

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	1

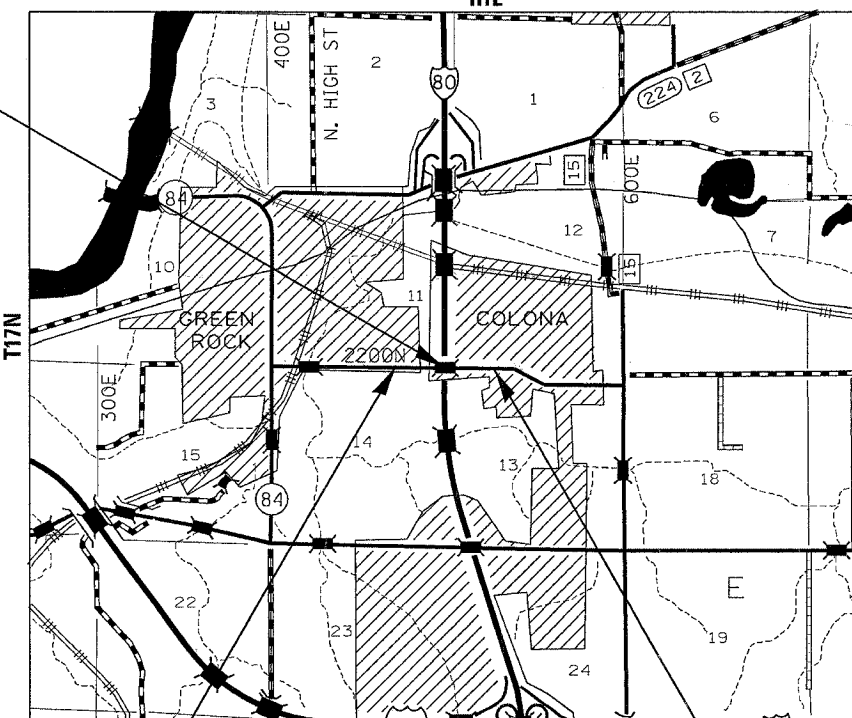
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAI ROUTE 80 (I-80)
SECTION 37-1HBR-1
PROJECT NHI BRI-080-1(139)008
HENRY COUNTY
BRIDGE REPLACEMENT

C-92-002-07

R1E



LOCATION PLAN
SCALE - NA

POPPY GARDEN ROAD
IMPROVEMENT BEGINS STA 35+50
SECTION BEGINS STA 35+90

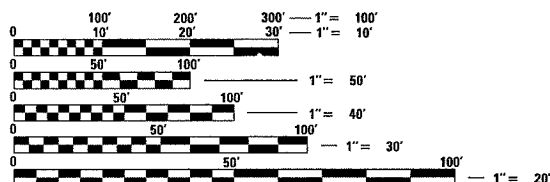
POPPY GARDEN ROAD
IMPROVEMENT & SECTION ENDS
STA 63+70

GROSS LENGTH OF PROJECT = 2780 LIN. FT = .53 MI.
NET LENGTH = 2780 LIN. FT. = .53 MI.

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATE STANDARDS, SEE SHEET NO. 2

POPPYGARDEN ROAD BRIDGE OVER I-80
EXISTING SN-037-0093
PROPOSED SN-037-0171
STA 50+70.90 - STA 52+76.90

SCALES



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

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

COLONA TOWNSHIP 11,12,13,14

CONTRACT NO. 64602

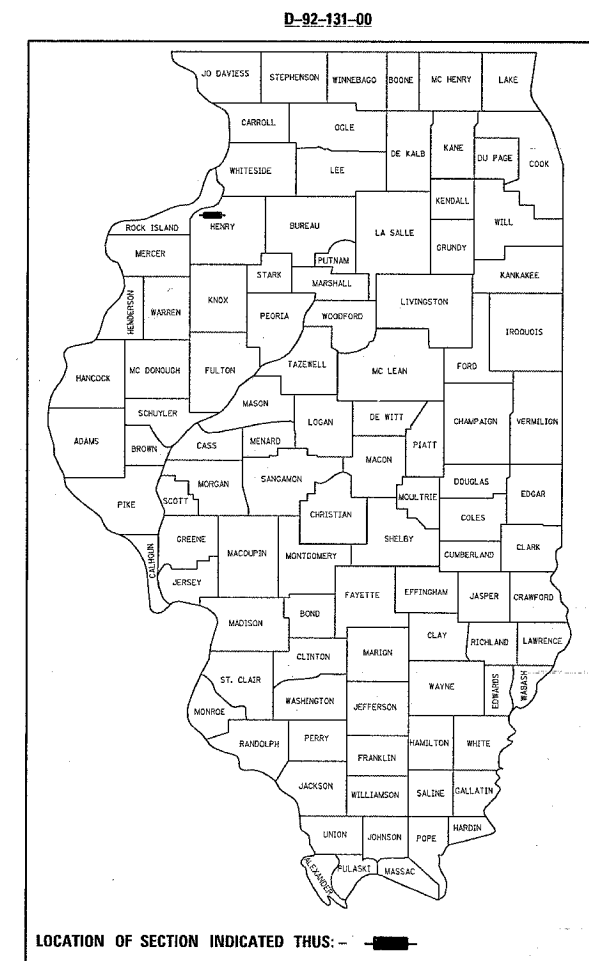
FAI ROUTE 80 (I-80)

SECTION 37-1HBR-1

HENRY COUNTY

SQUAD LEADER: PAUL DREZEN (815)284-5519

PROJECT ENGINEER: MASOOD AHMAD



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Aug 30 20 06
Angus Mount
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
October 13, 20 06
Mike Nune
ENGINEER OF DESIGN AND ENVIRONMENT
October 13, 20 06
Nilton R. Sosa, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REGION 2, DISTRICT 2
DIXON

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..37-1HBR-J	..HENBY	..133	..2	..2
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

INDEX OF SHEETS, STATE STANDARDS

INDEX OF SHEETS

- 1- COVER SHEET
- 2- INDEX OF SHEETS, LISTING OF APPLICABLE HIGHWAY STANDARDS
- 3- 5 GENERAL NOTES
- 6- 8 SUMMARY OF QUANTITIES
- 9- 12 TYPICAL SECTIONS
- 13 BITUMINOUS SCHEDULE
- 14 EARTHWORK SCHEDULE
- 15- 23 SCHEDULE OF QUANTITIES
- 24- 25 ALIGNMENT, TIES, AND BENCHMARKS
- 26- 33 PLAN AND PROFILE SHEETS
- 34- 48 I-80 & CARROLL STREET STAGING PLANS
- 49- 55 UTILITY, DRAINAGE, EROSION CONTROL DETAILS
- 56- 61 RIGHT-OF-WAY/ PAVEMENT REMOVAL SHEETS
- 62 PAVEMENT ELEVATIONS
- 63 CURB & GUTER FLUME DETAIL
- 64- 81 STRUCTURAL SHEETS/ BORING LOGS
- 82- 88 EXISTING BRIDGE PLANS
- 89 STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN (2.1)
- 90 BITUMINOUS APPROACHES AND MAILBOX RETURNS (20.1)
- 91 TRAFFIC CONTROL FOR ROAD CLOSURE (40.1)
- 92- 93 TYPICAL PAVEMENT MARKING (41.1)
- 94 DETAILS OF PLANTING AND BRACING TREES (92.1)
- 95 EROSION CONTROL DETAILS FOR SILT FENCE (29.2)
- 95 FIELD TILE JUCTION VAULTS 600 (24) AND 900 (36) DIA. (30.2)
- 96 WITNESS MARKER AND PERMANET SURVEY MARKERS, TYPE II (66.2)
- 96 PRECAST REINFORCED CONCRETE ARCH DIAMETER FLARED END SECTION (86.2)
- 97 TYPICAL AGGREGATE BASE SIDEROAD (93.2)
- 98 DETAIL OF BITUMINOUS AT GUARD RAIL (23.4)
- 98 BITUMINOUS SHOULDER (23.4a)
- 98 CONCRETE HEADWALLS FOR PIPE DRAINS (27.4)
- 98 STONE WELL SPECIAL (30.4)
- 99 DELINEATOR AND POST ORIENTATION (37.4)
- 99 TYPICAL BENCHING ON EXISTING EMBANKMENT (50.4)
- 99 LAND SECTION & REFERENCE MARKERS (63.4)
- 99 TREE REPLACEMENT SCHEDULE (90.4)
- 100 BARRIER REFLECTORS (92.4)
- 100 DRAIN FOR AGGREGATE BASE COURSE (96.4)
- 101- 133 CROSS SECTIONS

STATE STANDARDS

- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 406201 MAILBOX TURNOUT
- 420001-06 PAVEMENT JOINTS
- 420401-05 BRIDGE APPROACH PAVEMENT
- 421001-01 BAR REINFORCEMENT FOR CRC PAVEMENT
- 421101-05 7.2m (24 5/32) CRC PAVEMENT
- 442201-01 CLASS C AND D PATCHES
- 482001 BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-02 NAME PLATE FOR BRIDGES
- 542301 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542401 METAL END SECTION FOR PIPE CULVERTS
- 601101 CONCRETE HEADWALL FOR PIPE DRAIN
- 604036-01 GRATE,TYPE 8
- 606101-01 TYPE A GUTTER (INLET, OUTLET, AND ENTRANCE)
- 609006-02 BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
- 630001-06 STEEL PLATE BEAM GUARDRAIL
- 630301-03 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-05 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001 DELINEATORS
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 642001 SHOULDER RUMBLE STRIPS
- 665001-01 WOVEN WIRE FENCE
- 666001 RIGHT-OF-WAY MARKERS
- 667101 PERMANENT SURVEY MARKERS
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15 5/32) TO 600 mm (24 9/32) FROM PAVEMENT EDGE
- 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15 5/32) AWAY
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED > 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS 13/32 DAY ONLY
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-03 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701402-05 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
- 701406-04 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 702001-06 TRAFFIC CONTROL DEVICES
- 704001-02 TEMPORARY CONCRETE BARRIER
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 000001-01 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT

PLOT DATE = Fri Sep 01 11:05:23 2006
 FILE NAME = c:\projects\10213100\10213100lev.dgn
 USER = jrb / rl
 USER NAME = jrb

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____
DRAWN BY _____		CHECKED BY _____
DATE _____		

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80 (I-80)	37-1HBR-1	Henry	133	3
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64602				

See cross sections for special ditches and backslopes.

At the locations where Excavation Quantities on the plans are indicated as having been estimated, the Engineer will obtain original and final cross sections to determine Pay Quantities.

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

It is estimated that 27,209 cubic yards of earth will be hauled to the job from outside the project limits. An average shrinkage factor of 25% has been used.

The topsoil excavation quantities have been adjusted to allow for 25 shrinkage of topsoil between removal and replacement.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Mulch on temporary seeding shall be MULCH METHOD 2.

For the trees identified on the plans as "to be saved", care shall be taken to avoid impacts and to minimize root system disturbance and damage during adjacent excavation and construction.

Tree replacement layout shall be performed by the District Landscape Architect.

Mulch shall be hardwood wood chips, 5 foot width, 4 inches thick with weed barrier fabric.

Alternate planting site: FAI-80, 74 & 280 interchange.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

Placement and compaction of the backfill for AR culverts shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to the Interim Special Provision for COARSE AGGREGATE FOR TRENCH BACKFILL, BACKFILL AND BEDDING, and shall be compacted to a minimum of 95% of the standard laboratory density. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of pipe involved or other unit price item of the work for which it is required.

The subgrade on this project, exclusive of rock cut areas is scheduled to be improved to a 300 mm (12") depth according to Mechanistic Pavement Design. The areas scheduled to be improved to a depth greater than 300 mm (12") are estimated based on the original geotechnical investigation. The subgrade shall be processed in accordance with Article 301.03 of the Standard Specifications before the engineer shall determine the limits and the additional thickness of improvement required, if any. Any additional undercutting required after this evaluation shall be paid for as EARTH EXCAVATION.

Except for the top 75 mm (3"), all aggregate bases and subbases 300 mm (12") in thickness shall be constructed of aggregate gradation CA-2. If the specified thickness exceeds 300 mm (12"), the bases or subbases shall be constructed of topline 150 mm (6") breaker-run crushed stone with 70% to 90% by weight, passing the 4" sieve and 15% to 40% by weight, passing the 50 mm (2") size sieve, except for the top 75 mm (3"). The breaker-run crushed stone shall be reasonably uniformly graded from coarse to fine and be taken from a quarry ledge capable of producing Class "D" quality aggregate. The top 75 mm (3") shall be gradation CA-6 or CA-10 regardless of thickness. The water necessary to achieve compaction in all but the top 75 mm (3") layer may be added after the subbase or base course is placed on the grade.

All embankment constructed of cohesive soil shall be constructed with not more than 110% of optimum moisture content, determined by the standard proctor test. Cohesive soil shall be defined as any soil which contains greater than 10% particles by weight passing the 75 µm (#200 sieve). The 110% of optimum moisture limit may be waived in free-draining granular material when approved by the Engineer.

Cost of removal and disposal of material from the temporary patch shall be included in AGGREGATE BASE COURSE, TYPE B.

The existing bituminous surface on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL BITUMINOUS SURFACING.

The following Mixture Requirements are applicable for this project:

Higher Volume N50 ESALs>0.3
Poppy Garden Road

Mixture Uses(s):	Surface	Binder	Top Shoulder/Incidental/Temporary	Bottom Shoulder
PG:	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP%: (Max)	15	25	30	50
Design Air Voids	4.2 @ N50	4.2 @ N50	3 @ N50	2 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 of IL 12.5	IL 19.0	IL 9.5 or IL 12.5	BAM
Friction Aggregate	C	N/A	C	N/A
20 Year ESAL	N/A		N/A	N/A

Full-depth pavement will have SBS PG 64-28 when over 500 tons

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

On full depth pavement, shoulder widths of 1.8 m (6 ft) or less maybe placed, at the Contractor's option, simultaneously with the adjacent traffic lane for both the binder and surface courses, provided the cross slope of both the pavement and shoulder can be satisfactorily obtained. The shoulder will be paid for at the contract unit price per Square Meter (Square Yard) for BITUMINOUS SHOULDERS of the thickness specified on the plans.

A contingency for "rumble strip" has been added to this contract should the shoulders on I-80, as identified on the plans, be damaged and repair of existing rumble strips is necessary. This pay item will be used as directed by the Engineer.

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per Square Yard for BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 8-1/2".

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80 (I-80)	37-1HBR-1	Henry	133	4
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64602				

Bituminous and Aggregate Prime Coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coat shall be included in the contract unit price of the work for which it is required.

The new number for this structure will be 037-0171.

The contractor shall submit four copies of the required shop drawings for review and approval to the Bureau of Bridges and Structures, 2300 South Dirksen Parkway, Springfield, IL 62764. After approval of initial submittal, the contractor shall submit one set of shop drawings to Eric Harm, Engineer of Materials, 126 East Ash Street, Springfield, IL 62706, and eight (8) sets of shop drawings to be distributed to:

- District 2 District Engineer (1)
- Fabricator (1)
- Contractor (2)
- Resident Engineer (2)
- District 2 Bureau of Materials (2)

The additional thickness of proposed pavement required to match the bridge approach pavement, shown in Standard 420401, shall be included in the cost of the proposed pavement and not paid for separately.

The thickness for the Bridge Approach Pavement Connector (Flexible) adjacent to existing pavement shall be a minimum of 300 mm (12"). The material shall be 50 mm (2") Bituminous Concrete Surface Course Mixture D, and the remaining thickness shall be Bituminous Binder Course.

At bridge expansion joints, if temporary expansion joint bulkheads are attached to adjacent deck slabs or abutments for support, the Contractor shall cut the attachments as soon as the concrete has set to prevent joint damage due to horizontal contraction or expansion.

The curb is required on the bridge approach pavement as shown on Standard 420401.

Reflector Markers Type B shall be installed on the top of bridge parapet walls. The markers shall be according to Standard 635011 and the color and spacing according to Standard 635006, except the minimum is 2 per side.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

It is anticipated that several mailboxes will require relocation to the approach side of the entrances. When this is done, the contractor shall be required to mount the mailbox on a 100 mm x 100 mm (4" x 4") wood post 1 m (40 inches) above the shoulder surface and extending to a minimum of 0.6 m (24 inches) into the embankment. This work shall be included in the contract unit price for the EARTH EXCAVATION. There are an estimated 3 mailboxes to be relocated.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Furnished Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 3 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2.

The Resident Engineer shall determine the location of each Permanent Survey Marker Type II based on the project plans and modify locations as necessary. The Resident Engineer shall submit proposed locations to the Department's Chief of Survey a minimum of two weeks prior to Contractor installation for review and approval by the Department

The Contractor shall begin fence erection as soon as clearing operations permit. Before moving existing fence from an area that contains livestock, the Contractor shall erect, along the proposed right-of-way, a temporary fence or wire meeting the approval of the Engineer.

A contingency of 1,230 lineal feet of temporary fence has been included for those areas that might contain livestock. Temporary fence will be used as directed by the engineer.

All gutter outlets shall be extended to ditch flow as directed by the Engineer.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be placed 300 mm (12 inches) inside the new right-of-way line.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Geneseo Telephone
Mediacom
City of Colona

MidAmerican Energy Co.
MCI World Com

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

Mr. Robert Delp
Farmers Mutual Electric Co.
PO Box 43
1004 S. Chicago St.
Geneseo, IL 61254-0043
Ph. 309/944-4669

Mr. Kyle Lorenz
IDOT - District 2
819 Depot Ave.
Dixon, IL 61021
Ph. 815/284-5469

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80 (I-80)	37-1HBR-1	Henry	133	5
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64602				

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

Where field tile is encountered, Storm Sewer (Special) pipe will be used in accordance with Section 611 of the Standard Specifications. The minimum size for replacement will be 200 mm (8 in.) for Storm Sewer (Special), but the size must be at least 50 mm (2 in.) larger than the adjoining tile. A field tile junction vault will be constructed at the right-of-way line in order to connect the tile and storm sewer (special) pipe.

These items have been included in this contract as contingency items for locating and replacing existing farm tile systems crossing within the proposed right-of-way:

EXPLORATION TRENCH (48")	750.00 LIN. FT.
FIELD TILE JUNCTION VAULT (2' DIA.)	4 EACH
STORM SEWER SPECIAL 8"	100 LIN. FT.
STORM SEWER SPECIAL 10"	100 LIN. FT.
STORM SEWER SPECIAL 12"	100 LIN. FT.

Commitments:

1. The Contractor will not reconstruct both the Private Entrance located at Sta. 39+75 LT and the Field Entrance located at Sta. 41+65 LT simultaneously. Only one of the above entrances shall be constructed at any given time.
2. Throughout the construction process the Contractor will not disturb the following:
 - a. Existing well located at Sta. 38+87 approximately 45-feet LT of centerline.
 - b. Two trees located adjacent to the Private Entrance (Sta. 38+67 LT) located at Sta. 38+58 LT and Sta. 38+78 LT, both of which are approximately 33 feet LT of centerline.
 - c. Trees located at Sta. 38+37 RT approximately 33 feet RT of centerline, Sta. 37+54 RT approximately 34 feet RT of centerline, Sta. 37+89 RT approximately 34 feet RT of centerline, and Sta. 38+78 approximately 33 feet RT of centerline.
 - d. Existing sign located at Sta. 38+42 RT approximately 35.50 feet RT of centerline.
 - e. The tree located on Carroll Street, Sta. 101+04 RT approximately 50 feet RT of centerline.
 - f. The "Well Hand Pump" located at Sta. 48+21.40 approximately 76 feet LT of centerline.
3. The Contractor will not plant trees within the State right-of-way from Sta. 53+00 RT to Sta. 63+70 RT.
4. The Contractor shall install woven wire fence and woven wire fence gate as shown on the project plans from Sta. 38+64 RT to Sta. 50+45 RT.

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-BD-	37-IHRR-J	HENRY	133	6
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

CODE NUMBER	ITEM	UNITS	URBAN		90%-FED	80%-FED
			TOTAL	1000 ROADWAY	10%-STATE NHS	20%-STATE BR
20100110	TREE REMOVAL (6 TO 15 UNITS)	UNIT	349	349		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	70.9	70.9		
20101000	TEMPORARY FENCE	FOOT	1230	1230		
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	405.3	405.3		
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	405.3	405.3		
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	405.3	405.3		
20200100	EARTH EXCAVATION	CU. YD.	9006	9006		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	16.28	16.28		
20400800	FURNISHED EXCAVATION	CU. YD.	27209	27209		
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU. YD.	150			150
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ. YD.	1475	1475		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ. YD.	27176	27176		
21301048	EXPLORATION TRENCH 48" DEPTH	FOOT	750	750		
* 251000100	SEEDING, CLASS 1	ACRE	0.12	0.12		
* 25000210	SEEDING, CLASS 2A	ACRE	0.51	0.51		
* 25000310	SEEDING, CLASS 4	ACRE	3.87	3.87		
* 25000750	MOWING	ACRE	4.5	4.5		
* 25100115	MULCH, METHOD 2	ACRE	4.5	4.5		
25100630	EROSION CONTROL BLANKET	SQ. YD.	8341	8341		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5400	5400		
28000300	TEMPORARY DITCH CHECKS	EACH	70	70		
28000400	PERIMETER EROSION BARRIER	FOOT	1964	1964		
28000500	INLET & PIPE PROTECTION	EACH	12	12		
28100107	STONE RIPRAP, CLASS A4	SQ. YD.	25	25		
28100109	STONE RIPRAP, CLASS A5	SQ. YD.	64			64
28200200	FILTER FABRIC	SQ. YD.	89	89		
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	5705.16	5705.16		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	1,887	1,887		
40600895	CONSTRUCTING TEST STRIP	EACH	2	2		
40600990	TEMPORARY RAMP	SQ. YD.	293.33	293.33		

*SPECIALTY ITEM

CODE NUMBER	ITEM	UNITS	URBAN		90%-FED	80%-FED
			TOTAL	1000 ROADWAY	10%-STATE NHS	20%-STATE BR
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	287.6	287.6		
42001165	BRIDGE APPROACH PAVEMENT	SQ. YD.	214	214		
42001300	PROTECTIVE COAT	SQ. YD.	906.4			906.4
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ. YD.	43.1	43.1		
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ. YD.	155	155		
44000100	PAVEMENT REMOVAL	SQ. YD.	2667	2667		
44000700	APPROACH SLAB REMOVAL	SQ. YD.	178	178		
44004300	PAVEMENT BREAKING	SQ. YD.	3343	3343		
44201709	CLASS D PATCHES, TYPE III, 5"	SQ. YD.	16.67	16.67		
48100100	AGGREGATE SHOULDERS, TYPE A	TON	831	831		
48202400	BITUMINOUS SHOULDERS, SUPERPAVE 6"	SQ. YD.	691	691		
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1		
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1		
50102600	CONCRETE REMOVAL	EACH	2			2
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4		
50105210	REMOVE EXISTING CULVERTS	FOOT	384	384		
50200100	STRUCTURE EXCAVATION	CU. YD.	262			262
50300225	CONCRETE STRUCTURES	CU. YD.	125.2			125.2
50300255	CONCRETE SUPERSTRUCTURE	CU. YD.	243			243
50300260	BRIDGE DECK GROOVING	SQ. YD.	687			687
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L. SUM	1			1
50600505	STUD SHEAR CONNECTORS	EACH	1908			1908
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	77,320			77,320
51100100	SLOPE WALL 4 INCH	SQ. YD.	262			262
51201610	FURNISHING STEEL PILES HP12X63	FOOT	1627			1627
51203610	TEST PILE STEEL HP12 X 63	EACH	2			2
51500100	NAME PLATES	EACH	1			1
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	82	82		
542A1915	PIPE CULVERTS, CLASS A, TYPE 3 30"	FOOT	106	106		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = Tue Sep 12 10:23:06 2006
 FILE NAME = c:\p060000\123108.dwg
 PLOT SCALE = 50.0000 / IN.
 USER NAME = rchasej

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

F.A.I. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.80	37-UHR-J	HENRY	133	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90%-FED	80%-FED
				10%-STATE NHS	20%-STATE BR
				1000 ROADWAY	X771-2A BRIDGE
542A4021	PIPE CULVERTS, CLASS A, TYPE 6 36"	FOOT	362	362	
542C1075	PIPE CULVERTS, CLASS C, TYPE 2 30"	FOOT	85	85	
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	199	199	
54205890	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL, EQUIVALENT ROUND-SIZE 15"	FOOT	56	56	
54213447	END SECTIONS 12"	EACH	4	4	
54213450	END SECTIONS 15"	EACH	4	4	
54213465	END SECTIONS 30"	EACH	2	2	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	4	
54214290	END SECTIONS, EQUIVELANT ROUND-SIZE 15"	EACH	2	2	
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	2	2	
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1	
59100100	GEOCOMPOSITE WALL DRAIN	SQ. YD.	112.5		112.5
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	6	2	4
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	100	100	
60100945	PIPE DRAINS 12"	FOOT	291	291	
60107600	PIPE UNDERDRAINS 4"	FOOT	79		79
60107700	PIPE UNDERDRAINS 6"	FOOT	200	200	
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	163		163
* 60255500	MANHOLES TO BE ADJUSTED	EACH	4	4	
* 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2	
60600095	CLASS SI CONCRETE (OUTLET)	CU. YD.	20.1	20.1	
60602500	CONCRETE GUTTER, TYPE A	FOOT	98	98	
60611815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	79	79	
60900140	TYPE B INLET BOX, STANDARD 609006	EACH	4	4	
60900515	CONCRETE THRUST BLOCKS	EACH	4	4	
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	4	4	
61140000	STORM SEWERS, SPECIAL 8"	FOOT	100	100	
61140100	STORM SEWERS, SPECIAL 10"	FOOT	100	100	
61140200	STORM SEWERS, SPECIAL 12"	FOOT	100	100	

*SPECIALTY ITEM

CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90%-FED	80%-FED
				10%-STATE NHS	20%-STATE BR
				1000 ROADWAY	X771-2A BRIDGE
63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	762.5	762.5	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4	
63200310	GUARD RAIL REMOVAL	FOOT	2850	2850	
63500105	DELINEATORS	EACH	10	10	
64200105	SHOULDER RUMBLE STRIP	FOOT	200	200	
66500105	WOVEN WIRE FENCE, 4"	FOOT	1,612	1,612	
66502000	WOVEN WIRE GATES, 4' X 24' DOUBLE	EACH	1	1	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	33	33	
66700305	PERMANENT SURVEY MARKERS, TYPE 2	EACH	3	3	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL. MO.	9	9	
67100100	MOBILIZATION	L. SUM	1	1	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2	2	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L. SUM	1	1	
70100460	TRAFFIC CONTROL & PROTECTION, STANDARD 701306	L. SUM	1	1	
70100700	TRAFFIC CONTROL & PROTECTION, STANDARD 701406	L. SUM	1	1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L. SUM	1	1	
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L. SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL. DA.	30	30	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	42	42	
70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	8056	8056	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3550	3550	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ. FT.	3,657	3,657	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	800	800	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	800	800	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	16888	16888	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	24	24	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	3		3
78200410	GUARDRAIL MARKERS, TYPE A	EACH	19	19	
78200520	BARRIER WALL MARKERS, TYPE B	EACH	12		12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DATE
HORIZ. DATE

DRAWN BY
CHECKED BY

PLOT DATE = Tue Sep 12 13:32:19 2006
FILE NAME = c:\p\proj\p06\p06\p06\p06.dgn
PLOT SCALE = 50.0000 / IN.
USER NAME = rntesal

SUMMARY OF QUANTITIES

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	37-UHBR-1	HENRY	133	8
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNITS	URBAN TOTAL	90%-FED 10%-STATE NHS	80%-FED 20%-STATE BR
				1000 ROADWAY	X771-2A BRIDGE
78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	4	4	
78200530	BARRIER WALL MARKERS, Type C	EACH	52	52	
Z0002600	BAR SPLICERS	EACH	66		66
Z0013798	CONSTRUCTION LAYOUT	L. SUM	1	1	
Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	1	1	
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	28	28	
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2
Z0049800	RELOCATE EXISTING SURVEY MARKERS	EACH	23	23	
Z0069400	STONE WELLS, SPECIAL	EACH	4	4	
Z0047300	PROTECTIVE SHIELD	SQ. YD.	455.7		455.7
A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1 3/4" CALIPER, BALLED AND BURLAPPED	EACH	20	20	
B2000116	TREE, ACER CAMPESTRE (HEDGE MAPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	10	10	
B2003714	TREE, MALUS INDIAN SUMMER (INDIAN SUMMER CRABAPPLE), 1 3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8	
B2005014	TREE, MALUS SNOWDRIFT (SNOWDRIFT CRABAPPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
XX004900	TURF REINFORCEMENT MAT	SQ. YD.	87	87	
X0325278	DRIVING PILES	FOOT	1627		1627
X0325519	DRAIN FOR AGGREGATE BASE COURSE	SQ. YD.	14	14	
X0712400	TEMPORARY PAVEMENT	SQ. YD.	893.5	893.5	
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ. YD.	893.5	893.5	
X4021000	TEMPORARY ACCESS - PRIVATE ENTRANCE	EACH	4	4	
X4024000	TEMPORARY ACCESS - FIELD ENTRANCE	EACH	3	3	
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	77.4	77.4	
X4073051	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8-1/2"	SQ. YD.	7422.85	7422.85	
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L. SUM	1	1	

* SPECIALTY ITEMS

PLOT DATE = Tue Sep 12 10:35:31 2006
 FILE NAME = c:\p\projects\213180\213180.dgn
 PLOT SCALE = 50.0000' / IN.
 USER NAME = renevelj

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE HORIZ. DRAWN BY CHECKED BY

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS

POPPY GARDEN RD
STATION 35+90-44+50
STATION 59+50-63+70

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT
STRUCTURAL DESIGN TRAFFIC: YEAR 2025
PV = 2960 SU = 125 MU = 15

ROAD/STREET CLASSIFICATION: Class II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50 S = 50 M = 50

TRAFFIC FACTOR: Actual TF = 0.202 Minimum TF = 0.5

AC Type = 20 AC Mixture Temp. = 78.6oF

AC Mixture Modulus = 585 Design Strain = 130

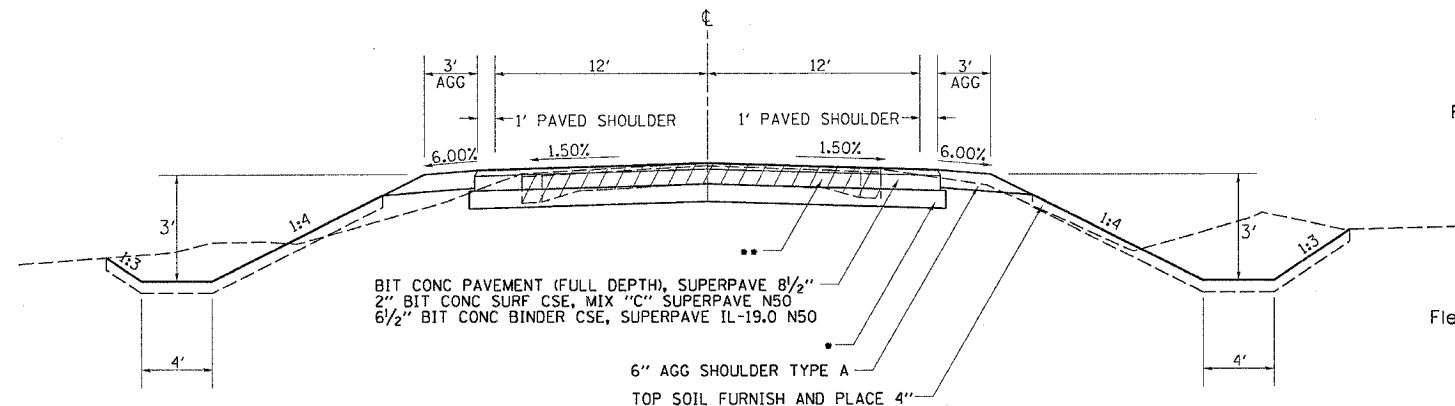
AC GRADE: Binder = PG 64-22 Surface = PG 64-22

Flexible Pavement Thickness = 8.5" Surface = 2" Binder = 6.5"

SUBGRADE SUPPORT RATING:

SSR = Poor (Sta. 35+90 to 63+70)

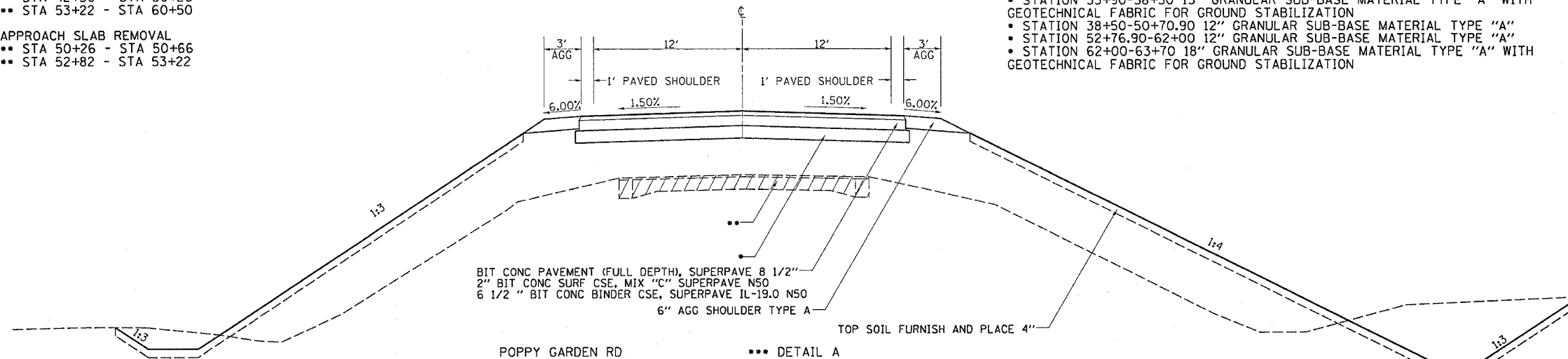
- NOTE:
PAVEMENT REMOVAL LIMITS
•• STA 35+90 - STA 42+50
•• STA 60+50 - STA 63+70
- PAVEMENT BREAKING LIMITS
•• STA 42+50 - STA 50+26
•• STA 53+22 - STA 60+50
- APPROACH SLAB REMOVAL
•• STA 50+26 - STA 50+66
•• STA 52+82 - STA 53+22



BRIDGE OMISSION 50+70.9 - 52+76.9

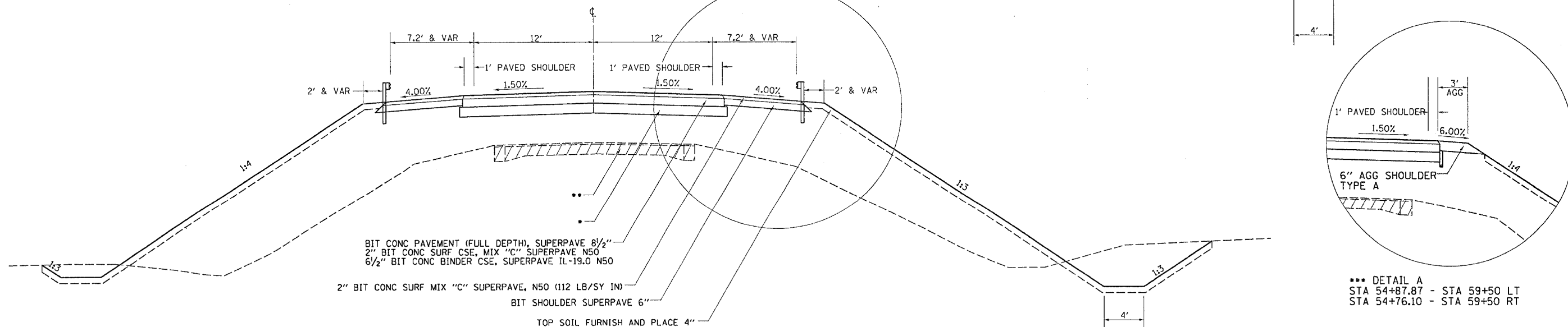
POPPY GARDEN RD
STATION 44+50-45+50

- NOTE:
• STATION 35+90-38+50 15" GRANULAR SUB-BASE MATERIAL TYPE "A" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
• STATION 38+50-50+70.90 12" GRANULAR SUB-BASE MATERIAL TYPE "A"
• STATION 52+76.90-62+00 12" GRANULAR SUB-BASE MATERIAL TYPE "A"
• STATION 62+00-63+70 18" GRANULAR SUB-BASE MATERIAL TYPE "A" WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



POPPY GARDEN RD
STATION 52+76.9-59+50

*** DETAIL A



*** DETAIL A
STA 54+87.87 - STA 59+50 LT
STA 54+76.10 - STA 59+50 RT

FILE NAME = #FILE#
DATE = #DATE#
PLOT SCALE = #PLOTSCALE#
PLOT DATE = #PLOTDATE#
OPERATOR = #OPERATOR#
DRAWING NAME = #DRAWINGNAME#
PLOT SCALE = #PLOTSCALE#
REFERENCE = #REFERENCE#

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37	UHR	HENRY	133	10
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

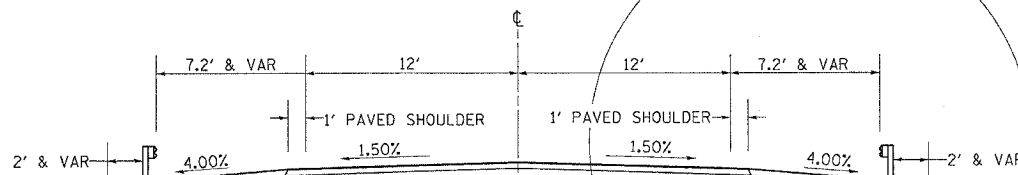
TYPICAL SECTIONS

- NOTE:
 PAVEMENT REMOVAL LIMITS
 • STA 35+90 - STA 42+50
 • STA 60+50 - STA 63+70
- PAVEMENT BREAKING LIMITS
 • STA 42+50 - STA 50+26
 • STA 53+22 - STA 60+50
- APPROACH SLAB REMOVAL
 • STA 50+26 - STA 50+66
 • STA 52+82 - STA 53+22

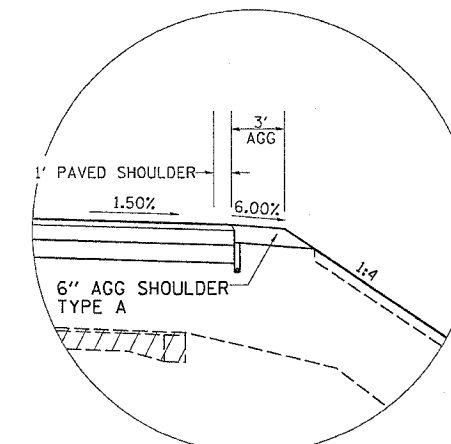
• STA 45+50 - 46+00
 LT FORESLOPE TRANSITIONS FROM 1:3 TO 1:2

POPPY GARDEN RD
 STATION 45+50-50+70.9

..... DETAIL



..... GUARDRAIL ON RT
 STA 48+51.55 - STA 50+70.9



..... DETAIL
 STA 45+50 - STA 48+59.36 RT

12" GRANULAR SUB-BASE MATERIAL TYPE A

BIT CONC PAVEMENT (FULL DEPTH), SUPERPAVE 8 1/2"
 2" BIT CONC SURF CSE, MIX "C" SUPERPAVE N50
 6 1/2" BIT CONC BINDER CSE, SUPERPAVE IL-19.0 N50

2" BIT CONC SURF MIX "C" SUPERPAVE, N50 (112 LB/SY IN)

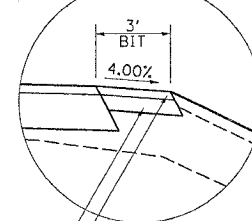
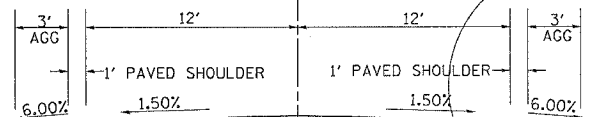
BIT SHOULDER SUPERPAVE 6"

TOP SOIL FURNISH AND PLACE 4"

..... DETAIL A
 STA 100+13 - STA 100+63.63 LT
 STA 100+13 - STA 100+62.38 RT

CARROLL ST

..... DETAIL



2" BIT CONC SURF MIX "C" SUPERPAVE, N50 (112 LB/SY IN)
 BIT SHOULDER SUPERPAVE 6"

3" INCIDENTAL BITUMINOUS SURFACING

12" AGG BASE COURSE TYPE "B"

6" AGG SHOULDER TYPE A

TOP SOIL FURNISH AND PLACE 4"

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT
 STRUCTURAL DESIGN TRAFFIC: YEAR 2025
 PV = 2960 SU = 125 MU = 15

ROAD/STREET CLASSIFICATION: Class II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 50 S = 50 M = 50

TRAFFIC FACTOR: Actual TF = 0.202 Minimum TF = 0.5

AC Type = 20 AC Mixture Temp. = 78.6oF

AC Mixture Modulus = 585 Design Strain = 130

AC GRADE: Binder = PG 64-22 Surface = PG 64-22

Flexible Pavement Thickness = 8.5" Surface = 2" Binder = 6.5"

SUBGRADE SUPPORT RATING:

SSR = Poor (Sta. 35+90 to 63+70)

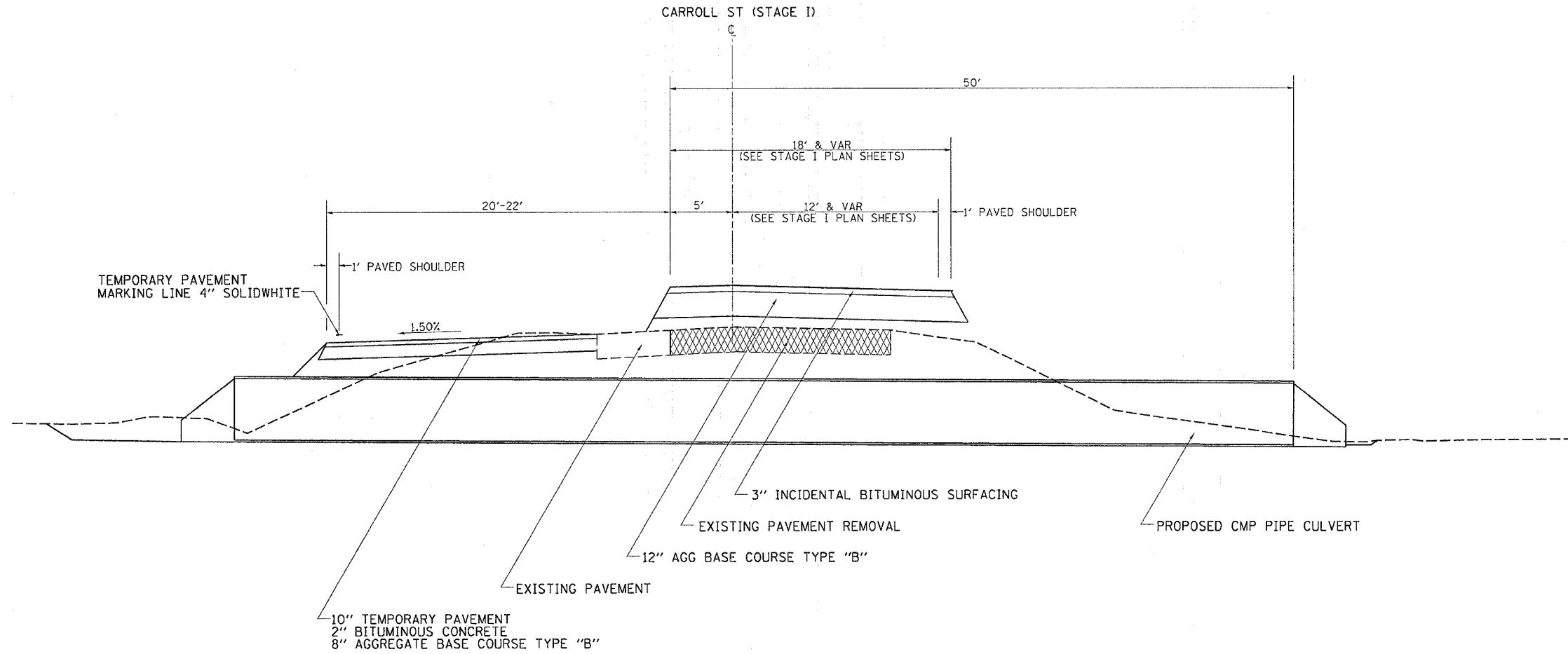
FILE NAME = #FILE#
 LEVELS = #LEVELS#
 PLOT SCALE = #PLOTS/SCALE#
 PLOT DATE = Mon Oct 02 09:31:55 2006
 PLOT TIME = Mon Oct 02 09:31:55 2006
 SHEET DATE = Mon Oct 02 09:31:55 2006
 SHEET NAME = c:\p\projects\1213108\1213108.dgn
 REFERENCE = #REF#

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-BO-	37-IHBR-J	HENRY	133	111
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

STAGING TYPICAL SECTIONS

STAGE I

1. CONSTRUCT 30" AR CULVERT WITH CLASS D PATCH & EXTEND EXISTING PIPE CULVERT
2. CONSTRUCT TEMPORARY PAVEMENT (WEST SIDE OF CARROLL ST) STA 100+10.21 LT TO STA 102+35.53
3. REMOVE AND RECONSTRUCT EAST SIDE OF CARROLL ST
4. SEE CARROLL ST STAGING NOTES



PLOT DATE = Mon Dec 02 09:32:11 2008
 FILE NAME = c:\pav\staging\staging.dgn
 PLOT SCALE = 50.0000 / 1 IN.
 USER NAME = rankal

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BITUMINOUS SCHEDULE

STATIONING	REMARKS	LENGTH FEET	AVG. WIDTH FEET	MAINLINE AREA SQ. YD.	SHOULDER AREA SQ. YD.	31100100				X4073051	X4066414	48202400	48100100	
						SUBBASE GRANULAR MTL TYPE A				BIT. CONCRETE PAVEMENT SUPERPAVE FULL-DEPTH	BIT. CONC. SURF CSE SP MIX C, N50	BIT. SHOULDERS SP	AGG. SHLDERS TYPE A	
						4" TON	12" TON	15" TON	18" TON	8.50" SQ. YD.	2" TON	6" SQ. YDS	6" TON	
IL RTE. 26														
35 + 90 to 36 + 20	Poppy Garden Road LT	30	12.25	40.83	10.00					37.78			0	5
35 + 90 to 36 + 34	Poppy Garden Road RT	44	11.89	58.13	14.67					54.02			0	8
36 + 20 to 38 + 48	Poppy Garden Road LT	228	13.00	329.33	76.00					302.87			0	39
36 + 34 to 37 + 85	Poppy Garden Road RT	151	13.00	218.11	50.33					200.42			0	26
38 + 48 to 40 + 51	Poppy Garden Road LT	203	13.00	293.22	67.67			213.02		2.66			0	35
37 + 85 to 40 + 44	Poppy Garden Road RT	259	13.00	374.11	86.33			205.65		86.37			0	44
40 + 51 to 41 + 33	Poppy Garden Road LT	82	13.00	118.44	27.33			87.65					0	14
40 + 44 to 48 + 60	Poppy Garden Road RT	816	13.00	1178.67	272.00			867.27					0	139
41 + 33 to 41 + 97	Poppy Garden Road LT	64	13.00	92.44	21.33			68.00					0	11
41 + 97 to 43 + 16	Poppy Garden Road LT	119	13.00	171.89	39.67			126.60					0	20
43 + 16 to 44 + 42	Poppy Garden Road RT	126	13.00	182.00	42.00			134.00					0	22
44 + 42 to 45 + 38	Poppy Garden Road LT	96	13.00	138.67	32.00			101.70					0	16
45 + 38 to 50 + 41	Poppy Garden Road LT	503	13.00	726.56	167.67			535.00					0	0
48 + 60 to 50 + 40.9	Poppy Garden Road RT	180.9	13.00	261.30	60.30			192.54			37.1	331	106	0
50 + 40.9 to 50 + 70.9	Approach Pavement West	30	26.00	86.67	10.00	29.0		0.00			11.9	106	0	0
52 + 76.9 to 53 + 6.9	Approach Pavement East	30	26.00	86.67	10.00	29.0		0.00				0	0	0
53 + 6.9 to 54 + 88	Poppy Garden Road LT	181.1	13.00	261.59	60.37			192.40			11.8	105	0	0
53 + 6.9 to 54 + 76	Poppy Garden Road RT	189.1	13.00	244.26	56.37			179.54			10.9	98	0	0
54 + 88 to 59 + 70.5	Poppy Garden Road LT	482.5	13.00	696.94	160.83			512.80					0	82
54 + 76 to 59 + 67.5	Poppy Garden Road RT	491.5	13.00	709.94	163.83			521.40					0	84
59 + 70.5 to 60 + 35	Poppy Garden Road LT	64.5	13.00	93.17	21.50			68.00					0	11
59 + 67.5 to 60 + 37	Poppy Garden Road RT	69.5	13.00	100.39	23.17			74.36					0	12
60 + 35 to 63 + 43	Poppy Garden Road LT	308	13.00	444.89	102.67			176.00					0	53
60 + 37 to 63 + 26	Poppy Garden Road RT	289	13.00	417.44	96.33			172.64					0	49
63 + 43 to 63 + 70	Poppy Garden Road LT	27	12.31	36.93	9.00								0	5
63 + 26 to 63 + 70	Poppy Garden Road RT	44	12.31	60.18	14.67								0	8
CARROLL STREET														
	GOOD NEIGHBOR POLICY -CTY RD 19	5280	22.00	645.35	3520								0	90
100 + 13 to 101 + 85	Carroll St LT (Stage I)	172	-	236.59	57.33						2.8	25	29	
100 + 13 to 101 + 85	Carroll St RT (Stage II)	172	-	399.11	57.33						2.9	26	29	
GRAND TOTAL				1281.05		58.0	4428.57	684.12	534.47	7422.85	77.4	691	831	

PLOT DATE = Fri Sep 01 10:12:57 2006
 FILE NAME = c:\pcc\m\st\p2\3100\3100b-rr.dgn
 PLOT SCALE = 50.0000 / IN.
 USER NAME = rmlwslj

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE

DRAWN BY
CHECKED BY
BITUMINOUS SCHEDULE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE

EARTH WORK SCHEDULE					
20200100 - EARTH EXCAVATION					
20400800 - FURNISHED EXCAVATION					
LOCATION	EARTH EXC (CUT) CU YD	EARTH EXC ADJ SHRINK 25% CU YD	EMBANK (FILL) CU YD	EARTH WORK BALANCE	
				WASTE (+)	SHORTAGE (-)
				CU YD	CU YD
34 + 50 - 41 + 00	1778	1334	28	1306	
41 + 00 - 47 + 00	2047	1536	3028	-1492	
47 + 00 - 53 + 00	1285	964	10300	-9336	
53 + 00 - 59 + 00	188	141	16136	-15996	
59 + 00 - 64 + 00	3054	2290	3981	-1691	
TOTAL	8352	6264	33473	-27209	
SIDEROADS					
CARROLL STREET STAGE I					
100 + 13 - 102 + 00	373	280	74	205	
CARROLL STREET STAGE II					
100 + 13 - 102 + 00	111	83	270	-187	
CARROLL STREET STAGE III					
100 + 13 - 102 + 00	171	128	0	128	
TOTAL - CARROLL STREET	654	491	344	147	

PLOT DATE = Fri Sep 01 10:52:57 2006
 FILE NAME = c:\pcc\meta\213102\213102.dgn
 PLOT SCALE = 5/8"=1'-0"
 USER NAME = rwhal

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL (6 TO 15 UNITS IN DIAMETER)

UNIT	LOCATION	OFFSET (FT)	
8.2	STA. 41+08.30	33	RT
8.9	STA. 47+10.56	36.5	RT
11.1	STA. 47+10.56	36.5	RT
10.1	STA. 47+47.14	33.5	RT
7.1	STA. 48+11.54	34.63	RT
7.9	STA. 48+11.54	34.63	RT
8.0	STA. 48+11.54	34.63	RT
8.8	STA. 48+52.89	39.88	RT
13.1	STA. 48+84.61	80.14	RT
6.8	STA. 48+95.79	54.41	RT
7.4	STA. 48+95.79	54.41	RT
7.2	STA. 49+09.95	53.37	RT
6.0	STA. 49+80.74	36.82	RT
7.7	STA. 49+80.74	36.82	RT
7.7	STA. 50+15.68	40.4	RT
6.3	STA. 50+22.52	34.27	RT
11.8	STA. 50+49.11	36.22	RT
10.0	STA. 50+54.81	32.53	RT
6.2	STA. 462+59.34	100.4	RT I-80
6.2	STA. 462+59.34	100.4	RT I-80
13.8	STA. 462+75.11	99.59	RT I-80
9.0	STA. 54+53.09	31.17	RT
14.2	STA. 55+29.77	36.38	RT
9.6	STA. 55+29.77	36.38	RT
12.3	STA. 55+29.77	36.38	RT
6.2	STA. 56+28.65	31.13	RT
8.3	STA. 56+28.65	31.13	RT
6.0	STA. 56+28.65	31.13	RT
9.0	STA. 56+28.65	31.13	RT
9.8	STA. 56+28.65	31.13	RT
9.2	STA. 56+37.98	32.46	RT
6.5	STA. 56+37.98	32.46	RT
8.0	STA. 56+57.17	34.05	RT
9.0	STA. 56+57.17	34.05	RT
9.6	STA. 61+43.78	43.12	RT
8.1	STA. 61+43.78	43.12	RT
6.0	STA. 61+93.00	57.5	RT
6.0	STA. 50+80.00	48.83	LT
8.7	STA. 50+60.00	37.95	LT
7.0	STA. 62+24.40	33	LT
6.2	STA. 62+24.40	33	LT
349 TOTAL			

20100210 TREE REMOVAL (OVER 15 UNITS IN DIAMETER)

UNIT	LOCATION	OFFSET (FT)	
15	STA. 46+30.46	39.17	RT
17	STA. 46+90.25	40.15	RT
23.7	STA. 54+87.92	30	RT
15.2	STA. 56+47.51	34.13	RT
70.90 TOTAL			

20101000 TEMPORARY FENCE

FOOT	LOCATION	
1230	STA. 53+00 TO 65+00	RT
1230 TOTAL		

20101400 NITROGEN FERTILIZER NUTRIENT

POUND	LOCATION	
212.40	STA. 35+90 TO 50+70.90	LT & RT
180.90	STA. 52+76.90 TO 63+70	LT & RT
12.00	STA. 101+13.0 TO 10200	LT & RT
405.30 TOTAL		

20101500 PHOSPHOROUS FERTILIZER NUTRIENT

POUND	LOCATION	
212.40	STA. 35+90 TO 50+70.90	LT & RT
180.90	STA. 52+76.90 TO 63+70	LT & RT
12.00	STA. 101+13 TO 102+00	LT & RT
405.30 TOTAL		

20101600 POTASSIUM FERTILIZER NUTRIENT

POUND	LOCATION	
212.40	STA. 35+90 TO 50+70.90	LT & RT
180.90	STA. 52+76.90 TO 63+70	LT & RT
12.00	STA. 101+13 TO 102+00	LT & RT
405.30 TOTAL		

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

CU. YD.	LOCATION	
8.88	STA. 461+12 TO 462+36	36" I-80 RT
7.4	STA. 461+26 TO 462+26	36" I-80 LT
16.28 TOTAL		

21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

SQ. YD.	LOCATION	
751	STA. 35+90 TO 38+50	
491	STA. 62+00 TO 63+70	
116.5	STA. 461+36 TO 462+14	15' I-80 SLOPEWALL LT
116.5	STA. 461+35 TO 462+13	15' I-80 SLOPEWALL RT
1475 TOTAL		

21101615 TOPSOIL FURNISH AND PLACE 4"

SQ. YD.	LOCATION	
14281	STA. 35+90 TO 50+70.90	LT & RT
12120	STA. 52+76.90 TO 63+70	LT & RT
775	STA. 101+13 TO 102+00	LT & RT
27176 TOTAL		

21301048 EXPLORATION TRENCH 48" DEPTH

FOOT	LOCATION	
50	STA. 461+15 TO 461+65	I-80 LT (CONTINGENCY)
50	STA. 461+00 TO 461+50	I-80 RT (CONTINGENCY)
100	STA. 461+90 TO 462+35	I-80 LT & RT (CONTINGENCY)
200	STA. 58+00 TO 59+00	LT & RT (CONTINGENCY)
350	STA. 60+00 TO 63+50	RT (CONTINGENCY)
750 TOTAL		

25000100 SEEDING, CLASS 1

ACRE	LOCATION	
0.005	STA. 35+55.0 TO 35+63.0	LT - WEST SIDE DWY/EASEMENT AREA
0.094	STA. 38+73.0 TO 39+68.0	LT - EASEMENT AREA
0.016	STA. 39+83.0 TO 40+10	LT-EASEMENT AREA
0.12 TOTAL		

25000210 SEEDING, CLASS 2A

ACRE	LOCATION	
0.27	STA. 35+90 TO 50+70.9	LT & RT
0.23	STA. 52+76.9 TO 63+70	LT & RT
0.01	STA. 100+13 TO 102+00	LT & RT
0.51 TOTAL		

25000310 SEEDING, CLASS 4

ACRE	LOCATION	
2.08	STA. 35+90 TO 50+70.9	LT & RT
1.68	STA. 52+76.9 TO 63+70	LT & RT
0.11	STA. 100+13 TO 102+00	LT & RT
3.87 TOTAL		

25000750 MOWING

ACRE	LOCATION	
2.36	STA. 35+90 TO 50+70.9	LT & RT
2.00	STA. 52+76.9 TO 63+70	LT & RT
0.14	STA. 100+13 TO 102+00	LT & RT
4.50 TOTAL		

25100115 MULCH, METHOD 2

ACRE	LOCATION	
2.36	STA. 35+90 TO 50+70.9	LT & RT
2.00	STA. 52+76.9 TO 63+70	LT & RT
0.14	STA. 100+13 TO 102+00	LT & RT
4.50 TOTAL		

25100630 EROSION CONTROL BLANKET

SQ. YD.	LOCATION	
3606	STA. 35+90 TO 50+70.90	LT
2092	STA. 35+90 TO 50+70.90	RT
997	STA. 52+76.9 TO 63+70	LT
1258	STA. 52+76.9 TO 63+70	RT
194	STA. 100+13 TO 101+85	LT
194	STA. 100+13 TO 101+85	RT
8341 TOTAL		

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION	
2832	STA. 35+90 TO 50+70.9	LT & RT
2412	STA. 52+76.9 TO 63+70	LT & RT
156	STA. 100+13 TO 102+00	LT & RT
5400 TOTAL		

PLOT DATE = Fri, Sep 01 10:12:59 2006
 FILE NAME = s:\projects\64602\21301048.dwg
 PLOT SCALE = 50.00000 / IN.
 USER NAME = rnkmalj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DATE
 HORIZ. DATE

DRAWN BY
 CHECKED BY

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

CONTRACT NO. 64602

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	37-148R-1	HENRY	133	17
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH			
	<u>SQ. YD.</u>	<u>LOCATION</u>		
	155	STA. 39+75.46	PE-LT	
	155	TOTAL		
44000100	PAVEMENT REMOVAL			
	<u>SQ. YD.</u>	<u>LOCATION</u>		
	1467	STA. 35+90	TO 42+50	
	711	STA. 60+50	TO 63+70	
	392	STA. 100+13	TO 100+85	
	97	STA. 101+13	TO 101+85	
	2667	TOTAL		
				PE-LT CARROLL ST - STAGE I CARROLL ST - STAGE II
44000700	APPROACH SLAB REMOVAL			
	<u>SQ. YD.</u>	<u>LOCATION</u>		
	88.9	STA. 50+26	TO 50+66	
	88.9	STA. 52+82	TO 53+22	
	178	TOTAL		
44004300	PAVEMENT BREAKING			
	<u>SQ. YD.</u>	<u>LOCATION</u>		
	1725	STA. 42+50	TO 50+26	
	1618	STA. 53+22	TO 60+50	
	3343	TOTAL		
44201709	CLASS D PATCHES, TYPE III, 5"			
	<u>SQ. YD.</u>	<u>LOCATION</u>		
	16.67	STA. 101+48	7.5' WIDE - CARROLL ST	
	16.67	TOTAL		
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1			
	<u>EACH</u>	<u>LOCATION</u>		
	1	STA. 51+74.40	POPPY GARDEN ROAD BRIDGE OVER I-80	
	1	TOTAL		
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2			
	<u>EACH</u>	<u>LOCATION</u>		
	1	STA. 461+11.67	36" GRATED END SECTION I-80 RT	
	1	TOTAL		
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3			
	<u>EACH</u>	<u>LOCATION</u>		
	1	STA. 462+25	36" GRATED END SECTION I-80 LT	
	1	TOTAL		

50102600	CONCRETE REMOVAL			
	<u>EACH</u>	<u>LOCATION</u>		
	1	STA. 461+32	TO 461+66	I-80 CONCRETE PAD FOR SAND BARRELS
	1	STA. 461+81	TO 462+15	I-80 CONCRETE PAD FOR SAND BARRELS
	2	TOTAL		
50104400	CONCRETE HEADWALL REMOVAL			
	<u>EACH</u>	<u>LOCATION</u>		
	1	STA. 461+26.25	85' LT I-80	
	1	STA. 462+35.46	93' RT I-80	
	2	STA. 60+59	LT & RT	
	4	TOTAL		
50105210	REMOVE EXISTING CULVERTS			
	<u>FOOT</u>	<u>LOCATION</u>		
	73	STA. 60+58.59		30" CMP - AR CULVERT
	87	STA. 100+41.28		30" CMP - AR CULVERT
	124	STA. 461+12	TO 462+36	36" I-80 RT
	100	STA. 461+26	TO 462+26	36" I-80 LT
	364	TOTAL		
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"			
	<u>FOOT</u>	<u>LOCATION</u>		
	82	STA. 60+58.59		AR CULVERT
	82	TOTAL		
542A1915	PIPE CULVERTS, CLASS A, TYPE 3 30"			
	<u>FOOT</u>	<u>LOCATION</u>		
	106	STA. 46+00		AR CULVERT
	106	TOTAL		
542A4021	PIPE CULVERTS, CLASS A, TYPE 6 36"			
	<u>FOOT</u>	<u>LOCATION</u>		
	182	STA. 461+08	TO 462+90	I-80 RT
	180	STA. 460+85	TO 462+65	I-80 LT
	362	TOTAL		
542C1075	PIPE CULVERTS, CLASS C, TYPE 2 30"			
	<u>FOOT</u>	<u>LOCATION</u>		
	10	STA. 100+41.28		CARROLL ST. - STAGE I
	75	STA. 100+41.28		CARROLL ST.
	85	TOTAL		

PLOT DATE = Mon Oct 02 09:54:19 2006
 FILE NAME = S:\B2006\23108\23108.dgn
 PLOT SCALE = 50.0000 / IN.
 USER NAME = renealj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 DATE: _____

DRAWN BY _____
 CHECKED BY _____

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	37-14BR-1	HENRY	133	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

542D1060 PIPE CULVERTS, CLASS D, TYPE 2 15"

FOOT	LOCATION	
81	STA. 60+00	FE-RT
62	STA. 60+00	FE-LT
56	STA. 63+00	FE-RT (TEMP)
199	TOTAL	

54205890 PIPE CULVERTS, TYPE 1, CORRUGATED STEEL, EQUIVALENT ROUND-SIZE 15"

FOOT	LOCATION	
56	STA. 41+64	FE-LT
56	TOTAL	

54213447 END SECTIONS 12"

EACH	LOCATION	
1	STA. 50+56.9	LT
1	STA. 50+56.9	RT
1	STA. 52+90.9	LT
1	STA. 52+90.9	RT
4	TOTAL	

54213450 END SECTIONS 15"

EACH	LOCATION	
2	STA. 60+00	FE-LT
2	STA. 60+00	FE-RT
4	TOTAL	

54213465 END SECTIONS 30"

EACH	LOCATION	
2	STA. 100+41.28	CARROLL ST.
2	TOTAL	

54213675 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"

EACH	LOCATION	
2	STA. 46+00	AR CULVERT
2	STA. 60+58.59	AR CULVERT
4	TOTAL	

54213681 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"

EACH	LOCATION	
1	STA. 460+75	I-80 LT
1	STA. 461+00	I-80-RT
1	STA. 462+75	I-80-LT
1	STA. 463+00	I-80-RT
4	TOTAL	

54214290 END SECTIONS, EQUIVALENT ROUND-SIZE 15"

EACH	LOCATION	
2	STA. 41+64	FE-LT
2	TOTAL	

54247170 GRATING FOR CONCRETE FLARED END SECTION 36"

EACH	LOCATION	
1	STA. 462+75	I-80 LT
1	STA. 461+00	I-80 RT
2	TOTAL	

56400300 FIRE HYDRANTS TO BE ADJUSTED

EACH	LOCATION	
1	STA. 101+80	30' LT
1	TOTAL	

60100060 CONCRETE HEADWALL FOR PIPE DRAIN

EACH	LOCATION	
2	STA. 50+68.9	RT & LT - ABUTMENT DRAINS
2	STA. 52+78.9	RT & LT - ABUTMENT DRAINS
1	STA. 460+69	I-80 LT (CONTINGENCY)
1	STA. 463+04	I-80 RT (CONTINGENCY)
6	TOTAL	

60100070 SHOULDER REMOVAL AND REPLACEMENT

FOOT	LOCATION	
100	STA. 461+50.0 TO 462+00.0	I-80 LT & RT
100	TOTAL	

60100945 PIPE DRAINS 12"

FOOT	LOCATION	
46	STA. 50+56.9	LT
103	STA. 50+56.9	RT
78	STA. 52+90.9	LT
64	STA. 52+90.9	RT
291	TOTAL	

PLOT DATE = Mon Oct 02 09:34:30 2006
 FILE NAME = C:\p\2006\213181\213181.dgn
 PLOT SCALE = 50.0000 / IN.
 USER NAME = reakea

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. / HORIZ.
DATE

DRAWN BY
CHECKED BY

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..80	..37-14RR-1	..HENRY	..133	..19
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

60107600 PIPE UNDERDRAINS 4"

FOOT	LOCATION	
10	STA. 50+68.9	LT
25	STA. 50+68.9	RT
27	STA. 52+78.9	LT
17	STA. 52+78.9	RT
<u>79</u>	TOTAL	

60107700 PIPE UNDERDRAINS 6"

FOOT	LOCATION	
200	STA. 460+50 TO 463+00	I-80 RT & LT (CONTINGENCY)
<u>200</u>	TOTAL	

60255500 MANHOLES TO BE ADJUSTED

EACH	LOCATION	
1	STA. 37+84.76	18.35' RT
1	STA. 41+51.84	15.88' RT
1	STA. 43+95.64	26.60' RT
1	STA. 101+10.36	11.83' RT
<u>4</u>	TOTAL	

60265700 VALVE VAULTS TO BE ADJUSTED

EACH	LOCATION	
1	STA. 100+35.76	33' RT
1	STA. 101+77.29	26.70' LT
<u>2</u>	TOTAL	

60600095 CLASS SI CONCRETE (OUTLET)

CU. YD.	LOCATION	
1.67	STA. 38+30 TO 38+53	OUTLET-LT
3.75	STA. 40+05 TO 40+50	OUTLET-LT
0.92	STA. 461+92 TO 462+04	I-80 GUTTER INLET LT
5.67	STA. 460+51 TO 461+15	I-80 OUTLET LT
0.92	STA. 461+43 TO 461+55	I-80 GUTTER INLET RT
7.13	STA. 462+44 TO 463+24	I-80 OUTLET RT
<u>20.1</u>	TOTAL	

60602500 CONCRETE GUTTER, TYPE A

FOOT	LOCATION	
55	STA. 461+90 TO 462+45	I-80 RT
43	STA. 461+15 TO 461+58	I-80 LT
<u>98</u>	TOTAL	

60611815 COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)

FOOT	LOCATION	
32	STA. 38+53 TO 38+85	LT
47	STA. 39+53 TO 40+00	LT
<u>79</u>	TOTAL	

60900140 TYPE B INLET BOX, STANDARD 609006

EACH	LOCATION	
2	STA. 50+56.9	LT & RT
2	STA. 52+90.9	LT & RT
<u>4</u>	TOTAL	

60900515 CONCRETE THRUST BLOCKS

EACH	LOCATION	
1	STA. 50+56.9	LT
1	STA. 50+56.9	RT
1	STA. 52+90.9	LT
1	STA. 52+90.9	RT
<u>4</u>	TOTAL	

61133100 FIELD TILE JUNCTION VAULTS, 2' DIA.

EACH	LOCATION	
2	STA. 35+90 TO 50+70.90	(CONTINGENCY)
2	STA. 52+76.90 TO 63+70	(CONTINGENCY)
<u>4</u>	TOTAL	

61140000 STORM SEWERS, SPECIAL 8"

FOOT	LOCATION	
100	STA. 35+90 TO 63+70	(CONTINGENCY)
<u>100</u>	TOTAL	

61140100 STORM SEWERS, SPECIAL 10"

FOOT	LOCATION	
100	STA. 35+90 TO 63+70	(CONTINGENCY)
<u>100</u>	TOTAL	

61140200 STORM SEWERS, SPECIAL 12"

FOOT	LOCATION	
100	STA. 35+90 TO 63+70	(CONTINGENCY)
<u>100</u>	TOTAL	

63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A

FOOT	LOCATION	
437.5	STA. 46+03.40 TO 50+40.9	LT
112.5	STA. 49+28.4 TO 50+40.9	RT
112.5	STA. 53+06.9 TO 54+19.4	LT
100.0	STA. 53+06.9 TO 54+06.9	RT
<u>762.5</u>	TOTAL	

PLOT DATE = Mon Oct 02 09:54:41 2006
 FILE NAME = C:\131808\131808.dgn
 PLOT SCALE = 50.0000 / IN.
 USER NAME = rnkswlj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

SCHEDULE OF QUANTITIES

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-BD-	3T-UHRR-J	HENRY	133	20
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

EACH	LOCATION
2	STA. 50+70.90 LT & RT
2	STA. 52+76.90 LT & RT
4	TOTAL

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

EACH	LOCATION
1	STA. 45+53.4 LT
1	STA. 48+78.4 RT
1	STA. 54+69.4 LT
1	STA. 54+56.9 RT
4	TOTAL

63200310 GUARDRAIL REMOVAL

FOOT	LOCATION
590	STA. 44+77 TO 50+69.50 LT
590	STA. 44+77 TO 50+69.50 RT
589	STA. 50+77 TO 58+71 LT
589	STA. 50+77 TO 58+71 RT
221	STA. 459+61.73 TO 461+82 I-80 RT
271	STA. 461+65 TO 464+35 I-80 LT
2850	TOTAL

63500105 DELINEATORS

EACH	LOCATION
2	STA. 100+41.55 LT & RT - AR CULVERT
2	STA. 46+00 LT & RT - AR CULVERT
1	STA. 45+50 LT - TRAFFIC BARRIER TERMINAL
1	STA. 48+51.54 RT - TRAFFIC BARRIER TERMINAL
2	STA. 54+96.25 LT & RT - TRAFFIC BARRIER TERMINAL
2	STA. 60+58.59 LT & RT - AR CULVERT
10	TOTAL

64200105 SHOULDER RUMBLE STRIPS

FOOT	LOCATION
200	STA. 461+50 TO 462+00.0 I-80 LT & RT
200	TOTAL

66500105 WOVEN WIRE FENCE

FOOT	LOCATION
1227	STA. 38+64 TO 50+45
98	STA. 461+15 TO 461+52 I-80 R.O.W. LT
72	STA. 460+87 TO 461+55 I-80 R.O.W. RT
85	STA. 461+92 TO 462+76 I-80 R.O.W. LT
130	STA. 461+90 TO 463+17 I-80 R.O.W. RT
1612	TOTAL

66502000 WOVEN WIRE GATES, 4' X 24' DOUBLE

EACH	LOCATION
1	STA. 39+12 FE - RT
1	TOTAL

66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

EACH	LOCATION
1	STA. 38+64.44 29.94' RT
1	STA. 38+64.73 40' RT
1	STA. 39+25.00 40' RT
1	STA. 39+45.61 40' LT
1	STA. 39+45.70 32.18' LT
1	STA. 39+99.82 50' RT
1	STA. 41+22.60 40' LT
1	STA. 41+24.40 50' RT
1	STA. 41+25.00 45' LT
1	STA. 42+75.00 45' LT
1	STA. 43+20.00 60' LT
1	STA. 101+40.51 45' LT
1	STA. 101+61.85 52.89' RT
1	STA. 44+43.86 65' LT
1	STA. 45+00 65' LT
1	STA. 45+00 80' RT
1	STA. 45+33.33 75' LT
1	STA. 48+00 130' RT
1	STA. 48+32.84 75' LT
1	STA. 49+50 145' RT
1	STA. 50+00 85' LT
1	STA. 50+45.15 85' LT
1	STA. 50+46.48 145' RT
1	STA. 52+87.75 115' LT
1	STA. 52+95.86 100' RT
1	STA. 54+00 100' RT
1	STA. 55+00 115' LT
1	STA. 57+00 75' RT
1	STA. 59+00 80' LT
1	STA. 62+40 75' RT
1	STA. 63+50 55' LT
1	STA. 64+20 30' RT
1	STA. 64+25 33' LT
33	TOTAL

CARROLL STREET
CARROLL STREET

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION
1	STA. 38+80 23' RT
1	STA. 48+45 22' RT
1	STA. 60+50 18' RT
3	TOTAL

PLT DATE = Nov Oct 92 09:54:53 2386
FILE NAME = C:\11100\11100\11100\11100.dgn
PLOT SCALE = 50.0000 / IN.
USER NAME = wmkasj

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	37-148R-1	HENRY	133	22
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

78200520 BARRIER WALL MARKERS, TYPE B

EACH	LOCATION
4	STA. 50+73.90
4	STA. 51+73.90
4	STA. 52+73.90
<u>12</u>	TOTAL

78200530 BARRIER WALL MARKERS, TYPE C

EACH	LOCATION
26	STA. 460+50 TO 464+50 STAGE I & II I-80 WB
26	STA. 446+00 TO 463+00 STAGE I & II I-80 EB
<u>52</u>	TOTAL

78201000 TERMINAL MARKER-DIRECT APPLIED

EACH	LOCATION
1	STA. 45+53.4
1	STA. 48+78.4
1	STA. 54+69.4
1	STA. 54+56.9
<u>4</u>	TOTAL

Z0013798 CONSTRUCTION LAYOUT

L. SUM	LOCATION
1	STA. 35+90 TO 63+70
<u>1</u>	TOTAL

Z0020900 ESTABLISHING AND REFERENCING LAND SECTION MARKERS

EACH	LOCATION
1	STA. 51+74.4 POPPY GARDEN ROAD
<u>1</u>	TOTAL

Z0029999 IMPACT ATTENUATOR REMOVAL

EACH	LOCATION
28	STA. 461+75 I-80
<u>28</u>	TOTAL

Z0030030 IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

EACH	LOCATION
1	STA. 461+65.83 I-80
1	STA. 461+81.10 I-80
<u>2</u>	TOTAL

Z0030250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION
1	STA. 459+00 I-80 EB INSIDE LN - STAGE I
1	STA. 464+50 I-80 WB INSIDE LN - STAGE I
<u>2</u>	TOTAL

Z0030350 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION
1	STA. 459+00 TO 459+50 I-80 EB INSIDE LN TO EB OUTSIDE LN - STAGE II
1	STA. 464+50 TO 464+50 I-80 WB INSIDE LN TO WB OUTSIDE LN - STAGE II
<u>2</u>	TOTAL

Z0049800 RELOCATE EXISTING SURVEY MARKERS

EACH	LOCATION
1	STA. 38+64.44 29.94' RT
1	STA. 38+64.73 40' RT
1	STA. 39+25.00 40' RT
1	STA. 39+45.61 40' LT
1	STA. 39+45.70 32.18' LT
1	STA. 39+99.82 50' RT
1	STA. 41+24.40 40' LT
1	STA. 41+24.40 50' RT
1	STA. 41+25.00 45' LT
1	STA. 42+75.00 45' LT
1	STA. 43+20.00 60' LT
1	STA. 101+40.51 45' LT
1	STA. 101+61.85 52.89' RT
1	STA. 44+43.86 65' LT
1	STA. 48+00 130' RT
1	STA. 48+32.84 75' LT
1	STA. 49+50 145' RT
1	STA. 50+00 85' LT
1	STA. 50+46.48 145' RT
1	STA. 50+45.15 85' LT
1	STA. 52+87.75 115' LT
1	STA. 52+95.86 100' RT
1	STA. 62+40 75' RT
<u>23</u>	TOTAL

Z0069400 STONE WELLS, SPECIAL

EACH	LOCATION
1	STA. 36+50 RT
1	STA. 37+90 LT
1	STA. 38+65.88 RT
1	STA. 39+19 LT
<u>4</u>	TOTAL

XX004900 TURF REINFORCEMENT MAT

SQ. YD.	LOCATION
3	STA. 38+30 5' x 5'
3	STA. 40+50 20' LT - 5' x 5'
4	STA. 50+56.9 LT 9' x 4'
4	STA. 50+56.9 RT 9' x 4'
6.75	STA. 52+90.9 LT 15' x 4'
6.25	STA. 52+90.9 RT 14' x 4'
30	STA. 460+45 TO 460+75 I-80 LT 9' WIDE
30	STA. 463+00 TO 463+30 I-80 RT 9' WIDE
<u>87</u>	TOTAL

PLT DATE = Mon Dec 02 09:35:29 2008
 PLT SCALE = 50.0000 / IN.
 USER NAME = reneka.j

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
SCALE:	VERT.:	DRAWN BY
DATE	HORIZ.:	
		CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	37-14BR-J	HENRY	133	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

X0325519 DRAIN FOR AGGREGATE BASE COURSE

SQ. YD.	LOCATION
1.52	STA. 41+00 RT
3.12	STA. 42+50 LT & RT
3.12	STA. 47+00 LT & RT
3.12	STA. 60+50 LT & RT
3.12	STA. 63+50 LT & RT
14	TOTAL

X0712400 TEMPORARY PAVEMENT

SQ. YD.	LOCATION
444.3	STA. 100+10 TO 102+40 LT CARROLL ST. - STAGE I
449.2	STA. 45+37.61 TO 102+50 RT CARROLL ST. - STAGE II
893.5	TOTAL

X0919000 TEMPORARY PAVEMENT REMOVAL

SQ. YD.	LOCATION
444.3	STA. 100+10 TO 102+40 LT CARROLL ST. - STAGE II
449.2	STA. 45+37.61 TO 102+50 RT CARROLL ST. - STAGE III
893.5	TOTAL

PLOT DATE * Mon Oct 02 09:35:41 2006
 FILE NAME * c:\projects\213180\1\1106\vr-dgn
 PLOT SCALE * 50.0000' / IN.
 USER NAME * rankesj

REVISIONS	
NAME	DATE

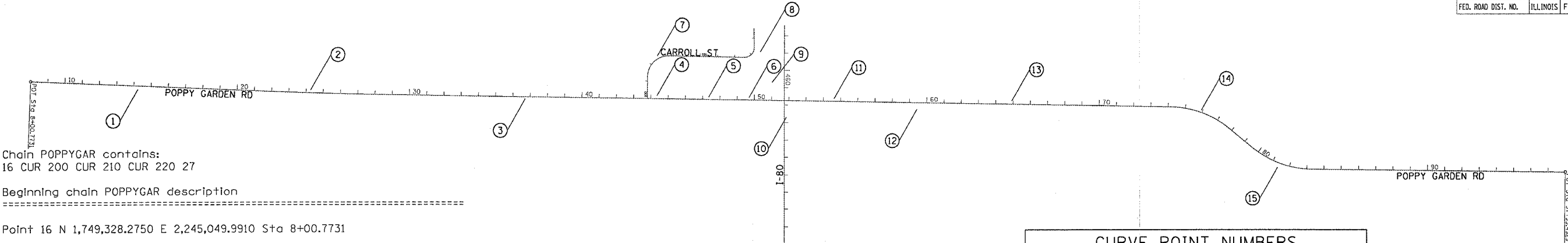
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
 DATE: HORIZ.

DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXISTING HORIZONTAL & VERTICAL CONTROL



Chain POPPYGAR contains:
16 CUR 200 CUR 210 CUR 220 27

Beginning chain POPPYGAR description

Point 16 N 1,749,328.2750 E 2,245,049.9910 Sta 8+00.7731

Course from 16 to PC 200 92° 23' 04.7695" Dist 1,365.8555'

Curve Data

Curve 200
P.I. Station 24+90.8572 N 1,749,257.9538 E 2,246,738.6115
Delta = 1° 23' 08.0644" (LT)
Degree = 0° 12' 49.2577"
Tangent = 324.2286'
Length = 648.4257'
Radius = 26,813.4852'
External = 1.9602'
Long Chord = 648.4099'
Mid. Ord. = 1.9601'
P.C. Station 21+66.6286 N 1,749,271.4443 E 2,246,414.6637
P.T. Station 28+15.0543 N 1,749,252.3004 E 2,247,062.7909
C.C. N 1,776,061.7092 E 2,247,530.3225

Course from PT 200 to PC 210 90° 59' 56.7051" Dist 4,600.6055'

Curve Data

Curve 210
P.I. Station 76+10.9805 N 1,749,168.6765 E 2,251,857.9881
Delta = 38° 45' 28.9166" (RT)
Degree = 10° 19' 05.2569"
Tangent = 195.3208'
Length = 375.6305'
Radius = 555.2924'
External = 33.3500'
Long Chord = 368.5095'
Mid. Ord. = 31.4605'
P.C. Station 74+15.6598 N 1,749,172.0822 E 2,251,662.6970
P.T. Station 77+91.2903 N 1,749,043.7621 E 2,252,008.1433
C.C. N 1,748,616.8742 E 2,251,653.0146

Course from PT 210 to PC 220 129° 45' 25.6216" Dist 159.8876'

Curve Data

Curve 220
P.I. Station 81+48.2892 N 1,748,815.4490 E 2,252,282.5907
Delta = 39° 05' 50.1993" (LT)
Degree = 10° 19' 16.3060"
Tangent = 197.1114'
Length = 378.8057'
Radius = 555.1273'
External = 33.9561'
Long Chord = 371.4989'
Mid. Ord. = 31.9988'
P.C. Station 79+51.1778 N 1,748,941.5085 E 2,252,131.0589
P.T. Station 83+29.9835 N 1,748,813.1790 E 2,252,479.6890
C.C. N 1,749,368.2696 E 2,252,486.0819

Course from PT 220 to 27 90° 39' 35.4223" Dist 1,469.5094'

Point 27 N 1,748,796.2560 E 2,253,949.1010 Sta 97+99.4929

Ending chain POPPYGAR description

CURVE	PI	CC	PC	PT
200	200	201	202	203
210	210	211	212	213
220	220	221	222	223

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1749250.7830	2248204.4720	608.0250	POPPYGAR	39+56.5883	18.3897' LT	SURVEY POINT, PIN
101	1749202.8360	2249049.3590	621.4820	POPPYGAR	48+02.1829	14.8182' RT	SURVEY POINT, PIN
102	1749199.9840	2249211.7340	625.6640	POPPYGAR	49+64.5829	14.8385' RT	SURVEY POINT, PIN

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
401	1749335.5410	2245264.3900	586.2580	POPPYGAR	10+14.6841	16.1804' LT	WALL, CROSS CUT
403	1749266.0770	2247792.3290	608.6080	POPPYGAR	35+44.2413	26.4951' LT	TELEPHONE POLE, RAILROAD SPIKE
411	1749223.6600	2249529.0850	629.0030	POPPYGAR	52+81.4728	14.3673' LT	SIDEWALK, PLUG
903333	1752406.9530	2249430.7550	609.8590	POPPYGAR	51+27.6525	3195.4619' LT	GPS CONTROL POINT, PIN
903334	1750219.5480	2249403.5260	608.1410	POPPYGAR	51+38.5682	1007.9146' LT	GPS CONTROL POINT, PIN
903335	1748306.4600	2249423.7560	606.9390	POPPYGAR	51+92.1525	904.5298' RT	GPS CONTROL POINT, PIN
AH3000	1738758.4740	2247391.8410	690.7510	POPPYGAR	33+27.0293	10486.4936' RT	TD2-NETWORK MONUMENT, PERMANENT SURVEY MARKER

APPARENT PROPERTY CORNERS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
700	1749206.0860	2247941.3530	608.3500	POPPYGAR	36+94.2886	30.8884' RT	PROPERTY CORNER, PIN
701	1749204.0700	2248111.4920	608.8600	POPPYGAR	38+64.4369	29.9374' RT	PROPERTY CORNER, PIN
702	1749267.3340	2248103.9180	608.8750	POPPYGAR	38+55.7610	33.1849' LT	PROPERTY CORNER, PIN
703	1749291.0090	2248881.5980	606.5020	POPPYGAR	46+32.9099	70.4162' LT	PROPERTY CORNER, PIN
704	1749504.5520	2248713.0460	607.9440	POPPYGAR	44+60.6601	280.9878' LT	PROPERTY CORNER, PIN
705	1749436.8610	2248743.1400	607.4730	POPPYGAR	44+91.9299	213.8319' LT	PROPERTY CORNER, PIN
706	1749435.1750	2248883.0860	606.4460	POPPYGAR	46+31.8840	214.5863' LT	PROPERTY CORNER, PIN
707	1749428.6200	2249212.7820	607.7600	POPPYGAR	49+61.6441	213.7810' LT	PROPERTY CORNER, PIN
708	1749494.6360	2249212.9290	607.0090	POPPYGAR	49+60.6400	279.7895' LT	PROPERTY CORNER, PIN
709	1749295.0910	2249211.7520	608.4440	POPPYGAR	49+62.9426	80.2543' LT	PROPERTY CORNER, PIN
710	1749157.3720	2250866.3350	610.3230	POPPYGAR	66+19.6754	28.5937' RT	PROPERTY CORNER, PIN

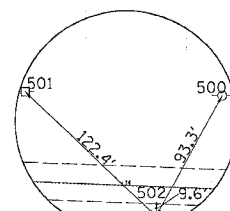
FILE NAME = #FILES
LEVELS = #LEVELS
SCALE = #SCALE
PLOT DATE = #DATE
OPERATOR = #NAME
REF
REF
REF

EXISTING HORIZONTAL & VERTICAL CONTROL

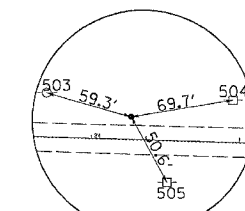
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	POPPYGAR	14+64.9235	63.2258' LT	TELEPHONE POLE, SHINER
501	POPPYGAR	13+31.8807	60.5738' LT	POWER POLE, SHINER
502	POPPYGAR	14+23.5404	10.7912' RT	PAVEMENT STATION NUMBER
503	POPPYGAR	23+68.8689	30.2119' LT	TELEPHONE POLE, SHINER
504	POPPYGAR	24+94.9276	29.0477' LT	POWER POLE, SHINER
505	POPPYGAR	24+51.9119	28.0442' RT	POWER POLE, SHINER
506	POPPYGAR	36+93.2005	28.8850' RT	POWER POLE, SHINER
507	POPPYGAR	36+64.5999	24.2374' LT	POWER POLE, SHINER
508	POPPYGAR	36+70.7723	8.7050' RT	PAVEMENT STATION NUMBER
509	POPPYGAR	44+11.9483	57.9156' LT	POWER POLE, SHINER
510	POPPYGAR	44+18.3356	34.6144' LT	2.5' PIPE CULVERT, END
511	POPPYGAR	44+77.1837	19.2942' LT	GUARDRAIL STEEL PLATE BEAM, END
512	POPPYGAR	44+60.7620	281.3437' LT	FENCE POST, SHINER
513	POPPYGAR	44+81.7516	235.6667' LT	MANHOLE LID, CENTER
514	POPPYGAR	44+41.7224	264.5211' LT	PIPE CULVERT, END
515	POPPYGAR	49+60.4159	279.3365' LT	R.O.W MARKER, BACK
516	POPPYGAR	49+92.6056	253.3659' LT	MANHOLE LID, CENTER
517	POPPYGAR	50+39.0234	231.7599' LT	WATER BUFFALO BOX, CENTER
518	POPPYGAR	47+27.0402	17.3288' RT	GUARDPOST, SHINER
519	POPPYGAR	47+39.6658	17.3667' RT	GUARDPOST, SHINER
520	POPPYGAR	47+52.1007	17.3658' RT	GUARDPOST, SHINER
521	POPPYGAR	49+76.9450	17.2013' RT	GUARDPOST, SHINER
522	POPPYGAR	49+64.4525	17.1671' RT	GUARDPOST, SHINER
523	POPPYGAR	49+51.9725	17.1037' RT	GUARDPOST, SHINER
524	POPPYGAR	50+53.3452	77.2222' LT	POWER POLE, SHINER
525	POPPYGAR	51+06.1066	90.2731' LT	GUARDPOST, SHINER
526	POPPYGAR	51+05.3544	121.3087' LT	GUARDPOST, SHINER
527	POPPYGAR	52+41.6713	83.3285' RT	GUARDPOST, SHINER
528	POPPYGAR	52+41.9504	95.8365' RT	GUARDPOST, SHINER
529	POPPYGAR	52+42.2287	108.3556' RT	GUARDPOST, SHINER
530	POPPYGAR	54+70.6406	17.2340' RT	GUARDPOST, SHINER
531	POPPYGAR	54+58.1089	17.3596' RT	GUARDPOST, SHINER
532	POPPYGAR	54+45.6460	17.3609' RT	GUARDPOST, SHINER
533	POPPYGAR	58+46.5472	59.8731' RT	POWER POLE, SHINER
534	POPPYGAR	58+70.9977	18.4524' RT	GUARDRAIL STEEL PLATE BEAM, END
535	POPPYGAR	58+71.0720	19.9587' LT	GUARDRAIL STEEL PLATE BEAM, END
536	POPPYGAR	64+90.5034	24.6204' RT	POWER POLE WITH TRANSFORMER, SHINER
537	POPPYGAR	64+79.6339	32.4368' LT	FENCE POST, SHINER
538	POPPYGAR	64+94.7941	33.6483' LT	GATE POST, SHINER
539	POPPYGAR	75+39.9799	34.3841' LT	TELEPHONE POLE, SHINER
540	POPPYGAR	76+12.5233	34.0934' LT	TELEPHONE POLE, SHINER
541	POPPYGAR	76+44.2948	33.5346' LT	POWER POLE WITH TRANSFORMER, SHINER
542	POPPYGAR	81+30.4915	68.4219' RT	POWER POLE, SHINER
543	POPPYGAR	81+35.3302	72.6643' RT	FENCE POST, SHINER
544	POPPYGAR	81+84.3781	17.9608' RT	MAILBOX, SHINER

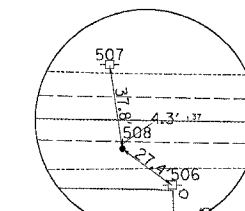
HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1749281.9650	2245671.4700	581.2690	POPPYGAR	14+23.6408	20.4113' RT	SURVEY POINT, PIN
2	1749277.5440	2246674.8140	606.8210	POPPYGAR	24+26.4557	15.6606' LT	SURVEY POINT, PIN
3	1749224.3370	2247918.2300	608.5170	POPPYGAR	36+70.8509	13.0433' RT	SURVEY POINT, PIN
4	1749240.8120	2248682.3340	610.9080	POPPYGAR	44+34.5515	16.7524' LT	SURVEY POINT, PIN
5	1749232.9360	2248982.8660	619.6050	POPPYGAR	47+35.1751	14.1178' LT	SURVEY POINT, PIN
6	1749229.6010	2249217.0030	625.9200	POPPYGAR	49+69.3347	14.8658' LT	SURVEY POINT, PIN
7	1749470.9180	2248685.8000	609.1380	POPPYGAR	44+34.0047	246.8839' LT	SURVEY POINT, PIN
8	1749491.7630	2249282.7210	608.3690	POPPYGAR	50+30.4715	278.1339' LT	SURVEY POINT, PIN
9	1749316.7090	2249351.1770	607.3880	POPPYGAR	51+01.9694	104.3001' LT	SURVEY POINT, PIN
10	1749115.6250	2249431.9090	606.6160	POPPYGAR	51+86.1954	95.3456' RT	SURVEY POINT, PIN
11	1749220.9720	2249708.7020	623.9290	POPPYGAR	54+61.1094	14.8116' LT	SURVEY POINT, PIN
12	1749160.3890	2250190.5280	611.1710	POPPYGAR	59+43.9185	37.3608' RT	SURVEY POINT, PIN
13	1749206.8670	2250739.9940	610.2670	POPPYGAR	64+92.4906	18.6908' LT	SURVEY POINT, PIN
14	1749154.8390	2251840.6380	610.7130	POPPYGAR	75+92.3188	14.4519' LT	SURVEY POINT, PIN
15	1748824.1120	2252279.7290	606.7110	POPPYGAR	81+35.1644	26.8426' RT	SURVEY POINT, PIN



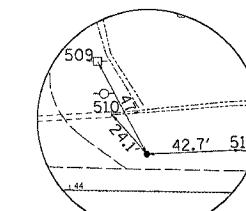
HORIZONTAL CONTROL POINT No. 1



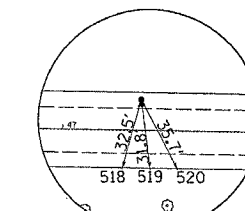
HORIZONTAL CONTROL POINT No. 2



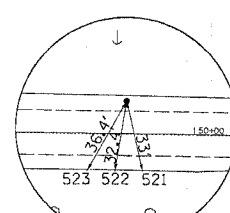
HORIZONTAL CONTROL POINT No. 3



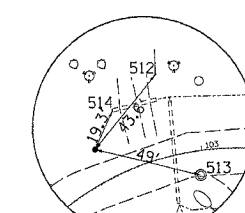
HORIZONTAL CONTROL POINT No. 4



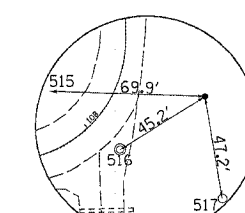
HORIZONTAL CONTROL POINT No. 5



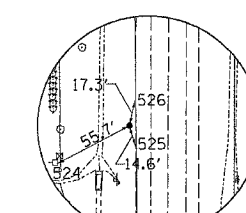
HORIZONTAL CONTROL POINT No. 6



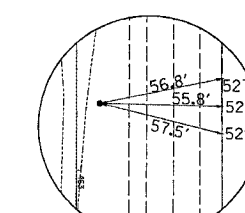
HORIZONTAL CONTROL POINT No. 7



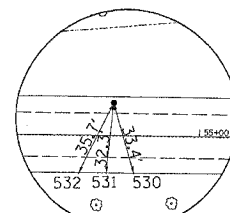
HORIZONTAL CONTROL POINT No. 8



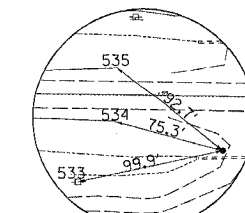
HORIZONTAL CONTROL POINT No. 9



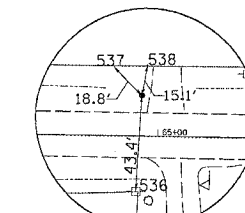
HORIZONTAL CONTROL POINT No. 10



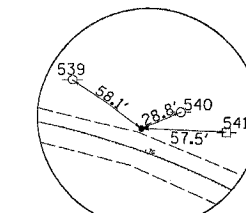
HORIZONTAL CONTROL POINT No. 11



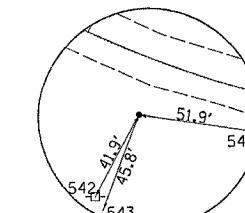
HORIZONTAL CONTROL POINT No. 12



HORIZONTAL CONTROL POINT No. 13



HORIZONTAL CONTROL POINT No. 14



HORIZONTAL CONTROL POINT No. 15

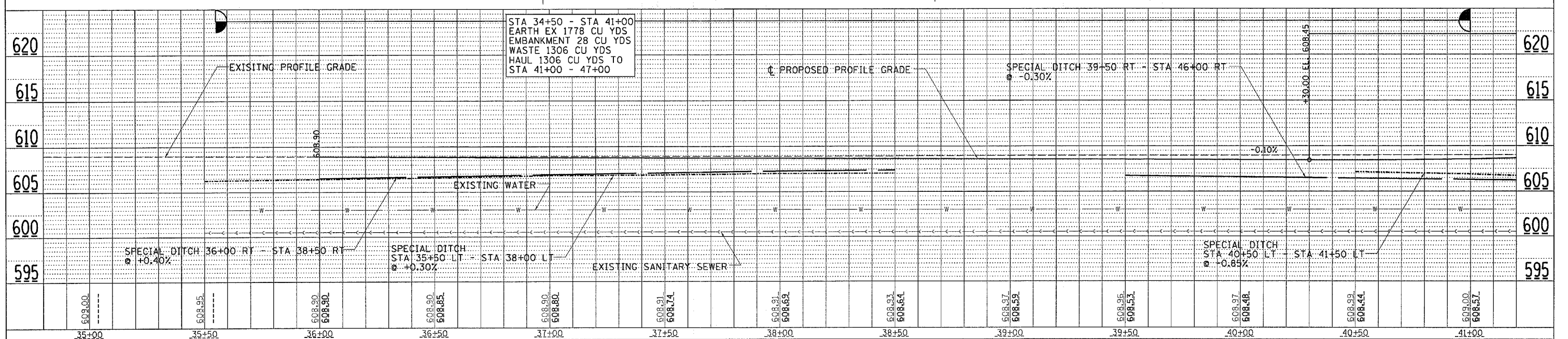
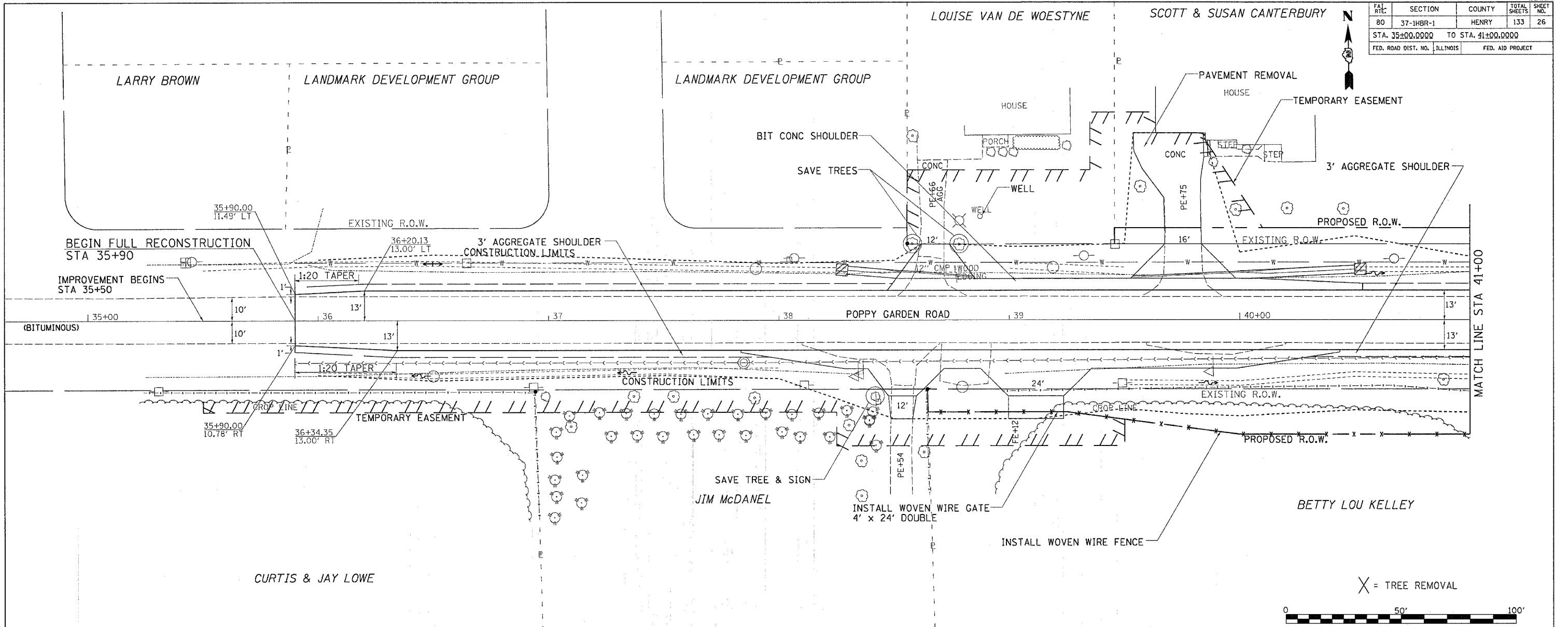
FILE NAME = #FILES
 LEVELS = #LEVELS
 PLOT DATE = #PLOTS
 OPERATOR = #OPERATORS
 REF = #REFS

F&E	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	26
STA. 35+00.0000 TO STA. 41+00.0000				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	

DATE	BY	REVISION

DATE	BY	REVISION

DATE TIME
BY SPEC
BY SPEC
BY SPEC
BY SPEC



**POPPY GARDEN RD
STA 35+00 - STA 41+00**

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	27
STA. 41+00.0000		TO STA. 47+00.0000		
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	

SCOTT & SUSAN CANTERBURY

BRUCE C. ADAMS, SR



SEE PAGE 31, 47-48

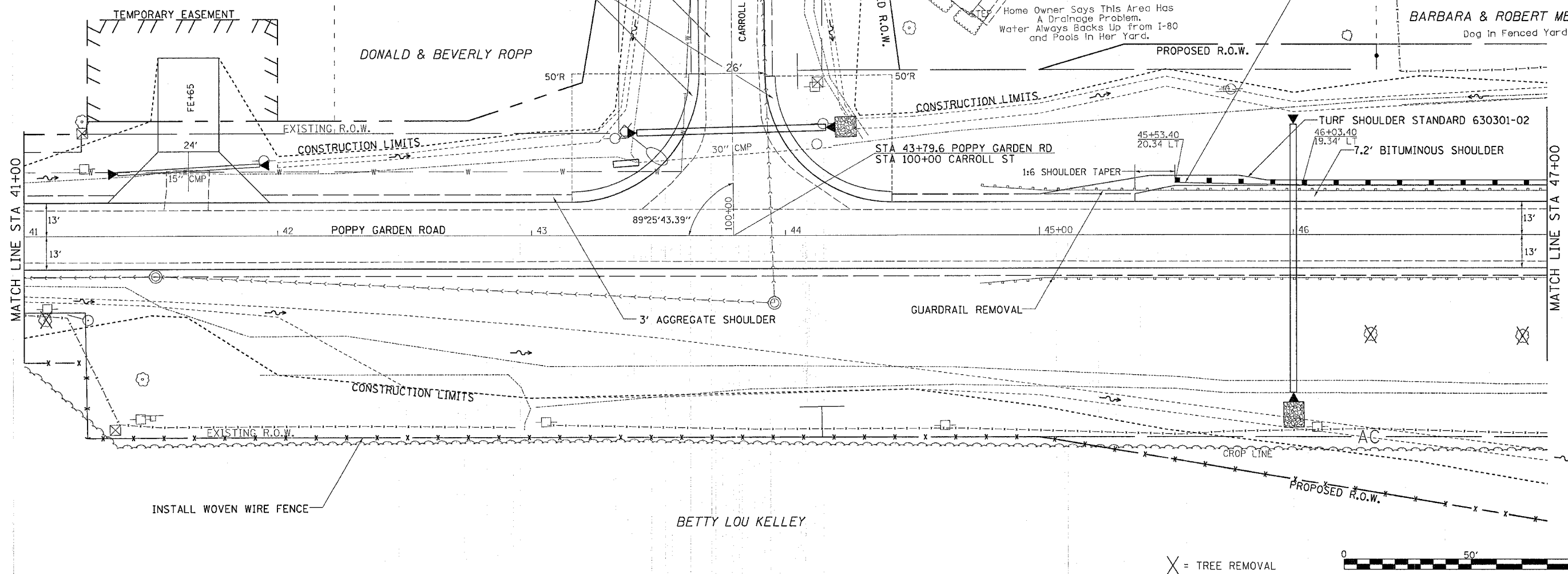
4' BITUMINOUS SHOULDER

DONALD & BEVERLY ROPP

Home Owner Says This Area Has A Drainage Problem. Water Always Backs Up from I-80 and Pools in Her Yard.

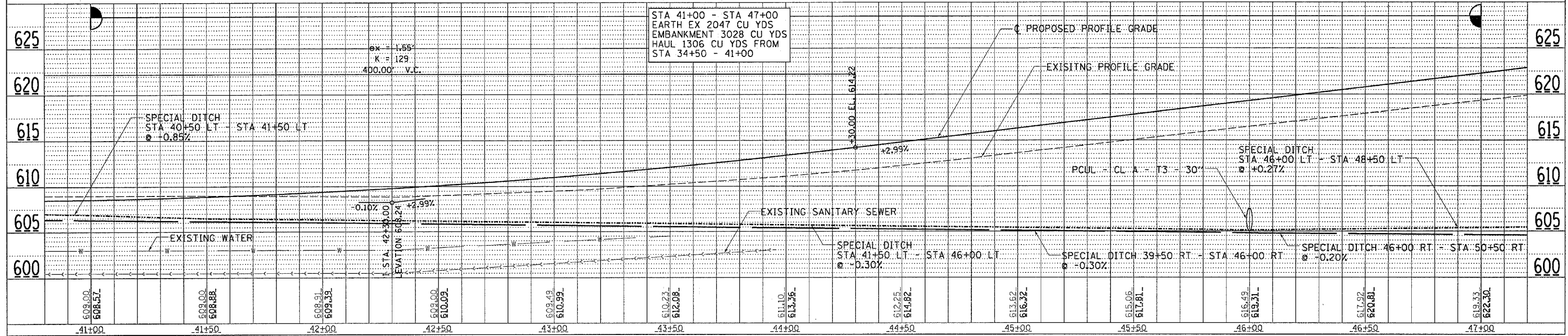
BARBARA & ROBERT MERRILL
Dog in Fenced Yard

GARAGE

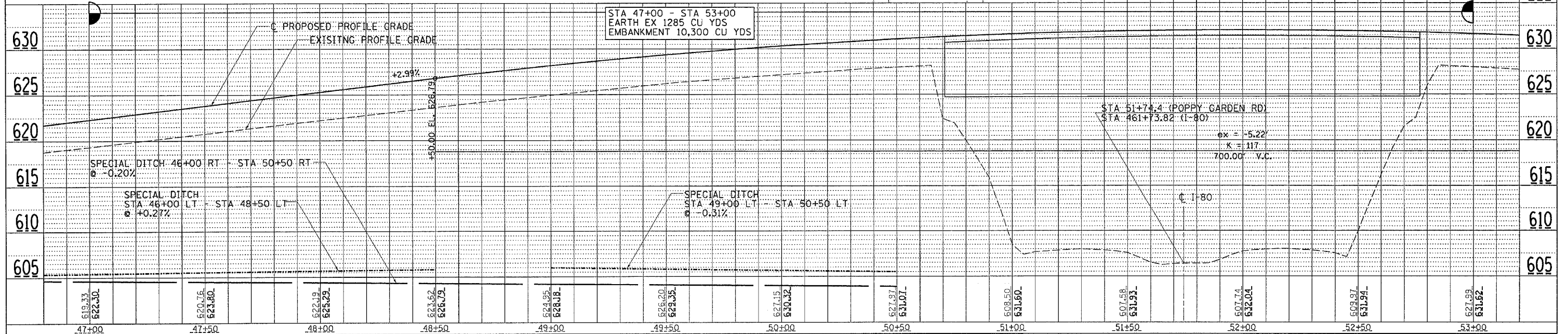
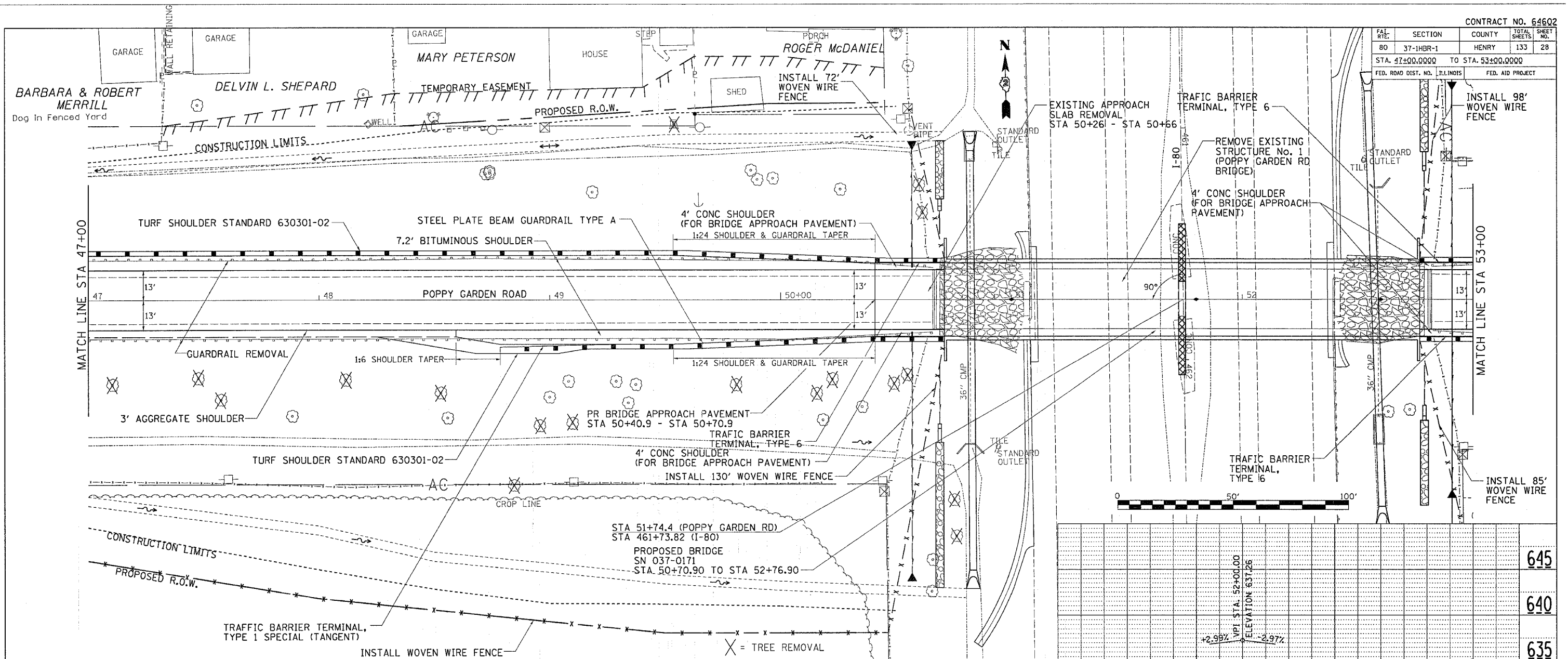


PLAN	SURVEYED	BY	DATE
	PLANNED		
	NOTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLANNED		
	NOTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	NO.		
	FILE NAME		



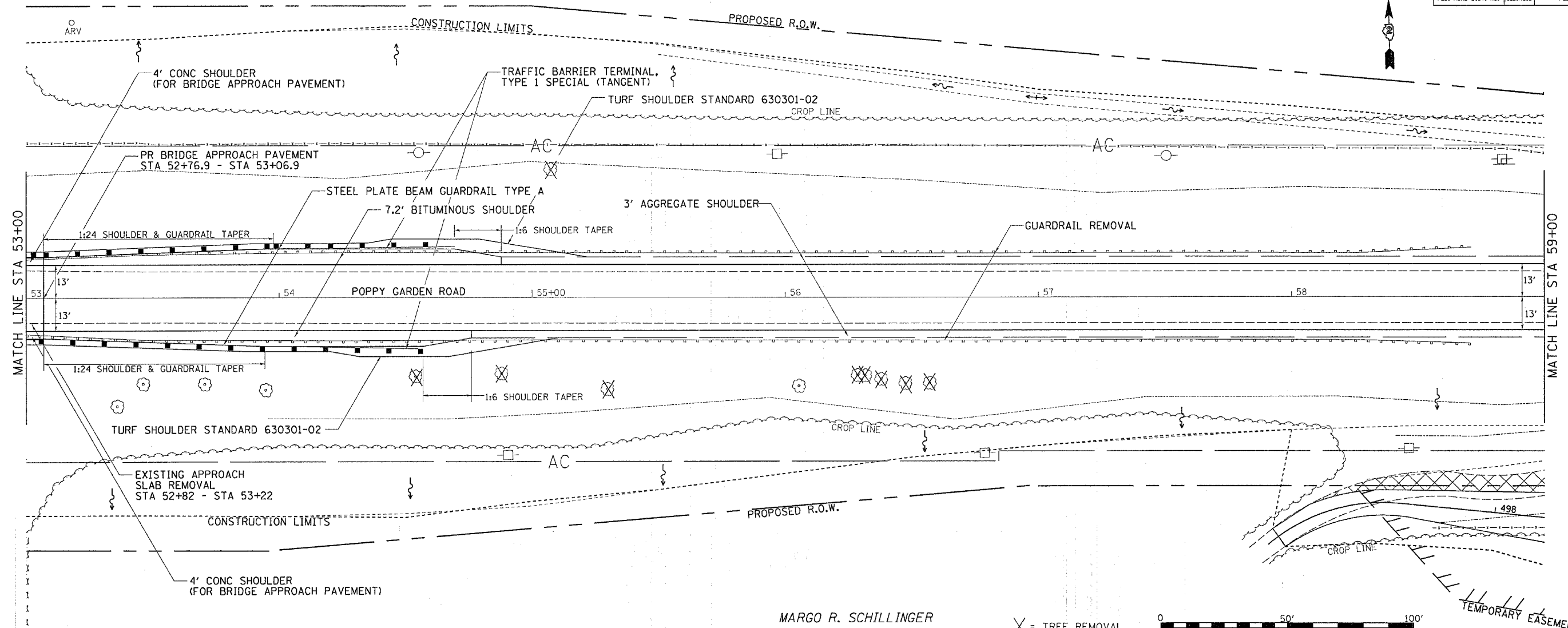
FAL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	28
STA. 47+00.0000		TO STA. 53+00.0000		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



JOSE M. ALBERT, MD

CONTRACT NO. 64602

FBI-RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	29
STA. 53+00.0000 TO STA. 59+00.0000				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

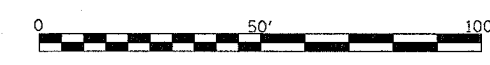


DATE	
BY	
NO.	
DATE	
BY	
NO.	

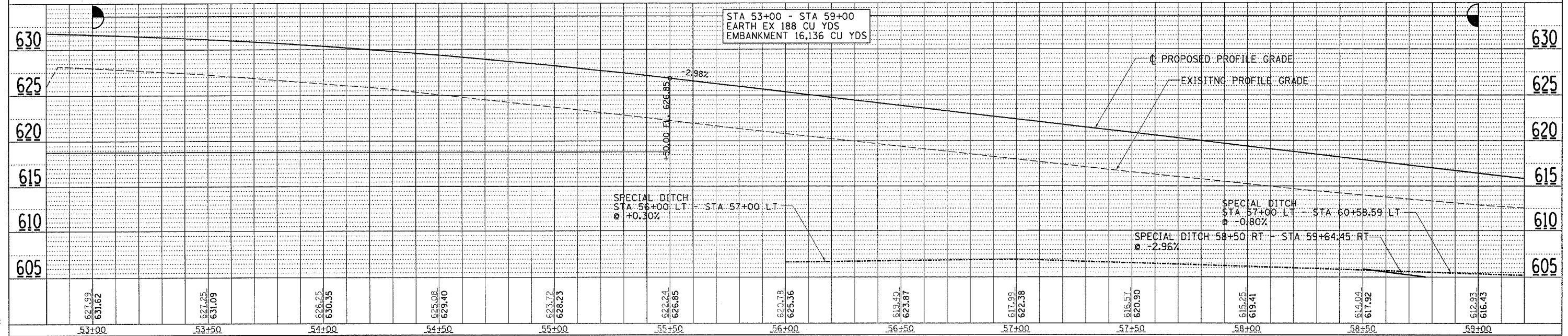
DATE-TIME*	
DATE	
BY	
NO.	
DATE	
BY	
NO.	

MARGO R. SCHILLINGER

X = TREE REMOVAL



TEMPORARY EASEMENT



POPPY GARDEN RD
STA 53+00 - STA 59+00

JOSE M. ALBERT, MD

CONTRACT NO. 64602

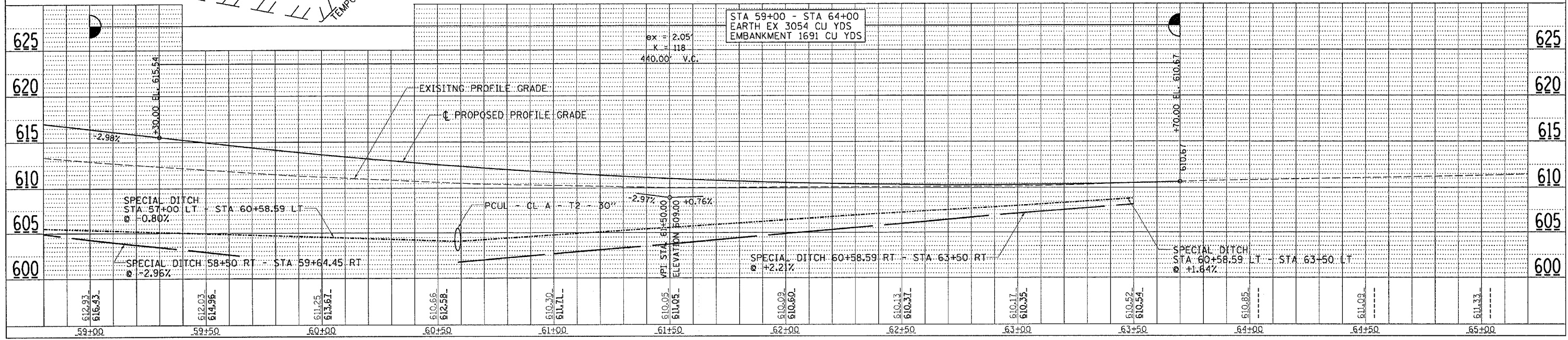
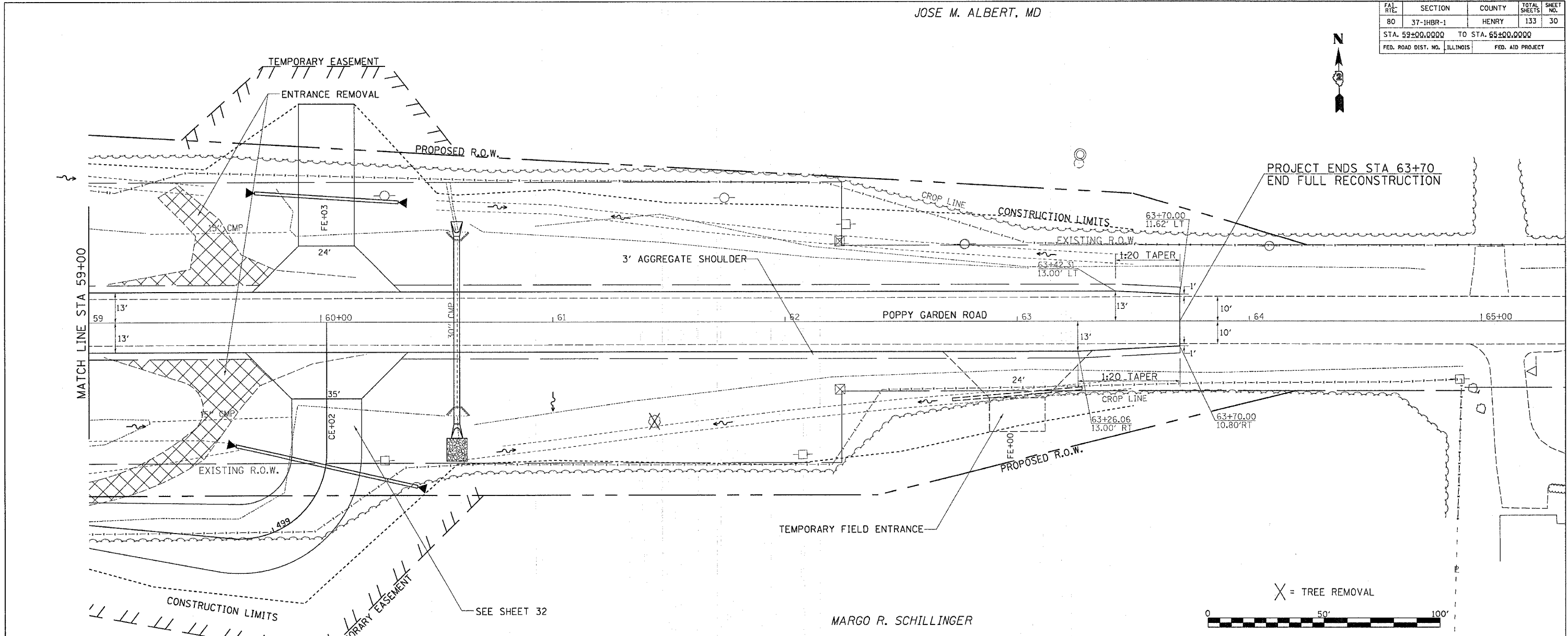
FAL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	30
STA. 59+00.0000 TO STA. 65+00.0000				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	



DATE	
BY	
NO. OF WAY CHECKED	
NO. OF FIELD NOTES	

DATE	
BY	
NO. OF WAY CHECKED	
NO. OF FIELD NOTES	

DATE-TIME: 11/11/92
 DRAWN-SPEC: JMA
 CHECKED: JMA
 REF: 517.92



POPPY GARDEN RD
STA 59+00 - STA 65+00

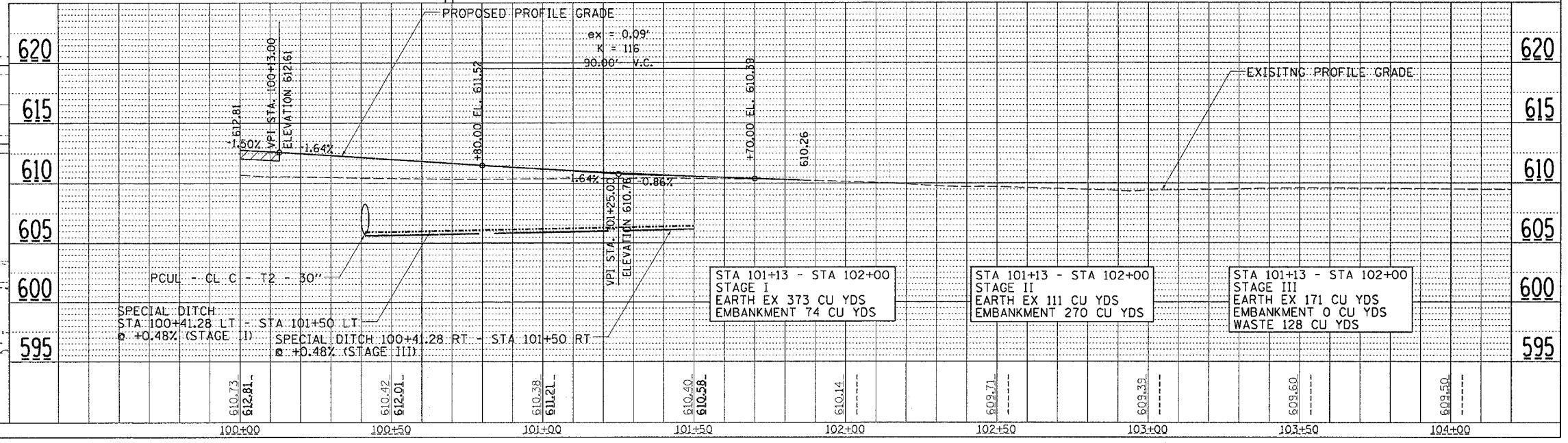
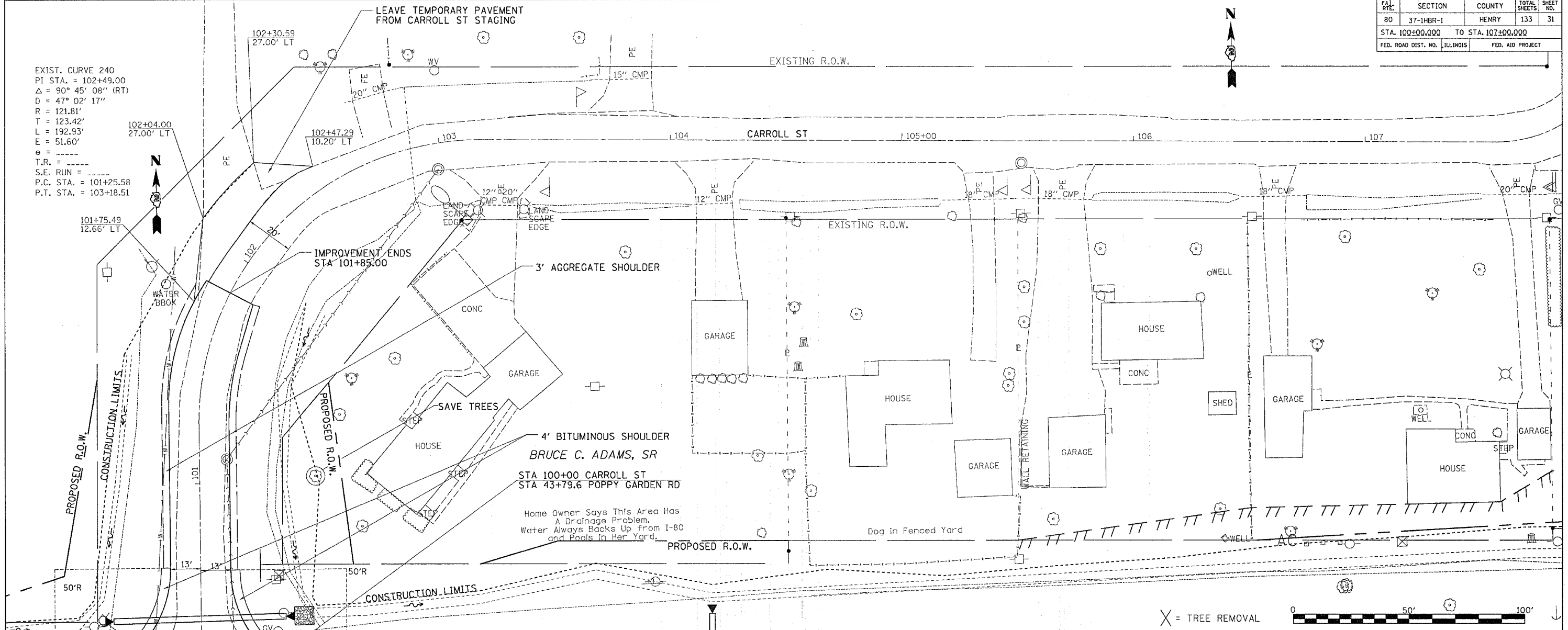
FAL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	31
STA. 100+00.000		TO STA. 107+00.000		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



EXIST. CURVE 240
 PI STA. = 102+49.00
 $\Delta = 90^\circ 45' 08''$ (RT)
 $D = 47^\circ 02' 17''$
 $R = 121.81'$
 $T = 123.42'$
 $L = 192.93'$
 $E = 51.60'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 101+25.58$
 $P.T. STA. = 103+18.51$

PLAN	REVISION	DATE
NO.		

PROFILE	DATE
NO.	

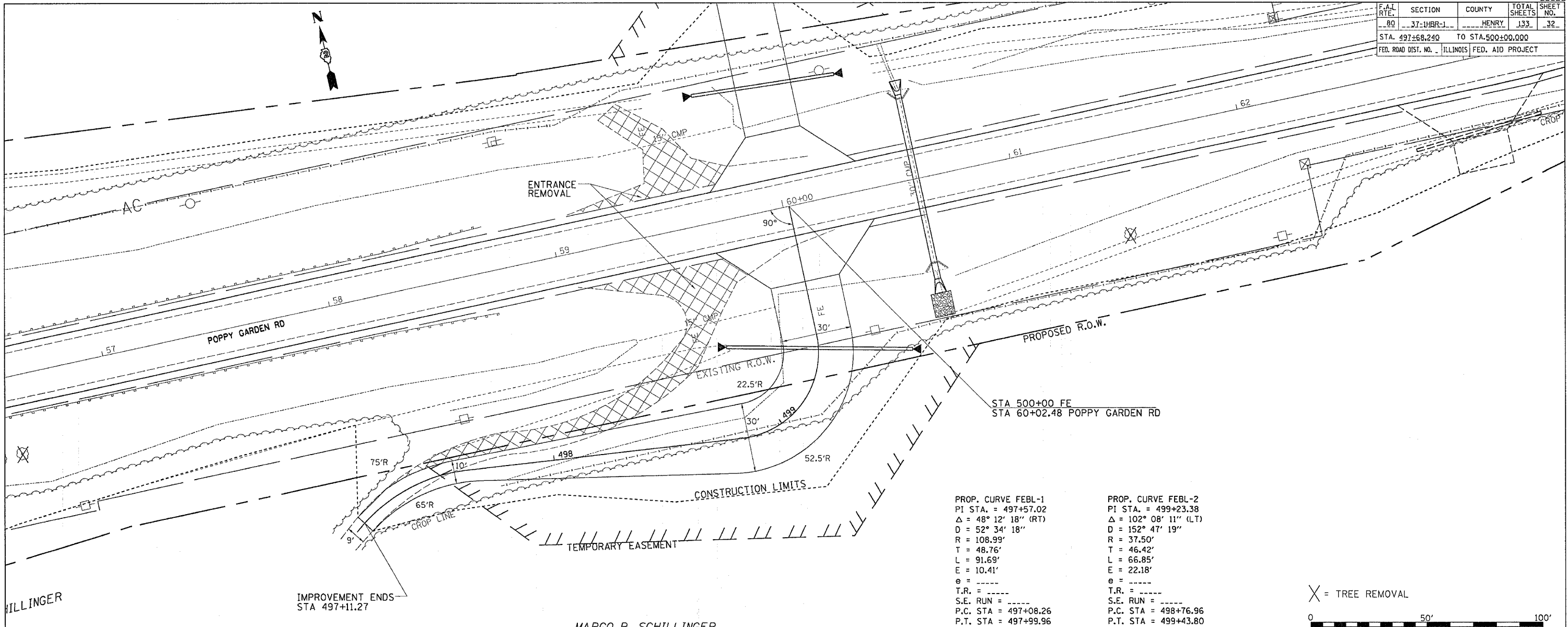


F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HR-1	HENRY	133	32
STA. 497±68.240		TO STA. 500±00.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

PLAN	DATE
SURVEYED	
PLotted	
NOTED	
NO. OF WAY CHECKED	
DATE FILE NAME	

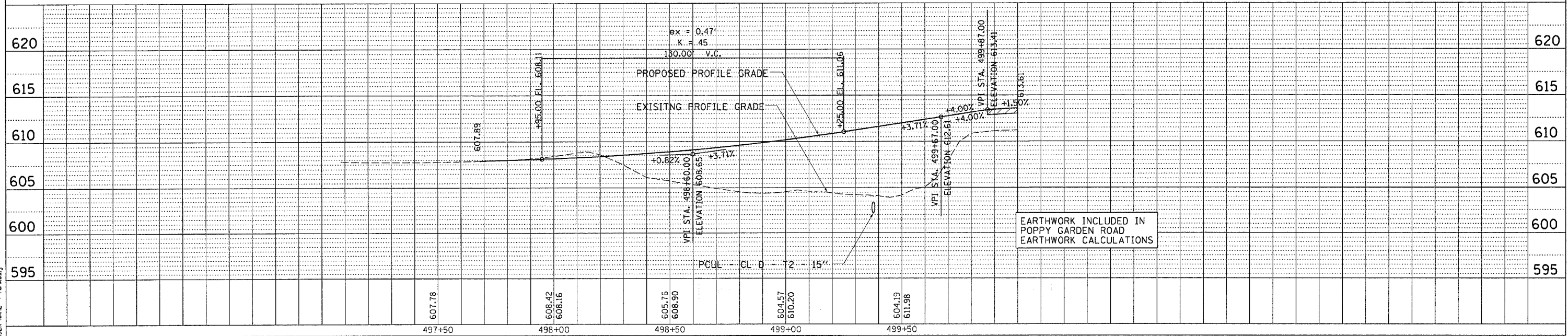
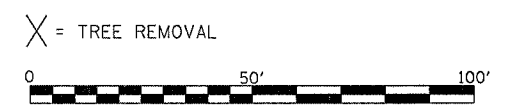
PROFILE	DATE
SURVEYED	
PLotted	
NOTED	
NO. OF WAY CHECKED	
DATE FILE NAME	

PLOT DATE = Mon Oct 02 08:48:49 2006
 PLOT SCALE = 20.0000 / IN.
 USER NAME = reneal



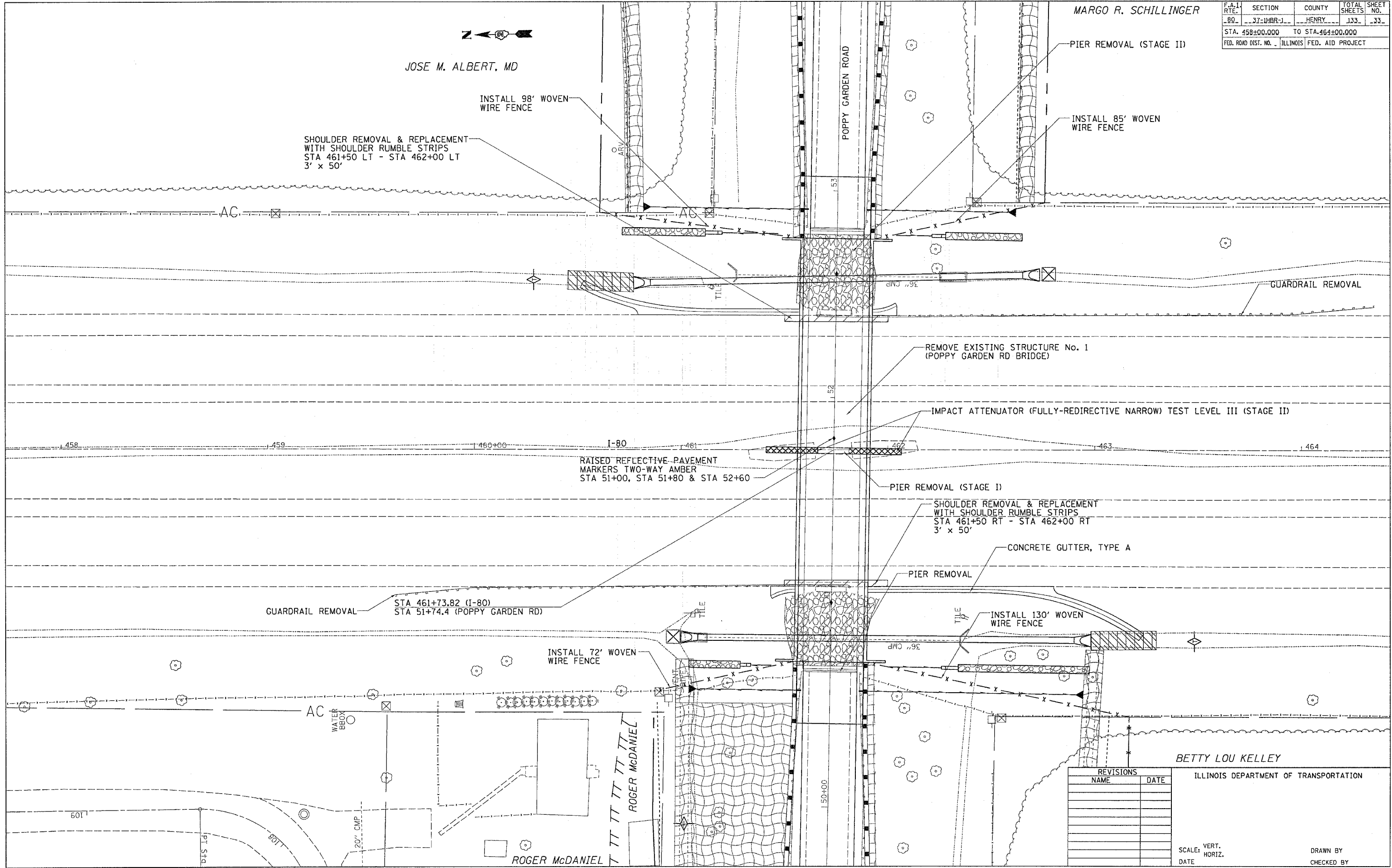
PROP. CURVE FEBL-1
 PI STA. = 497+57.02
 Δ = 48° 12' 18" (RT)
 D = 52° 34' 18"
 R = 108.99'
 T = 48.76'
 L = 91.69'
 E = 10.41'
 P.C. STA = 497+08.26
 P.T. STA = 497+99.96

PROP. CURVE FEBL-2
 PI STA. = 499+23.38
 Δ = 102° 08' 11" (LT)
 D = 152° 47' 19"
 R = 37.50'
 T = 46.42'
 L = 66.85'
 E = 22.18'
 P.C. STA = 498+76.96
 P.T. STA = 499+43.80



**FIELD ENTRANCE
 STA 60+02.48 RT**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-UHBR-J	HENRY	33	33
STA. 458±00.000		TO STA. 464±00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = Mon Oct 02 09:41:28 2006
 FILE NAME = c:\p\proj\64602\1380\1380.dwg
 PLOT SCALE = 20.000000 / 1 IN.
 USER NAME = rmcDaniel

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

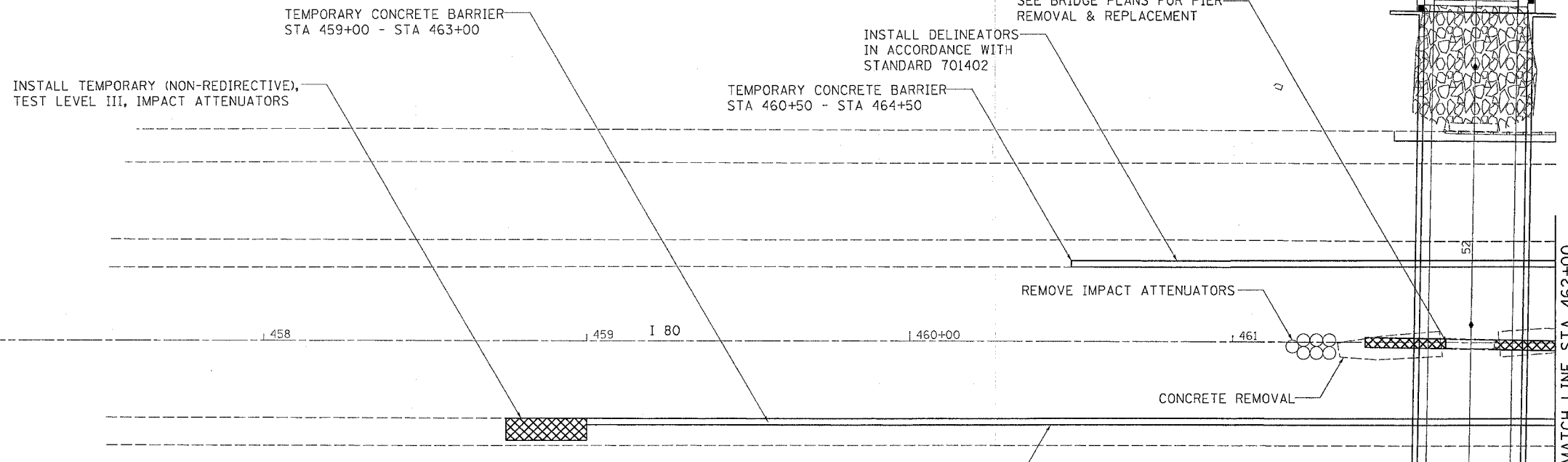
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

I-80 STAGE I

CONTRACT NO. 64602

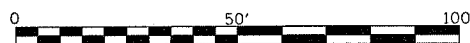
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	34
STA. 456+00.000		TO STA. 462+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Traffic Control Staging Notes on I-80

Stage I

1. Install all Temporary concrete barrier wall on Interstate 80 (I-80) using Traffic Control and Protection Standard 701400 & 701406, Special Provisions, and applicable sections of the current Standard Specifications for Road and Bridge Construction.
2. Install Impact Attenuators (Non-Redirective), Test Level 3, and bases as shown on plans, per manufacturer specifications, Special Provisions, Standard Specifications, and as shown on the project plans. All attenuator base construction will be included in the cost of the impact attenuator. Install Impact Attenuators and bases using Traffic Control and Protection Standard 701400 & 701406, Special Provisions, Standard Specifications, and as shown on the project plans.
3. Install, relocate, and remove protective shield using Traffic Control and Protection Standard 701400 & 701406, Special Provisions, Standard Specifications, and as shown on project plans.
4. Remove existing center bridge pier using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
5. Remove existing bridge beams using Traffic Control and Protection (Special), Special Provisions, Standard Specifications, and as shown on the project plans.
6. Construct center bridge pier and install permanent fully-redirective and self-restoring Test Level III Impact Attenuators per manufacturer specifications, using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans. All attenuator bases necessary for the installation of temporary and/or permanent impact attenuators shall be included in the cost of the impact attenuator.
7. Temporary concrete barrier wall shall not be relocated until all permanent impact attenuators have been installed and approved by the Engineer.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

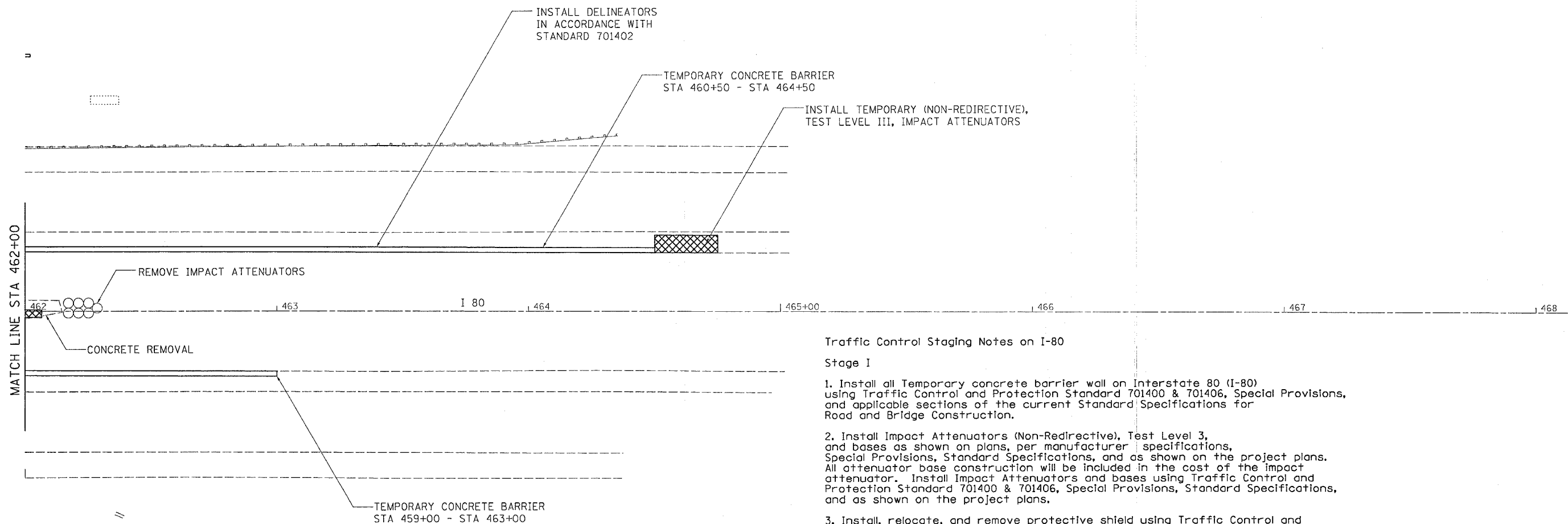
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = Fri Sep 01 10:16:31 2006
 FILE NAME = c:\projects\213102\13102.dwg
 PLOT SCALE = 20.0000 / 1" IN
 USER NAME = feneberj

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	35
STA. 462+00.000		TO STA. 468+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I-80 STAGE I



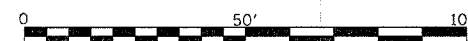
Traffic Control Staging Notes on I-80

Stage I

1. Install all Temporary concrete barrier wall on Interstate 80 (I-80) using Traffic Control and Protection Standard 701400 & 701406, Special Provisions, and applicable sections of the current Standard Specifications for Road and Bridge Construction.
2. Install Impact Attenuators (Non-Redirective), Test Level 3, and bases as shown on plans, per manufacturer specifications, Special Provisions, Standard Specifications, and as shown on the project plans. All attenuator base construction will be included in the cost of the impact attenuator. Install Impact Attenuators and bases using Traffic Control and Protection Standard 701400 & 701406, Special Provisions, Standard Specifications, and as shown on the project plans.
3. Install, relocate, and remove protective shield using Traffic Control and Protection Standard 701400 & 701406, Special Provisions, Standard Specifications, and as shown on project plans.
4. Remove existing center bridge pier using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
5. Remove existing bridge beams using Traffic Control and Protection (Special), Special Provisions, Standard Specifications, and as shown on the project plans.
6. Construct center bridge pier and install permanent fully-redirective and self-restoring Test Level III Impact Attenuators per manufacturer specifications, using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans. All attenuator bases necessary for the installation of temporary and/or permanent impact attenuators shall be included in the cost of the impact attenuator.
7. Temporary concrete barrier wall shall not be relocated until all permanent impact attenuators have been installed and approved by the Engineer.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION



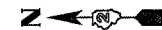
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLT DATE = Fri, Sep 01 10:16:33 2006
FILE NAME = c:\projects\1213180\1213180.dgn
PLOT SCALE = 28.80000' / IN.
USER NAME = rnkoolj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	36
STA. 235+00.000		TO STA. 262+00.000		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

I-80 STAGE II

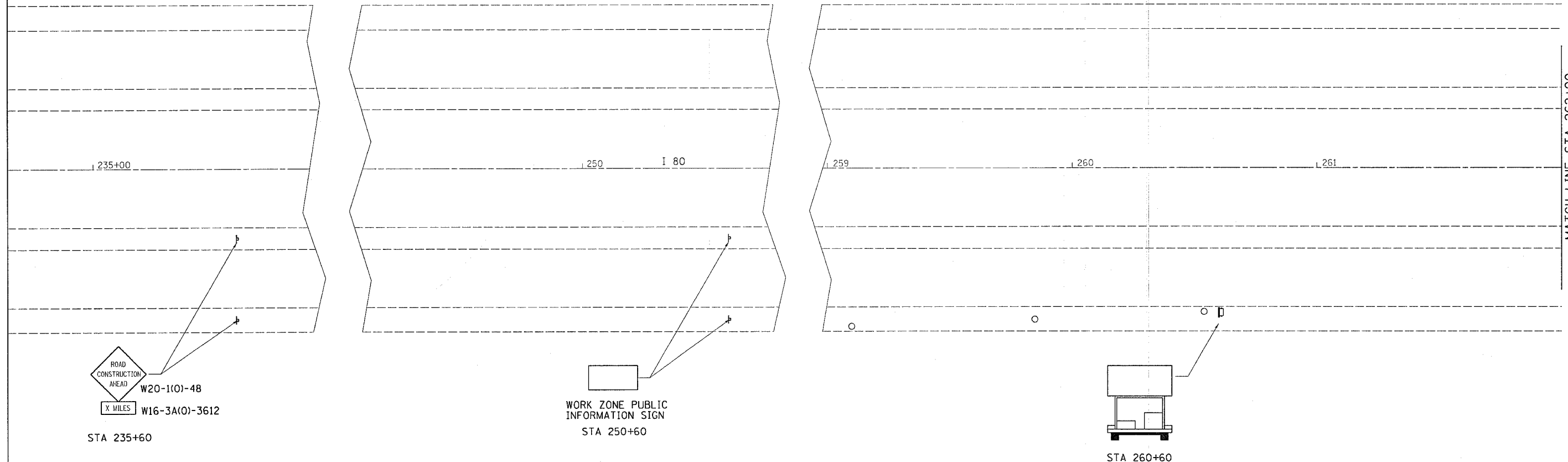


Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

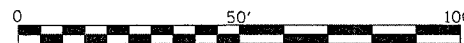
Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

PLOT DATE = Fri, Sep 01, 2006 10:53:28 AM
 FILE NAME = c:\pcc\sect\23188\03188a.dgn
 PLOT SCALE = 20.0000' / IN.
 USER NAME = ramkeilj

I-80 STAGE II

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	37
STA. 262+00.000		TO STA. 421+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

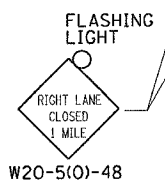
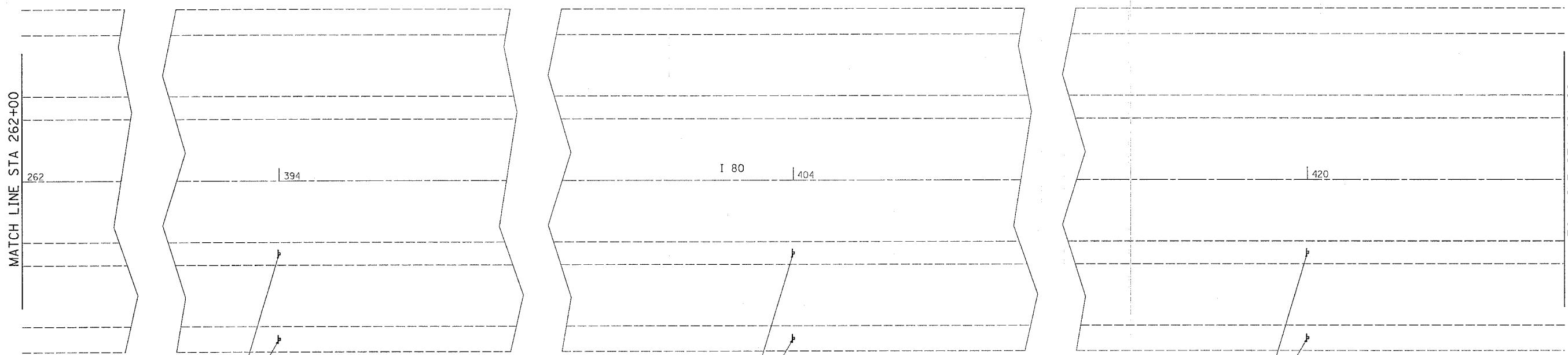


Stage II

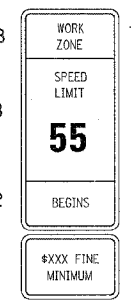
1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

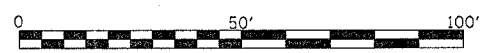
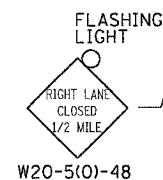
1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



- W2-I115(0)-3618
- R2-1-3648
- W2-I113(0)-3612
- R2-I106-3618



STA 404+00



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = Fri Sep 01 10:16:52 2006
 FILE NAME = c:\p\c\p\eta\213100\dl3100a19.dgn
 PLOT SCALE = 20:8000 / IN
 USER NAME = fmk@stl.lj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	38
STA. 421+00.000		TO STA. 447+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

I-80 STAGE II

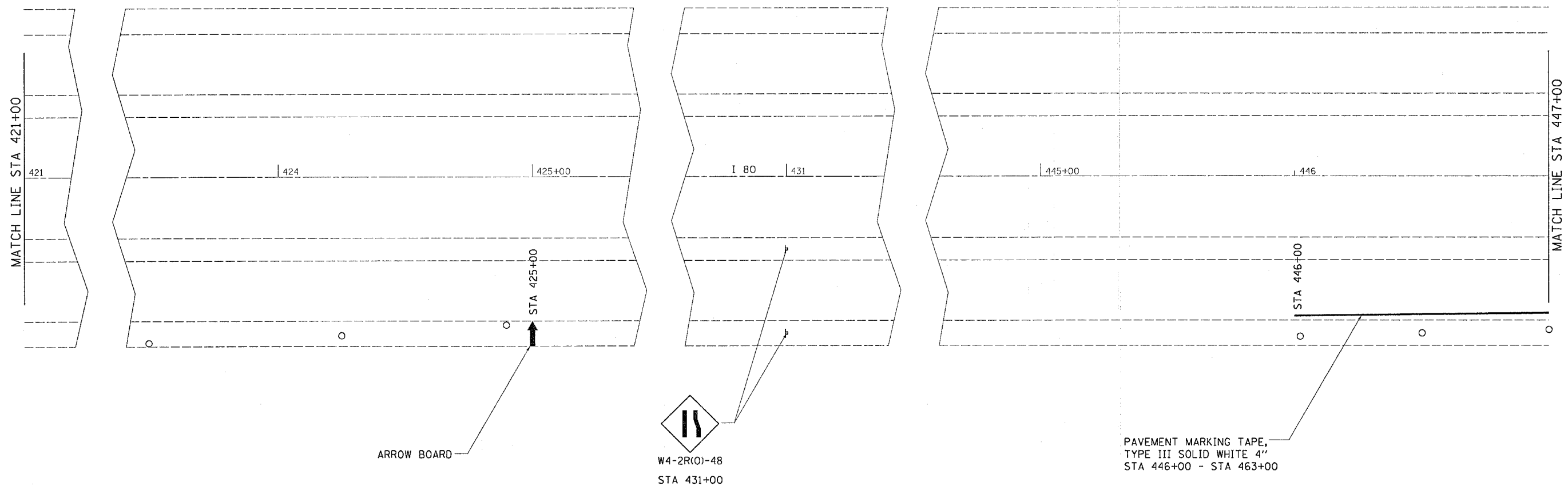


Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

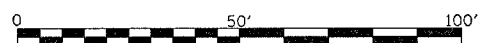
Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- STA 446+00 - STA 456+00 DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

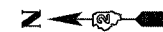


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
		DRAWN BY
		CHECKED BY

PLOT DATE = Fri Sep 01 10:46:32 2006
 FILE NAME = c:\p\proj\sta\21300\ad3180a.tpdgn
 PLOT SCALE = 200.0000 / IN.
 USER NAME = penderaj

F.A. I-80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	39
STA. 447+00.000		TO STA. 453+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

I-80 STAGE II

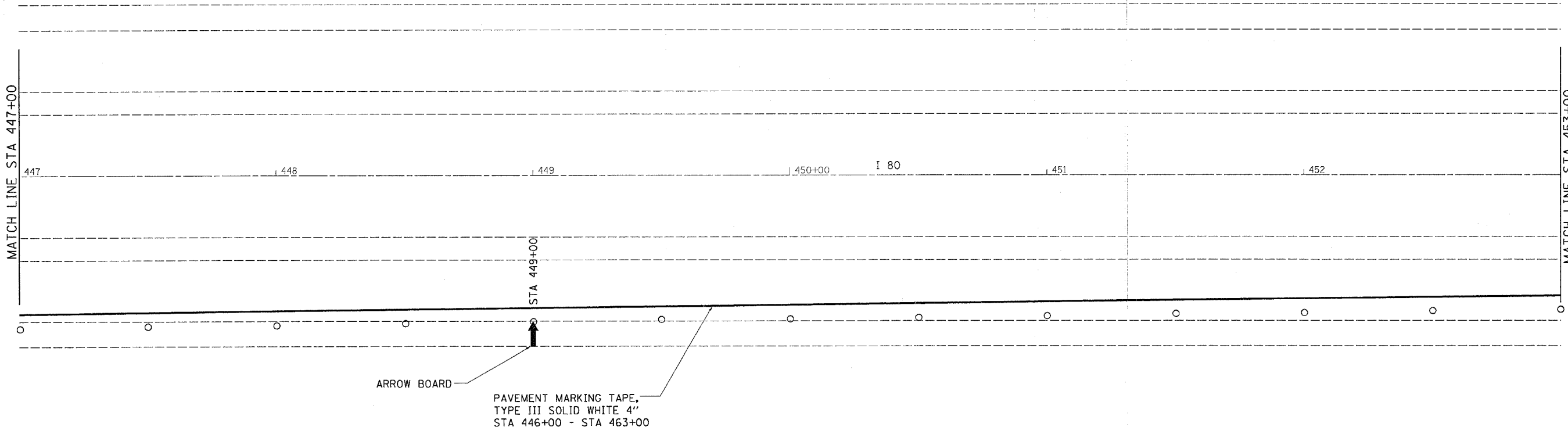


Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

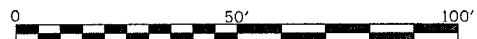
Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

○ STA 446+00 - STA 456+00 DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE DRAWN BY CHECKED BY

PLT DATE = Fri Sep 01 10:16:33 2006
FILE NAME = c:\pwork\p21\3180\413100\413100.dgn
PLT SCALE = 28.0000' / IN.
USER NAME = rnkoolj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	40
STA. 453+00.000		TO STA. 459+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I-80 STAGE II

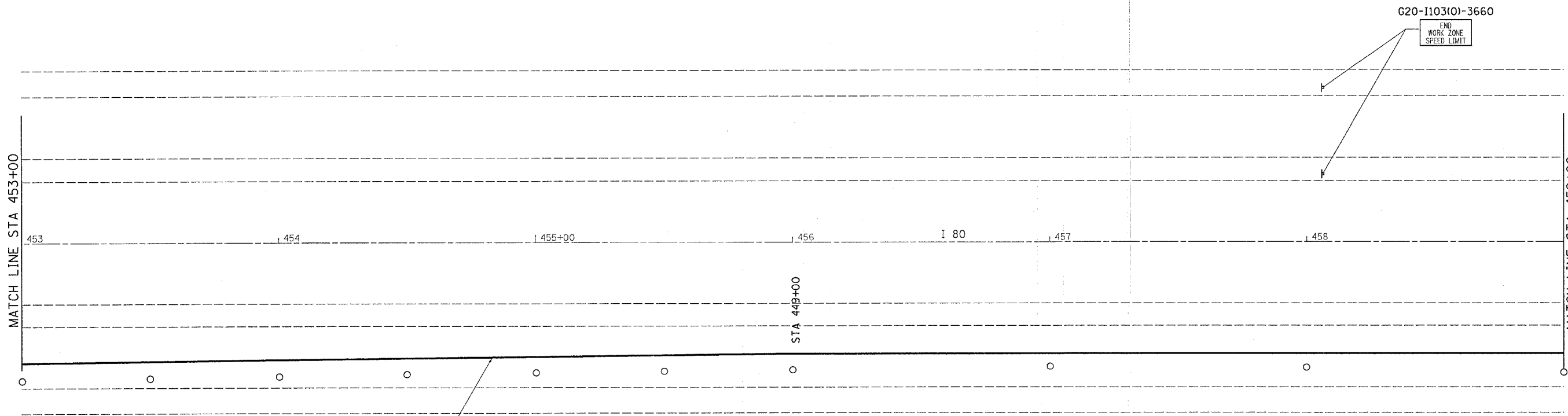


Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

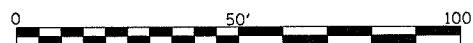
1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



PAVEMENT MARKING TAPE,
TYPE III SOLID WHITE 4"
STA 446+00 - STA 463+00

STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- STA 456+00 - 461+00 TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- STA 446+00 - STA 456+00 DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

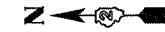
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = Fri Sep 01 10:16:33 2006
FILE NAME = c:\projects\p213100\ad13100s\p213100s.dgn
PLOT SCALE = 28.0000 / IN.
USER NAME = penderj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	41
STA. 459+00.000		TO STA. 465+00.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

I-80 STAGE II

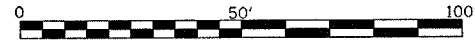
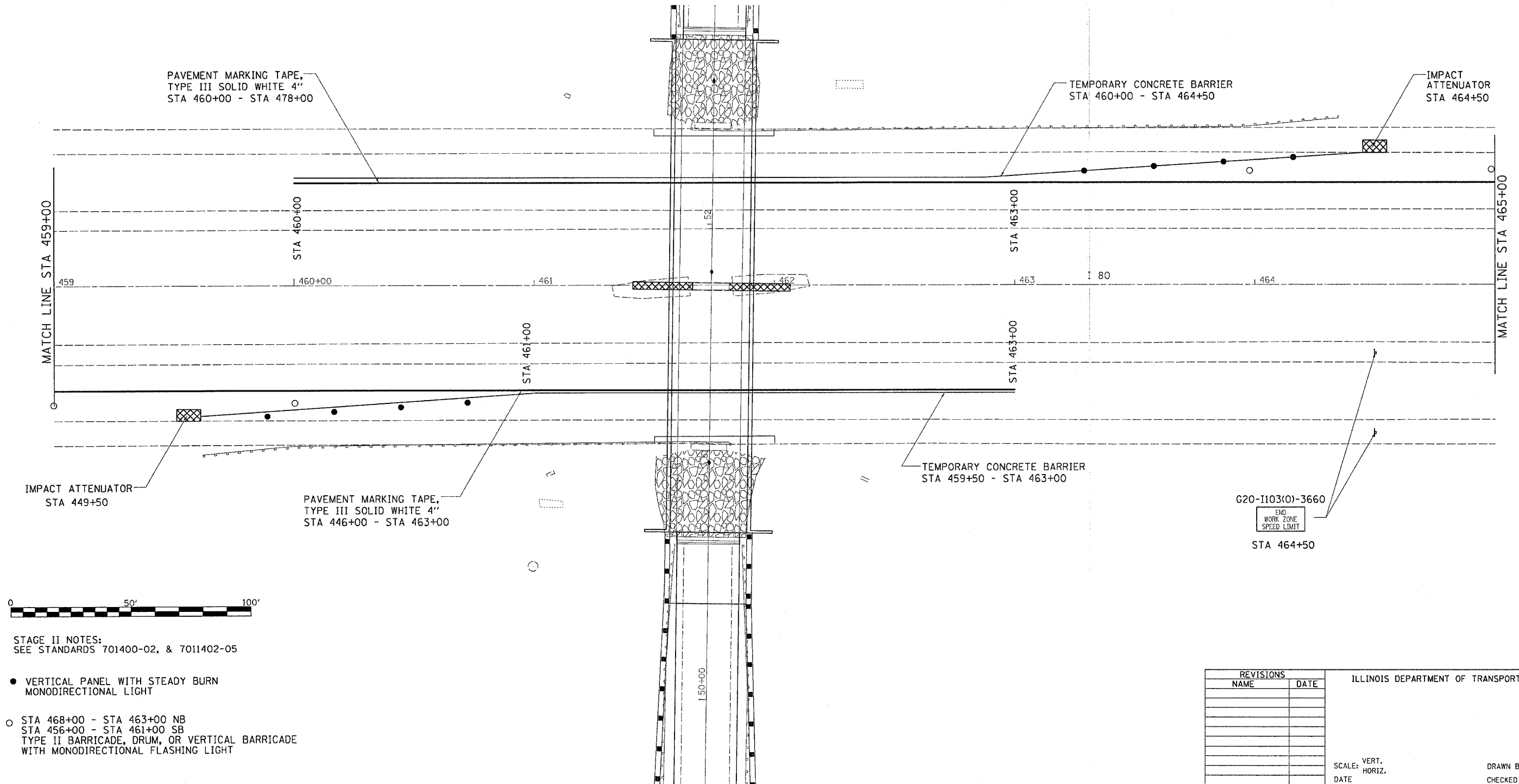


Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- VERTICAL PANEL WITH STEADY BURN MONODIRECTIONAL LIGHT
- STA 468+00 - STA 463+00 NB
STA 456+00 - STA 461+00 SB
TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

G20-I103(0)-3660
END WORK ZONE SPEED LIMIT
STA 464+50

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

SCALE: VERT. DATE
HORIZ. DRAWN BY
CHECKED BY

PLOT DATE = Fri, Sep 01, 08:45:33, 2006
 FILE NAME = c:\p\projects\213180\213180.dgn
 PLOT SCALE = 28.80000 / IN.
 USER NAME = rnk\kaij

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	42
STA. 465+00.000		TO STA. 471+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

I-80 STAGE II

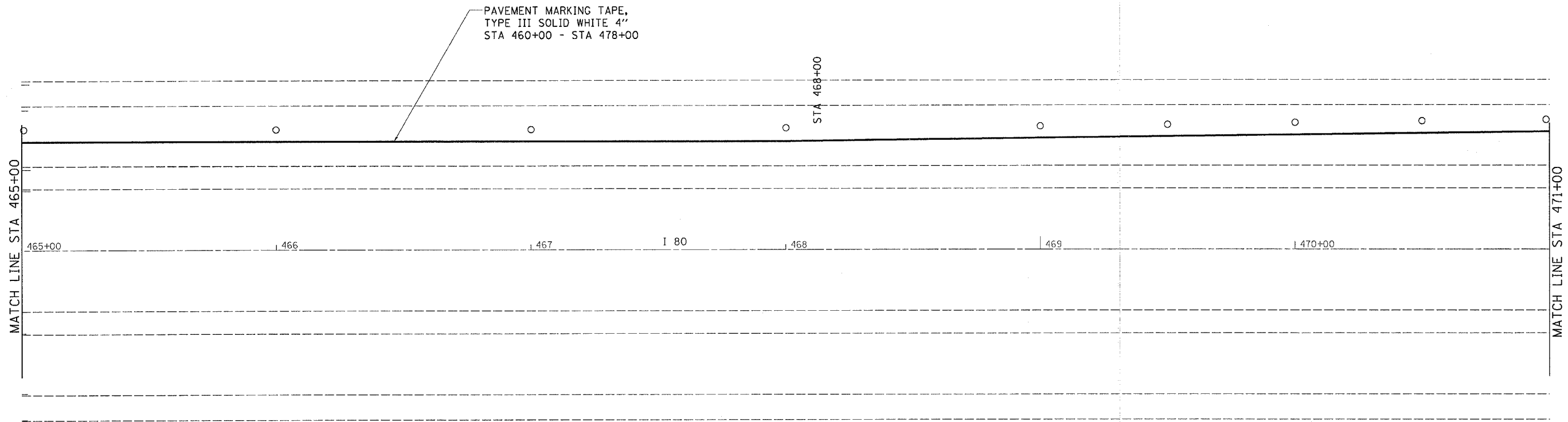


Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



PLOT DATE = Fri Sep 01 10:16:34 2006
 FILE NAME = c:\p\projects\213106\ad\3106.dwg
 PLOT SCALE = 28.0000 / IN
 USER NAME = peterslj

STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- STA 468+00 - STA 463+00 TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- STA 478+00 - STA 468+00 DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE HORIZ.
DRAWN BY		CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	43
STA. 471+00.000		TO STA. 477+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I-80 STAGE II

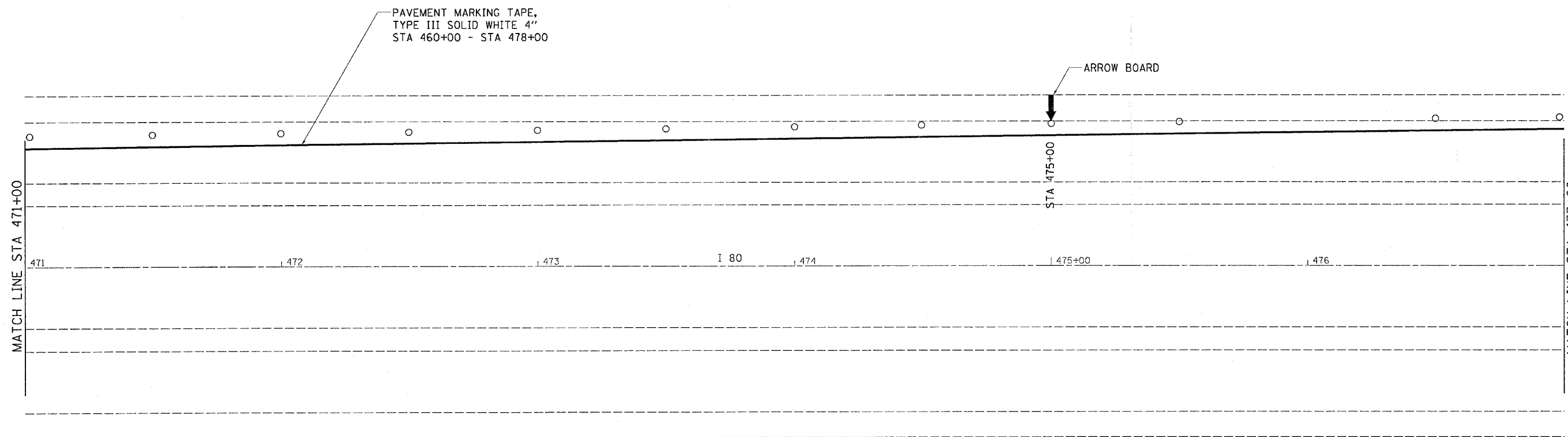


Stage II

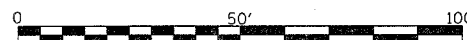
1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.



PLOT DATE = Fri, Sep 01 10:16:34 2006
 FILE NAME = c:\p\projects\2006\23100\23100.dwg
 PLOT SCALE = 28.0000 / IN.
 USER NAME = petersj



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- STA 478+00 - STA 468+00 DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

REVISIONS	
NAME	DATE

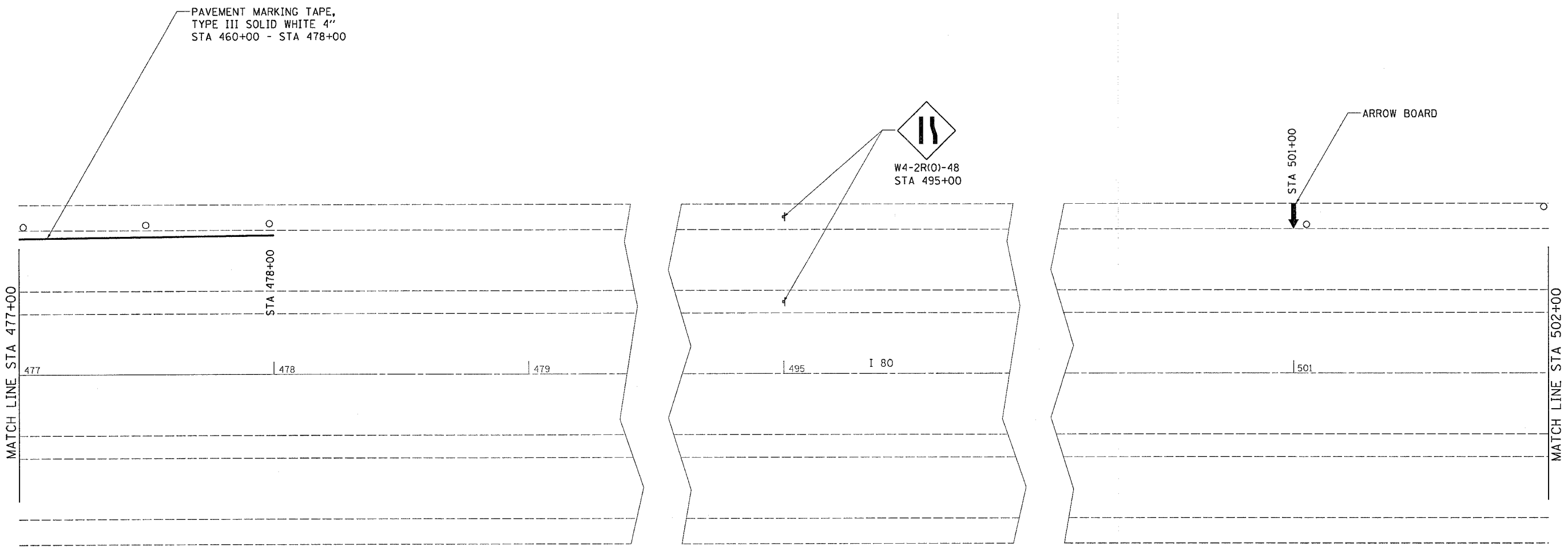
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	44
STA. 477+00.000		TO STA. 502+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I-80 STAGE II



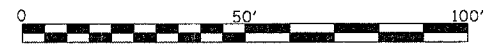
Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.

PLOT DATE = Fri Sep 01 10:16:34 2006
 PLOT SCALE = 20.0000' / IN.
 USER NAME = rhenessj



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

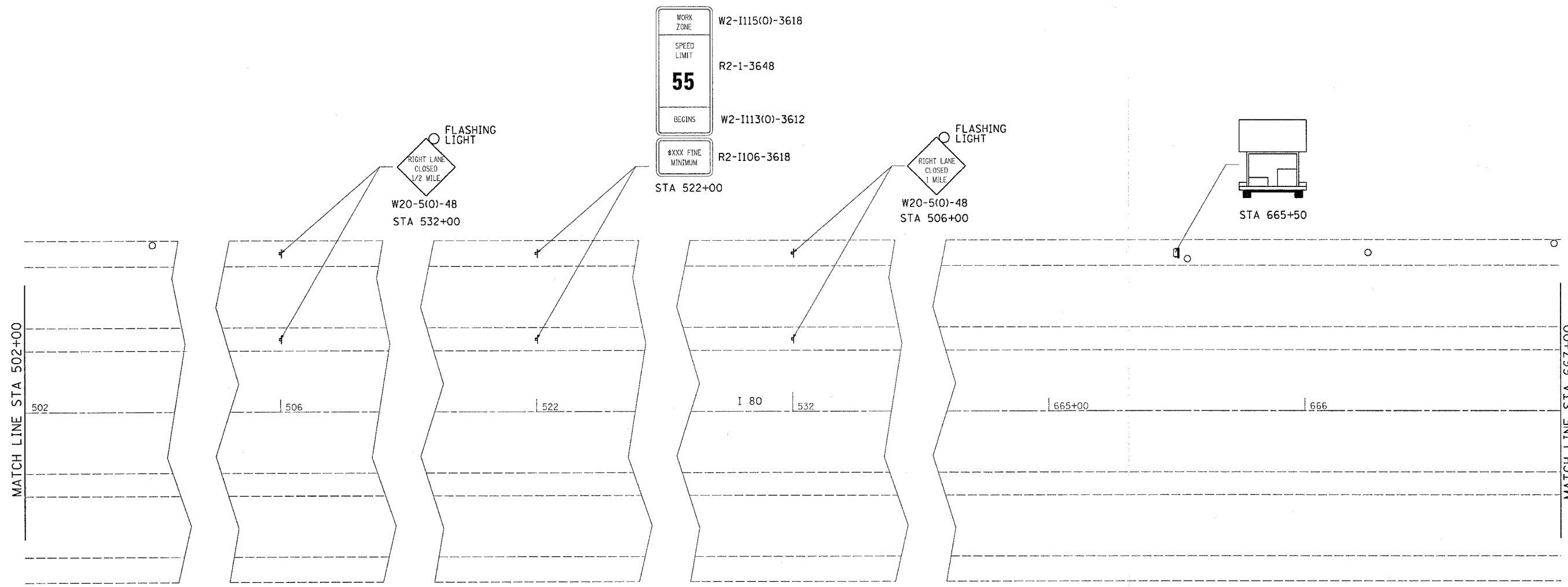
SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	45
STA. 502+00.000		TO STA. 667+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I-80 STAGE II



Stage II

- Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
- Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

- Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
- All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
- All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.

STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

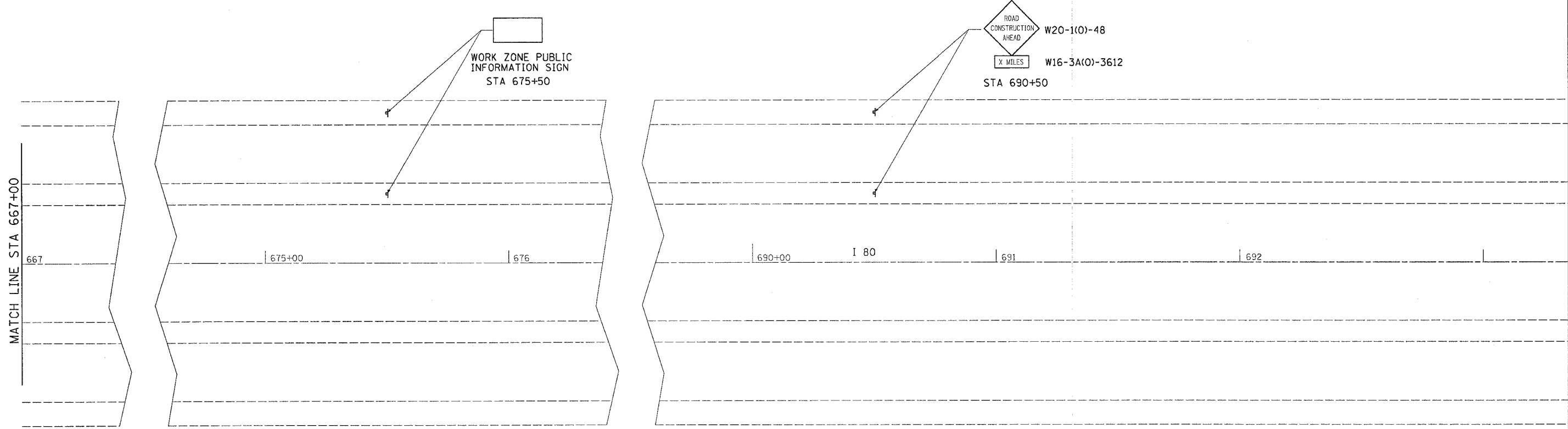


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE: HORIZ. DRAWN BY CHECKED BY

PLOT DATE = Fri, Sep 01, 10:16:53 AM, 2006
 FILE NAME = c:\p\projects\62131800\62131800.dgn
 PLOT SCALE = 20,000000 / IN.
 USER NAME = ramkealj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	46
STA. 667+00.000		TO STA. 693+00.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

I-80 STAGE II



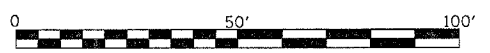
Stage II

1. Relocate temporary concrete barrier wall and temporary impact attenuators as shown on the plans, per manufacturer specifications, Special Provisions, and Standard Specifications using Traffic Control and Protection Standard 701400 & 701406.
2. Outside bridge pier removal, slope wall removal & replacement, culvert removal and replacement, shoulder repair, and guardrail removal operations on I-80 shall be completed using Traffic Control and Protection Standard 701400 & 701402, Special Provisions, Standard Specifications, and as shown on the project plans.

Stage III

1. Install bridge beams using Traffic Control and Protection (Special), Special Provisions, and Standard Specifications.
2. All shaping & grading of ditches, seeding, and mulch work shall be conducted using Traffic Control and Protection Standard 701101, Special Provisions, Standard Specifications, and as shown on the project plans.
3. All pavement marking operations (placement, removal, replacement) on I-80 shall be completed using Traffic Control and Protection Standard 701401 OR 701406, Special Provisions, Standard Specifications, and as shown on the project plans.

PLOT DATE = Fri Sep 01 10:06:04 2006
 FILE NAME = c:\pcc\msta\2213180\st1102-05.dgn
 PLOT SCALE = 28.00000' / 1" IN.
 USER NAME = rektaslj



STAGE II NOTES:
SEE STANDARDS 701400-02, & 7011402-05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE: VERT.	DRAWN BY
DATE	CHECKED BY

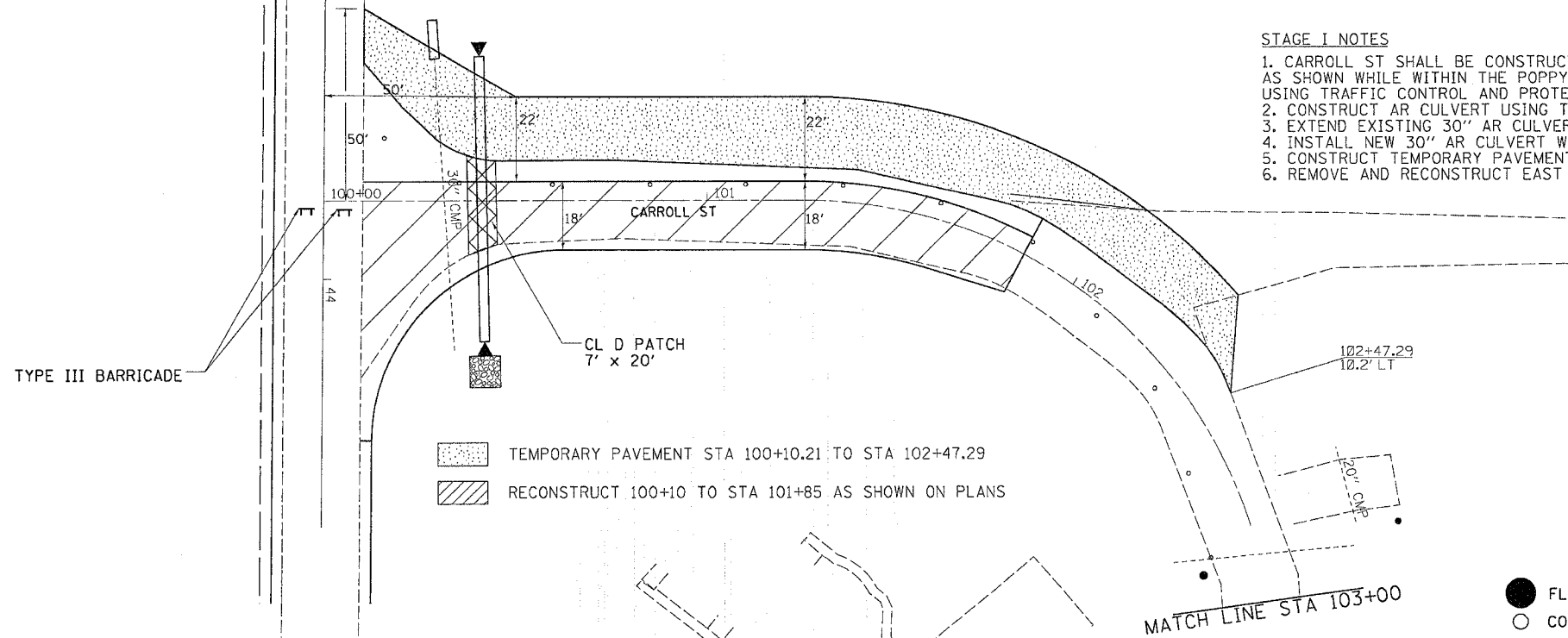
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-UHR-1	HENRY	133	47
STA. 100+00.000		TO STA. 103+00.000		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CARROLL ST. STAGE I



STAGE I NOTES

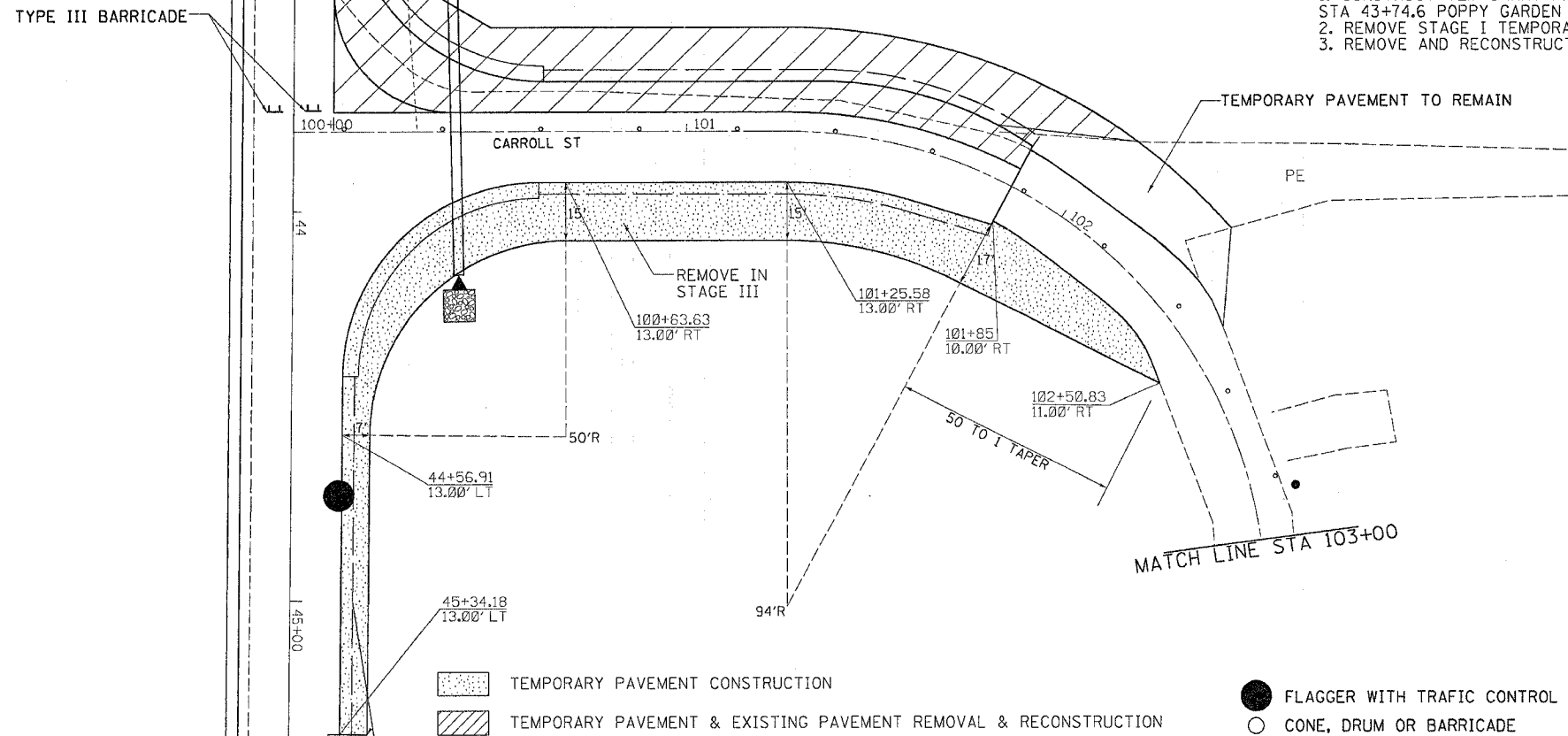
1. CARROLL ST SHALL BE CONSTRUCTED UNDER STAGED CONSTRUCTION AS SHOWN WHILE WITHIN THE POPPY GARDEN RDS, ROAD CLOSURE USING TRAFFIC CONTROL AND PROTECTION STANDARDS 701201 & 701306
2. CONSTRUCT AR CULVERT USING TRAFFIC CONTROL & PROTECTION STANDARD 701306
3. EXTEND EXISTING 30" AR CULVERT AS SHOWN IN THE PLANS
4. INSTALL NEW 30" AR CULVERT WITH 7' x 20' CL D PATCH STA 100+41.81
5. CONSTRUCT TEMPORARY PAVEMENT (WEST SIDE OF CARROLL ST)
6. REMOVE AND RECONSTRUCT EAST SIDE OF CARROLL ST



CARROLL ST. STAGE II

STAGE II NOTES

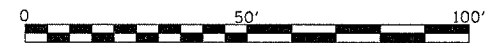
1. CONSTRUCT TEMPORARY PAVEMENT ON EAST SIDE OF CARROLL ST STA 43+74.6 POPPY GARDEN RD TO STA STA 100+10 CARROLL ST
2. REMOVE STAGE I TEMPORARY PAVEMENT ON CARROLL ST
3. REMOVE AND RECONSTRUCT WEST SIDE OF CARROLL ST



STAGE III

REMOVE TEMPORARY PAVEMENT ON EAST SIDE OF CARROLL STREET, REGRADE FORESLOPE, DITCH BOTTOM, AND BACKSLOPE. RESEED AS REQUIRED IN PROJECT DOCUMENTS.

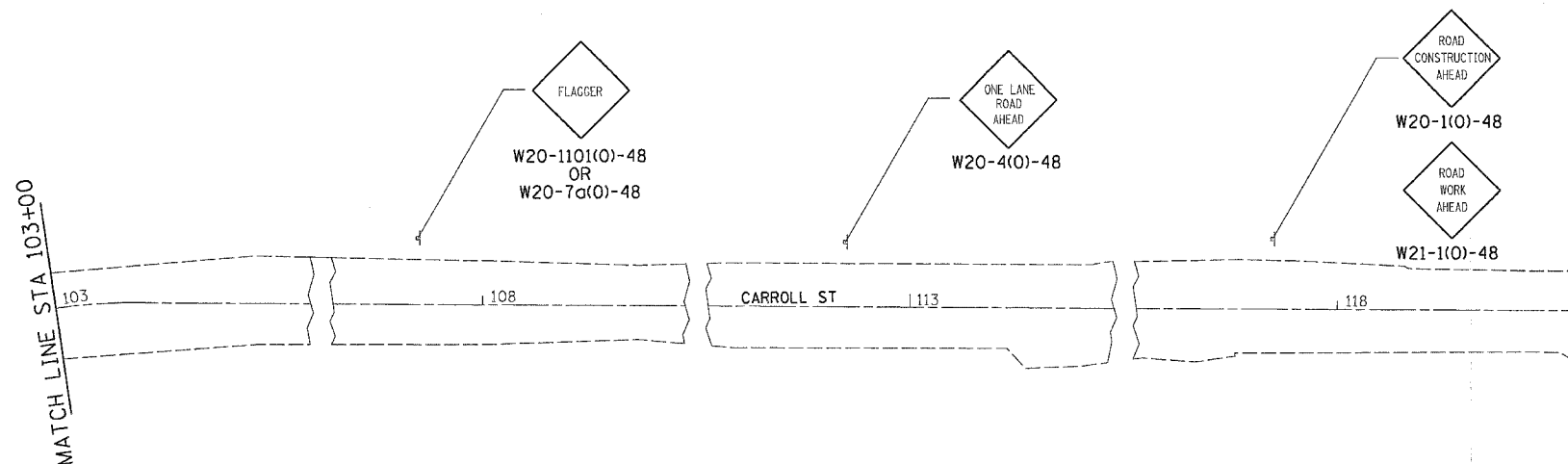
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE



PLOT DATE = Mon Oct 02 09:45:47 2006
 FILE NAME = P:\2006\2006-03\100.dwg
 PLOT SCALE = 20.0000 / IN.
 USER NAME = reneka.j

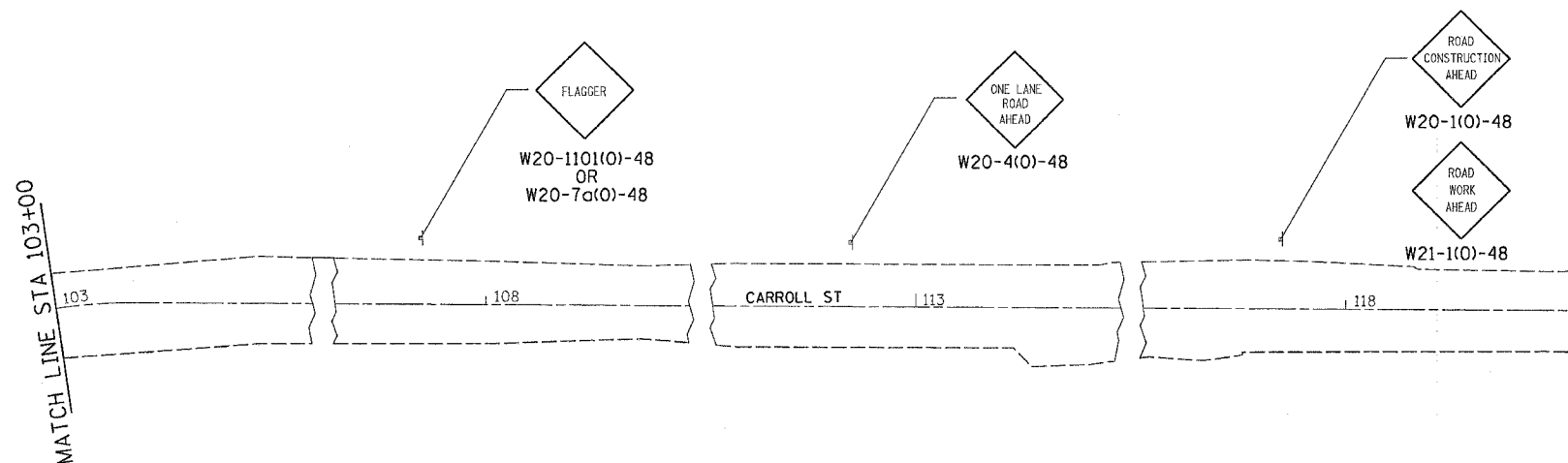
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	48
STA. 103+00.000		TO STA. 118+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CARROLL ST. STAGE I

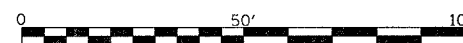


- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE

CARROLL ST. STAGE II



- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM OR BARRICADE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

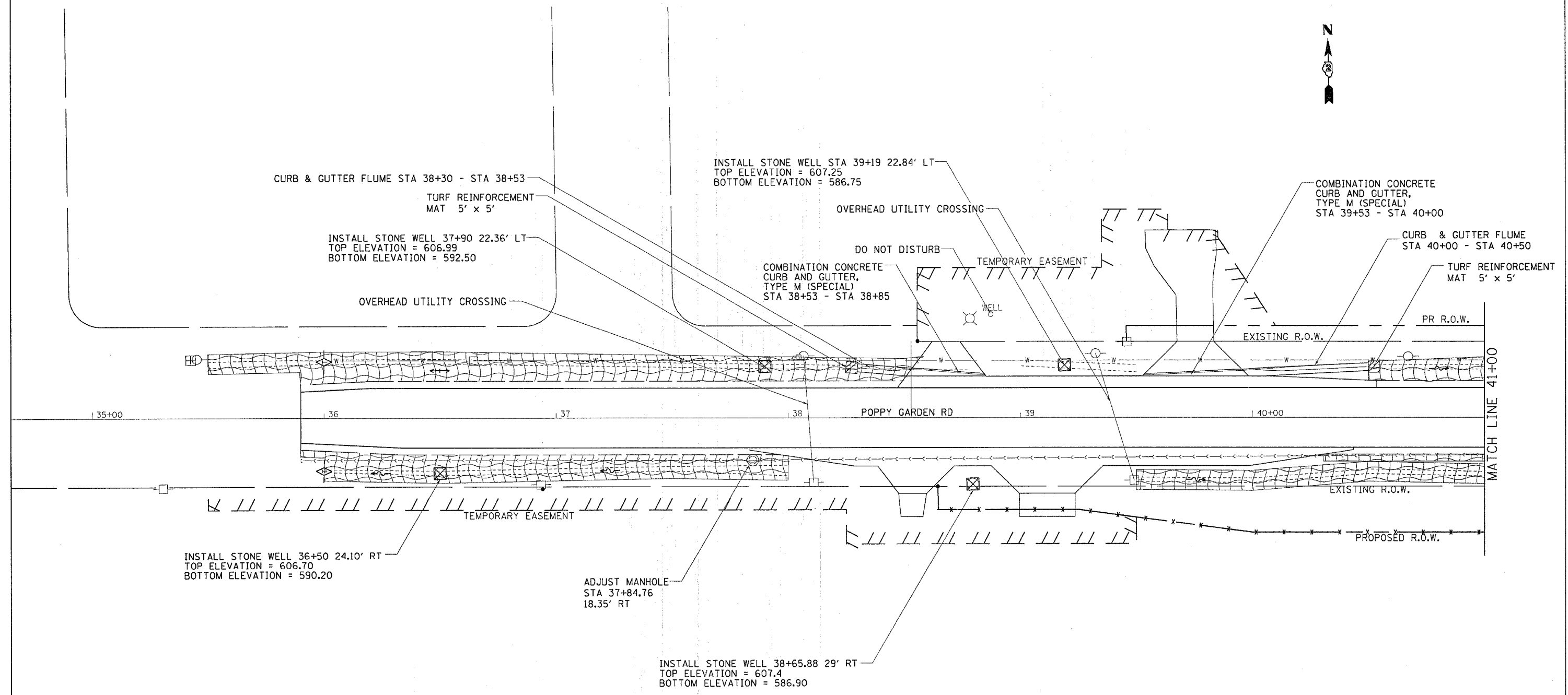
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

CARROLL STREET STAGE I & II TRAFFIC CONTROL & PROTECTION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..BO..	..37-14RR-1..	..HENRY..	..133..	..49..
STA. 35+00.000		TO STA. 41+00.000		
FED. ROAD DIST. NO. .		ILLINOIS FED. AID PROJECT		

UTILITY, DRAINAGE, EROSION CONTROL DETAILS



INSTALL STONE WELL 36+50 24.10' RT
TOP ELEVATION = 606.70
BOTTOM ELEVATION = 590.20

CURB & CUTTER FLUME STA 38+30 - STA 38+53
TURF REINFORCEMENT MAT 5' x 5'

INSTALL STONE WELL 37+90 22.36' LT
TOP ELEVATION = 606.99
BOTTOM ELEVATION = 592.50

INSTALL STONE WELL STA 39+19 22.84' LT
TOP ELEVATION = 607.25
BOTTOM ELEVATION = 586.75

COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) STA 38+53 - STA 38+85

COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) STA 39+53 - STA 40+00

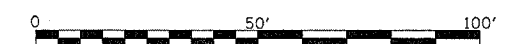
CURB & CUTTER FLUME STA 40+00 - STA 40+50

ADJUST MANHOLE STA 37+84.76 18.35' RT

INSTALL STONE WELL 38+65.88 29' RT
TOP ELEVATION = 607.4
BOTTOM ELEVATION = 586.90

LEGEND

- INLET PROTECTION STD 280001
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- STONE RIPRAP W/ FILTER FABRIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

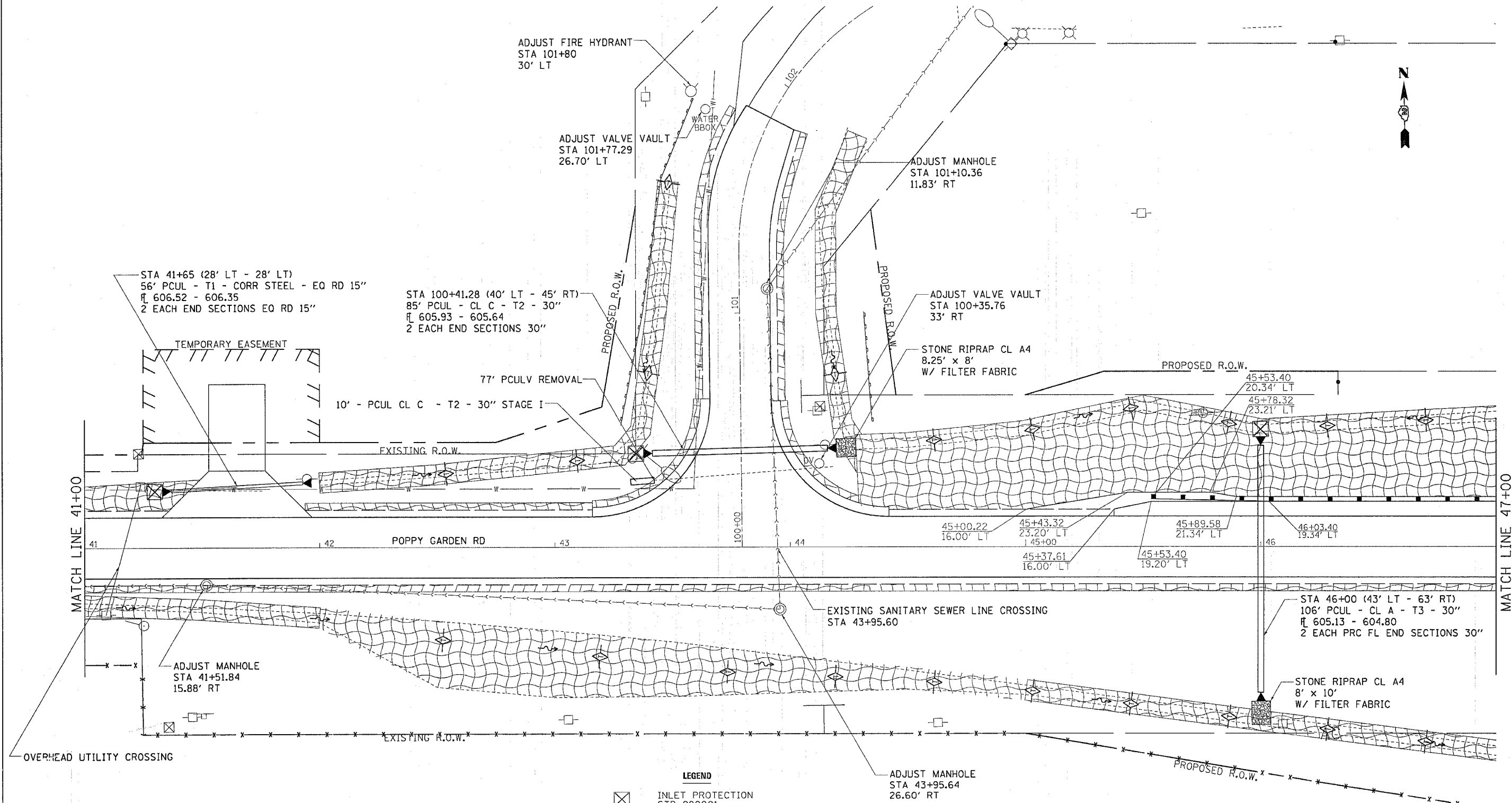
DATE _____

DRAWN BY _____
CHECKED BY _____

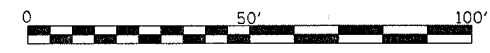
PLOT DATE = Mon, Oct 02 09:45:56 2006
 FILE NAME = C:\213100\213100.dgn
 PLOT SCALE = 20.0000 / IN.
 USER NAME = mckeej

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-11BR-1		HENRY	133	50
STA. 41+00.000		TO STA. 47+00.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

UTILITY, DRAINAGE, EROSION CONTROL DETAILS



- LEGEND**
- INLET PROTECTION STD 280001
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - EROSION CONTROL BLANKET
 - STONE RIPRAP W/ FILTER FABRIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____

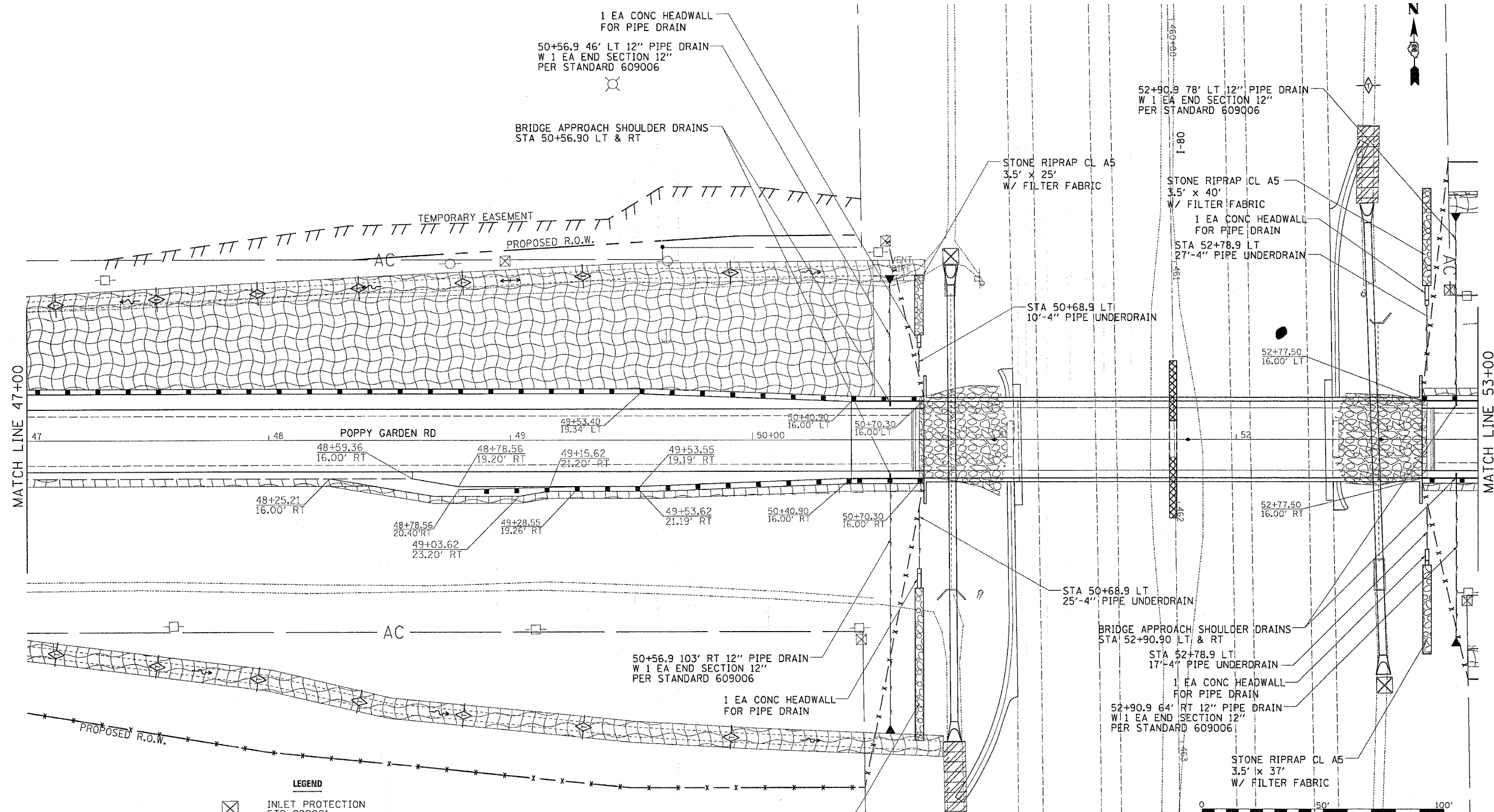
DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Mon, Oct 02, 06:44:10, 2006
 PLOT NAME = 20A0002 / IN.
 PLOT SCALE = 20A0002 / IN.
 USER NAME = reneka.j

UTILITY, DRAINAGE, EROSION CONTROL DETAILS

CONTRACT NO. 64602	
F.A.I. RTE.	SECTION COUNTY TOTAL SHEET NO.
-80-	37-HBR-J HENRY 133 51
STA. 47+00.000 TO STA. 53+00.000	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



- LEGEND**
- INLET PROTECTION STD 280001
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - EROSION CONTROL BLANKET
 - STONE RIPRAP W/ FILTER FABRIC

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

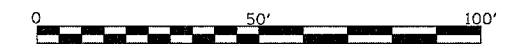
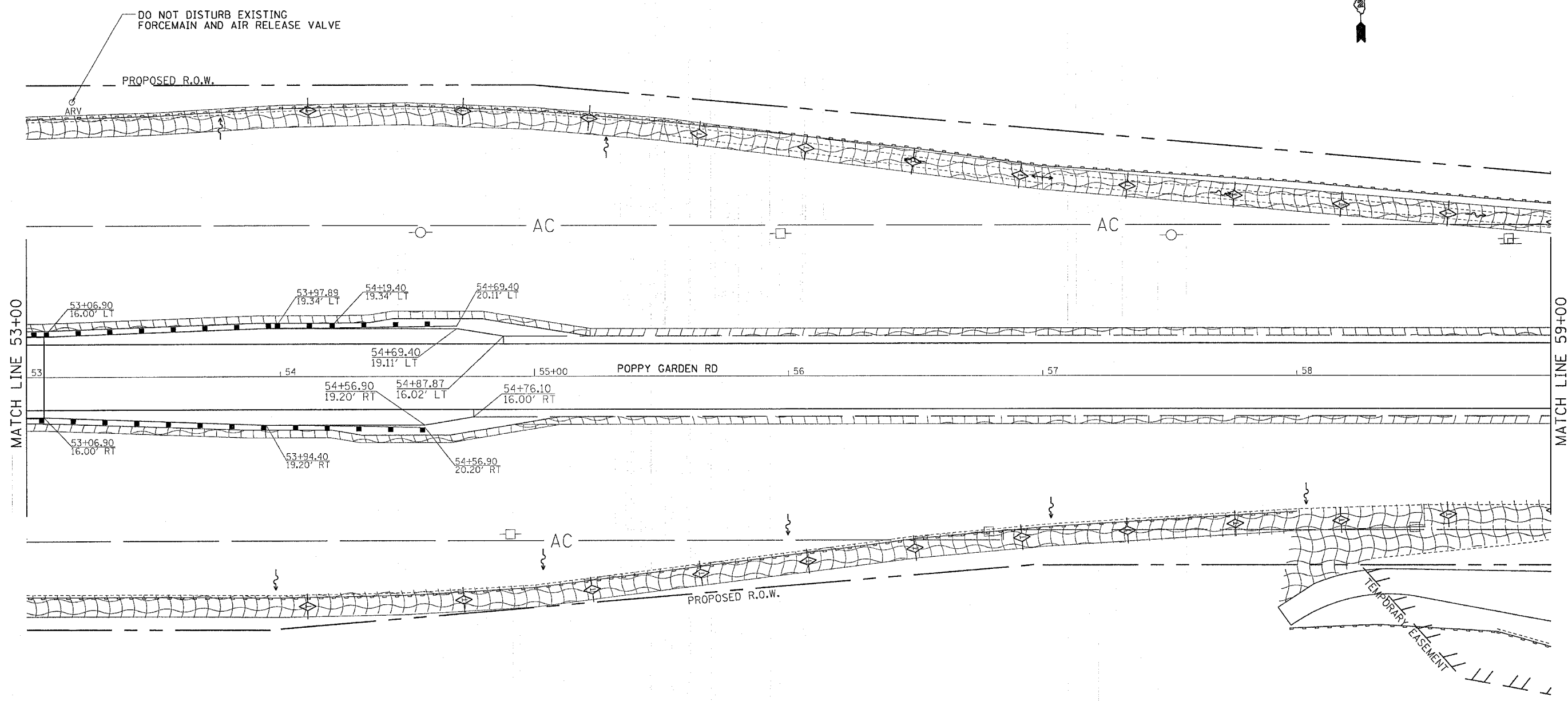
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = Mon Oct 02 09:44:41 2006
PLOT SCALE = 28.0000
USER NAME = reneal

UTILITY, DRAINAGE, EROSION CONTROL DETAILS

CONTRACT NO. 64602			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
80	37-14BR-1	HENRY	133
STA. 53+00.000		TO STA. 59+00.000	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____

DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE: Mon, Oct 02, 2006, 08:45:08 AM
 FILE NAME: c:\p02\23108\23108.dgn
 PLOT SCALE: 20,00000 / 1" = 100'-0"
 USER NAME: reneka.j

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-14BR-1		HENRY	133	53
STA. 59+00.000		TO STA. 65+00.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

UTILITY, DRAINAGE, EROSION CONTROL DETAILS



STA 60+03 (55.43' LT - 51.53' RT)
62' PCUL - CL D - T2 - 15"
E 604.78 - 604.28
2 EACH END SECTIONS 15"

CONCRETE HEADWALL REMOVAL

STA 60+58.59 (37' LT - 44' RT)
82' PCUL - CL A - T2 - 30"
E 604.08 - 601.75
2 EACH PRC FL END SECTIONS 30"

DO NOT DISTURB EXISTING
AIR RELEASE VALVE
& FORCEMAIN

PROPOSED R.O.W.

EXISTING R.O.W.

MATCH LINE 59+00

POPPY GARDEN RD

EXISTING R.O.W.

3.58° SKEW

PROPOSED R.O.W.

STA 63+00 (20' LT - 20' RT)
56' PCUL - CL D - T2 - 15"
E 606.06 - 607.18
2 EACH END SECTIONS 15"

LEGEND



INLET PROTECTION
STD 280001



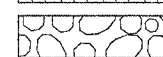
TEMPORARY DITCH CHECK



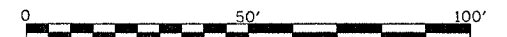
PERIMETER EROSION BARRIER



EROSION CONTROL BLANKET



STONE RIPRAP W/ FILTER FABRIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

STA 499+37.8 (40' LT - 41' RT) 3.58° SKEW
81' PCUL - CL D - T2 - 15"
E 602.46 LT - 601.89 RT
2 EACH END SECTIONS 15"

73' PCULV REMOVAL

CONCRETE HEADWALL REMOVAL

STONE RIPRAP CL A4
8' x 10'
W/ FILTER FABRIC

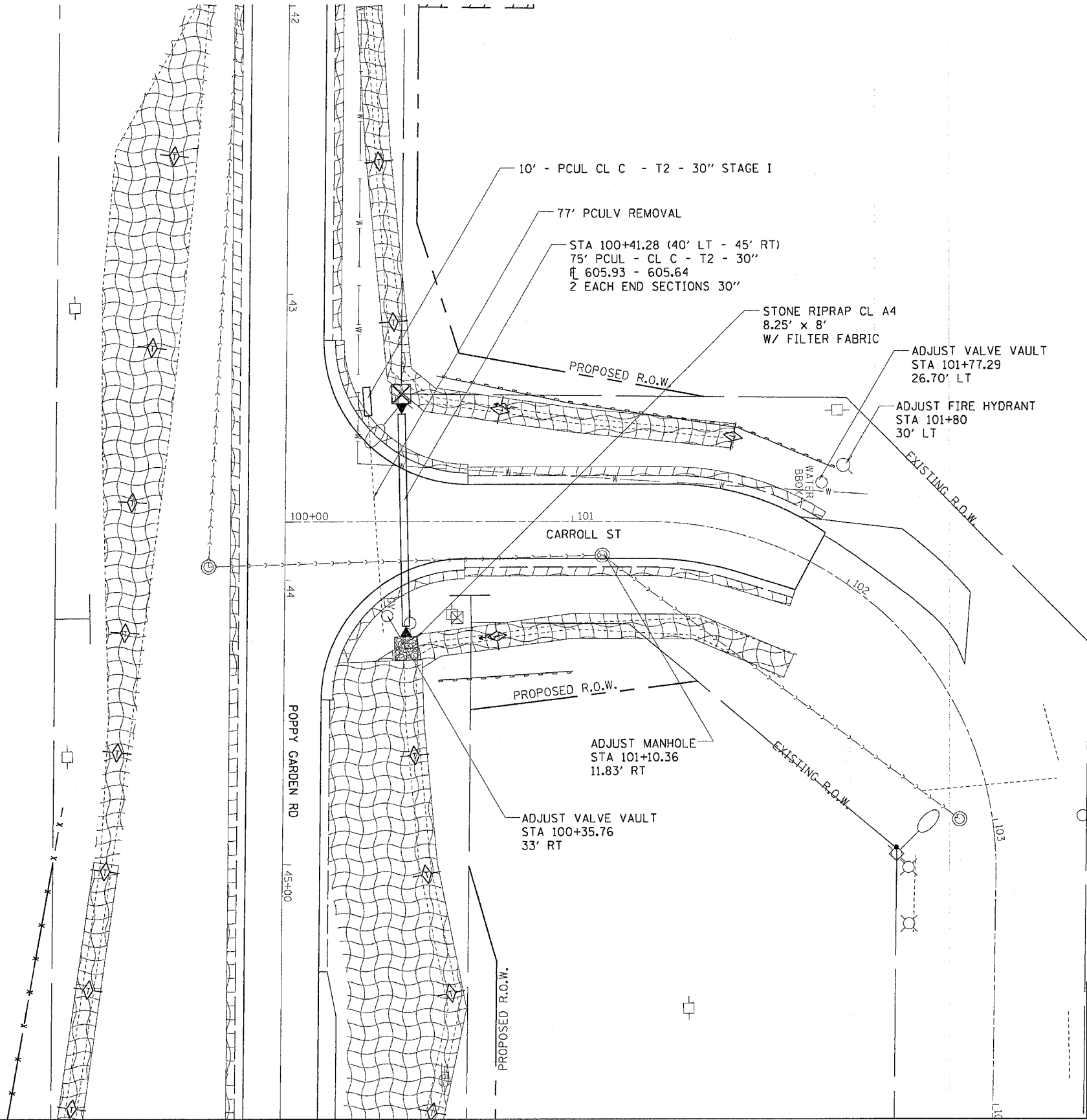
TEMPORARY EASEMENT

PLOT DATE: Mon, Oct 02 09:45:51 2006
 FILE NAME: D:\V\2006\2213100\2213100.dgn
 PLOT SCALE: 20.0000 / IN.
 USER NAME: rnkneal

UTILITY, DRAINAGE, EROSION CONTROL DETAILS

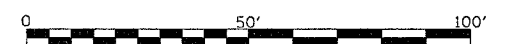
CONTRACT NO. 64602

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	54
STA. 100+00.000		TO STA. 103+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

	INLET PROTECTION STD 280001
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	STONE RIPRAP W/ FILTER FABRIC



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

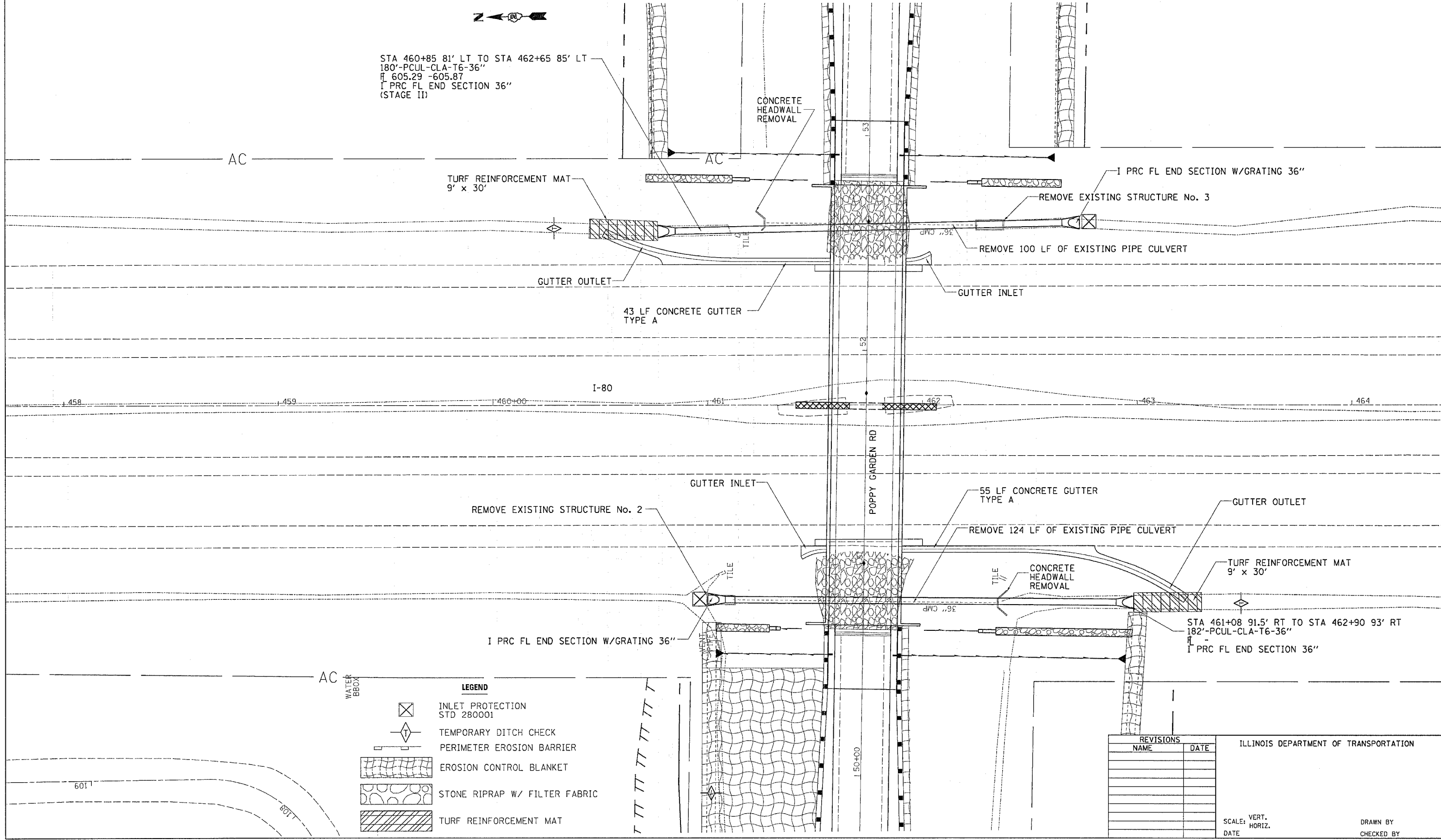
PLOT DATE = Fri Sep 01 10:44:35 2006
FILE NAME = c:\pwork\msta\203182\3182m-dgn
PLOT SCALE = 28.0000 / 1 IN.
USER NAME = reneval

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-148R-1	HENRY	133	55
STA. 458±00.000		TO STA. 464±00.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

UTILITY, DRAINAGE, EROSION CONTROL DETAILS



STA 460+85 81' LT TO STA 462+65 85' LT
 180'-PCUL-CLA-T6-36"
 H 605.29 -605.87
 I PRC FL END SECTION 36"
 (STAGE II)



- LEGEND**
- INLET PROTECTION STD 280001
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - EROSION CONTROL BLANKET
 - STONE RIPRAP W/ FILTER FABRIC
 - TURF REINFORCEMENT MAT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____

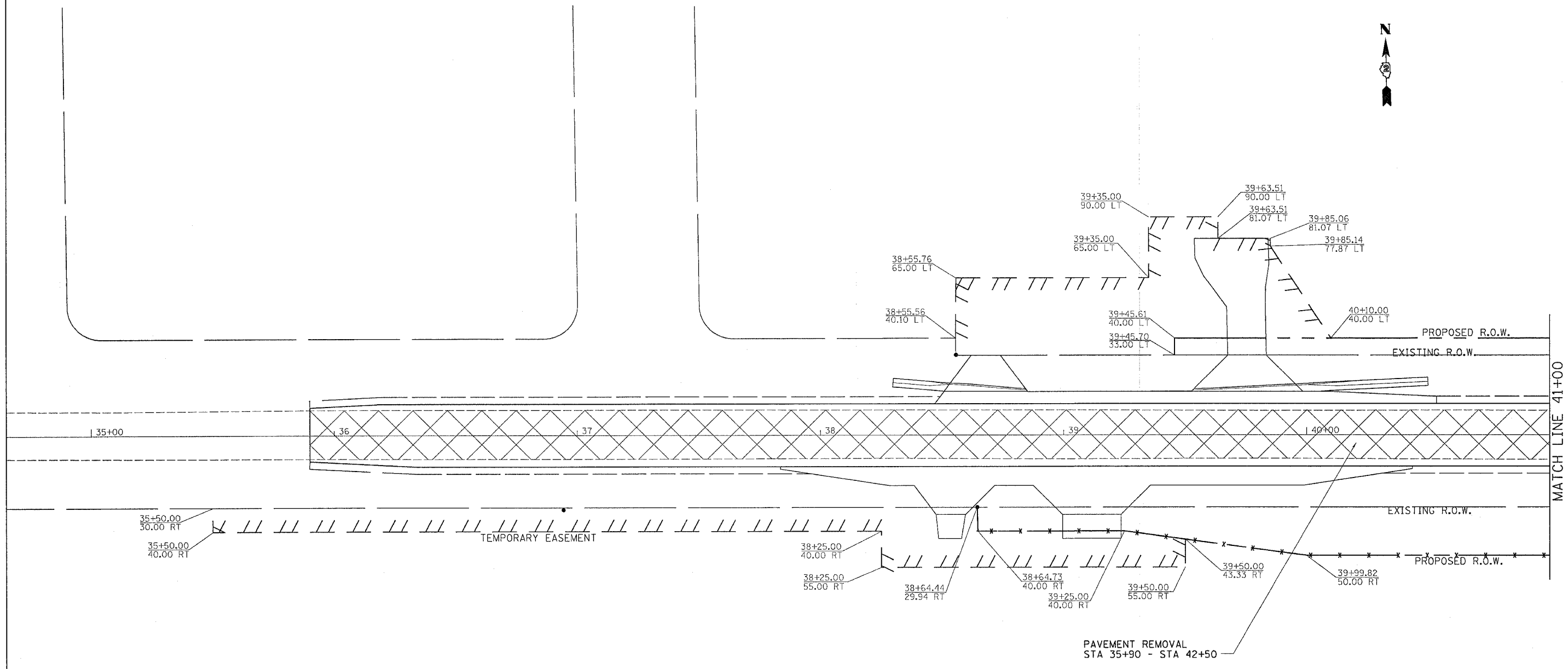
DATE _____

DRAWN BY _____
 CHECKED BY _____

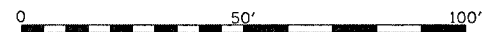
PLT DATE = Mon Oct 02 09:45:47 2006
 FILE NAME = c:\pwork\64602\213100\413100m-dgn
 USER NAME = jrb
 PLOT DATE = 10/02/06 09:45:47

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	56
STA. 35+00.0000		TO STA. 41+00.0000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

R.O.W. & EASEMENT DETAILS, PAVEMENT REMOVAL



- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. / HORIZ.

DATE

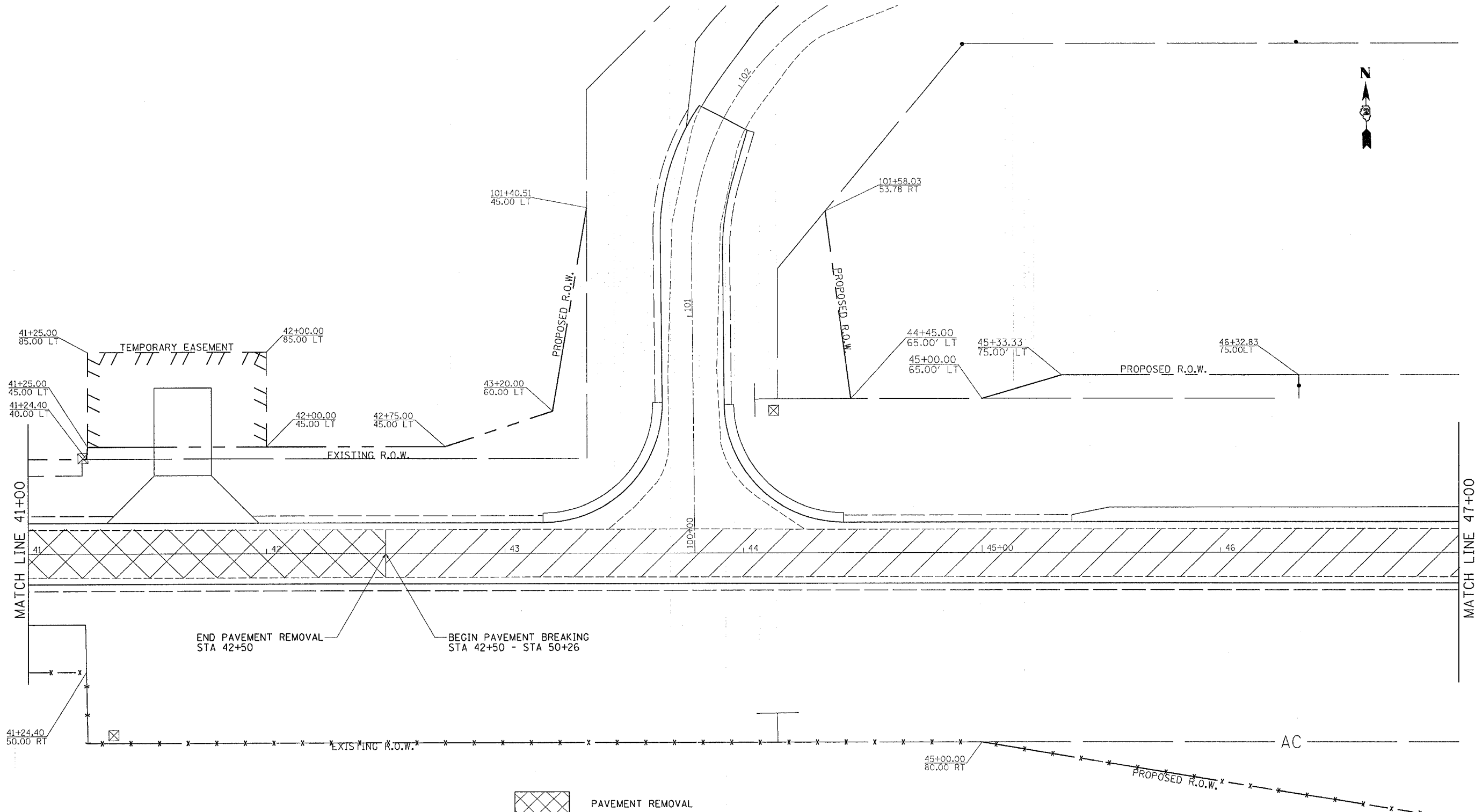
DRAWN BY

CHECKED BY


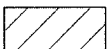

PLOT DATE = Fri, Sep 01 10:55:28 2006
 FILE NAME = e:\p\o\mets\p213186\p213186-vea.dgn
 PLOT SCALE = 20.0000' / IN.
 USER NAME = renkess,j

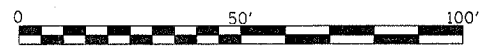
R.O.W. & EASEMENT DETAILS, PAVEMENT REMOVAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..37-IHBR-J..	..HENRY..	..133	..57..	
STA. 41+00.0000		TO STA. 47+00.0000		
FED. ROAD DIST. NO. .		ILLINOIS FED. AID PROJECT		



END PAVEMENT REMOVAL STA 42+50
 BEGIN PAVEMENT BREAKING STA 42+50 - STA 50+26

-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING
-  APPROACH SLAB REMOVAL



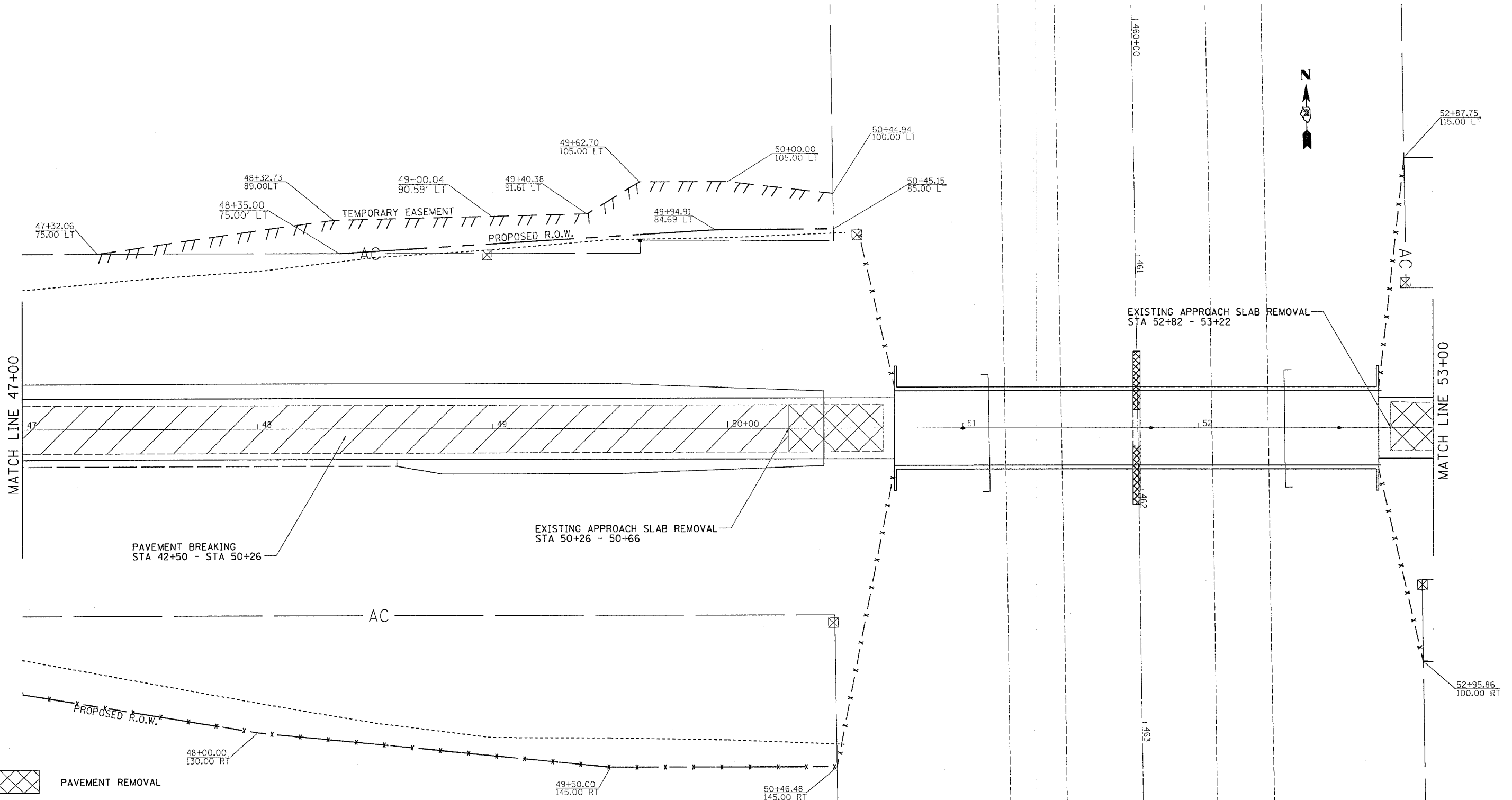
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCALE: VERT. / HORIZ.
 DATE
 DRAWN BY
 CHECKED BY

PLOT DATE = Mon Oct 02 09:45:33 2006
 PLOT NAME = 20.8000 / IN.
 PLOT SCALE = 20.8000 / IN.
 USER NAME = rekeal

R.O.W. & EASEMENT DETAILS, PAVEMENT REMOVAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	58
STA. 47+00.0000		TO STA. 53+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = Fri, Sep 01 10:15:29 2006
 FILE NAME = c:\projects\64602\13180\res.dgn
 PLOT SCALE = 28.0000' / IN.
 USER NAME = rnkennel

- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

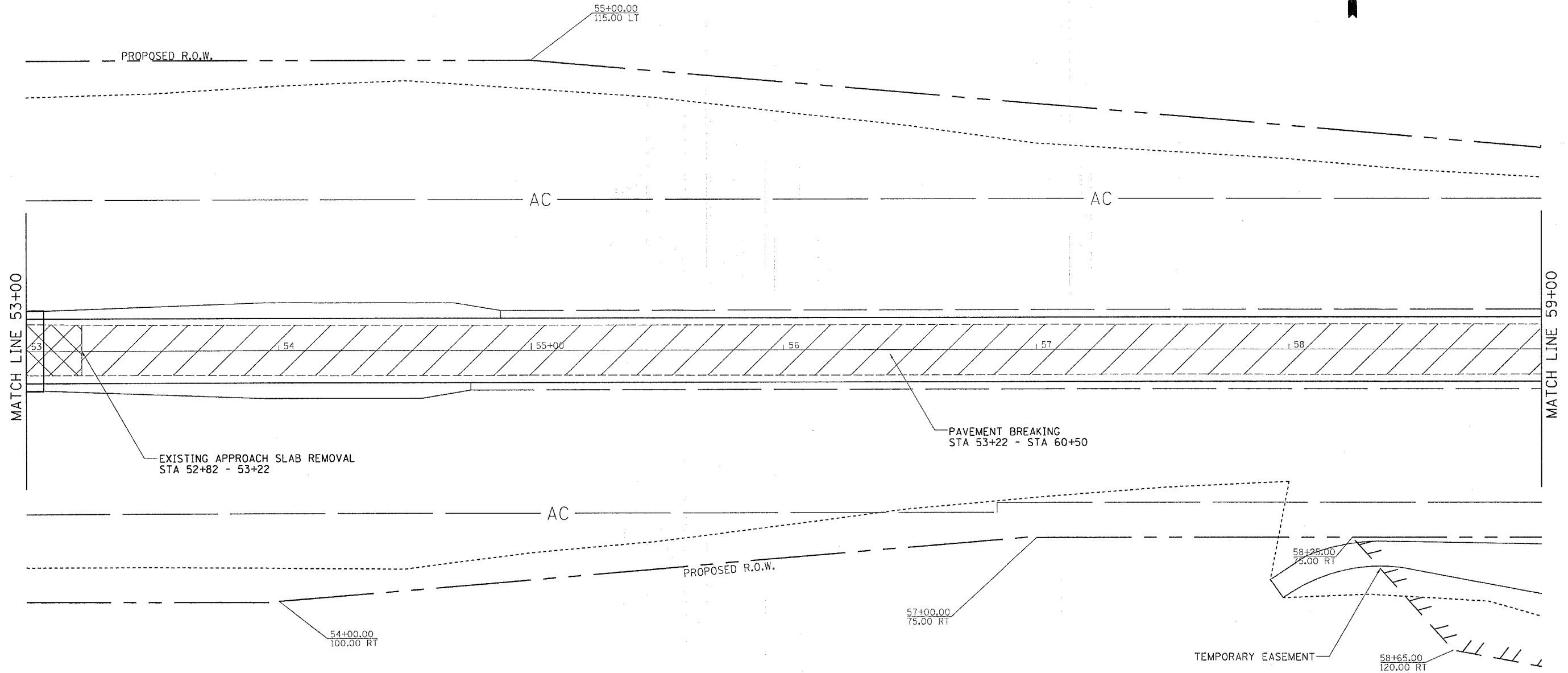
SCALE: VERT. _____
 HORIZ. _____

DATE _____




DRAWN BY _____
 CHECKED BY _____

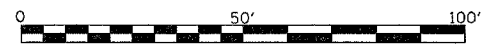
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-148R-1		HENRY	133	59
STA. 53+00.0000		TO STA. 59+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

R.O.W. & EASEMENT DETAILS, PAVEMENT REMOVAL



PLOT DATE = Mon, Oct 02 09:47:09 2006
 FILE NAME = 231380-03100-000.dgn
 PLOT SCALE = 20.0000' / IN.
 USER NAME = mchew1j

-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING
-  APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

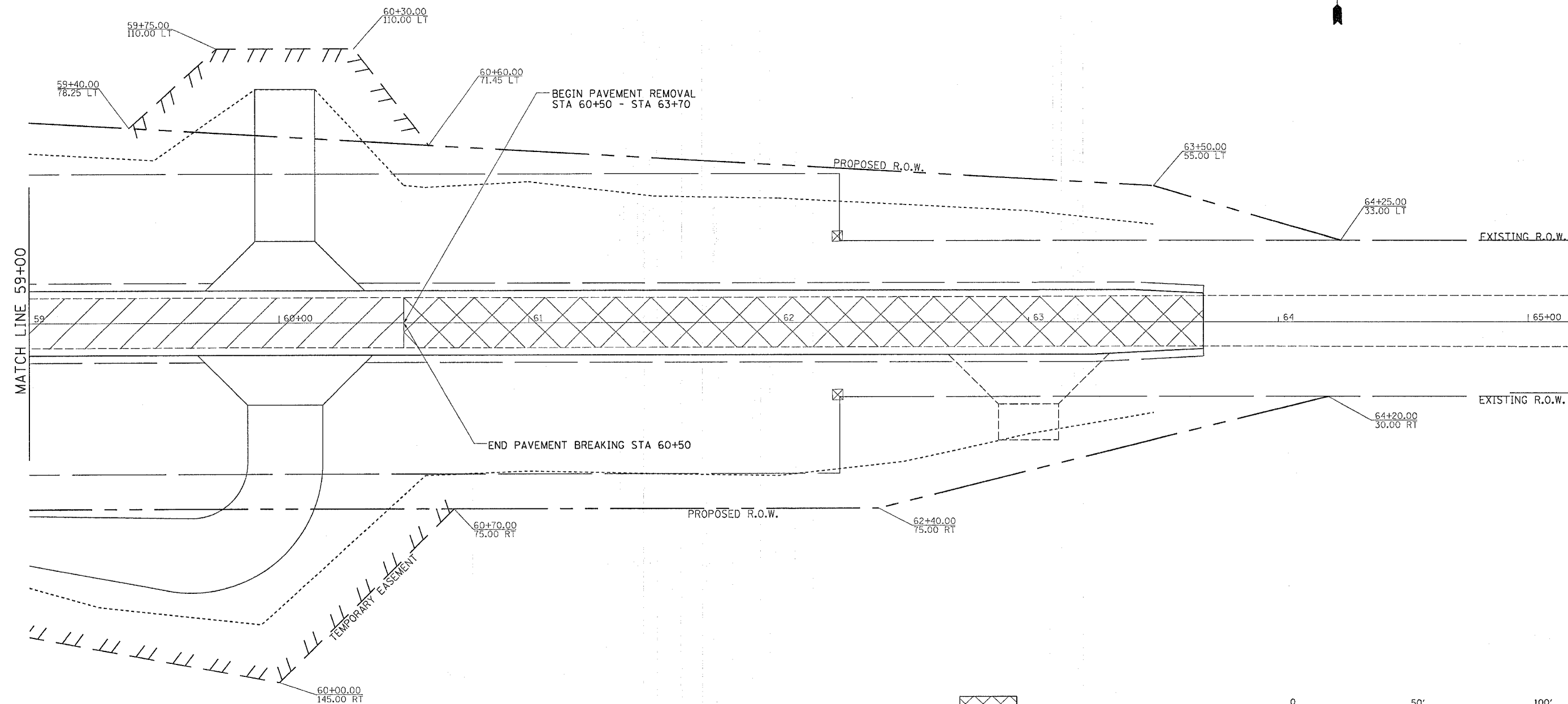
SCALE: VERT. _____
 HORIZ. _____

DATE _____


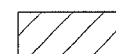

DRAWN BY _____
 CHECKED BY _____

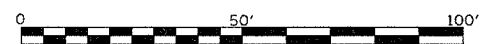
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHRR-J	HENRY	133	60
STA. 59±00.0000		TO STA. 65±00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

R.O.W. & EASEMENT DETAILS, PAVEMENT REMOVAL



PLDT DATE = Mon Oct 02 08:47:20 2006
 FILE NAME = c:\prow\prow\213108.v13108-mss.dgn
 USER = j... / JN
 USER NAME = j...

-  PAVEMENT REMOVAL
-  PAVEMENT BREAKING
-  APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

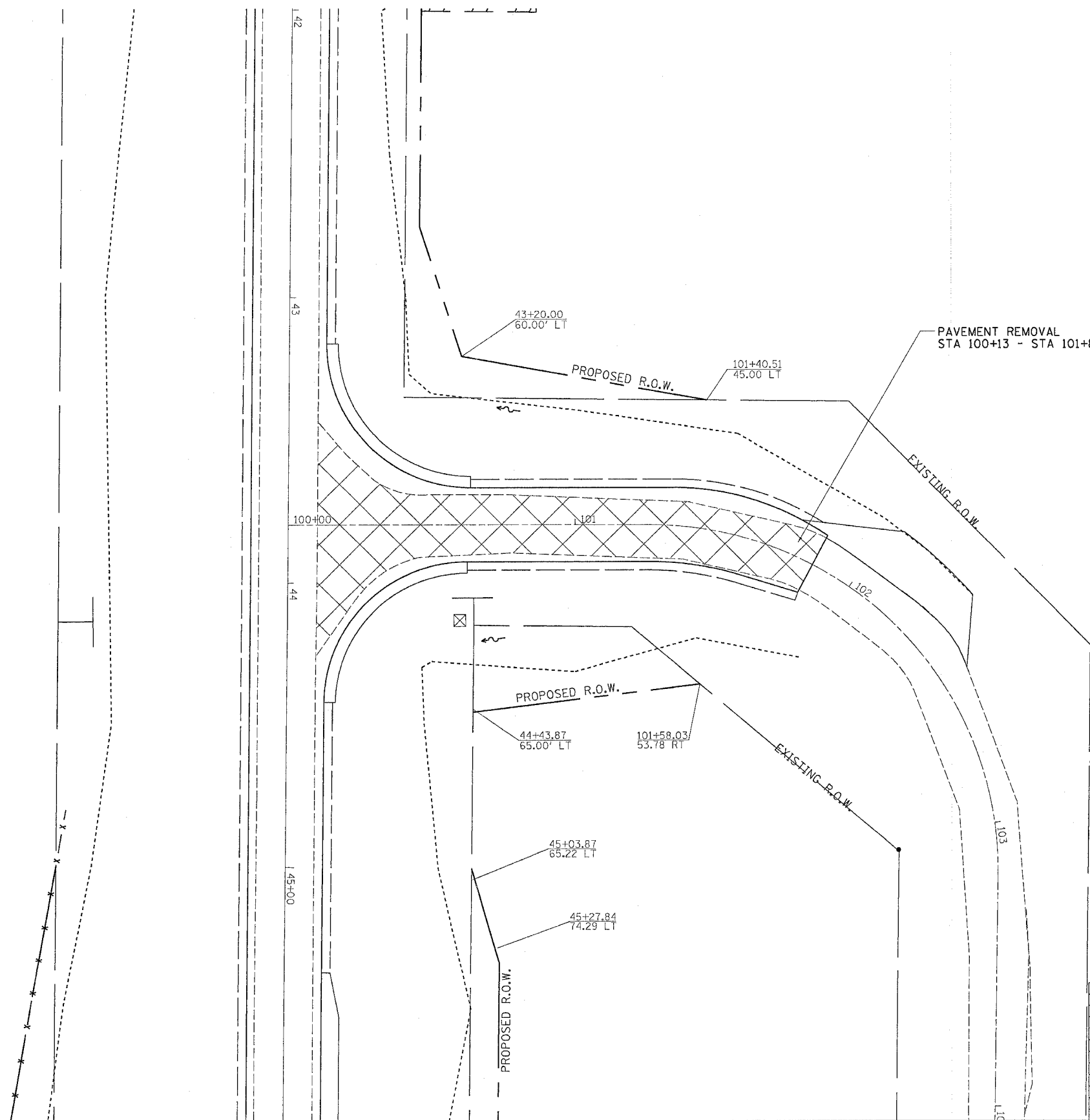
SCALE: VERT. _____
 HORIZ. _____

DATE _____

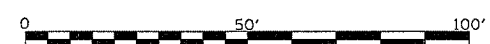
DRAWN BY _____
 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	61
STA. 100+00.000		TO STA. 103+00.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

R.O.W. & EASEMENT DETAILS, PAVEMENT REMOVAL



- PAVEMENT REMOVAL
- PAVEMENT BREAKING
- APPROACH SLAB REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____

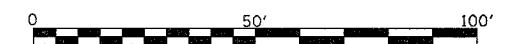
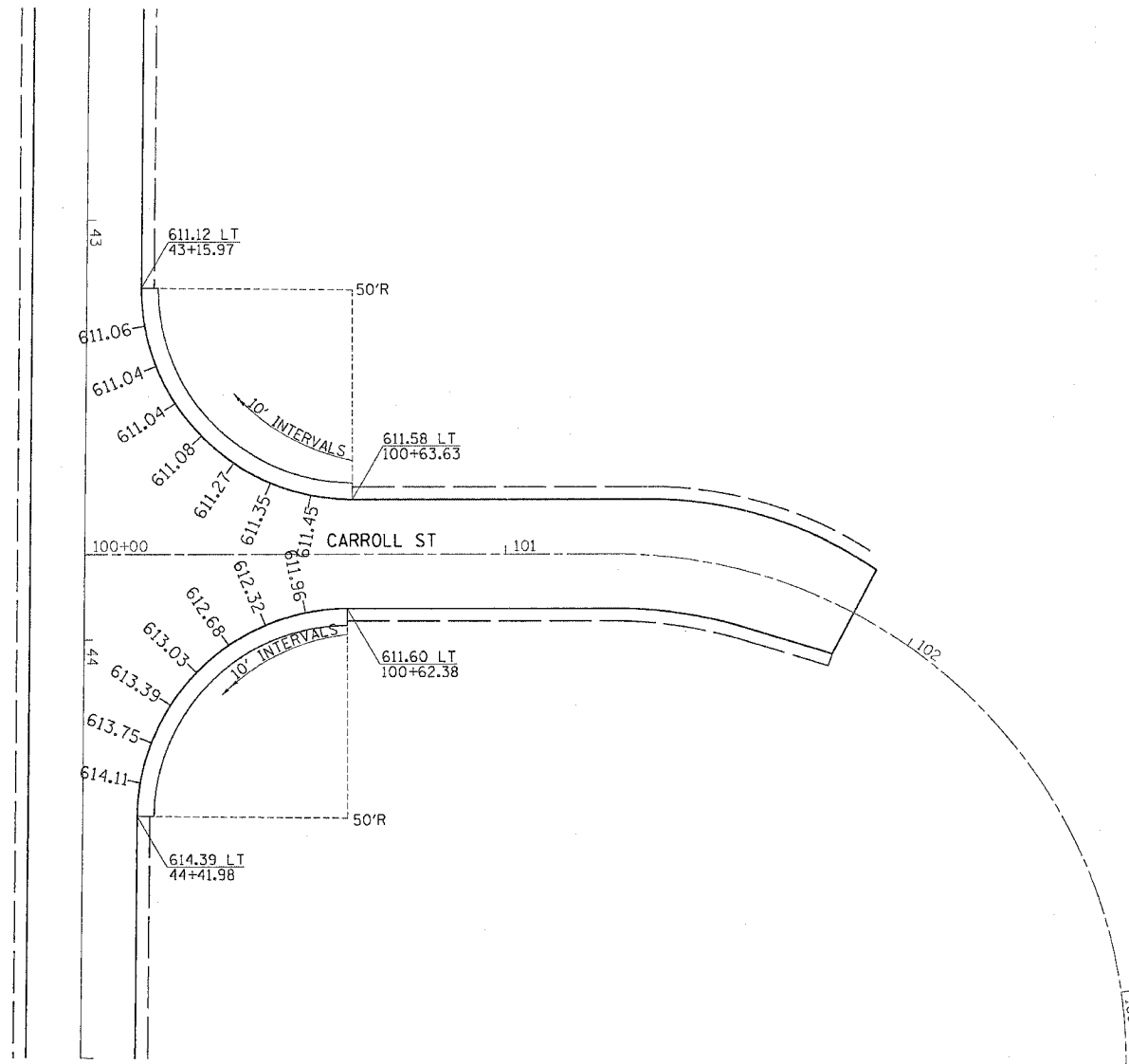
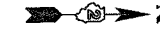
DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Fri, Sep 01 10:05:29 2006
 FILE NAME = c:\projects\213186\13186-13186-13186.dgn
 PLOT SCALE = 28.8000 / / IN.
 USER NAME = renkasj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT ELEVATIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.

DATE

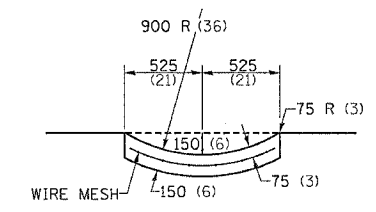
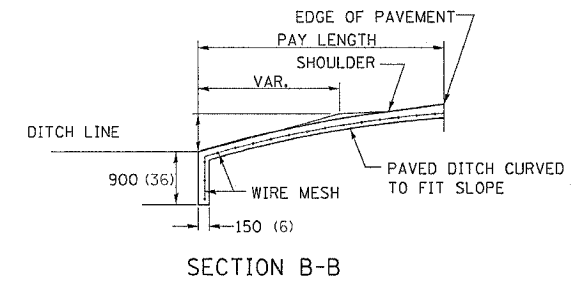
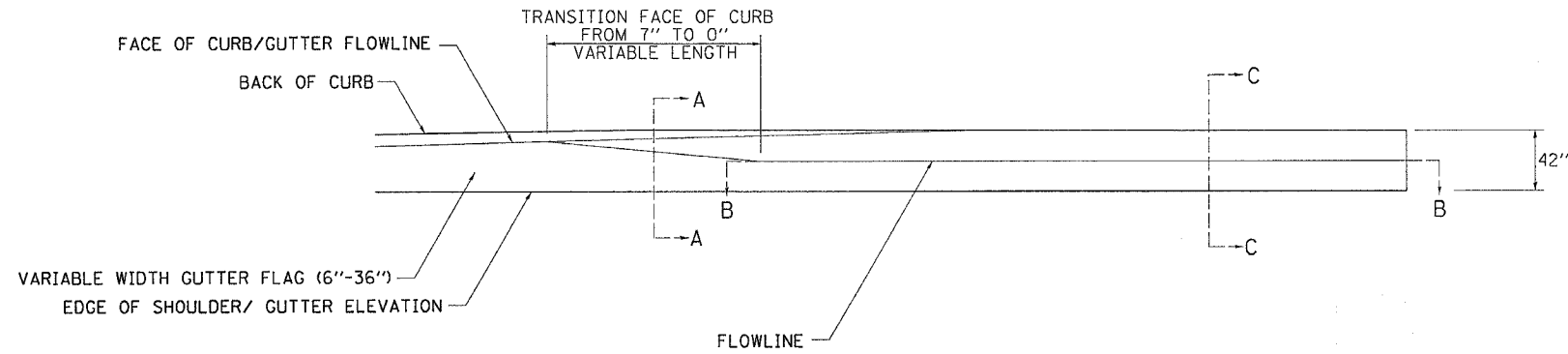
DRAWN BY
CHECKED BY

PAVEMENT ELEVATIONS

PLOT DATE = Fri, Sep 01, 10:41:11, 2006
 FILE NAME = c:\nrc\pav\p23100\p23100a1.dgn
 PLOT SCALE = 20.0000' / IN.
 USER NAME = reneerj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CURB AND GUTTER FLUME DETAIL



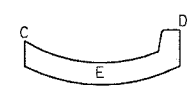
QUANTITY OF CONCRETE
 SECTION B-B = STA 38+30 - STA 38+45 = 1.05 CU.YD
 SECTION B-B = STA 40+25 - STA 40+50 = 1.75 CU.YD

SECTION C-C

NOTE:
 CLASS SI CONCRETE SHALL BE USED THROUGHOUT. CURB AND GUTTER OUTLET SHALL BE TIED TO PAVEMENT SLAB WITH 2 TIE BARS, 750(30) LONG - 750(30) CENTERS. OUTLET SHALL BE TIED TO CURB AND GUTTER AT CONTRACTION JOINTS AS SHOWN. GUTTER OUTLET AND PAVED DITCH SHALL BE REINFORCED WITH WIRE MESH HAVING A WEIGHT OF AT LEAST 2.83 Kg/m² (58 LBS/FT.²) COST TO BE INCLUDED IN THE UNIT PRICE PER (CUBIC METER) (CU.YD.) FOR CLASS SI CONCRETE (OUTLET).

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

FLUME ELEVATION CHART									
STATION	EOP ELEV. (A)	SHOULDER WIDTH (APPROXIMATE) (FT) (B)	SHOULDER SLOPE (%) (C)	EDGE OF SHLDR/GUTTER ELEV. (D)	GUTTER FLAG WIDTH (FT) (E)	GUTTER FLAG SLOPE (%) (F)	TOP OF CURB/FLUME ELEV. (G)	GUTTER FL. ELEV. (H)	NOTES
38+30		N/A	N/A		N/A	N/A	607.81	607.11	End Flume
38+40		N/A	N/A		N/A	N/A	607.84	607.14	
38+45		N/A	N/A		N/A	N/A	607.99	607.59	Flume Configuration Per Flume Detail
38+50	608.44	N/A	N/A	608.24	N/A	N/A	608.40	608.04	Begin Gutter to Flume Transition
38+53	608.44	5	4.00	608.24	2.85	6.00	STD 606001	608.07	
38+60	608.43	5	4.00	608.23	2.50	6.00	STD 606001	608.08	
38+70	608.42	5	4.00	608.22	1.67	6.00	STD 606001	608.12	
38+80	608.41	5	4.00	608.21	0.83	6.00	STD 606001	608.16	
38+85	608.41	5	4.00	608.21	0.50	6.00	STD 606001	608.18	Begin Combination Concrete C&G, Type M (Special)
39+53	608.34	5	4.00	608.14	0.50	6.00	STD 606001	608.11	Begin Combination Concrete C&G, Type M (Special)
39+60	608.33	5	4.00	608.13	0.67	6.00	STD 606001	608.09	
39+70	608.32	5	4.00	608.12	1.17	6.00	STD 606001	608.05	
39+80	608.31	5	4.00	608.11	1.67	6.00	STD 606001	608.01	
39+90	608.3	5	4.00	608.10	2.17	6.00	STD 606001	607.97	
39+95.50	608.29	5	4.00	608.09	2.33	6.00	STD 606001	607.95	
40+00	608.29	5	4.00	608.09	2.67	6.00	STD 606001	607.93	Begin Gutter to Flume Transition
40+10	608.28	4.92	4.07	608.08	Transition	Variable	608.13	607.81	
40+20	608.27	4.48	4.46	608.07	Transition	Variable	608.13	607.69	
40+25	608.27	5	4.00	608.07	N/A	N/A	608.13	607.63	Flume Configuration Per Flume Detail
40+30	608.27	3.76	4.00	608.12	N/A	N/A	608.07	607.57	
40+40	608.26	2.2	4.00	608.17	N/A	N/A	607.94	607.45	
40+50	608.25	1.06	4.00	608.21	N/A	N/A	607.83	607.33	End Flume



QUANTITY OF CONCRETE
 SECTION A-A = STA 38+45 - STA 38+53 = 0.62 CU.YD
 SECTION A-A = STA 40+00 - 40+25 = 2.02 CU.YD

SECTION A-A

NOTES:
STATION 38+30 TO STATION 38+85
 Combination Concrete Curb and Gutter, Type M (Special) Begins at Station 38+53 to Station 38+85 and Station 39+53 to Station 40+00.
 Concrete Flume Begins at Station 38+30 to Station 38+53 and Station 40+00 to Station 40+50.
 Station 38+53 to Station 38+85 Curb and Gutter Flowline Slope = 0.35%
 From Station 38+45 to Station 38+53 the Curb and Gutter will taper from 3.50 feet to 3.583 feet.
 From Station 38+45 to Station 38+53 the Face of Curb will taper from 0-inches to 7-inches.
 Station 38+30 to Station 38+53 Flume Flowline Slope = 4.17%
STATION 39+53 TO STATION 40+50
 Station 39+53 to Station 40+00 Curb and Gutter Flowline Slope = 0.383%
 Station 40+00 to Station 40+50 Flume Flowline Slope = 1.20%
 From Station 40+00 to Station 40+25 the Curb and Gutter will taper from 3.583 feet to 3.50 feet.
 From Station 40+00 to Station 40+25 the Face of Curb will taper from 7-inches to 0-inches.
 Flowline locations will taper as shown on the project plans.

Plot Date = Fri, Sep 01 10:46:07 2006
 File Name = c:\projects\3213102\313102.dwg
 Plot Scale = 56.20000 / 1 in.
 User Name = rpk@cal

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

CURB AND GUTTER FLUME DETAIL

Bench Mark: RR spike in telephone pole at Station 35+44, 26.5' left. Elevation 608.61.

Existing Structure: S.N. 037-0093 built in 1963 as F.A.I. Route 80, Section 37-IHBR-1. Structure consists of four span reinforced concrete deck on continuous steel wide flange beams supported by pile bent spill thru abutments and hammerhead piers. 216'-2" back-to-back abutments. 31'-8" out-to-out deck. Structure to be removed and replaced. Road to be closed and traffic detoured during construction.

No salvage.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-IHBR-1	HENRY	133	64
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #64602

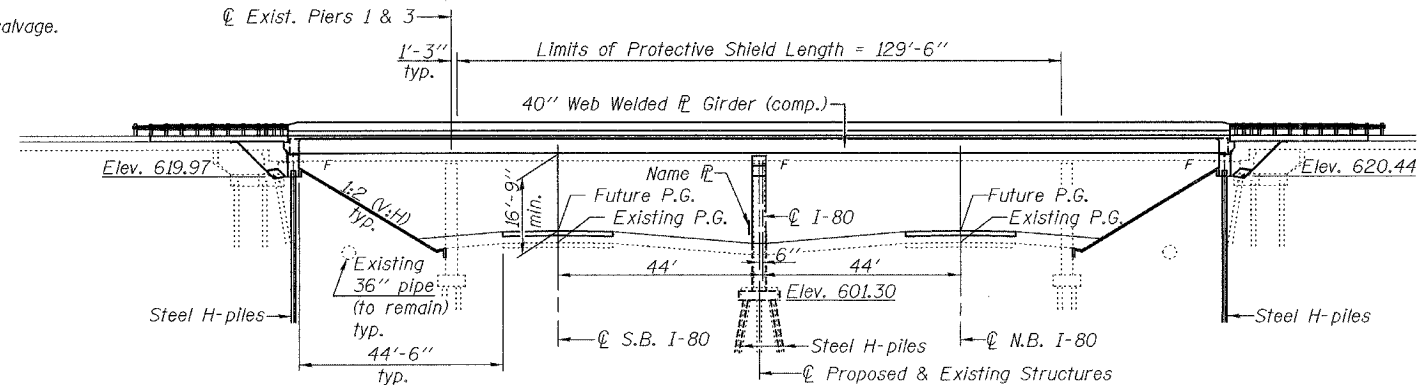
SHEET NO. 1
18 SHEETS

GENERAL NOTES

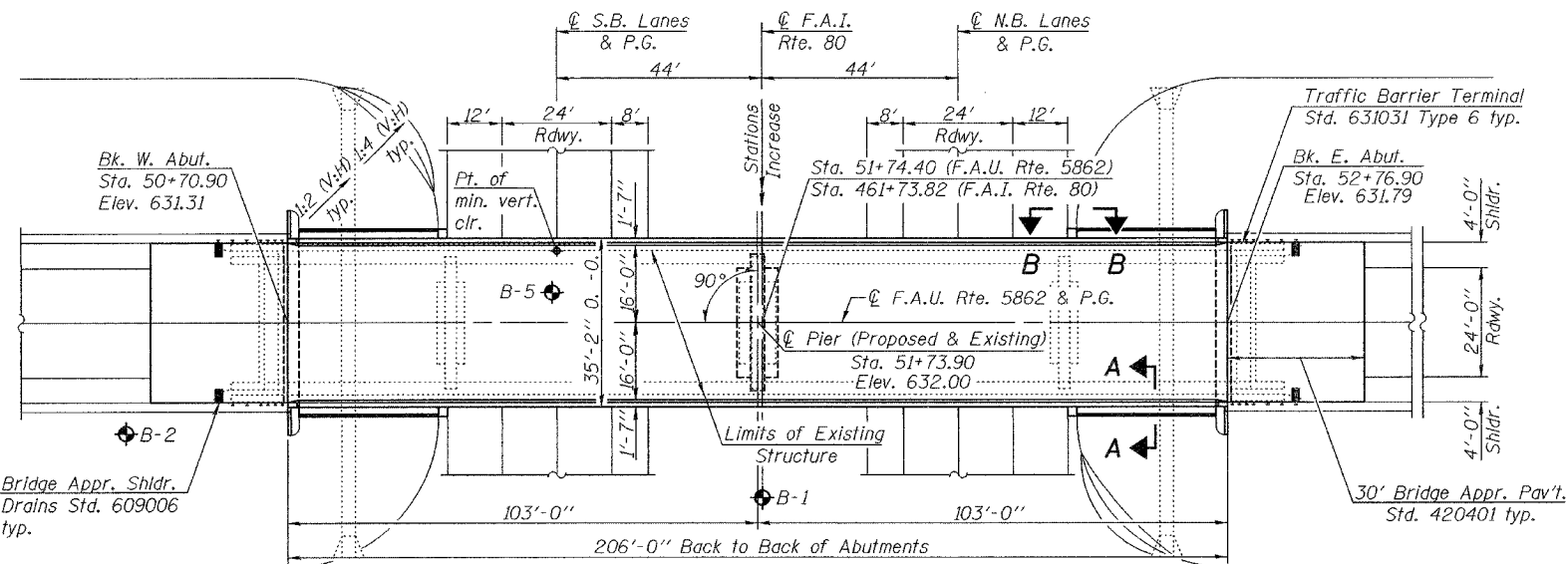
Fasteners shall be high strength bolts. Bolts $\frac{7}{8}$ " ϕ open holes $\frac{15}{16}$ " ϕ unless otherwise noted.
Anchor bolts shall be set before bolting diaphragms over supports.
Calculated weight of Structural Steel = AASHTO M270 Grade 50 = 234,200 lb.
= AASHTO M270 Grade 36 = 22,050 lb.
All Construction joints shall be bonded.
The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the tension flanges, webs and all splice plate material except fill plates.
Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.
Field welding of construction accessories will not be permitted to girders. Slope wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two $\frac{1}{8}$ " adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims.
The Contractor shall drive two Steel HP 12x63 test piles in a permanent location, one each at the East Abutment and at the Pier, as directed by the Engineer before ordering the remainder of piles.
The Inorganic zinc rich primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5 G 4/8. See special provisions for Cleaning and Painting New Metal Structures.
The Cost of the removal of existing slopewall shall be included with "Removal of Existing Structures".
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

INDEX OF SHEETS

1. General Plan & Elevation
2. General Details
3. 4. Top of Slab Elevations
5. Superstructure
6. Superstructure Details
7. Diaphragm
8. Structural Steel
9. Structural Steel Details
10. Bearing Details
11. Anchor Bolt Details
12. West Abutment
13. East Abutment
14. Pier
15. Bar Splicer Assembly Details
- 16-18. Borings

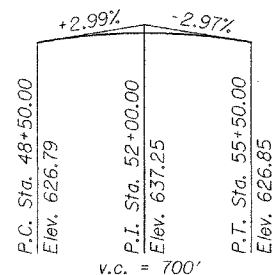


ELEVATION

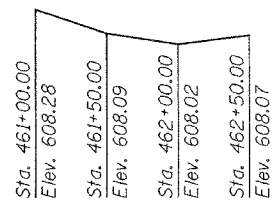


PLAN

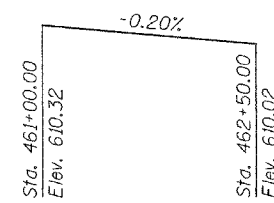
Note: See sheet 2 of 18 for Section A-A and B-B.



PROFILE GRADE
(along ϕ F.A.U. Rte. 5862)



EXISTING PROFILE GRADE
(along P.G. S.B. F.A.I. Rte. 80)



FUTURE PROFILE GRADE
(along P.G. F.A.I. Rte. 80)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

AASHTO LRFD Bridge Design Specifications, US, 3rd. Edition - 2004

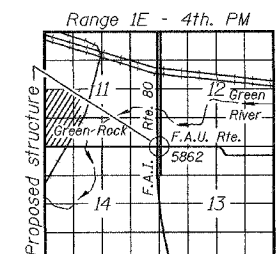
DESIGN STRESSES

FIELD UNITS

- $f'_c = 3,500$ psi
- $f_y = 60,000$ psi (reinforcement)
- $f_y = 50,000$ psi (AASHTO M270 Grade 50)
- $f_y = 36,000$ psi (AASHTO M270 Grade 36)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Bedrock Acceleration Coefficient (A) = 3.4%g
Site Coefficient (S) = 1.0



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Superstructure	Cu. Yd.	243.0		243.0
Concrete Structures	Cu. Yd.		125.2	125.2
Removal of Existing Structures No. 1	Each			1
Reinforcement Bars, Epoxy Coated	Pound	57370	19950	77320
Protective Coat	Sq. Yd.	906.4		906.4
Name Plates	Each	1		1
Porous Granular Embankment-(Special)	Cu. Yd.		150.0	150.0
Stud Shear Connectors	Each	1908		1908
Bar Splicers	Each	66		66
Furnishing and Erecting Structural Steel	L. Sum			1
Structure Excavation	Cu. Yd.		262.0	262.0
Furnishing Steel Piles HP 12x63	Foot		1627	1627
Test Pile Steel HP 12x63	Each		2	2
Driving Piles	Foot		1627	1627
Slopewall 4"	Sq. Yd.			261.1
Bridge Deck Grooving	Sq. Yd.	687		687
Pipe Underdrains for Structures 4"	Foot		163	163
Geocomposite Wall Drain	Sq. Yd.		112.5	112.5
Protective Shield	Sq. Yd.	455.7		455.7

GENERAL PLAN & ELEVATION
POPPY GARDEN ROAD OVER I-80
F.A.I. ROUTE 80 - SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

DESIGNED	Michael D. Cima
CHECKED	R. Sommer
DRAWN	R. Sommer
CHECKED	MDC, PRL

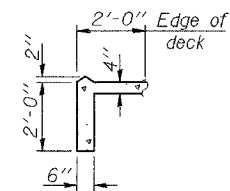
September 25, 2006
EXAMINED
PASSED



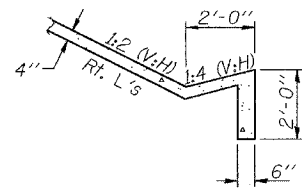
EXPIRES 11-30-2006

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

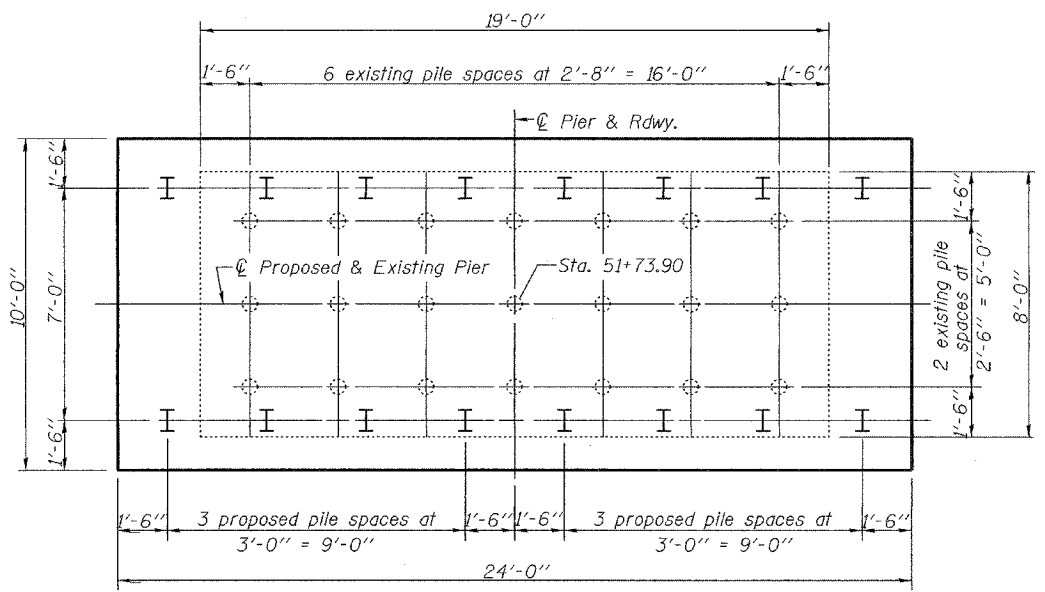
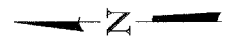
ROUTE NO.	SECTION	COUNTY	DIS. NO.	SHEET	SHEET NO. 2 18 SHEETS
F.A.I. 80	37-1HBR-1	HENRY	133	65	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	Contract #64602		



SLOPEWALL SECTION A-A

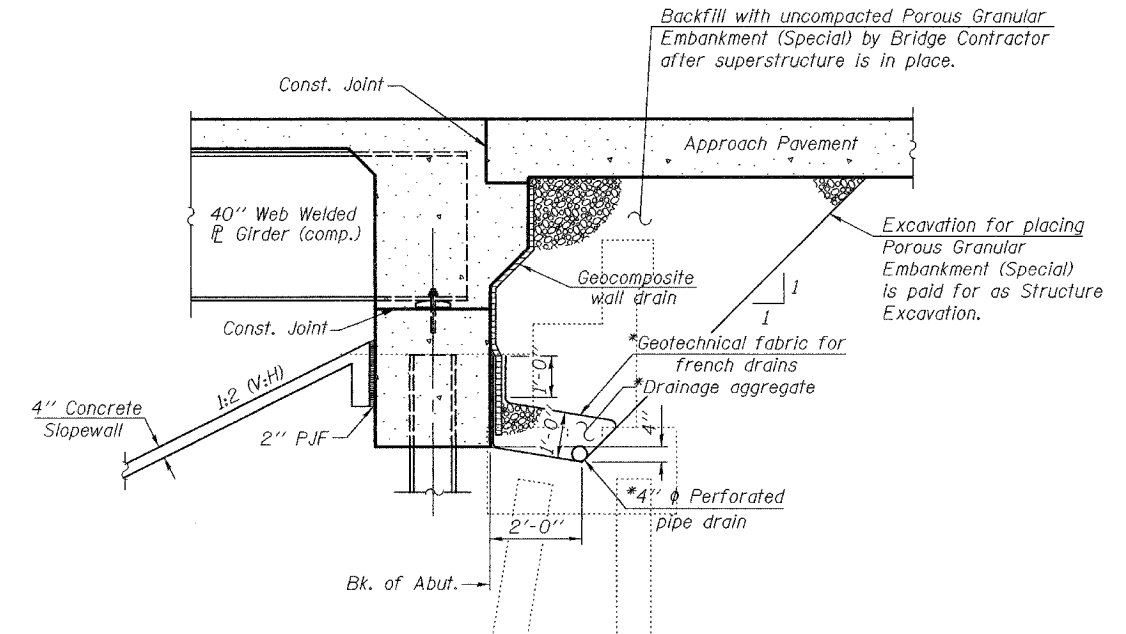


SLOPEWALL SECTION B-B



EXISTING AND PROPOSED FOOTING PILE LAYOUT AT PIER

Note: Existing plans indicate existing piles are timber piles.



SECTION THRU INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures 4".

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

STATION 461+73.82
BUILT 200 BY
STATE OF ILLINOIS
F.A.I. RTE. 80 - SEC. 37-1HBR-1
LOADING HL93
STR. NO. 037-0171

NAME PLATE
See Std. 515001

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

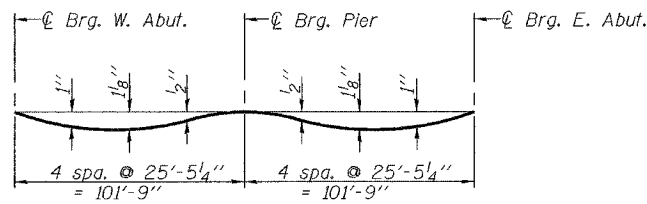
EXAMINED	September 25, 2006	Thomas J. Demagalaki
PASSED		Ralph E. Anderson

GENERAL DETAILS
F.A.I. RT. 80 SEC. 37-1HBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 3 18 SHEETS
F.A.I. 80	37-IHBR-1	HENRY	133	66	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

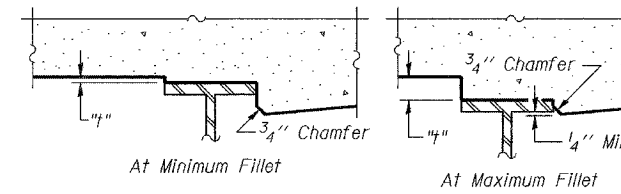
Contract #64602



DEAD LOAD DEFLECTION DIAGRAM

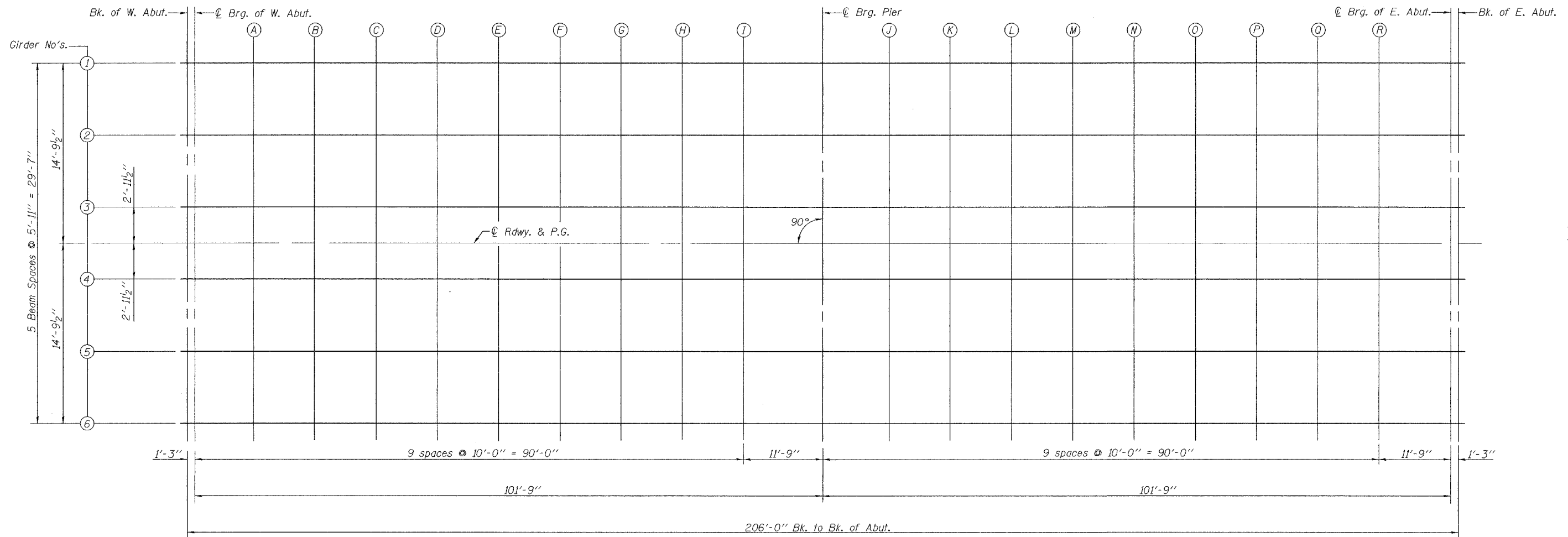
(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheet 4 of 18.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheet 4 of 18, minus slab thickness, equals the fillet heights "t" above top flange of girders.

FILLET HEIGHTS



PLAN



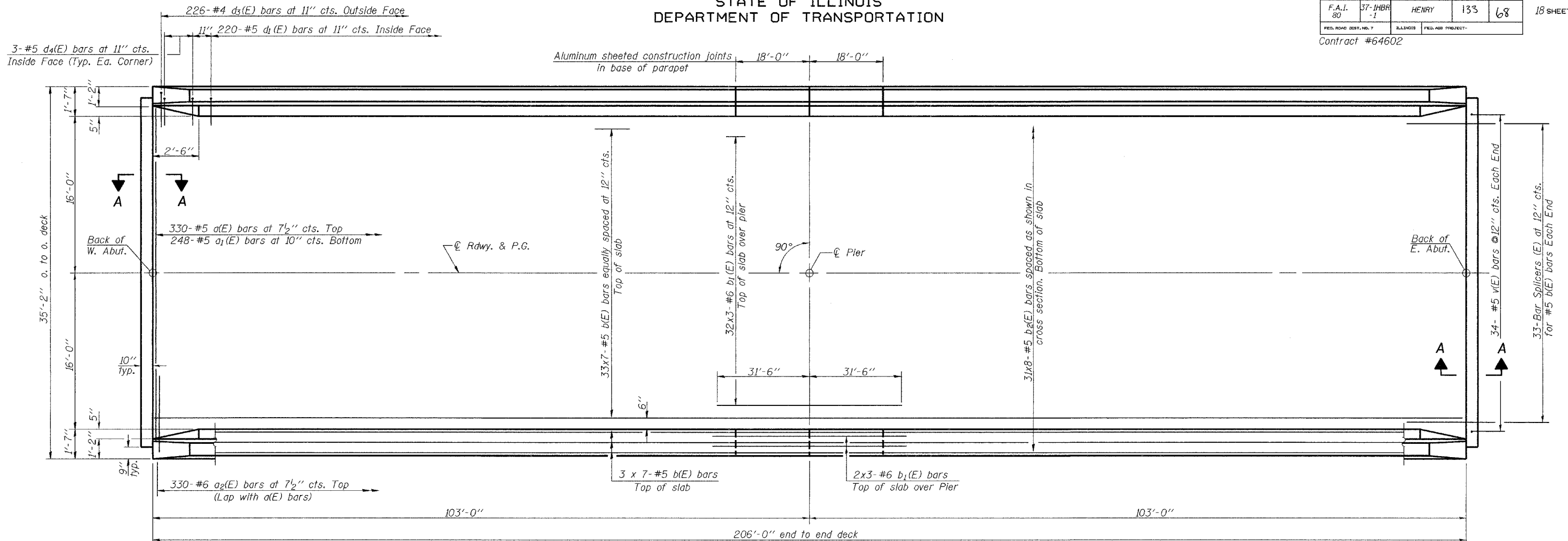
DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

September 25 2006
EXAMINED <i>Thomas J. Domagala</i> ENGINEER OF BRIDGE DESIGN
PASSED <i>Ralph E. Anderson</i> ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

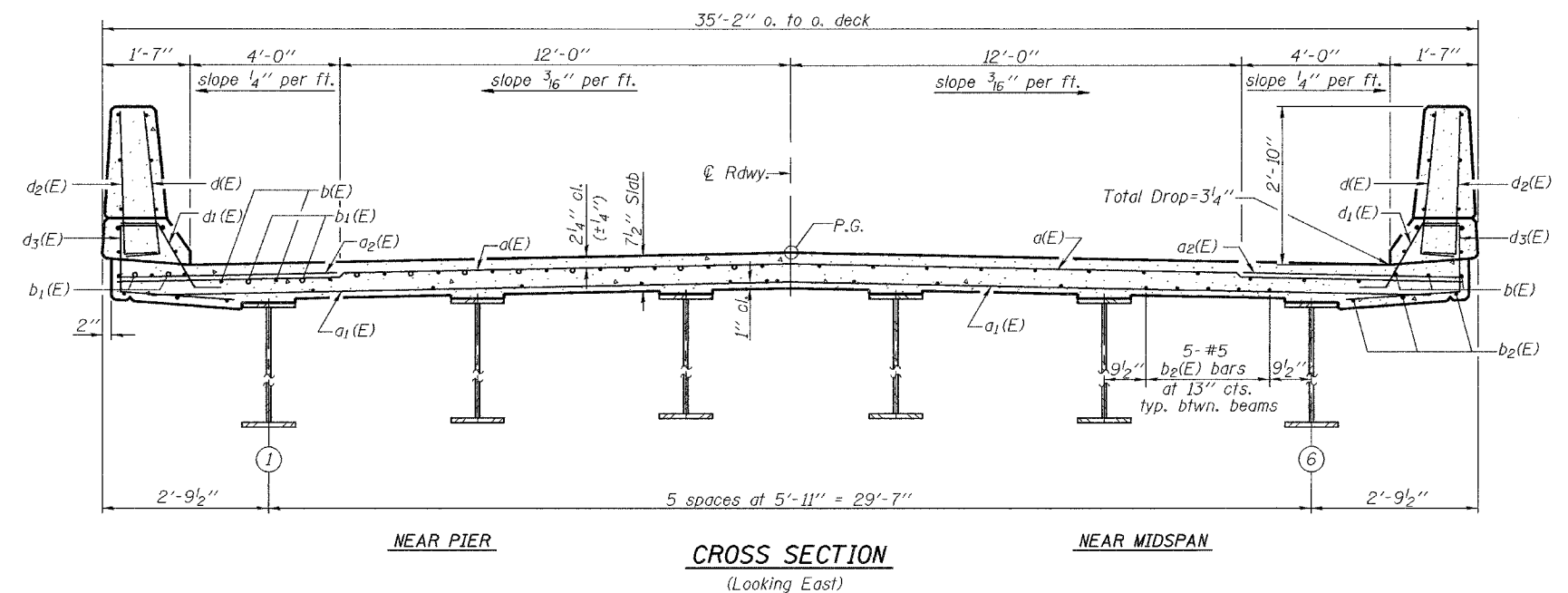
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET	SHEET NO. 5 18 SHEETS
F.A.I. 80	37-IHBR-1	HENRY	133	68	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			
Contract #64602					



PLAN

MIN. BAR LAP
#5 bar = 1'-8"
#6 bar = 2'-7"



CROSS SECTION
(Looking East)

Notes: See Sheet 6 of 18 for superstructure details and Bill of Material.
Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 33 x 7-#5 etc. Indicates 33 lines of bars with 7 lengths per line.
See Sheet 6 of 18 for parapet reinforcement.
See Sheet 7 of 18 for Section A-A.
For bar splicer details see sheet 15 of 18.

DESIGNED Michael D. Cima
CHECKED Phillip R. Litchfield
DRAWN R. Sommer
CHECKED MDC/PRL

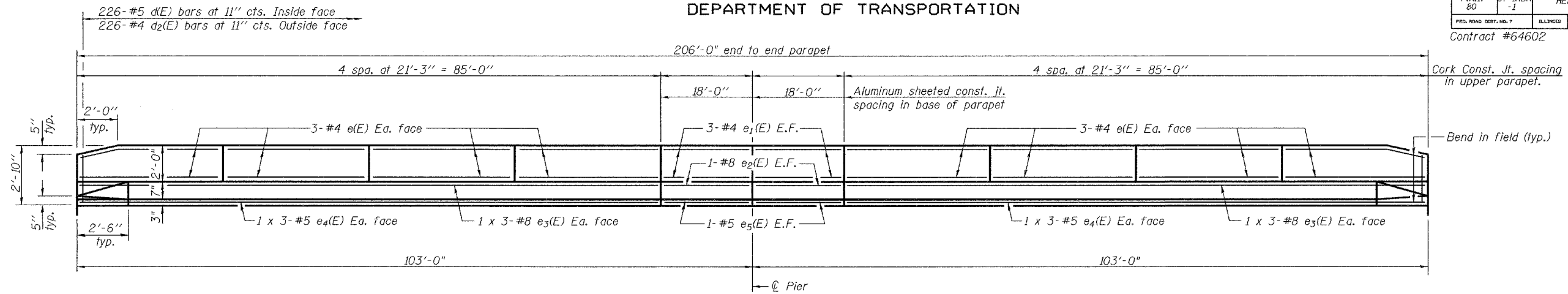
September 25, 2006
EXAMINED Thomas J. Domagala
PASSED Ralph E. Anderson

SUPERSTRUCTURE
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

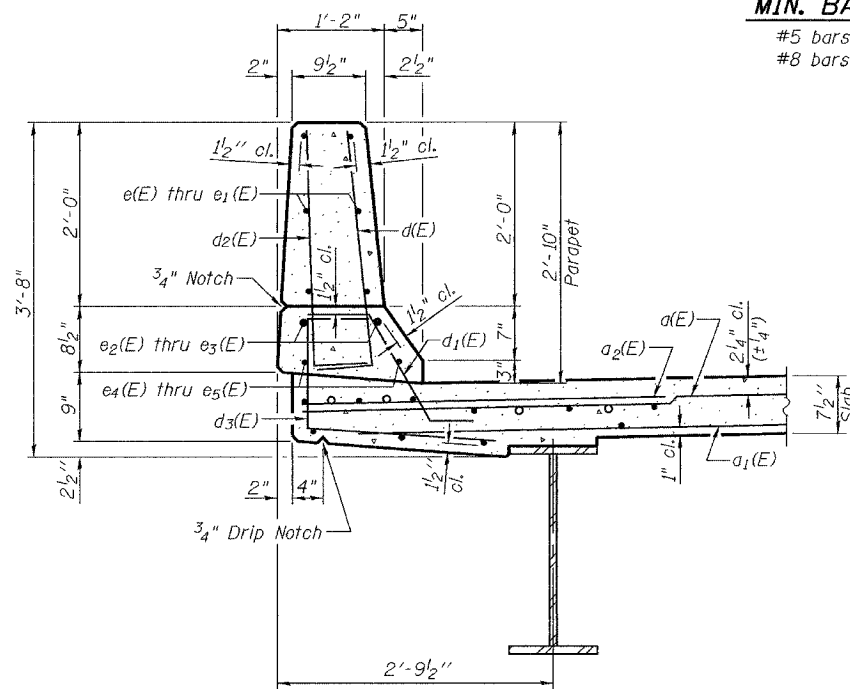
ROUTE NO. F.A.I. 80	SECTION 37-IHBR -1	COUNTY HENRY	STA. 133	SHEET 69	SHEET NO. 6 18 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-	

Contract #64602

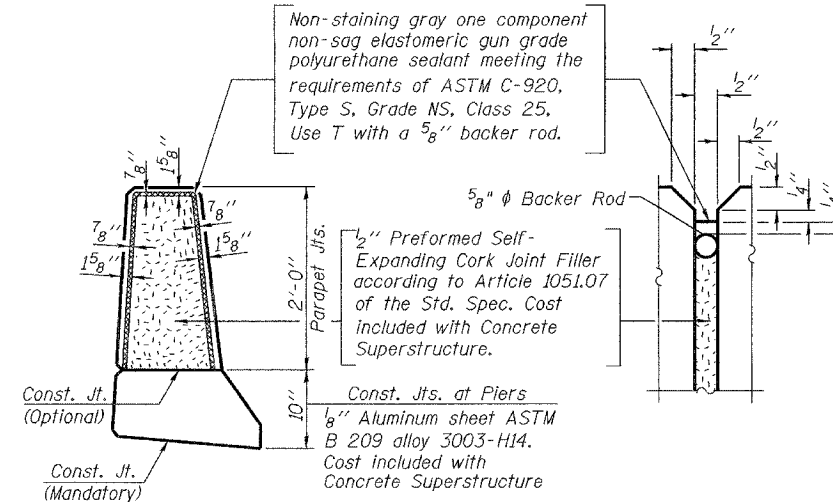


MIN. BAR LAPS
#5 bars = 1'-8"
#8 bars = 3'-5"

INSIDE ELEVATION OF PARAPET



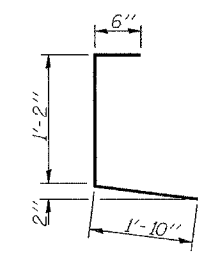
SECTION THRU PARAPET



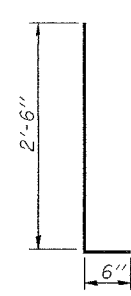
PARAPET JOINT DETAILS

**SUPERSTRUCTURE
BILL OF MATERIAL**

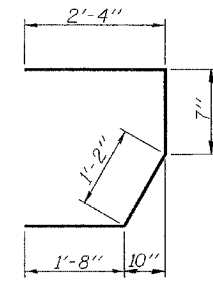
Bar	No.	Size	Length	Shape
a(E)	330	#5	34'-6"	—
a1(E)	248	#5	33'-6"	—
a2(E)	660	#6	6'-0"	—
b(E)	273	#5	30'-10"	—
b1(E)	108	#6	22'-9"	—
b2(E)	248	#5	27'-2"	—
c(E)	452	#5	3'-0"	—
d1(E)	440	#5	2'-5"	┌
d2(E)	452	#4	3'-0"	—
d3(E)	452	#4	3'-6"	┌
d4(E)	12	#5	2'-4"	┌
e(E)	96	#4	20'-11"	—
e1(E)	24	#4	17'-8"	—
e2(E)	8	#8	17'-8"	—
e3(E)	24	#8	30'-6"	—
e4(E)	24	#5	29'-4"	—
e5(E)	8	#5	17'-8"	—
m(E)	4	#6	33'-4"	—
m1(E)	6	#6	34'-9"	—
m2(E)	24	#6	8'-0"	—
m3(E)	10	#6	5'-7"	—
m4(E)	4	#6	2'-7"	—
s(E)	72	#5	5'-9"	┌
s1(E)	62	#4	11'-2"	┌
v(E)	68	#5	3'-4"	┌
Reinforcement Bars, Epoxy Coated		Pound	57370	
Concrete Superstructure		Cu. Yds.	243.0	



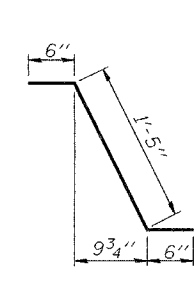
BAR d3(E)



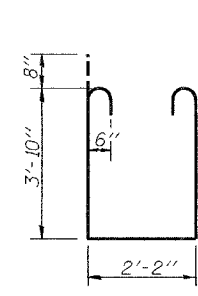
BARS d(E) & d2(E)



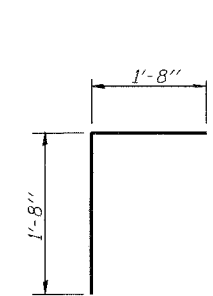
BAR s(E)



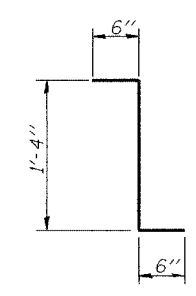
BAR d1(E)



BAR s1(E)



BAR v(E)



BAR d4(E)

DESIGNED Michael D. Cima
CHECKED Phillip R. Litchfield
DRAWN R. Sommer
CHECKED MDC/PRL

September 25, 2006
EXAMINED Thomas J. Domagalaki
PASSED Ralph E. Anderson

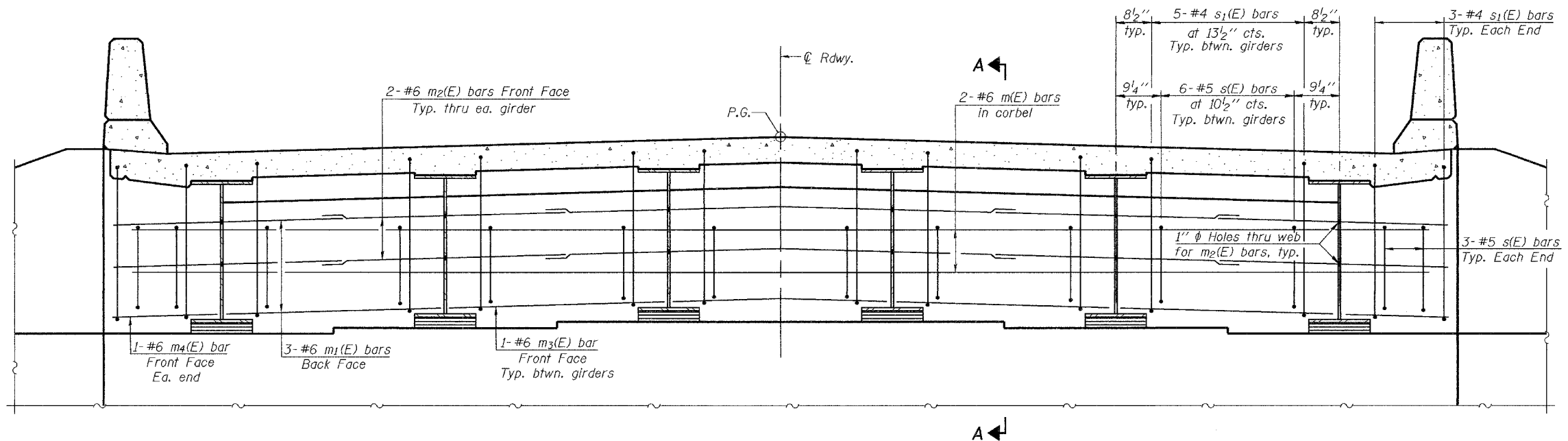
SUPERSTRUCTURE DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 1 x 3-#5 etc. indicates 1 line of bars with 3 lengths per line.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DIST.	SHEET	SHEET NO. 7 18 SHEETS
F.A.I. 80	37-IHBR -1	HENRY	133	70	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

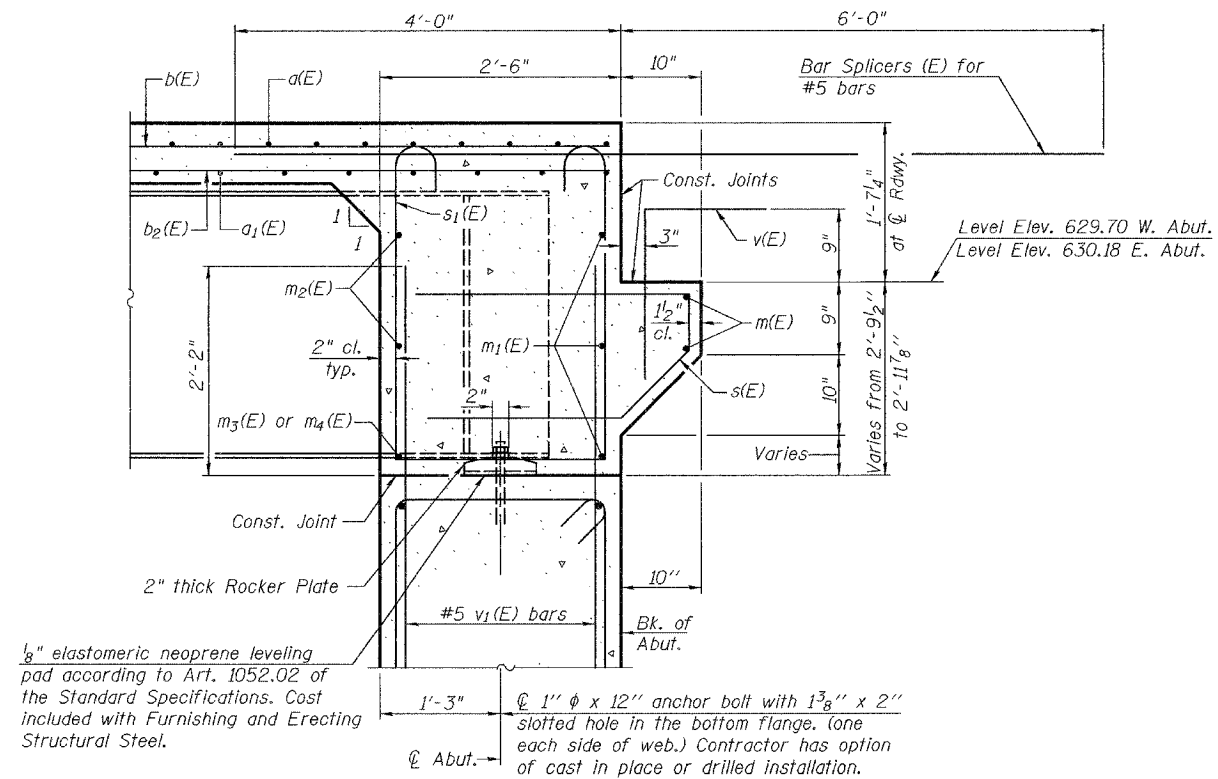
Contract #64602



DIAPHRAGM ELEVATION AT ABUTMENT
(Bearing Stiffeners not shown)

Notes: Reinforcement bars in diaphragm are billed with superstructure on sheet 6 of 18.
Concrete in diaphragm is included with Concrete Superstructure on sheet 6 of 18.
For details of bars s(E) & s₁(E) see sheet 6 of 18.
For anchor bolt details see sheet 11 of 18.

MIN. BAR LAP
#6 bar = 2'-9"



SECTION A-A

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

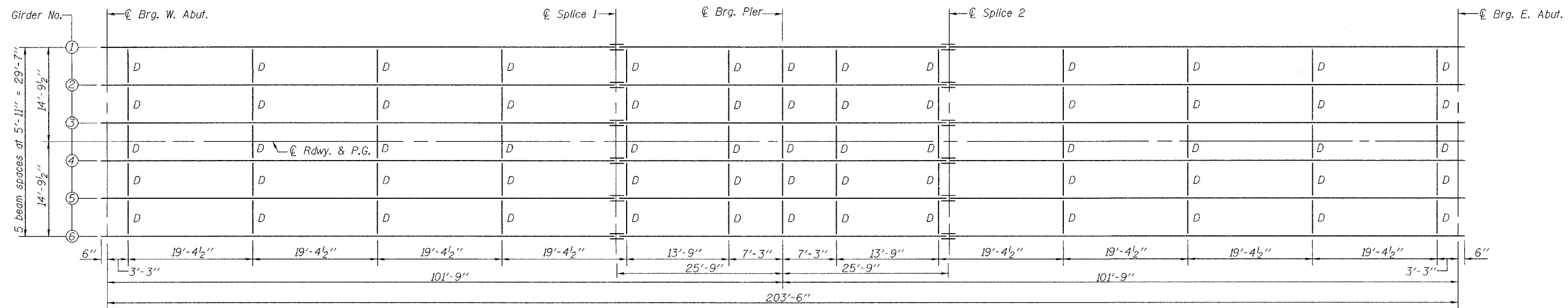
EXAMINED	September 25, 2006	Thomas J. Domagala
PASSED		Ralph E. Anderson

DIAPHRAGM DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

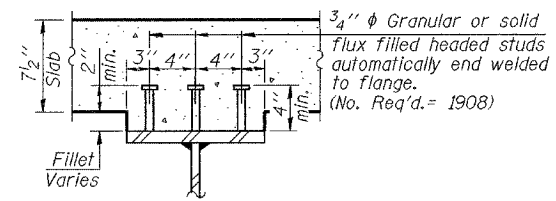
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8 18 SHEETS
F.A.I. 80	37-IHBR-1	HENRY	133	71	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

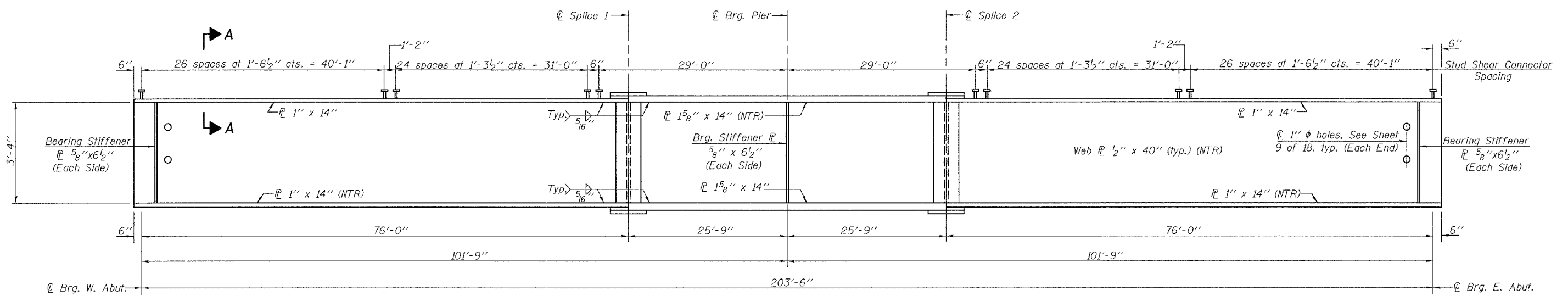
Contract #64602



FRAMING PLAN



SECTION A-A



GIRDER ELEVATION

***TOP OF WEB ELEVATIONS**

Location	℄ Brg. W. Abut.	℄ Splice 1	℄ Brg. Pier	℄ Splice 2	℄ Brg. E. Abut.
Girder 1	630.31	630.83	630.89	630.95	630.78
Girder 2	630.42	630.94	631.00	631.06	630.89
Girder 3	630.51	631.03	631.09	631.15	630.98
Girder 4	630.51	631.03	631.09	631.15	630.98
Girder 5	630.42	630.94	631.00	631.06	630.89
Girder 6	630.31	630.83	630.89	630.95	630.78

*For fabrication only.

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

EXAMINED	September 25, 2006	Thomas J. Domagala
PASSED		Ralph E. Anderson

Notes: "NTR" denotes plates to which Notch Toughness Requirements are applicable. All plates of the girders, including stiffeners, shall be AASHTO M270 Grade 50. For remainder of structural steel details see sheet 9 of 18.

STRUCTURAL STEEL
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

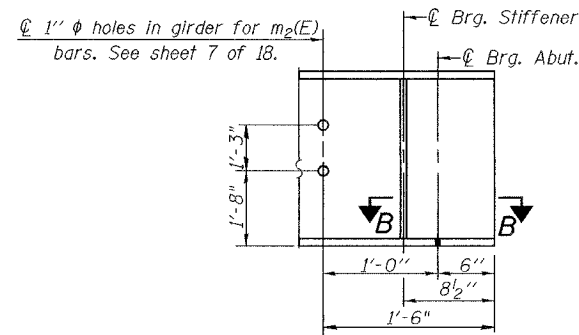
ROUTE NO.	SECTION	COUNTY	STATION	SHEET NO.	SHEET NO. 9
F.A.I. 80	37-IHBR-1	HENRY	133	72	18 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #64602

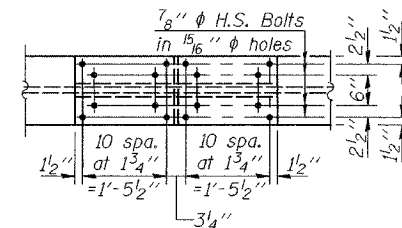
	0.4 Sp. 1 & 0.6 Sp. 2	Pier
I_s	(in ⁴) 14436	22385
I_c (n)	(in ⁴) 32007	—
I_c (3n)	(in ⁴) 23694	—
S_s	(in ³) 687	1035
S_c (n)	(in ³) 910	—
S_c (3n)	(in ³) 831	—
Z	(in ³) —	—
DC1	(k/ft.) 0.764	0.836
M DC1	(k) 500.0	1146.8
DC2	(k/ft.) 0.15	0.15
M DC2	(k) 117.1	173.2
DW	(k/ft.) 0.296	0.296
M DW	(k) 231.0	341.8
M _L +Imp	(k) 1172.0	1044.3
M _a (Strength I)	(k) 3168.9	3990.3
φM _n	(k) 4593	—
f _s DC1	(k.s.i.) 8.73	13.30
f _s DC2	(k.s.i.) 1.69	2.01
f _s DW	(k.s.i.) 3.34	3.96
f _s 1.3(4+I)	(k.s.i.) 20.09	15.74
f _s (Service II)	(k.s.i.) 33.85	35.01
f _s (Total)(Strength I)	(k.s.i.) —	46.27
V _{sr}	(k) 25.1	—

	Abuts.	Pier
R DC1	(k) 27.8	103.5
R DC2+DW	(k) 17.6	55.5
R _L	(k) 57.1	113.6
R Imp.	(k) 18.8	23.4
R (Total)	(k) 121.3	296.0

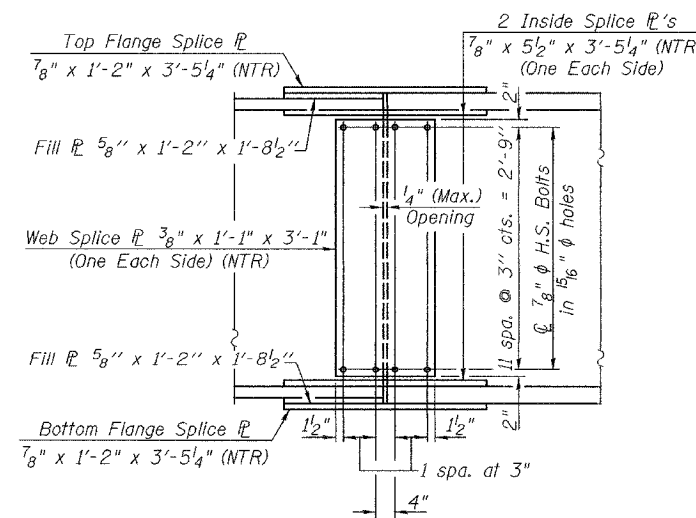
I_s and S_s are the moment of inertia and section modulus of the steel section used in computing f_s due to non-composite loads.
 I_c and S_c are the moment of inertia and section modulus of the composite section used in computing f_s due to short-term composite loads.
 $I_{c(3n)}$ and $S_{c(3n)}$ are the moment of inertia and section modulus of the composite section used in computing f_s due to long-term composite loads.
DC1 is the dead load acting on the non-composite section.
DC2 is the dead load acting on the long-term composite section.
DW is the dead load acting on the long-term composite section due to wearing surface.
M_a (Strength I) = 1.25 MDC1 + DC2 + 1.5M (DW) + 1.75 M(L+Imp).
φM_n is the full plastic moment capacity computed in accordance with appendix D6.1 and 6.10.7.
f_s (Service II) is the sum of the stresses due to DC1 + DC2 + DW + 1.3(L+Imp).
f_s (Total) (Strength I) (Non-compact section) is the sum of the stresses due to 1.25(DC1 + DC2) + 1.5DW + 1.75(L+Imp).
V_{sr} is the maximum shear range in the span 0.75(L+Imp).



TYP. END OF GIRDER ELEVATION

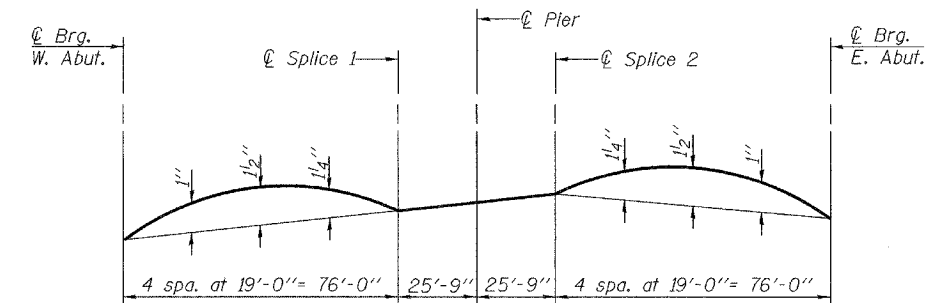


TOP & BOTTOM FLANGE P

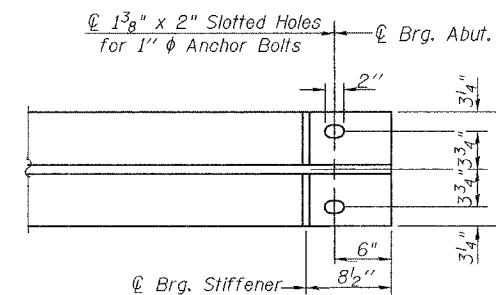


SPLICE DETAILS
(12 Required)

For Splice locations 1 & 2.

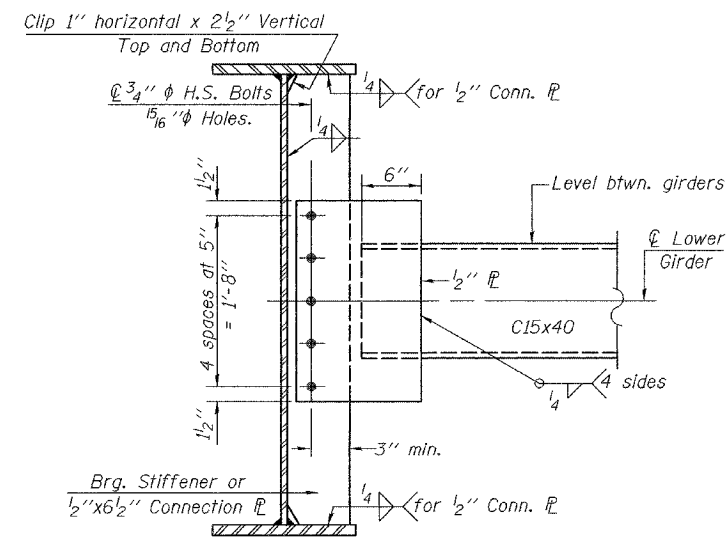


CAMBER DIAGRAM



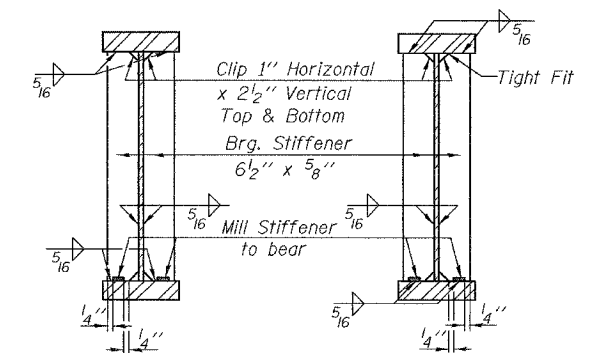
SECTION B-B

Note: All structural steel for splice plates shall be AASHTO M 270 Grade 50.



DIAPHRAGM D
(65 Required)

Note: Two hardened washers shall be required for all 1 5/16" holes in diaphragms.



SECTION AT PIER

SECTION AT ABUTMENTS

BEARING STIFFENER P's

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

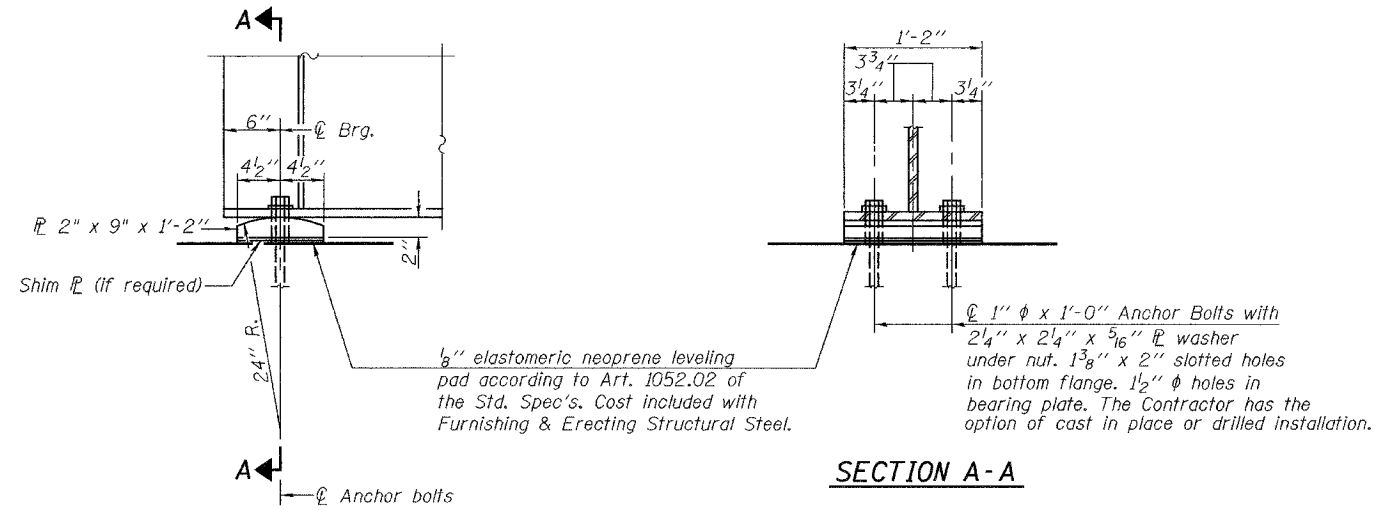
September 25 2006
EXAMINED *Thomas J. Demagabaki*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

STRUCTURAL STEEL DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

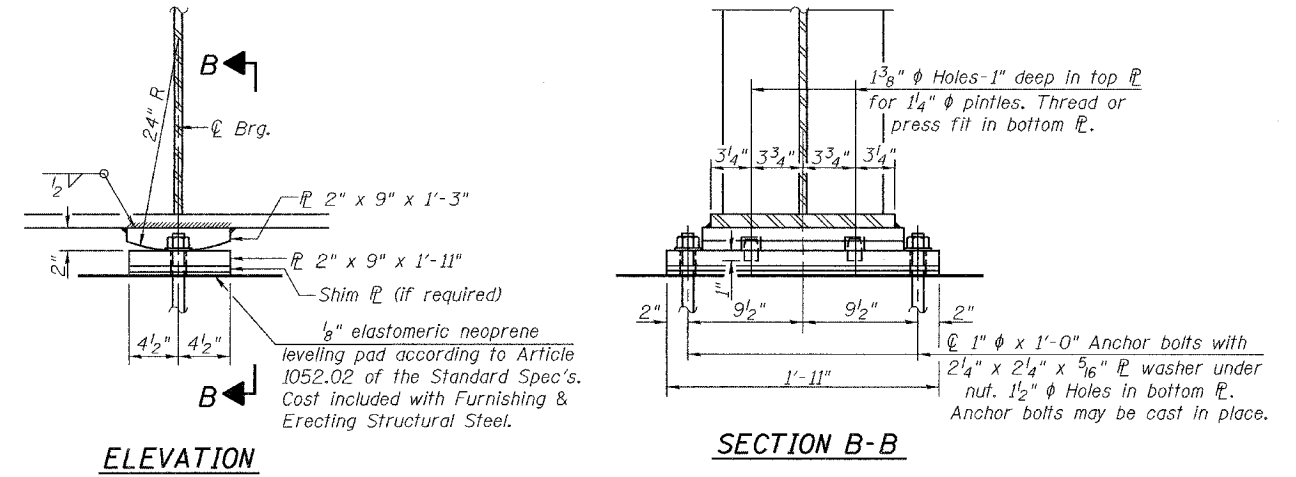
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.I. 80	37-IHBR-1	HENRY	133	73
FED. ROAD DIST. NO. 7	BUILDING	FED. AID PROJECT		

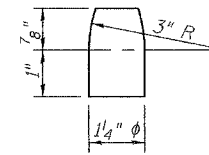
Contract #64602



FIXED BEARINGS AT ABUTMENTS
(12 Required)



FIXED BEARINGS AT PIER
(6 Required)



Note: For Anchor Bolt details, See Sheet 11 of 18.
All bearing plates shall be AASHTO M270 Grade 50.

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

EXAMINED	September 25, 2006
PASSED	Thomas J. Domagalaki ENGINEER OF BRIDGE DESIGN
	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

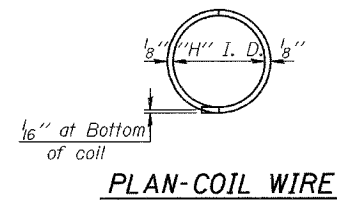
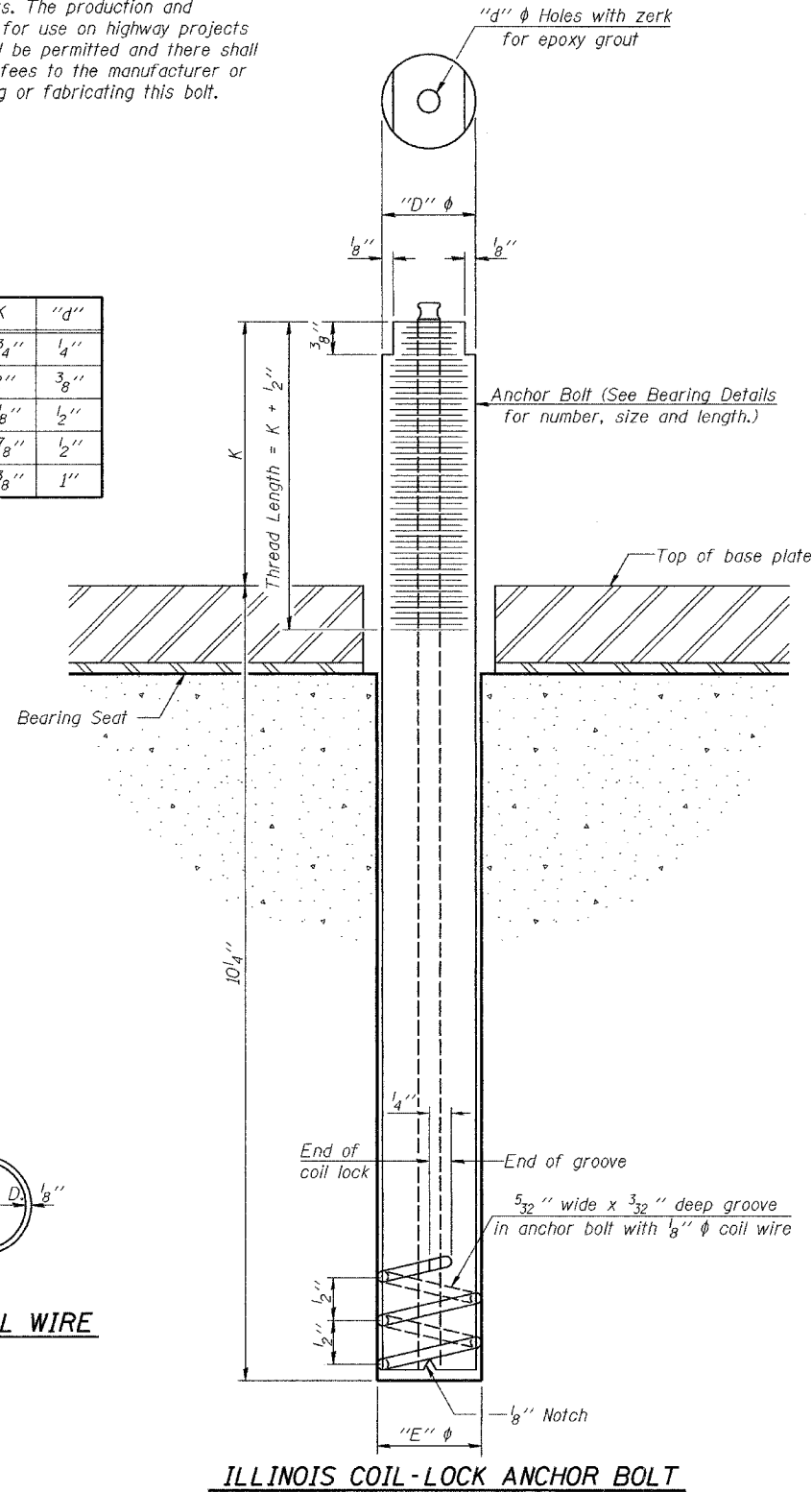
BEARING DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 11
F.A.I. 80	37-1HBR-1	HENRY	133	74	18 SHEETS
FED. ROAD DIST. NO. 7	ILL. DIST.	FED. AID PROJECT	Contract #64602		

The Illinois Coil-Lock Anchor Bolt is a proprietary item which is the property of the Illinois Department of Transportation. Use, reproduction or disclosure without express written permission is prohibited and protected under Federal copyright laws. The production and the fabrication of this bolt for use on highway projects in the State of Illinois shall be permitted and there shall be no incurred charges or fees to the manufacturer or the fabricator for producing or fabricating this bolt.

D	E	H	K	"d"
1"	1 1/8"	1 3/16"	1 3/4"	1/4"
1 1/4"	1 3/8"	1 1/16"	2"	3/8"
1 1/2"	1 5/8"	1 5/16"	2 1/8"	1/2"
2"	2 1/8"	1 13/16"	2 7/8"	1/2"
2 1/2"	2 5/8"	2 5/16"	3 3/8"	1"



MATERIALS FOR ILLINOIS COIL-LOCK ANCHOR BOLT

The anchor bolt shall be fabricated from cold drawn or hot finished seamless carbon steel mechanical tubing conforming to ASTM A 519, Grade 1026, CW and supplied with hexagonal nuts and cut washers.
The coil wire shall be made of any suitable soft steel wire.
The finished anchor bolt shall be cleaned of rust and other foreign materials and wrapped or packaged to prevent contamination until they are installed.
The epoxy grout shall be a two-component, epoxy resin bonding system conforming to ASTM C 881, Type I, Grade 1 and of a Class suitable for the temperature at installation.

INSTALLATION PROCEDURE for the ILLINOIS COIL-LOCK ANCHOR BOLT

1. With the coil wire in place, the bolt shall be inserted into the hole and turned clockwise to a snug fit in the hole. Nut and washer shall be placed on the bolt. The nut shall be tensioned until the steel base plates are held securely to the concrete bearing seat.
2. Epoxy grout shall be pumped through the zerk fitting with a pressure gun. Pumping shall continue until the epoxy overflows the hole around the bolt shank. After pumping is discontinued, excess epoxy shall be immediately wiped off.

ALTERNATE ANCHOR BOLTS

The Contractor may use, at his option, the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.

- The capsule or the adhesive cartridge type anchor rods shall be a two part system composed of:
1. A threaded rod stud with nut and washer of the type specified.
 2. A sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.

Location	Type
Abuts.	A325
Piers	A325

ASTM F 1554 Grade 105, ASTM A 449 and AASHTO M 314 Grade 105 anchor bolts may be substituted for the anchor bolts shown above.

GENERAL NOTES

Holes in the masonry for anchor bolts shall be drilled through the base plates to the diameter and depth shown or according to the manufacturer's recommendation after beams or girders have been erected and adjusted.
Prior to setting the bolts, the holes shall be dry and all dust and loose particles shall be removed by the use of compressed air or vacuuming.
The anchor bolts, furnished and installed and including the epoxy grout or capsules shall not be paid for separately but shall be included in the unit bid price for Furnishing and Erecting Structural Steel.

**ANCHOR BOLT DETAILS
FOR BEARINGS
F.A.I. RT. 80 SEC. 37-1HBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171**

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL
ABB-1	10-22-04

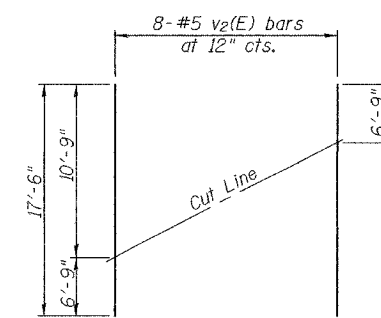
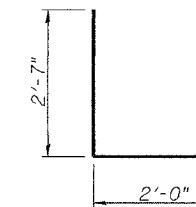
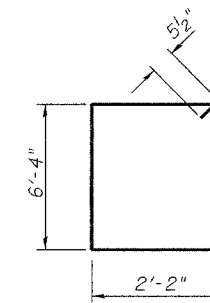
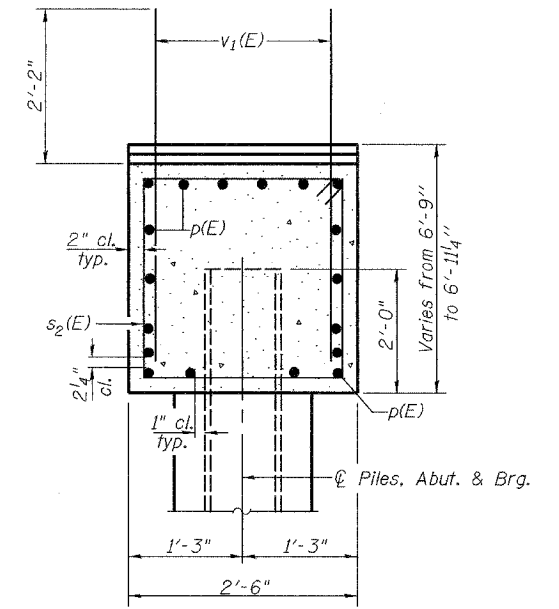
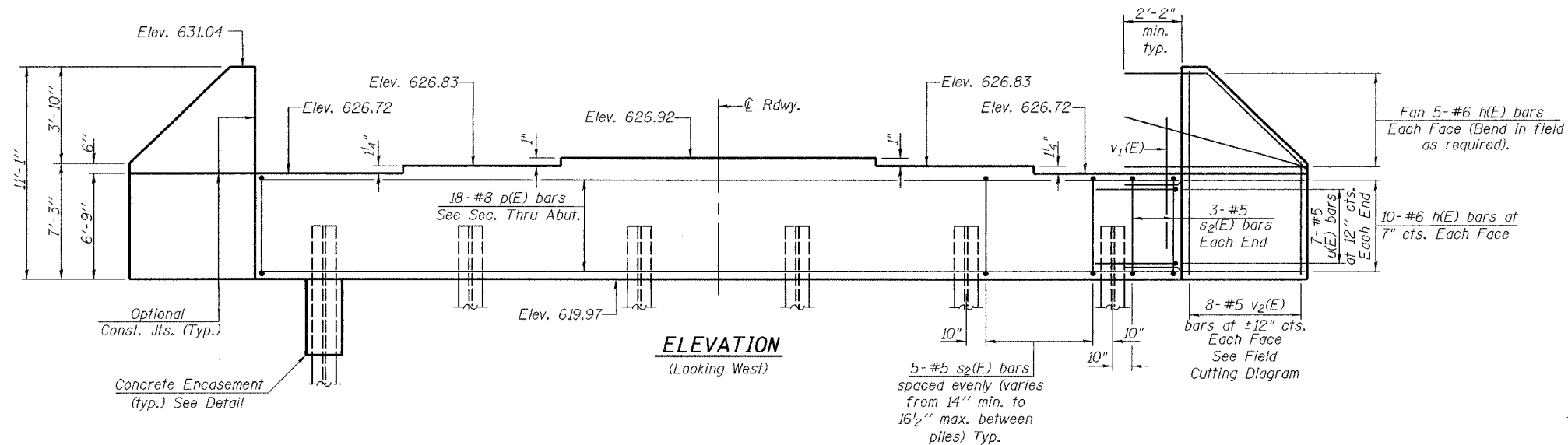
September 25, 2006
EXAMINED *Thomas J. Demagala*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-1HBR-1	HENRY	133	75
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

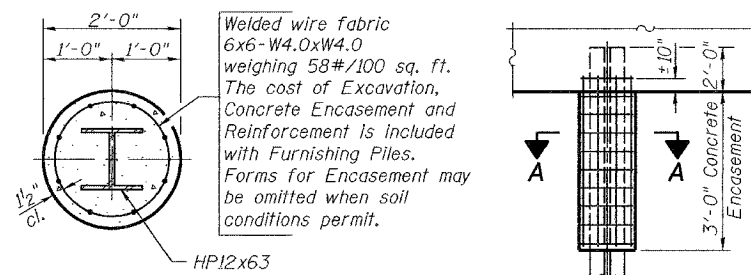
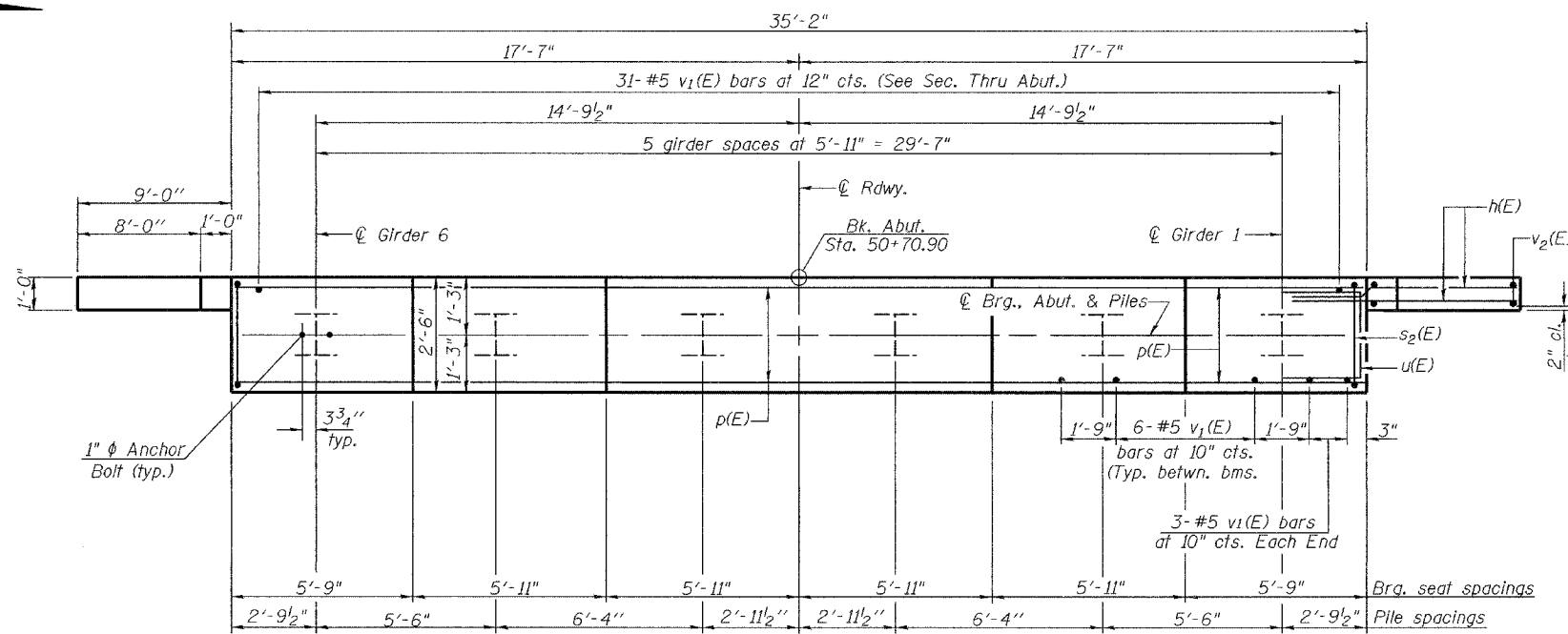
Contract #64602

Notes:
Pour steps monolithically with cap.
Reinforcement bars designated (E) shall be epoxy coated.
Space reinforcement in cap to miss anchor bolts.
For anchor bolt installation details see sheet 11 of 18.



BILL OF MATERIAL

Bar No.	Size	Length	Shape
h(E)	60 #6	11'-10"	—
p(E)	18 #8	34'-10"	—
s2(E)	31 #5	17'-11"	□
u(E)	14 #5	7'-2"	□
v1(E)	67 #5	4'-4"	—
v2(E)	16 #5	17'-6"	—
Concrete Structures	Cu. Yd.	28.4	
Reinforcement Bars, Epoxy Coated	Pound	4020	
Furnishing Steel Piles HP12x63	Foot	432	
Driving Piles	Foot	432	
Structure Excavation	Cu. Yd.	87.5	



PILE DATA

Type: Steel HP12x63
Nominal Required Bearing: 459 kips
Factored Resistance Available: 229.5 kips
Est. Length: 72'
No. of Production Piles: 6

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

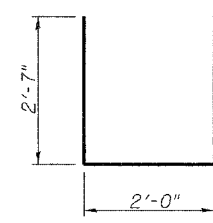
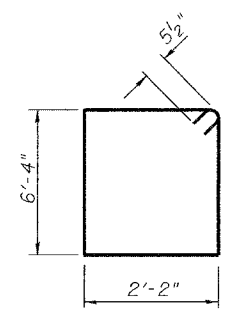
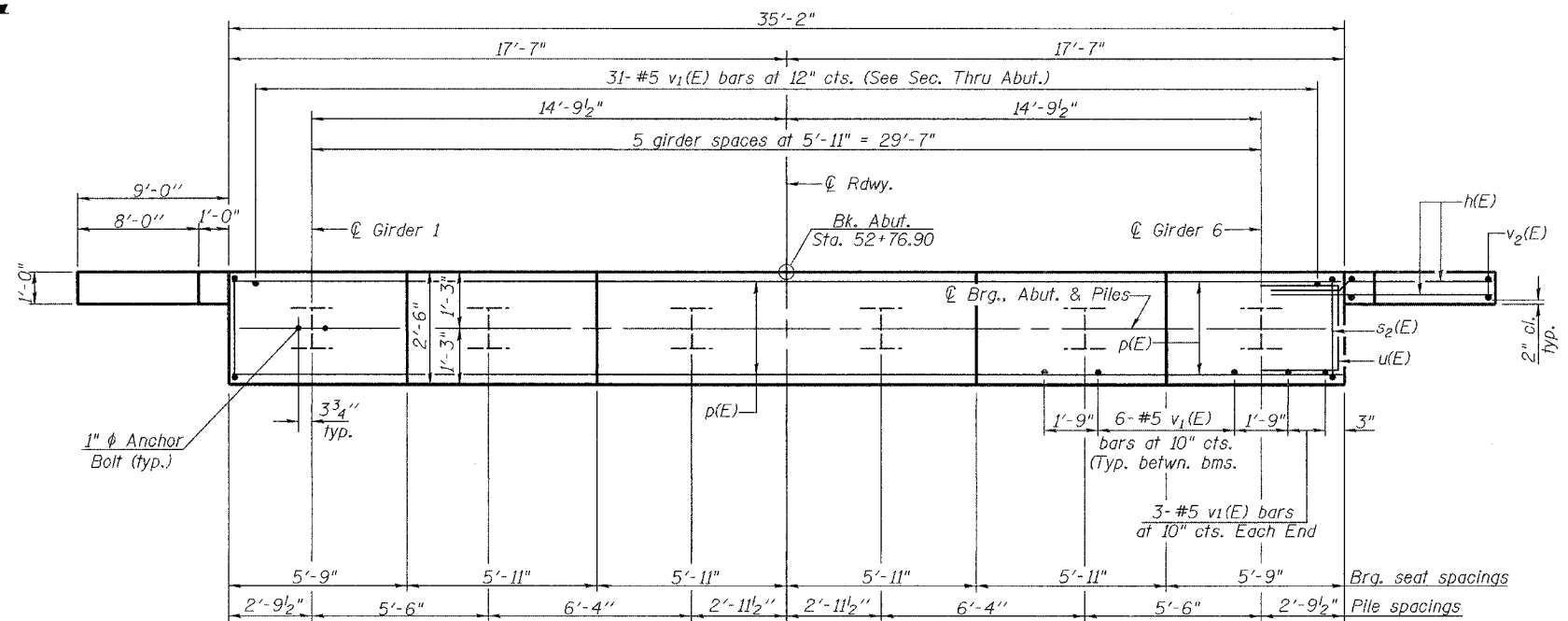
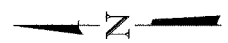
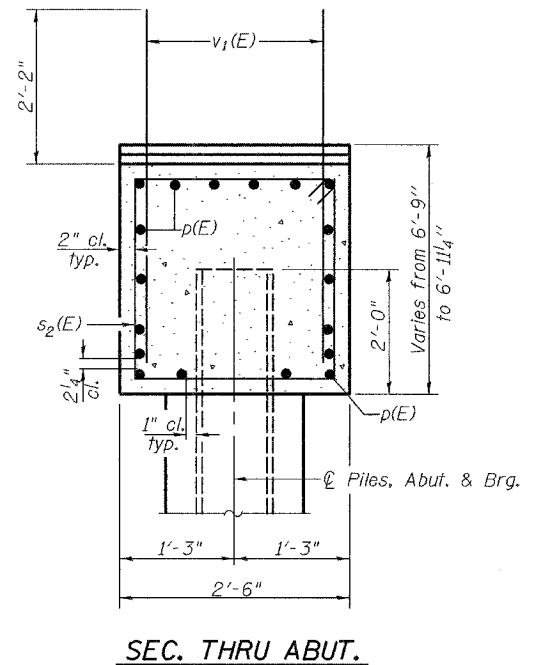
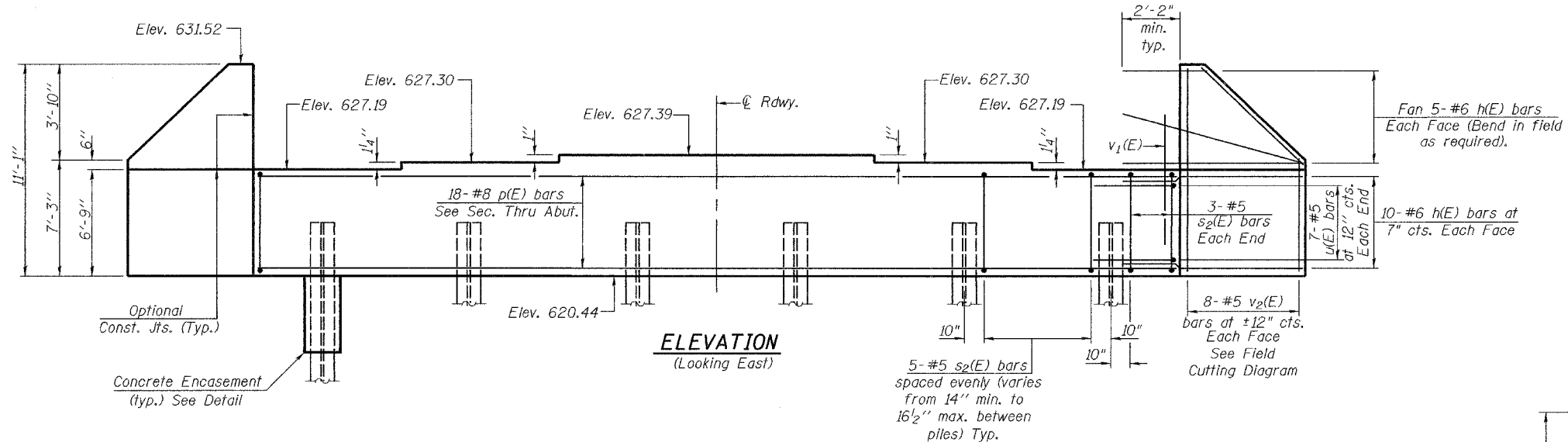
EXAMINED	Thomas J. Domagalaki	September 25 2006
PASSED	Ralph E. Anderson	

WEST ABUTMENT
F.A.I. RT. 80 SEC. 37-1HBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

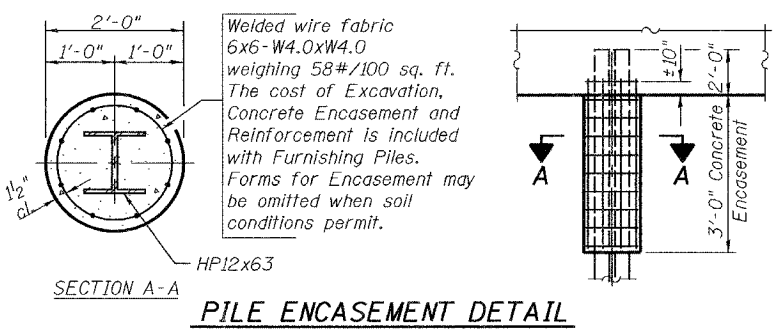
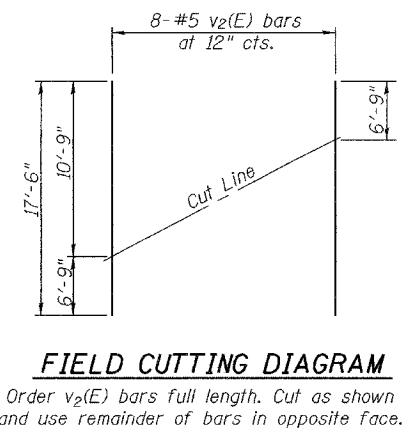
ROUTE NO.	SECTION	COUNTY	STA. RANGES	SHEET NO.	SHEET NO. 13 18 SHEETS
F.A.I. 80	37-IHBR-1	HENRY	133	76	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			
Contract #64602					

Notes:
Pour steps monolithically with cap.
Reinforcement bars designated (E) shall be epoxy coated.
Space reinforcement in cap to miss anchor bolts.
For anchor bolt installation details see sheet 11 of 18.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	60	#6	11'-10"	—
p(E)	18	#8	34'-10"	—
s2(E)	31	#5	17'-11"	U
u(E)	14	#5	7'-2"	□
v1(E)	67	#5	4'-4"	—
v2(E)	16	#5	17'-6"	—
Concrete Structures		Cu. Yd.	28.4	
Reinforcement Bars, Epoxy Coated		Pound	4020	
Furnishing Steel Piles HP12x63		Foot	370	
Driving Piles		Foot	370	
Structure Excavation		Cu. Yd.	87.5	
Test Pile Steel HP 12x63		Each	1	



PILE DATA

Type: Steel HP12x63
Nominal Required Bearing: 450 kips
Factored Resistance Available: 225 kips
Est. Length: 74'
No. of Production Piles: 5
No. of Test Piles: 1

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

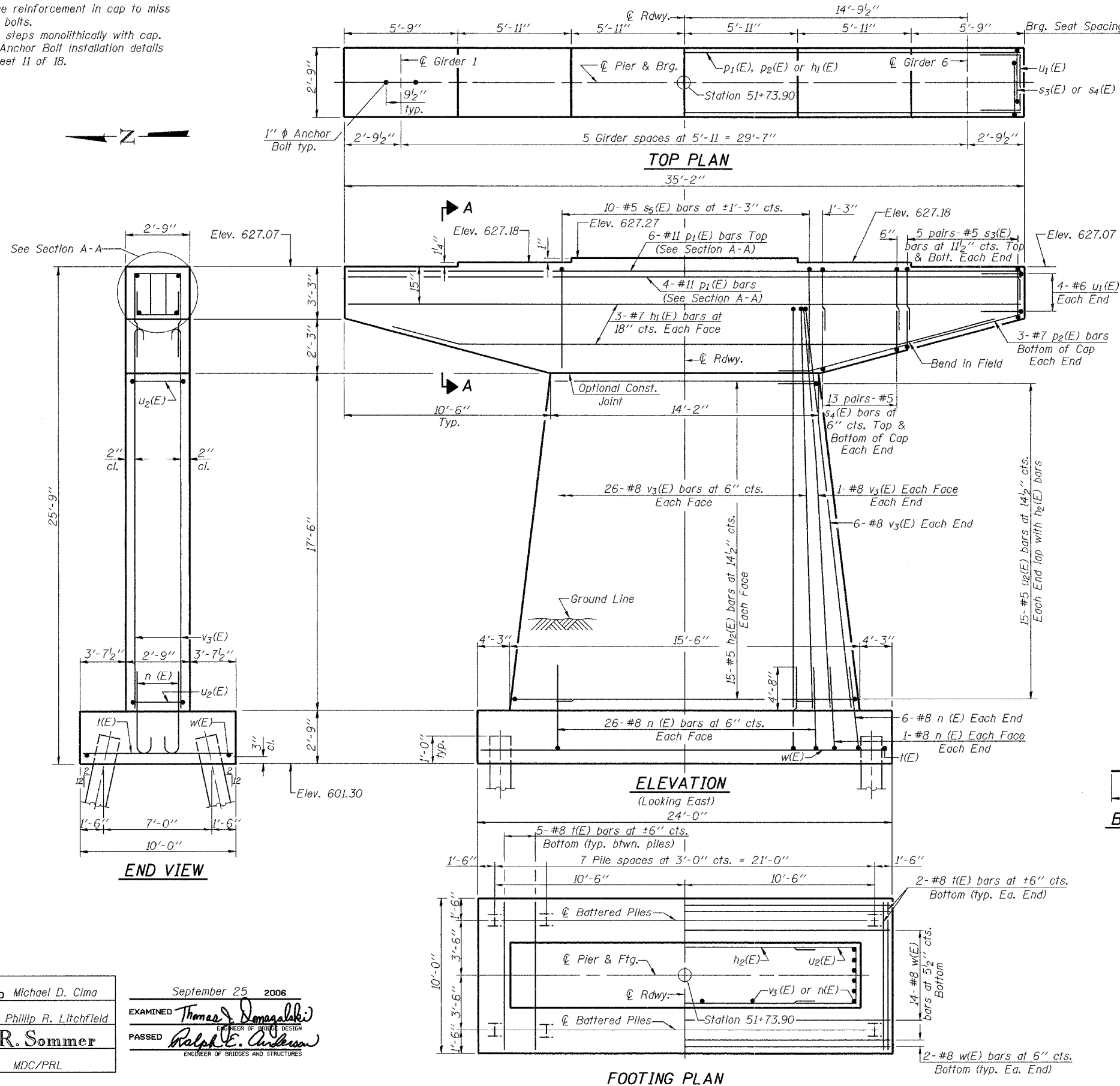
EXAMINED	September 25, 2006
PASSED	Thomas J. Domagalaki Ralph E. Anderson

EAST ABUTMENT
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

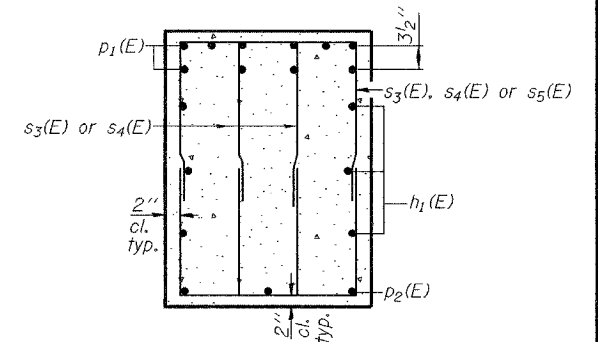
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-IHBR-1	HENRY	133	77
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
Contract #64602				

Notes:
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
For Anchor Bolt installation details See sheet 11 of 18.



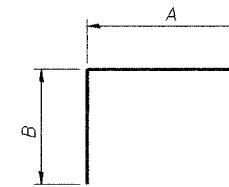
PILE DATA

Type: Steel HP12x63
Nominal Required Bearing: 442.8 kips
Factored Resistance Available: 221.4 kips
Est. Length: 55'
No. of Production Piles: 15
No. of Test Piles: 1



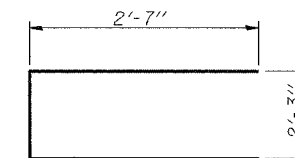
SECTION A-A

BARS s3(E), s4(E) & s5(E)

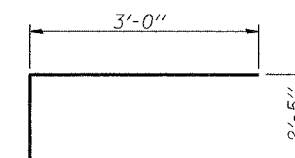


A & B DIMENSIONS

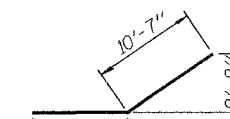
Bar	A	B
S3(E)	1'-5"	3'-0"
S4(E)	1'-5"	3'-8"
S5(E)	2'-4"	5'-2"



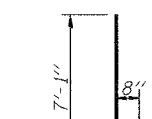
BAR u1(E)



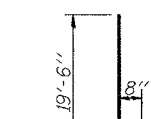
BAR u2(E)



BAR p2(E)



BAR n(E)



BAR v3(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	6	#7	34'-10"	—
h2(E)	30	#5	13'-10"	—
n(E)	68	#8	8'-0"	—
p1(E)	10	#11	34'-10"	—
p2(E)	6	#7	12'-2"	—
s3(E)	40	#5	7'-5"	—
s4(E)	104	#5	8'-9"	—
s5(E)	10	#5	12'-8"	—
t(E)	39	#8	9'-8"	—
u1(E)	8	#6	7'-5"	—
u2(E)	30	#5	8'-5"	—
v3(E)	68	#8	20'-5"	—
w(E)	18	#8	23'-8"	—
Structure Excavation	Cu. Yd.	87.0		
Concrete Structures	Cu. Yd.	68.4		
Reinforcement Bars, Epoxy Coated	Pound	11910		
Furnishing Steel Piles HP12x63	Foot	825		
Driving Piles	Foot	825		
Test Pile Steel HP12x63	Each	1		

Reinforcement Bars designated (E) shall be epoxy coated.

PIER
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

DESIGNED	Michael D. Cima
CHECKED	Phillip R. Litchfield
DRAWN	R. Sommer
CHECKED	MDC/PRL

September 25 2006
EXAMINED *Thomas J. Domagalak*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	POST MILES	SHEET NO.	SHEET NO. 15 18 SHEETS
F.A.I. 80	37-IHBR -1	HENRY	133	76	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #64602

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity = $1.25 \times f_y \times A_T$
(Tension in kips)
- ② Minimum *Pull-out Strength = $1.25 \times f_{s_{allow}} \times A_T$
(Tension in kips)

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 $f_{s_{allow}}$ = Allowable tensile stress in lapped reinforcement bars in ksi (Service Load)
 A_T = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	5.9
#5	2'-0"	23.0	9.2
#6	2'-7"	33.1	13.3
#7	3'-5"	45.1	18.0
#8	4'-6"	58.9	23.6
#9	5'-9"	75.0	30.0
#10	7'-3"	95.0	38.0
#11	9'-0"	117.4	46.8

Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies will be measured and paid for at the contract unit price each for "BAR SPLICERS."

The diameter of this part is the same as the diameter of the bar spliced.

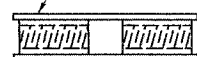
The diameter of this part is equal or larger than the diameter of bar spliced.

ROLLED THREAD DOWEL BAR



****ONE PIECE**

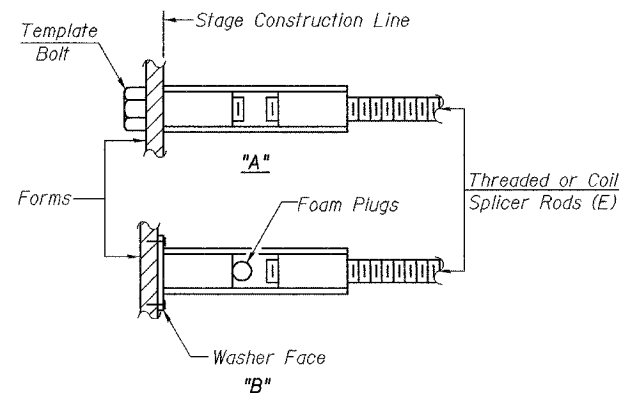
Wire Connector



WELDED SECTIONS

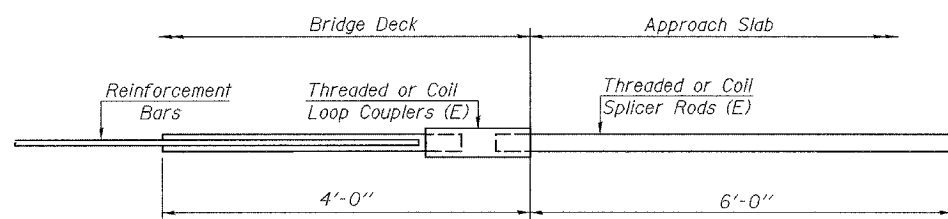
BAR SPLICER ASSEMBLY ALTERNATIVES

**Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



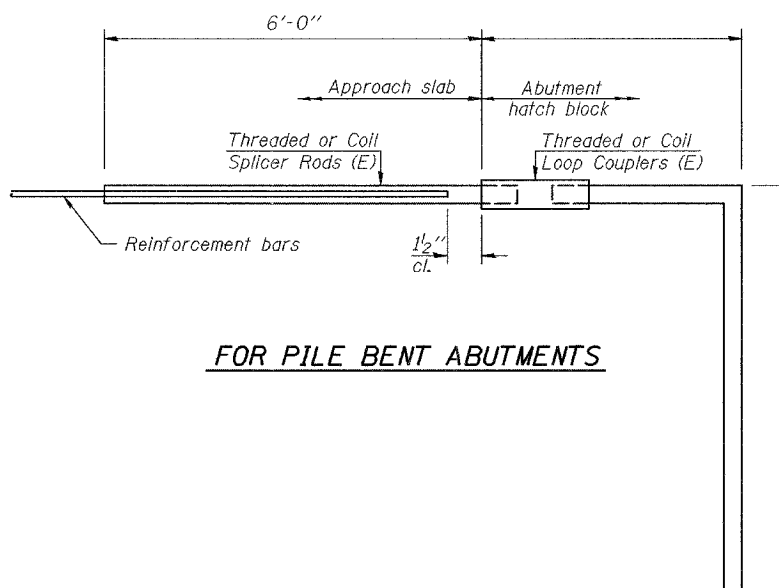
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



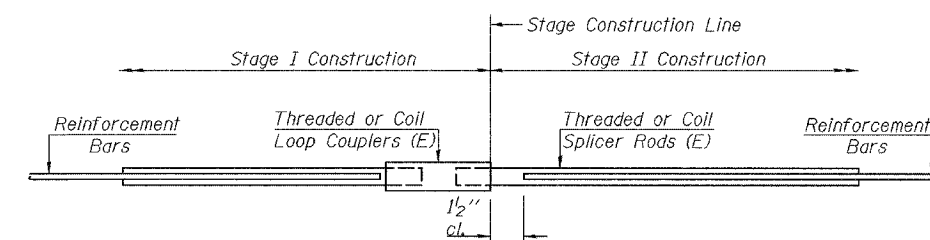
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required = 66



FOR PILE BENT ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required =



STANDARD

Bar Size	No. Assemblies Required	Location

BAR SPLICER ASSEMBLY DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

DESIGNED Michael D. Cima
CHECKED Phillip R. Litchfield
DRAWN R. Sommer
CHECKED MDC/PRL
BSD-1 10-22-04

September 25, 2006
EXAMINED Thomas J. Domagalala
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-IHBR-1	HENRY	133	79
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #64602

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 1 of 2 Date 7/19/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-IHBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 037-0093 Station 51+74.40

BORING NO. B-1 Station 50+00 Offset 26.00ft Rt Ground Surface Elev. 605.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER	TEMPERATURE	REMARKS
0.3	Very Soft light brown, black Clay Loam	P 22	None		
1.4	Stiff black, rusty brown Clay Loam w/Sand lenses	S 22			
1.8	Stiff gray, rusty brown, black Clay Loam	S 43			
2.2	Soft light brown, black Clay Loam w/Sand lenses	S 39			
2.8	Medium fine Sand				
3.2	Medium fine Sand				
3.8	Medium fine Sand				
4.2	Stiff rusty brown Sand w/Clay Loam lenses	P 39			
4.8	Medium light gray, gray Clay Loam	B 39			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 2 of 2 Date 7/19/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-IHBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 037-0093 Station 51+74.40

BORING NO. B-1 Station 50+00 Offset 26.00ft Rt Ground Surface Elev. 605.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER	TEMPERATURE	REMARKS
26	Very Dense clean medium coarse Sand				
24					
38					
29	Very Dense fine Sand & dirty Gravel				
23					
20					
100	Shale with clean Sand & Gravel lenses				
10*					
55	End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 1 of 2 Date 7/13/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-IHBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 037-0093 Station 51+74.40

BORING NO. B-2 Station 50+59 Offset 22.00ft Rt Ground Surface Elev. 607.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER	TEMPERATURE	REMARKS
1.5	Bituminous Surface				
1.8	Stiff black Silty Loam	P 18			
8	Stiff dark brown black Clay Loam w/Sand lenses	S 24			
9					
11					
4	Soft rusty brown, light brown Clay Loam	S 35			
2					
4					
2	Medium rusty brown, light brown Clay Loam w/Sand lenses	S 46			
2					
5					
4	Medium fine Sand				
6					
7					
5	Medium fine Sand				
6					
5					
11	Medium fine Sand				
11					
11					
3	Stiff gray Clay Loam	B 41			
3					
5					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 2 of 2 Date 7/13/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-IHBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 037-0093 Station 51+74.40

BORING NO. B-2 Station 50+59 Offset 22.00ft Rt Ground Surface Elev. 607.79 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	WATER	TEMPERATURE	REMARKS
100	Hard fine Sand & Gravel				
11*					
55	End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

SOIL BORING DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-1HBR-1	HENRY	133	80
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 17
18 SHEETS

Contract #64602

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 1 of 2
Date 7/18/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza
SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM
COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-3
Station 49+40
Offset 22.50ft Lt
Ground Surface Elev. 607.79 ft (ft) (6") (tsf) (%)

Description	D	B	U	M	Surface Water Elev.		D	B	U	M	
					ft	ft					ft
Bituminous Shoulder						None					
Soft black Silty Loam			0.5	21					3	1.6	50
									3		
									586.79		
Stiff gray Sandy Loam			2						3		
			4	1.7	22				7		
			5						4		
									-76		
Medium gray mottled rust Silty Loam			3						3		
			3	0.8	31				5		
			3						6		
Medium rusty Clay Loam			3						1		
			2	0.8	49				9		
			5						14		
									-30		
Medium tan fine Sand			6						2		
			6						4		
			11						12		
Medium same as above			6						5		
			6						6		
			6						13		
									-35		
Medium same as above			6								
			6								
			5								
									-40		
Stiff brown Clay Loam w/Sand lenses			3						10		
			3	1.1	49				13		
			5						19		
									-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 2 of 2
Date 7/18/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza
SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM
COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-3
Station 49+40
Offset 22.50ft Lt
Ground Surface Elev. 607.79 ft (ft) (6") (tsf) (%)

Description	D	B	U	M	Surface Water Elev.		D	B	U	M	
					ft	ft					ft
Dense Sand & Gravel											
									38		
									32		
									15		
									-45		
Very Dense Sand & Gravel									33		
									31		
									40		
									-50		
End of Boring									-60		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 1 of 2
Date 7/18/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza
SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM
COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-4
Station 48+72
Offset 11.00ft Rt
Ground Surface Elev. 627.89 ft (ft) (6") (tsf) (%)

Description	D	B	U	M	Surface Water Elev.		D	B	U	M	
					ft	ft					ft
Bituminous Surface						None					
Very Soft black, brown Clay Loam w/Sand lenses			0.2	18					5	0.5	20
									5		
									605.89		
Stiff green, olive green Clay Loam w/Sand lenses			5						3		
			7	1.3	22				6		
			8						9		
									603.39		
Medium fine Sand			8						6		
			10						5	1.6	32
			10						3		
Medium fine Sand w/Clay lenses			9						2		
			11						4	1.3	46
			13						6		
									598.89		
Medium same as above			9						5		
			11						4		
			9						6		
									615.89		
Stiff olive green, gray Clay Loam w/Sand lenses			5						1		
			5	2.0	23				2		
			11						6		
									-35		
Stiff rusty brown, Clay Loam w/Sand lenses			5						4		
			6	1.8	29				3		
			9						7		
									610.89		
Medium fine Sand			9						3		
			11						6		
			14						7		
									608.39		
									-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 2 of 2
Date 7/18/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza
SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM
COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-4
Station 48+72
Offset 11.00ft Rt
Ground Surface Elev. 627.89 ft (ft) (6") (tsf) (%)

Description	D	B	U	M	Surface Water Elev.		D	B	U	M	
					ft	ft					ft
Medium fine Sand			9								
			12							16	
			14							40	
									563.89		
End of Boring									-65		
First Encountered Dense fine Sand			3								
			4								
			20							-70	
									-50		
Medium dirty Sand & Gravel			1								
			0								
			10							-75	
									-55		
									-80		
									-80		

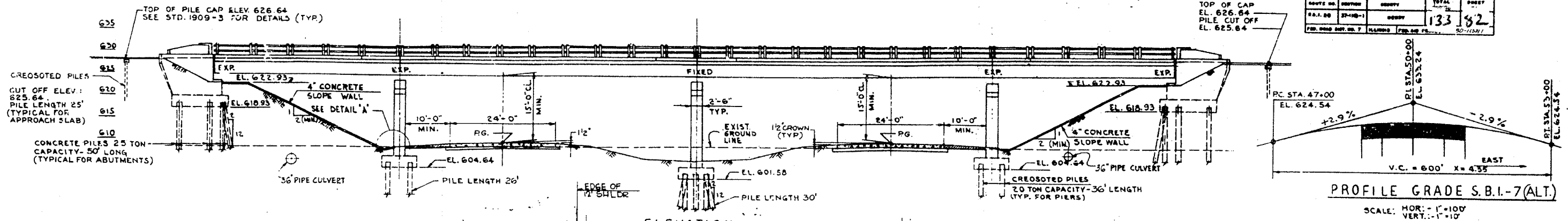
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

SOIL BORING DETAILS
F.A.I. RT. 80 SEC. 37-1HBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

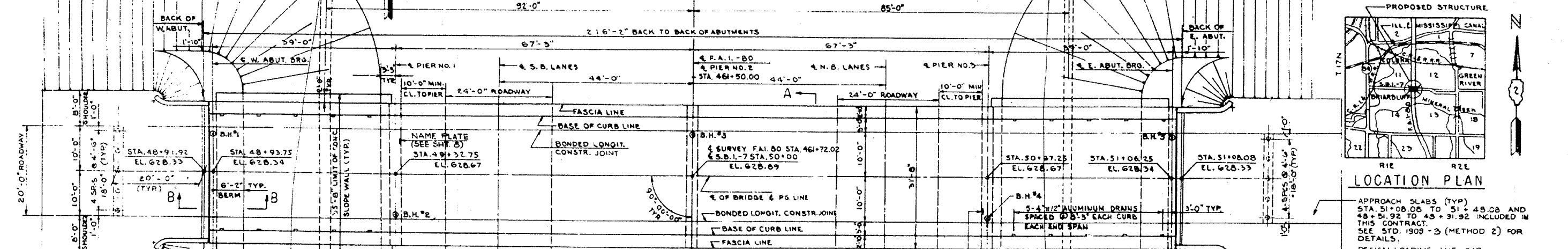
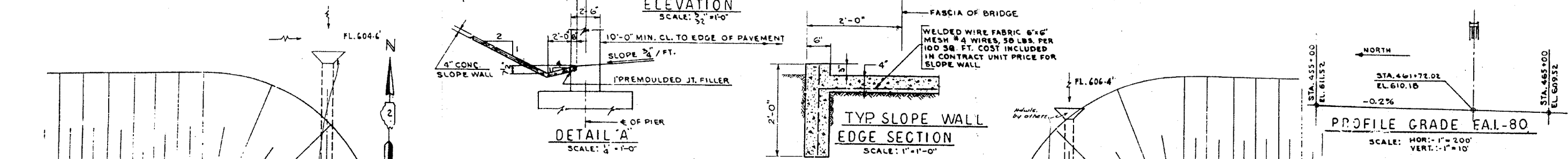
B.M. - R.R. SPIKE IN POWER POLE
173' LT F.A.I. 80 STA. 461+25 EL. 609.00

NOTE: PRECORE HOLES IN EMBANKMENTS
FOR CONCRETE PILES IN ABUTMENTS

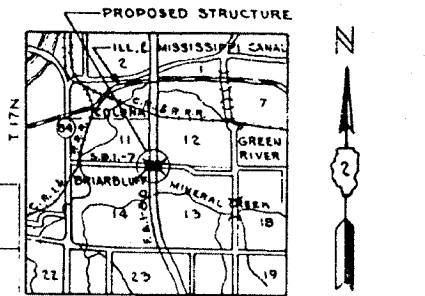
ROUTE NO.	SECTION	SHEET	TOTAL SHEETS
F.A.I. 80	37-11B-1	133	132
DESIGN NO.	DATE		
30-1521	7-15-51		



PROFILE GRADE S.B.I.-7(ALT.)
SCALE: HOR.-1"=100'
VERT.-1"=10'



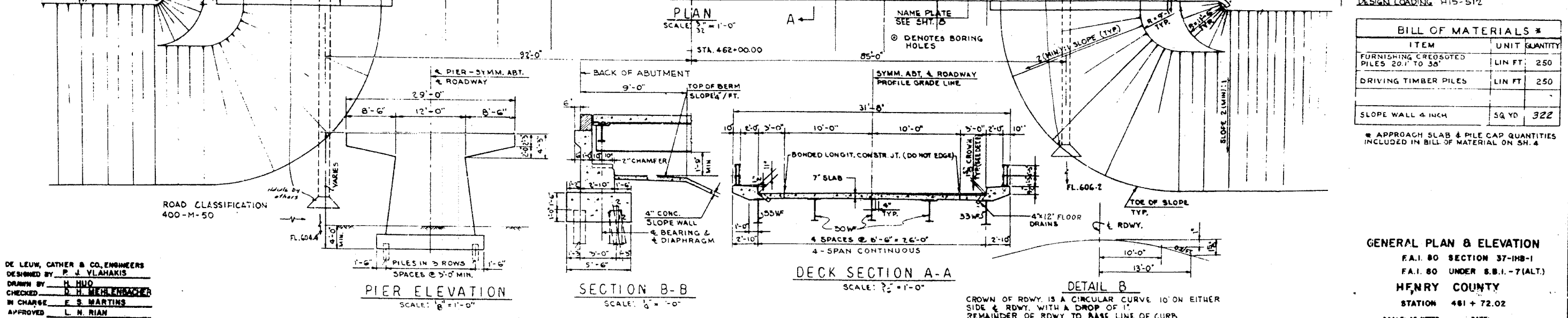
PROFILE GRADE F.A.I.-80
SCALE: HOR.-1"=200'
VERT.-1"=10'



PROPOSED STRUCTURE
ILL. MISSISSIPPI CANAL
GREEN RIVER
MINERAL GREEN
R1E R2E
LOCATION PLAN
APPROACH SLABS (TYP.)
STA. 51+08.08 TO 51+48.08 AND
48+54.92 TO 48+31.92 INCLUDED IN
THIS CONTRACT.
SEE STD. 1909-3 (METHOD 2) FOR
DETAILS.
DESIGN LOADING H15-S12

BILL OF MATERIALS *		
ITEM	UNIT	QUANTITY
FURNISHING CREOSOTED PILES 20" TO 36"	LIN FT.	250
DRIVING TIMBER PILES	LIN FT.	250
SLOPE WALL 4 INCH	SQ YD	322

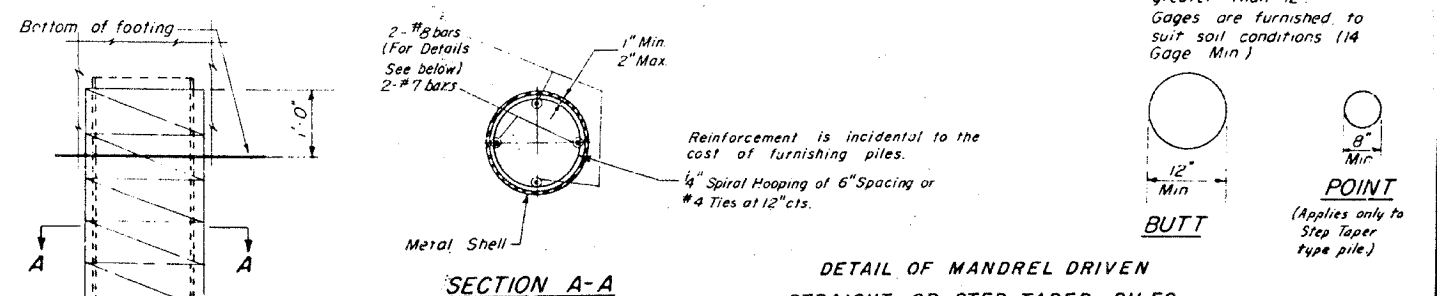
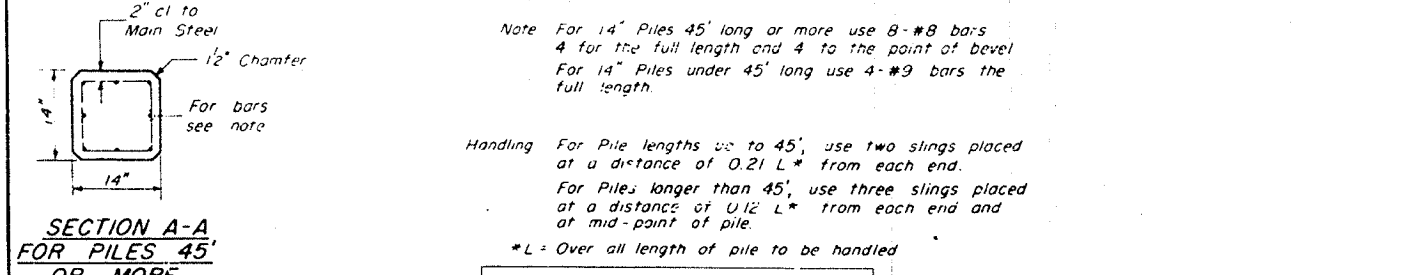
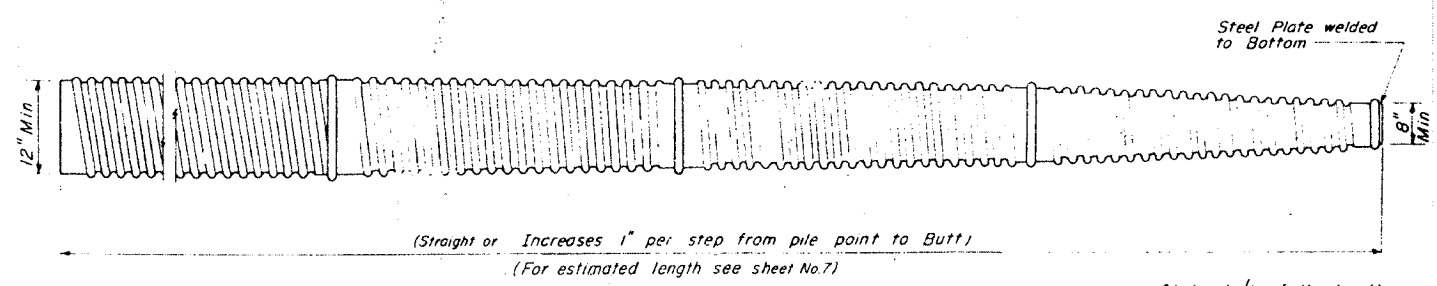
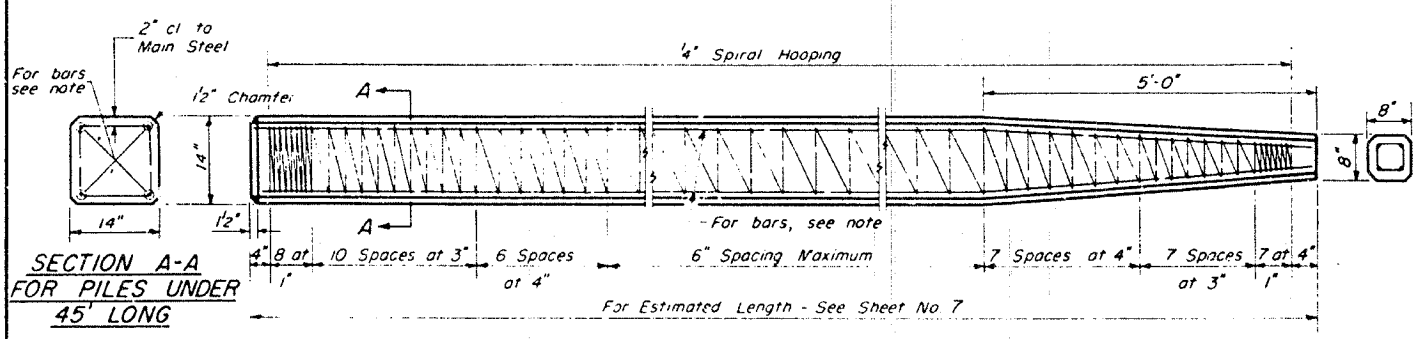
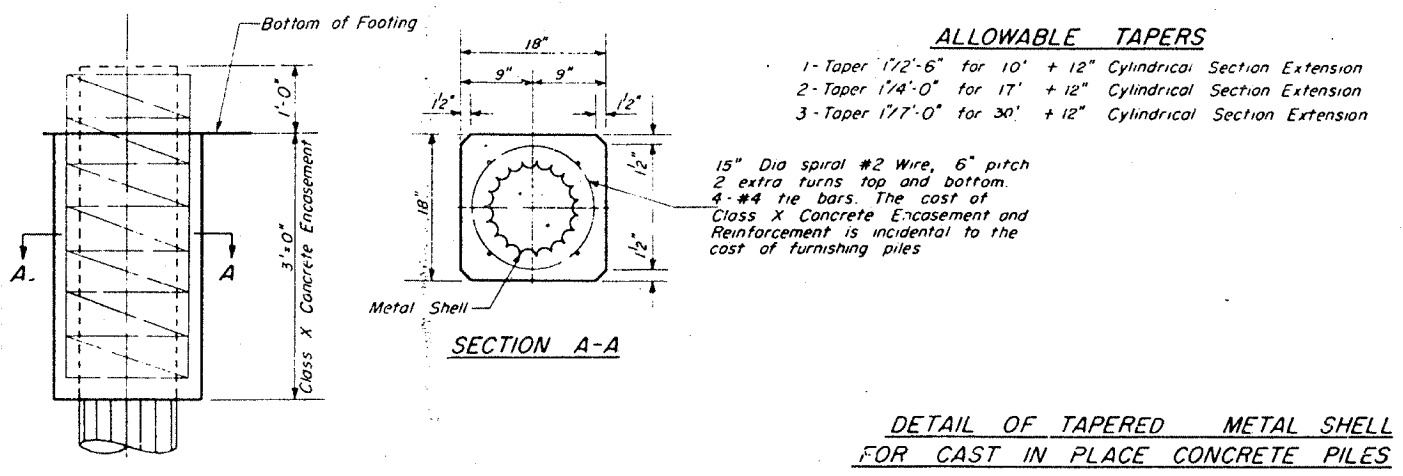
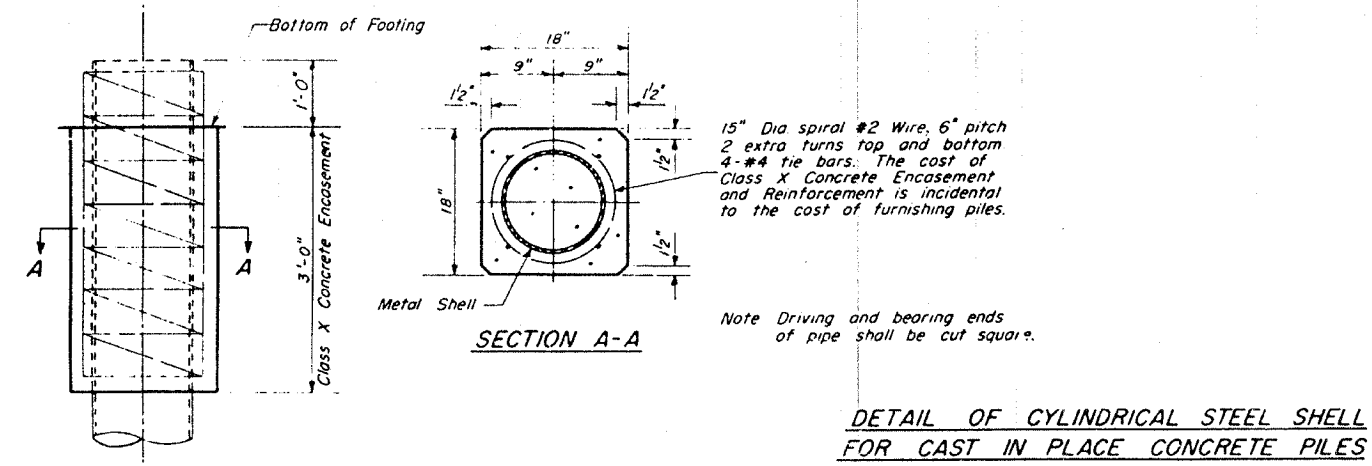
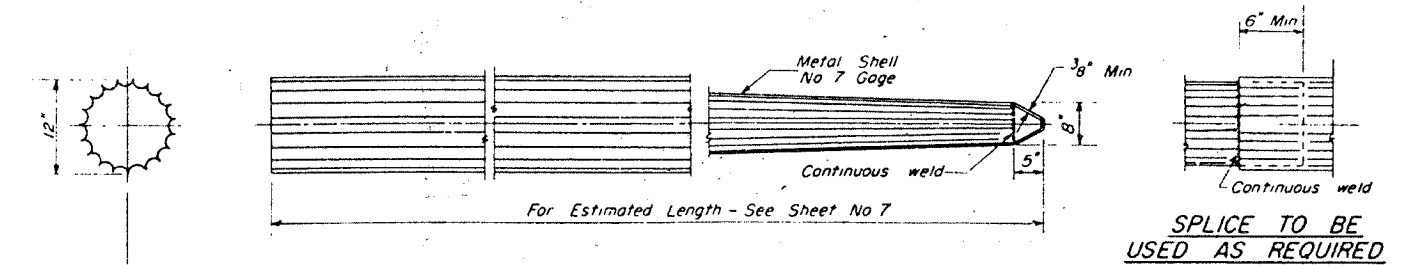
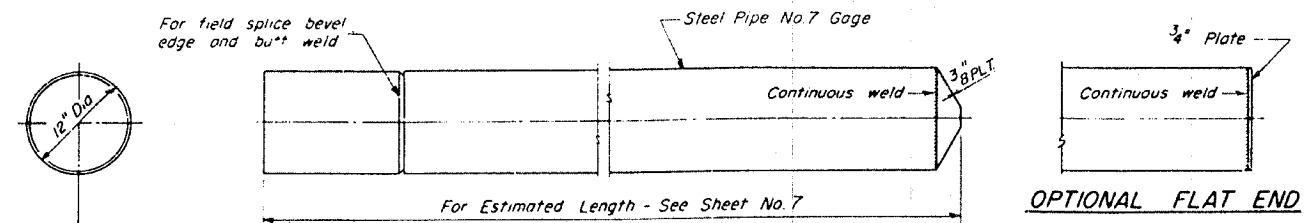
* APPROACH SLAB & PILE CAP QUANTITIES
INCLUDED IN BILL OF MATERIAL ON SH. 4



GENERAL PLAN & ELEVATION
F.A.I. 80 SECTION 37-11B-1
F.A.I. 80 UNDER S.B.I.-7(ALT.)
HENRY COUNTY
STATION 461 + 72.02
SCALE: AS NOTED DATE:

DE LEUW, CATHY & CO. ENGINEERS
DESIGNED BY P. J. VLAMAKIS
DRAWN BY H. HUD
CHECKED D. H. MEHLER
IN CHARGE F. S. MARTINS
APPROVED L. N. RIAN

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-IHB-1	HENRY	133	83
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJ. NO.	



STATION 461 + 72.02
BUILT 196 BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. 37-IHB-1
F.A. PROJ. I-80-1(53)
LOADING H15 - S12

DE LEUW, CATHAR & CO., ENGINEERS
DESIGNED BY STD
DRAWN BY STD
CHECKED BY STD
IN CHARGE E. S. MARTINS
APPROVED L. N. RIAN

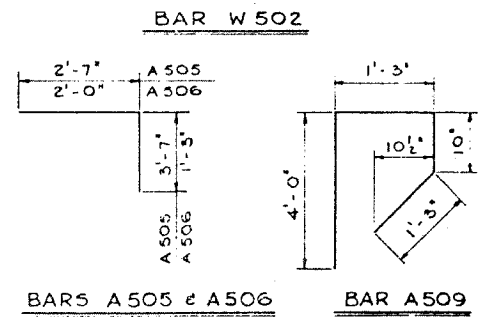
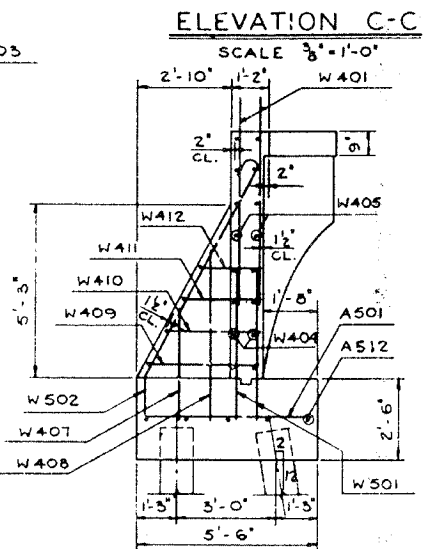
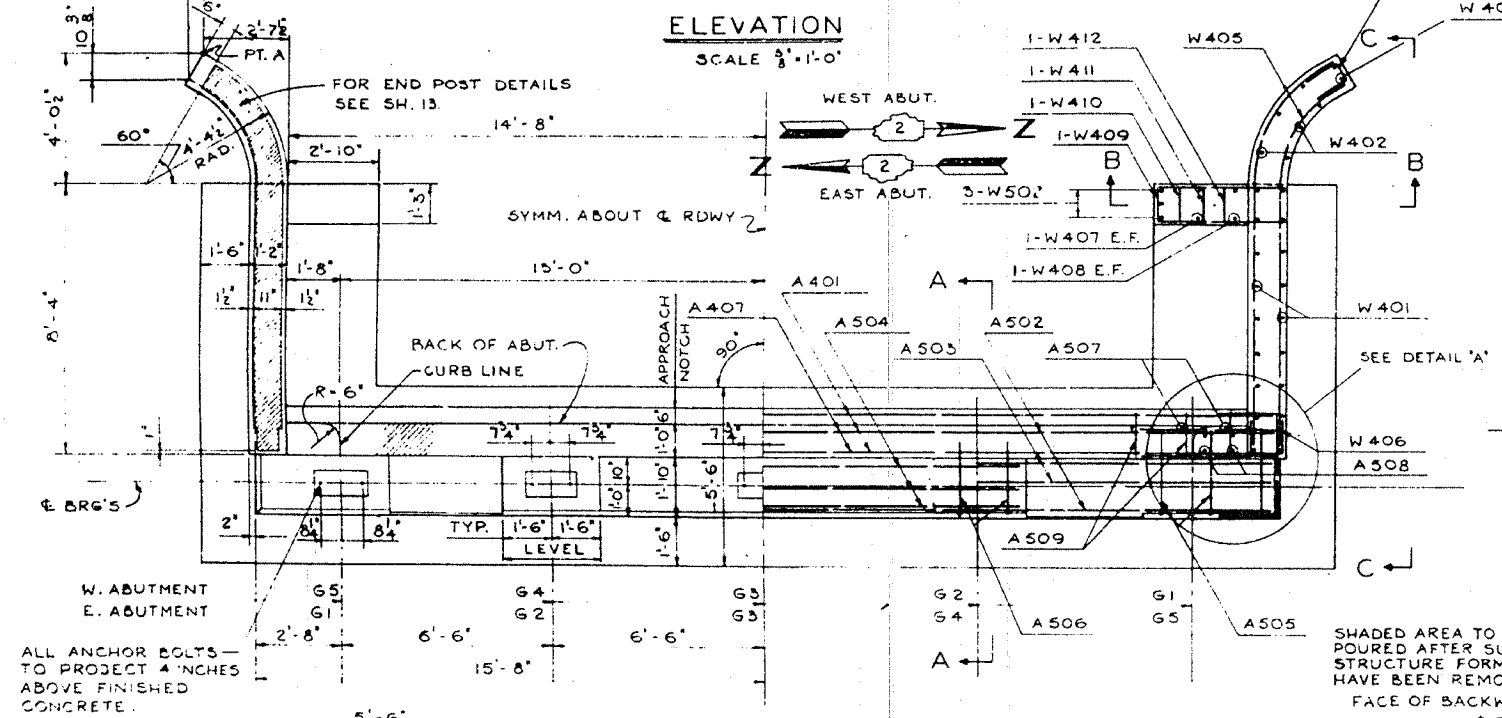
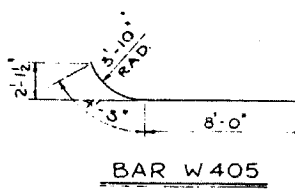
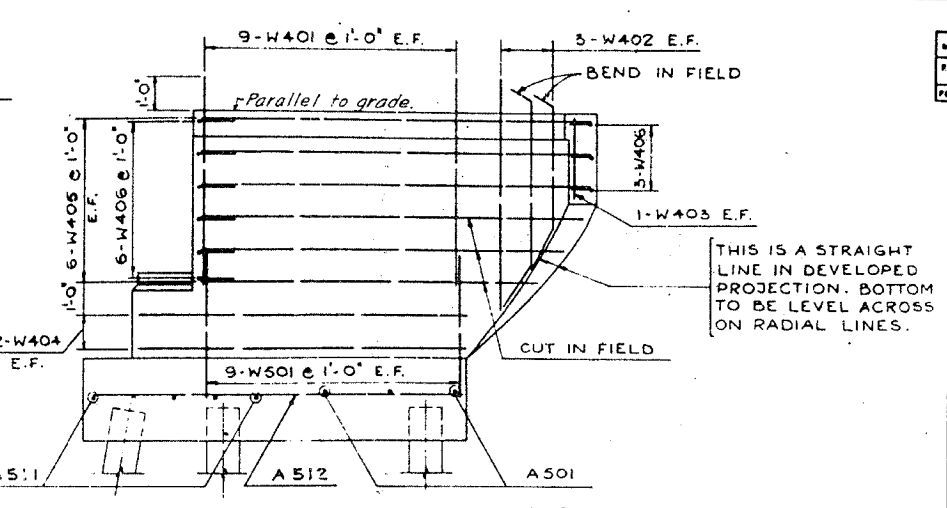
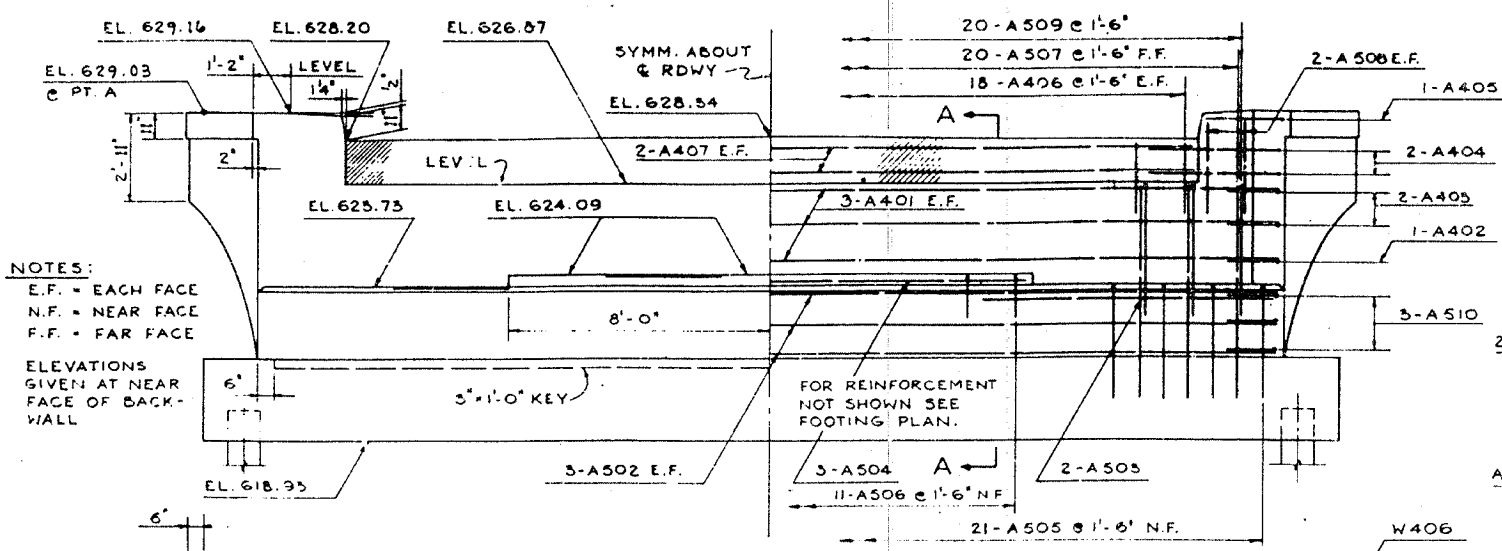
LETTERING FOR NAME PLATES
STANDARD 2113

DETAIL OF PRECAST CONCRETE PILES

PILE DETAILS
F.A.I. 80 SECTION 37-IHB-1
F.A.I. 80 UNDER S.B.I.-7 (ALT.)
HENRY COUNTY
STATION 461 + 72.02
SCALE: AS NOTED DATE:

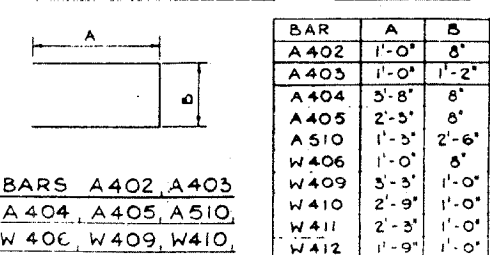
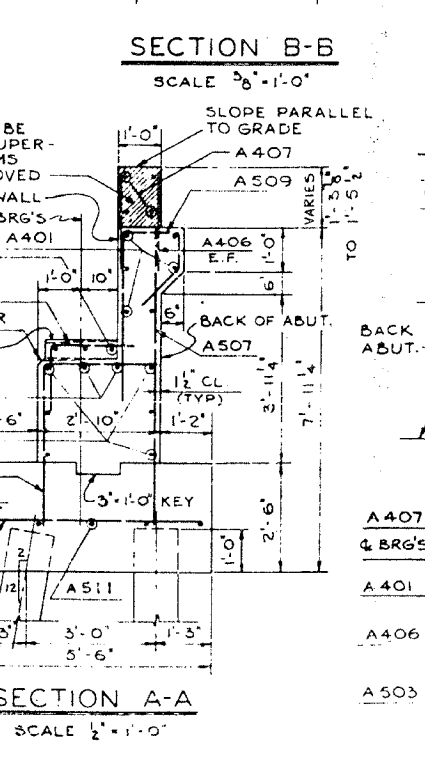
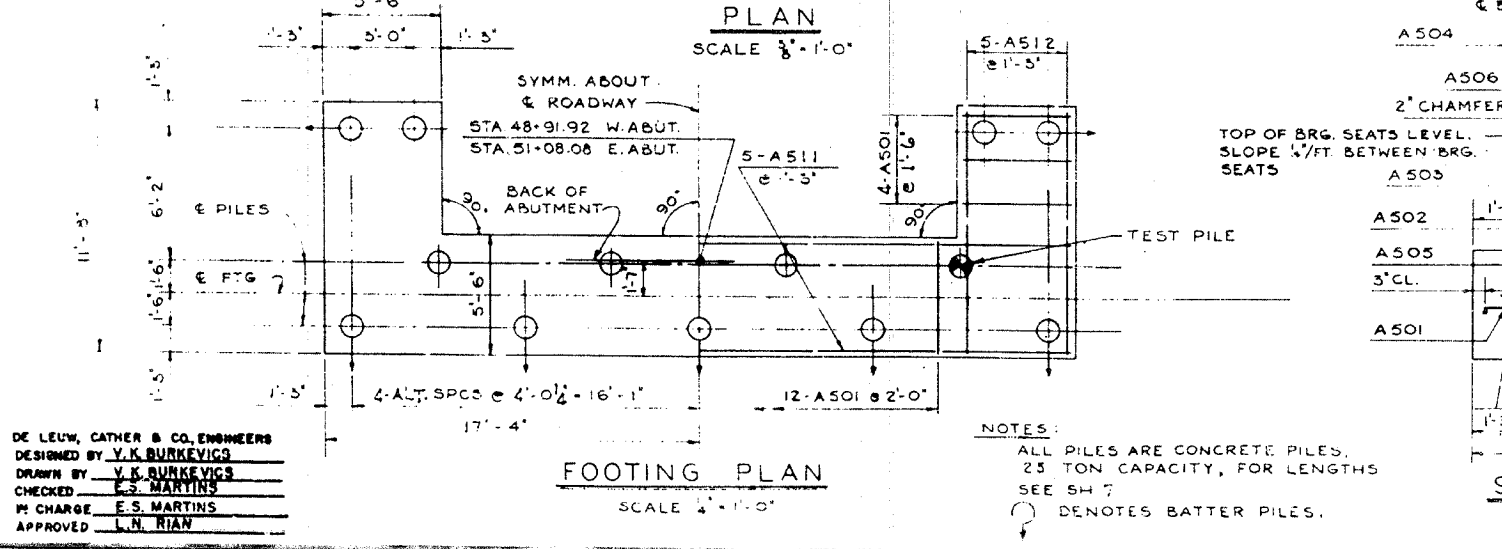


ROUTE NO.	SECTION	WORK	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-100-1	DEBY	133	84
DES. DIV. NO.	ILLINOIS	FEB. 20 1912		



BAR	A	B
A402	1'-0"	8"
A403	1'-0"	1'-2"
A404	3'-8"	8"
A405	2'-5"	8"
A510	1'-5"	2'-6"
W406	1'-0"	8"
W409	3'-3"	1'-0"
W410	2'-9"	1'-0"
W411	2'-3"	1'-0"
W412	1'-9"	1'-0"

BAR LIST - 2 ABUTMENTS					
BAR	NUMBER	SIZE	LENGTH	SHAPE	WEIGHT
A401	12	#4	31'-0"		248
A402	4	#4	2'-8"		7
A403	8	#4	3'-2"		17
A404	8	#4	8'-0"		43
A405	4	#4	5'-2"		14
A406	72	#4	2'-6"		120
A407	8	#4	25'-9"		138
A501	40	#5	5'-0"		209
A502	12	#5	31'-0"		388
A503	8	#5	9'-0"		75
A504	6	#5	15'-6"		97
A505	42	#5	6'-2"		270
A506	22	#5	3'-3"		75
A507	40	#5	6'-9"		282
A508	16	#5	5'-5"		57
A509	40	#5	7'-4"		306
A510	12	#5	5'-0"		63
A511	10	#5	34'-2"		356
A512	20	#5	11'-2"		233
W401	72	#4	6'-5"		309
W402	24	#4	7'-2"		115
W403	8	#4	2'-6"		13
W404	16	#4	10'-0"		107
W405	48	#4	12'-3"		393
W406	36	#4	2'-8"		64
W407	8	#4	3'-3"		17
W408	8	#4	5'-3"		28
W409	4	#4	7'-6"		20
W410	4	#4	6'-6"		17
W411	4	#4	5'-6"		15
W412	4	#4	4'-6"		12
W501	72	#5	4'-9"		357
W502	12	#5	9'-7"		120
TOTAL					4585



NOTES: ALL BAR DIMENSIONS ARE OUT TO OUT. ALL BAR MARKS ARE TO BE PREFIXED FOR SHIPMENT WITH LETTER 'W' FOR WEST ABUTMENT AND LETTER 'E' FOR EAST ABUTMENT. FOR EXAMPLE: WA401, EW406. USE HALF OF THE NUMBER GIVEN IN BAR LIST FOR EACH ABUTMENT.

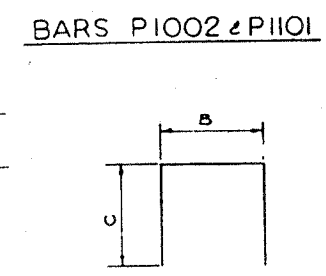
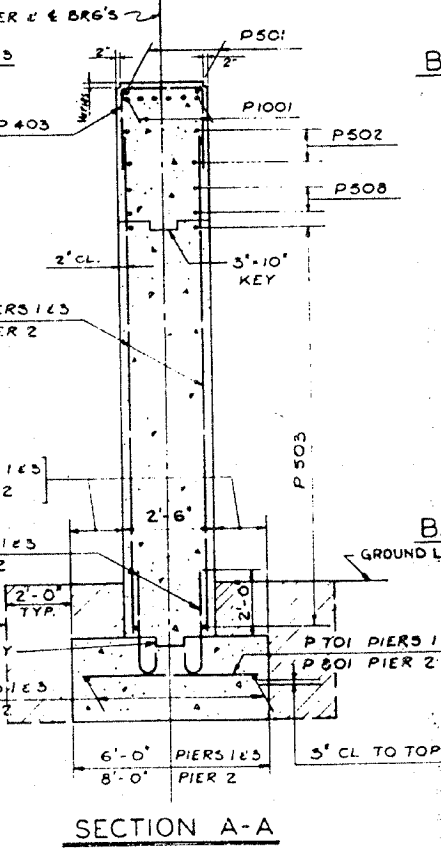
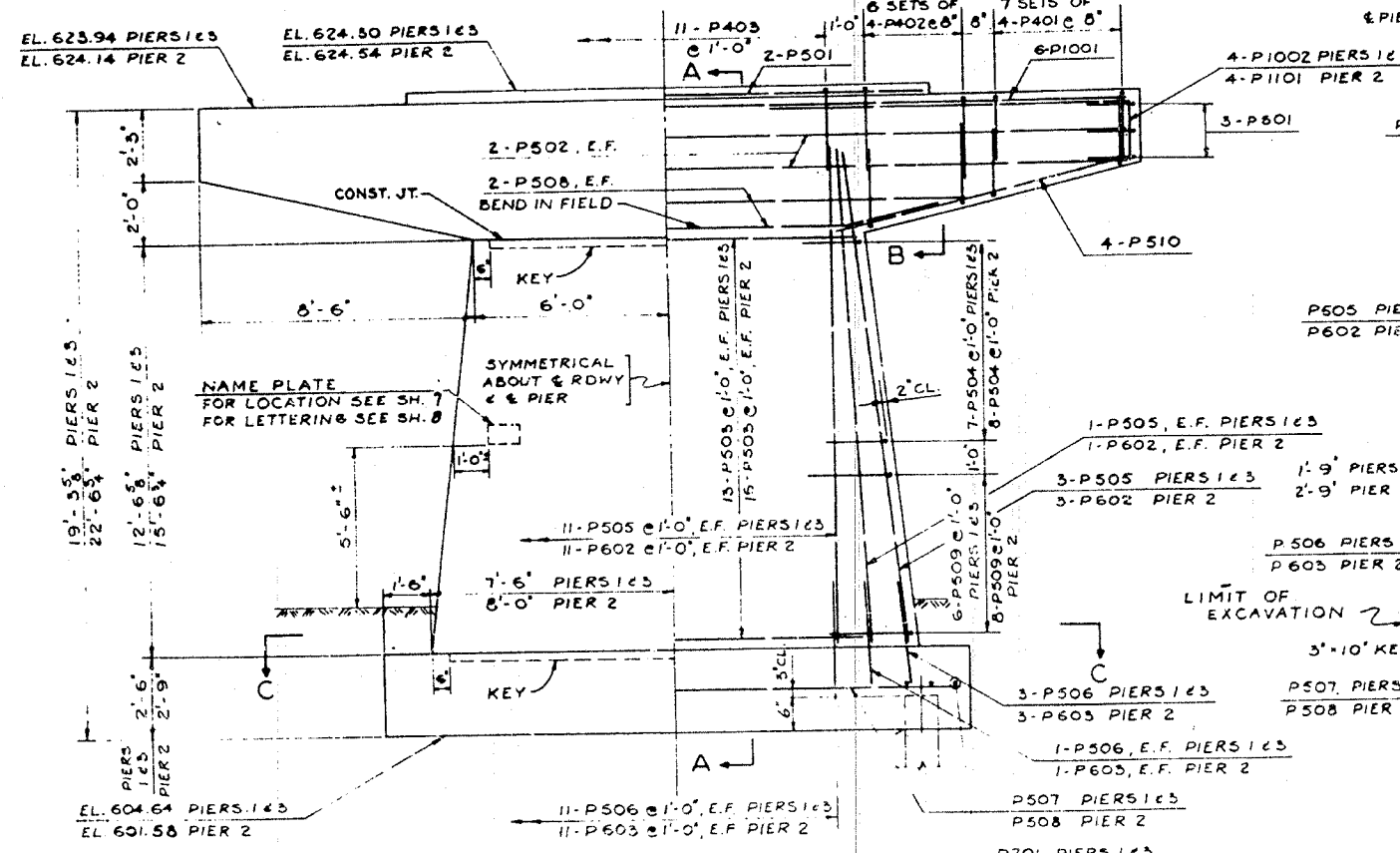
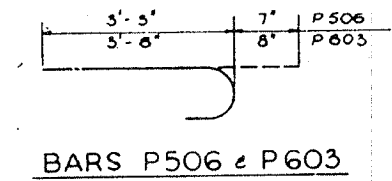
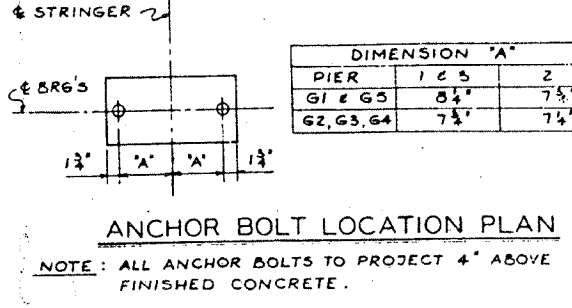
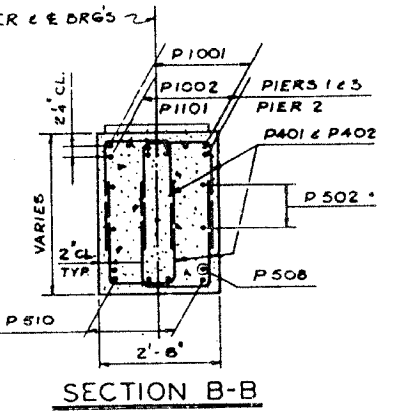
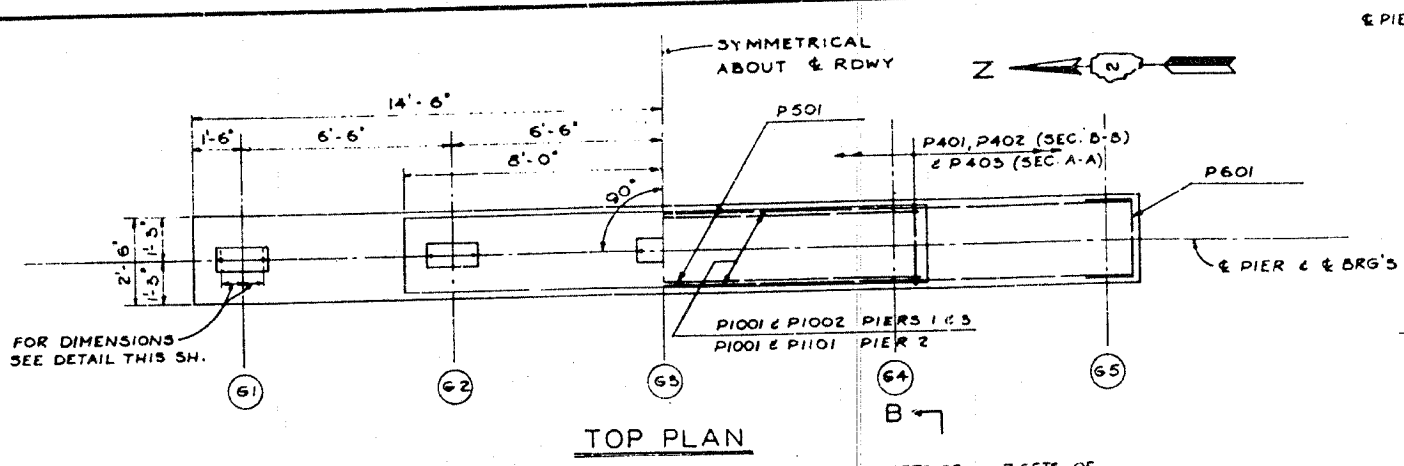
BILL OF MATERIAL - 2 ABUT'S		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU YD	90.8
REINFORCEMENT BARS	POUND	4,585
DRIVING CONCRETE PILES	LIN FT	1,200
FURNISHING CONCRETE PILES	LIN FT	1,200
TEST PILE CONCRETE	EACH	2

ABUTMENT DETAILS
F.A.I. 80 SECTION 37-100-1
F.A.I. 80 UNDER S.B.L-7 (ALT.)
HENRY COUNTY
STATION 461+72.02
SCALE: AS NOTED DATE:

DE LEUW, CATHY & CO. ENGINEERS
DESIGNED BY V.K. BURKEVICS
DRAWN BY V.K. BURKEVICS
CHECKED E.S. MARTINS
IN CHARGE E.S. MARTINS
APPROVED L.N. RIAN

ROUTE NO.	SECTION	SHEET	TOTAL SHEETS
F.A.I. 80	37-00-1	0007	133
FED. ROAD DIST. NO.			ILLINOIS (REG. NO. 72)

DIMENSION 'A'			
PIER	1 & 3	2	
G1 & G5	8 1/2'	7 1/2'	
G2, G3, G4	7 1/2'	7 1/2'	



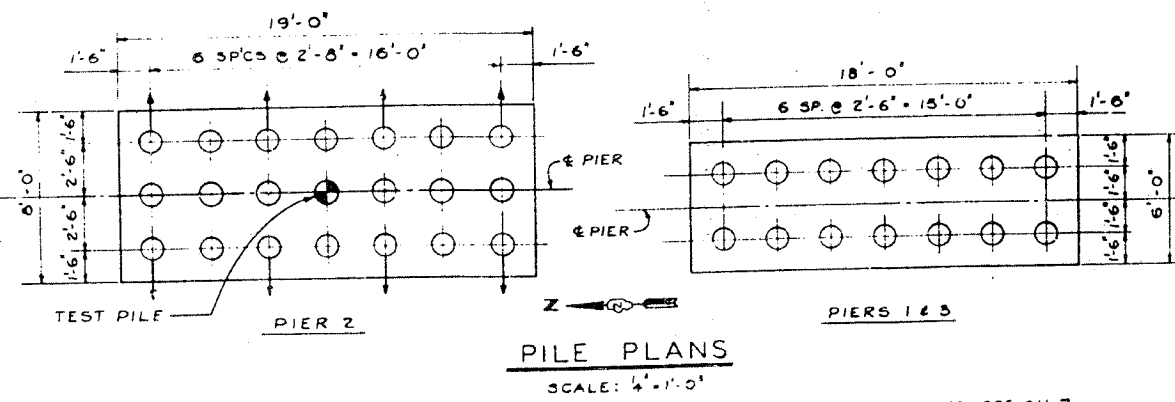
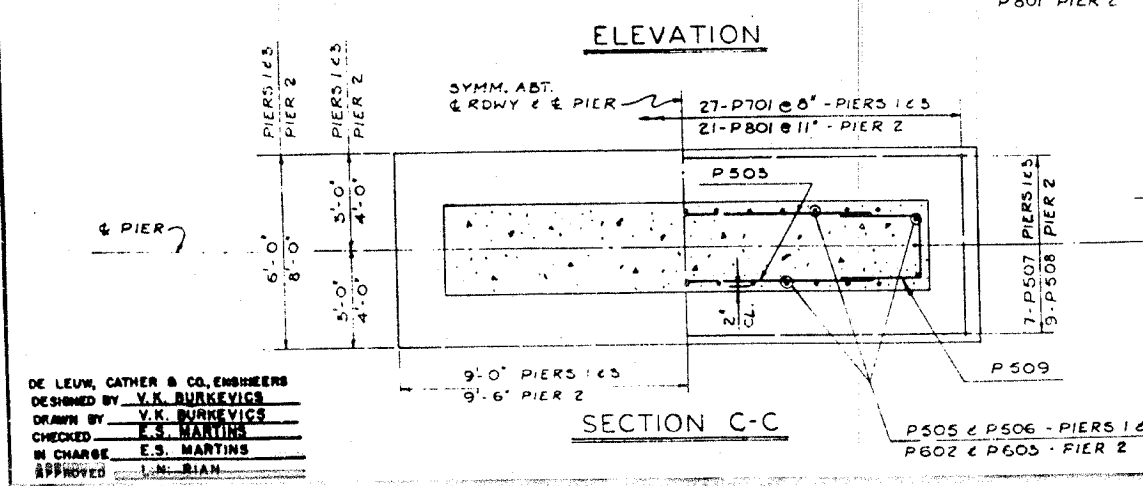
BAR	DIM. B	DIM. C
P401	1'-5"	2'-0"
P402	1'-3"	2'-8"
P403	2'-2"	2'-8"
P504	2'-0"	2'-3 1/2"
P509	2'-0"	3'-3 1/2"
P601	2'-2"	1'-6"

BARS P401, P402, P403, P504, P509 & P601

BAR LIST - 3 PIERS							
BAR	# NUMBER			SIZE	LENGTH	SHAPE	WEIGHT
	PIERS 1&3	PIER 2	TOTAL				
P401	112	56	168	4	5'-5"	U	608
P402	96	48	144	4	6'-9"	U	649
P403	22	11	33	4	7'-8"	U	163
P501	4	2	6	5	15'-9"	—	99
P502	8	4	12	1	28'-6"	—	357
P503	52	32	84	1	11'-6"	—	1,008
P504	28	18	44	1	8'-7"	U	302
P505	64	—	64	1	15'-6"	—	1,055
P506	64	—	64	1	3'-10"	U	256
P507	14	—	14	1	17'-6"	—	256
P508	8	15	21	1	18'-6"	—	405
P509	24	16	40	1	8'-7"	U	358
P510	15	8	24	5	9'-0"	—	225
P601	12	6	18	6	5'-2"	U	140
P602	—	52	32	6	18'-6"	—	889
P603	—	52	32	6	4'-2"	U	200
P701	54	—	54	7	5'-6"	—	607
P801	—	21	21	8	7'-6"	—	421
P1001	12	6	18	10	28'-6"	—	2,207
P1002	16	—	16	10	15'-3"	—	912
P1101	—	8	8	11	15'-6"	—	574
TOTAL:							11,673

NOTE: ALL BAR MARKS ARE TO BE PREFIXED FOR SHIPMENT WITH THE NUMBER OF THE PIER WHERE THE BARS WILL BE USED. FOR EXAMPLE: 3P401 MEANS BARS P401 FOR PIERS 1 & 3. * USE HALF OF THE NUMBER OF BARS FOR PIERS 1 & 3 IN EACH PIER.

BILL OF MATERIAL - 3 PIERS		
ITEM	UNIT	QUANTITY
CLASS A EXCAVATION FOR STRUCTURES	CU YD	106
CLASS A CONCRETE	CU YD	116.8
REINFORCEMENT BARS	POUND	11,673
FURNISHING CREOSOTED PILES 20 TON CAPACITY	LIN FT	1,468
TEST PILE TIMBER	EACH	1
DRIVING TIMBER PILES	LIN FT	1,468
NAME PLATES	EACH	2

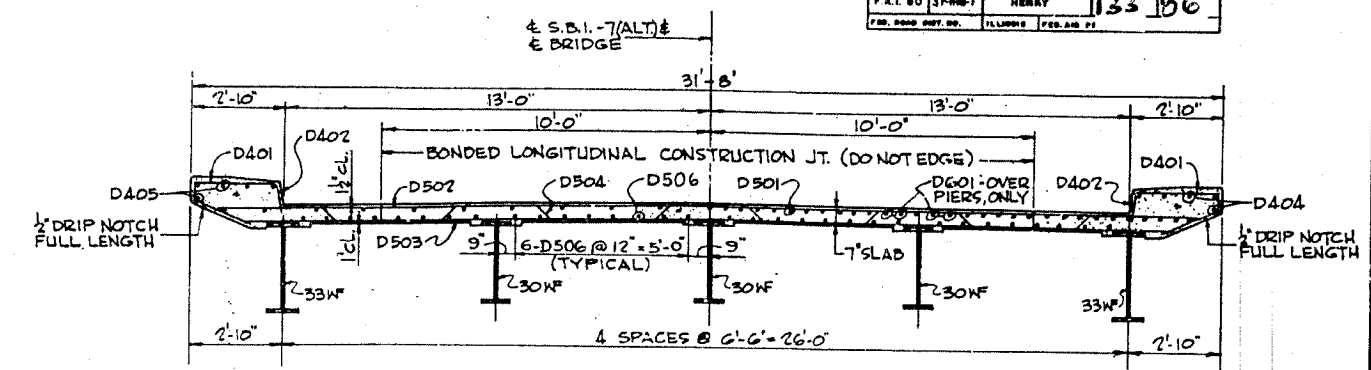
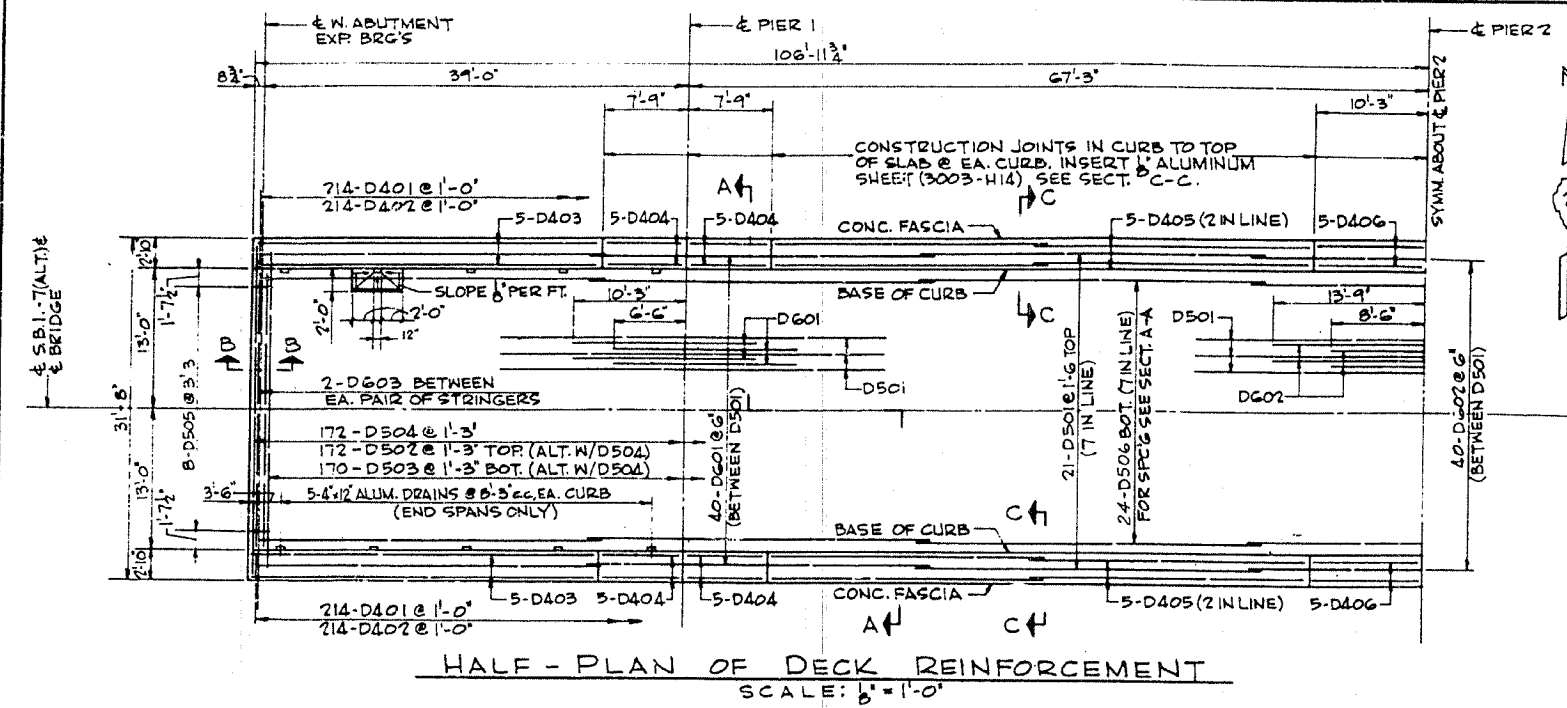


NOTES: ALL PILES ARE CREOSOTED PILES, 20 TON CAPACITY. FOR LENGTHS SEE SH. 7. O DENOTES BATTER PILES, BATTER = 2:12.

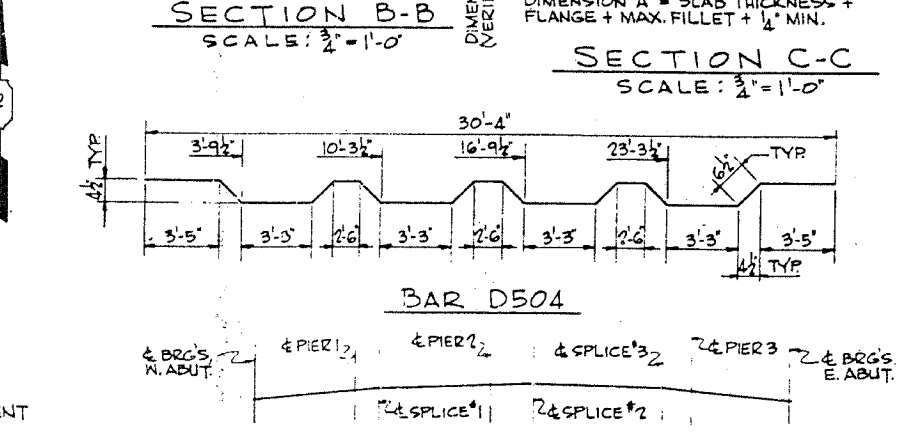
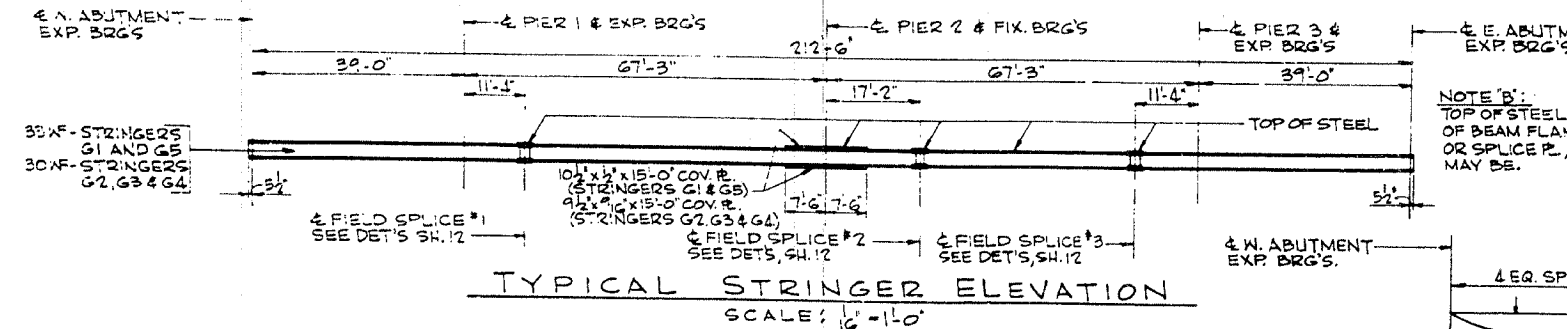
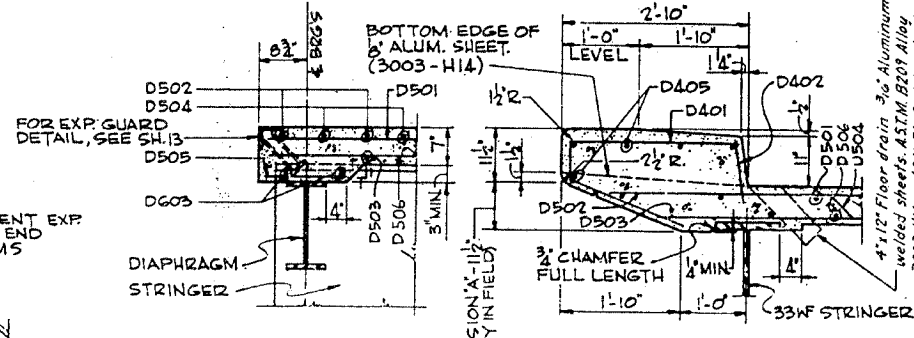
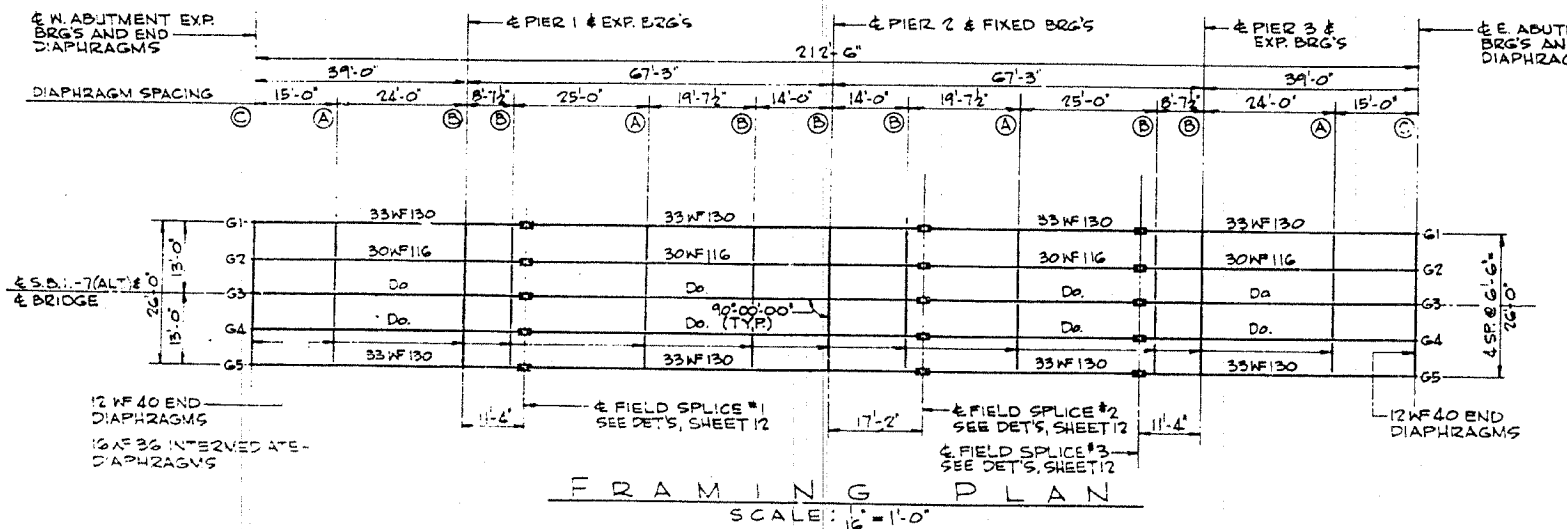
DE LEUM, CATHER & CO. ENGINEERS
 DESIGNED BY V.K. BURKEVICS
 DRAWN BY V.K. BURKEVICS
 CHECKED E.S. MARTINS
 IN CHARGE E.S. MARTINS
 APPROVED L.M. BIAN

PIER DETAILS
 F.A.I. 80 SECTION 37-1HB-1
 F.A.I. 80 UNDER S.B.L.-7 (ALT.)
 HENRY COUNTY
 STATION 481+72.02
 SCALE: AS NOTED DATE:

ROUTE NO.	SECTION	QUANTITY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-1HB-1	HENRY	133	96
FOR ROAD DIST. NO. ILLINOIS FEB. 28 21				

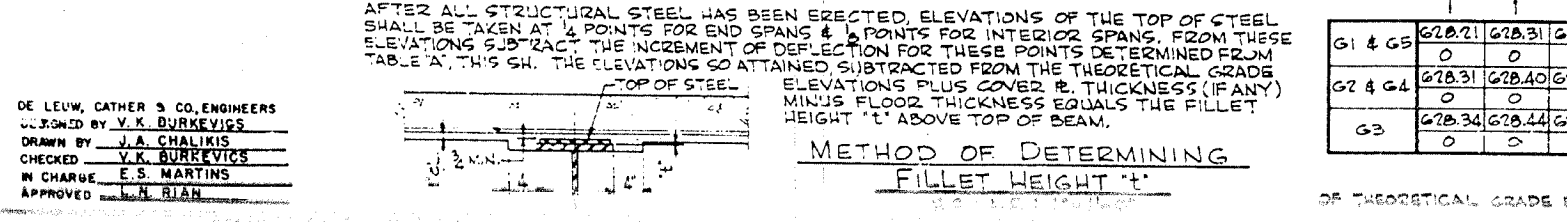


BAR	NO	SIZE	LENGTH	SHAPE	WEIGHT
D401	478	4	5'-1"	C	1,453
D402	478	4	1'-2"		334
D403	20	4	31'-8"		423
D404	40	4	7'-6"		200
D405	40	4	25'-0"		668
D406	20	4	10'-0"		134
D501	147	5	31'-10"		4,081
D502	172	5	30'-4"		5,442
D503	170	5	28'-5"		5,039
D504	172	5	31'-8"		5,681
D505	16	5	1'-0"		17
D506	168	5	31'-8"		5,549
D601	80	6	16'-9"		2,013
D602	40	6	22'-3"		1,337
D603	16	6	6'-0"		144
TOTAL					33,315



LOCATION	W. ABUT.	PIER 1	SPLICE #1	PIER 2	SPLICE #2	SPLICE #3	PIER 3	E. ABUT.
G1 & G5	627.628	627.897	628.072	628.122	628.159	628.072	627.897	627.628
G2 & G4	627.726	627.799	628.170	628.130	628.237	628.170	627.999	627.726
G3	627.761	628.035	628.156	628.166	628.193	628.156	628.035	627.761

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU. YD.	182.9
FURNISHING & ERECTING STRUCTURAL STEEL*	POUND	154,922
REINFORCEMENT BARS	POUND	33,315



	G1 & G5	G2 & G4	G3	628.21	628.31	628.39	628.47	628.54	628.59	628.63	628.67	628.70	628.73	628.74	628.75	628.76
G1 & G5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G2 & G4	628.31	628.40	628.49	628.57	628.64	628.69	628.73	628.77	628.80	628.82	628.84	628.85	628.85	628.85	628.85	628.85
G3	628.34	628.44	628.53	628.60	628.67	628.72	628.77	628.80	628.84	628.86	628.88	628.89	628.89	628.89	628.89	628.89
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

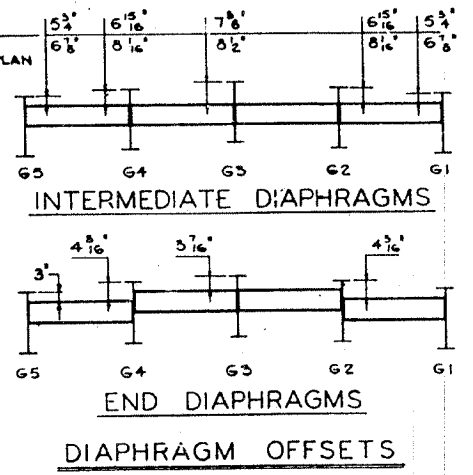
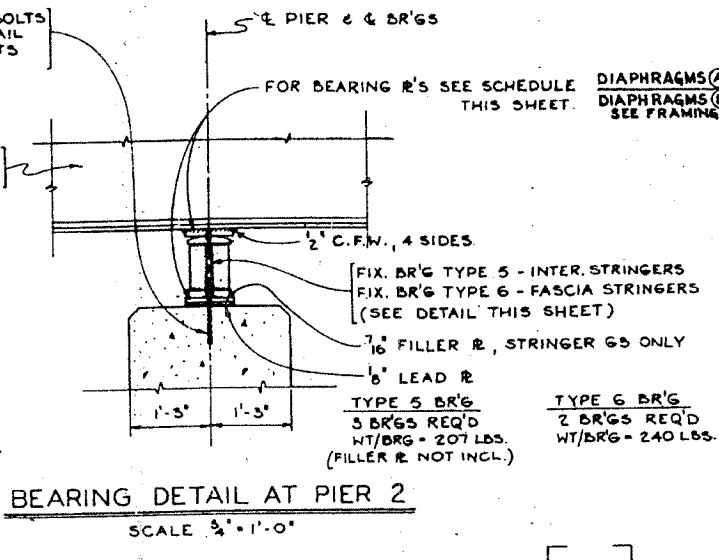
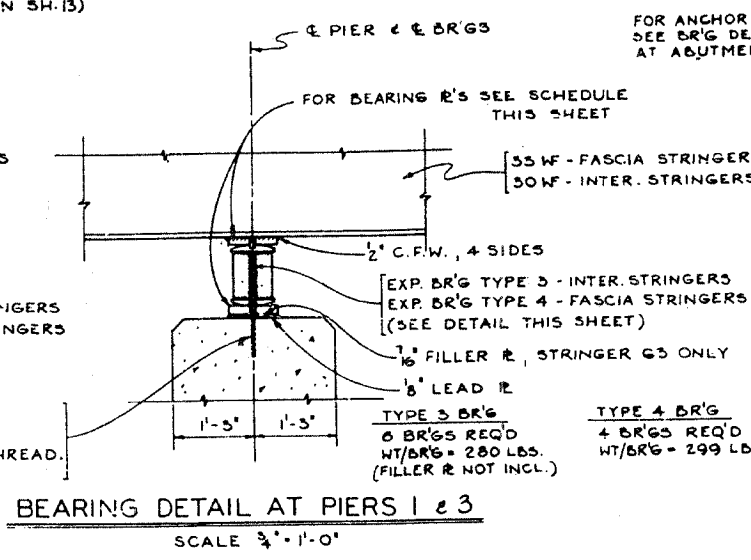
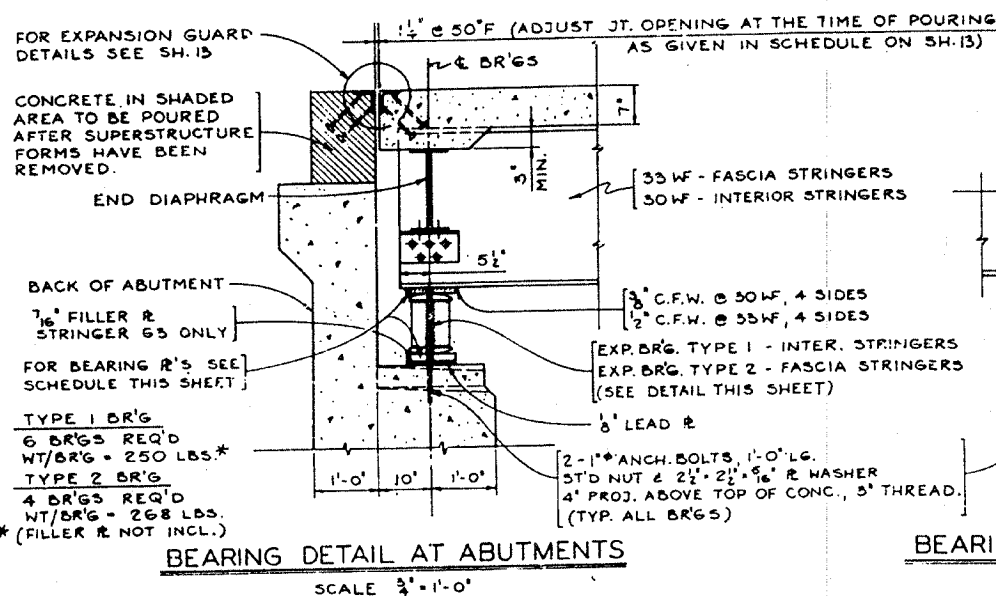
THEORETICAL GRADE ELEV. AT & STRINGERS - IN FEET. STRINGER DEFLECTIONS DUE TO CONC. ONLY - IN INCHES (TYPICAL)

SCALE: AS NOTED DATE:

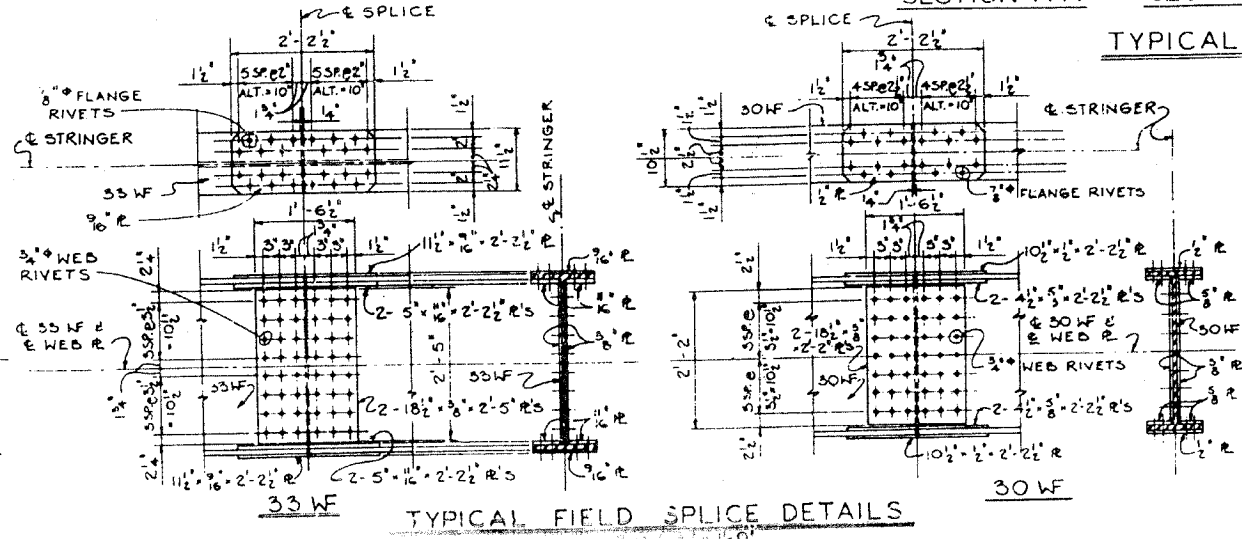
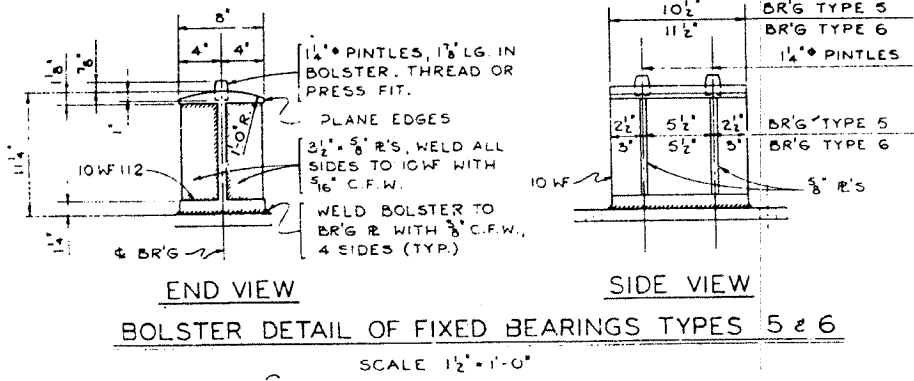
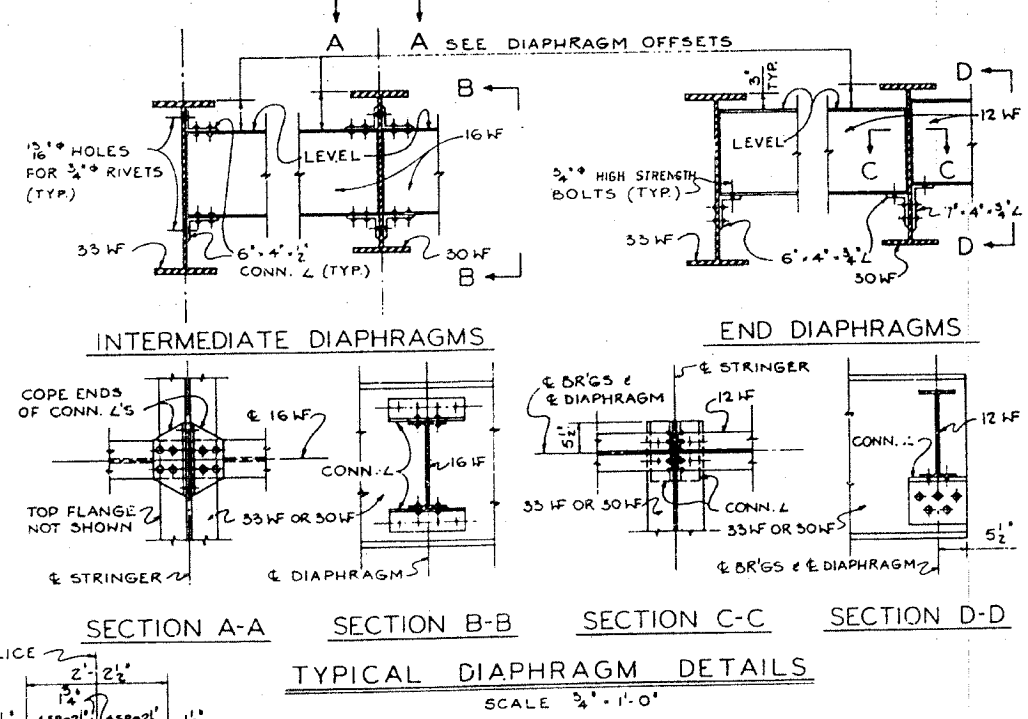
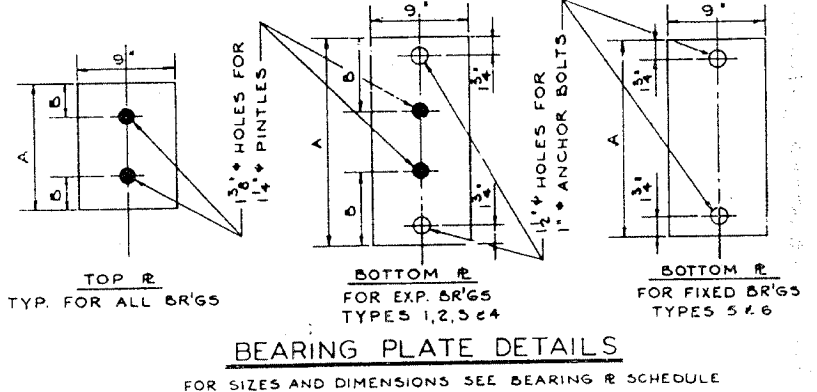
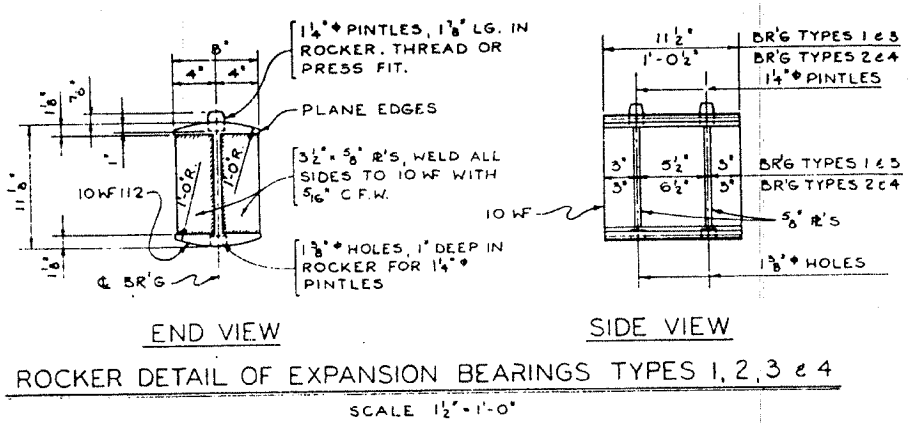
DE LEUW, CATHERS & CO. ENGINEERS
 DESIGNED BY V.K. BURKEVICS
 DRAWN BY J.A. CHALIKIS
 CHECKED V.K. BURKEVICS
 IN CHARGE E.S. MARTINS
 APPROVED L.N. RIAN

SUPERSTRUCTURE DETAILS
 SLAB AND FRAMING PLAN
 F.A.I. 80 SECTION 37-1HB-1
 F.A.I. 80 UNDER S.B.I.-7 (ALT.)
 HENRY COUNTY
 STATION 461+72.02

ROUTE NO.	NO. PAGES	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-100-1	HENRY	133	97
FED. ROAD DIST. NO.	ILLINOIS	FEB. 20, 1937		



BR'G TYPE	TOP PLATE						BOTTOM PLATE					
	1	2	3	4	5	6	1	2	3	4	5	6
DIM'N	11 1/2"	1'-0 1/2"	11 1/2"	1'-0 1/2"	10 1/2"	11 1/2"	1'-7"	1'-8"	1'-7"	1'-8"	1'-6"	1'-7"
A	3"	3"	3"	3"	2 1/2"	3"	6 3/4"	6 3/4"	6 3/4"	6 3/4"		
B												
THICKNESS	1"	1"	1 1/2"	1 1/2"	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1"	1"



BILL OF MATERIAL *		
ITEM	UNIT	QUANTITY
FURNISHING & ERECTING STRUCTURAL STEEL	POUND	6,654

* INCLUDES BEARINGS & FILL R'S ONLY. SEE SH. 11 FOR OTHER STEEL.

SUPERSTRUCTURE-BEARINGS AND MISCELLANEOUS DETAILS

F.A.I. 80 SECTION 37-1HB-1

F.A.I. 80 UNDER C.B.1-7 (ALT)

HENRY COUNTY

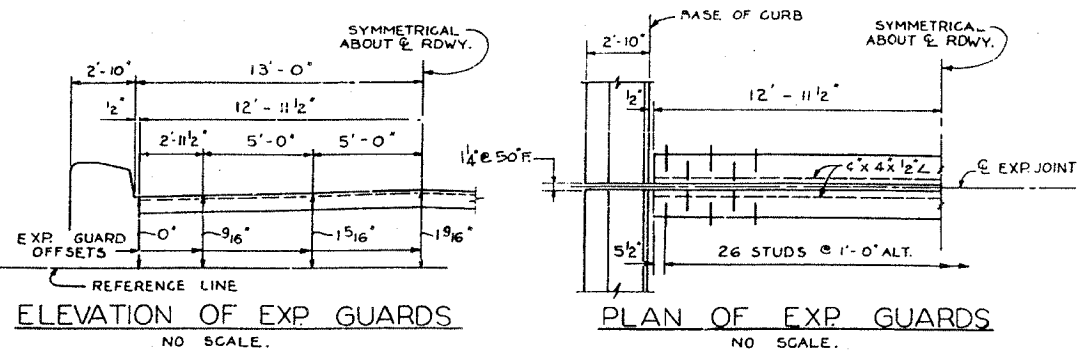
STATION 461+72.02

SCALE: AS NOTED DATE:

DE LEUW, CATHER & CO., ENGINEERS
DESIGNED BY V.K. BURKEYVICS
DRAWN BY V.K. BURKEYVICS
CHECKED BY V.K. BURKEYVICS

TYPICAL PLAN DETAIL OF COVER R'S

NOT TO SCALE



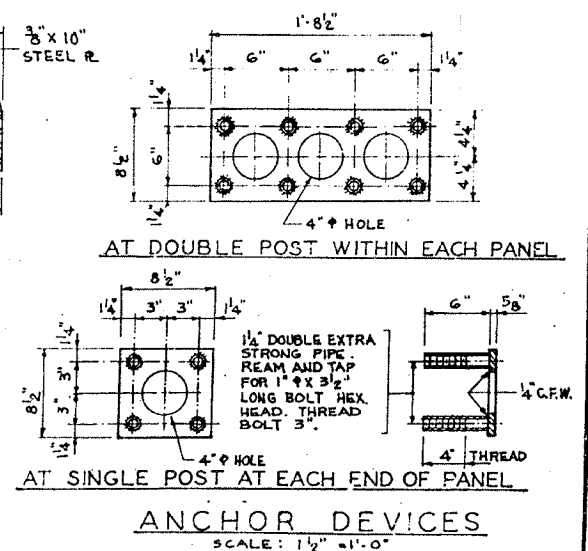
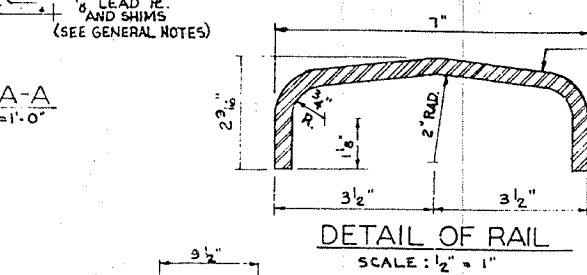
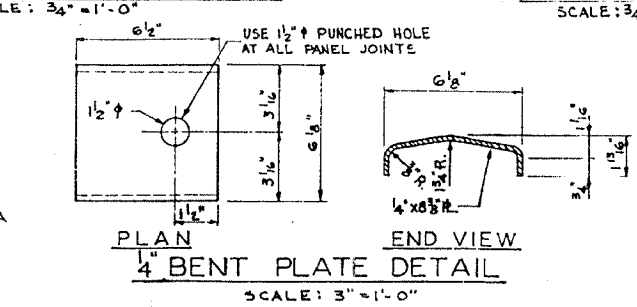
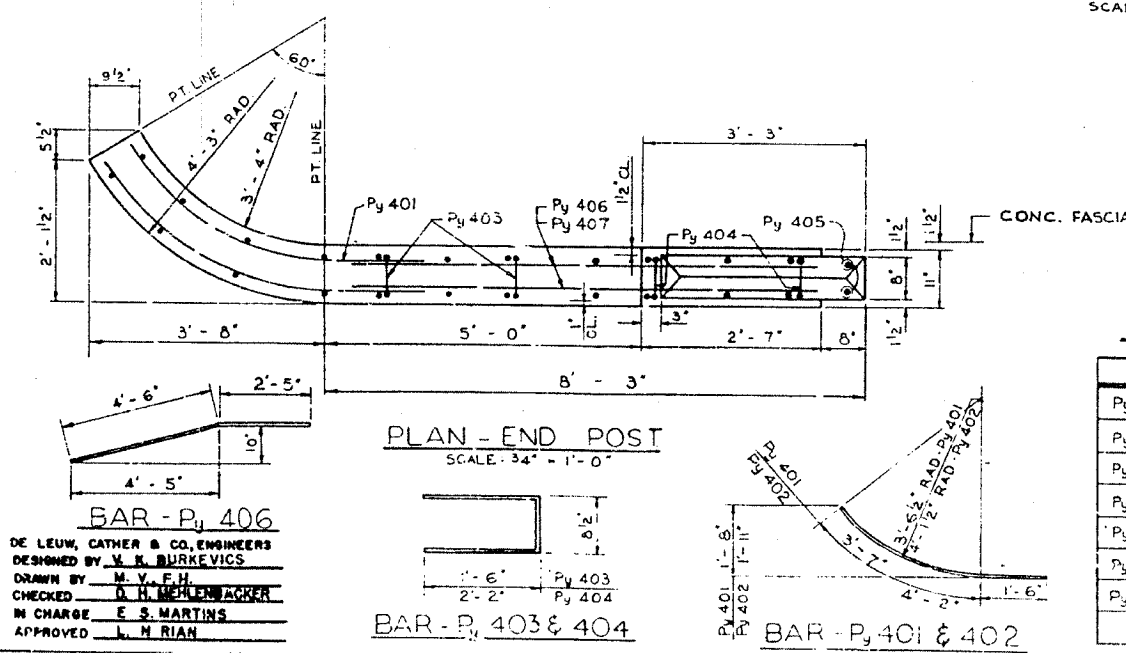
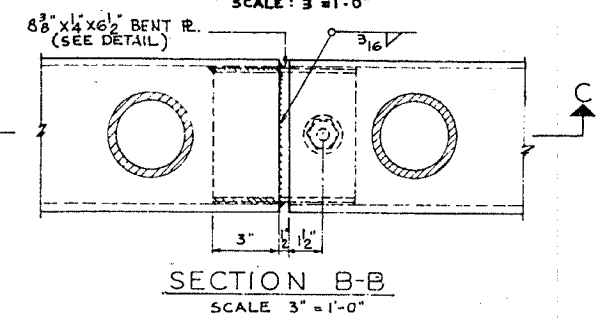
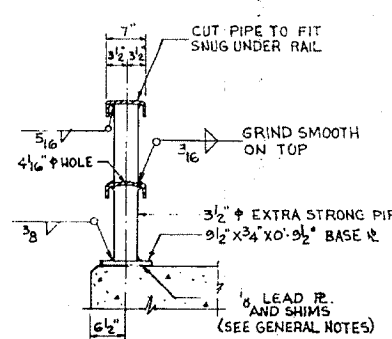
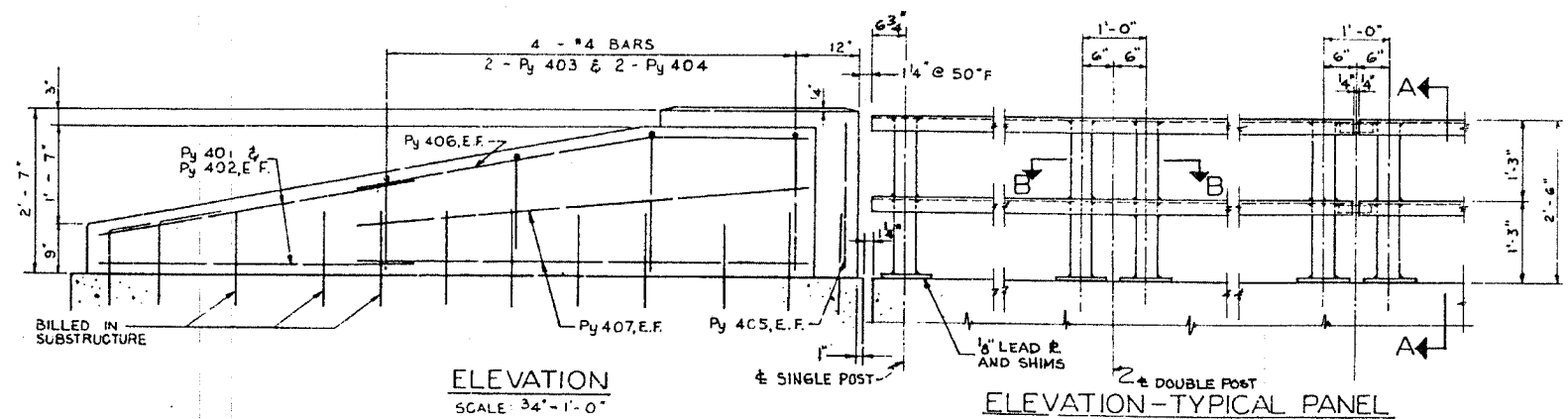
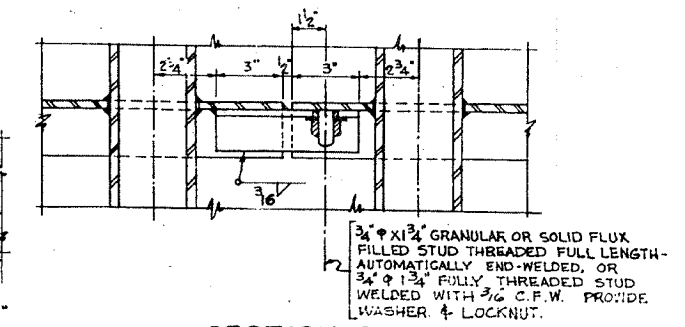
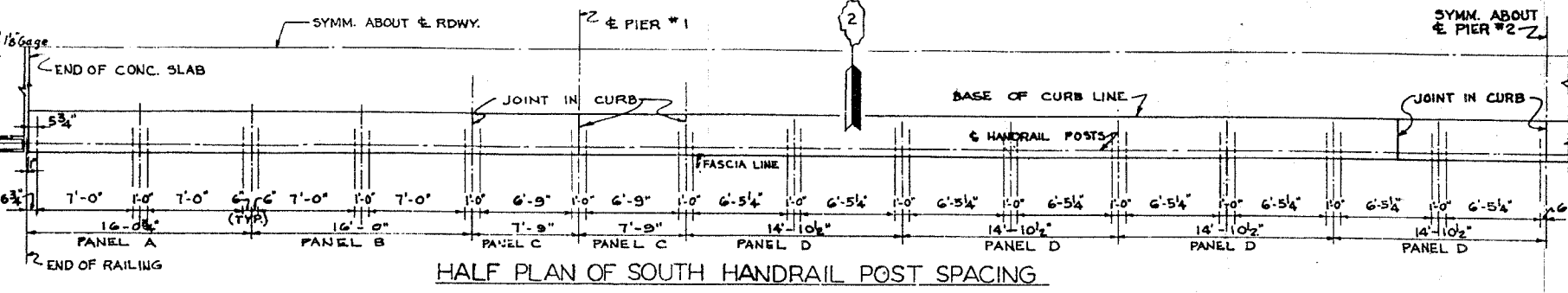
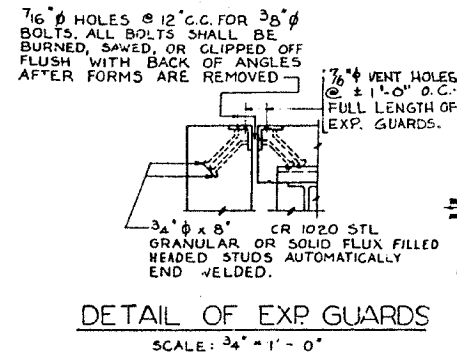
- ### EXPANSION GUARD NOTES:
- SEE "GENERAL NOTES FOR STRUCTURAL STEEL," SHT. NO. 2
 - EXPANSION GUARD ASSEMBLIES SHALL BE FABRICATED AND ERECTED TO CONFORM TO THE ROADWAY CROWN AND SLOPE OF GRADE AT THE GUARD. THEY SHALL BE ASSEMBLED IN THE SHOP FOR INSPECTION.
 - ALL PARTS OF GUARD ASSEMBLY INCLUDING STUDS SHALL BE INCLUDED IN STRUCTURAL STEEL FOR PAYMENT.

- ### GUARD SETTING INSTRUCTIONS:
- JOINT OPENINGS SHOWN ON GUARD DETAILS ARE BASED ON AN ASSUMED TEMPERATURE OF 50°F. THE OPENING ALSO INCLUDES A 1/2" ALLOWANCE FOR POSSIBLE FORWARD MOVEMENT AT THE TOP OF THE ABUTMENT DUE TO EARTH PRESSURE, THRUST OF APPROACH SLAB, ETC. THE OPENING WILL INCREASE OR DECREASE APPROXIMATELY 3/32" FOR EACH 10°F DROP OR RISE IN TEMPERATURE.
 - TOTAL ESTIMATED WEIGHT OF SUPER-STRUCTURE EXPANSION GUARDS = 1,457 LBS.

ROUTE NO.	SECTION	QUANTITY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-1HB-1	HENRY	133	33
F.B. ROAD DIST. NO. 7		ILLINOIS	FEB. 20 1967	

EXPANSION GUARD ADJUSTMENT SCHEDULE

TEMPERATURE °F	110°	90°	70°	50°	30°	10°
OPENING @ ABUTMENTS	3/4"	15/16"	1 1/16"	1 1/4"	1 7/16"	1 9/16"



BILL OF REINFORCEMENT

BAR	NO.	SIZE	LENGTH	SHAPE	WEIGHT
Py 401	8	#4	5'-1"		
Py 402	8	#4	5'-8"		
Py 403	8	#4	3'-9"		
Py 404	8	#4	5'-1"		
Py 405	8	#4	2'-3"		
Py 406	8	#4	6'-3"		
Py 407	16	#4	7'-0"		

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU YD	5.8
REINFORCEMENT BARS	POUND	455
FURNISHING & ERECTING HANDRAIL	LIN FT	429
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	1,457

GENERAL NOTES

AFTER ERECTION ALL BOLTS AND WASHERS SHALL BE SPOT PAINTED WITH ONE COAT OF RED LEAD AND TWO COATS OF ALUMINUM PAINT. PROVIDE 1'-8" AND 2'-1/8" SHIMS FOR 50% OF THE POSTS. COARSE AGGREGATE WHICH IS TO BE USED IN CLASS X CONCRETE FOR HANDRAIL PARAPETS SHALL BE ABSOLUTELY FREE FROM CHERT, FLINT, LIMONITE, LIGNITE, AND SOFT SANDSTONE.

EXPANSION GUARDS, HANDRAIL AND PYLON DETAILS

F.A.I. 80 SECTION 37-1HB-1
F.A.I. 80 UNDER S.B.I.-7 (ALT.)
HENRY COUNTY
STATION 461 + 72.02
SCALE: AS NOTED DATE:

DE LEUW, CATHER & CO. ENGINEERS
DESIGNED BY V. H. BURKEVICS
DRAWN BY M. V. F.H.
CHECKED D. H. MEHLERACKER
IN CHARGE E. S. MARTINS
APPROVED L. M. RIAN

STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

CONTRACT NO. 64602

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	89
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF REMOVAL & REPLACEMENT OF THE POPPY GARDEN ROAD BRIDGE OVER I-80, DITCH GRADING, & SEEDING, AND RECONSTRUCTION OF 2,780 LF OF PAVEMENT

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 9.08 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 2.26 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 4.5 ACRES

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

MINERAL CREEK

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES

STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/ SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

STORM WATER POLLUTION PREVENTION PLAN

2.1

REVISED 5-12-04

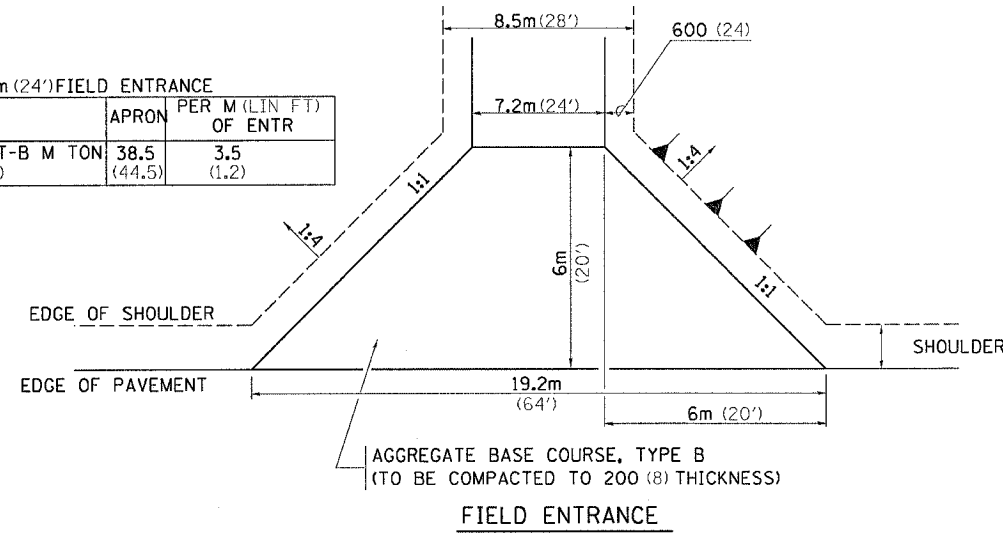
PLOT DATE = Fri Sep 01 10:16:58 2005
FILE NAME = c:\np\projects\213186\213186.dgn
PLOT SCALE = 50.0000 : 1 IN.
REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	90
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

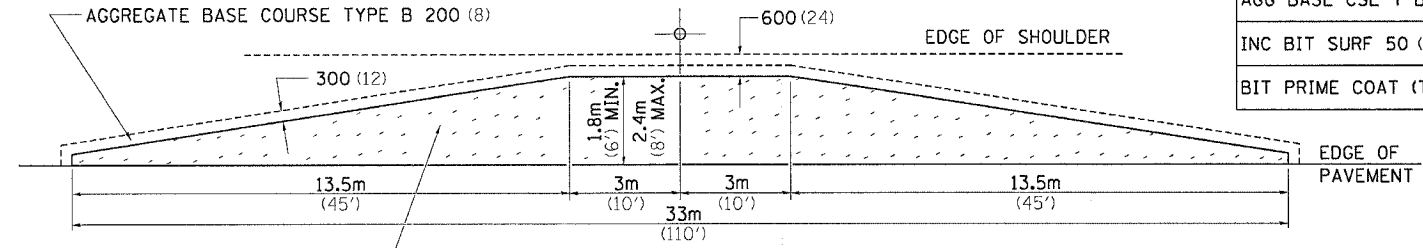
BITUMINOUS APPROACHES & MAILBOX RETURNS

7.2m (24') FIELD ENTRANCE

	APRON	PER M (LIN FT) OF ENTR
AGG BASE CSE T-B M (TON)	38.5 (44.5)	3.5 (1.2)



FIELD ENTRANCE



ON ALL ENTRANCES
AGGREGATE BASE COURSE TYPE B 200 (8)
INCIDENTAL BITUMINOUS SURFACING 50 (2)

MAILBOX TURNOUT

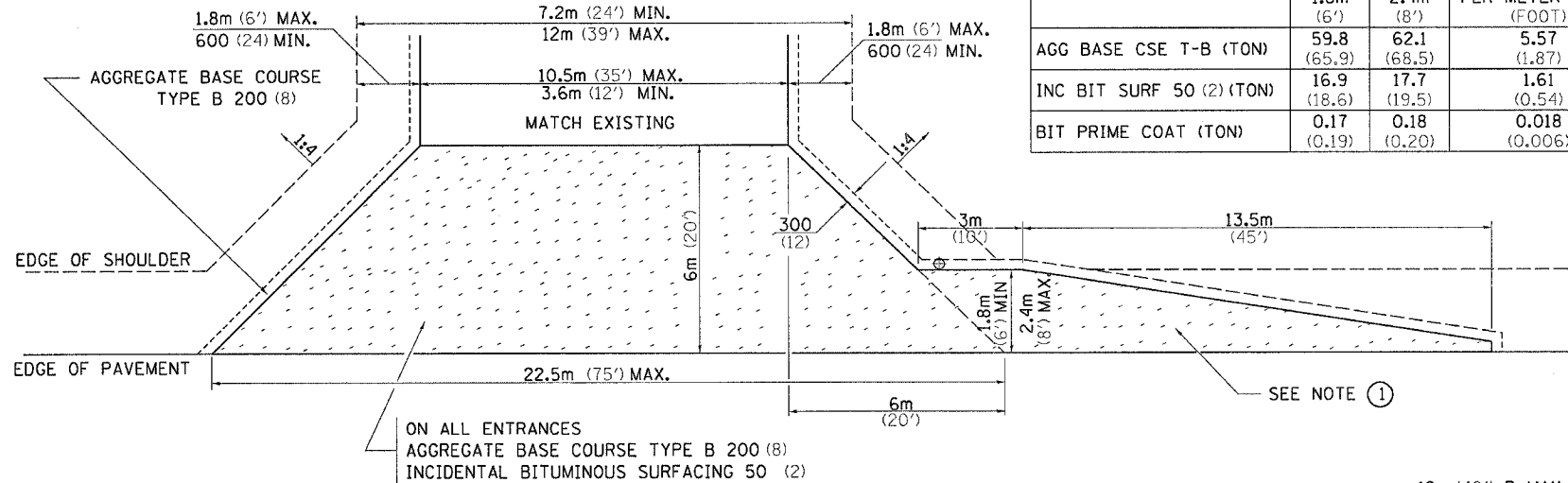
	1.8m (6')	2.4m (8')
AGG BASE CSE T-B (TON)	22.2 (24.5)	28.2 (31.1)
INC BIT SURF 50 (2) (TON)	5.3 (5.8)	7.1 (7.8)
BIT PRIME COAT (TON)	0.05 (0.06)	0.07 (0.08)

NOTE

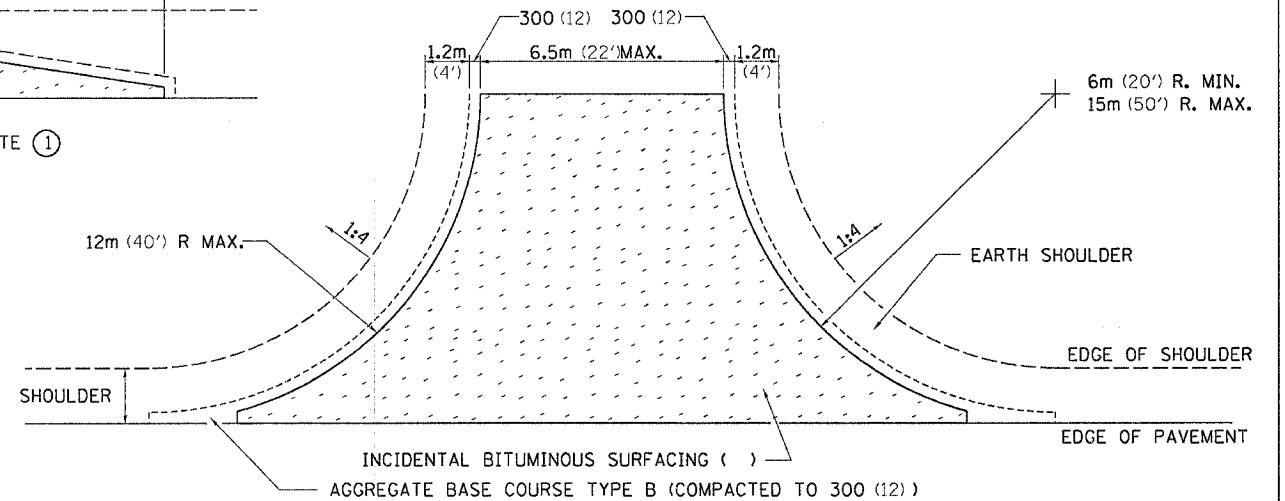
- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
- ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- QUANTITIES ARE CALCULATED WITH 1' BITUMINOUS SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
- EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCIDENTAL TO THE AGGREGATE BASE COURSE.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

10.5m (35') COMMERCIAL ENTRANCE

	1.8m (6')	2.4m (8')	PER METER ENTR (FOOT)
AGG BASE CSE T-B (TON)	59.8 (65.9)	62.1 (68.5)	5.57 (1.87)
INC BIT SURF 50 (2) (TON)	16.9 (18.6)	17.7 (19.5)	1.61 (0.54)
BIT PRIME COAT (TON)	0.17 (0.19)	0.18 (0.20)	0.018 (0.006)



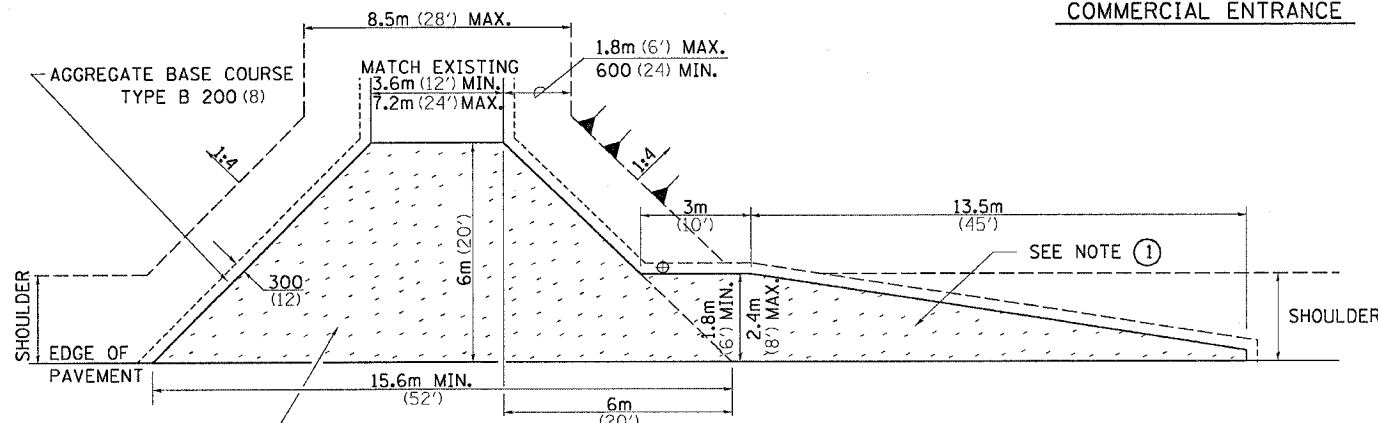
COMMERCIAL ENTRANCE



SIDE ROAD RETURN

	6m RADIUS (20')			9m RADIUS (30')			12m RADIUS (40')		
	5.5m (18')	6m (20')	6.5m (22')	5.5m (18')	6m (20')	6.5m (22')	5.5m (18')	6m (20')	6.5m (22')
AGG BASE CSE T-B (TON)	40.9 (45.1)	43.7 (48.2)	46.4 (51.2)	70.3 (77.5)	74.4 (82.0)	78.6 (86.6)	105.5 (116.3)	111.0 (122.4)	116.6 (128.5)
INC BIT SURF AT 25 (1) (TON)	3 (3.3)	3.3 (3.6)	3.4 (3.8)	5.3 (5.8)	5.5 (6.1)	5.9 (6.5)	8.0 (8.8)	8.4 (9.3)	9.0 (9.9)
BIT PRIME COAT (TON)	0.07 (0.08)	0.08 (0.09)	0.10 (0.10)	0.14 (0.15)	0.15 (0.16)	0.15 (0.17)	0.20 (0.22)	0.22 (0.24)	0.23 (0.25)

NOTE: USE 50 (2) INC. BIT. SURF. ON EXISTING RETURNS



ON ALL ENTRANCES
AGGREGATE BASE COURSE TYPE B
(TO BE COMPACTED TO 200 (8) THICKNESS)
INCIDENTAL BITUMINOUS SURFACING 50 (2)

PRIVATE ENTRANCE

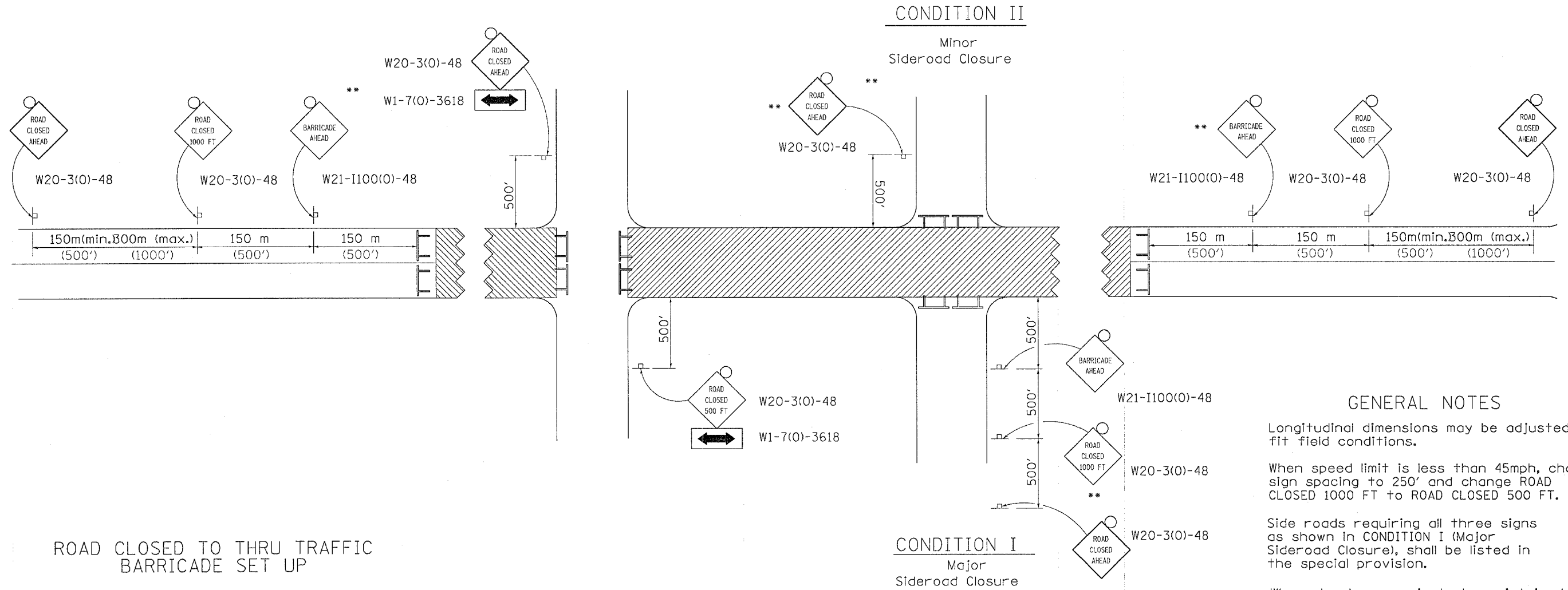
3.6m (12') PRIVATE ENTRANCE

	1.8m (6')	2.4m (8')	PER METER ENTR (FOOT)
AGG BASE CSE T-B (TON)	39.7 (43.8)	42.0 (46.3)	2.11 (0.71)
INC BIT SURF 50 (2) (TON)	10.7 (11.8)	11.5 (12.7)	0.57 (0.19)
BIT PRIME COAT (TON)	0.11 (0.12)	0.18 (0.13)	0.006 (0.002)

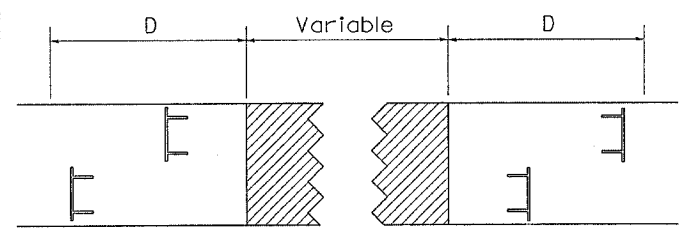
PLOT DATE = Fri, Sep 01 10:05:09 2006
 FILE NAME = c:\pvc\pvc\p213186\dl31082.plt
 PLOT SCALE = 50.0000 / 1 IN.
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC CONTROL FOR ROAD CLOSURE






ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 702001. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

GENERAL NOTES

- Longitudinal dimensions may be adjusted to fit field conditions.
- When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.
- Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.
- ** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic.
- Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 702001.

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

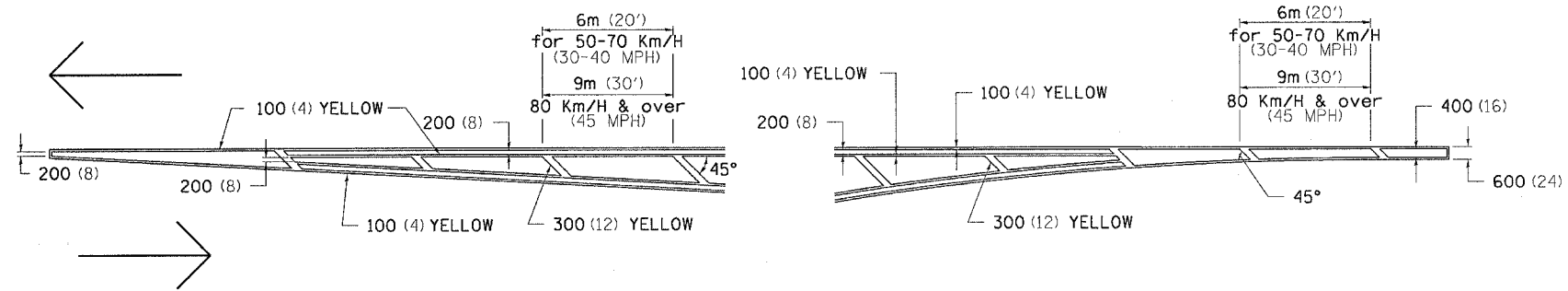
TYPICAL APPLICATION FOR ROAD CLOSURE

PLOT DATE = Fri Sep 01 10:16:09 2006
 FILE NAME = c:\p\c\m\p\213100\131000.dgn
 PLOT SCALE = 50.0000' / IN.
 REFERENCE = REF#

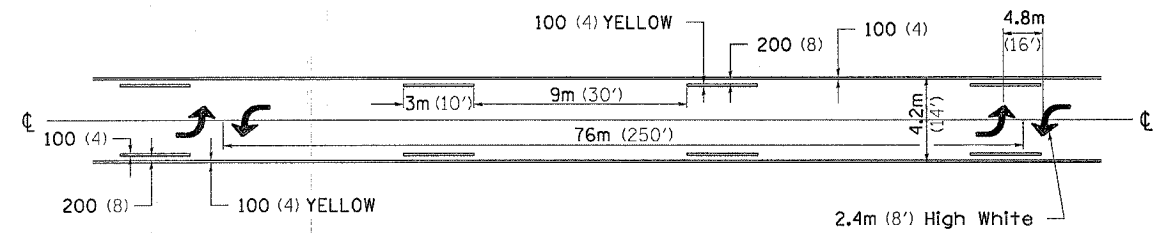
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	92
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

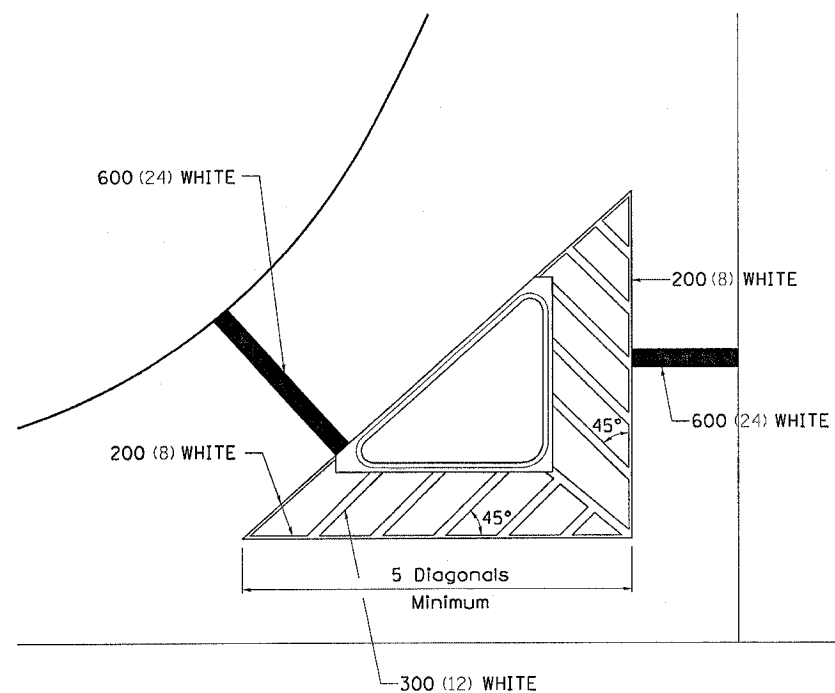
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



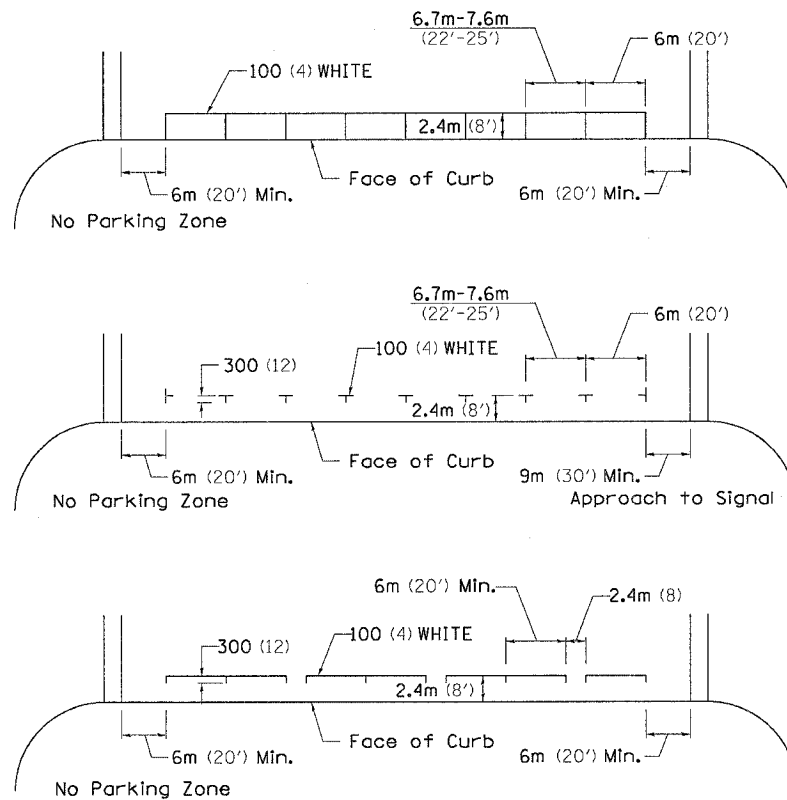
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH



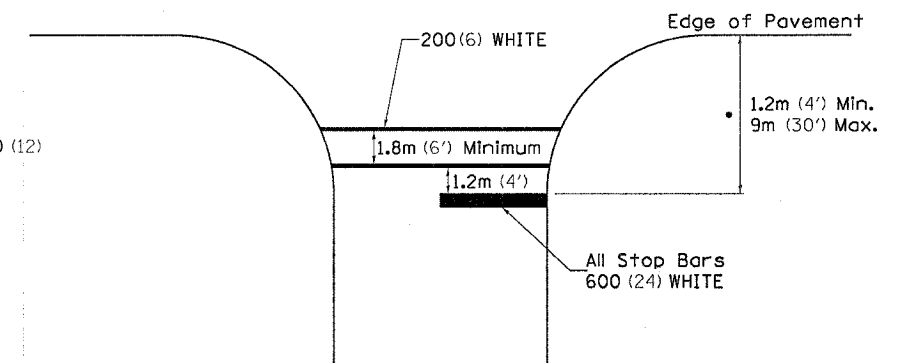
TYPICAL PARKING SPACING



•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STANDARD CROSSWALK MARKING

See Schedules for Locations



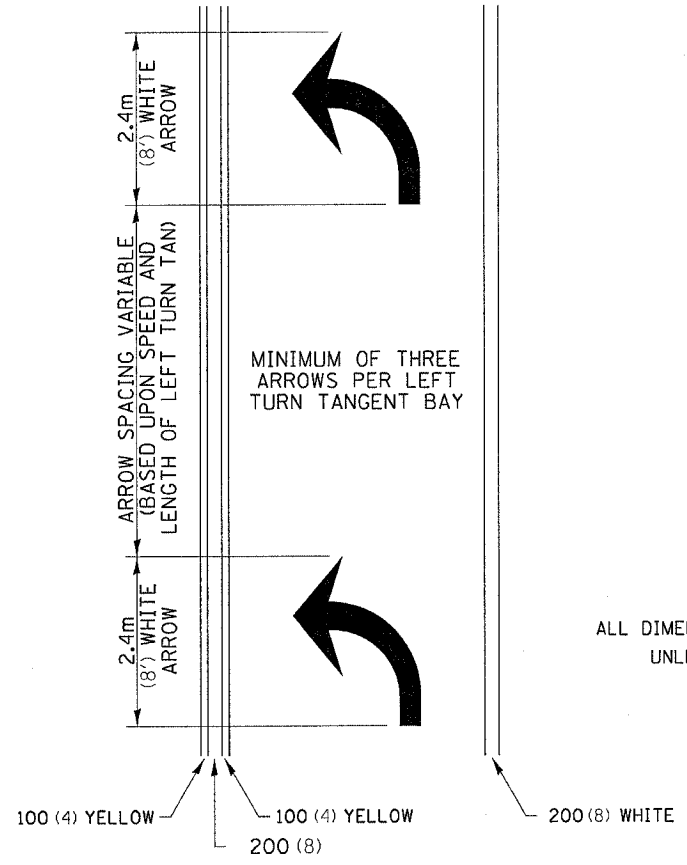
• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

PLOT DATE = Fri, Sep 01 10:16:09 2006
 FILE NAME = c:\projects\pav\23108\pl13108.plt.dgn
 PLOT SCALE = 50.0000 / IN.
 REFERENCE = BREF

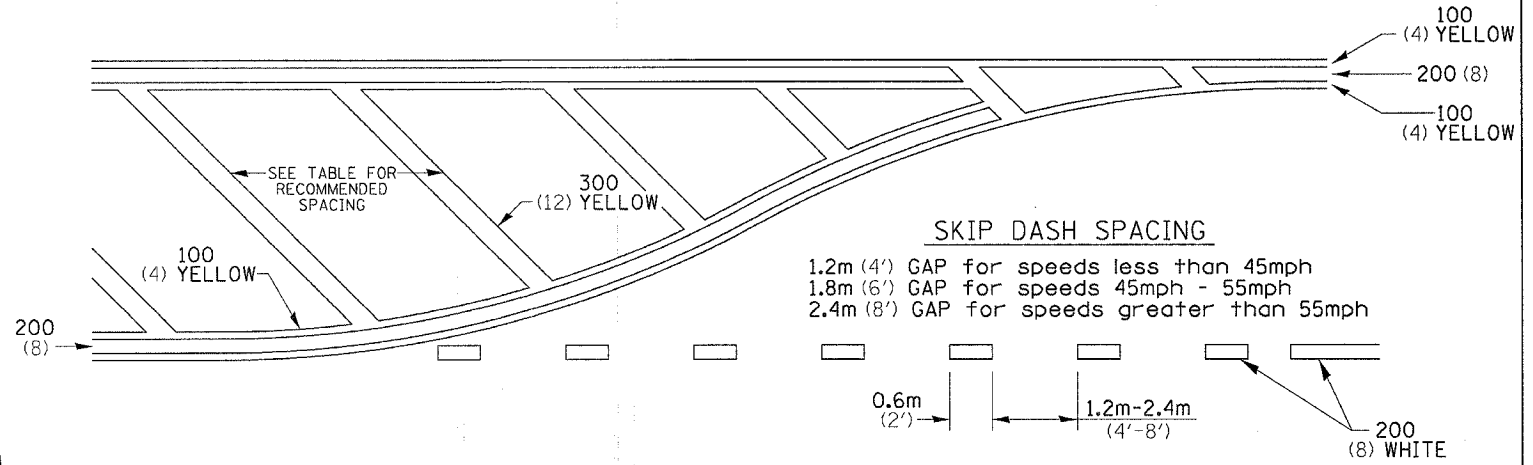
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	93
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



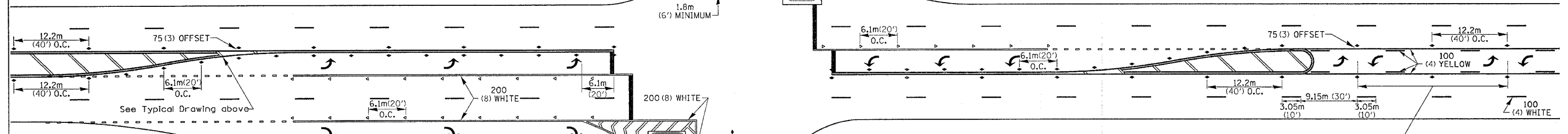
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



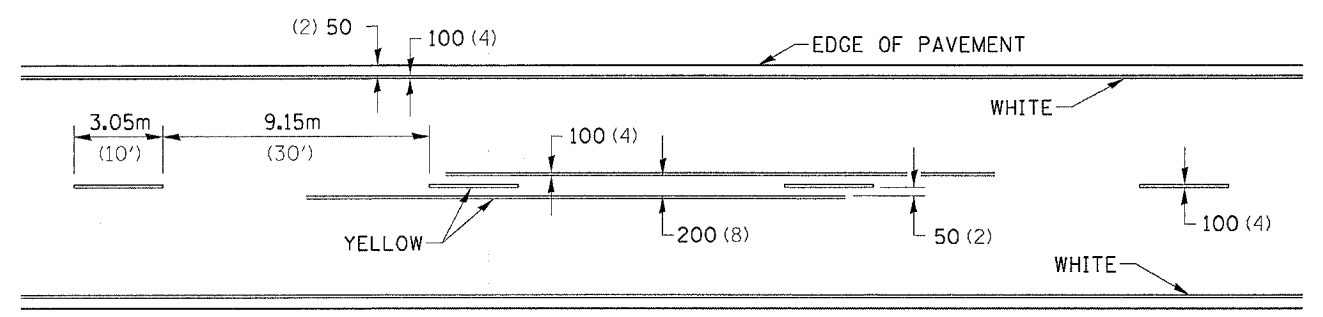
RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

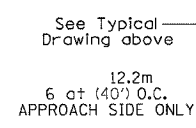
NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS



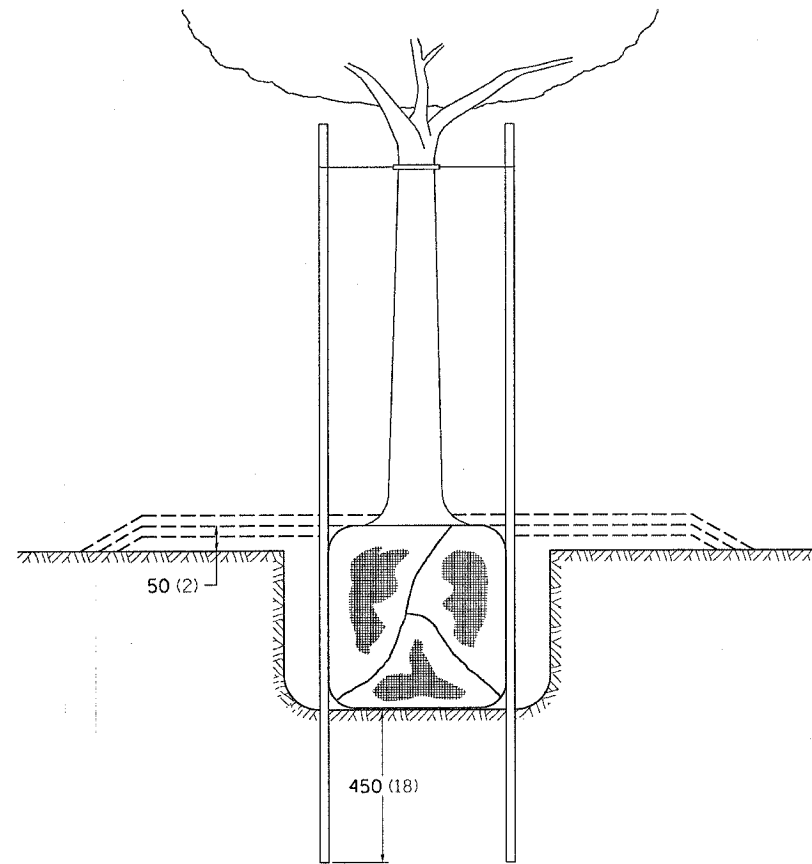
- REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED

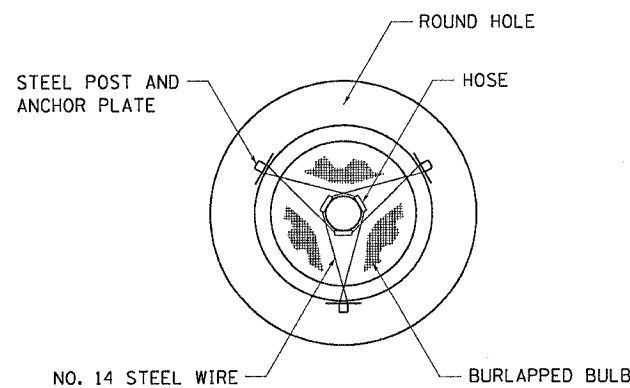
PLOT DATE = Fri Sep 01 10:16:18 2006
 FILE NAME = c:\pvc\projects\p213108\pl13108a.plt
 PLOT SCALE = 50.0000 / IN.
 REFERENCE = REF#

F.A.1. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAILS OF PLANTING AND BRACING TREES

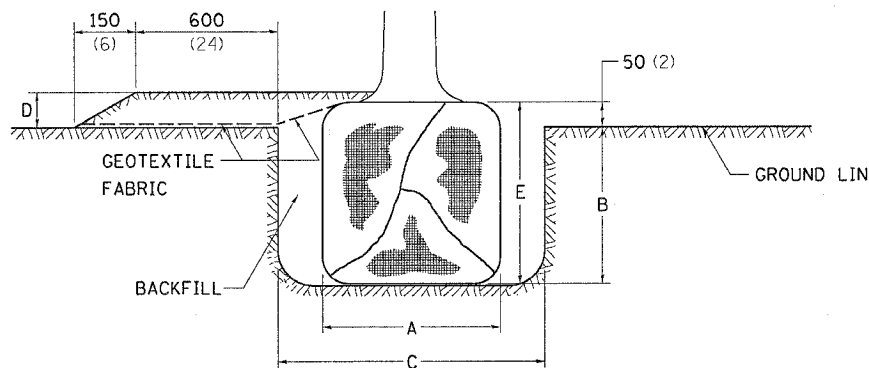


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

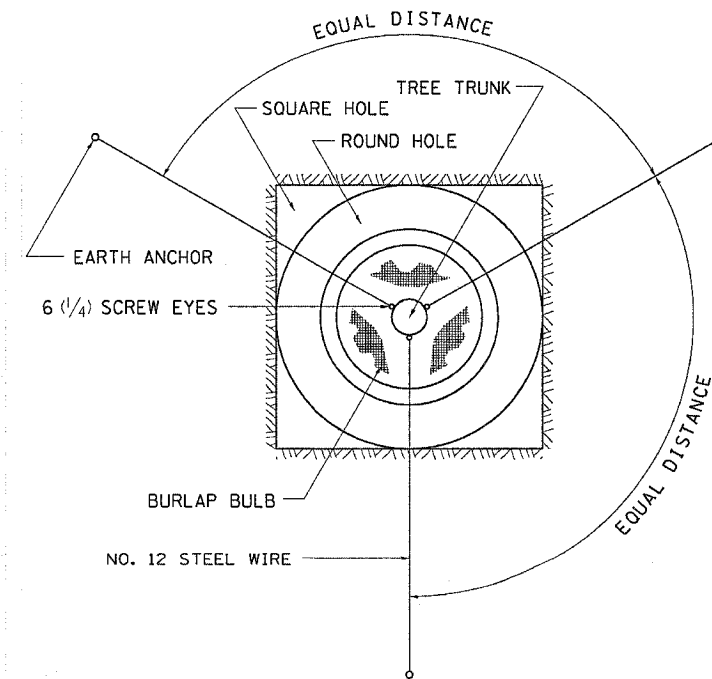


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7') BB	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8') BB	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10') BB	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12') BB	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

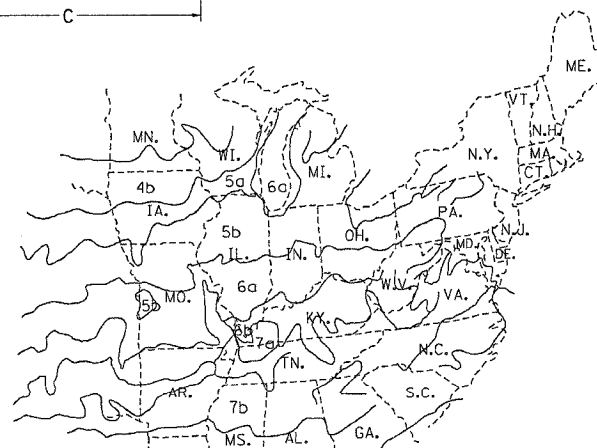
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3) BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)



TREES OVER 115 (4 1/2) IN DIAMETER



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

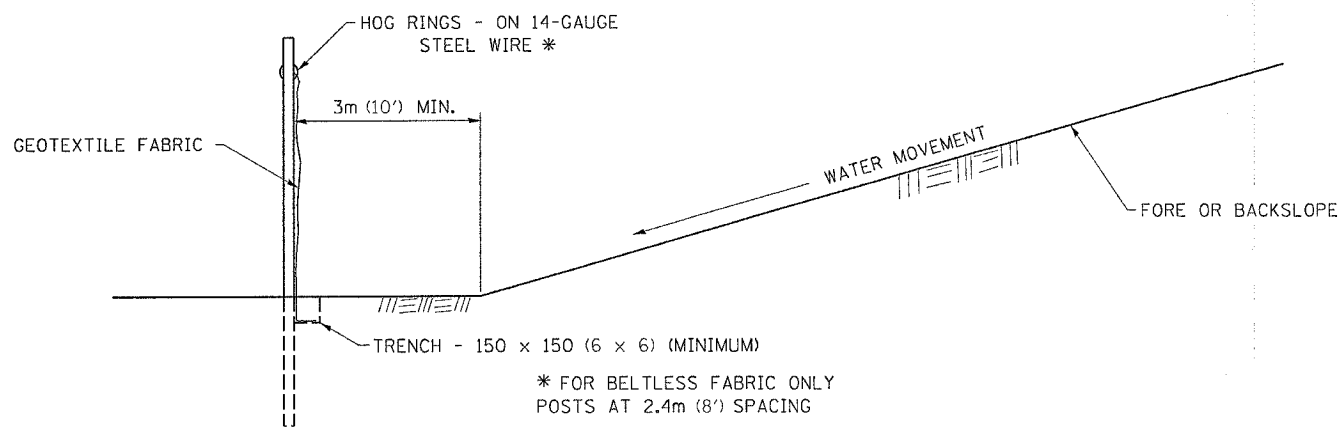
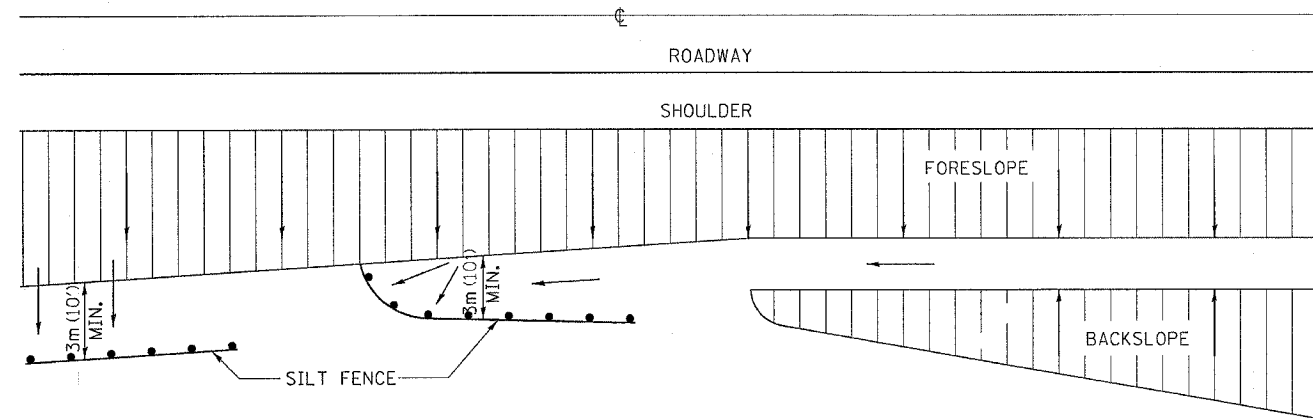


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814

PLOT DATE = Fri Sep 01 10:16:00 2006
FILE NAME = c:\pvc\mca\p213102a\p13102a.dgn
PLOT SCALE = 50:0000
REFERENCE = BRIEF

EROSION CONTROL DETAILS FOR SILT FENCE

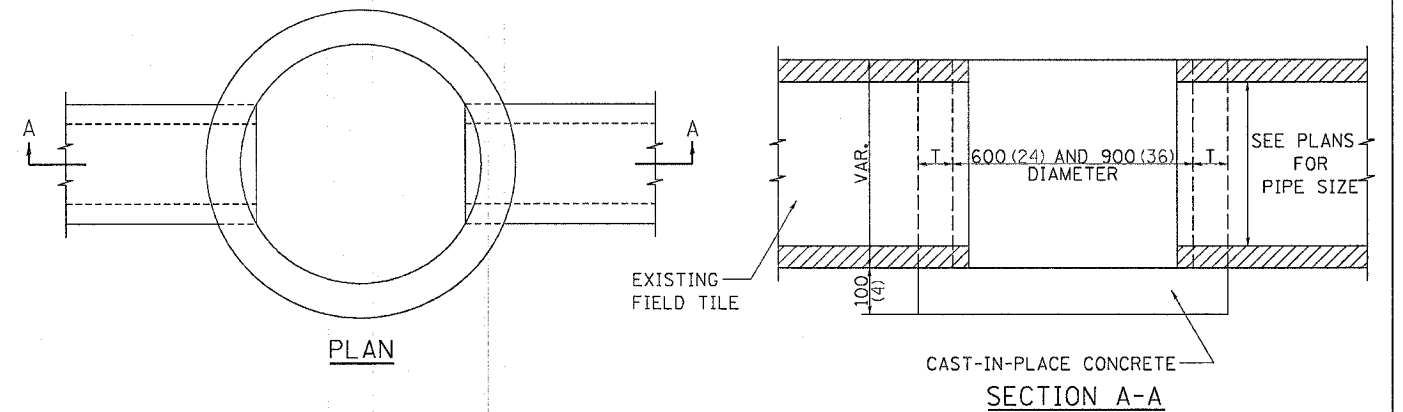
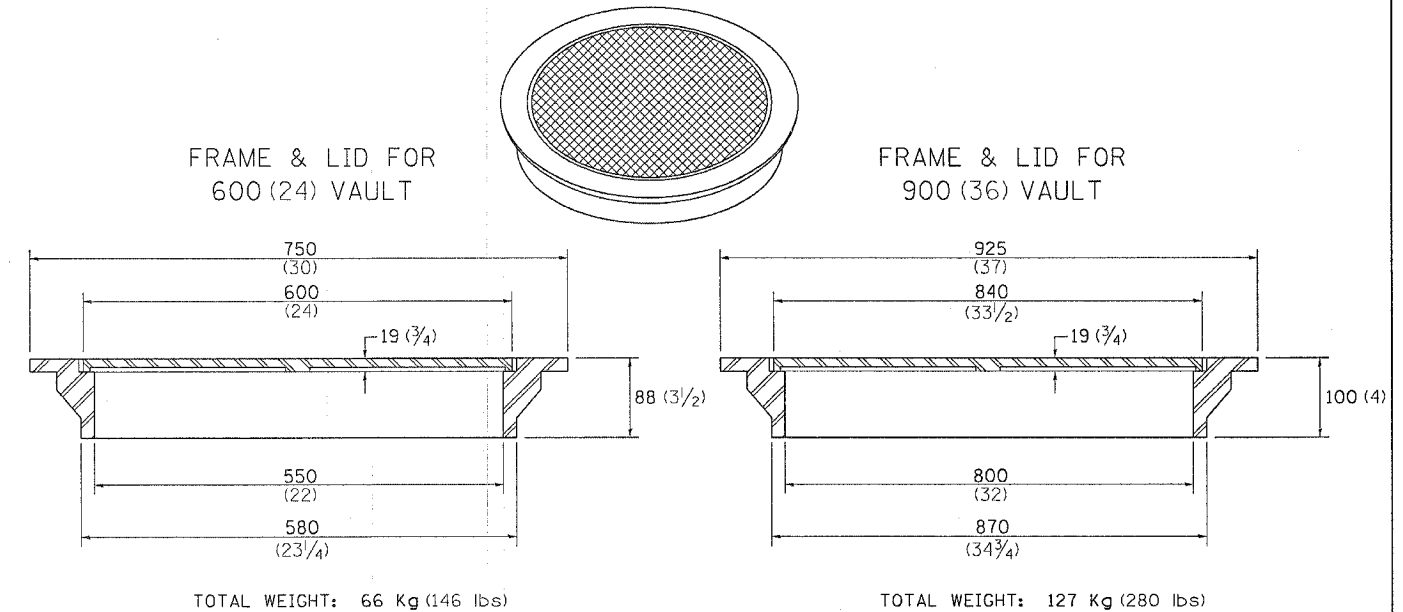


DETAILS OF SILT FENCE

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

FIELD TILE JUNCTION VAULTS 600 (24) AND 900 (36) DIA.

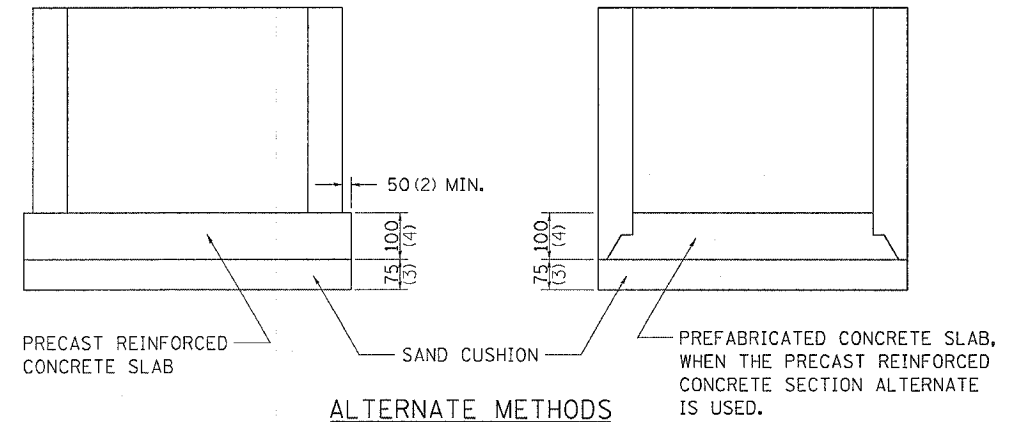
CONTRACT NO. 64602				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	95
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	200 (8)
CAST-IN-PLACE CONCRETE	150 (6)
CONCRETE MASONRY UNIT	125 (5)
PRECAST REINFORCED CONCRETE SECTION	75 (3)

NOTE: THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.

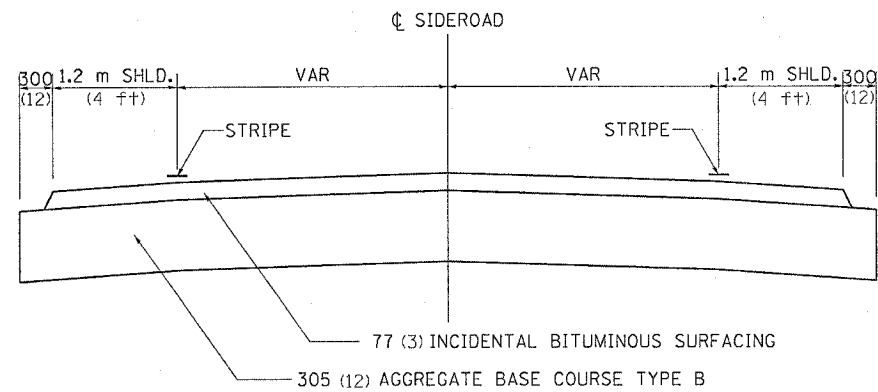
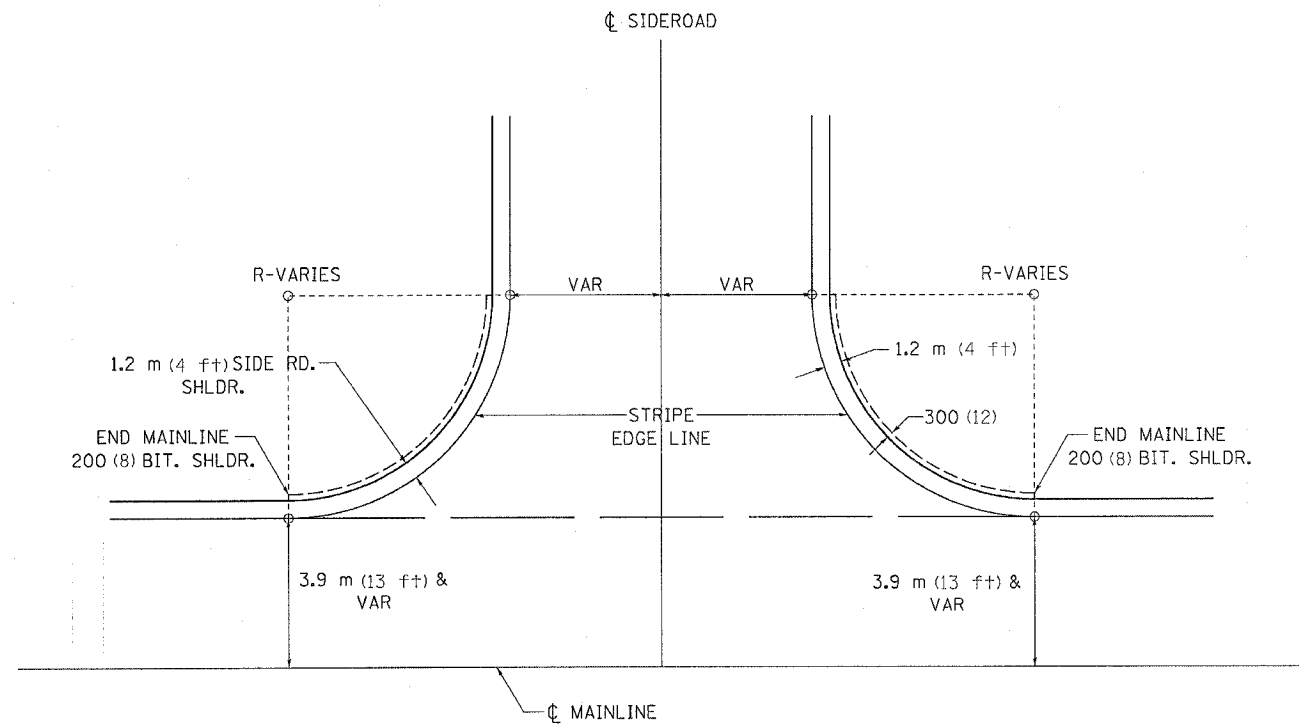
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



PLOT DATE = Fri Sep 01 10:16:10 2006
 FILE NAME = c:\p\o\msta\213108\3108pl.dgn
 PLOT SCALE = 50.0000 / 1 IN.
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	97
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL AGGREGATE BASE SIDEROAD

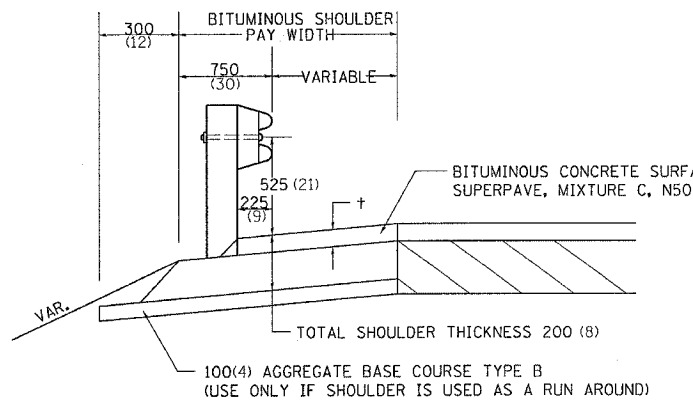


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PLOT DATE = Fri Sep 01 10:15:11 2006
 FILE NAME = c:\nrc\p\est\p213106\d13106p1.dgn
 PLOT SCALE = 90.0000 / 1 IN.
 REFERENCE = REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-JHBR-1	HENRY	133	98
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAIL OF BITUMINOUS SHOULDER AT GUARD RAIL



+ = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED.

THE HEIGHT OF THE GUARD RAIL SHALL BE SET 525 (21) FROM THE FINISHED SURFACE.

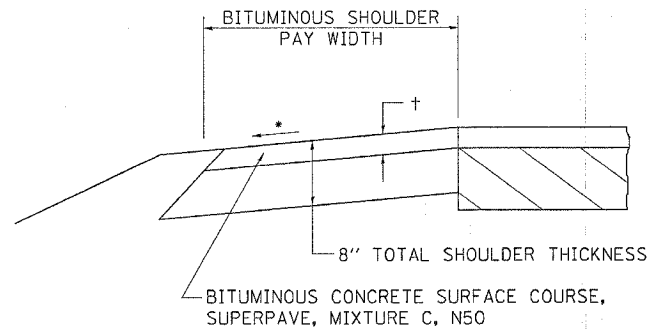
THE BITUMINOUS SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, AND SQUARE METER (SQUARE YARD) FOR BITUMINOUS SHOULDERS SUPERPAVE OF THE THICKNESS SPECIFIED. THE REMOVAL & REINSTALLATION OF THE GUARDRAIL WILL BE INCLUDED IN THE COST OF THE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50.

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

DETAIL OF BITUMINOUS SHOULDER AT GUARD RAIL 23.4

REVISED 1-17-02

BITUMINOUS SHOULDER



+ = SEE TYPICAL SECTIONS FOR THICKNESS

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

GENERAL NOTES

THE BITUMINOUS SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, AND SQUARE YARD FOR BITUMINOUS SHOULDERS SUPERPAVE OF THE THICKNESS SPECIFIED.

USE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, WHEN RESURFACING EXISTING BITUMINOUS SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50.

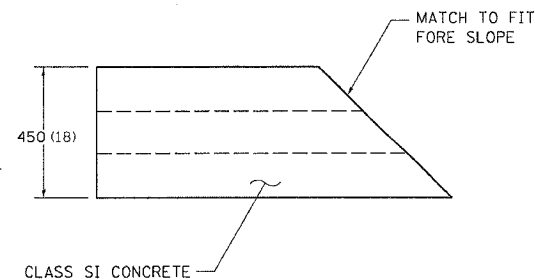
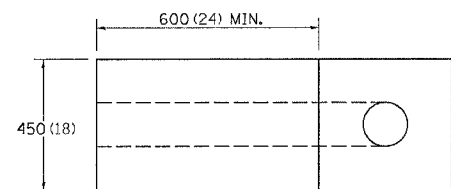
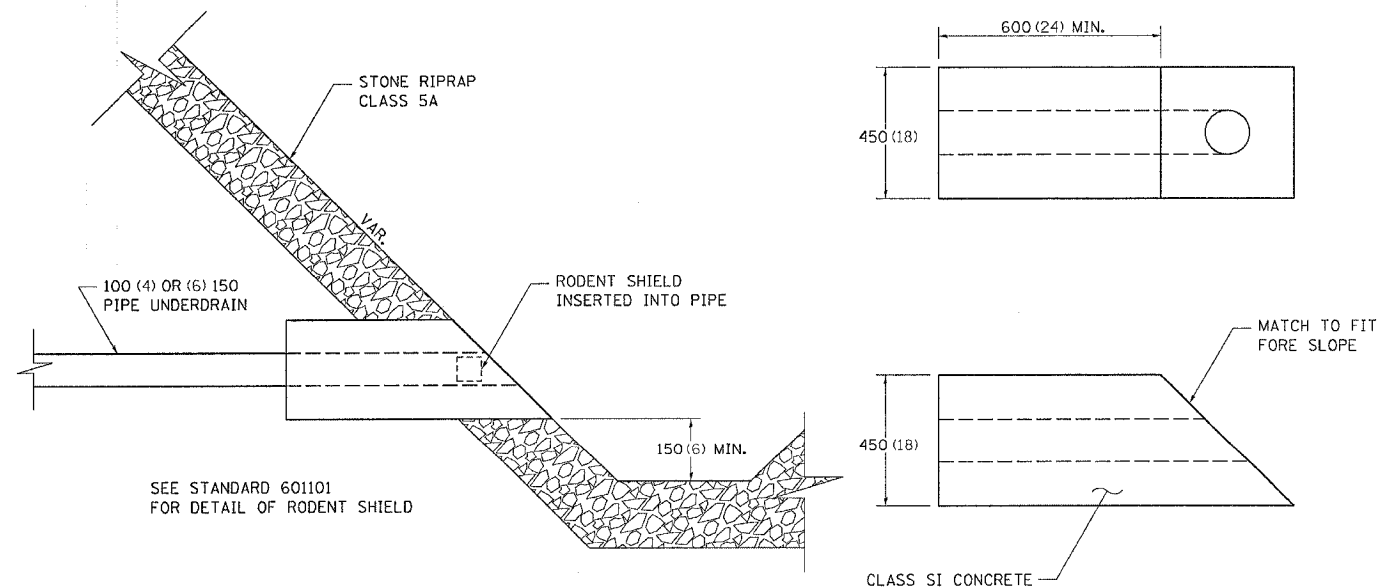
REMOVAL OF MATERIAL FOR PLACEMENT OF THE BITUMINOUS SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

BITUMINOUS SHOULDER 23.4a

REVISED 5-30-03

CONCRETE HEADWALLS FOR PIPE DRAINS

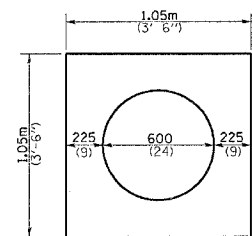


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

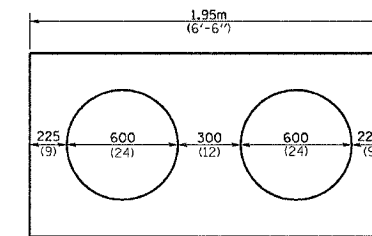
CONCRETE HEADWALLS FOR PIPE DRAINS 27.4

REVISED 10-15-04

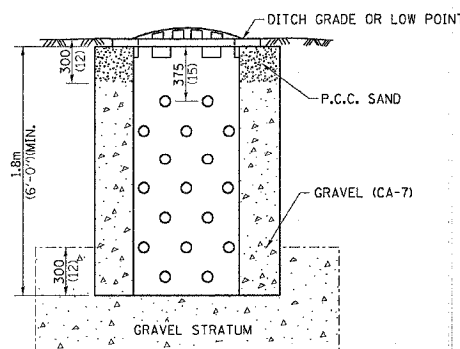
STONE WELL SPECIAL



PLAN SINGLE STONE WELL



PLAN DOUBLE STONE WELL



NOTE:

THE INSIDE LINER OF THE STONEWELL SHALL BE A 600 (24) CORRUGATED METAL PIPE OF THE SAME QUALITY AS SPECIFIED FOR PIPE CULVERTS, TYPE 1. THE PERFORATIONS SHALL BEGIN 375 (15) FROM THE TOP OF THE STONEWELL AT THE RATE OF 4 HOLES PER 0.093m (FT²) FOOT. THE SIZE OF THE HOLES SHALL NOT BE LESS THAN 8 (5/16) OR MORE THAN 16 (5/8) DIAMETER. DOUBLE STONEWELL TO BE PAID FOR AS TWO (2) STONEWELLS. STANDARD GRATE TYPE B (STD. 604036) WILL BE USED. THE CONTRACT UNIT PRICE FOR STONEWELLS SPECIAL SHALL INCLUDE ALL MATERIALS AND LABOR FOR THE COMPLETE IN PLACE STONEWELL.

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

STONE WELL SPECIAL 30.4

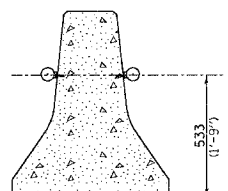
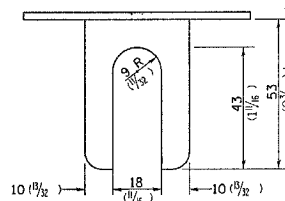
REVISED 5-4-94

PLT DATE = Fri Sep 01 10:16:11 2006
FILE NAME = c:\p\m\m\m\p\213106\d13106pl.dgn
PLT SCALE = 50.0000 / IN.
REFERENCE = 48234

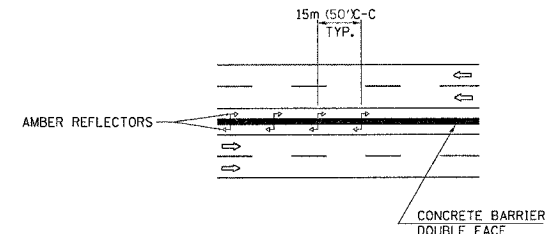
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	100
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BARRIER REFLECTORS

BARRIER REFLECTOR BRACKET

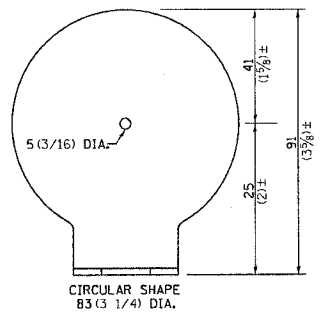


REFLECTOR MOUNTED ON CONCRETE BARRIER

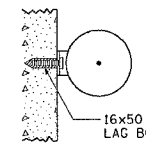
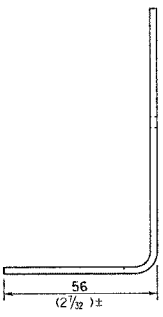


NOTES:

BRACKET TO BE FABRICATED FROM 12 GAUGE (MIN) STEEL GALVANIZED IN ACCORDANCE WITH ASSHTO M 111.
 INSTALL AMBER REFLECTORS WITH SPACING OF 15m (50') CENTERS.
 BRACKET SHALL BE PLACED BETWEEN THE BOLT HEAD AND THE PLATE WASHER.
 REFLECTORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 784.07 OF THE STANDARD SPECIFICATIONS.
 THIS WORK SHALL BE CONSIDERED INCIDENTAL TO UNIT COST OF CONCRETE BARRIER.
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



CIRCULAR SHAPE 53 (2 1/4) DIA.

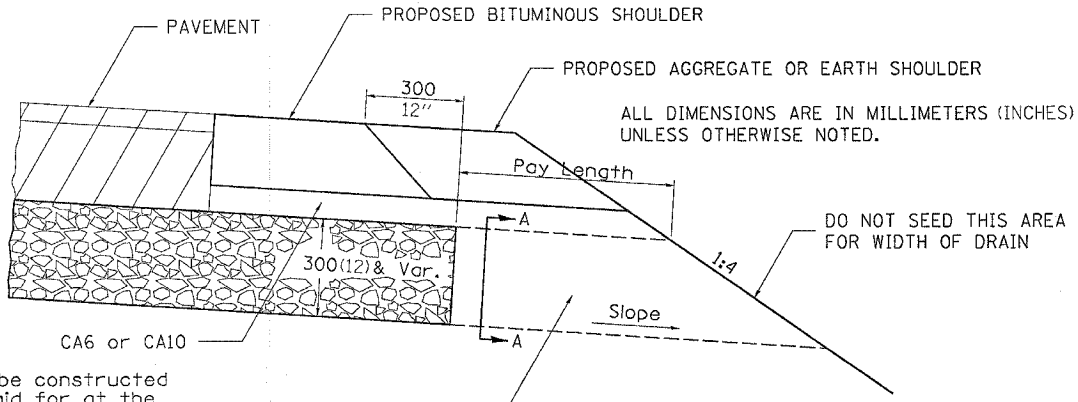


TYPICAL MOUNTING WITH REFLECTOR, BRACKET, & BOLT

BARRIER REFLECTORS 92.4

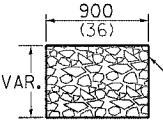
REVISED 10-15-04

DRAIN FOR AGGREGATE BASE COURSE



NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per m² (SQ. YD.) for DRAIN FOR AGGREGATE BASE COURSE. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in m² (SQ. YD.), the width being 900 (36) by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per m² (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for Riprap.



SECTION A-A

ROCK OUTLET AT ALL LOW POINTS TO BE 900 (36) WIDE AND EXTEND TO FORESLOPE
 FILTER FABRIC (on all sides except the foreslope)

NOTE: Slope same as shoulder with 2% min.

DRAIN FOR AGGREGATE BASE COURSE 96.4

REVISED 6-5-06

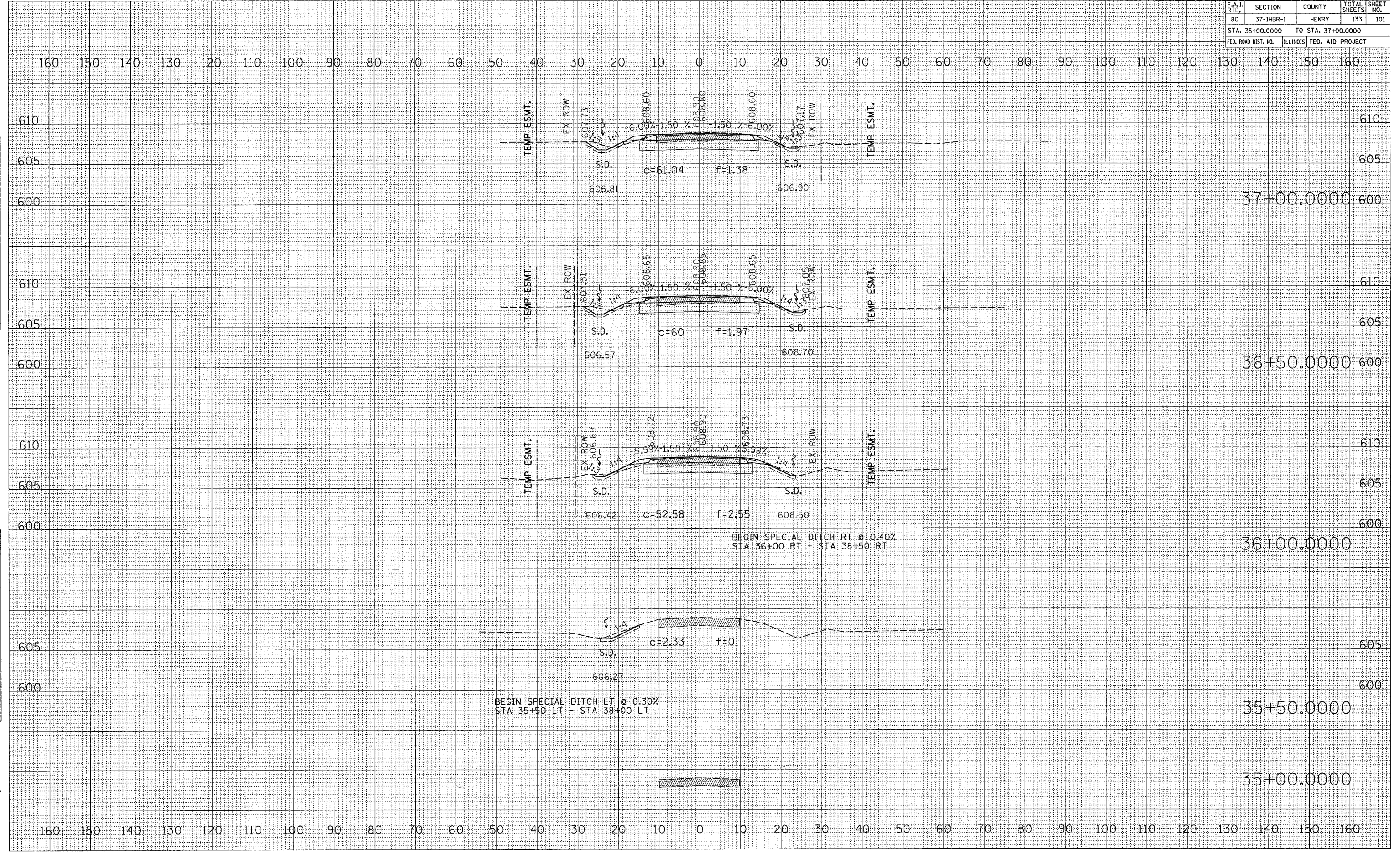
PLOT DATE = Fri, 01/19/2006
 FILE NAME = c:\projects\23180\23180.dwg
 PLOT SCALE = 50.0000 / IN.
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	101
STA. 35+00.0000 TO STA. 37+00.0000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE = Fri, Sep 11 10:51:41 2009
 FILE NAME = e:\work\popsa\23108\rd13108-1.dwg
 PLOT SCALE = 10.0000" / 1"
 USER NAME = mskarlj

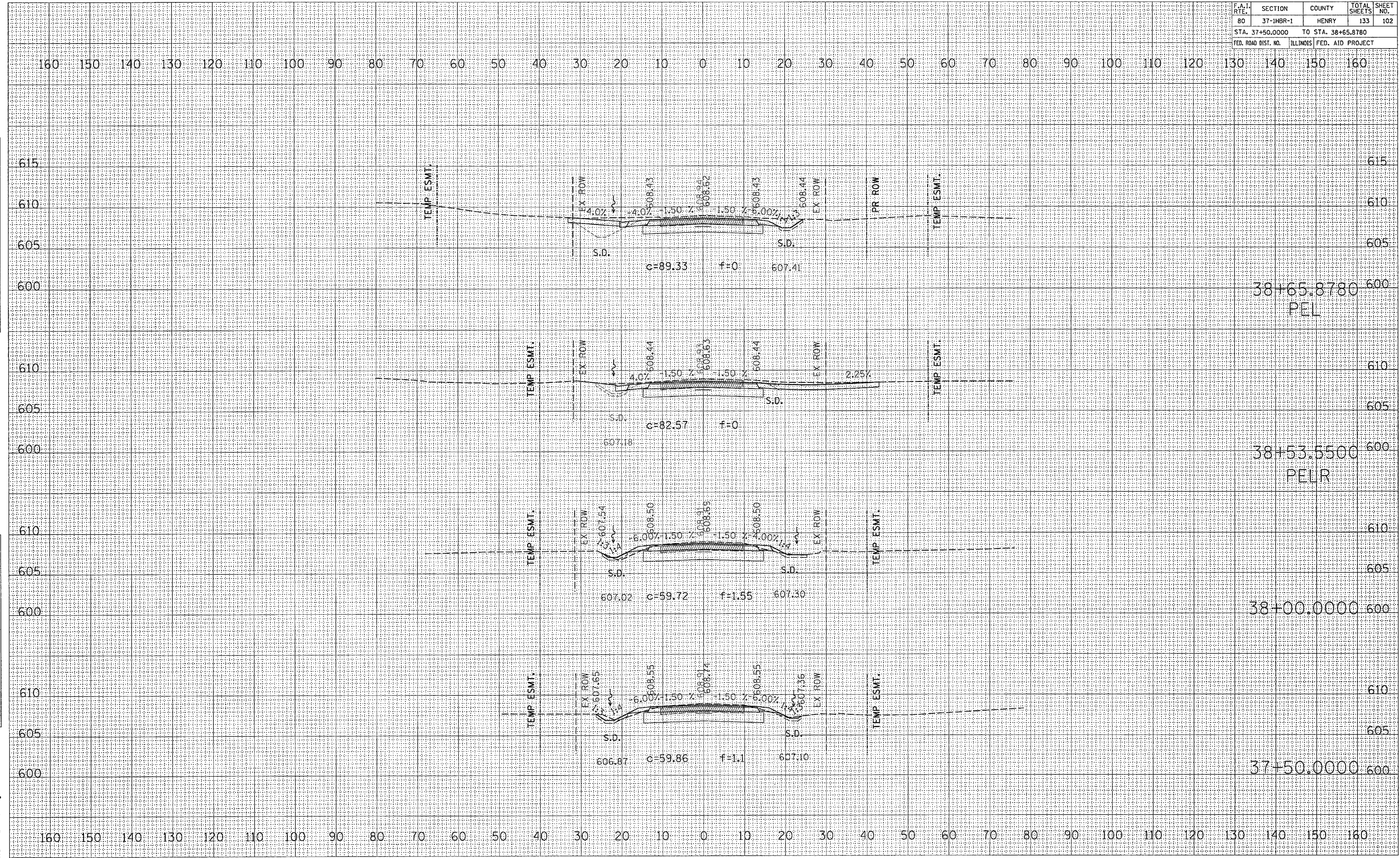


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	102
STA. 37+50.0000		TO STA. 38+65.8780		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

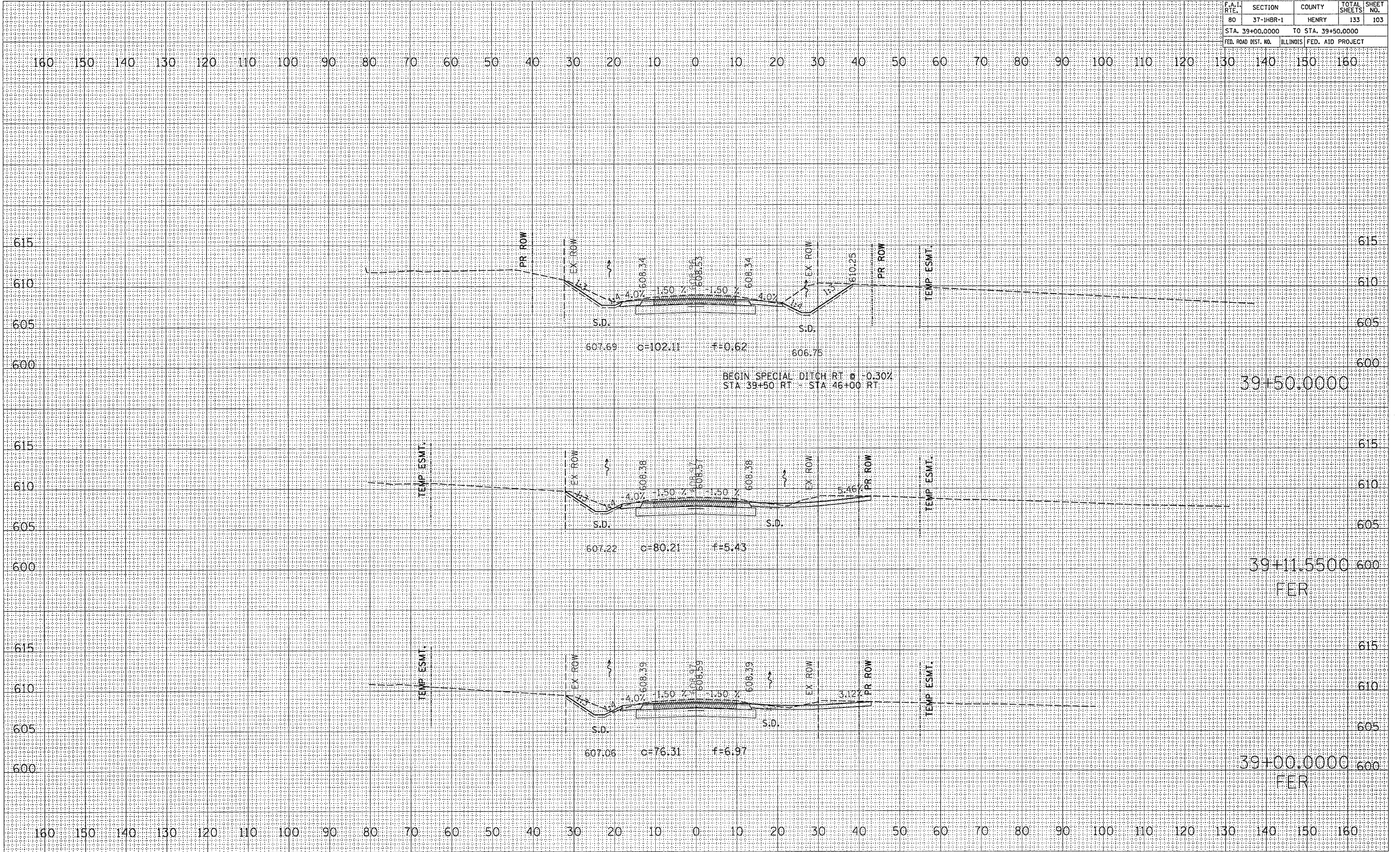
FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

PLOT DATE: 8/18/2005
 FILE NAME: c:\pvc\pvc\23100\dl3100a1.dwg
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: jenkinsj



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	103
STA. 39+00.0000 TO STA. 39+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



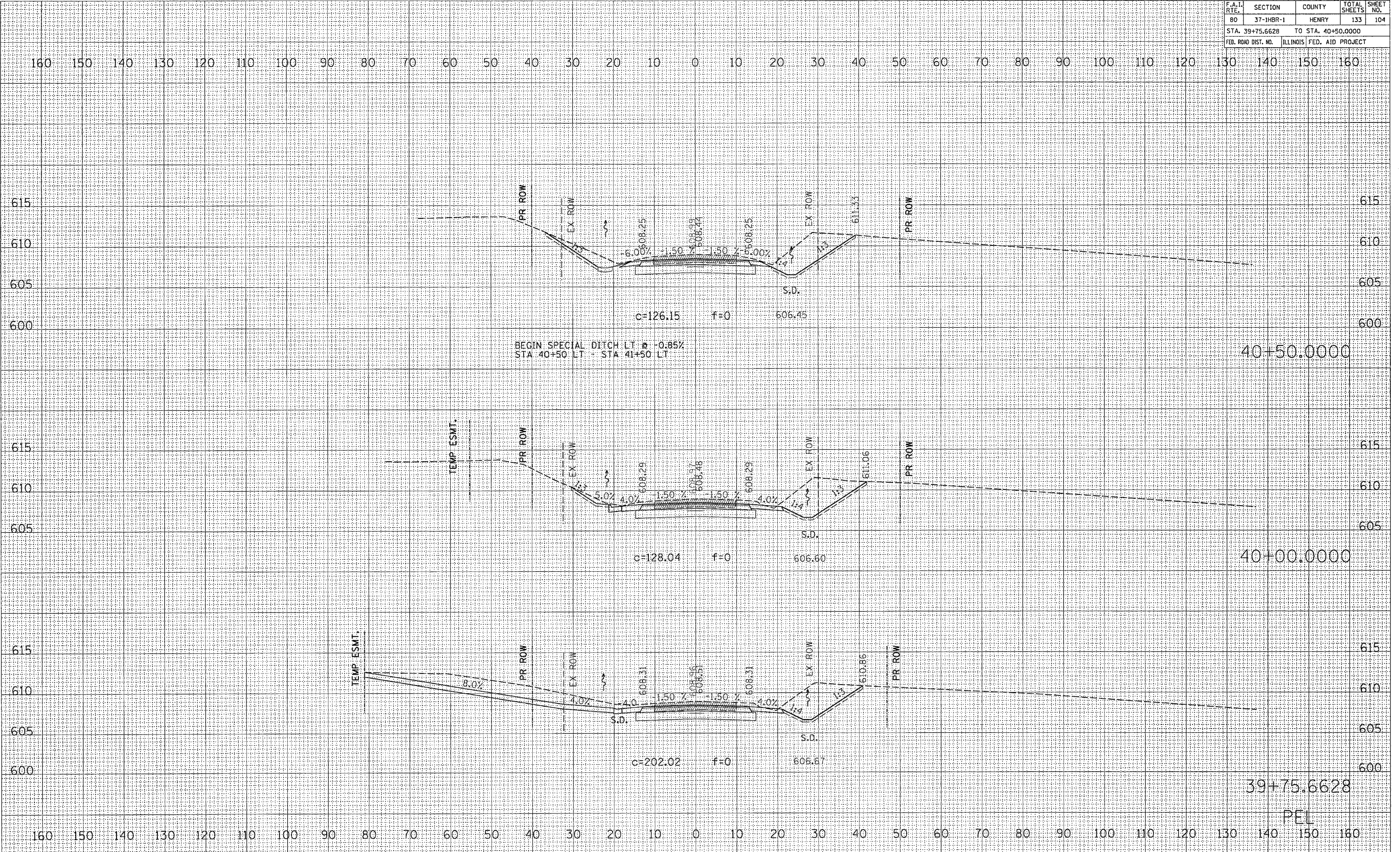
BY	DATE

BY	DATE

ORIGINAL SURVEY	DATE

PLOT DATE = Fri Sep 01 16:43:43 2006
PLOT SCALE = 1/4"=100'
USER NAME = pntsalj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	104
STA. 39+75.6628		TO STA. 40+50.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BEGIN SPECIAL DITCH LT @ -0.85%
STA 40+50 LT - STA 41+50 LT

40+50.0000

40+00.0000

39+75.6628

PEL

POPPY GARDEN RD

BY	DATE
SURVEYED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
NOTE BOOK	
AREAS CHECKED	
NO.	

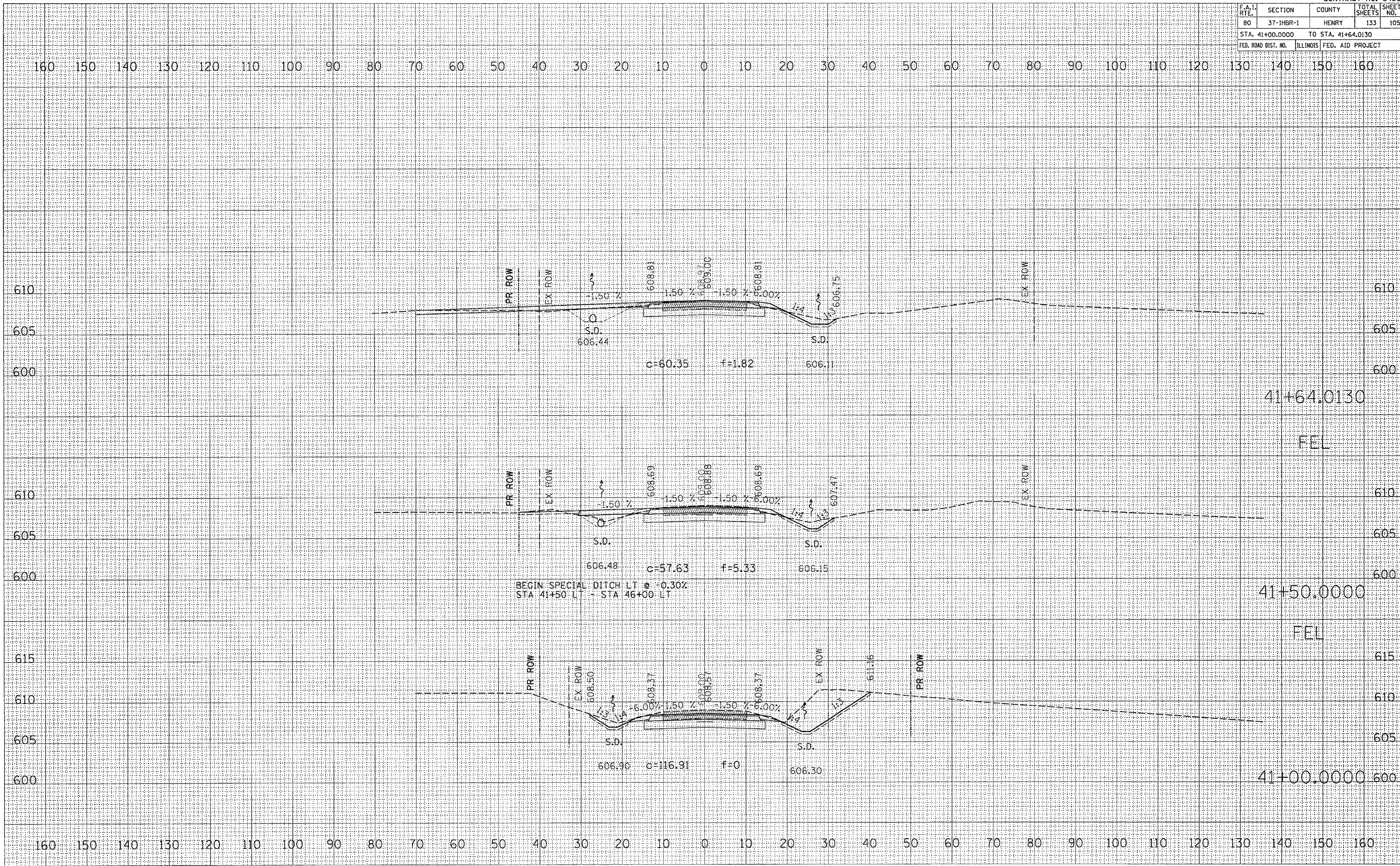
PLOT DATE = F:_Exp 01 1616143_2006
FILE NAME = c:\pcc\mass\2013100\13100a1.dwg
PLOT SCALE = 1/8" = 100'
USER NAME = rnkentj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	105
STA. 41+00.0000		TO STA. 41+64.0130		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
SURVEYED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

PLOT DATE = Fri, Sep 01 10:16:44 2006
 FILE NAME = c:\pca\mss\3108\3108a1.dgn
 PLOT SCALE = 1/8" = 100'-0"
 USER NAME = rnkansj

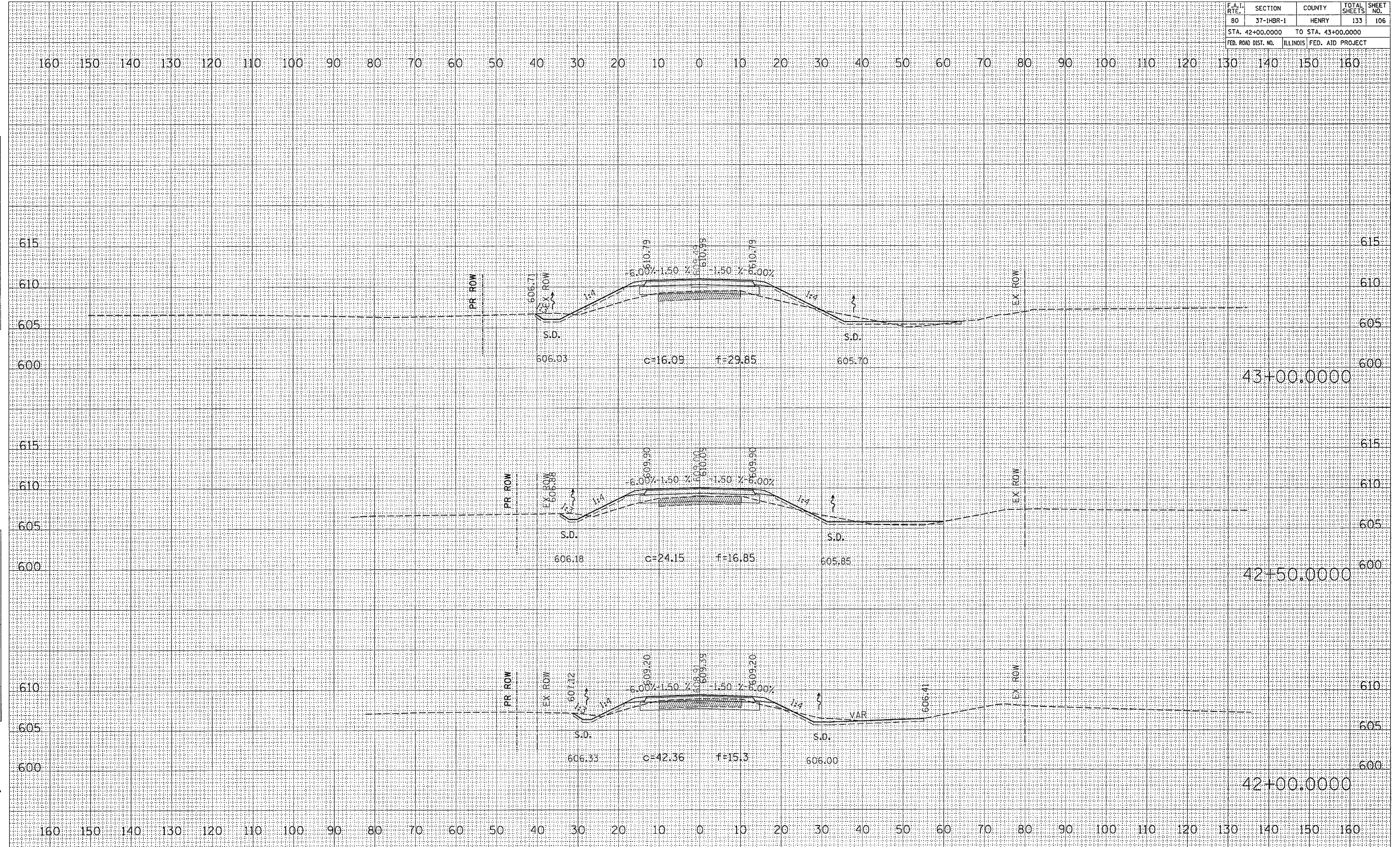


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	106
STA. 42+00.0000		TO STA. 43+00.0000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = Fri, Sep 01 10:18:44, 2006
 FILE NAME = c:\pvc\pvcsta2\3108\vd13106\vd13106.dwg
 PLOT SCALE = 0.0000 / IN.
 USER NAME = markesj

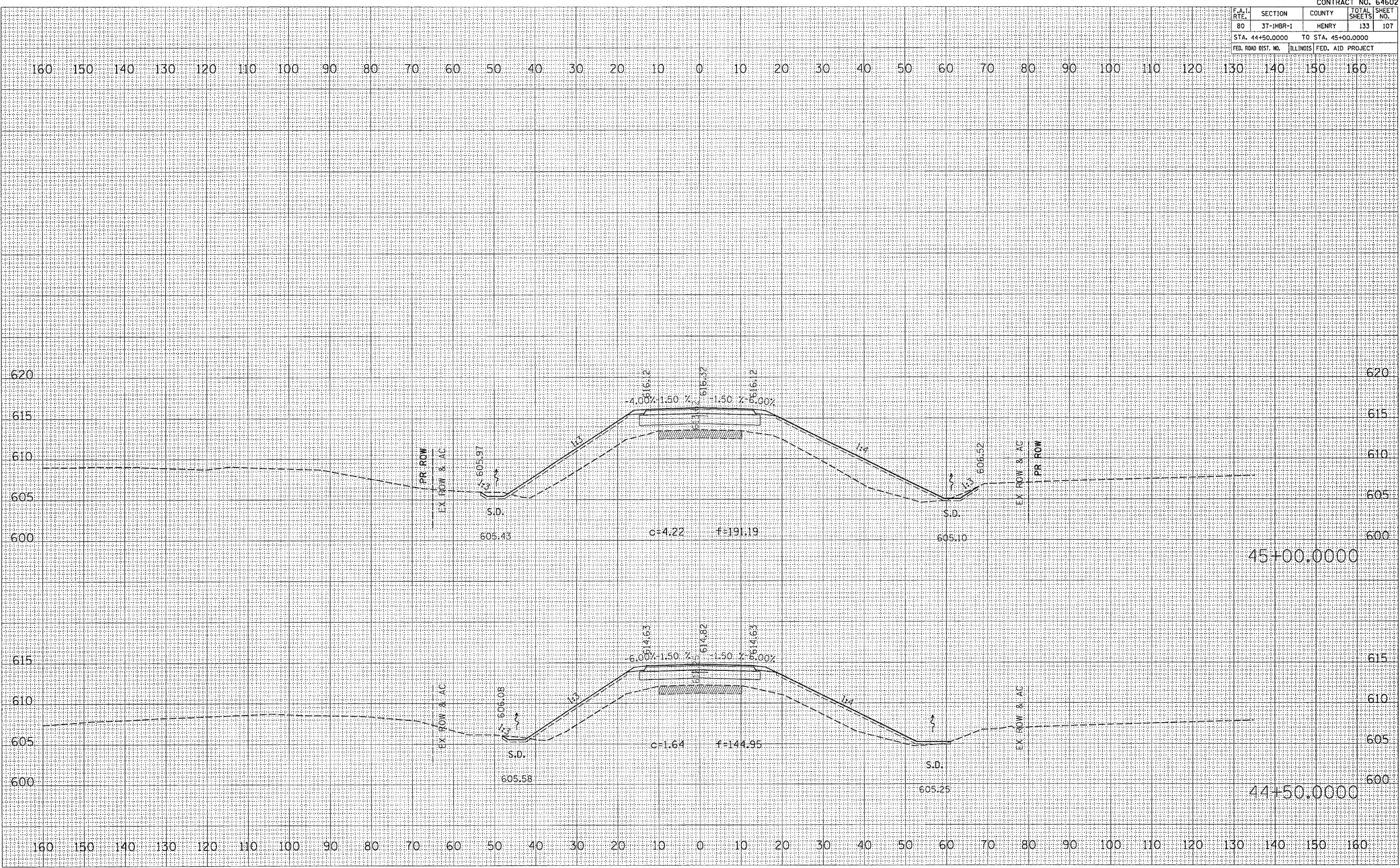


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	107
STA. 44+50.0000		TO STA. 45+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
FINISHED SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

PLOT DATE = F:_50_011010145_2006
 FILE NAME = c:\pwork\sta23100\cd13100.dwg
 PLOT SCALE = 1/2"=100'
 USER NAME = rantes1j

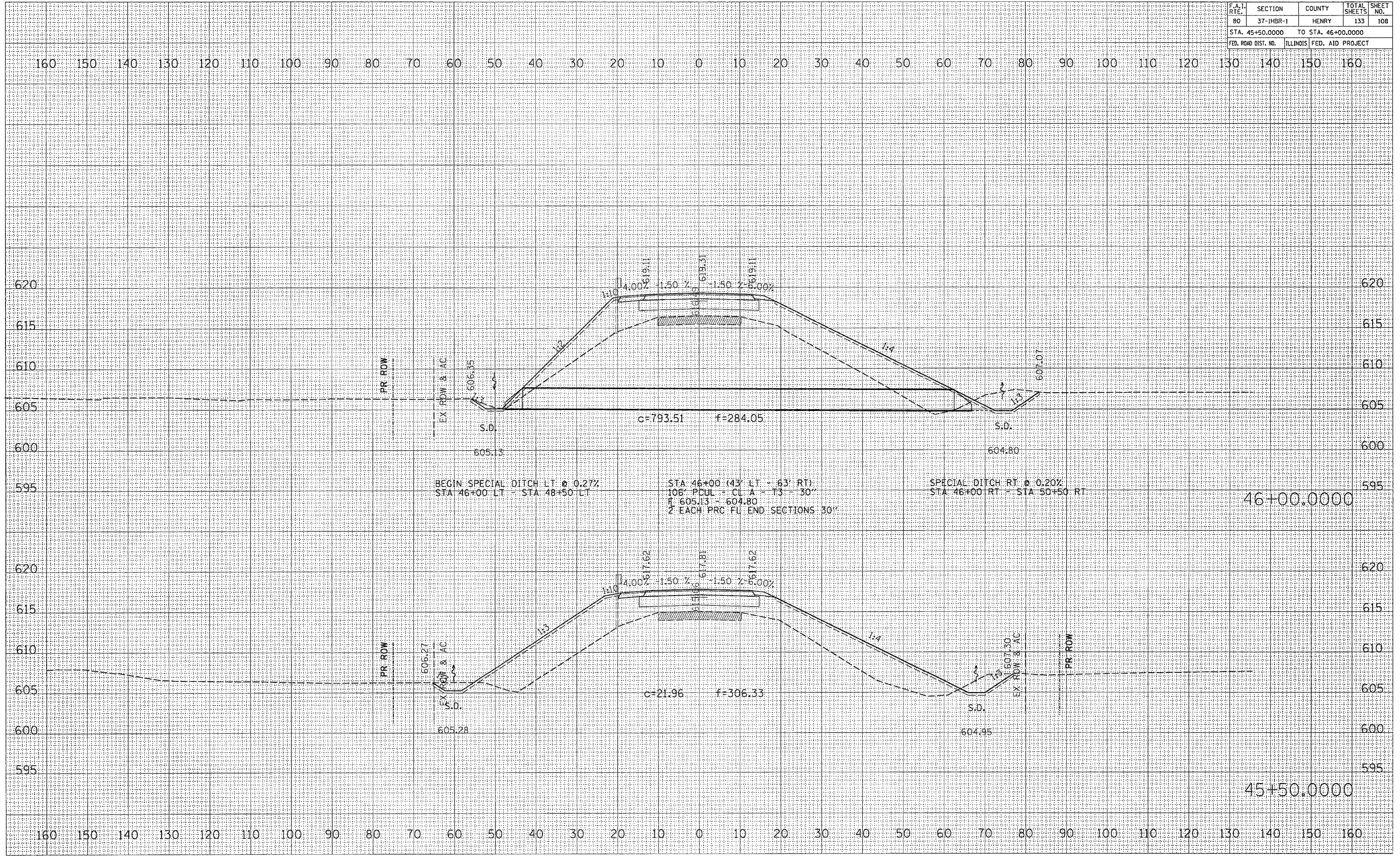


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	108
STA. 45+50.0000		TO STA. 46+00.0000		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	

DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	
DATE	
BY	
FINISHED	
REVISIONS	
NO.	

PLOT DATE = Fri Sep 01 12:45:45 2006
 FILE NAME = c:\p\proj\p213180\p213180.dwg
 PLOT SCALE = 1/4" = 100'
 USER NAME = jfranklin

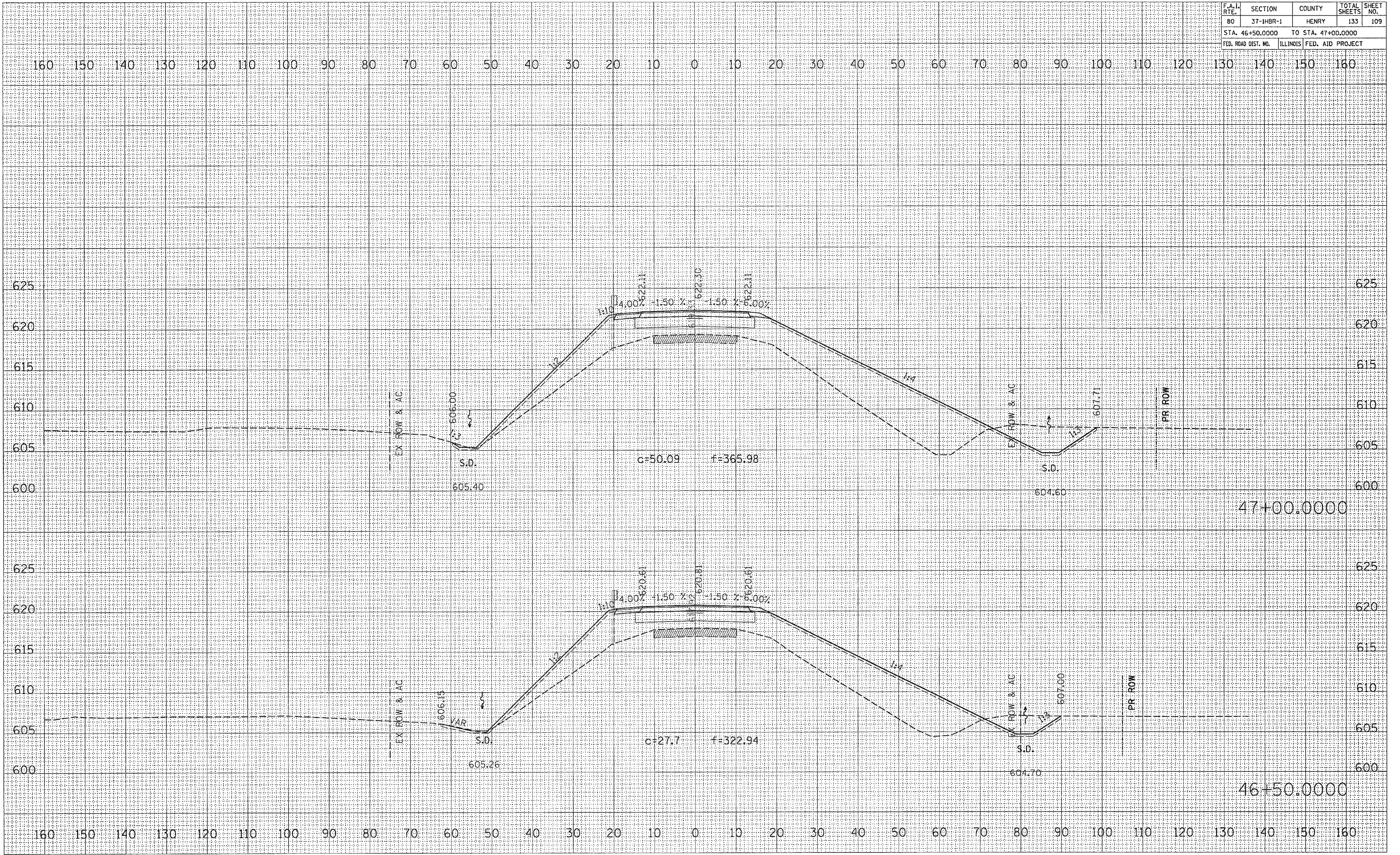


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	109
STA. 46+50.0000 TO STA. 47+00.0000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

PLOT DATE = Fri Sep 01 10:08:46 2006
 FILE NAME = c:\p\projects\213109a\13109a.dwg
 PLOT SCALE = 10.0000' / 1" = 1000.0000
 USER NAME = rnkwalj

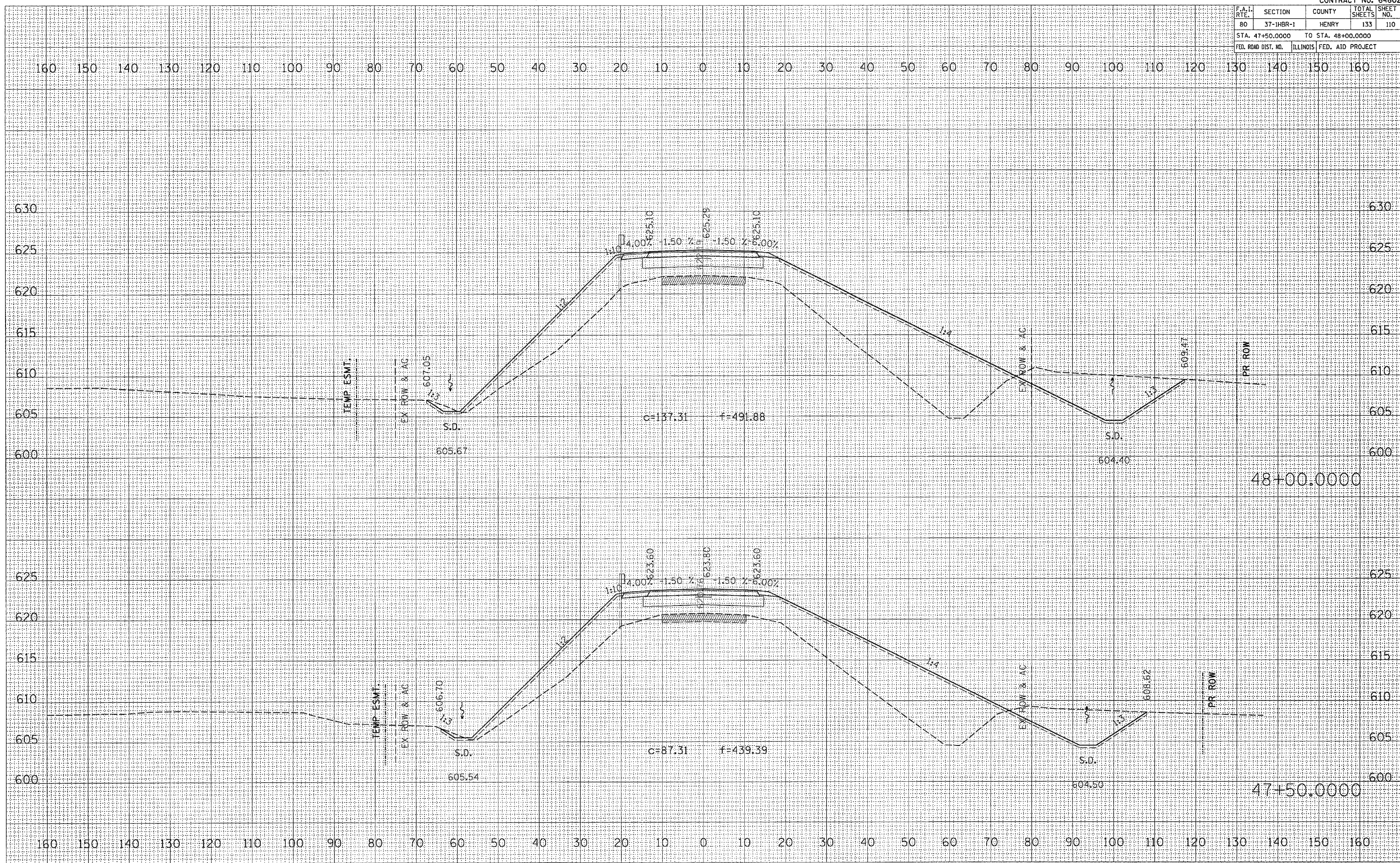


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	110
STA. 47+50.0000		TO STA. 48+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	DATE
BY	
NO.	

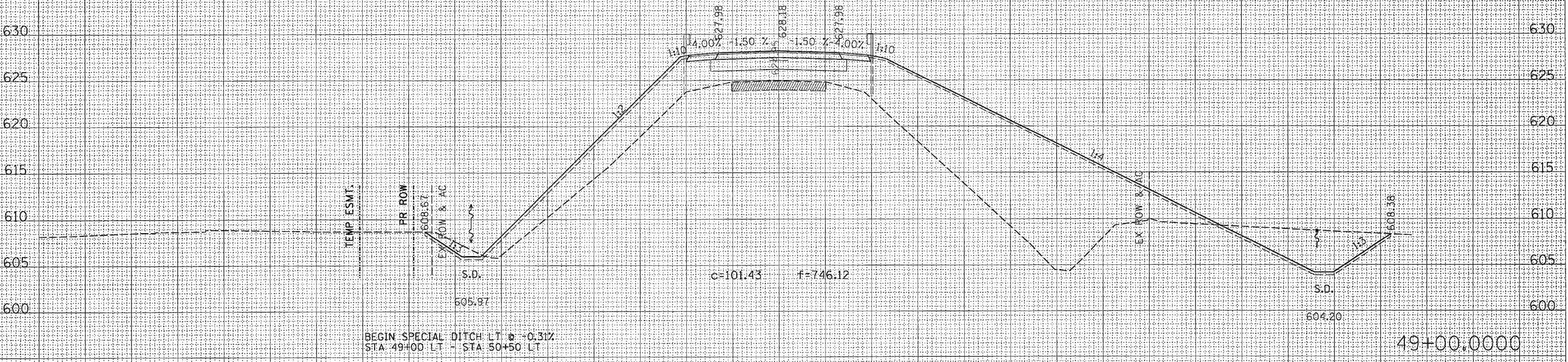
ORIGINAL SURVEY	DATE
BY	
NO.	

PLOT DATE = Fri Sep 01 10:41:46 2006
 FILE NAME = c:\projects\213100\213100.dwg
 PLOT SCALE = 1/8" = 100.0000'
 USER NAME = rnkashj

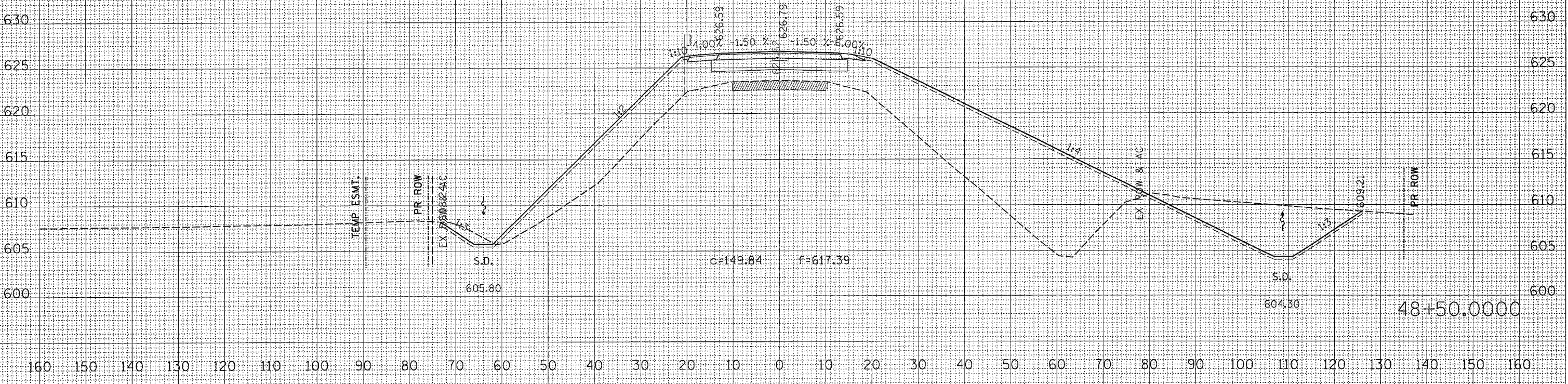


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	111
STA. 48+50.0000		TO STA. 49+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160



49+00.0000



48+50.0000

POPPY GARDEN RD

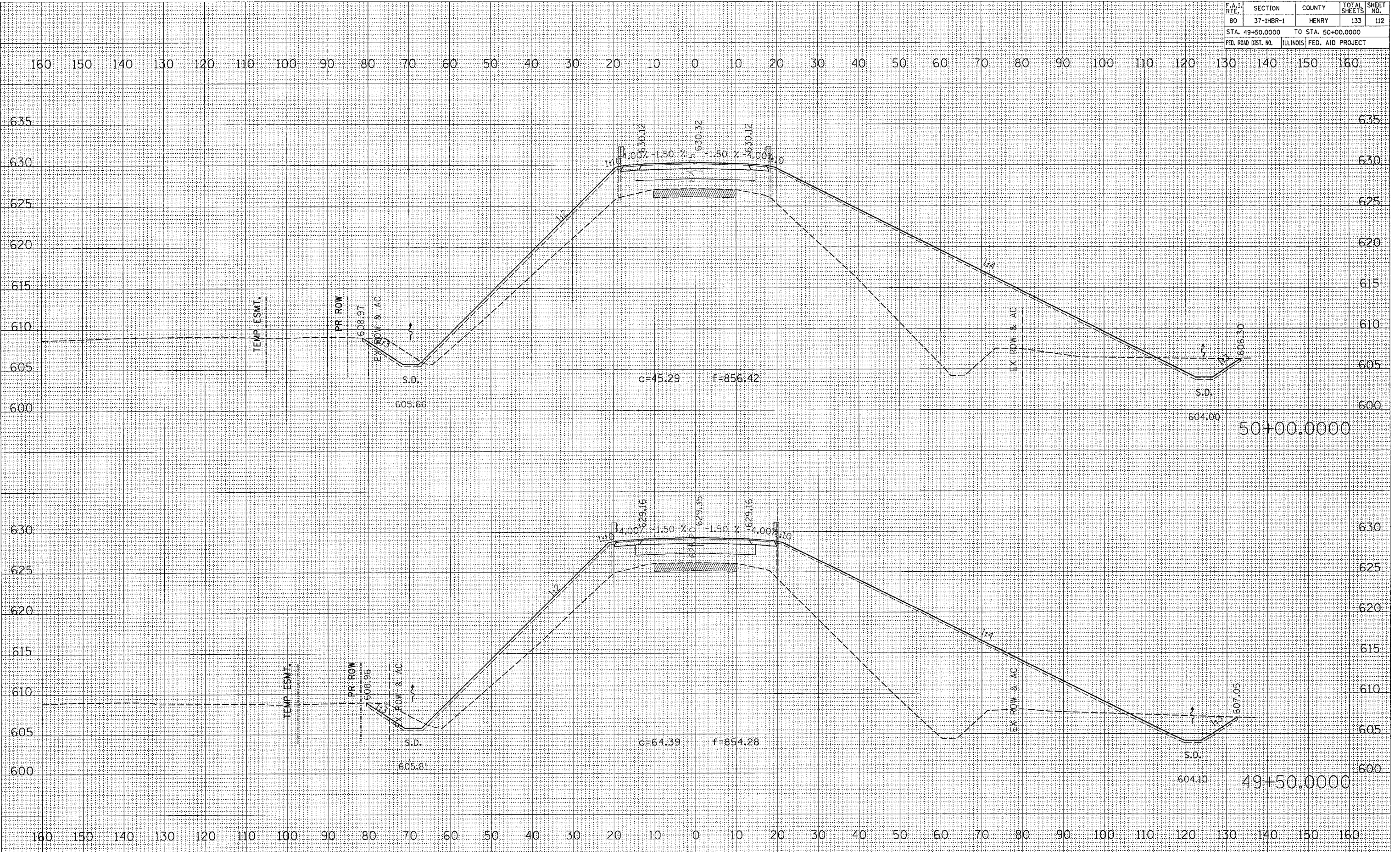
DATE	BY

DATE	BY

PLOT DATE = Fri, Sep 01, 10:18:47, 2006
 FILE NAME = c:\p06\p06\p06\p06\p06\p06.dwg
 PLOT SCALE = 0.00000 / IN.
 USER NAME = jharsh

ORIGINAL SURVEY	DATE
SURVEYED	
TEMPLATE	
AREAS	
AREAS CHECKED	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	112
STA. 49+50.0000		TO STA. 50+00.0000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

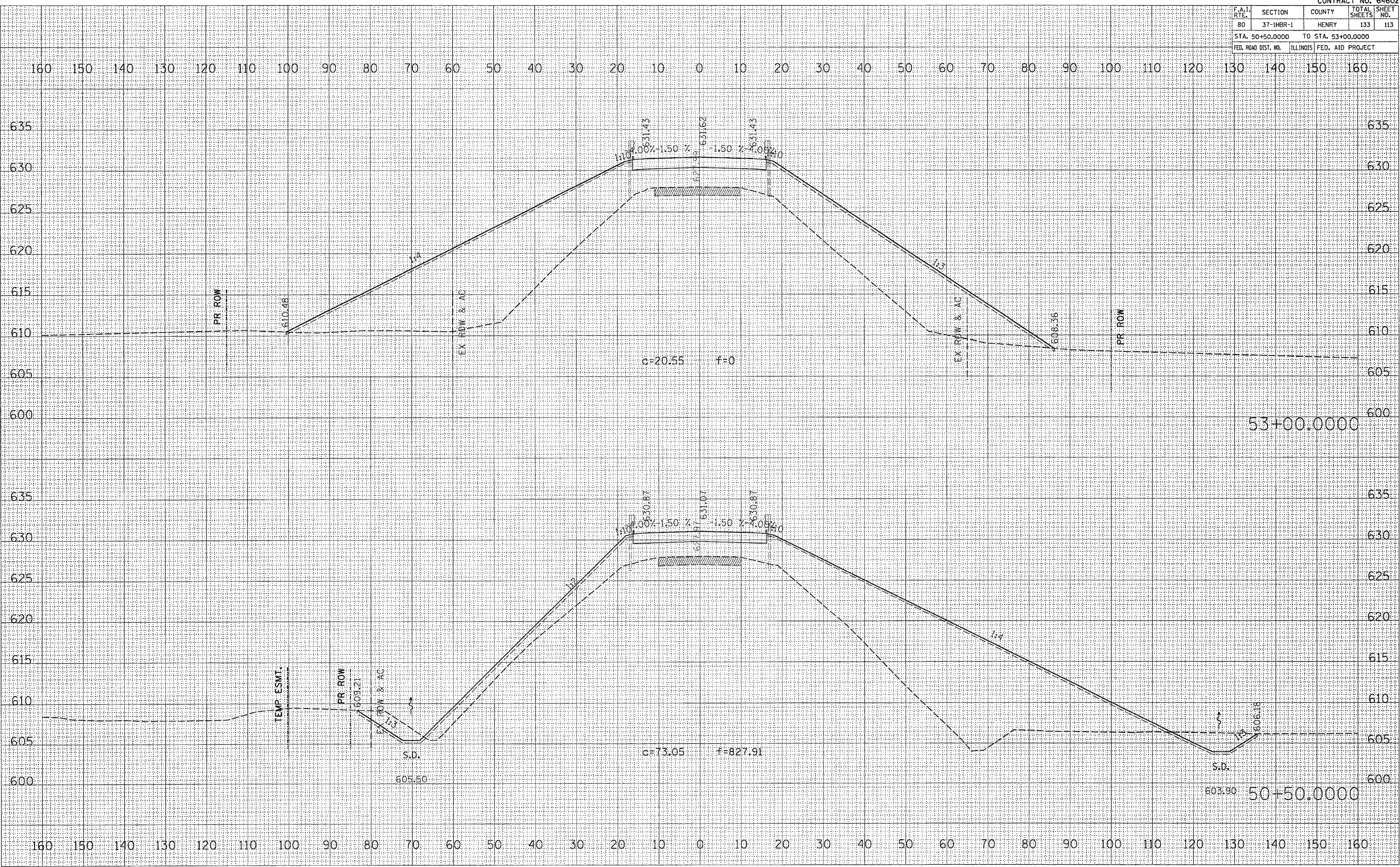


FINAL SURVEYED BY DATE
 SURVEYED BY DATE
 NOTE BOOK NO.
 TEMPLATE NO.
 AREAS CHECKED

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

PLOT DATE = F:_S\B11010147_2006
 FILE NAME = c:\projects\2010\ad13100\ad13100.dwg
 PLOT SCALE = 0.0000 / IN.
 USER NAME = mkesaj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	113
STA. 50+50.0000		TO STA. 53+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

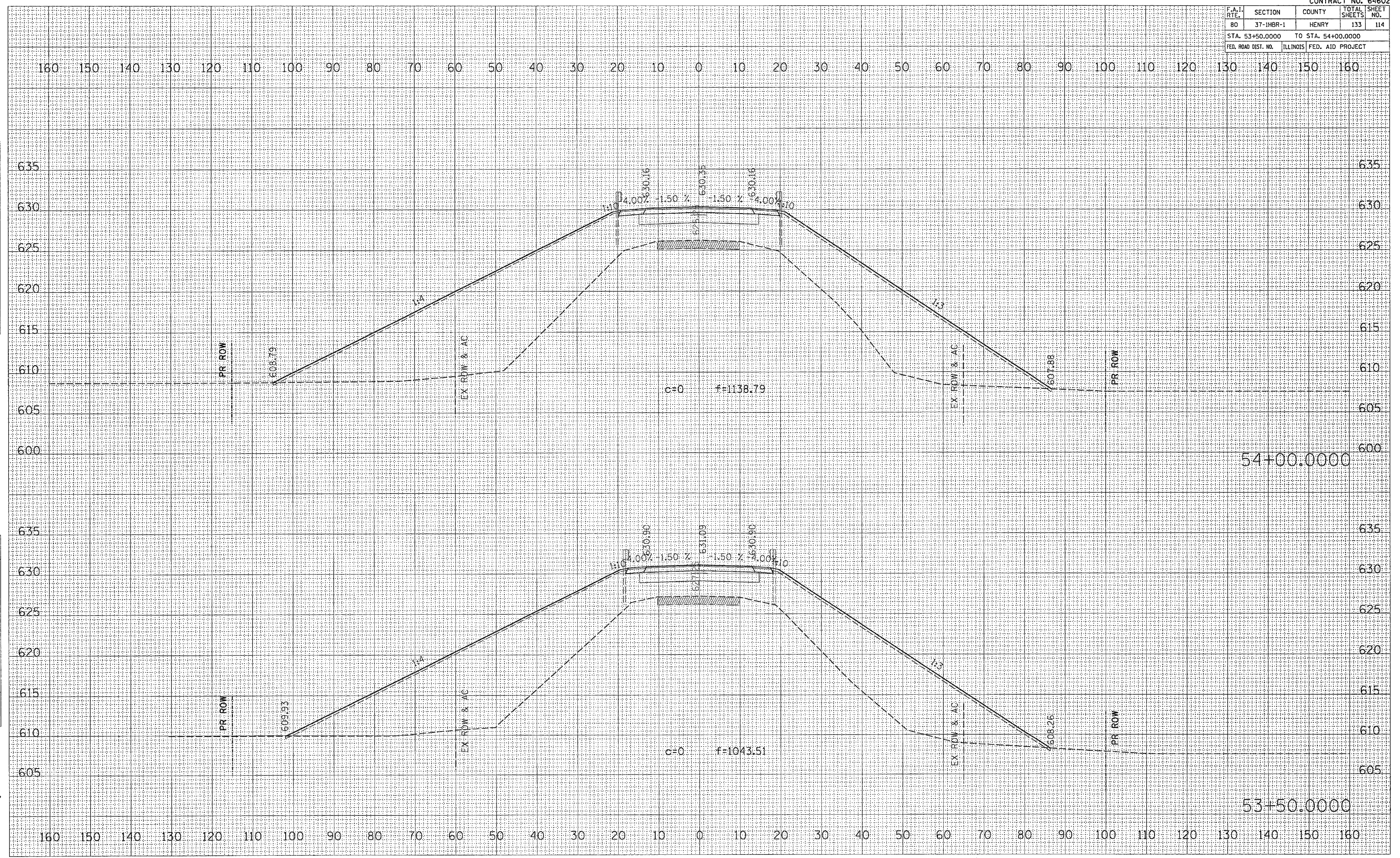
PLOT DATE = Fri Sep 01 10:06:48 2006
 FILE NAME = c:\p\p\m\as\2308\2308.dwg
 PLOT SCALE = 10.0000' / IN.
 USER NAME = rnk\rsj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	114
STA. 53+50.0000		TO STA. 54+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = Fri, Sep 01 10:18:48 2006
FILE NAME = c:\pvc\pvcsta23100\vd13100.mxd
PLOT SCALE = 0.0000 / IN.
USER NAME = mikesj



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	115
STA. 54+50.0000		TO STA. 55+00.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

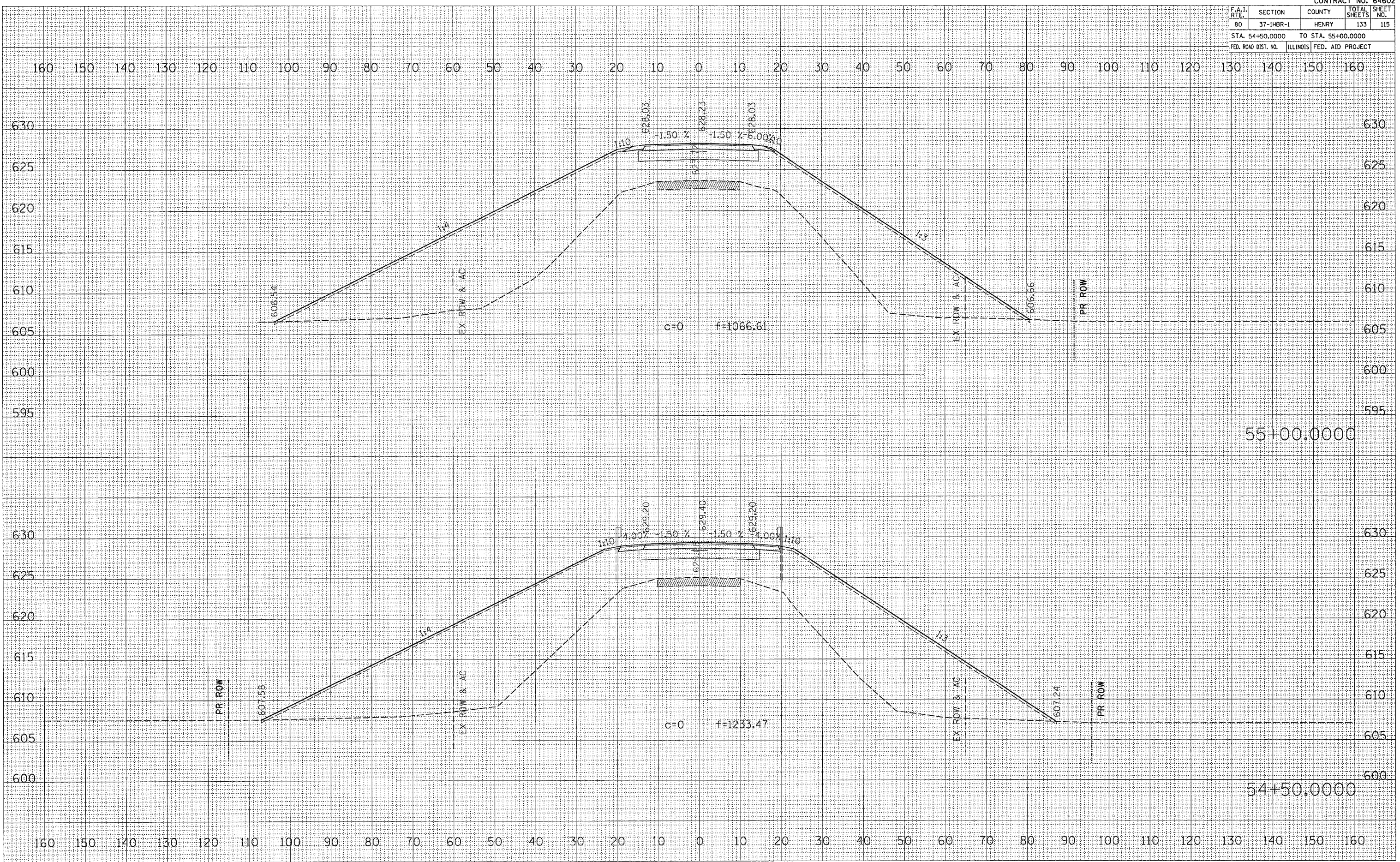
DATE	BY

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	REPLATE
NO.	

DATE	BY

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	REPLATE
NO.	

PLOT DATE = Fri, Sep 01 10:18:44 2006
 PLOT SCALE = 1/4" = 100.0000' / IN.
 USER NAME = rechner1

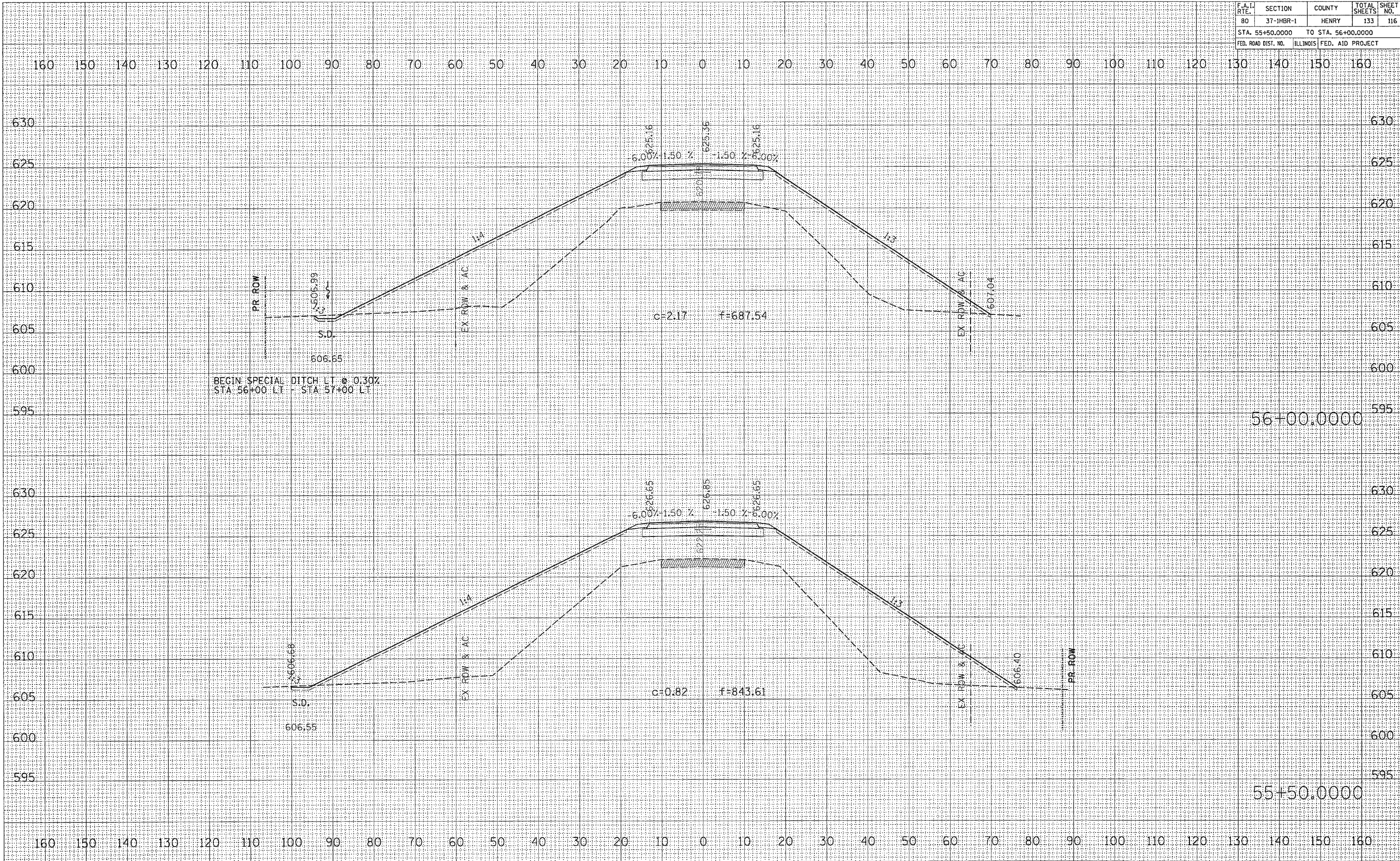


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	116
STA. 55+50.0000 TO STA. 56+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE = Fri Sep 01 10:18:43 2006
 PLOT SCALE = 1/4" = 100'-0" / 1" = 400'-0"
 USER NAME = rnk

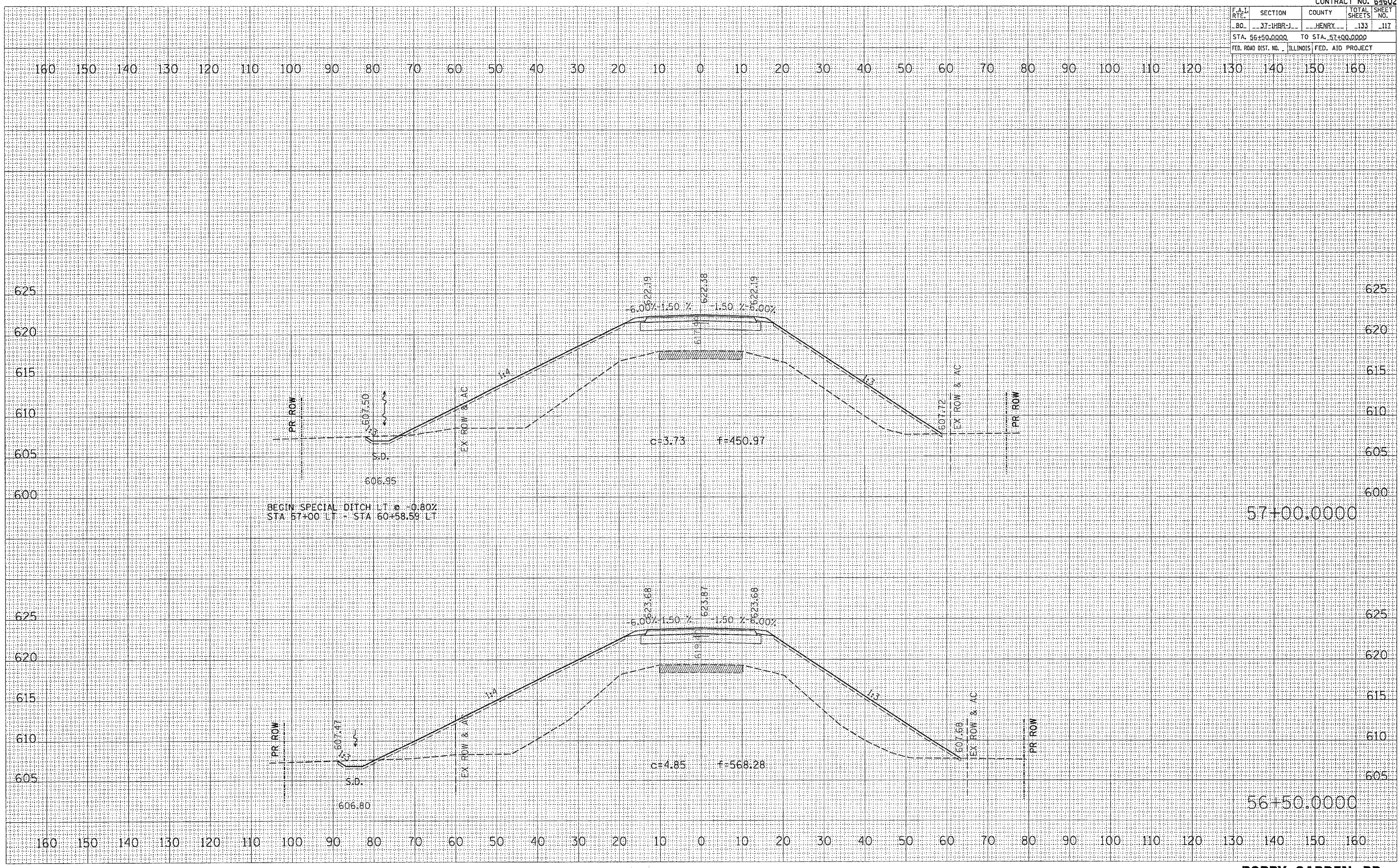


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	117
STA. 56+50.0000 TO STA. 57+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY	SAVED	PLOTTED	NO.

DATE	BY	ORIGINAL SURVEY	PLOTTED	NO.

PLOT DATE = Mon Oct 02 09:49:21 2006
 FILE NAME = c:\p\projects\2100\2100.dwg
 PLOT SCALE = 1/8" = 100'-0"
 USER NAME = jreid

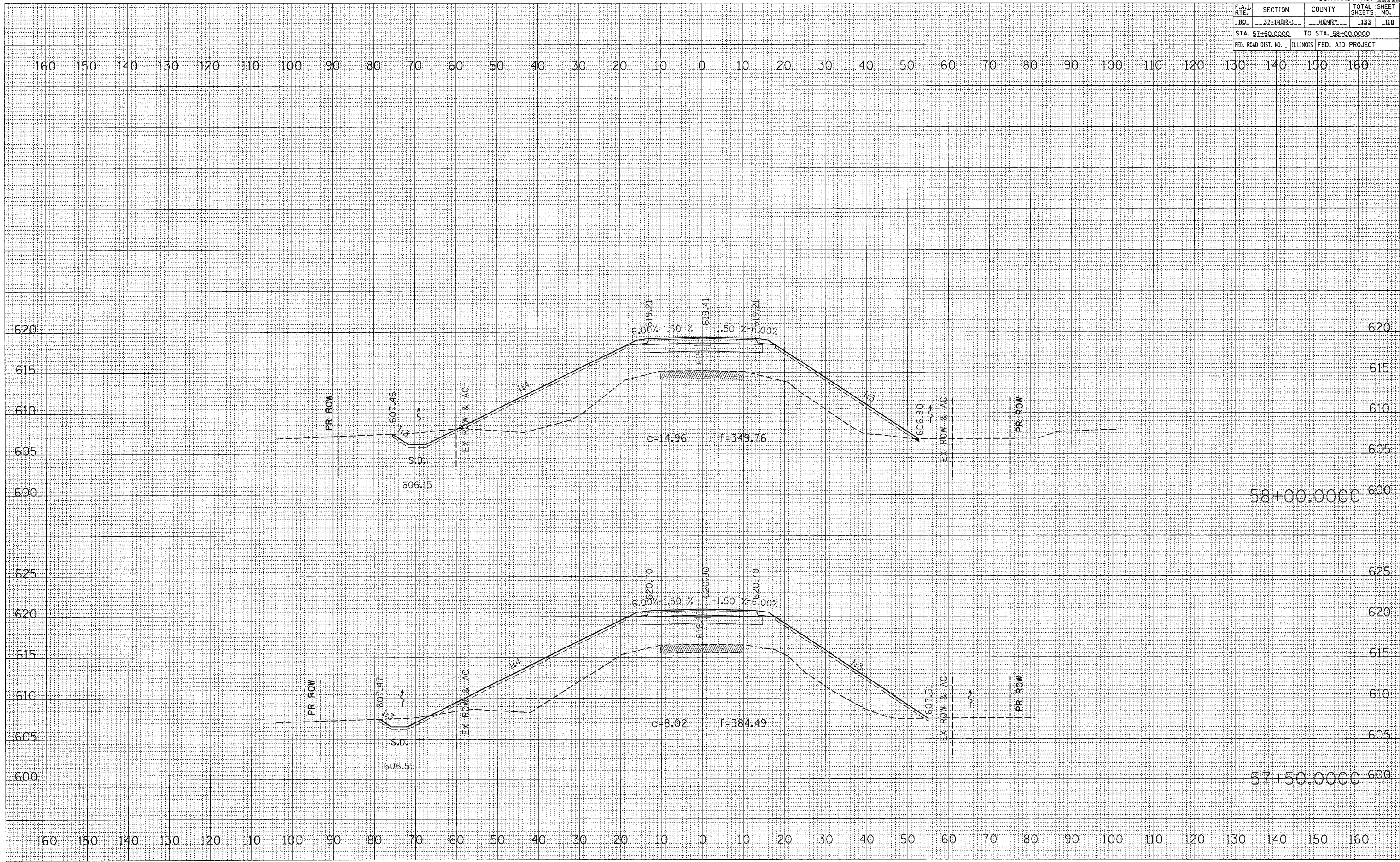


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HRR-J	HENRY	133	118
STA. 57+50.0000		TO STA. 58+00.0000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK NO.	
AREAS CHECKED	

PLOT DATE = Mon Oct 02 09:45:07 2006
 FILE NAME = c:\p3\100\57100.dwg
 PLOT SCALE = 10.0000" / 1"
 USER NAME = rnk\j



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-14BR-1		HENRY	133	119
STA. 58+50.0000 TO STA. 59+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

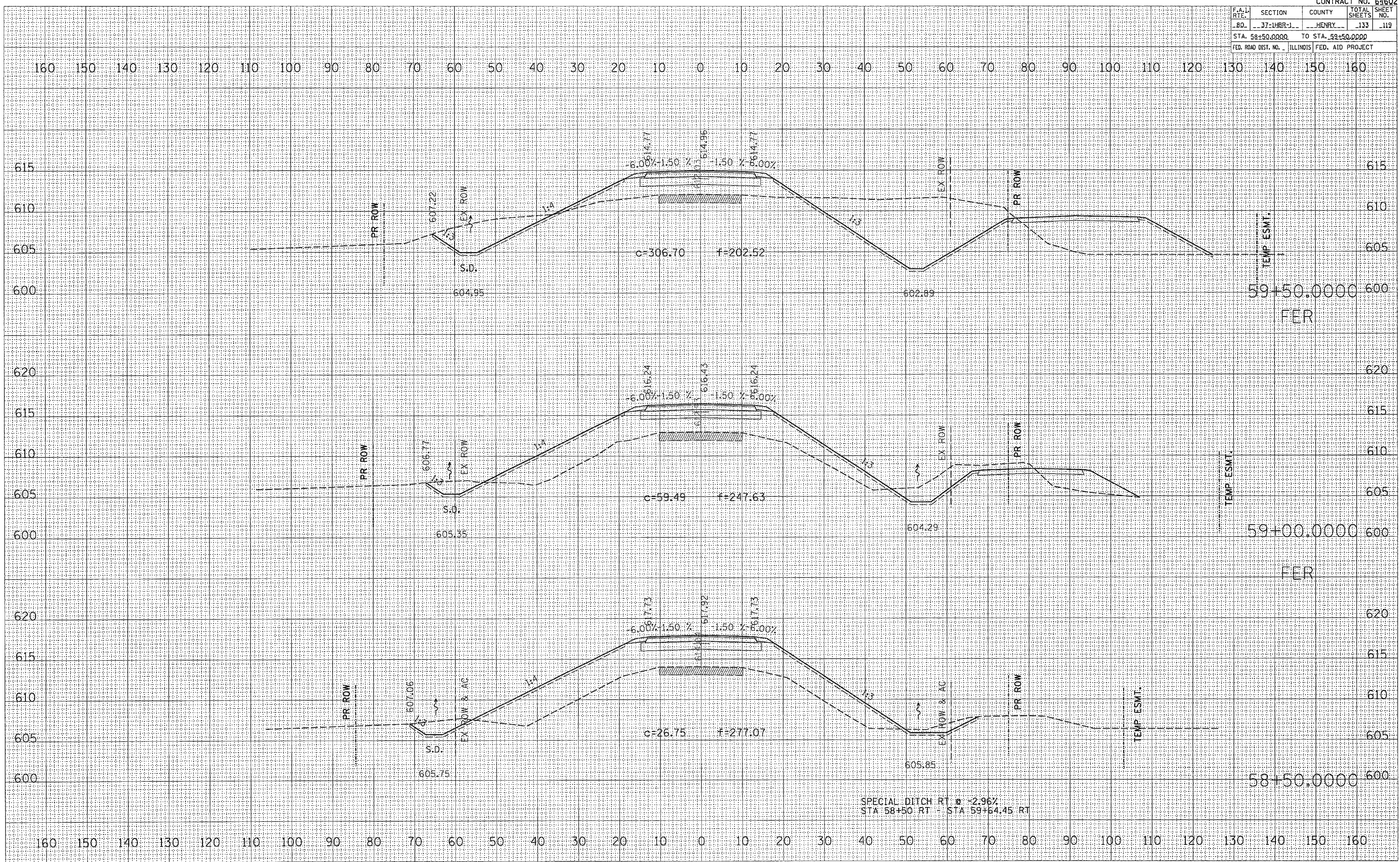
BY	DATE

FINAL SURVEY	DATE

BY	DATE

ORIGINAL SURVEY	DATE

PLOT DATE = Mon Oct 02 11:25:29 2006
 FILE NAME = c:\pops_garden\pops_garden\119.dgn
 USER = j... / IN...
 USER NAME = j...

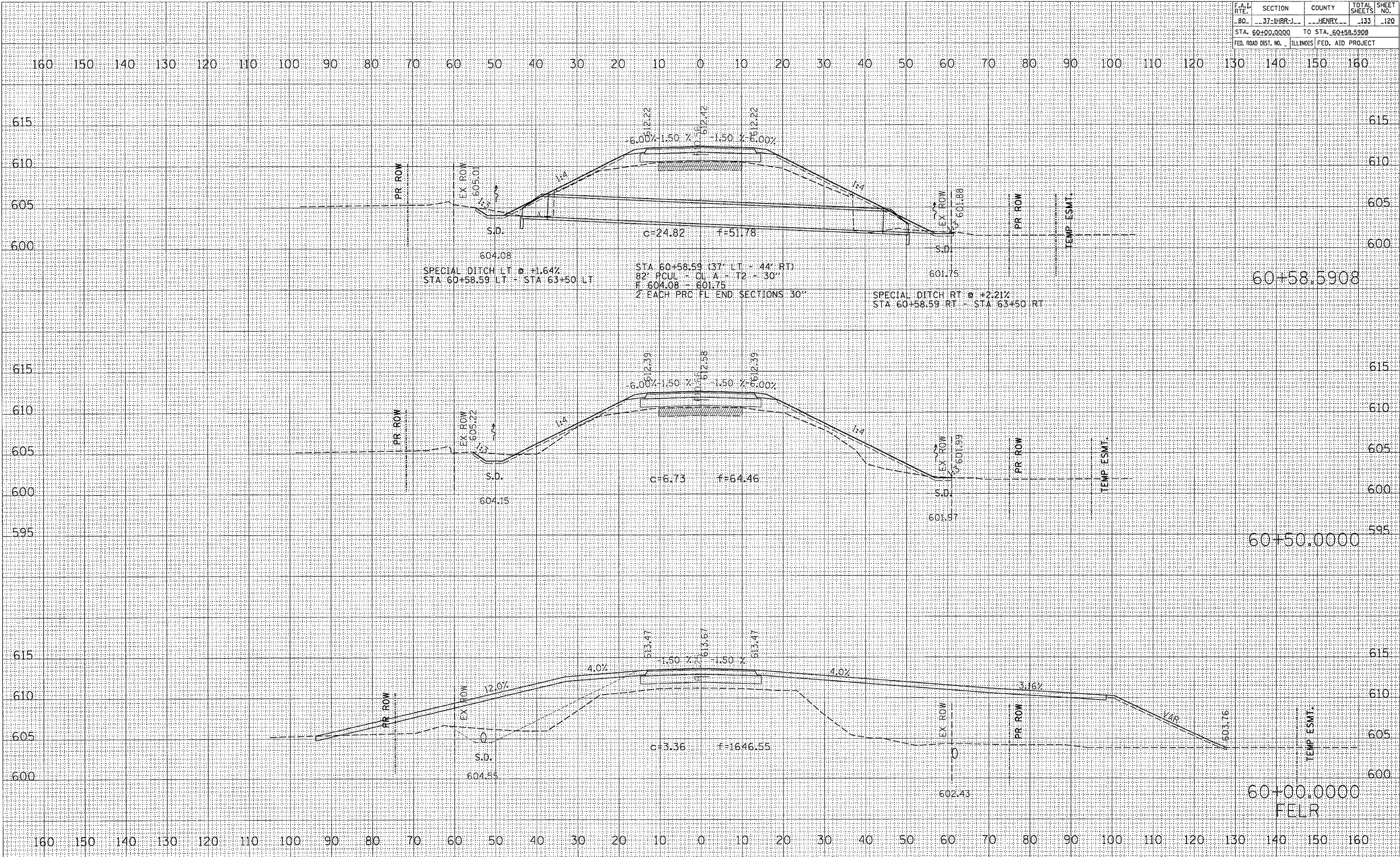


F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-14RR-1		HENRY	133	120
STA. 60+00.0000		TO STA. 60+58.5908		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE Mon Oct 82 11:23:45 AM
 FILE NAME 213188.dwg
 PLOT SCALE 1/8" = 100'
 USER NAME jparkesj

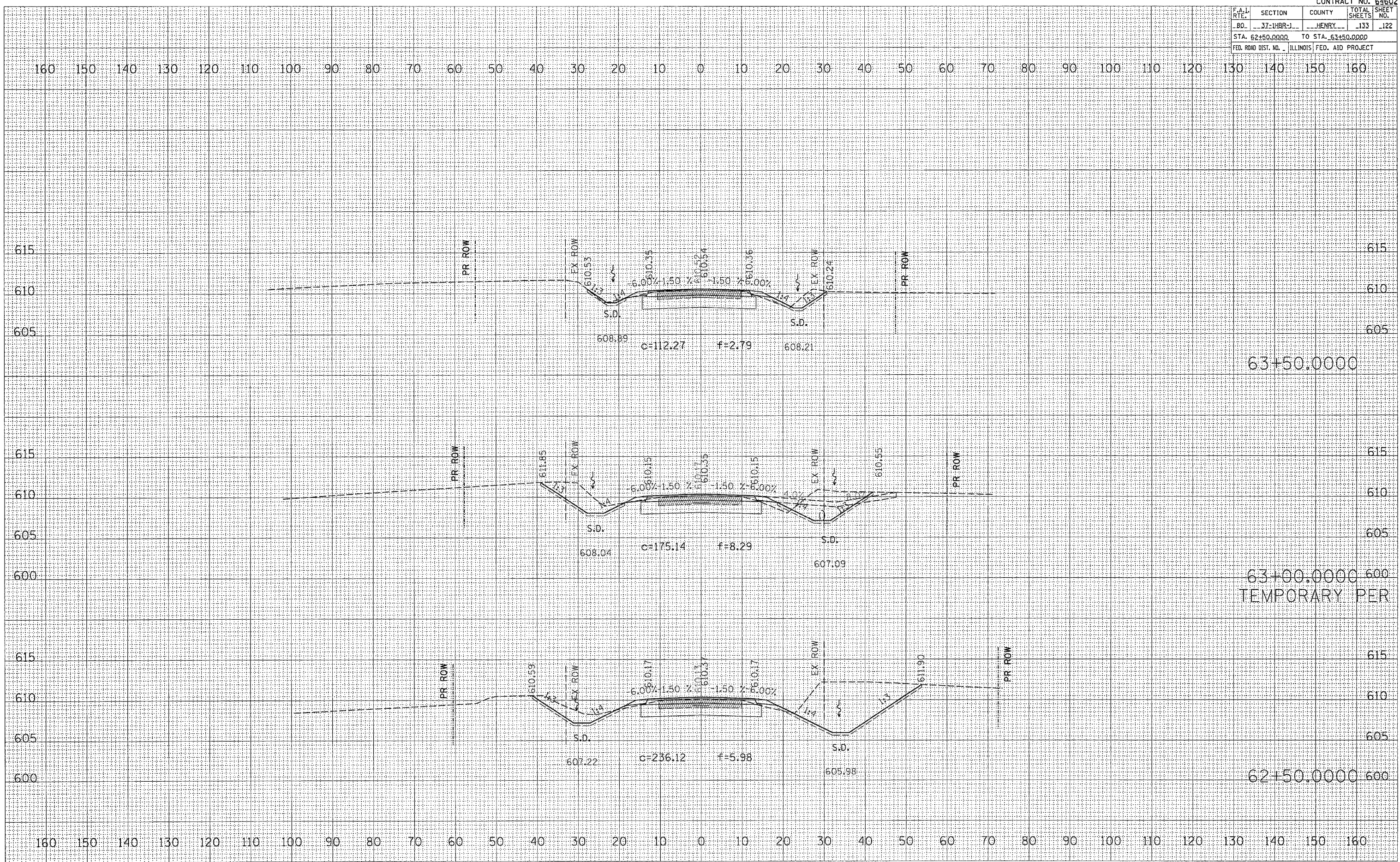


F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-14BR-J	HENRY		133	122
STA. 62+50.0000		TO STA. 63+50.0000		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

PLOT DATE = Mon Oct 02 09:12:22 2006
 FILE NAME = c:\p0\p021300\ad3180a.dwg
 USER = jacob / jn.



63+00.0000
TEMPORARY PER

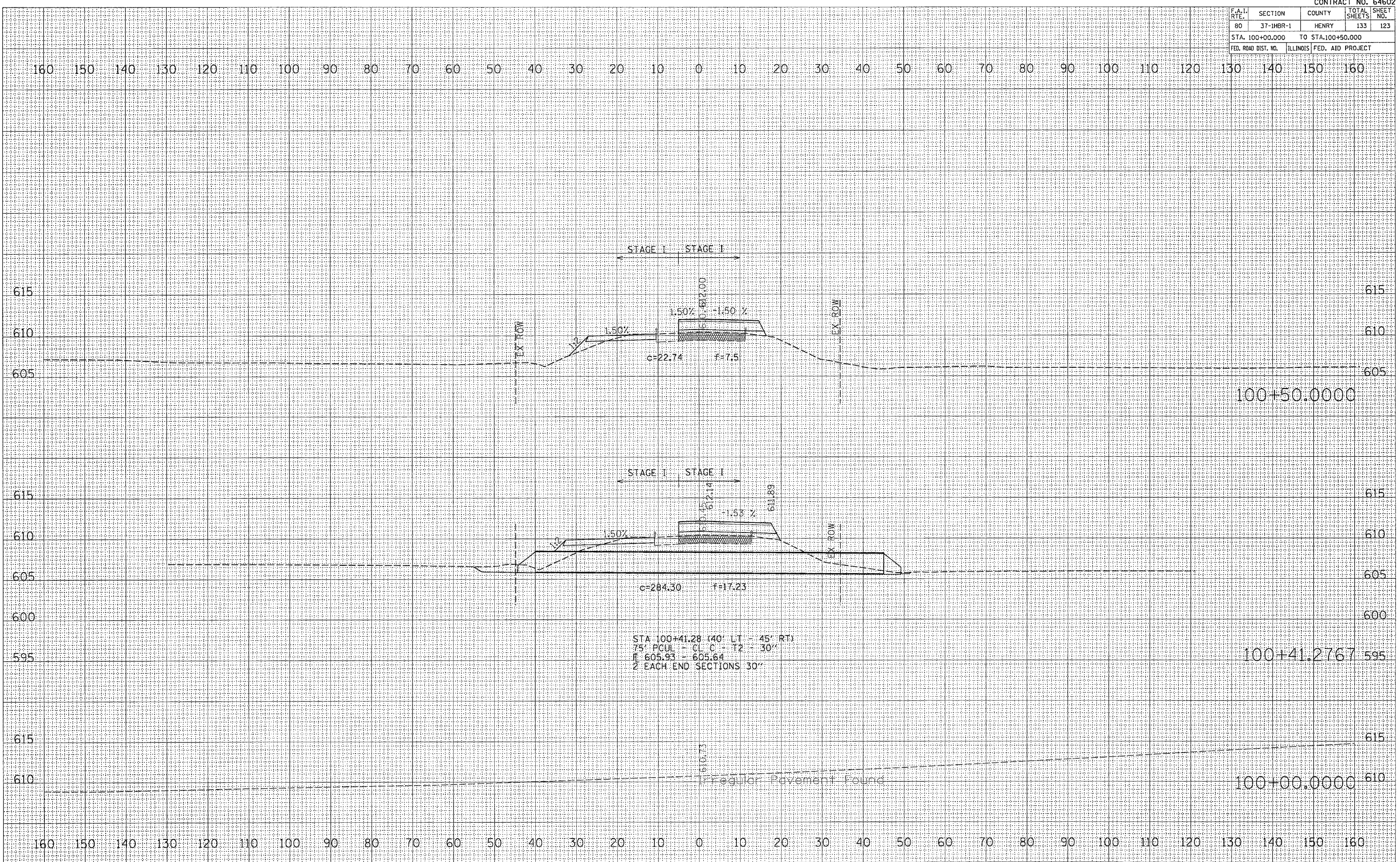
62+50.0000

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	123
STA. 100+00.000 TO STA.100+50.000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

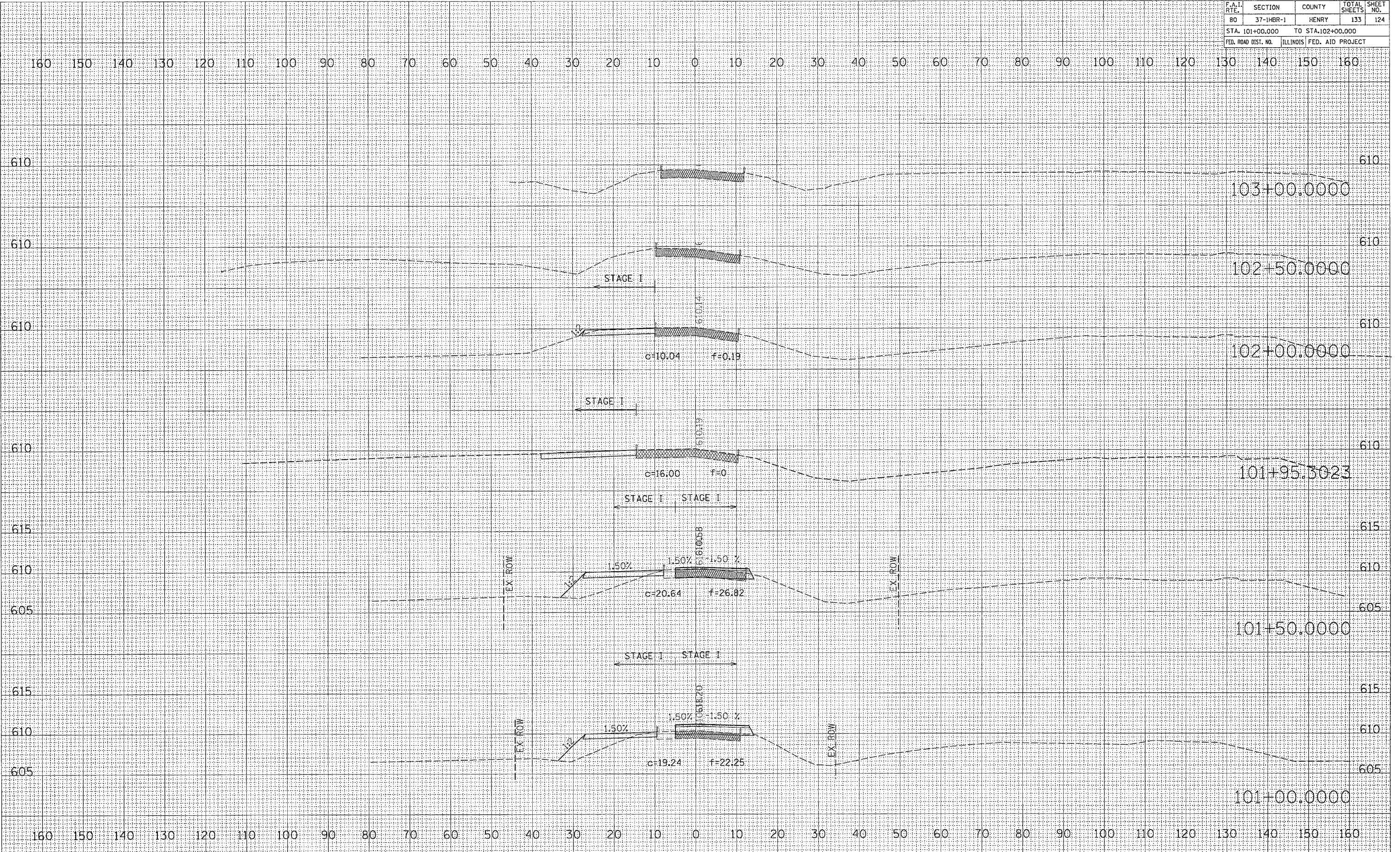
DATE	BY

DATE	BY

PLOT DATE = Fri Sep 01 10:14:15 2006
 PLOT SCALE = 1/8"=100'
 USER NAME = renkoalj



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	124
STA. 101+00.000 TO STA. 102+00.000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STAGE I CARROLL ST

DATE	BY

DATE	BY

PLOT DATE = Fri, Sep 01 10:15:15, 2006
 FILE NAME = c:\p\projects\23108\rd\3108\st1.dgn
 PLOT SCALE = 0.80000 / IN.
 USER NAME = rnkeshj

FINAL SURVEY NOTE BOOK NO. _____
 SURVEYED _____
 TEMPLATE _____
 AREAS CHECKED _____

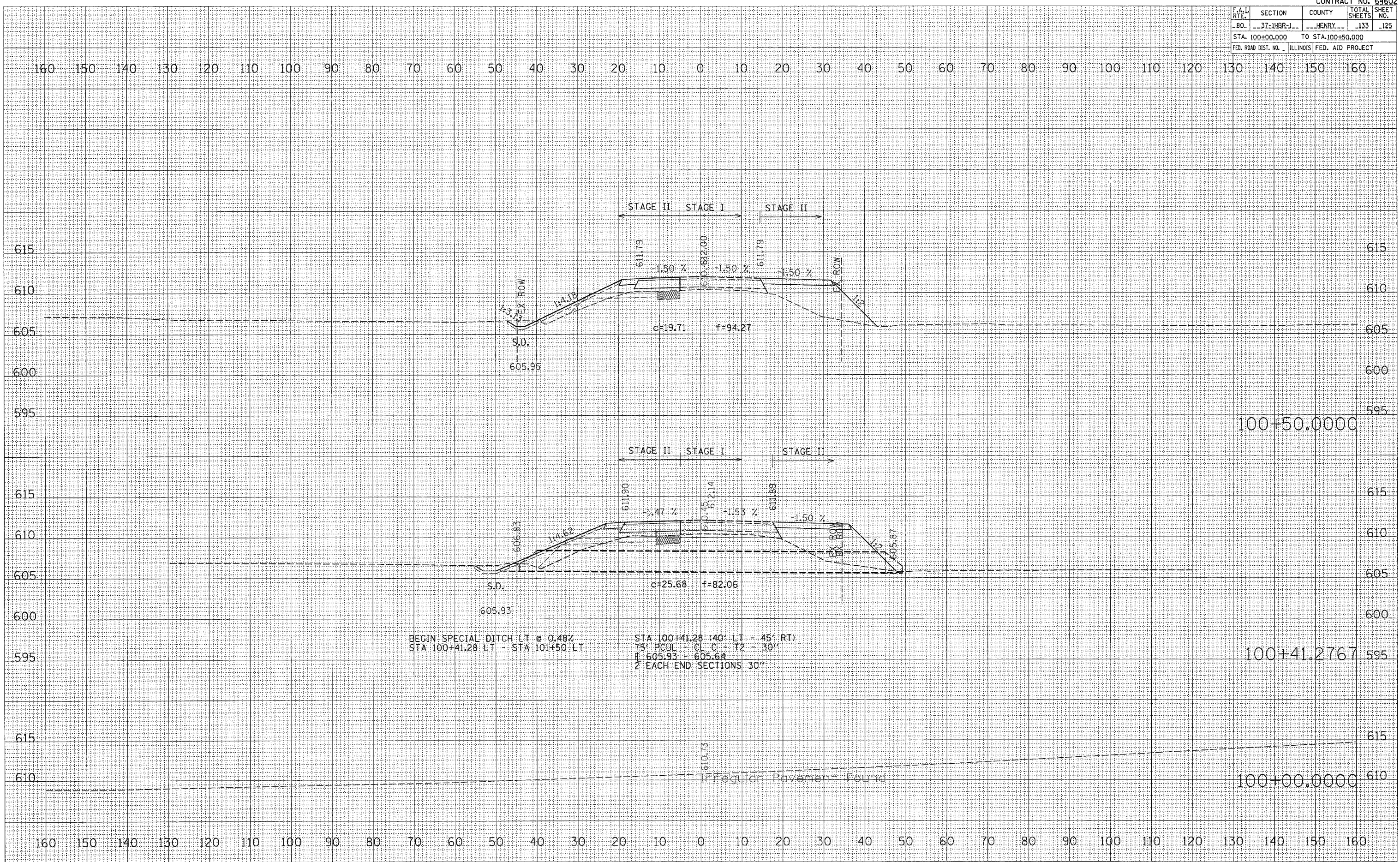
ORIGINAL SURVEY NOTE BOOK NO. _____
 SURVEYED _____
 TEMPLATE _____
 AREAS CHECKED _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
37-14BR-1	HENRY		133	125
STA. 100+00.000 TO STA. 100+50.000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

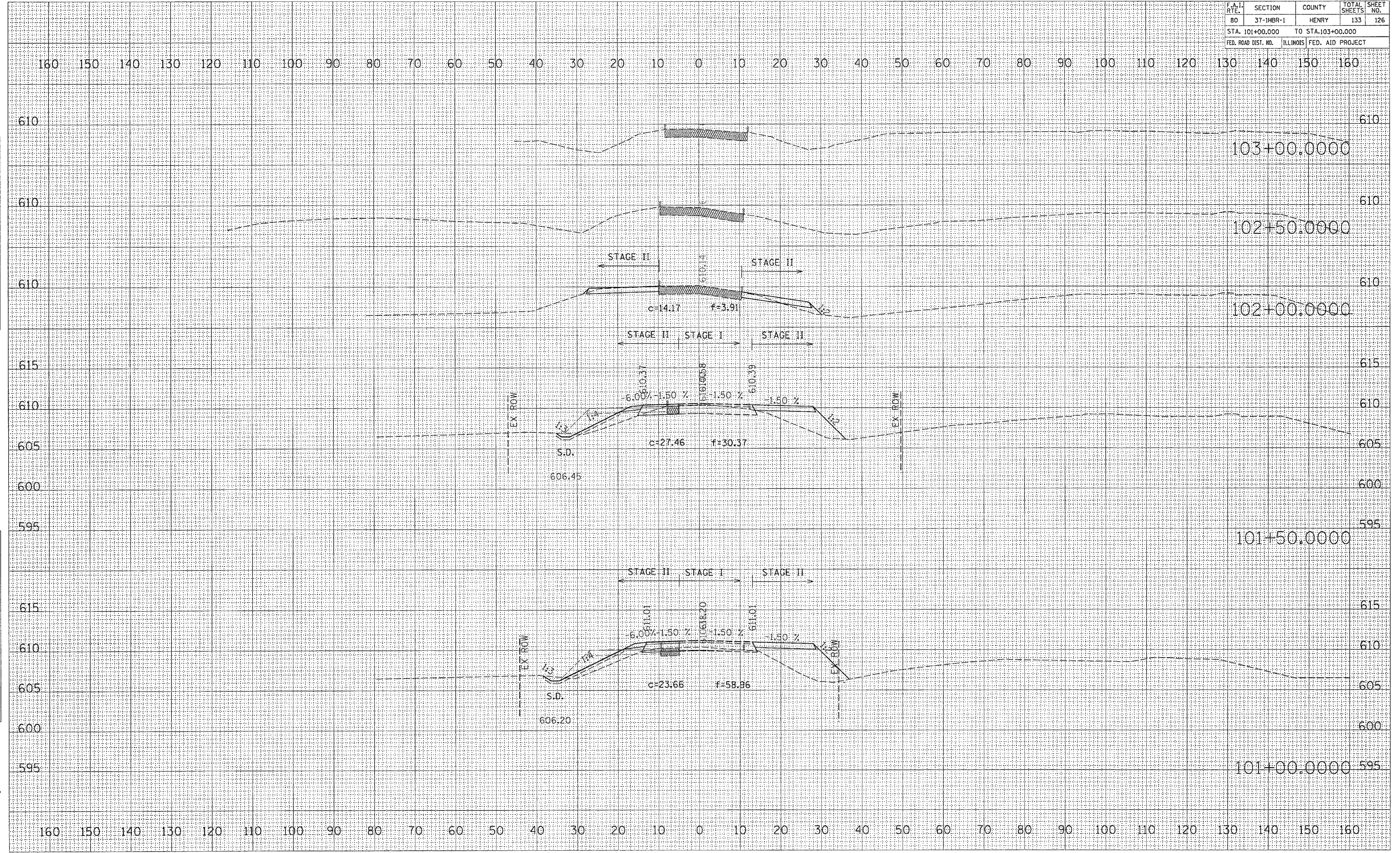
DATE	BY
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

PLOT DATE = Mon Oct 02 09:45:29 2005
 FILE NAME = c:\pwworkspace\2121020\1013101.dgn
 USER = rskobal



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	126
STA. 101+00.000 TO STA.103+00.000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

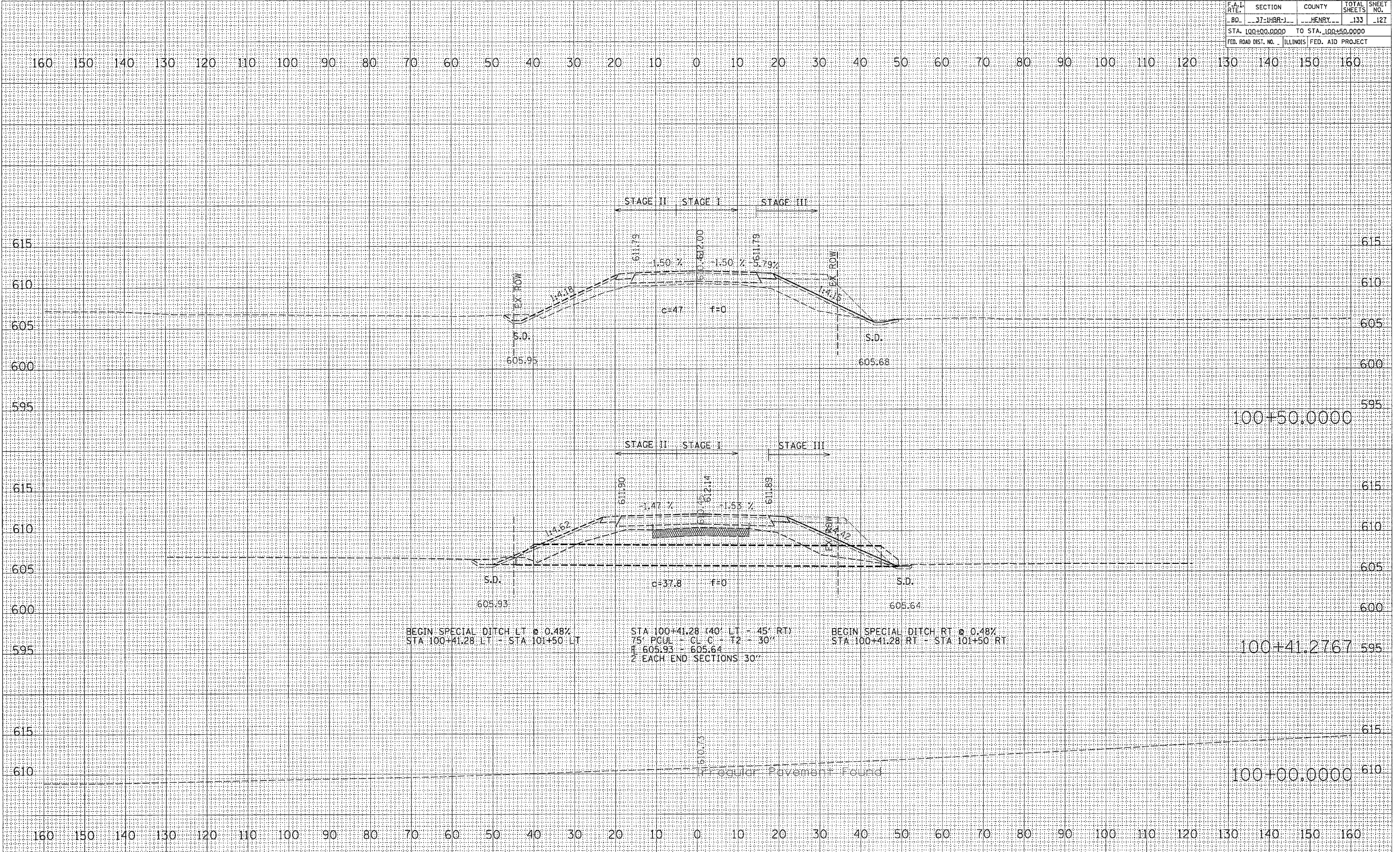


DATE	
BY	
SURVEYED	
FINAL SURVEY	
NOTE BOOK	
AREAS	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS	
AREAS CHECKED	

PLOT DATE = Fri, Sep 01, 10:10:37, 2006
 FILE NAME = c:\pvc\pvc\sta23102\st102\st102.dwg
 PLOT SCALE = 1/8" = 100'-0"
 USER NAME = jrb

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-14RR-J	HENRY	133	127
STA. 100+00.0000 TO STA. 100+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STAGE III CARROLL ST

FINAL SURVEY

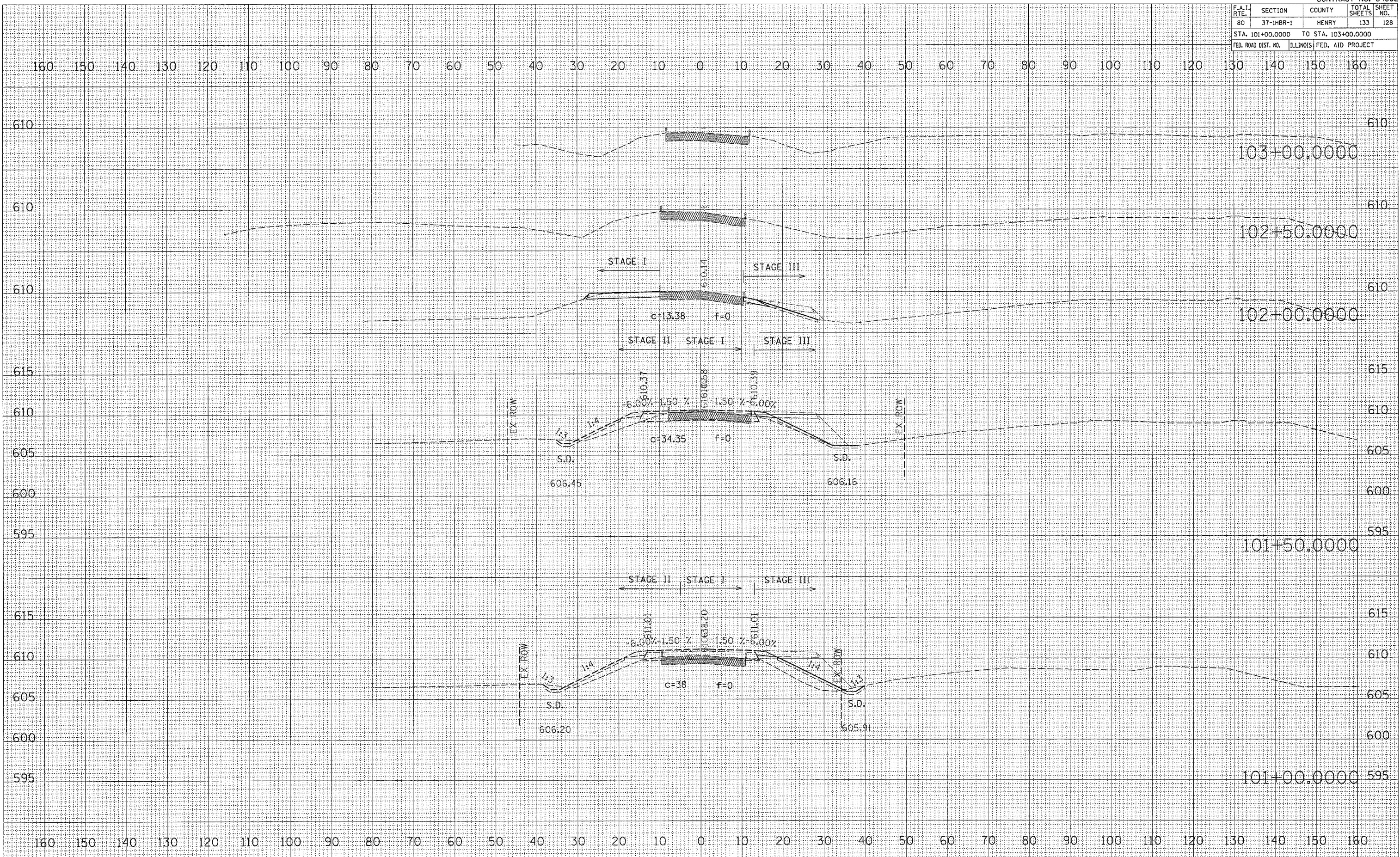
BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE: Mon Dec 02 08:58:05 2008
 FILE NAME: 2313128.dwg
 PLOT SCALE: 30.0000 / IN.
 USER NAME: mkrishj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-IHBR-1	HENRY	133	128
STA. 101+00.0000 TO STA. 103+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



BY	DATE

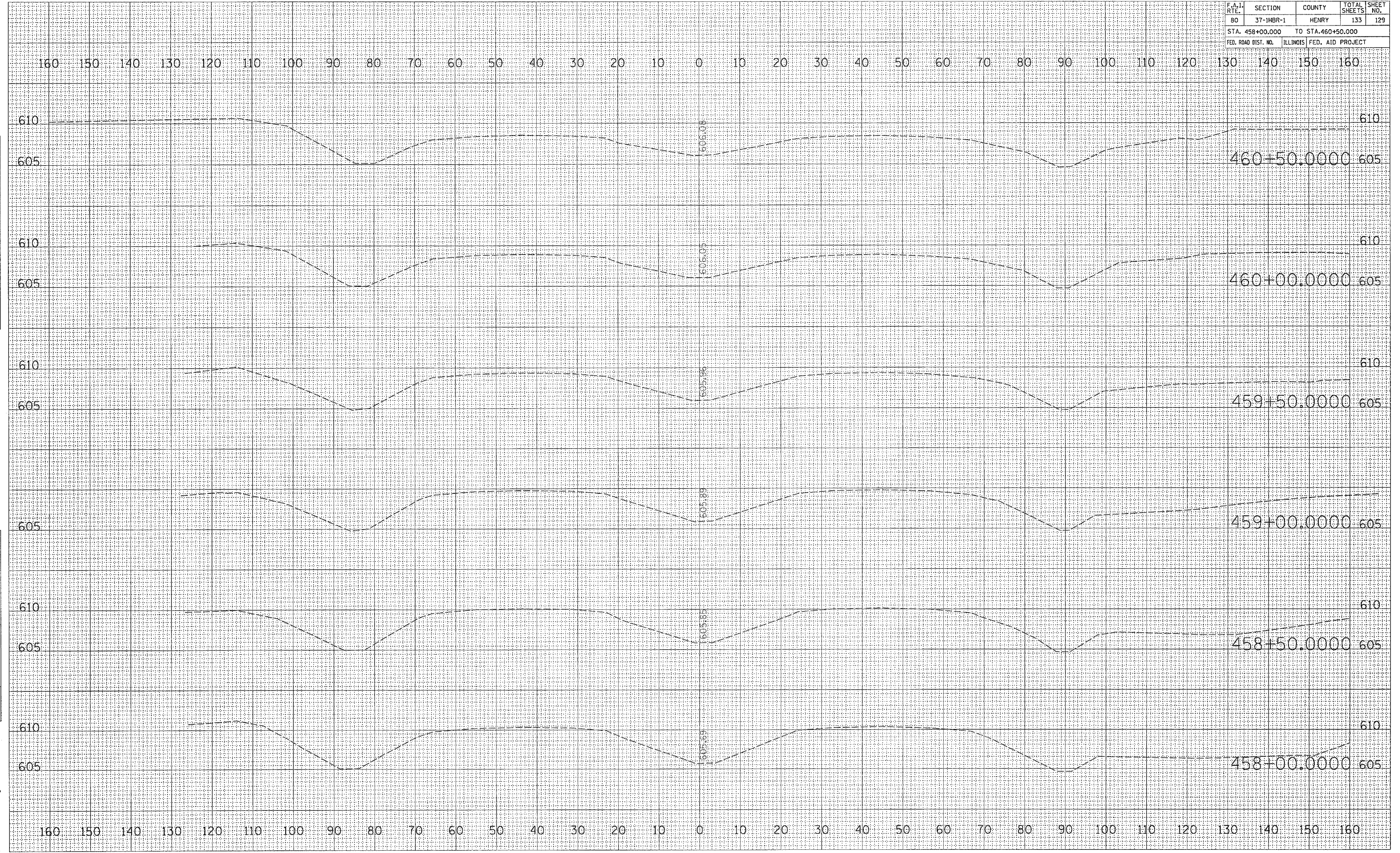
FINAL SURVEY	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

BY	DATE

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

PLOT DATE = Fri Sep 01 10:22:06 2006
PLOT SCALE = 10.0000 / IN
USER NAME = rchh11

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	129
STA. 458+00.000		TO STA. 460+50.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

PLOT DATE = Fri, Sep 01 10:20:29 2006
 FILE NAME = c:\pvc\mca\2013108\131080000.dgn
 PLOT SCALE = 80.0000' / IN.
 USER NAME = rnkashj

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	130
STA. 461+00.000		TO STA. 463+00.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

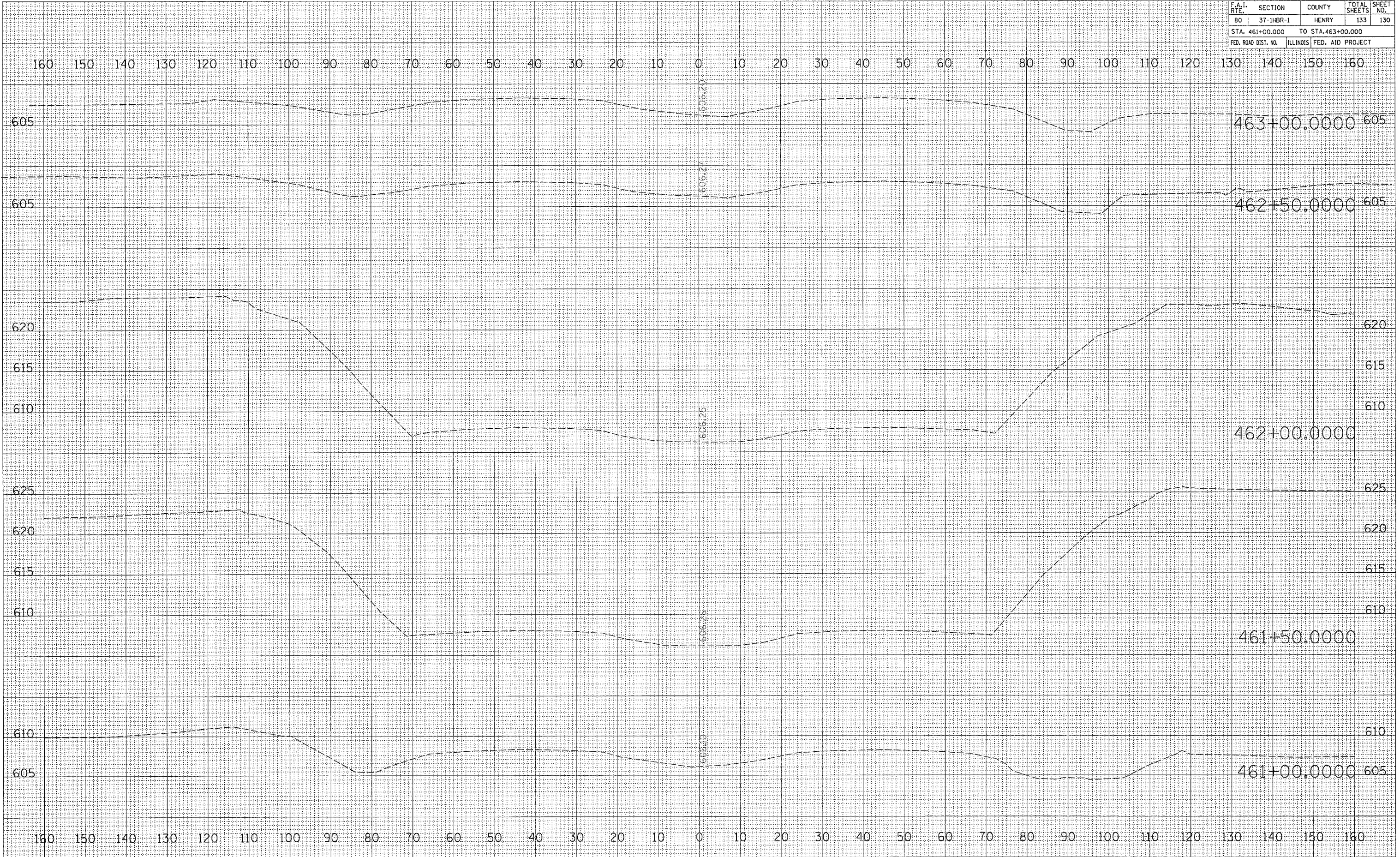
BY	DATE

FINAL SURVEY	SURVEYED
NOTE BOOK NO.	
AREAS CHECKED	

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	
AREAS CHECKED	

PLOT DATE = Fri Sep 01 10:20:29 2006
 PLOT SCALE = 10.0000 / IN.
 USER NAME = rnk

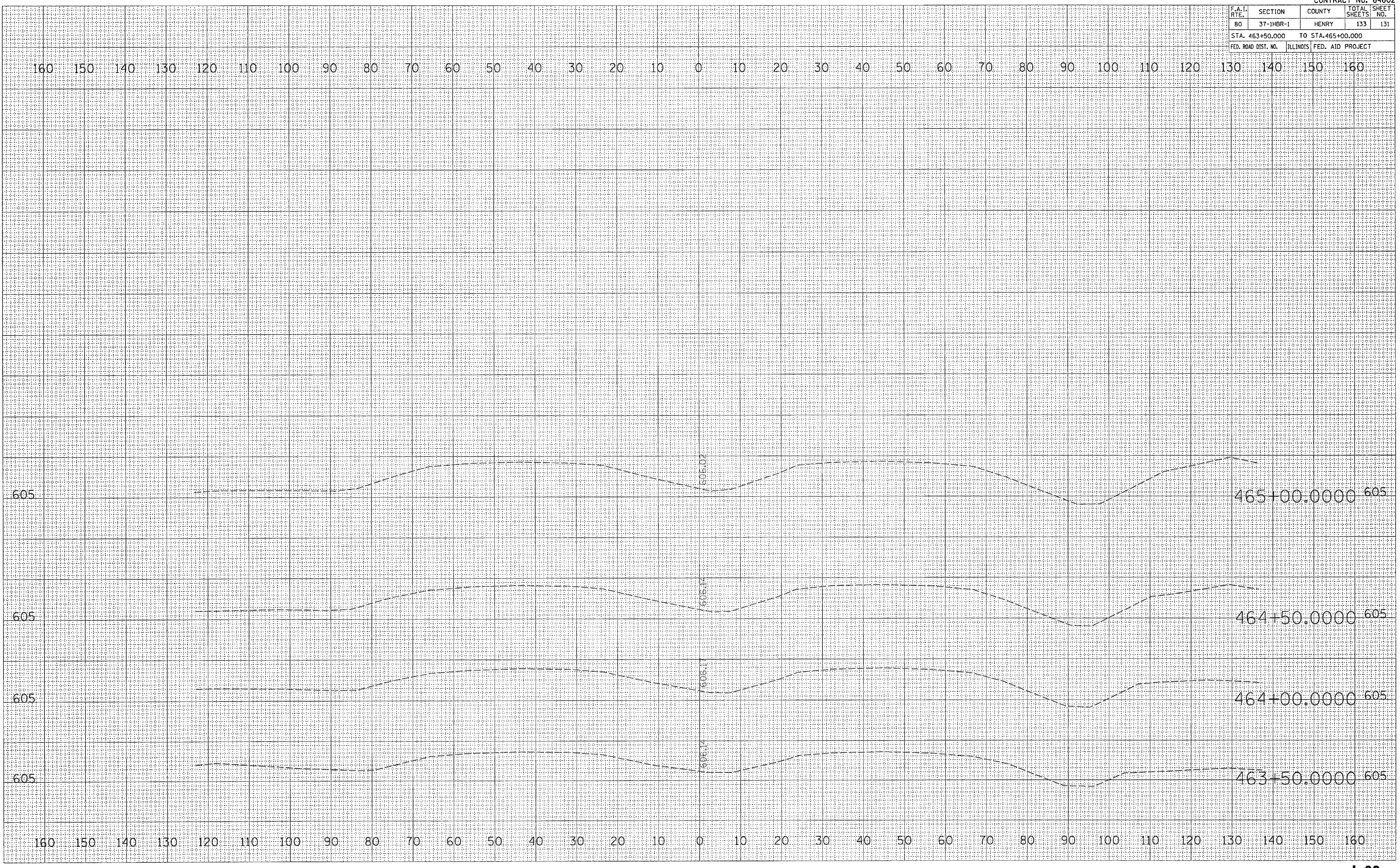


F.A.I. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	131
STA. 463+50.000		TO STA. 465+00.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE = Fri Sep 01 16:26:39 2006
 PLOT SCALE = 1/8"=100'
 USER NAME = rnkmalj



F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1HBR-1	HENRY	133	132
STA. 497+50.0000 TO STA. 498+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

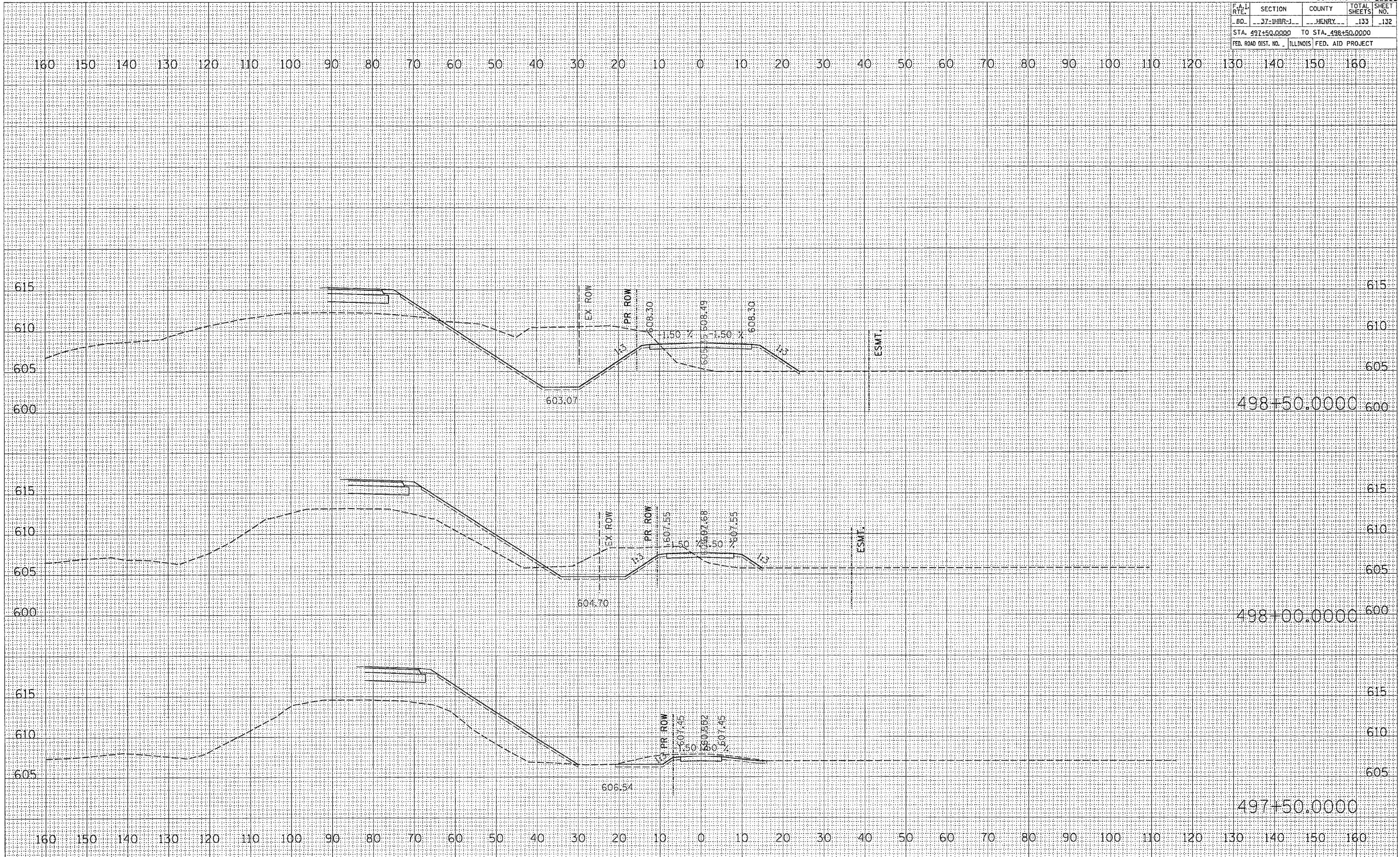
BY	DATE

FINL SURVEY	SURVEYED

BY	DATE

ORIGINAL SURVEY	SURVEYED

PLOT DATE = Mon Dec 02 09:51:01 2008
 FILE NAME = c:\p\projects\64602\132\132.dwg
 USER NAME = rchickel



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-14BR-1	HENRY	133	133
STA. 499+00.0000 TO STA. 499+99.9999				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY	NO.

DATE	BY	NO.

PLOT DATE = Mon Oct 02 09:51:11 2006
 FILE NAME = c:\pwworkspace\1031308\1031308.dwg
 USER NAME = rjones

