V-2012 Work_111_50W-2XSEC-gp5/28/2008

FINAL SURVEY	DATE
REVISIONS	BY
NO. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
REVISIONS	BY
NO. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



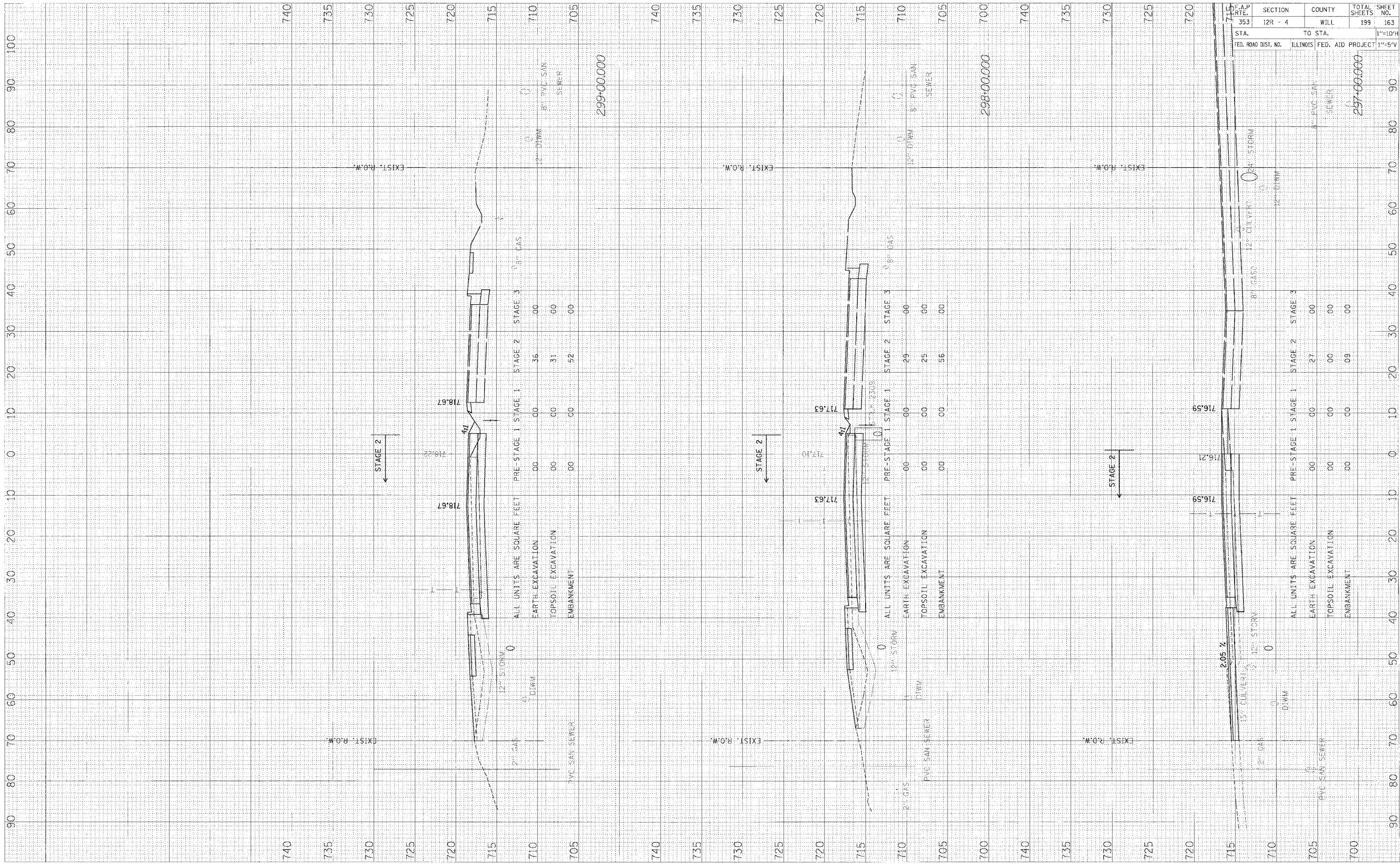
C.A.P. STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 162
FED. ROAD DIST. NO. ILLINOIS	TO STA.	FED. AID PROJECT	1"=10'H	
				1"=5'V

US ROUTE 30 - STAGE 2 X-SECS

FILE:3071.Wg1.Plt 304*527E.dgn 5/29/2006

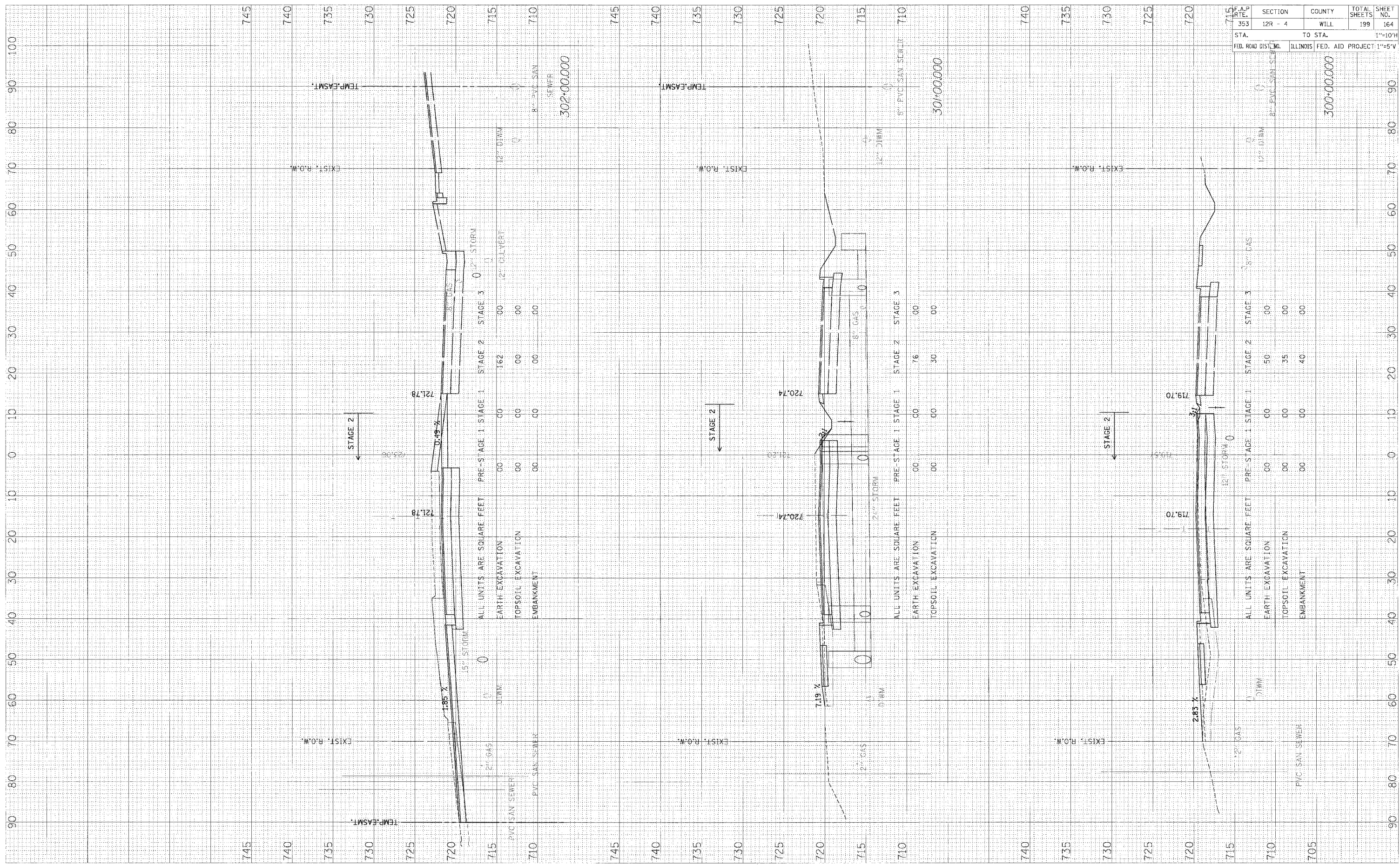
ORIGINAL	DATE
SURVEY	BY
PLotted	
NOTE BOOK	
AREAS CHECKED	

FINAL	DATE
5/1/11	BY
PLotted	
NOTE BOOK	
AREAS CHECKED	



FINAL	SURVEY	DATE
NO. 1	NO. 1	NO. 1
NO. 2	NO. 2	NO. 2
NO. 3	NO. 3	NO. 3
NO. 4	NO. 4	NO. 4
NO. 5	NO. 5	NO. 5
NO. 6	NO. 6	NO. 6
NO. 7	NO. 7	NO. 7
NO. 8	NO. 8	NO. 8
NO. 9	NO. 9	NO. 9
NO. 10	NO. 10	NO. 10

ORIGINAL	SURVEY	DATE
NO. 1	NO. 1	NO. 1
NO. 2	NO. 2	NO. 2
NO. 3	NO. 3	NO. 3
NO. 4	NO. 4	NO. 4
NO. 5	NO. 5	NO. 5
NO. 6	NO. 6	NO. 6
NO. 7	NO. 7	NO. 7
NO. 8	NO. 8	NO. 8
NO. 9	NO. 9	NO. 9
NO. 10	NO. 10	NO. 10



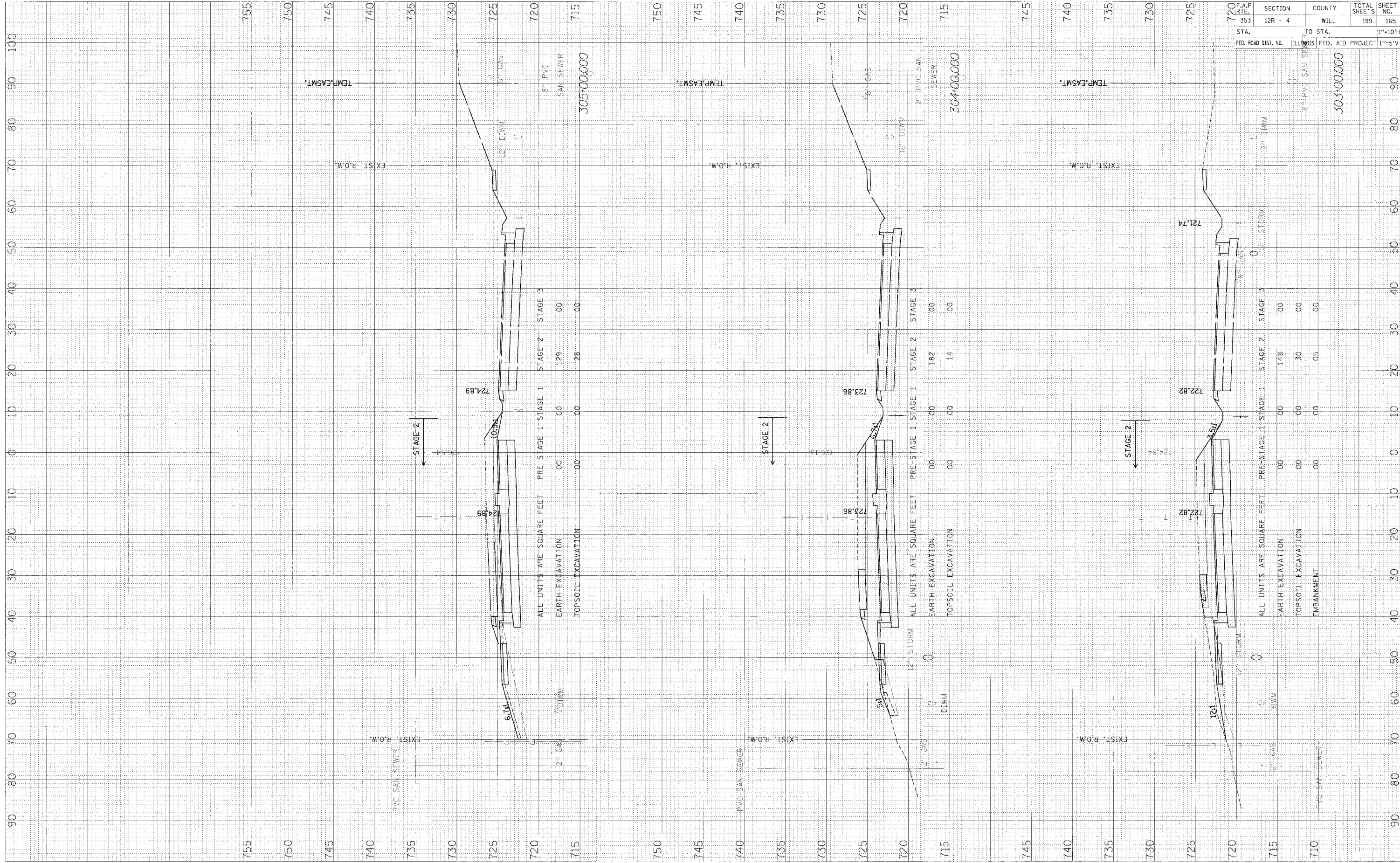
US ROUTE 30 - STAGE 2 X-SECS

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	164
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

511-DIP-Work-1111-30P-62SEC-10mb/28/2008

DATE	BY
REVISION	BY
NO. 1	DATE
NO. 2	DATE
NO. 3	DATE
NO. 4	DATE
NO. 5	DATE
NO. 6	DATE
NO. 7	DATE
NO. 8	DATE
NO. 9	DATE
NO. 10	DATE

DATE	BY
REVISION	BY
NO. 1	DATE
NO. 2	DATE
NO. 3	DATE
NO. 4	DATE
NO. 5	DATE
NO. 6	DATE
NO. 7	DATE
NO. 8	DATE
NO. 9	DATE
NO. 10	DATE



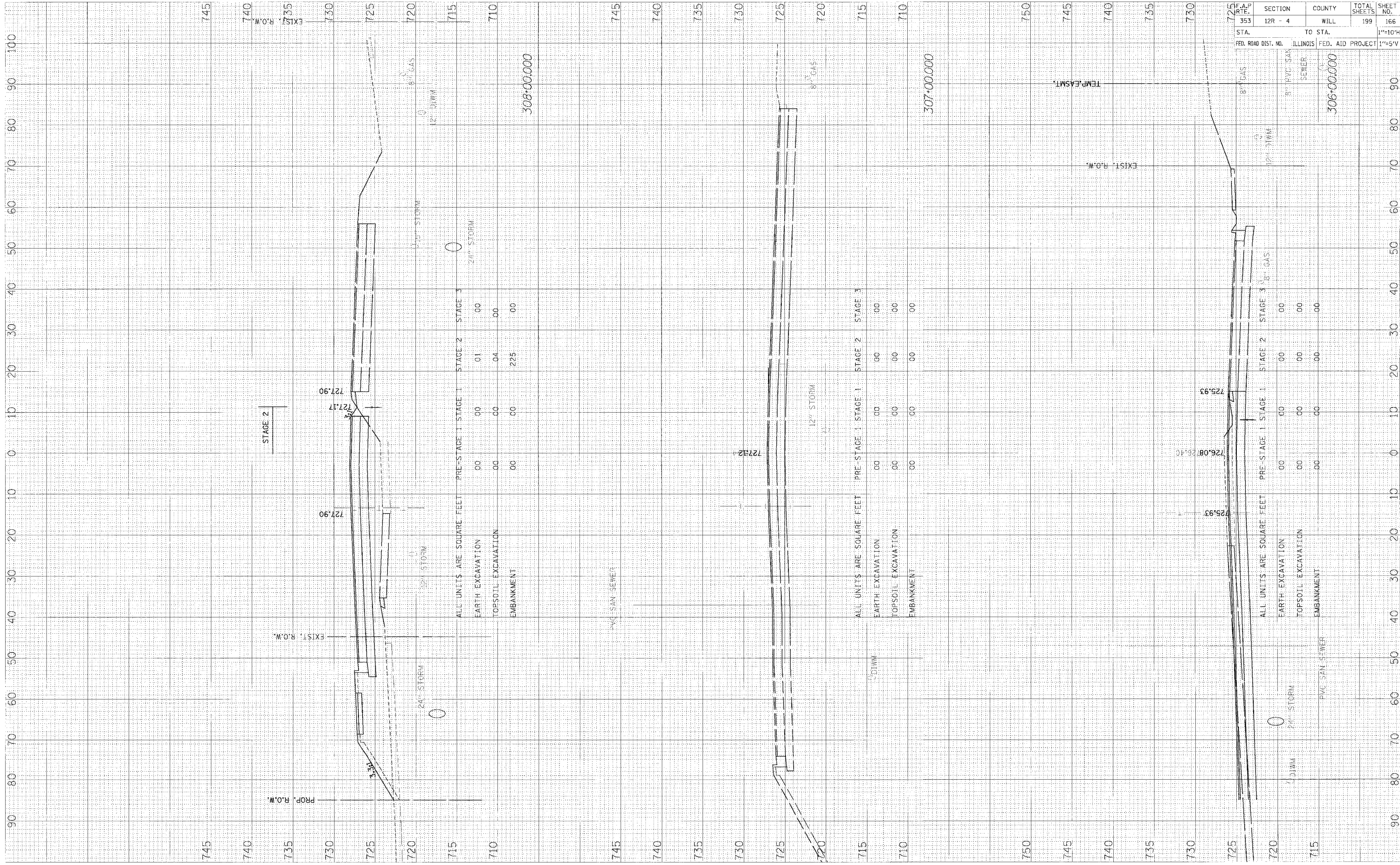
US ROUTE 30 - STAGE 2 X-SECS

F.A.P. RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	165
STA.	TO STA.	FED. AID PROJECT	1"=10'H	
FED. ROAD DIST. NO.	ILL. DIST. NO.	FED. AID PROJECT	1"=5'V	

\\p01pa\proj\lin\30r-a2\SEC-draw\28\2008

ORIGINAL SURVEY	SUPERSEDED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

TITLE SURVEY	SUPERSEDED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



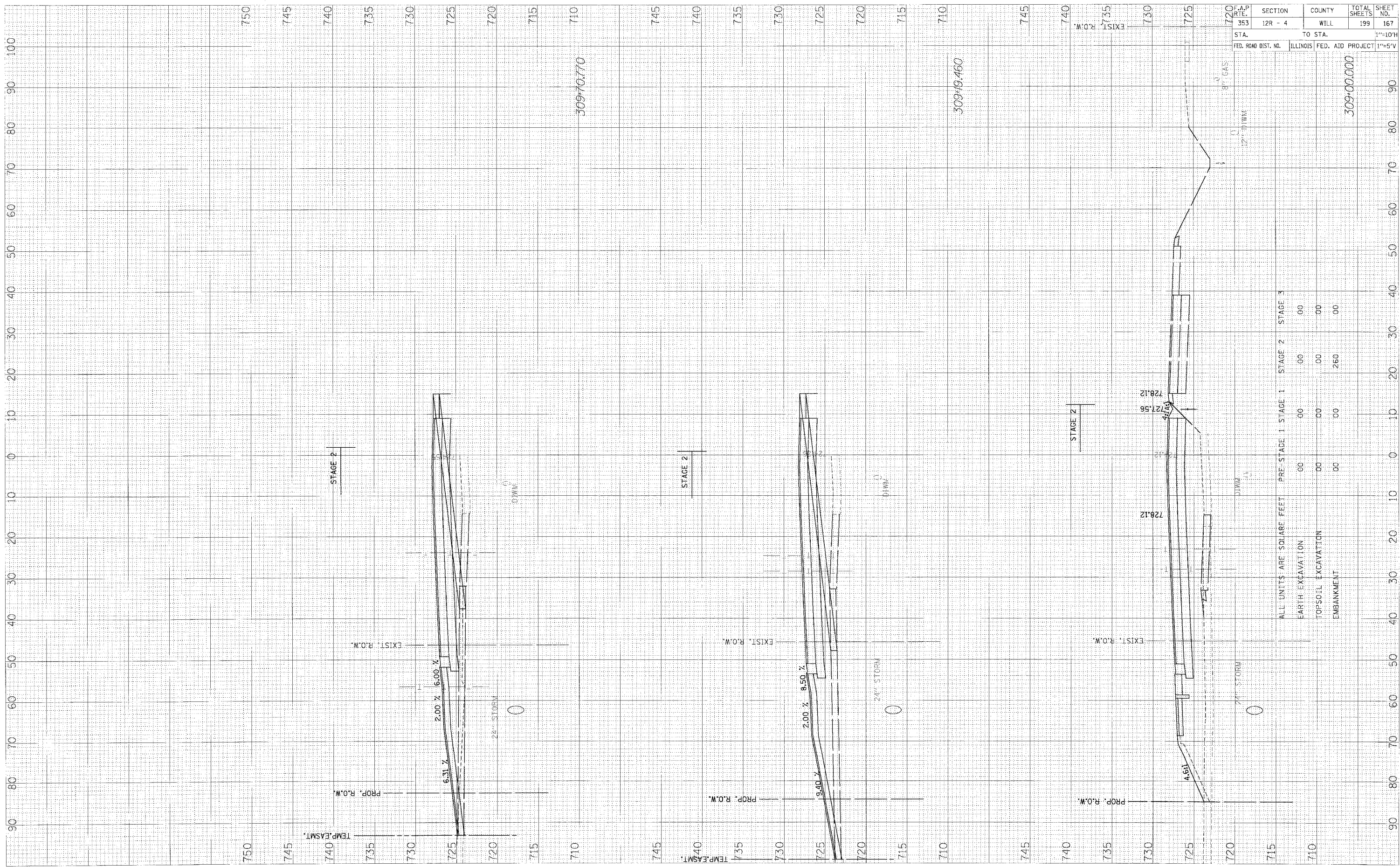
US ROUTE 30 - STAGE 2 X-SECS

STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 166
TO STA.		FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT
				1"=10'H
				1"=5'V

FSV-30723 Wpl. 1/13/04-SX2SEC.dwg/5/28/2008

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

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



US ROUTE 30 - STAGE 2 X-SECS

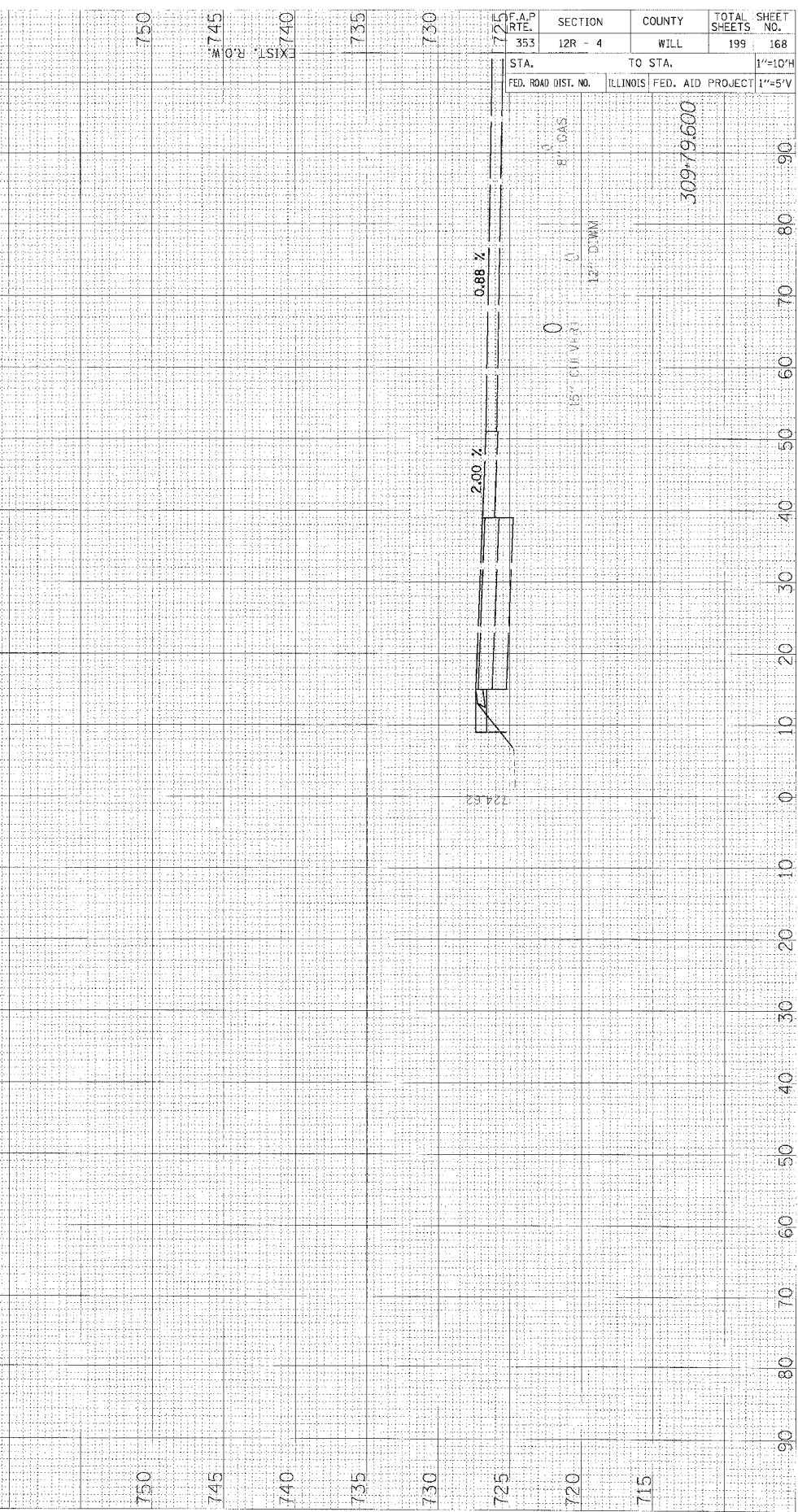
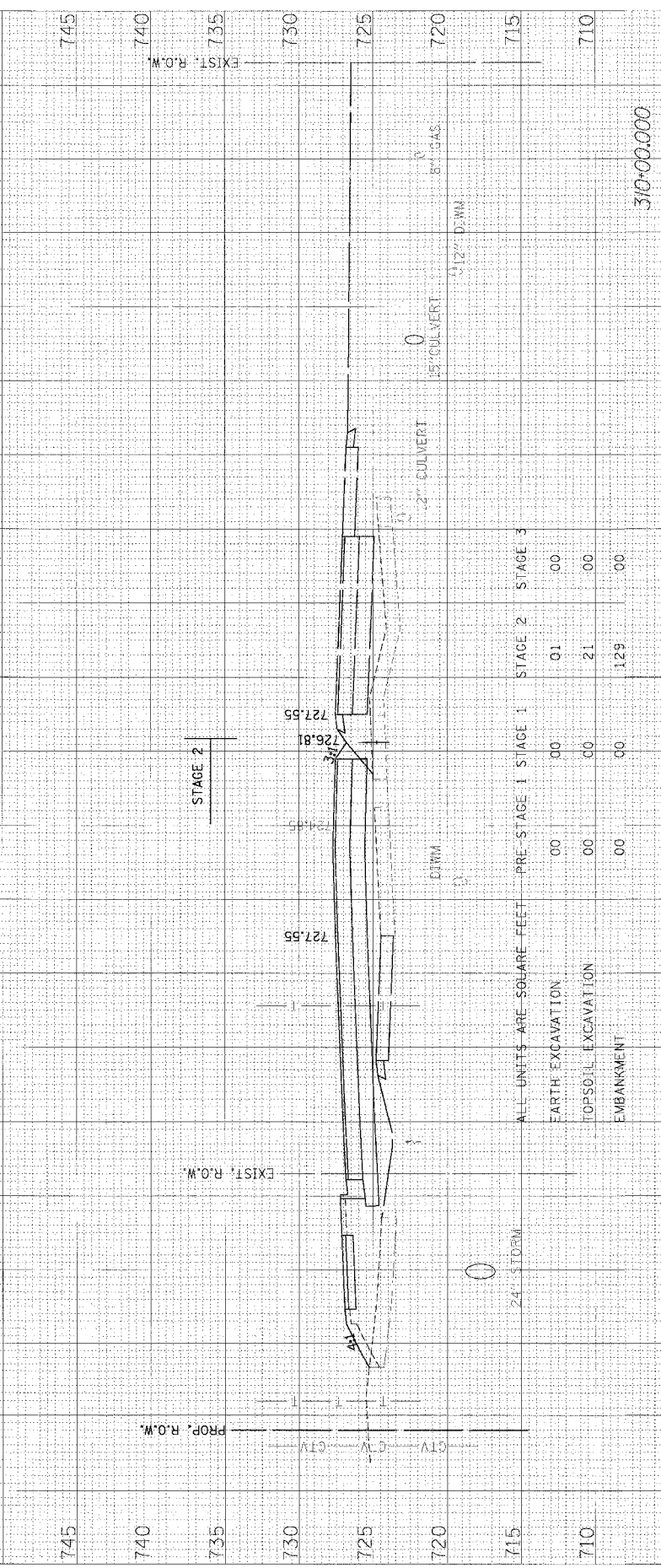
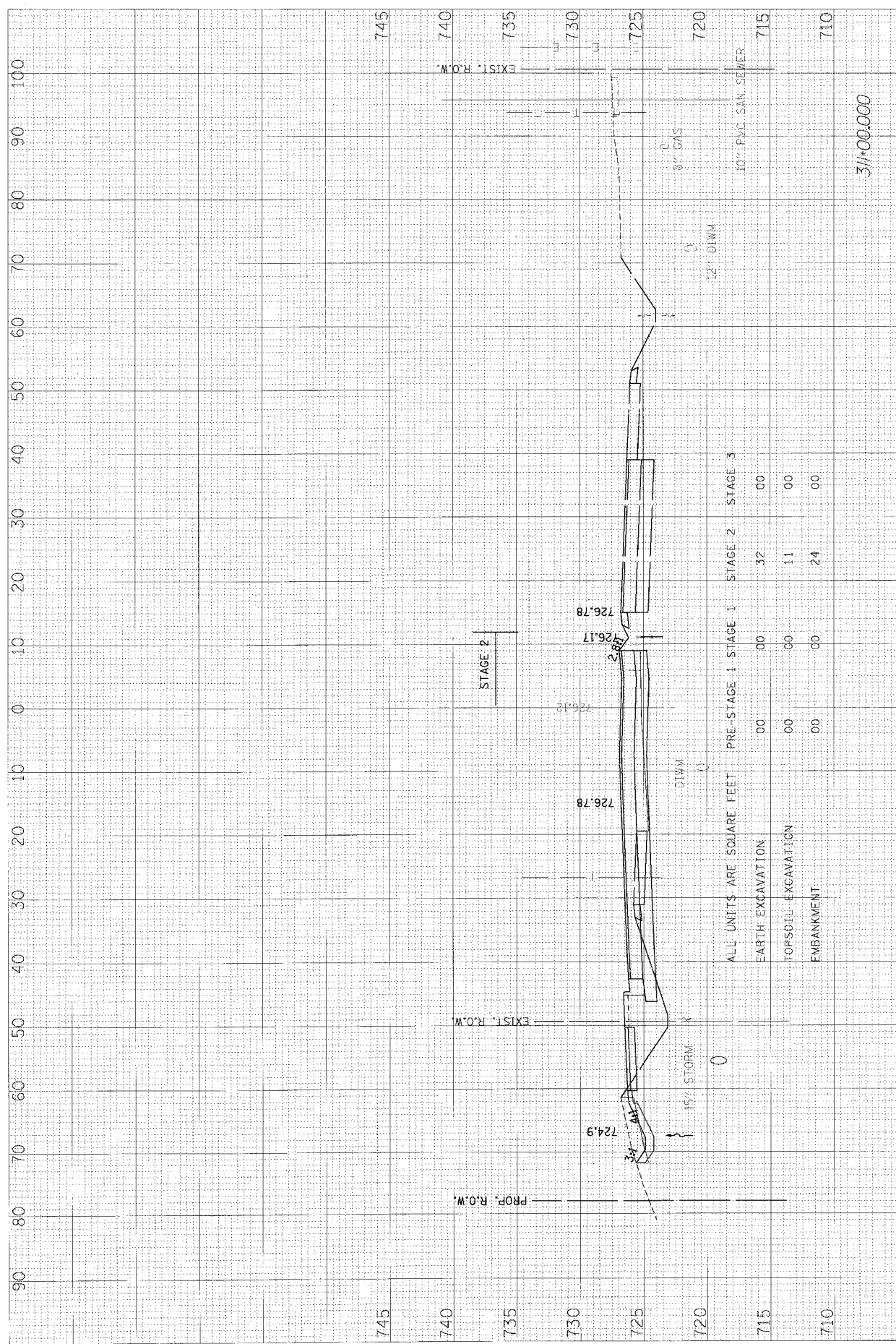
STA. 12R - 4	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 167
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		1"=5'V

ALL UNITS ARE SQUARE FEET	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	260	00

9/24/15

FINAL SURVEY CHECKED BY DATE
 SURVEY PLOTTED BY DATE
 NOTE BOOK TEMPLATE
 DATE CHECKED

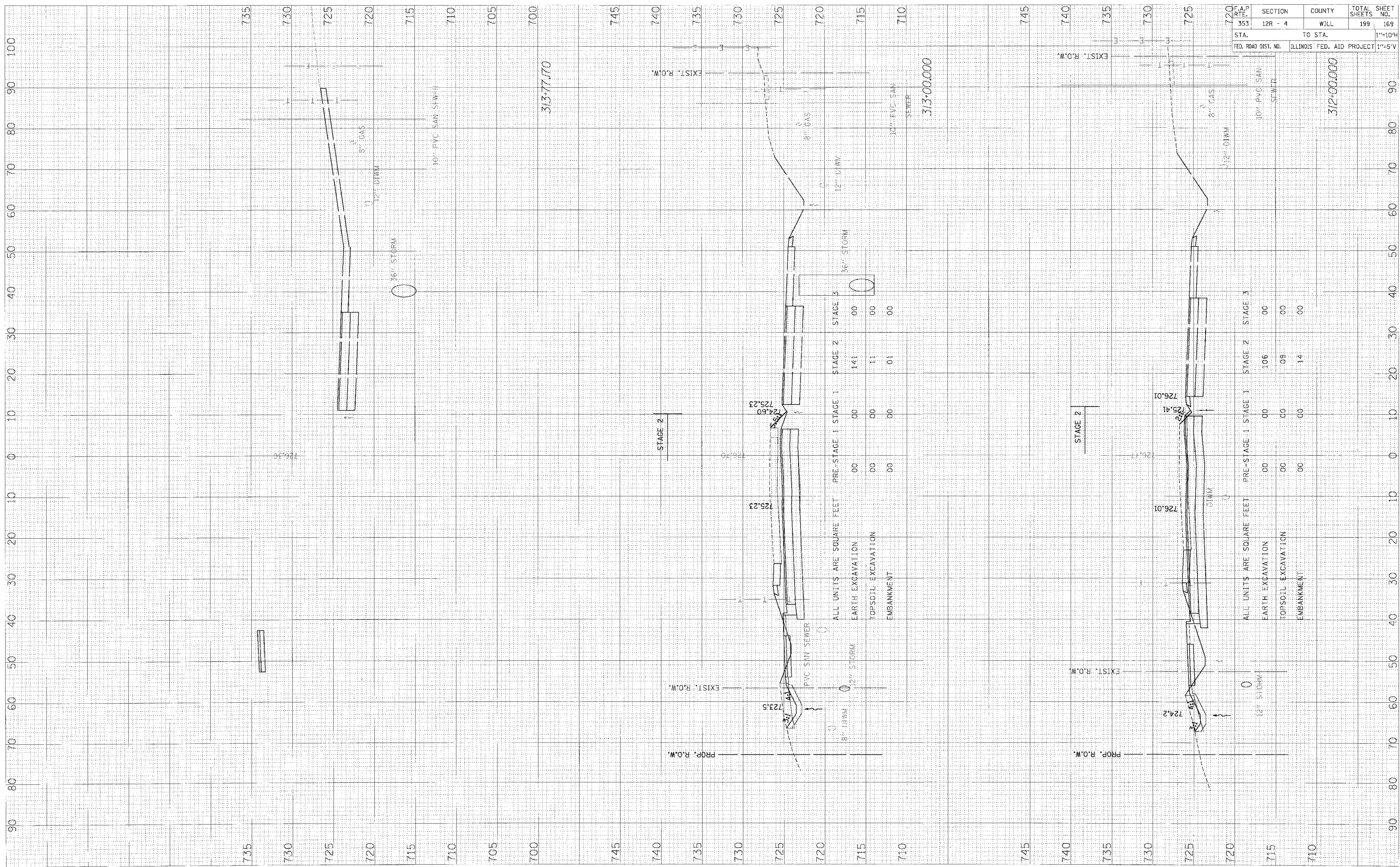
ORIGINAL SURVEY CHECKED BY DATE
 SURVEY PLOTTED BY DATE
 NOTE BOOK TEMPLATE
 DATE CHECKED



F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 168
STA. 353	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

FINAL SURVEY PLOTTED TEMPLATE AREA CHECKED
 NO. _____ BY _____ DATE _____

ORIGINAL SURVEY PLOTTED TEMPLATE AREA CHECKED
 NO. _____ BY _____ DATE _____



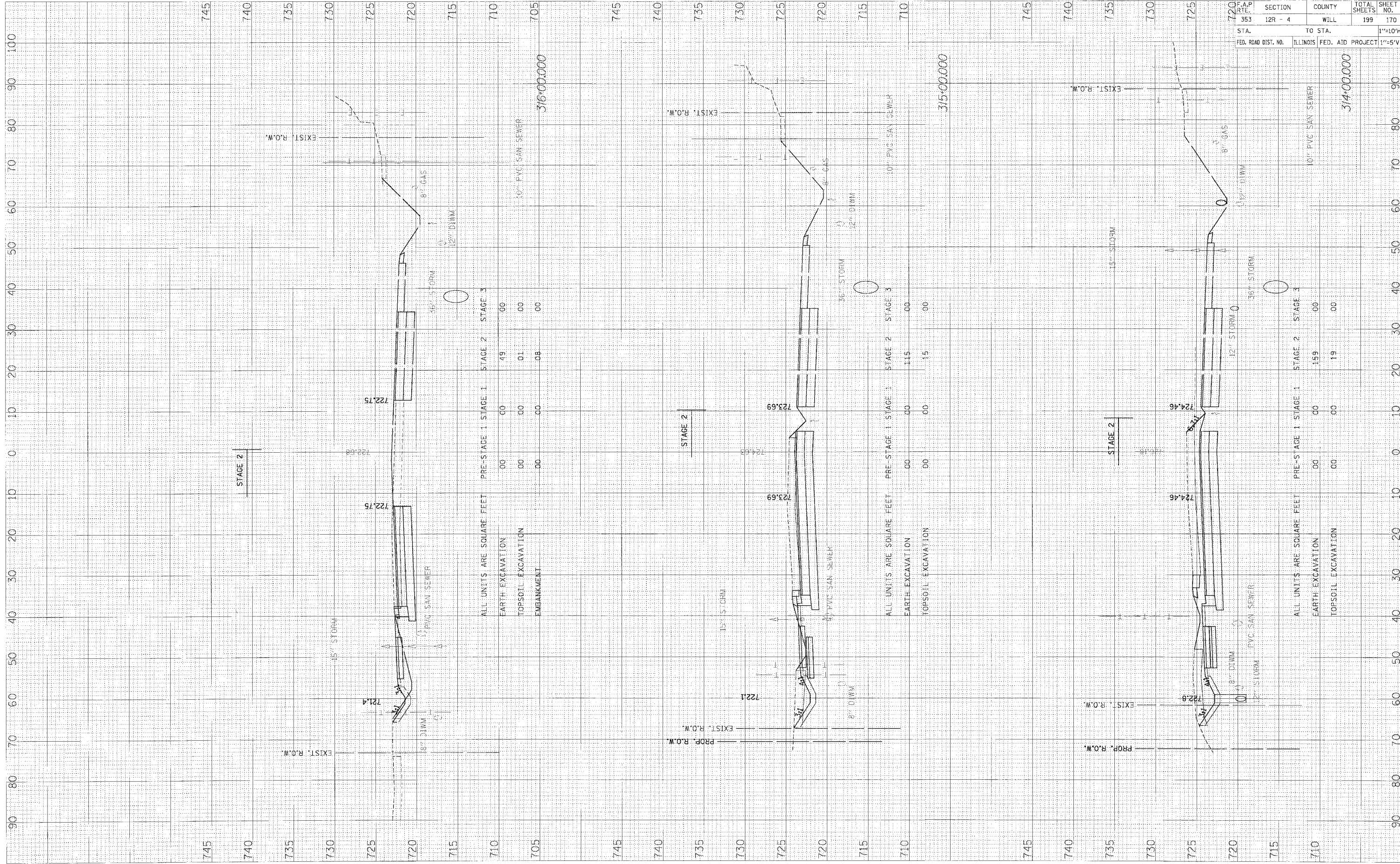
F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	169
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

US ROUTE 30 - STAGE 2 X-SECS

FILES

DATE: _____ BY: _____
 ORIGINAL SURVEYED _____ DATE: _____
 SURVEY PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

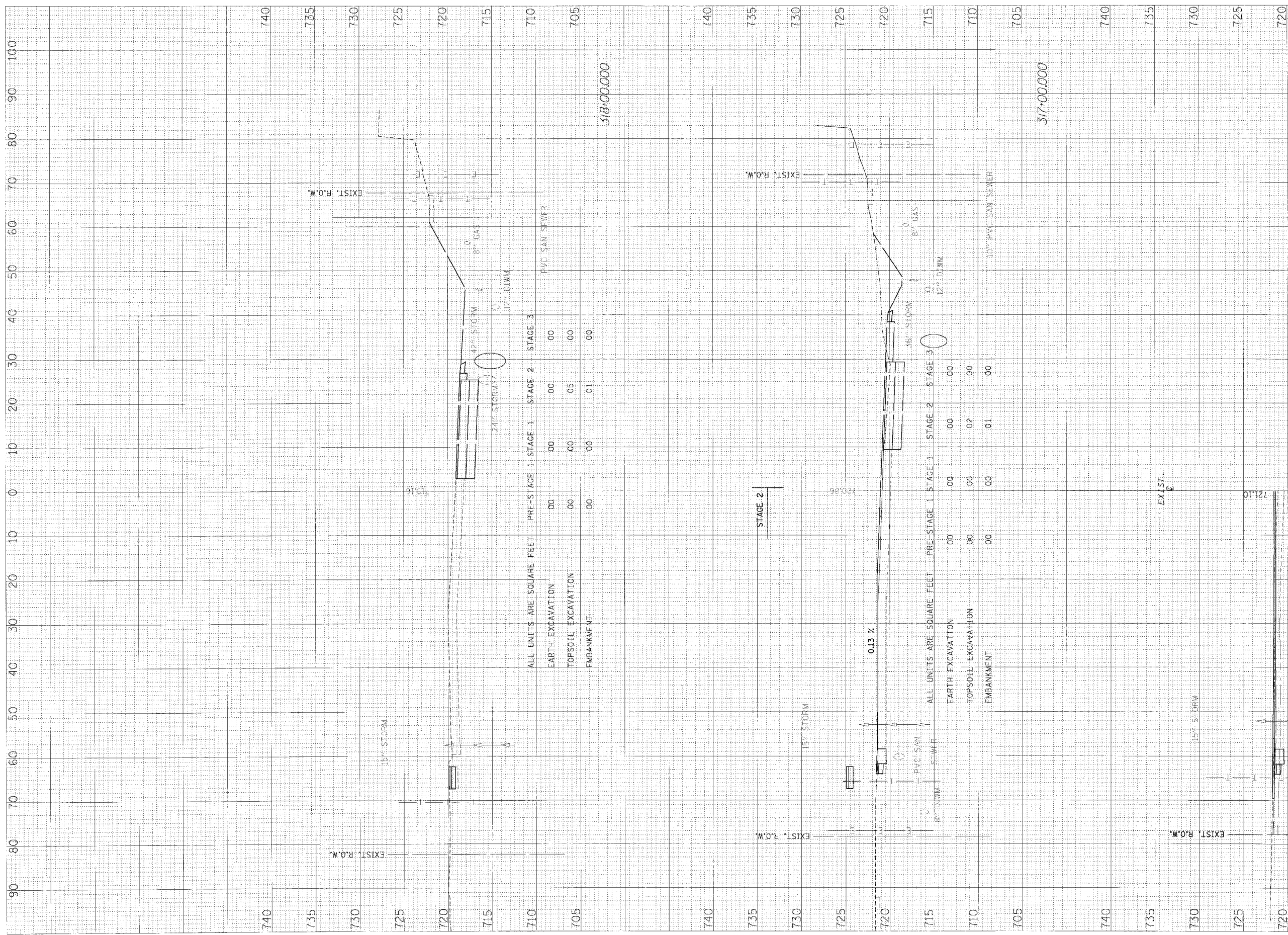
DATE: _____ BY: _____
 ORIGINAL SURVEYED _____ DATE: _____
 SURVEY PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____



F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 170
STA. 720	TO STA. 705		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHANGED

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHANGED



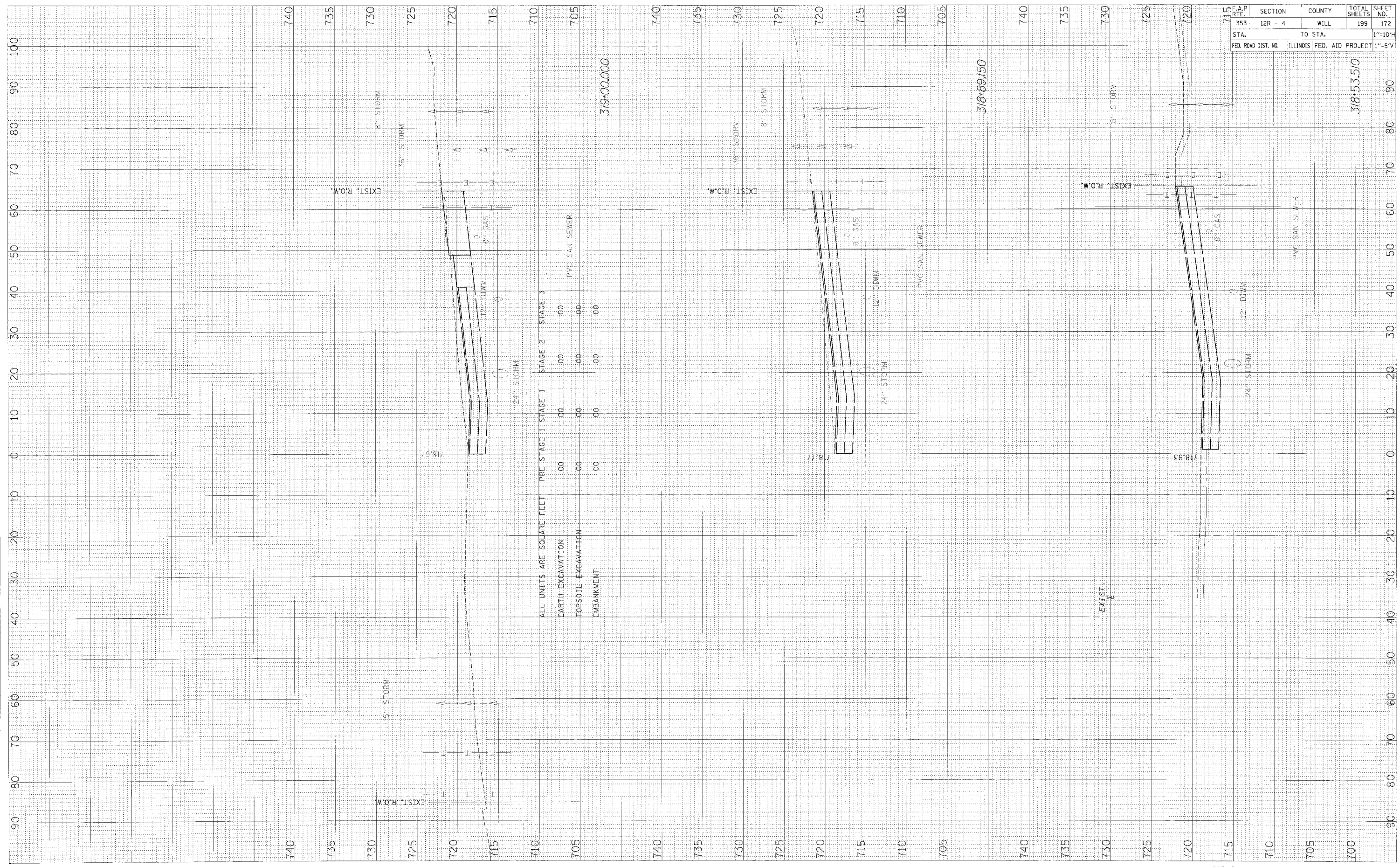
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	171
STA.	TO STA.		1\"/>	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1\"/>	

US ROUTE 30 - STAGE 2 X-SECS

NOTES

FINAL SURVEYED BY DATE
 SURVEY NO. 1111111111
 NOTE BOOK NO. 1111111111
 TEMPLATE AREAS CHECKED

ORIGINAL SURVEYED BY DATE
 SURVEY NO. 1111111111
 NOTE BOOK NO. 1111111111
 TEMPLATE AREAS CHECKED



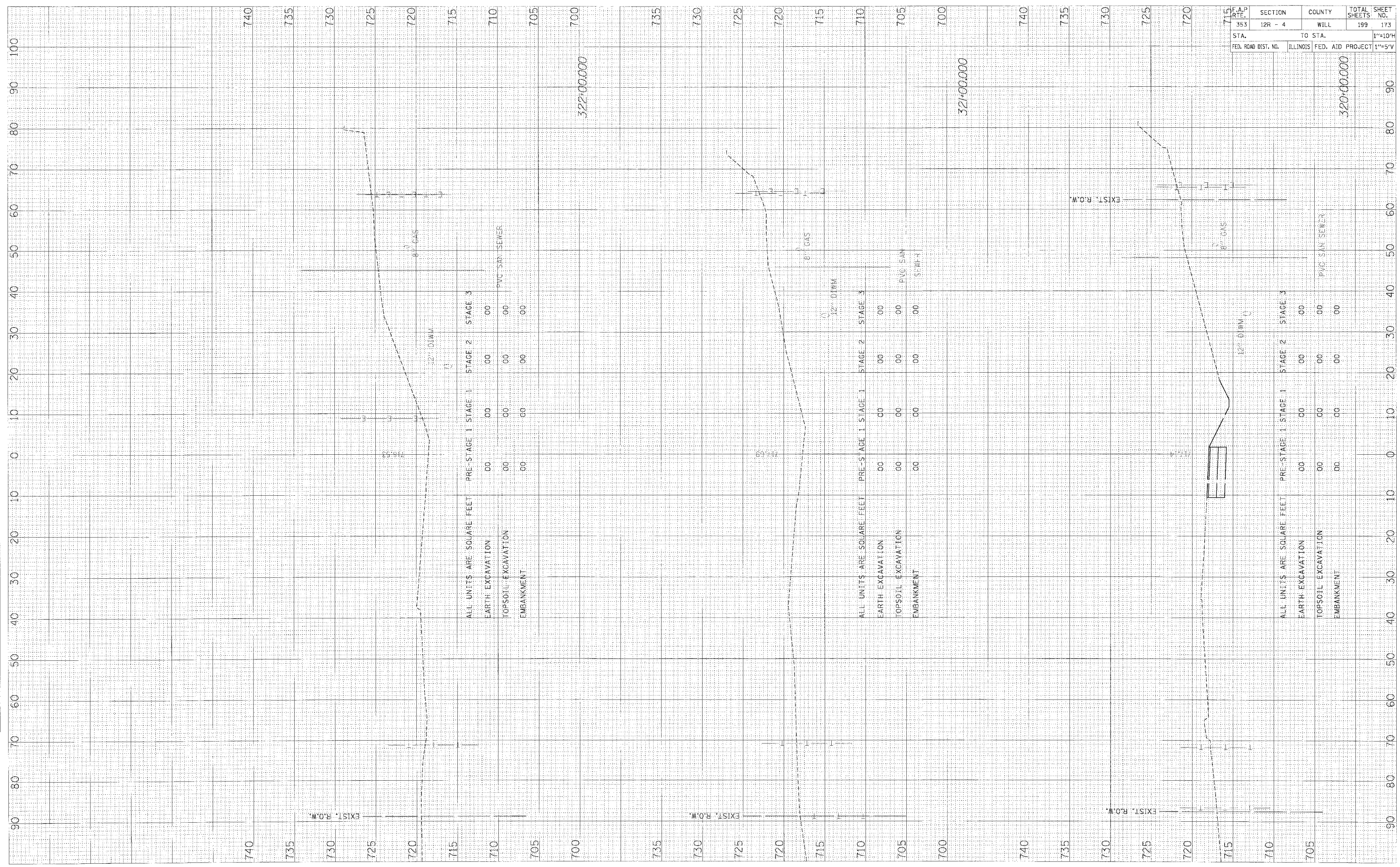
ALL UNITS ARE SQUARE FEET PRE-STAGE 1 STAGE 1 STAGE 2 STAGE 3

EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00
PVC SAN SEWER				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	172
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

FINAL SURVEYED SURVEY DATE
 NOT TO BE USED FOR CONSTRUCTION
 AREAS CHECKED

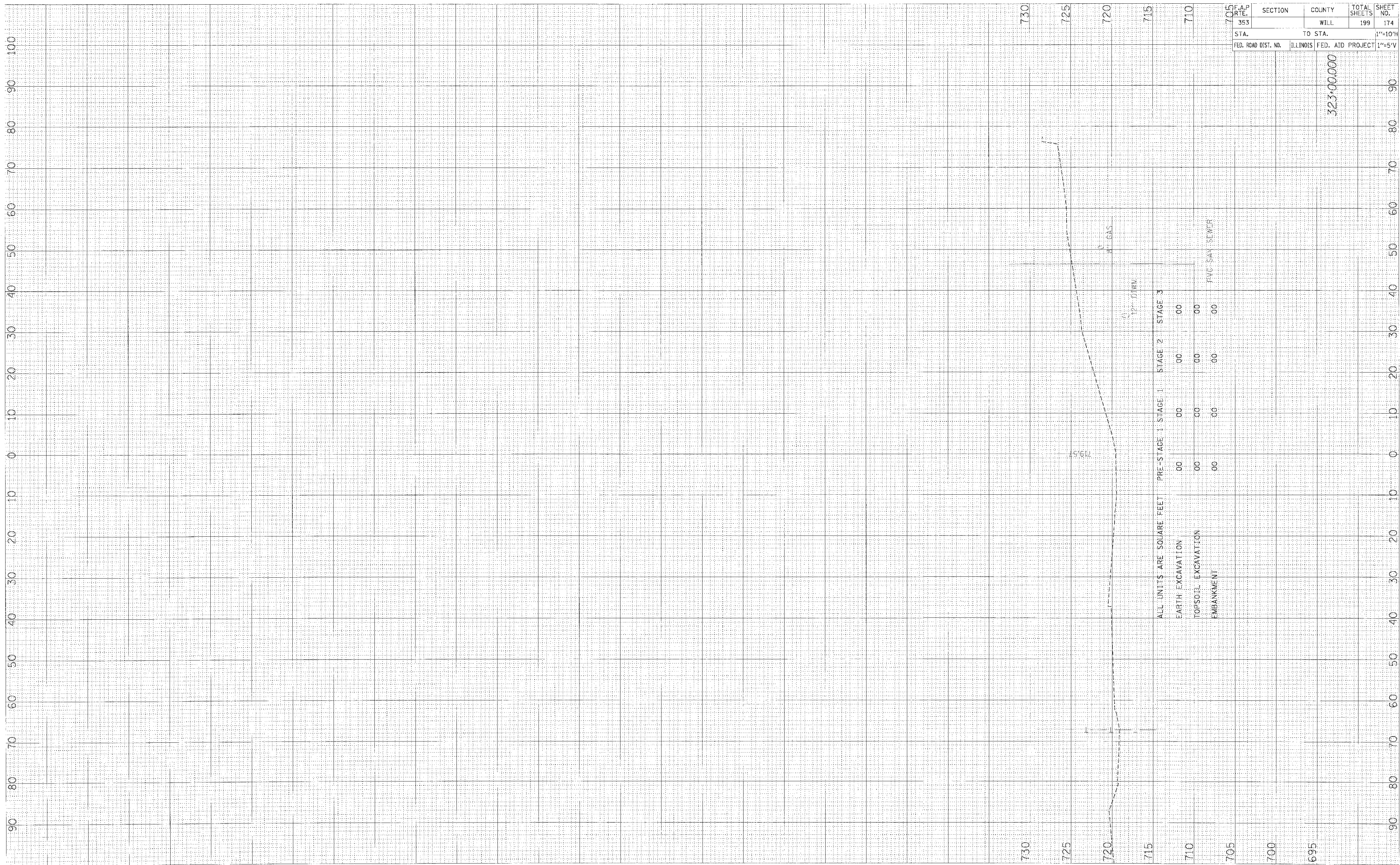
DATE 3/7
 SURVEYED SURVEY DATE
 NOT TO BE USED FOR CONSTRUCTION
 AREAS CHECKED



F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 173
STA. 322+00.000	TO STA. 320+00.000		1"=5'V	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

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

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

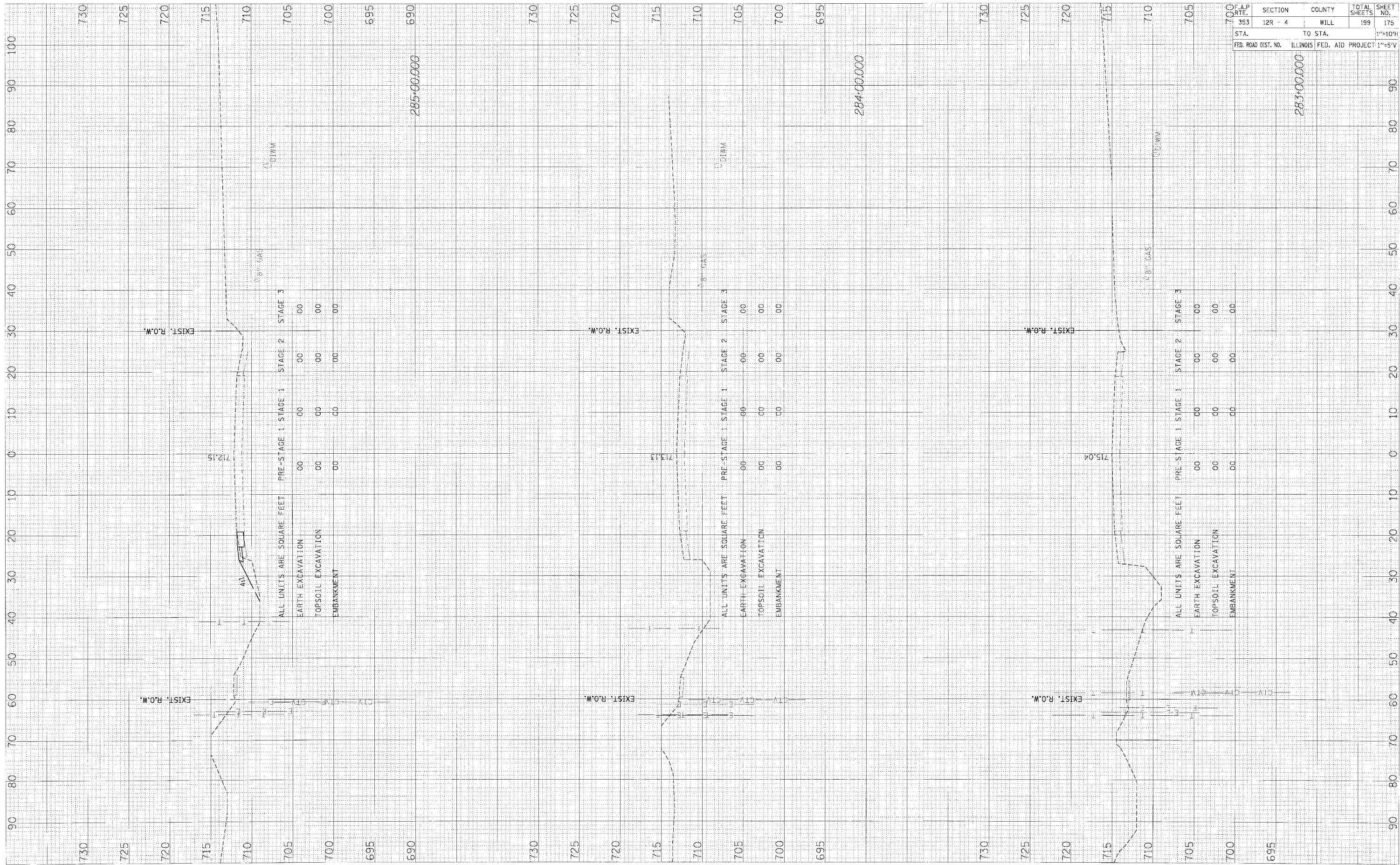


F.A.P. RTE. 353	SECTION WILL	COUNTY ILLINOIS	TOTAL SHEETS 199	SHEET NO. 174
STA. 705	TO STA. 700		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

323*00.000

ORIGINAL SURVEY PLOTTED TO THIS DATE
 NOTE BOOK NO. _____
 AREA CHECKED _____

FINAL SURVEY PLOTTED TO THIS DATE
 NOTE BOOK NO. _____
 AREA CHECKED _____



US ROUTE 30 - STAGE 3 X-SECS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	175
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"-5"V	

283+00.000

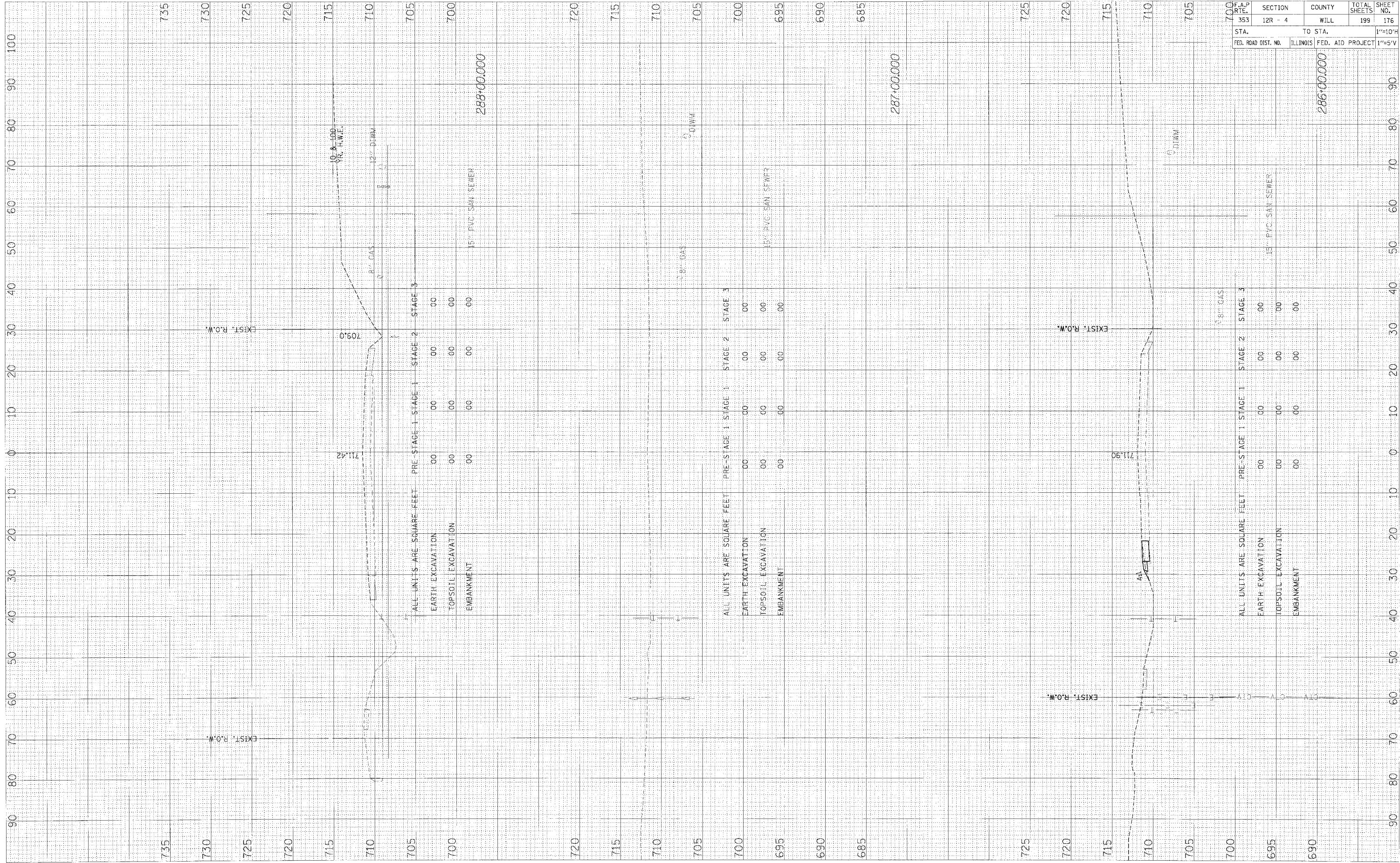
284+00.000

285+00.000

FILES NOTES

FINAL SURVEY	SUBJECT	DATE
NOTE BOOK	FLIPPED	BY
NO.	NO.	NO.

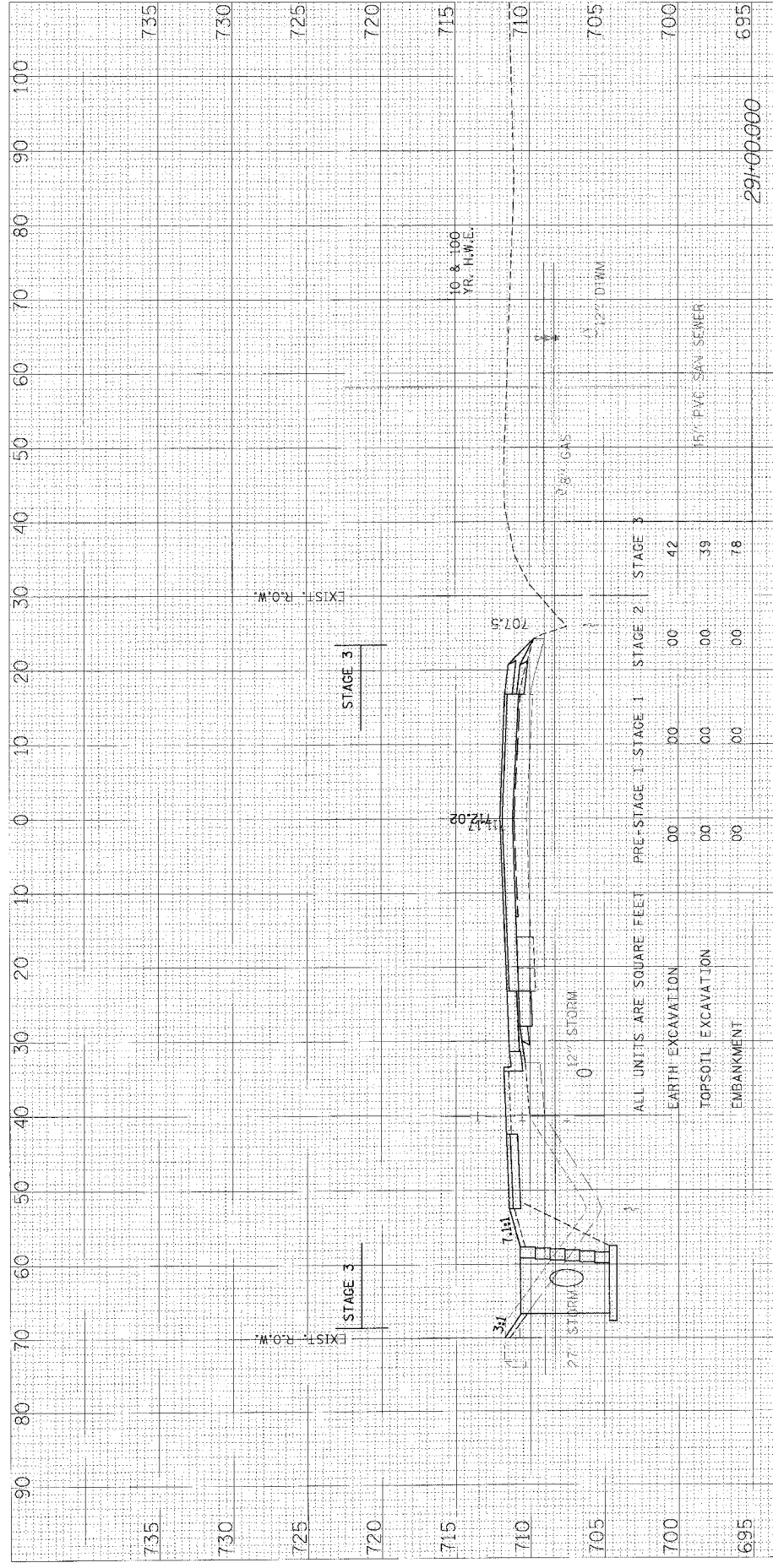
ORIGINAL SURVEY	SUBJECT	DATE
NOTE BOOK	FLIPPED	BY
NO.	NO.	NO.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	176
STA.	TO STA.			1"=10'H
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

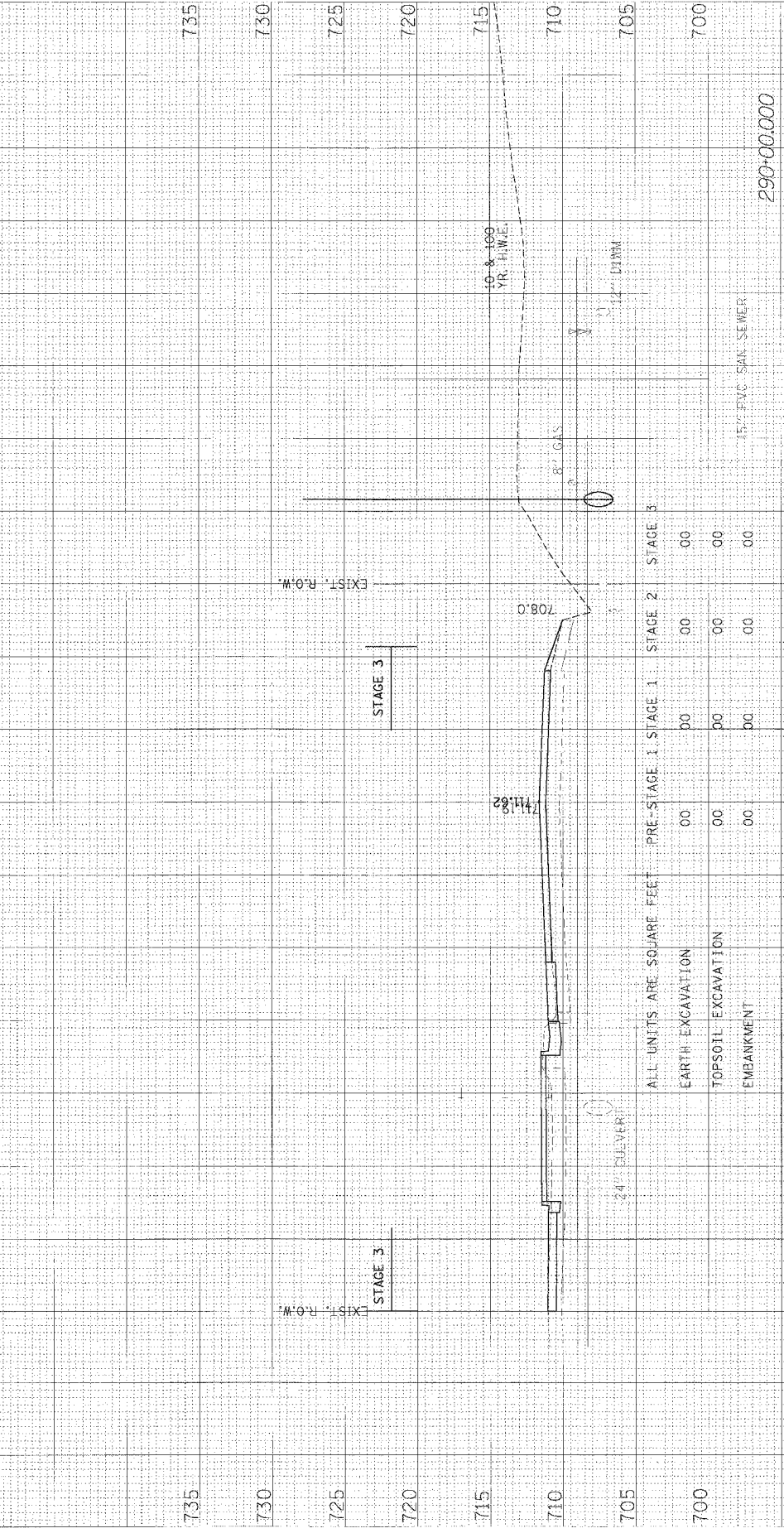
FINAL SURVEY SUBMITTED PLOTTED PLUM-A-E AMPS CHECKED DATE

ORIGINAL SURVEY SUBMITTED PLOTTED PLUM-A-E AREAS CHECKED DATE



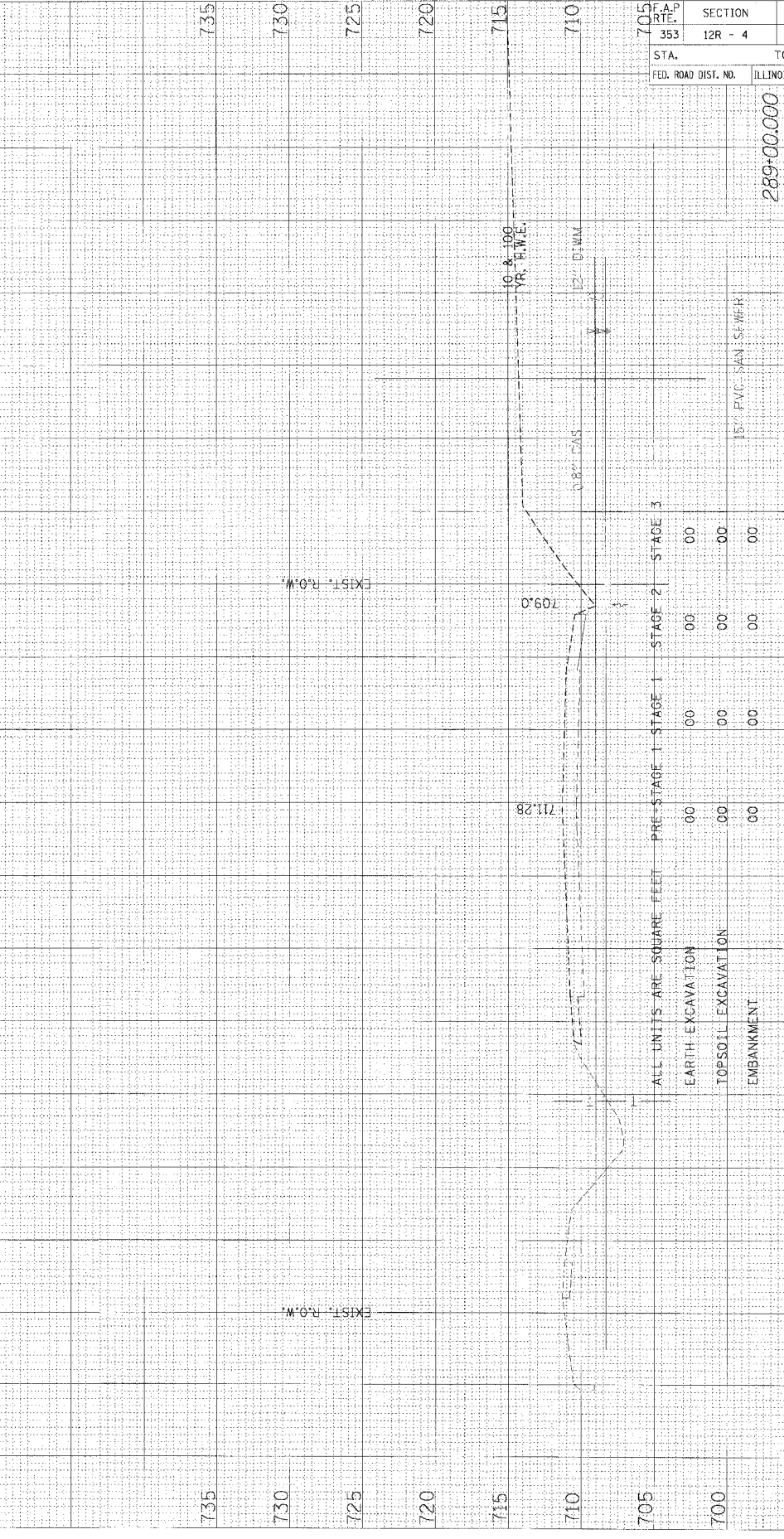
ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	42
TOPSOIL EXCAVATION	00	00	00	39
EMBANKMENT	00	00	00	78



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00



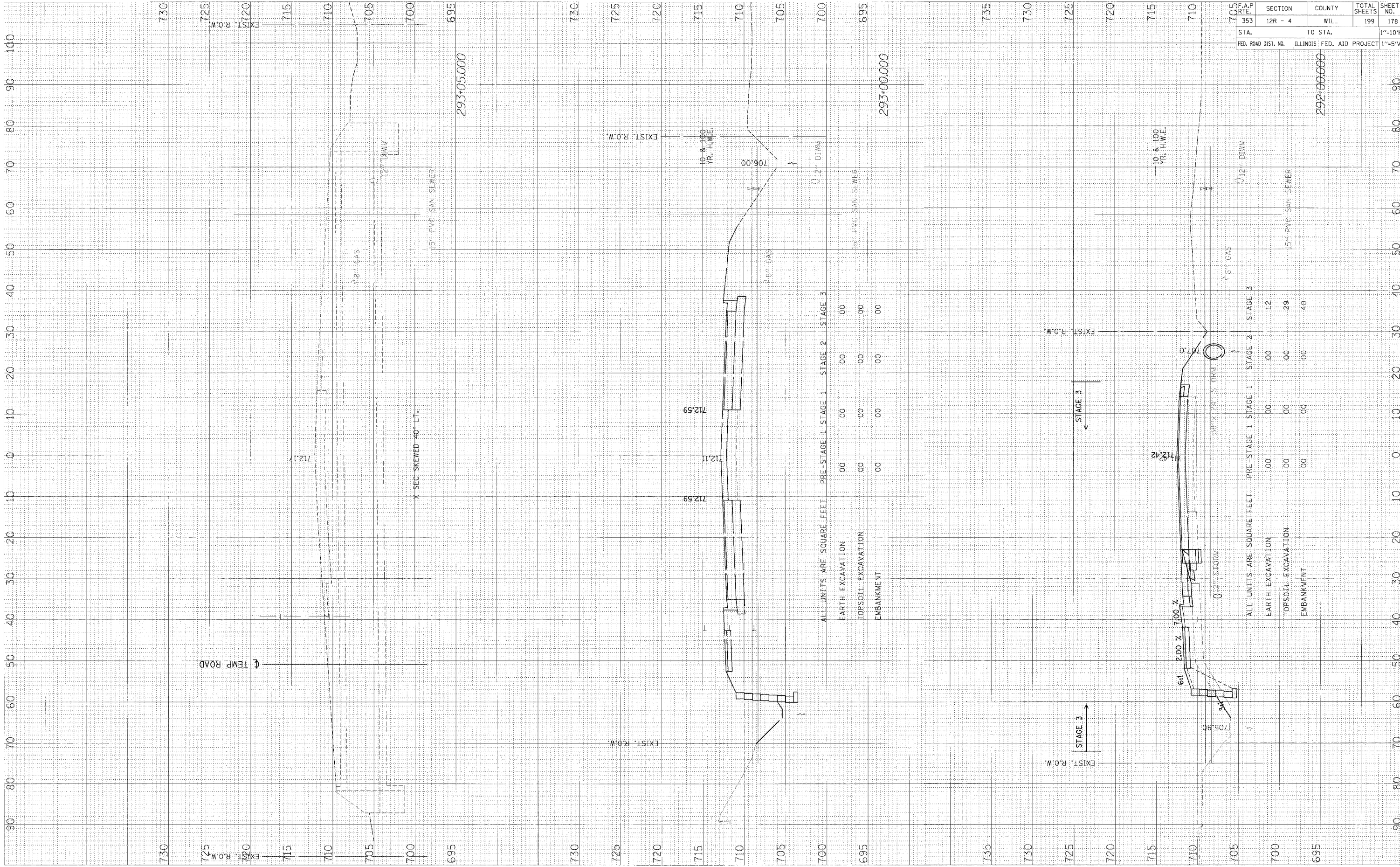
ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 177
STA. 353	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

ORIGINAL SURVEYED PLOTTED	BY	DATE
NOTE BOOK		
AREAS CHECKED		

FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
AREAS CHECKED		



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

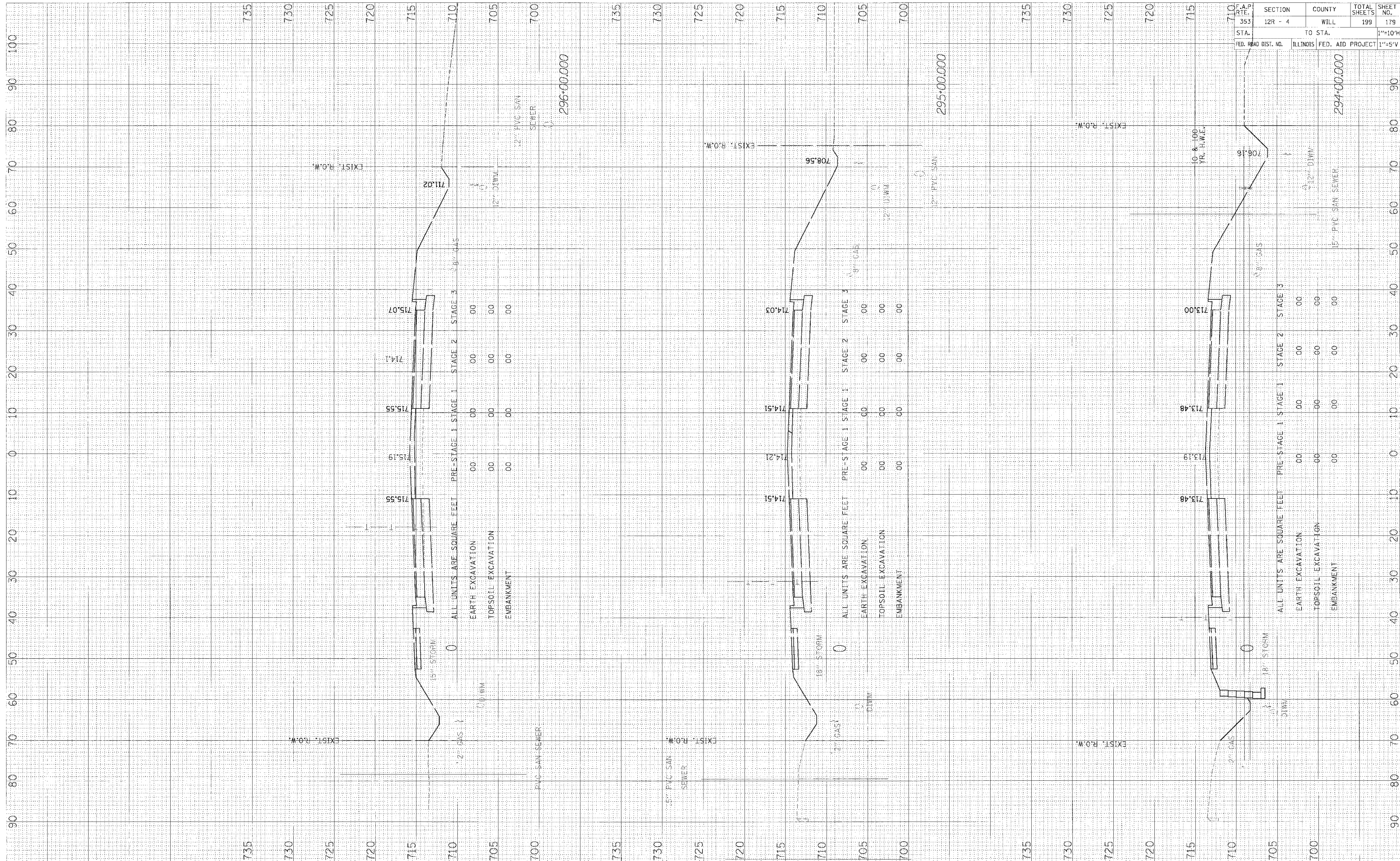
F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	178
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

US ROUTE 30 - STAGE 3 X-SECS

11-3092A(01) JTA30W-5375C.dwg/20/2008

FINAL	DATE	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS	STAGED		
AREAS	STAGED		

ORIGINAL	DATE	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS	STAGED		
AREAS	STAGED		



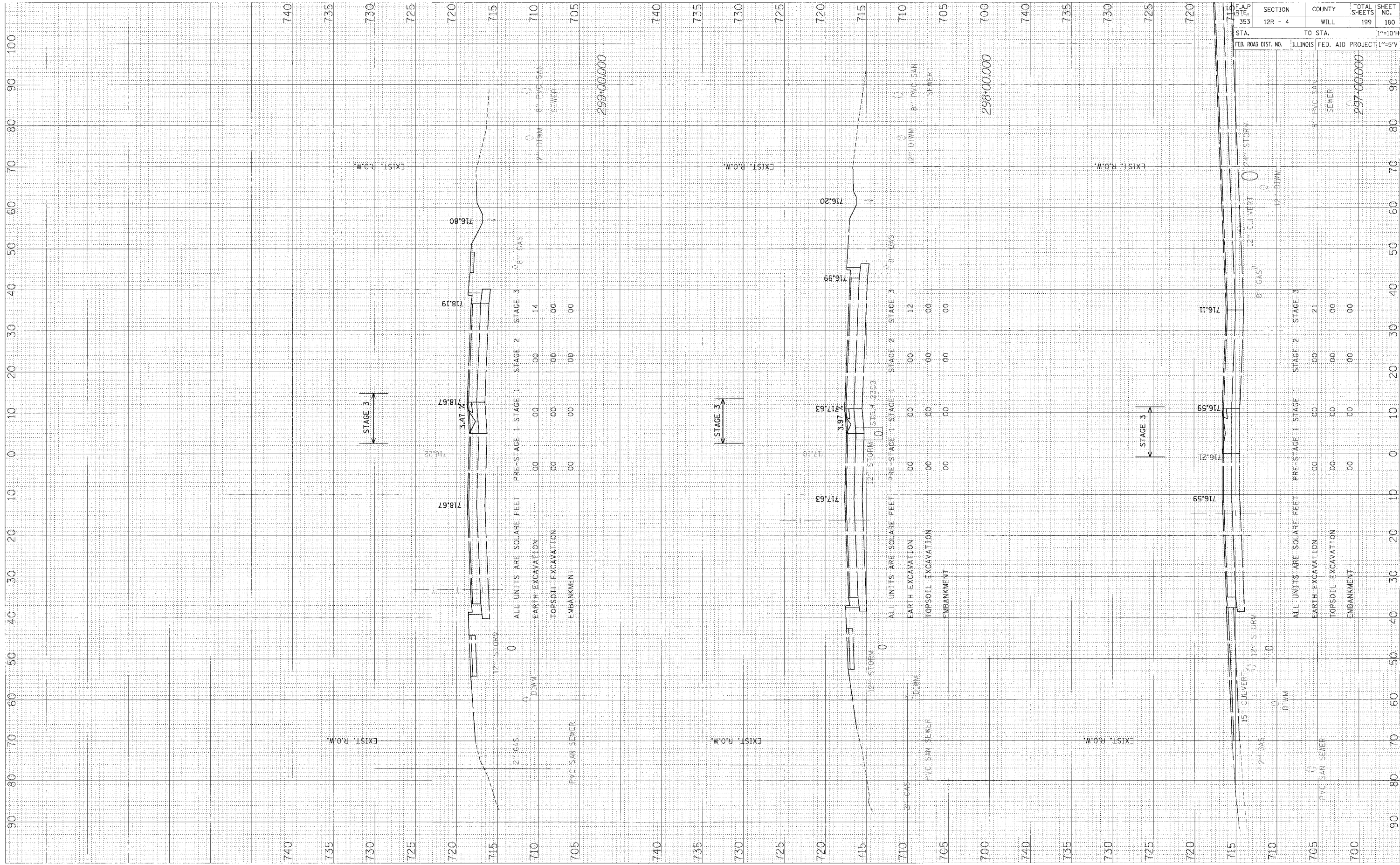
F.A.P. RT. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 179
STA. 353	TO STA.	FED. AID PROJECT	ILLINOIS	1"=10'H
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	294-00.000	1"=5'V

US ROUTE 30 - STAGE 3 X-SECS

15-COR-2-Wof-1m-128-S&SFC-45/5/28/2208

FINAL SURVEY	REWORKED	DATE
NOTE BOOK	REPLATE	
	AREAS CHANGED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		



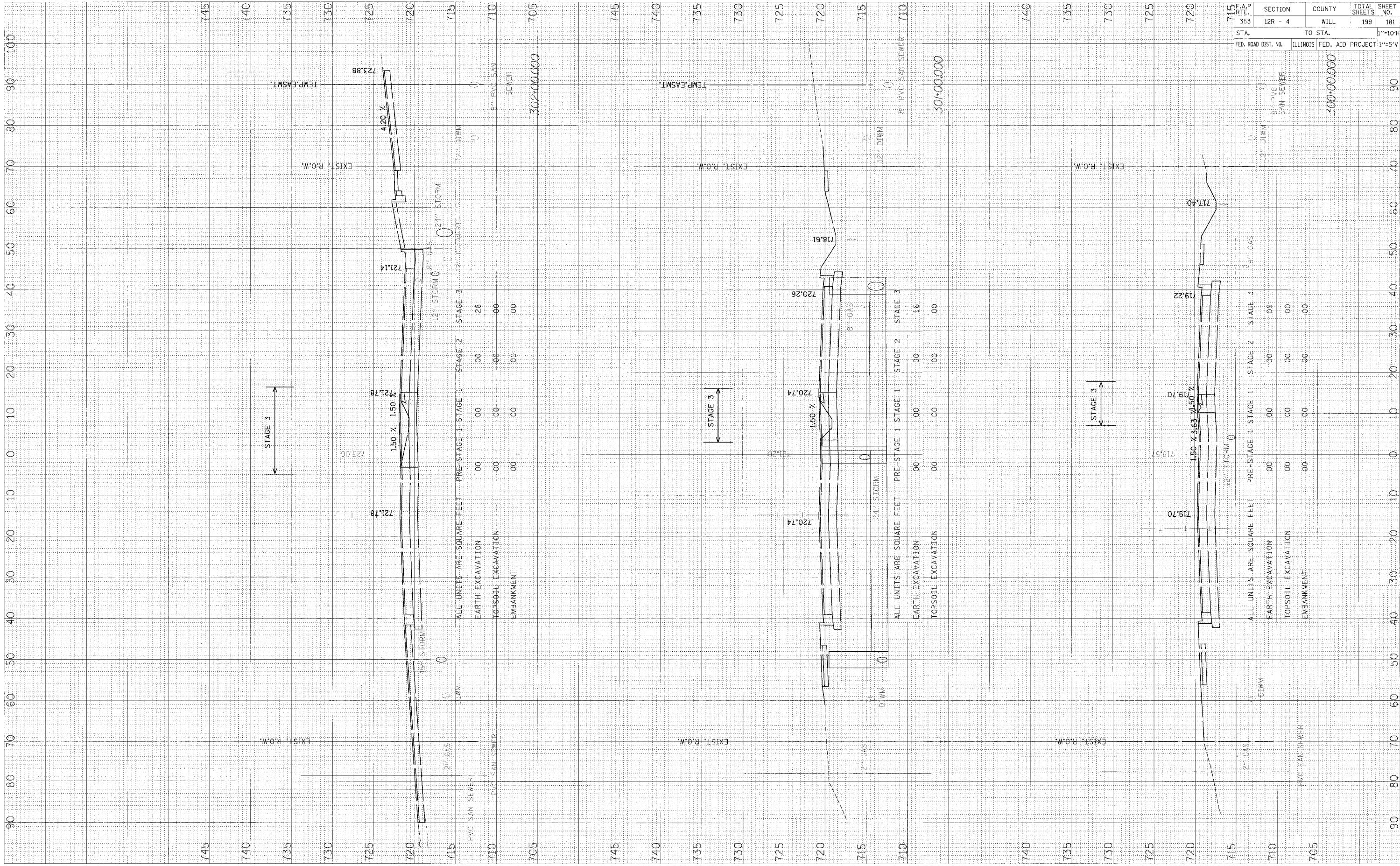
US ROUTE 30 - STAGE 3 X-SECS

F.A.P. RT. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 180
STA. TO STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

T:\US30\2 Wof\171\30A-S3\SEC\GPS\28.CDR

ORIGINAL SURVEY PLOTTED
 DATE: _____ BY: _____
 NOTE BOOK NO. _____
 REVISIONS: _____

FINAL SURVEY PLOTTED
 DATE: _____ BY: _____
 NOTE BOOK NO. _____
 REVISIONS: _____



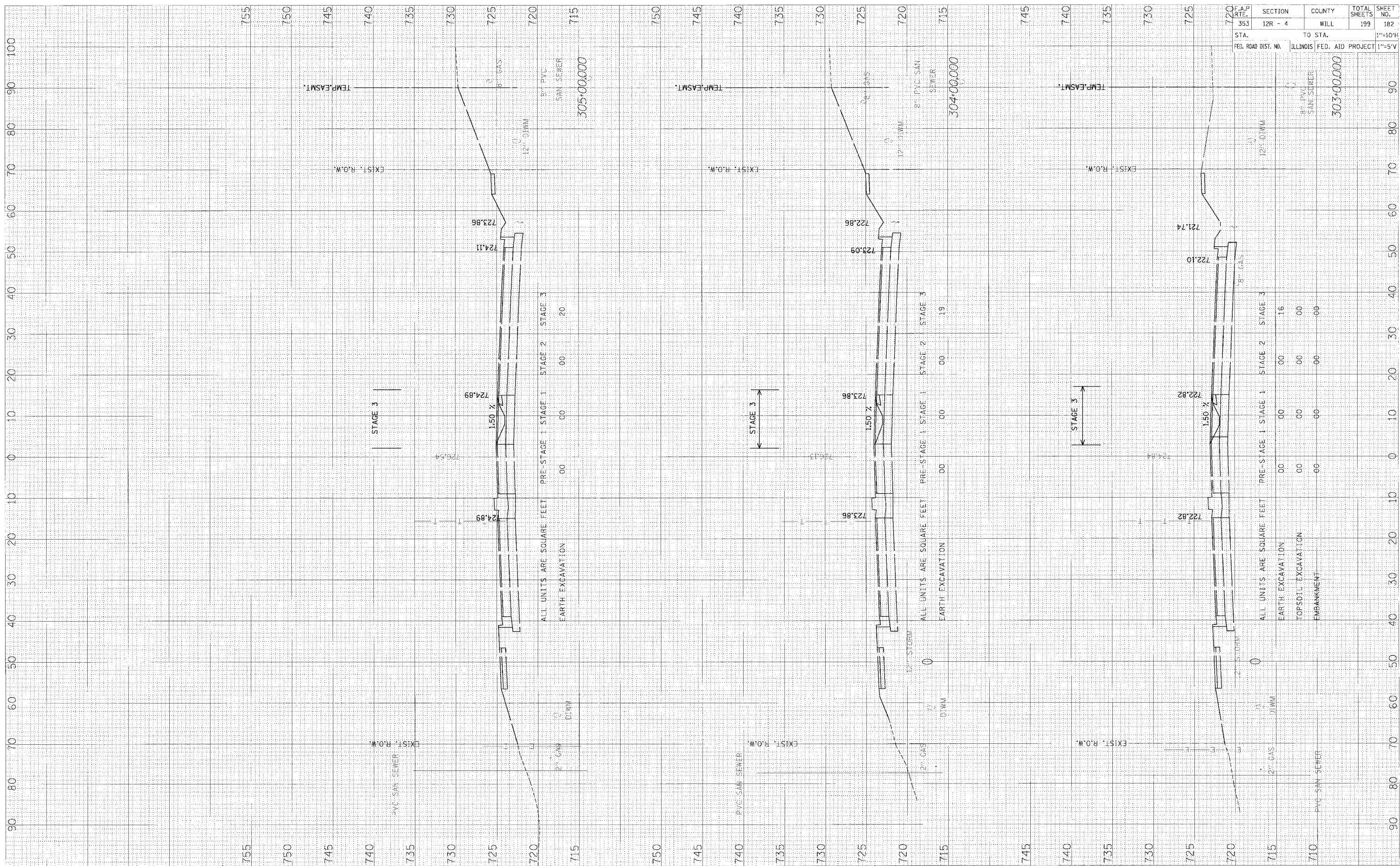
US ROUTE 30 - STAGE 3 X-SECS

F.A.P. STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 181
TO STA.		1"=10'H		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

14C30PA.Wof.L-1.SW.S3SEC.dgn/28/2008

FINAL SURVEY NOTE BOOK NO.	DATE
REVISIONS	
PLOTTED	
AMEND	
CHECKED	

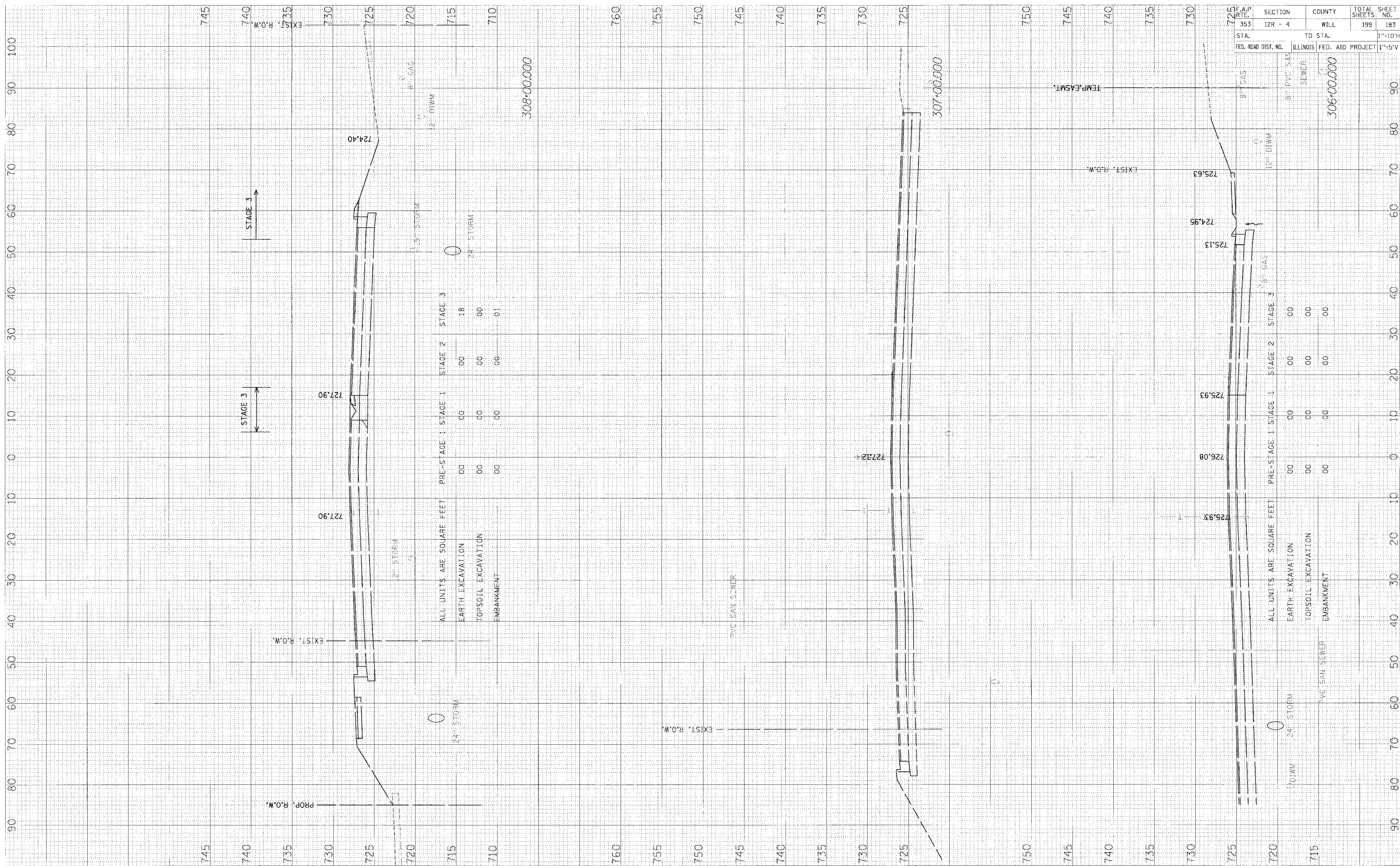
DRG. NO.	DATE
REVISIONS	
PLOTTED	
AMEND	
CHECKED	



F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 182
STA. 720	TO STA. 710		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

ORIGINAL SURVEY NO. _____ DATE _____
 CHECKED BY _____
 REVISIONS _____
 DATE _____
 FINAL SURVEY NO. _____ DATE _____
 CHECKED BY _____
 REVISIONS _____
 DATE _____
 TRIP AT _____
 AS CHECKED _____
 NO. _____

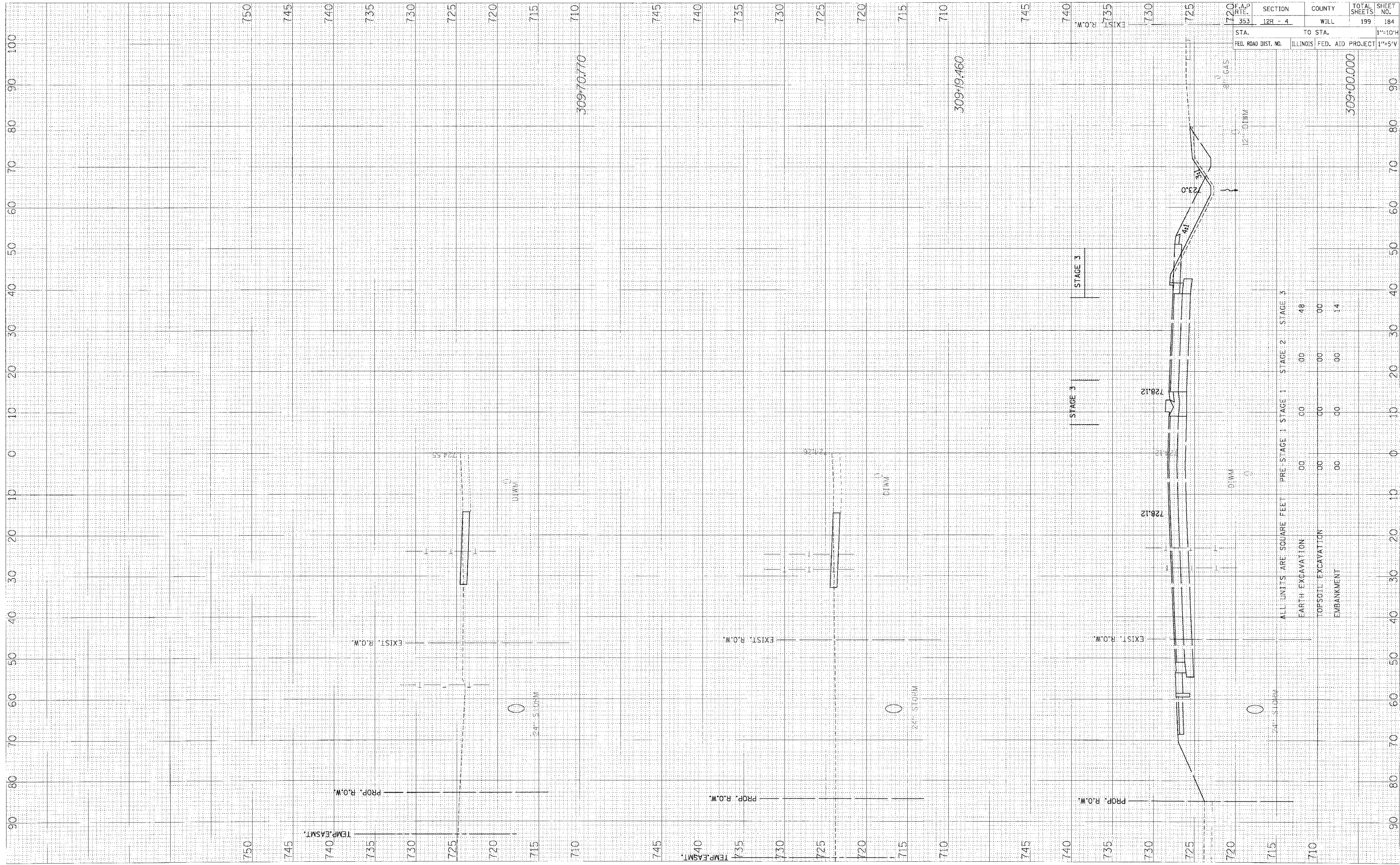
ORIGINAL SURVEY NO. _____ DATE _____
 CHECKED BY _____
 REVISIONS _____
 DATE _____
 FINAL SURVEY NO. _____ DATE _____
 CHECKED BY _____
 REVISIONS _____
 DATE _____
 TRIP AT _____
 AS CHECKED _____
 NO. _____



F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 183
STA. 725	TO STA. 730		1"=10' H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5' V	

FINAL	REVIEWED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
AREA	AREA	
ADJUST	CHECKED	
NO.		

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
AREA	
ADJUST	
CHECKED	
NO.	



US ROUTE 30 - STAGE 3 X-SECS

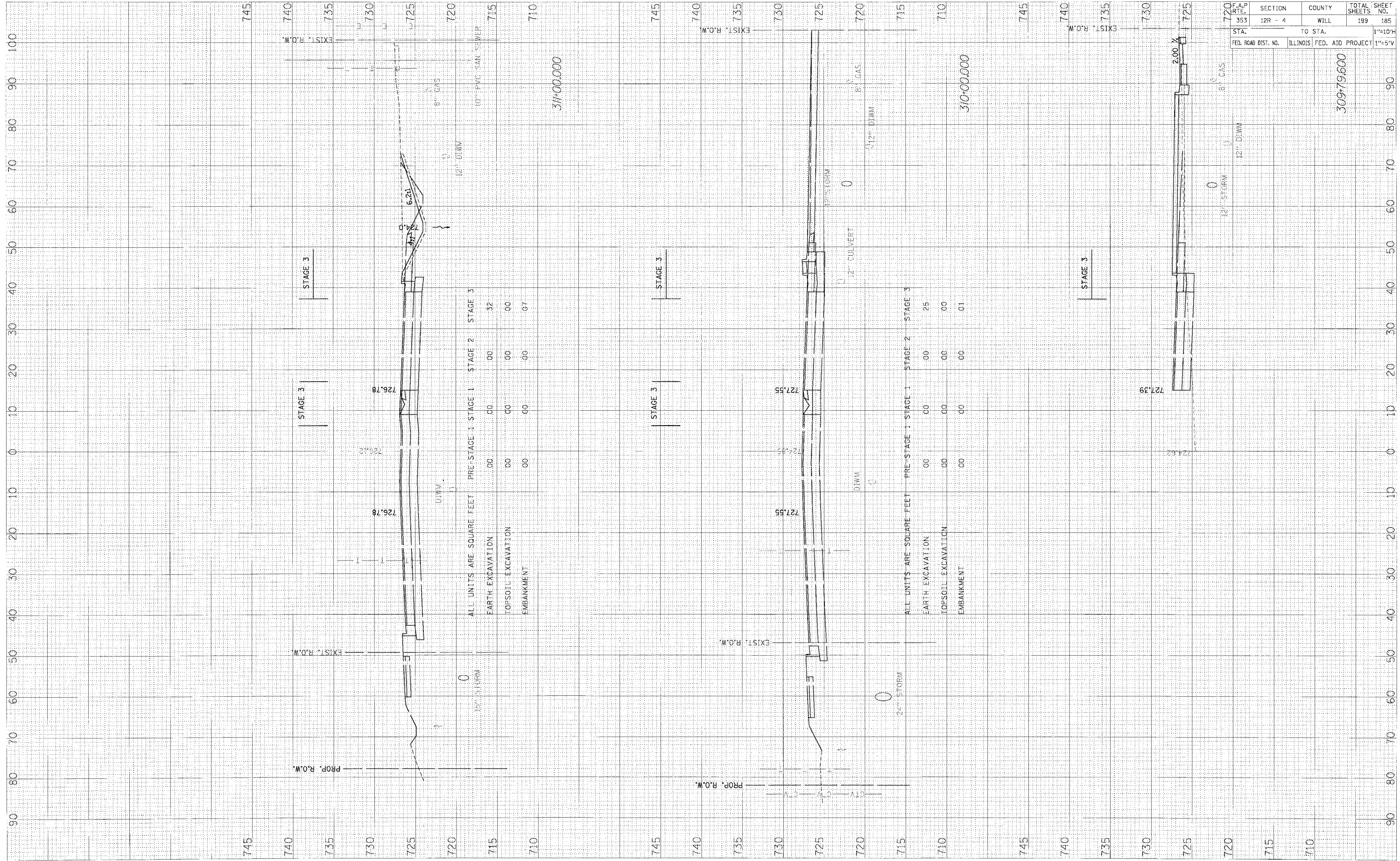
F.A.P. RITE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 184
STA. 720	TO STA. 720		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

ALL UNITS ARE SQUARE FEET	PRE STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	48
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	14

309+00.000

ORIGINAL SURVEY BY DA L
 SURVEYED BY
 NOTE BOOK NO.
 AREAS CHECKED

ORIGINAL SURVEY BY DA L
 SURVEYED BY
 NOTE BOOK NO.
 AREAS CHECKED

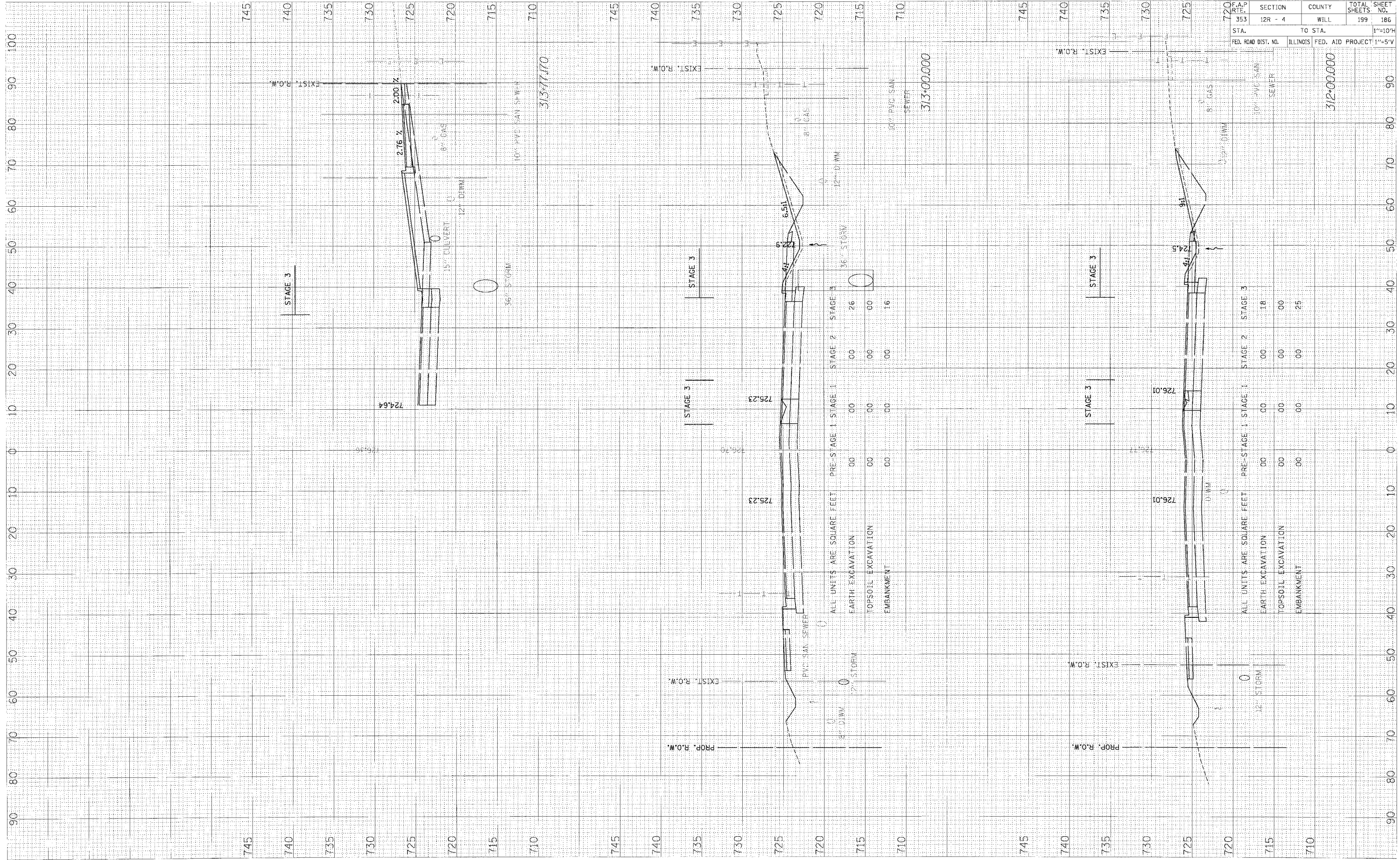


STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 185
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		1"=5' V

30979.600

FINAL SURVEY
 SURVEYED BY: J.A.L.
 NOTED BY: [blank]
 DATE: [blank]

ORIGINAL SURVEY
 SURVEYED BY: [blank]
 NOTED BY: [blank]
 DATE: [blank]



STA. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 186
ILLINOIS FED. AID PROJECT			1"=10'H	

720	745	740	735	730	725	720	715	710
720	745	740	735	730	725	720	715	710

720	745	740	735	730	725	720	715	710
720	745	740	735	730	725	720	715	710

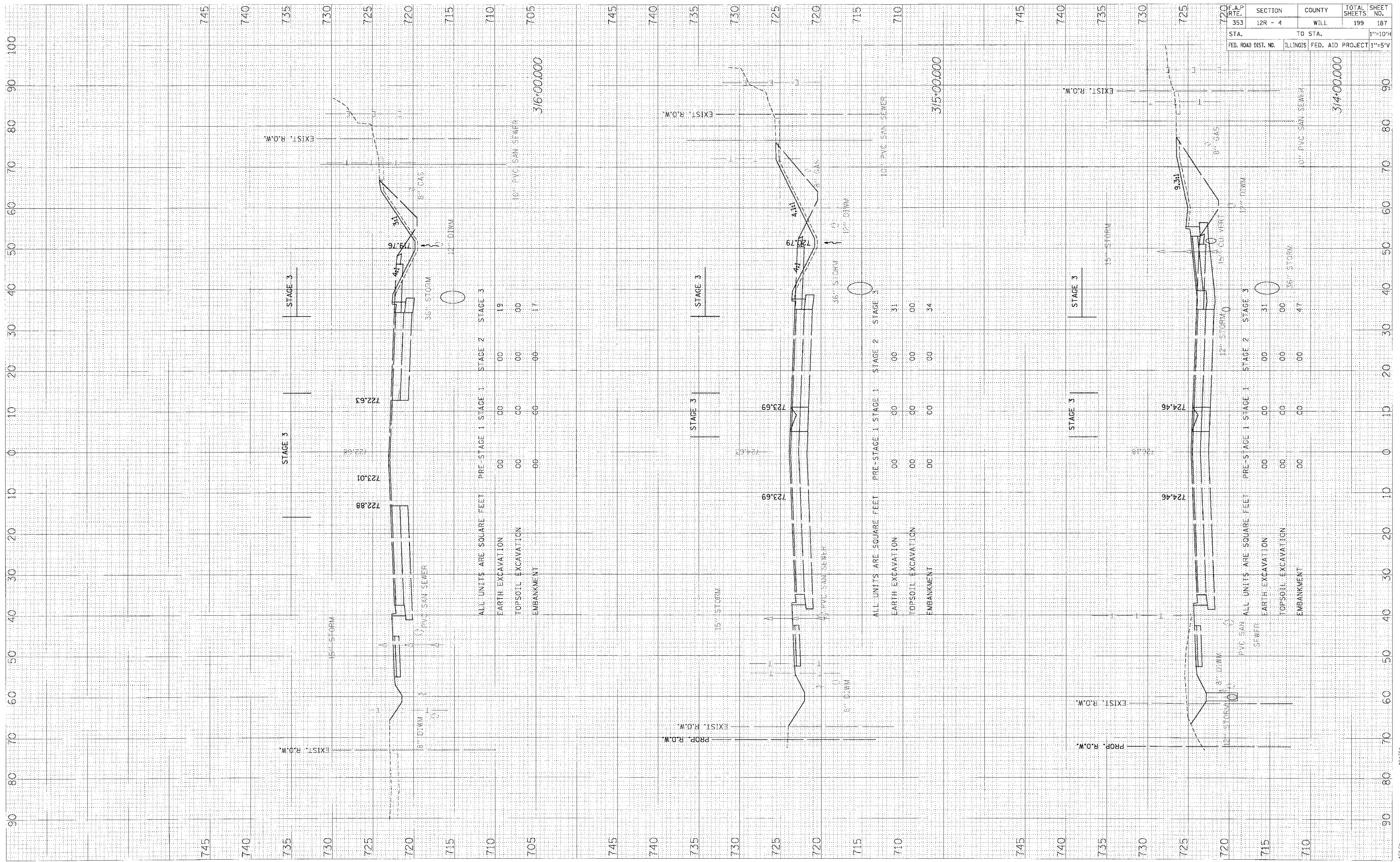
720	745	740	735	730	725	720	715	710
720	745	740	735	730	725	720	715	710

720	745	740	735	730	725	720	715	710
720	745	740	735	730	725	720	715	710

720	745	740	735	730	725	720	715	710
720	745	740	735	730	725	720	715	710

FINAL SURVEYED PLOTTED DATE
 NOTE BOOK TEMPLATE BY
 AREAS CHECKED

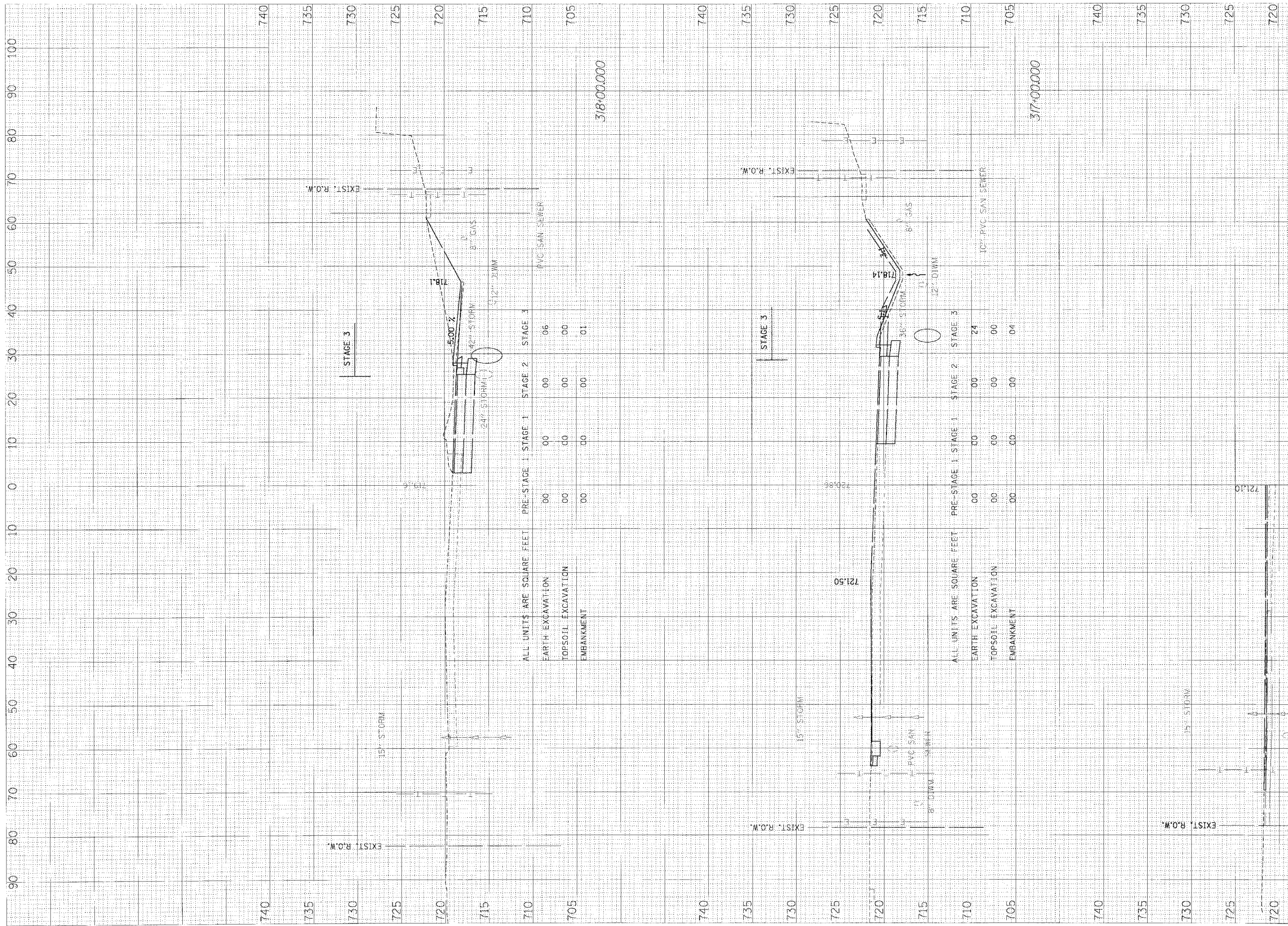
ORIGINAL SURVEYED PLOTTED DATE
 NOTE BOOK TEMPLATE BY
 AREAS CHECKED



F.A.P. RTE. NO. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 187
STA. 720	TO STA. 720		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

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

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



US ROUTE 30 - STAGE 3 X-SECS

F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 188
STA. 316+00.00	TO STA. 318+00.00		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

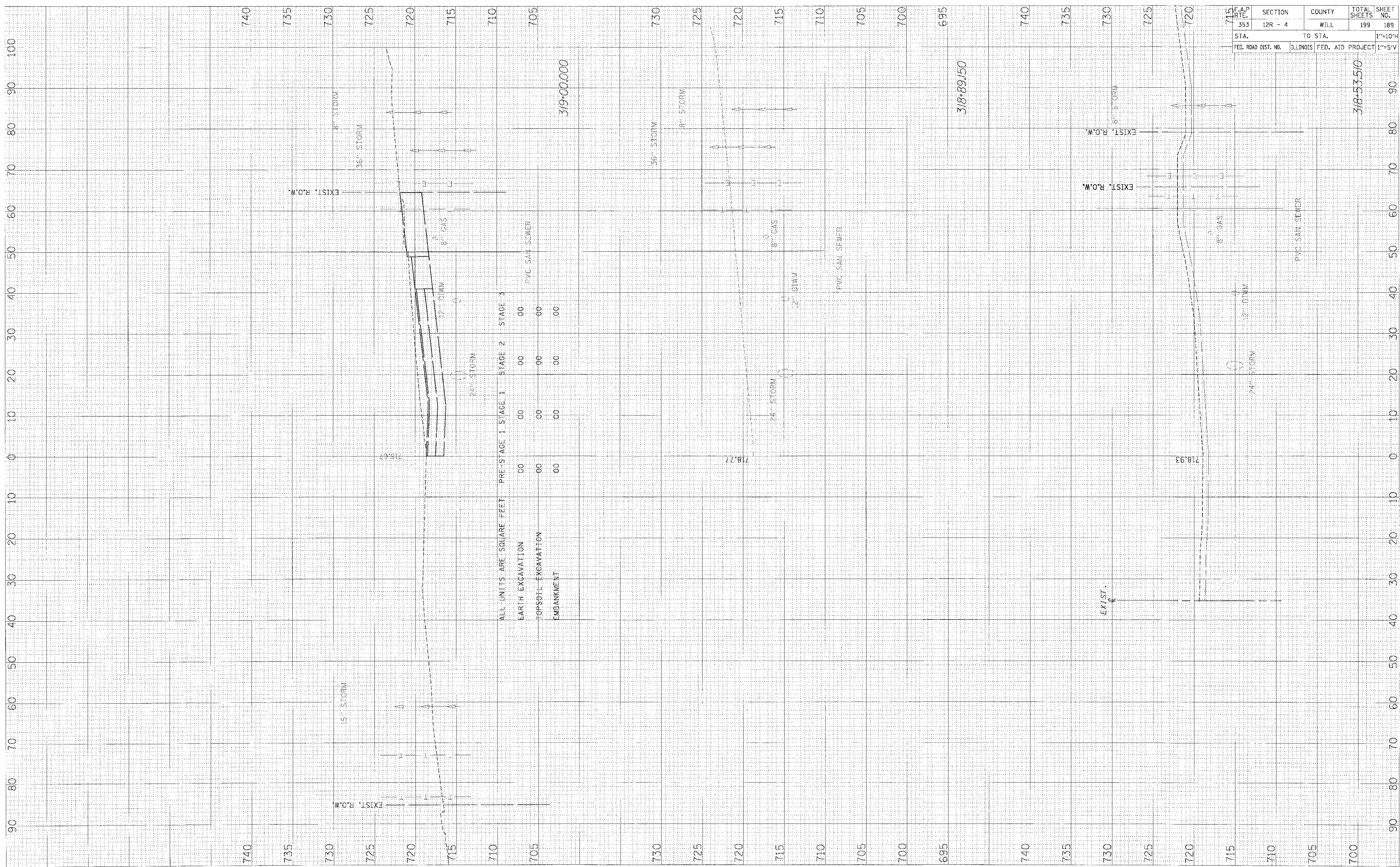
316+00.00

700

DATE

FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 NO. AREAS CHECKED



ALL UNITS ARE SQUARE FEET PRE-STAGE 1 STAGE 1 STAGE 2 STAGE 3

EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

319+00.000

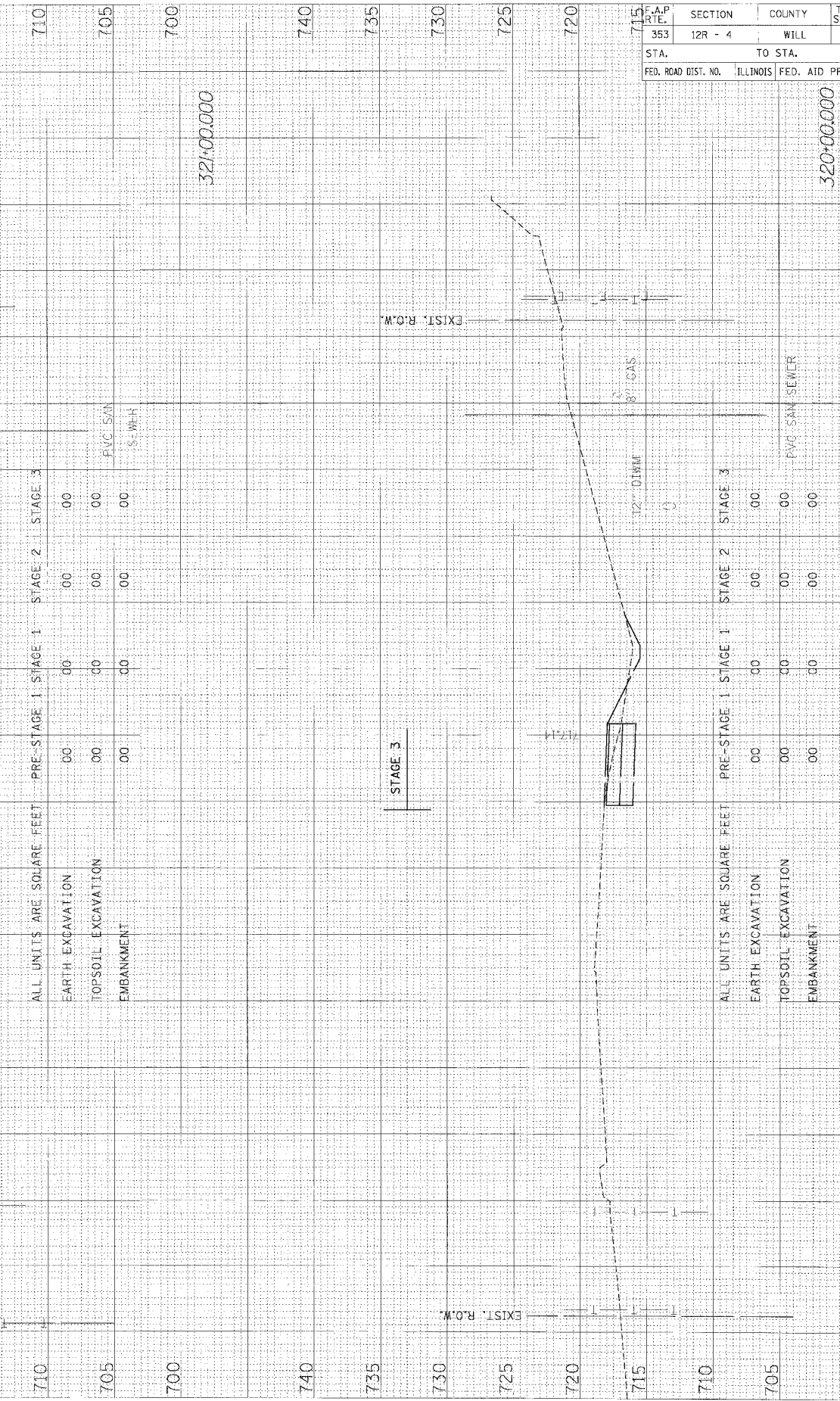
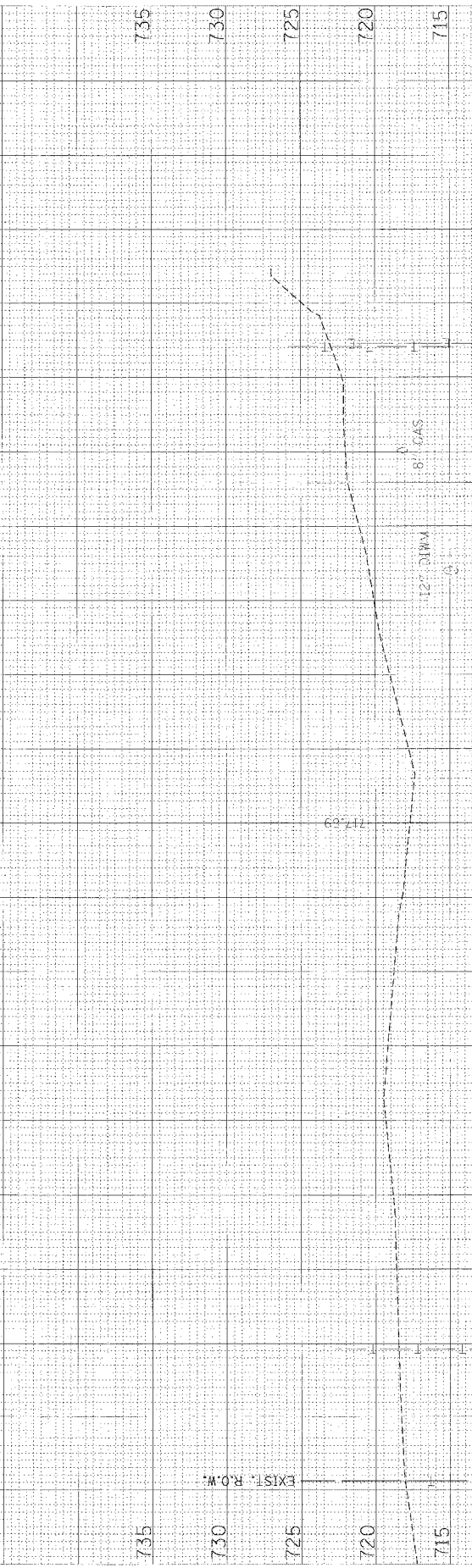
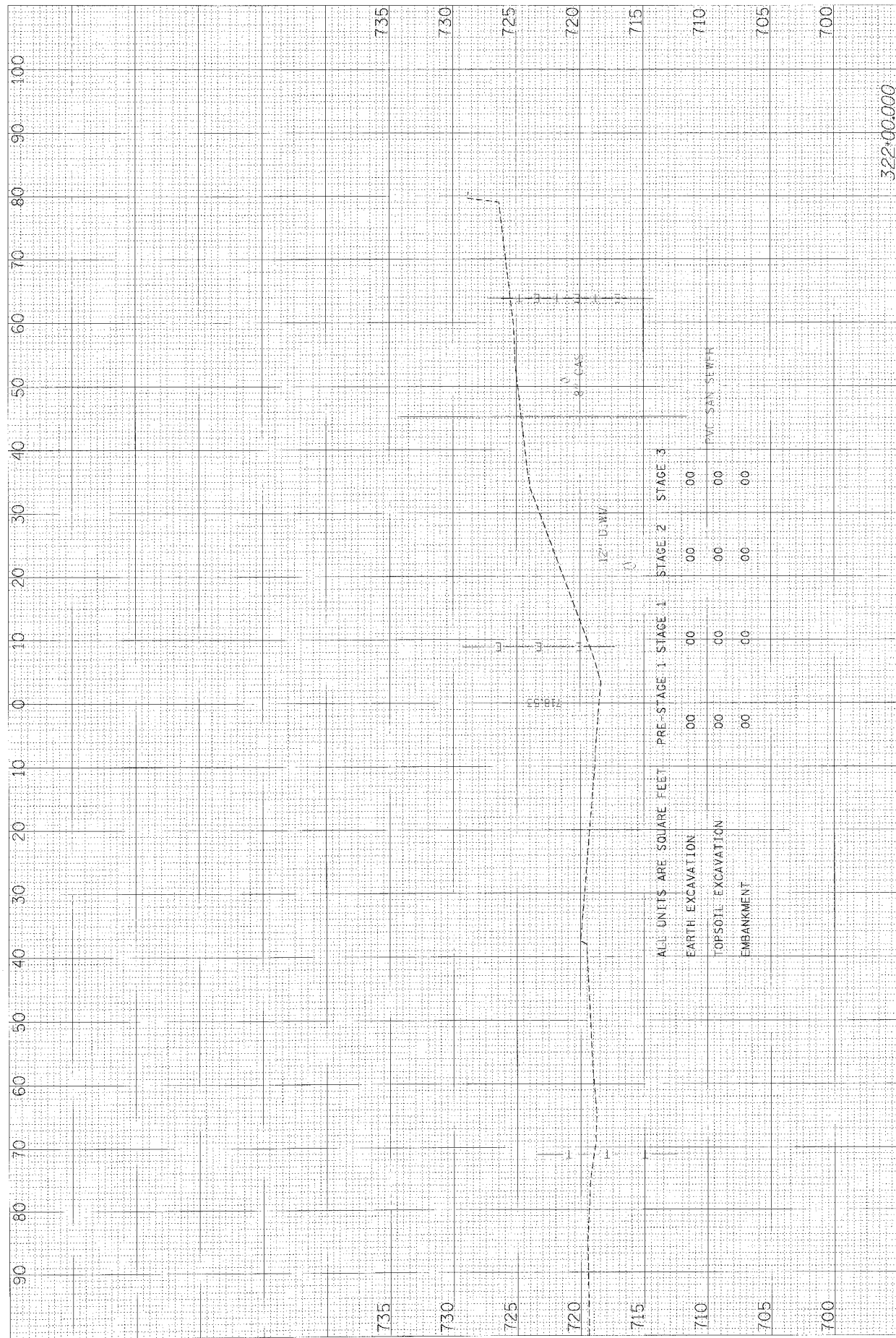
318+89.50

318+53.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	189
STA.	TO STA.		SCALE	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=10'H	
			1"=5'V	

FINAL
 SURVEY
 PLOTTED
 DATE

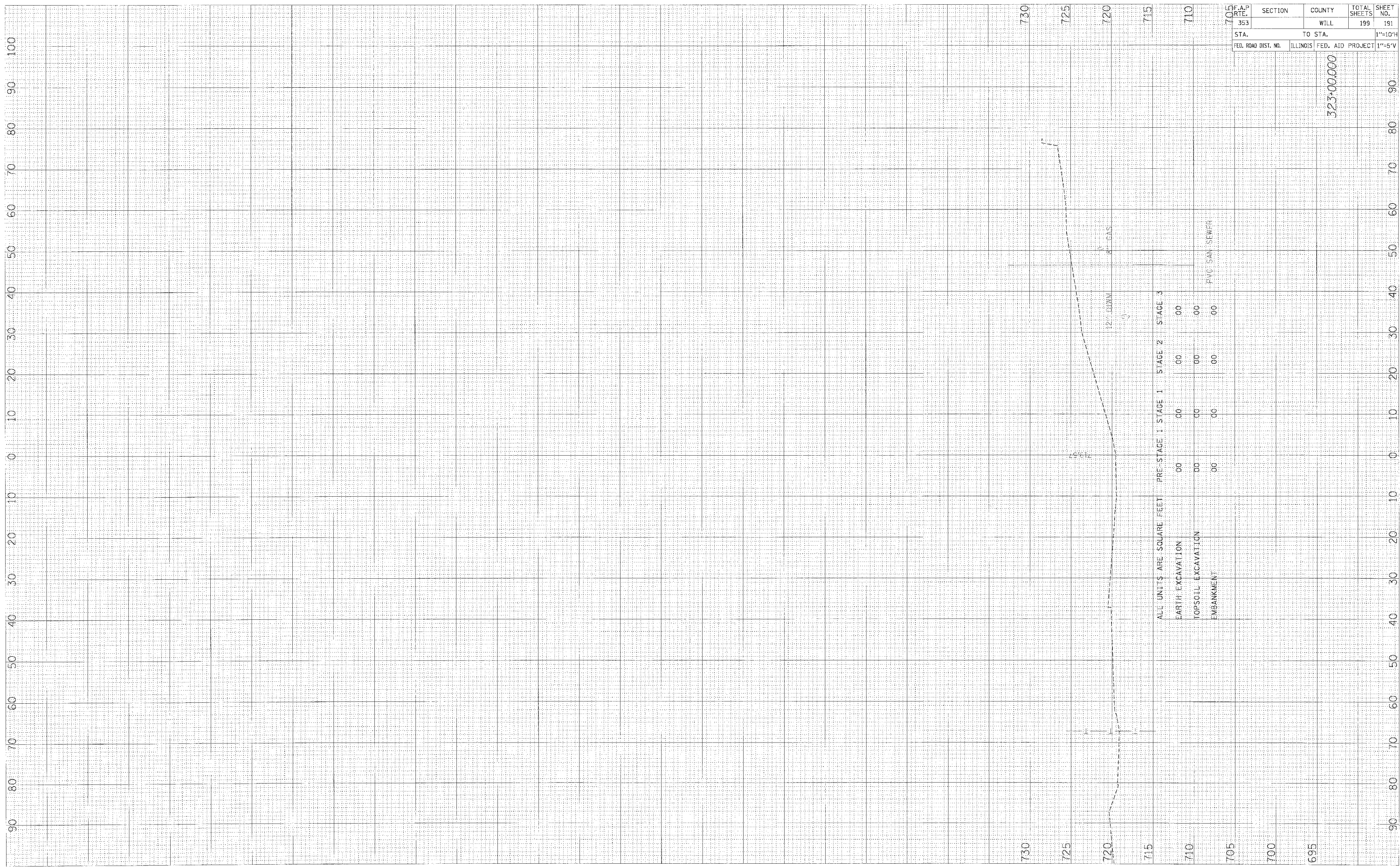
ORIGINAL
 SURVEY
 PLOTTED
 DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	190
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

FINAL SURVEY PLOTTED TO NOTE BOOK AREA CHECKED BY DATE

ORIGINAL SURVEY PLOTTED TO NOTE BOOK AREA CHECKED BY DATE

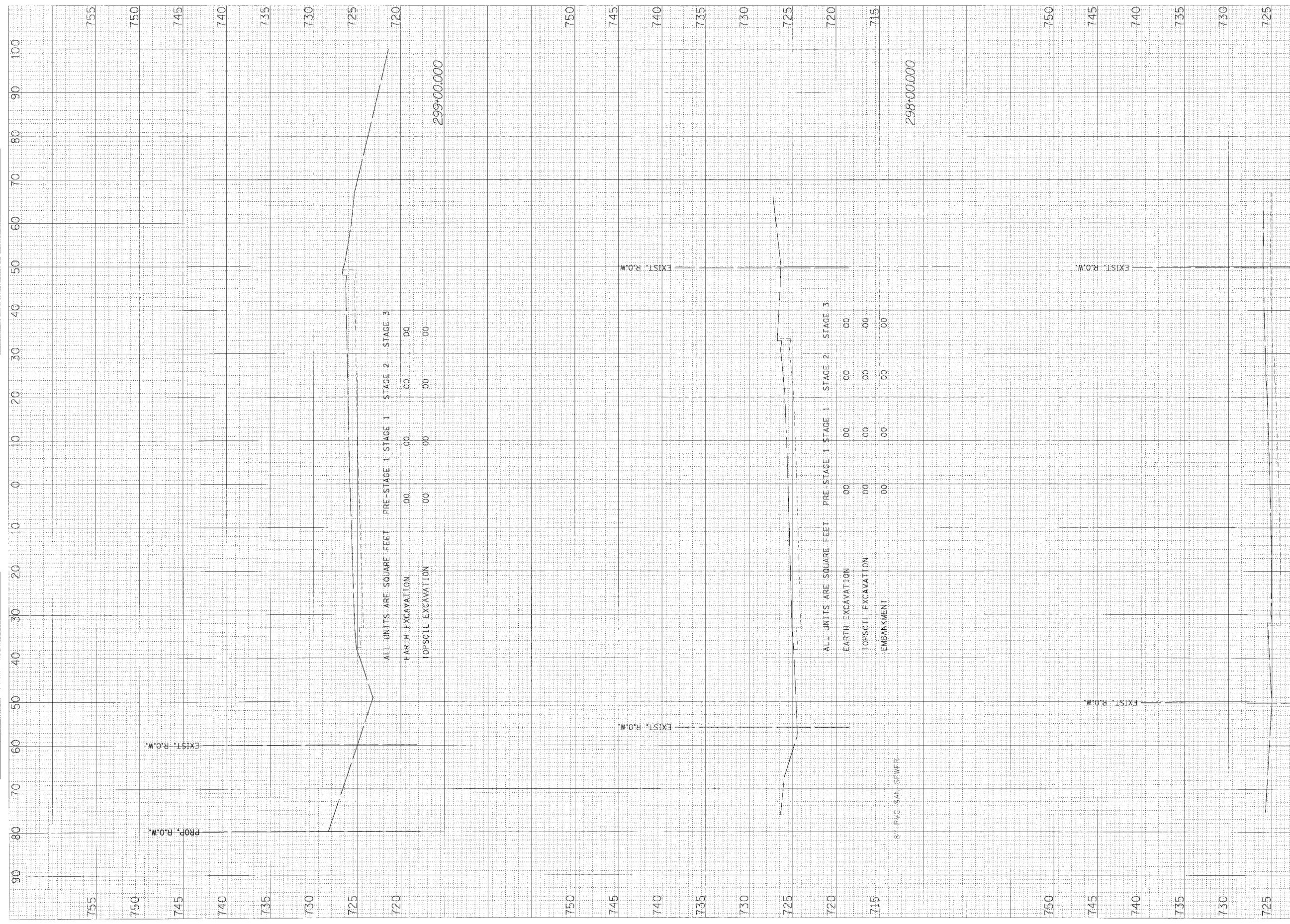


F.A.P. RTE. 353	SECTION	COUNTY	TOTAL SHEETS 199	SHEET NO. 191
STA. TO STA.	WILL		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

523+00.000

FINAL SURVEY	DATE
NOTED	BY
NO.	DATE

ORIGINAL SURVEY	DATE
NOTED	BY
NO.	DATE



ALL UNITS ARE SQUARE FEET
 PRE-STAGE 1 STAGE 1 STAGE 2 STAGE 3
 EARTH EXCAVATION 00 00 00 00
 TOPSOIL EXCAVATION 00 00 00 00
 299+00.000

ALL UNITS ARE SQUARE FEET
 PRE-STAGE 1 STAGE 1 STAGE 2 STAGE 3
 EARTH EXCAVATION 00 00 00 00
 TOPSOIL EXCAVATION 00 00 00 00
 EMBANKMENT 00 00 00 00
 298+00.000

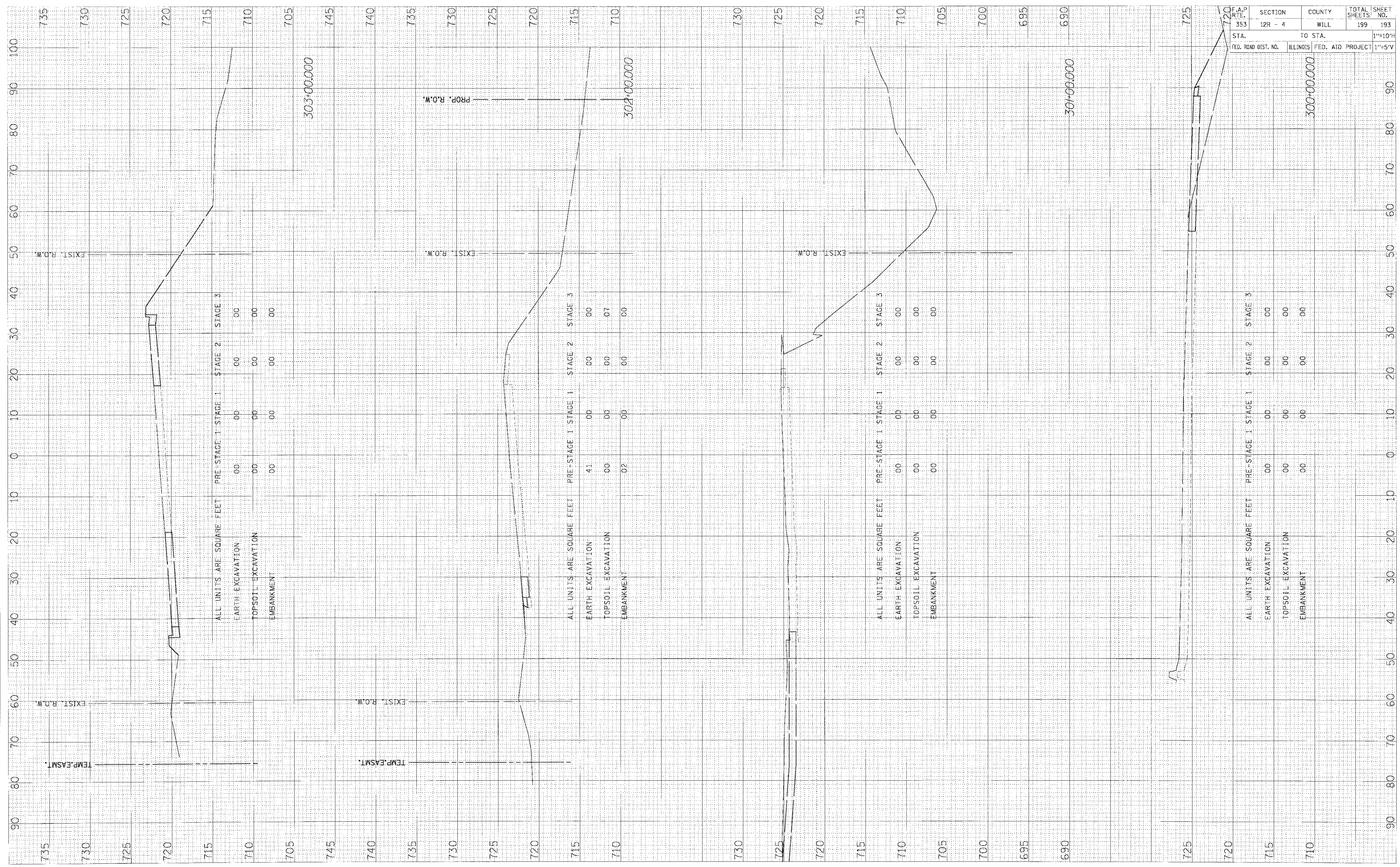
ALL UNITS ARE SQUARE FEET
 PRE-STAGE 1 STAGE 1 STAGE 2 STAGE 3
 EARTH EXCAVATION 00 00 00 00
 TOPSOIL EXCAVATION 00 00 00 00
 297+00.000

F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 192
STA. 297+00.000	TO STA. 299+00.000		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5'V	

PLANNING & CONSTRUCTION SERVICES, INC.

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

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



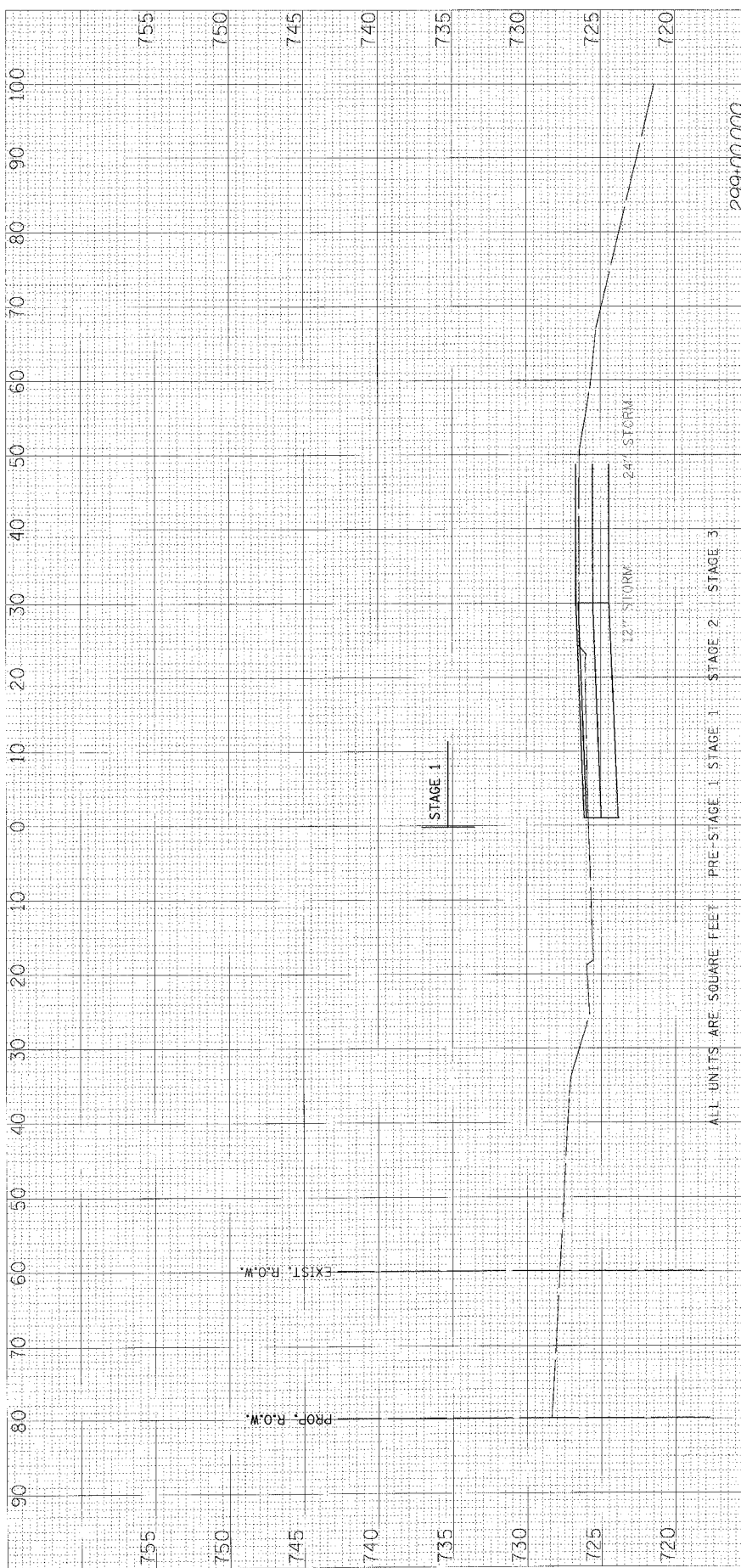
F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 193
STA. 353	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	1"=5'V		

WOLF RD - PRESTAGE 1 X-SECS

FILED IN: 1300-WOLF-12-20-2008

FINAL
 SURVEY
 NO. 10116
 DATE

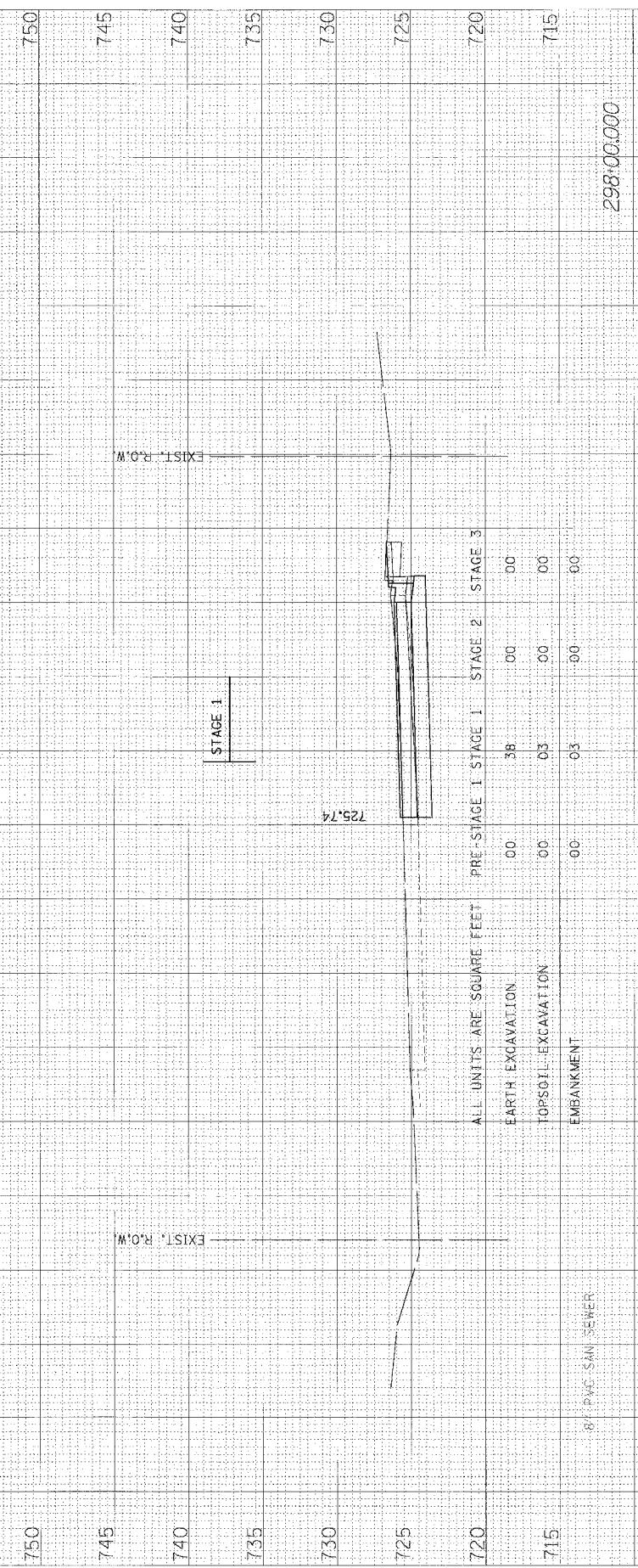
ORIG. W.A.
 SUPPLY
 NO. 10116
 DATE



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	38	00	00
TOPSOIL EXCAVATION	00	03	00	00
EMBANKMENT	00	03	00	00

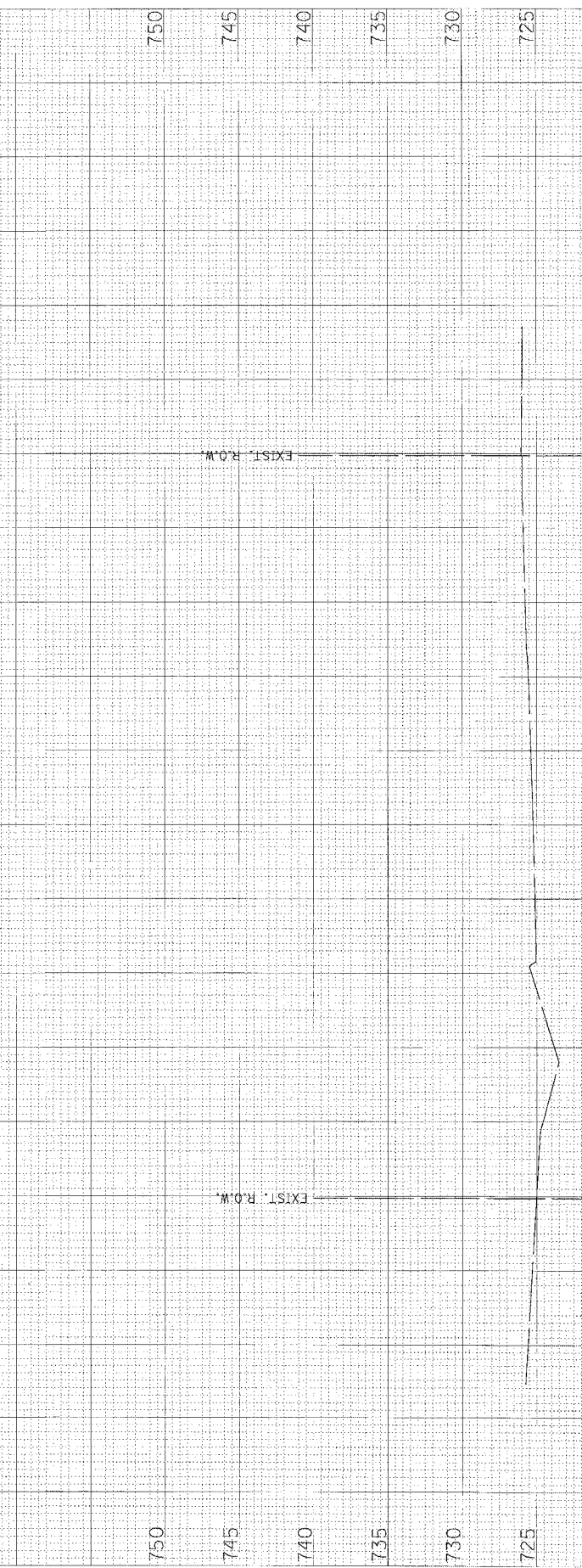
299:00.000



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	38	00	00
TOPSOIL EXCAVATION	00	03	00	00
EMBANKMENT	00	03	00	00

298:00.000



ALL UNITS ARE SQUARE FEET

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

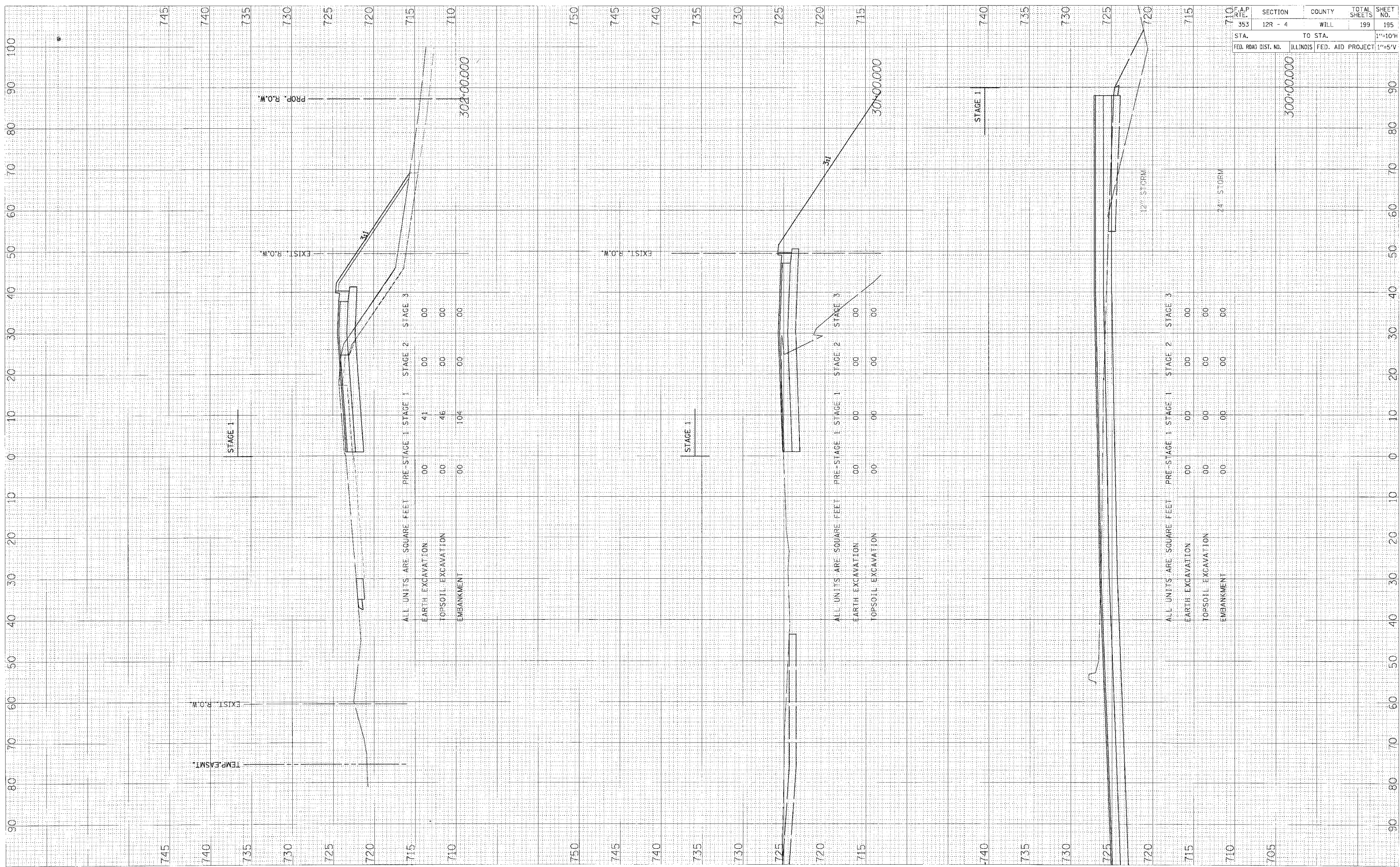
297:00.000

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	194
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

F:\R02\W02_11\304-WOLFSDgn\370702R

FINAL SURVEY PLOTTED DATE
 NOTE BOOK TEMPLATE AREAS CHECKED

ORIGINAL SURVEY PLOTTED DATE
 NOTE BOOK TEMPLATE AREAS CHECKED

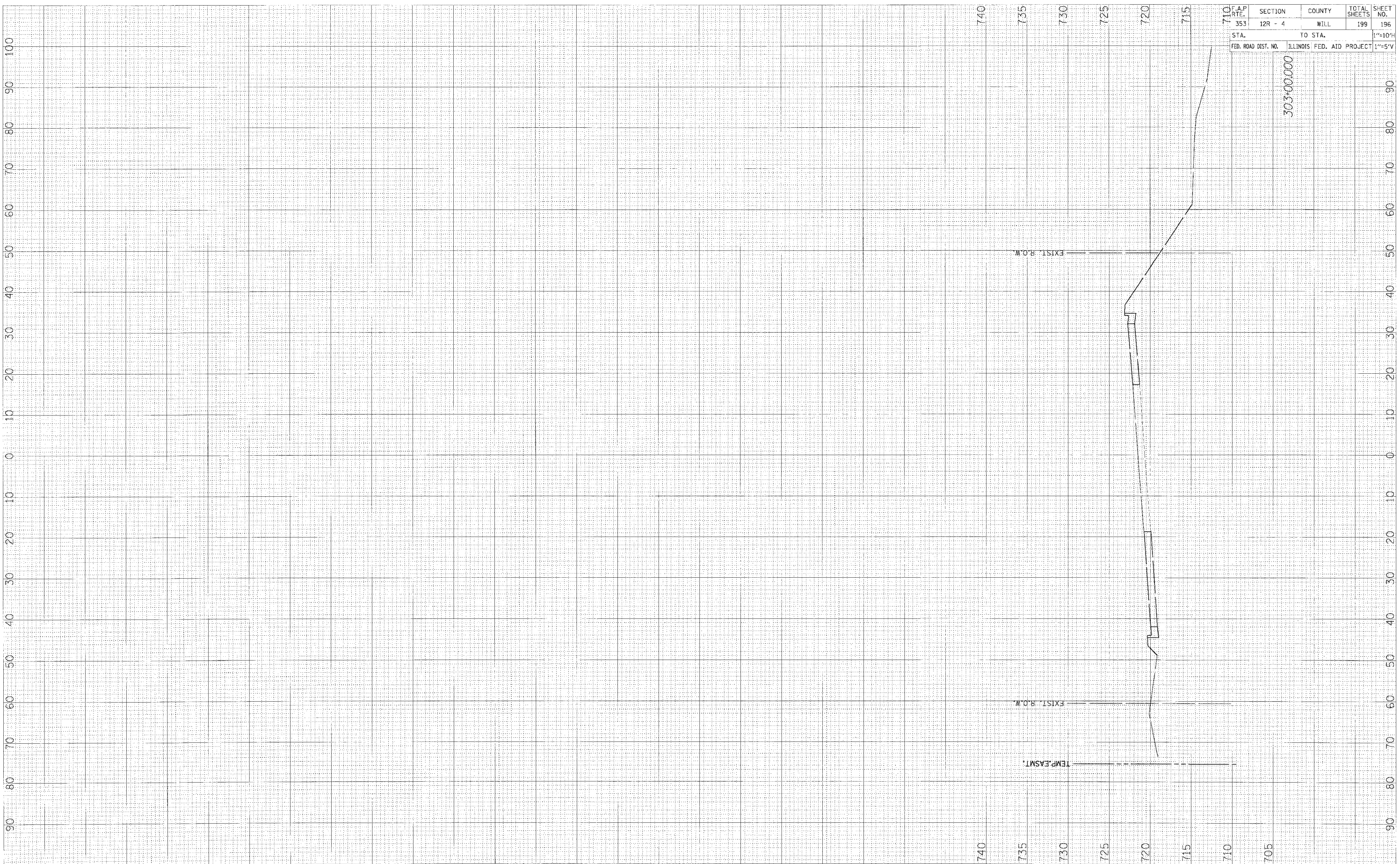


F.A.P. RTE. 353	SECTION 12R - 4	COUNTY WILL	TOTAL SHEETS 199	SHEET NO. 195
STA. 710		TO STA. 720		1"=10'H
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		1"=5'V

F:\1000p\Wolf\11\30W-WOLF Stage 1/20/2005

FINAL SURVEY CHECKED BY DATE
 NOTED BY DATE
 AREAS CHECKED

ORIGINAL SURVEY CHECKED BY DATE
 NOTED BY DATE
 AREAS CHECKED



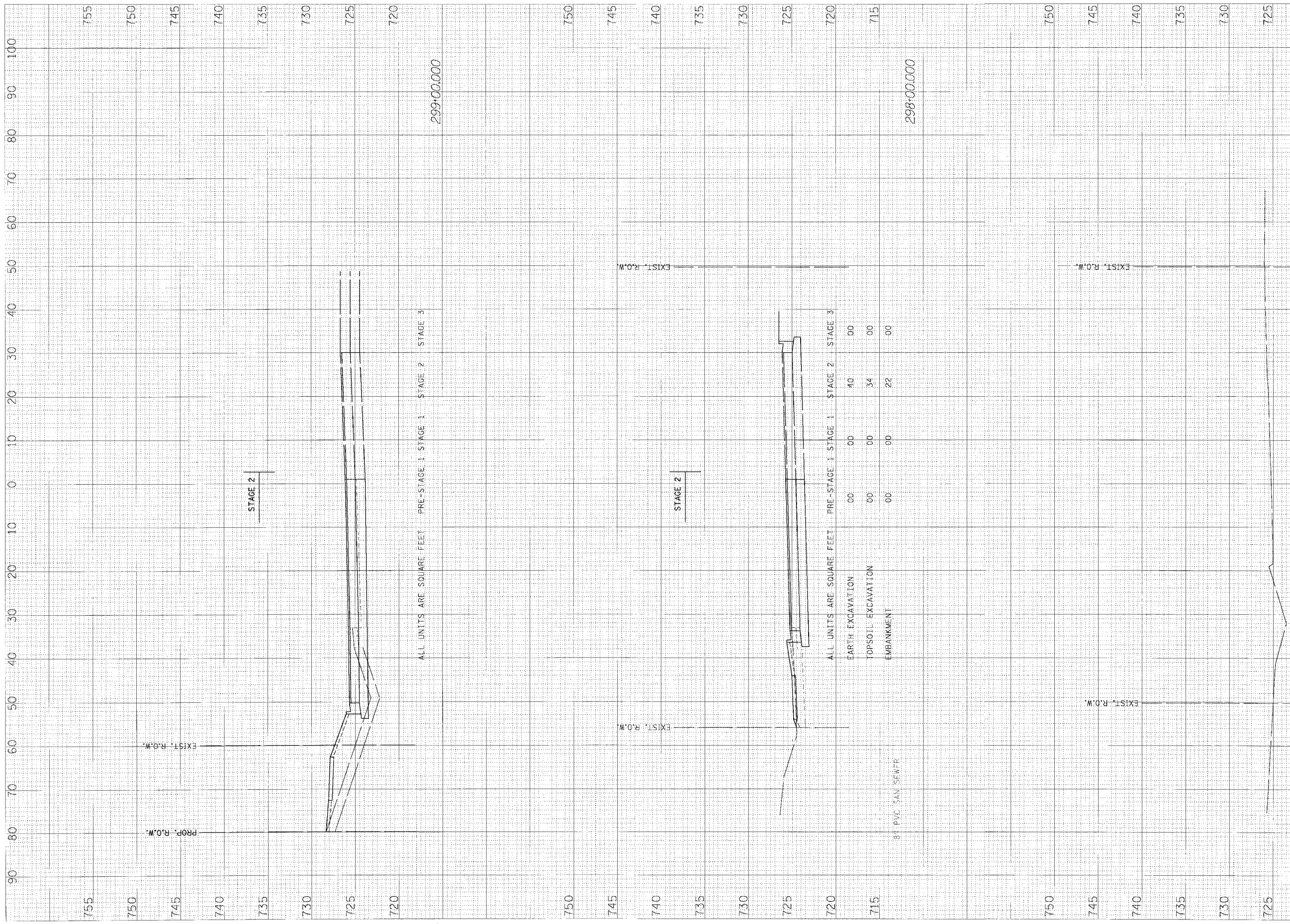
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	196
STA.	TO STA.			SCALE
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			1 1/2"=10'H 1"=5'V

WOLF RD - STAGE 1 X-SECS

F:\A3100A\Wolf Rd\1\30W-WOLF.dgn 3/20/2008

FIN.	SUPERVISOR	DATE
SIXTY	PROJECT	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SUPERVISOR	DATE
SURVEY	PROJECT	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



ALL UNITS ARE SQUARE FEET PRE-STAGE 1 STAGE 1 STAGE 2 STAGE 3

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	40	00
TOPSOIL EXCAVATION	00	00	34	00
EMBANKMENT	00	00	22	00

	PRE-STAGE 1	STAGE 1	STAGE 2	STAGE 3
EARTH EXCAVATION	00	00	00	00
TOPSOIL EXCAVATION	00	00	00	00
EMBANKMENT	00	00	00	00

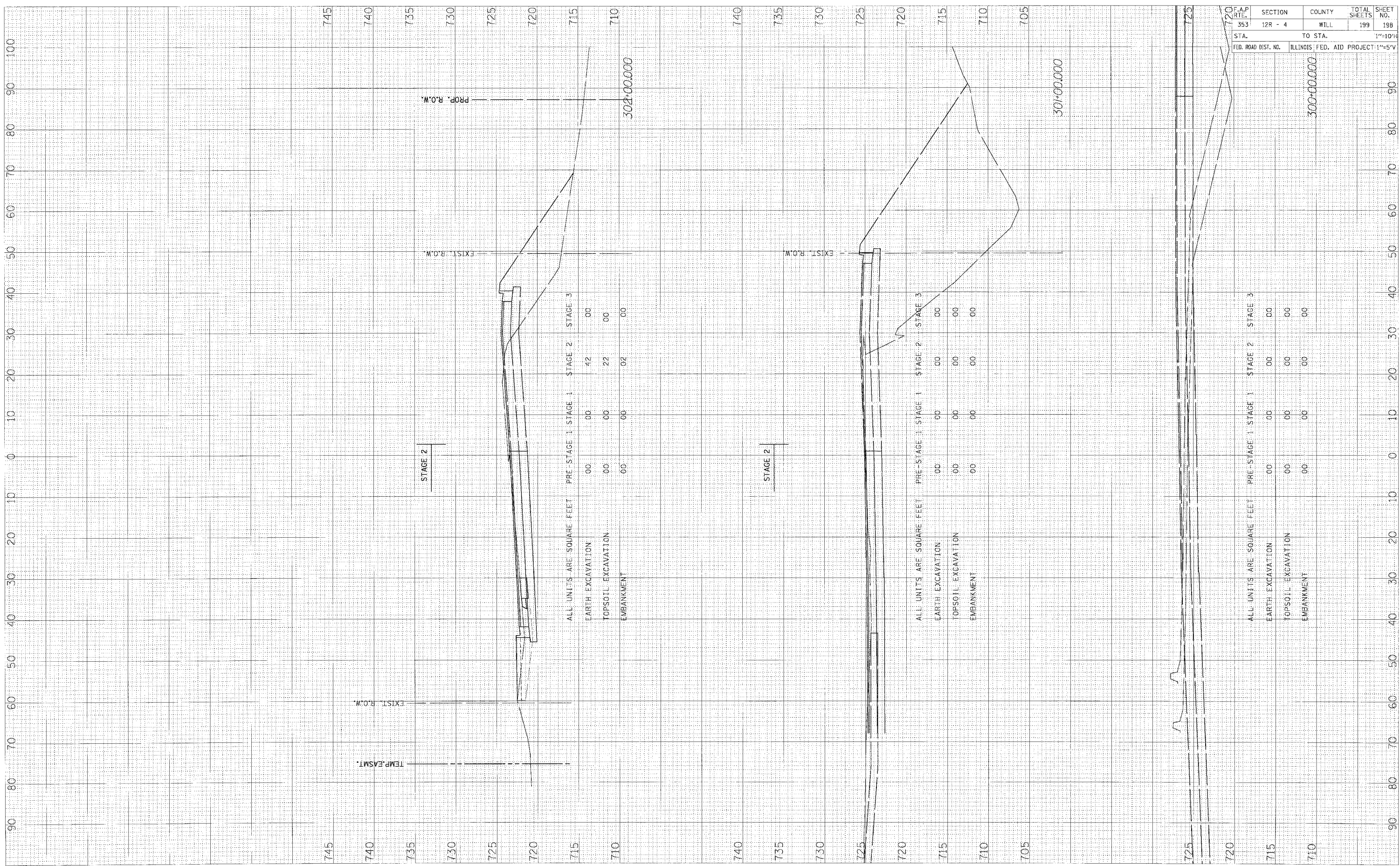
F.A.P. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	197
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

299+00.000
298+00.000
297+00.000

P:\303\wolf.in\30r-wolf2.dwg/20/2008

ORIGINAL SURVEY
 NOTE BOOK NO. _____
 SUPPLEMENTED FLUTTER
 TEMPLATE AREAS CHECKED
 BY _____ DATE _____

FINAL SUPPLY
 NOTE BOOK NO. _____
 SUPPLEMENTED FLUTTER
 TEMPLATE AREAS CHECKED
 BY _____ DATE _____



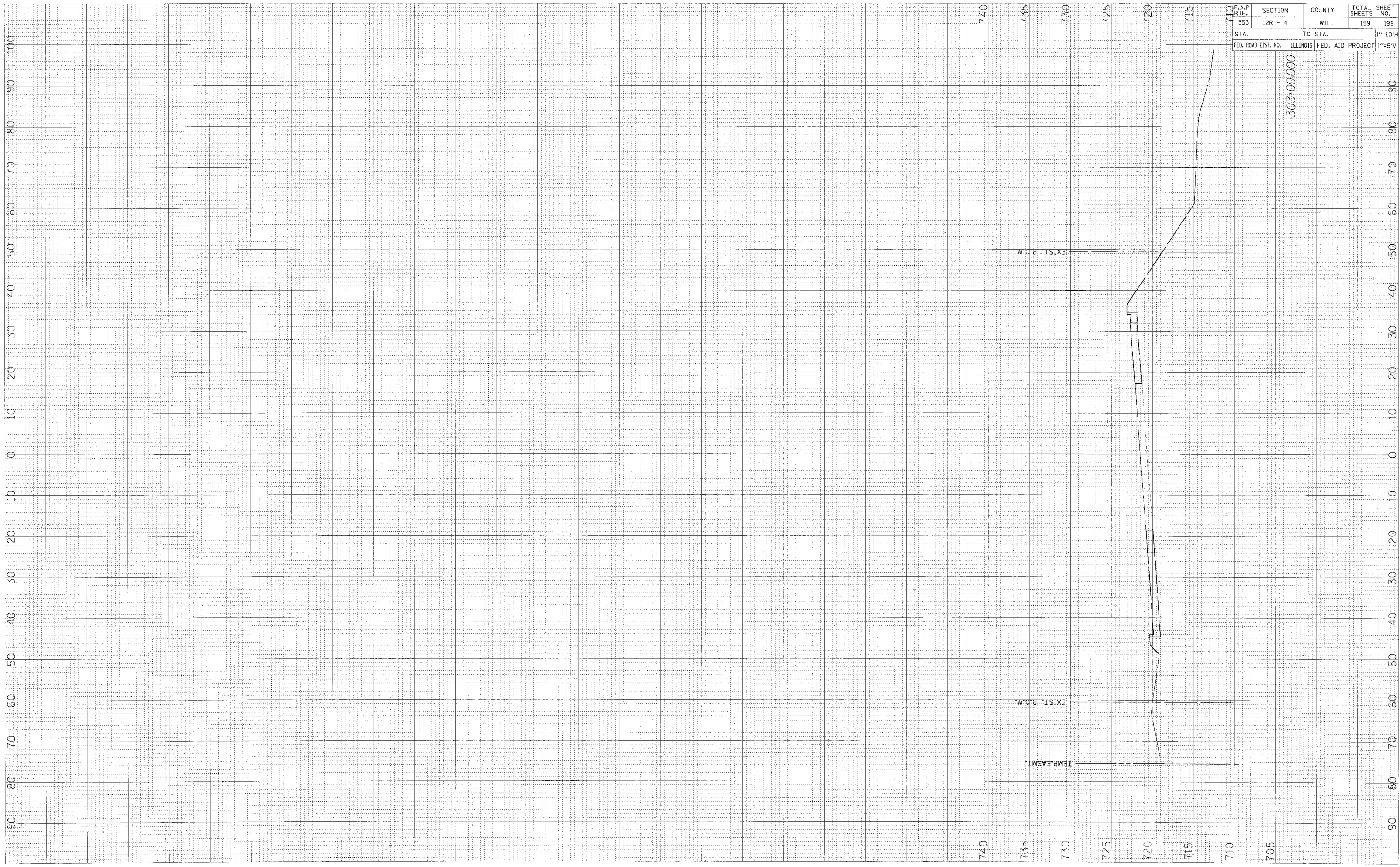
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	198
STA.	TO STA.		1"=10' H	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		1"=5' V	

WOLF RD - STAGE 2 X-SECS

CV-302\wdrf_int\30w_wdrfsc-cs3\202\2008

FINAL SURVEYED SURVEY PLOTTED TEMPLATE NOTE BOOK NO. BY DATE

ORIGINAL SURVEYED SURVEY PLOTTED TEMPLATE NOTE BOOK NO. BY DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	12R - 4	WILL	199	199
STA.	TO STA.		1"=10'H	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	1"=5'V	

303+00.000

11/13/08-wolf2.dgn/11/13/08