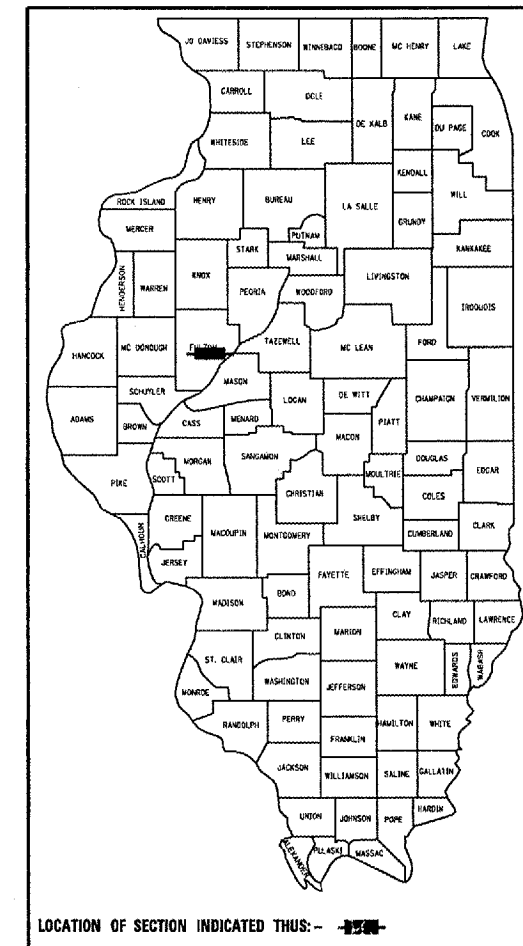


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	1

109W-1,RS-2;110W,RS-1

D-94-113-93



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

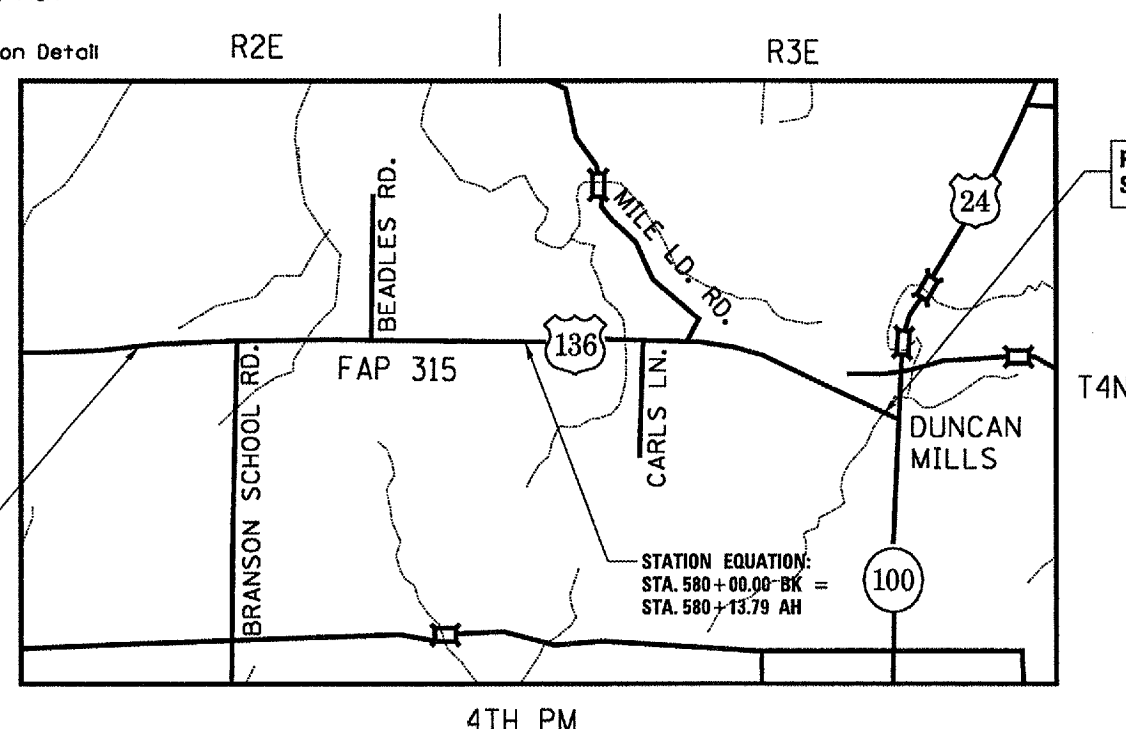
FAP ROUTE 315 (US 136)
SECTION 109W-1,RS-2;110W,RS-1
PROJECT ACNHF-0315 (053)
FULTON COUNTY
C-94-388-93

PROJECT ENGINEER: RICH DOTSON (309) 671-3455

DESIGN BY: CHRISTOPHER MAUSHARD (309) 671-3464

INDEX OF SHEETS

- 1 Cover Sheet
- 2-3 Standards, Commitments and General Notes
- 4-5 Status Of Utilities to Be Adjusted
- 6-7 Summary Of Quantities
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- 20-30 Schedule Of Quantities
- 31-33 Line Diagram, Benchmarks, Reference Ties
- PLAN SHEETS
- 34-45 Roadway Plan/Profile Sheets
- 46-57 Temporary Erosion Control Sheets
- 58-69 Tree Removal Sheets
- 70-74 Right Of Way Plan Sheets
- 75-84 Pavement Marking Sheets
- STRUCTURE PLANS
- 85-86 Culvert Stage Construction Details Sta. 539+54.90
- 87 8x6 Box Culvert Sta. 539+54.90 Structure Plan
- 88 Temporary Soil Retention System Detail Sta. 539+54.90
- 89 Boring Logs Sta. 539+54.90
- 90 Culvert Stage Construction Detail Sta. 601+79.18
- 91 Culvert Headwall Removal Detail Sta. 601+79.18
- 92 10x8 Box Culvert Extension Sta. 601+79.18 Structure Plan
- 93 Boring Logs Sta. 601+79.18
- 94 8x8 Box Culvert Extension Sta. 657+05.60 Structure Plan
- 95 Boring Logs Sta. 657+05.60
- 96 8' Dia. Manhole Drop Box Sta. 586+00.00 Soil Retention Detail
- 97 Boring Logs Sta. 586+00.00
- SPECIAL DETAILS
- 98 Sideroad Geometrics Detail
- 99-100 Manhole, Type A, 8' Diameter Detail
- 101 Sediment Control Basin Sta. 573+00.00 Detail
- 102 Stone Rip Rap Ditch Check Detail
- 103 Concrete Thrust Block (Special) Detail
- 104 Concrete Collar Sta. 641+33.80 LT Detail
- 105 Backslope Drains, Type 2 6" Detail
- 106 Rumble Strip Detail
- 107 Unsuitable Excavation Treatment for Crossroad Culverts Detail
- 108 Excavation and Backfill for Box Culverts Sta. 539+54.90 and Sta. 601+79.18
- 109-125 CADD Standards
- Cross Sections
- 126-309 US 136
- 310-314 Carls Lane
- 315-317 Mile Load Road
- 318-324 Culvert Ditch
- Highway Standards



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

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

CONTRACT NO. 88518
CATALOG NO. 030404-00D

SURVEY BOOK NO. 2866
CLASS II TRUCK ROUTE
OTHER PRINCIPAL ARTERIAL (RURAL)

NPDES PERMIT
REQUIRED

GROSS LENGTH OF PROJECT 15,900 FT (3.00 MI)
NET LENGTH OF PROJECT 15,900 FT (3.00 MI)

ADT = 2,300 (2000)
MU = 14%
SU = 4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 10/16/07 [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 7, 2007 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7, 2007 [Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	2

FED. AID PROJECT

109W-1,RS-2;110W,RS-1

COMMITMENTS

Commitments are not to be altered without the written consent of all parties to which the commitment was made.

COMMITMENT TO DON E. THOMPSON (PROPERTY OWNER) TO CLOSE EXISTING FIELD ENTRANCES LOCATED AT STATION 556+91.00 LT AND STATION 572+59.40 LT AND CONSTRUCT TWO FIELD ENTRANCES LOCATED AT STATION 566+00.00 LT/RT

PARCEL NO. 409V005TE - COMMITMENT TO DON E. THOMPSON (PROPERTY OWNER) TO MAINTAIN THE EXISTING PRIVATE ROADWAY LOCATED WITHIN THE TEMPORARY EASEMENT FROM STATION 573+05.00 RT TO STATION 573+55.00 RT DURING CONSTRUCTION.

COMMITMENT TO DON E. THOMPSON (PROPERTY OWNER) TO CONTACT HIM PRIOR TO REMOVAL OF ANY EXISTING FENCING ON THE PROJECT. MR. THOMPSON WILL INSTALL TEMPORARY FENCING ALONG HIS PROPERTY TO CONTAIN HIS CATTLE PRIOR TO REMOVAL OF THE EXISTING FENCING. CONTACT DON E. THOMPSON 11883 EAST US 136 IPAVA, IL 61441 PHONE: 309-753-8324

COMMITMENT TO CONTACT DON E. THOMPSON (PROPERTY OWNER) IN REGARDS TO LOCATIONS OF EXISTING BURIED FIELD TILE AND JUNCTION BOXES WITHIN THE EXISTING RIGHT OF WAY AT VARIOUS LOCATIONS ALONG THE PROJECT. APPROXIMATE LOCATIONS ARE STATION 550+75.00 RT, STATION 571+00.00 LT, AND STATION 601+00.00 LT

PARCEL NO. 409V009 & TE - COMMITMENT TO GARY FULTON TO BE NOTIFIED AT LEAST 30 DAYS BEFORE CONSTRUCTION BEGINS ALONG HIS PROPERTY LINE. MR. FULTON WILL INSTALL TEMPORARY FENCING ALONG HIS PROPERTY LINE TO CONTAIN HIS CATTLE PRIOR TO REMOVAL OF THE EXISTING FENCING. CONTACT GARY FULTON 13339 DUNCAN MILLS ROAD LEWISTOWN, IL 61542 PHONE: 309-547-2589

DISTRICT CADD STANDARDS

205001-D4	Slope Steps (Benching) Detail
281001-D4	Riprap Ditch for Erosion Protection
406101-D4	Butt Joints
406211-D4	Mailbox Turnouts in Type A Gutter, (Modified) Section
406301-D4	Rural Entrances for 3R Projects
406401-D4	Rural Sideroads for 3R Projects
440001-D4	Bituminous Surface Removal (Cold Milling)
540001-D4	Collar for Box Culvert Extensions
540401-D4	Precast Concrete Box Culverts (Special), End Section (Special)
606101-D4	Type A Gutter (Modified), (Inlet, Outlet & Entrance)
667101-D4	Permanent Survey Tie and Markers

HIGHWAY STANDARDS

280001-04	701011-01
406201-01	701006-02
420001-07	701201-02
420701-02	701206-01
442101-07	701301-02
482011-03	701306-01
542301-01	701311-02
542401	701321-09
601101	701326-02
602416	704001-04
602701-01	780001-01
604001-02	781001-02
606101-02	
630001-07	
666001	
701001-01	

NOTE - USE 701321-08 IN CONJUNCTION WITH MOT DETAIL AT 10 X 8 BOX AT STA. 601+79.18

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MicroStation and GEOPAK files of this project will be made available to the Contractor. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the sole responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

UTILITIES - LOCATIONS / INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown --- all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

TREE REMOVAL - UTILITY RELOCATION

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

PLAN ELEVATION - U.S.G.S. MEAN SEA LEVEL DATUM

All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

PROPERTY OWNER ACCESS REQUIREMENT

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangement made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

WINTER SHUTDOWN RESTRICTIONS ON COLD-MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken
 All cold milled surface shall be overlaid
 All lanes shall be reopened to traffic
 Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and readjusted to finished grade in the Spring.
 The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
 Temporary or permanent pavement marking shall be placed as applicable

CRITICAL PATH WORK SCHEDULE REQUIREMENT

The Contractor will submit to the Engineer a satisfactory progress schedule and critical path schedule which shall show the proposed sequence of work at the time of the pre-construction conference.

CLEARING

At locations where clearing is indicated on the plans beyond the limits of the proposed excavation or embankment, the Contractor shall restore the disturbed earth by blading and shaping to blend with the adjacent ground. The clearing will not be paid for separately but shall be included in the cost of Earth Excavation. Payment for reseeding or resodding shall be as provided in the plans.

TREE REMOVAL

The District Four Committee should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:
 BDE Form 2289 (Environmental Survey Request)
 A location map showing the size limits and location of the use area
 Signed property owner agreement form - D4 P10100
 Color photographs depicting the use area
 Borrow Area Entry Agreement form - D4 P10101

Please note that a minimum of two weeks shall be allowed for the District to obtain in the required environmental clearances.

SEEDING - SIDESLOPE RIPPING

All slopes steeper than 3 to 1 and over 4.5 m (15ft.) in height shall be ripped. This shall consist of ripping between 450 mm to 600 mm (18 inches to 24 inches) deep normal to the slope. The interval of ripping along the slope shall be 3.6 m (12 ft.). This work shall be done after the seed bed has been prepared but before any fertilizer or seed has been applied. The fertilizer and seed shall be applied within a 24-hour period after the ripping has been done. This work will not be paid for separately but will be included in the cost of the various items of seeding involved.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
US 136

DATE 02/14/06

DRAWN BY CEM
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	3

FED. AID PROJECT

109W-1,RS-2;110W,RS-1

GENERAL NOTES (CONTINUED)

AGGREGATE SHOULDERS, SURFACE COURSE, TYPE B

Aggregate Shoulders, and Surface Course, Type B shall be required for all granular construction of entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

PAVEMENT STATION NUMBERS AND PLACEMENTS

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 20mm (3/4 inch) wide, 125mm (5 inches) high and 15mm (5/8 inch) deep.

The pavement station numbers shall be installed as specified herein:
Interval - 100 meters (metric stationing) or 200 feet (English stationing)

Bottom of Numbers - 150 mm (6 inches) from the inside edge of the pavement marking

Location:

2, 3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations
Multi-lane Divided Roadways - outside edge of pavement in both directions

Ramps - along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder

Format - Metric (English) pavement stations shall use this format (XX+X00 (XXX)'), where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

BUTT JOINTS CUTTING TIME RESTRICTION

Butt Joints shall not be milled more than three (3) days prior to placement of the bituminous surface course

BITUMINOUS CONCRETE MIXTURE REQUIREMENT

Mixture Uses(s):	Leveling Binder	Surface Course	Base Course	Base Cse Widening	Incidental Bit. Surfacing	Class D Patches
AC / PG	SBS or SBR PG 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP %: (Max)	0	15%	25%	25%	15%	25%
Design Air Voids:	4.0% @ N50	4.2% @ N50	4.2% @ N50	4.2% @ N50	4.2% @ N50	4.2% @ N50
Mixture Composition: (GRADATION MIXTURE)	IL 4.75	IL 9.5 or IL 12.5	IL 19.0	IL 19.0	IL 9.5 or IL 12.5	IL 19.0
Friction Aggregate:	NA	MIX D DOLOMITE ONLY	NA	NA	MIX D DOLOMITE ONLY	NA

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the bituminous surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed

REFLECTIVE CRACK CONTROL PLACEMENT

Strip reflective crack control treatment shall be placed on the cold milled surface.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02(i) and 670.04(e):

All of the telephone lines provided shall have unpublished numbers.

SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

PROJECT SPECIFIC GENERAL NOTES

EXISTING ENTRANCES

Fill material required for the existing entrances has been calculated within the earthwork quantities and will not be measured separately for payment.

UNSUITABLE MATERIAL

All locations where undercut is shown is considered unsuitable and is not to be used in the construction of the embankment.

SURVEY MONUMENTATION

All section corners, recovery ties, permanent survey markers and right of way markers shall be set at the direction of a licensed land surveyor. A copy of all drawings or monument records produced shall be sent to the Chief Of Surveys, Illinois Department Of Transportation, District 4, Peoria.

BENCHMARK MONUMENTATION

Set benchmarks at culvert station 539+54.90 and station 601+79.18 on the left headwall of each structure. Surveyors will provide a copy of the level circuit run, fully closed, for each benchmark. A copy of all benchmark records shall be sent to the Chief Of Surveys, Illinois Department Of Transportation, District 4, Peoria.

TRAFFIC COUNTER CONTROLLER SALVAGE

Contact Roger Carls at the Illinois Department Of Transportation District 4 Bureau of Operations, Traffic Building, at 309-693-5165 for delivery of the salvaged traffic counter controller.

GEOTECHNICAL FABRIC

All geotechnical fabric for ground stabilization shall be woven.

SEEDLING MIXTURE A

Seedlings will be placed along backslopes and at locations of stream crossings outside of the clear zone. Avoid placement of seedlings along backslopes adjacent to agricultural fields. Consult with Jim Atwill at 309-671-4484 if there is any question on where to place the seedlings

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES US 136

DATE 02/14/06

DRAWN BY CEM
CHECKED BY

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
136		EUCLID	324	4
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1

SPOON RIVER ELECTRIC

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 136	39' Lt.	501+10	Power Pole	Cut	Relocate
US 136	36' Lt.	502+50	Power Pole	Cut	Relocate
US 136	39' Lt.	507+00	Power Pole	Cut	Relocate
US 136	39' Lt.	510+05	Power Pole	Cut	Relocate
US 136	39' Lt.	512+80	Power Pole	Cut	Relocate
US 136	38' Lt.	516+00	Power Pole	Cut	Relocate
US 136	38' Lt.	518+90	Power Pole	Cut	Relocate
US 136	36' LT.	521+00	POWER POLE	CUT	RELOCATE
US 136	35' LT.	523+20	POWER POLE	CUT	RELOCATE
US 136	35' LT.	528+15	POWER POLE	CUT	RELOCATE
US 136	36' LT.	531+10	POWER POLE	CUT	RELOCATE
US 136	35' LT.	534+60	POWER POLE	CUT	RELOCATE
US 136	38' LT.	537+90	POWER POLE	CUT	RELOCATE
US 136	45' LT.	540+00	POWER POLE	CUT	RELOCATE
US 136	40' LT.	550+50	POWER POLE	PROPOSED ROADWAY	RELOCATE
US 136	37' LT.	556+89	POWER POLE	PROPOSED ENTRANCE	RELOCATE
US 136	39' LT.	559+10	POWER POLE	CUT	RELOCATE
US 136	38' LT.	561+90	POWER POLE	CUT	RELOCATE
US 136	38' LT.	565+00	POWER POLE	CUT	RELOCATE
US 136	38' LT.	568+50	POWER POLE	CUT	RELOCATE
US 136	38' LT.	572+45	POWER POLE	CUT	RELOCATE
US 136	40' LT.	576+00	POWER POLE	CUT	RELOCATE
US 136	39' LT.	582+75	POWER POLE	CUT	RELOCATE
US 136	45' LT.	585+40	POWER POLE	CUT	RELOCATE
US 136	54' LT.	588+95	POWER POLE	CUT	RELOCATE
US 136	54' RT.	594+50	POWER POLE	FILL	RELOCATE
US 136	38' RT.	599+85	POWER POLE	FORE SLOPE	RELOCATE
US 136	40' RT.	603+65	POWER POLE	PROPOSED ROADWAY	RELOCATE
US 136	40' LT.	603+65	POWER POLE	FILL	RELOCATE
US 136	43' RT.	616+60	POWER POLE	CUT	RELOCATE
US 136	43' RT.	620+40	POWER POLE	CUT	RELOCATE
US 136	43' RT.	623+45	POWER POLE	CUT	RELOCATE
US 136	43' RT.	626+50	POWER POLE	CUT	RELOCATE
US 136	43' RT.	630+00	POWER POLE	CUT	RELOCATE
US 136	44' RT.	638+30	POWER POLE	CUT	CAUTION

SPOON RIVER ELECTRIC

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 136	44' Rt.	640+90	Power Pole	Cut	Caution
US 136	43' Rt.	644+55	Power Pole	Cut	Relocate
US 136	43' Rt.	647+85	Power Pole	Cut	Relocate
US 136	43' Rt.	651+00	Power Pole	Cut	Caution
US 136	39' Rt.	654+50	Power Pole	Cut	Caution

PLOT DATE = 9/19/2007
PLOT SCALE = 1" = 100'
USER NAME = maubh02

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STATUS OF UTILITIES TO BE ADJUSTED

SCALE: VERT. NONE
 HORIZ. NONE
DATE 02/07/2007

DRAWN BY CEM
CHECKED BY CEM

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	EUILION	324	5
STA. _____ TO STA. _____			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			

*109W-1,RS-2;110W,RS-1

SBC (AT&T)

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
US 136	12' Lt. to 40' Lt.	503+00	Buried Telephone	Cut	Relocate
US 136	12' Rt. to 28' Rt.	503+00	Buried Telephone	Cut	Relocate
US 136	15' Rt.	503+65 to 503+75	Buried Telephone	Cut	Relocate
US 136	12' Rt. to 23' Rt.	506+90	Buried Telephone	Cut	Relocate
US 136	15' Rt.	507+00	Buried Telephone	Cut	Relocate
US 136	12' Rt. to 30' Rt.	507+10	Buried Telephone	Cut	Relocate
US 136	12' RT. TO 28' RT.	507+20	BURIED TELEPHONE	CUT	RELOCATE
US 136	15' RT.	509+50 TO 509+65	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	12' RT. TO 37' RT.	514+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	14' RT.	515+05 TO 515+50	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	12' RT. TO 24' RT.	522+30 TO 523+00	BURIED TELEPHONE	CUT	RELOCATE
US 136	16' RT.	525+40	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	12' RT. TO 27' RT.	529+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	20' LT. TO 40' LT.	529+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	16' RT.	532+50	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	16' RT.	539+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	12' RT. TO 23' RT.	542+65	BURIED TELEPHONE	CUT	RELOCATE
US 136	21' RT.	540+00 TO 543+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	20' RT.	547+20 TO 547+35	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	12' RT. TO 39' RT.	550+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	16' LT. TO 40' LT.	550+50	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	25' RT. TO 33' RT.	569+60	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	40' LT.	603+69 TO 611+50	BURIED TELEPHONE	CUT	RELOCATE
US 136	10' LT. TO 20' LT.	627+05	BURIED TELEPHONE	PROPOSED CULVERT	RELOCATE
US 136	12' LT. TO 36' LT.	653+40 TO 654+12	BURIED TELEPHONE	CURB & GUTTER	RELOCATE
US 136	43' LT.	655+40 TO 658+00	BURIED TELEPHONE	CULVERT EXT./CUT	RELOCATE

PLOT DATE = 01/19/2007
 FILE NAME = \\sbs\ibj\un\136un\un136un\un1
 PLOT SCALE = 1/4" = 100'
 USER NAME = meahardce

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STATUS OF UTILITIES TO BE ADJUSTED

SCALE: VERT. NONE
 HORIZ. DATE 02/07/2007

DRAWN BY CEM
 CHECKED BY CEM

SUMMARY OF QUANTITIES

F. A. D. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	6
STA.	TO STA.			
FED. ROAD DIST. NO. 5	ALTIMES	FED. AID PROJECT		

*109W-1RS-2;110W-RS-1

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	_8Q/2Q_ 1000	_8Q/2Q_ Y080	100%_SI 1000	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	_8Q/2Q_ 1000	_8Q/2Q_ Y080	100%_SI 1000
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	158	158			X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD) 11.4% #50	TON	2011	2011		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	543	543			40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	229	229		
20100500	TREE REMOVAL, ACRES	ACRE	2.85	2.85			40600990	TEMPORARY RAMP	SO YD	85	85		
20200100	EARTH EXCAVATION	CU YD	71,777	71,777			40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	4021	4021		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	898	898			40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	59	59		
20700110	POROUS GRANULAR EMBANKMENT	TON	174	174			44000100	PAVEMENT REMOVAL	SO YD	185	185		
20800150	TRENCH BACKFILL	CU YD	247	247			44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	47,926	47,926		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	800	800			44000400	GUTTER REMOVAL	FOOT	7501	7501		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	104,347	104,347			44004000	PAVED DITCH REMOVAL	FOOT	200	200		
21400110	GRADING AND SHAPING DITCHES	UNIT	4.6	4.6			44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	1752	1752		
*25000210	SEEDING, CLASS 2A	ACRE	21.5	21.5			44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	324	324		
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1935	1935			44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	1236	1236		
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1935	1935			44300900	REFLECTIVE STRIP CRACK CONTROL TREATMENT SYSTEM A	FOOT	7741	7741		
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1935	1935			48101200	AGGREGATE SHOULDERS, TYPE B	TON	1470	1470		
*25100115	MULCH, METHOD 2	ACRE	21.5	21.5			50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
*25100630	EROSION CONTROL BLANKET	SO YD	580	580			50102400	CONCRETE REMOVAL	CU YD	27	27		
*25101400	STRAW MULCH	TON	43	43			50104300	CONCRETE HEADWALL REMOVAL	CU YD	9.8	9.8		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2150	2150			50104400	CONCRETE HEADWALL REMOVAL	EACH	42	42		
28000300	TEMPORARY DITCH CHECKS	EACH	167	167			50105220	PIPE CULVERT REMOVAL	FOOT	545.0	545.0		
28000400	PERIMETER EROSION BARRIER	FOOT	16,862	16,862			50200100	STRUCTURE EXCAVATION	CU YD	313	313		
28000500	INLET AND PIPE PROTECTION	EACH	11	11			50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	27,818	27,818		
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	1867	1867									
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	2656	2656			54003000	CONCRETE BOX CULVERTS	CU YD	140.8	140.8		
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	2561	2561			54010202	PRECAST CONCRETE BOX CULVERT 2' X2'	FOOT	109.0	109.0		
28100811	STONE DUMPED RIPRAP, CLASS A6	TON	63	63			54010302	PRECAST CONCRETE BOX CULVERT 3' X2'	FOOT	54.0	54.0		
28102630	STONE RIPRAP DITCH CHECKS	EACH	43	43			54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	335.0	335.0		
28200200	FILTER FABRIC	SO YD	5056	5056			54200229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	189.0	189.0		
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	548	548			542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	92.0	92.0		
35300510	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/2"	SO YD	185	185			54200433	PIPE CULVERTS, TYPE 1 RCCP 18"	FOOT	52.0	52.0		
35501326	HOT-MIX ASPHALT BASE COURSE, 10 1/2"	SO YD	6052	6052			54200439	PIPE CULVERTS, TYPE 1 RCCP 24"	FOOT	300.0	300.0		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1263	1263			54201285	PIPE CULVERTS, TYPE 2 RCCP 30"	FOOT	121.0	121.0		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	580	580			54202125	PIPE CULVERTS, TYPE 3 RCCP 30"	FOOT	80.0	80.0		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	25	25			54202983	PIPE CULVERTS, TYPE 4 RCCP 48"	FOOT	32.0	32.0		
40600300	AGGREGATE (PRIME COAT)	TON	145	145			54213453	END SECTIONS 18"	EACH	16	16		

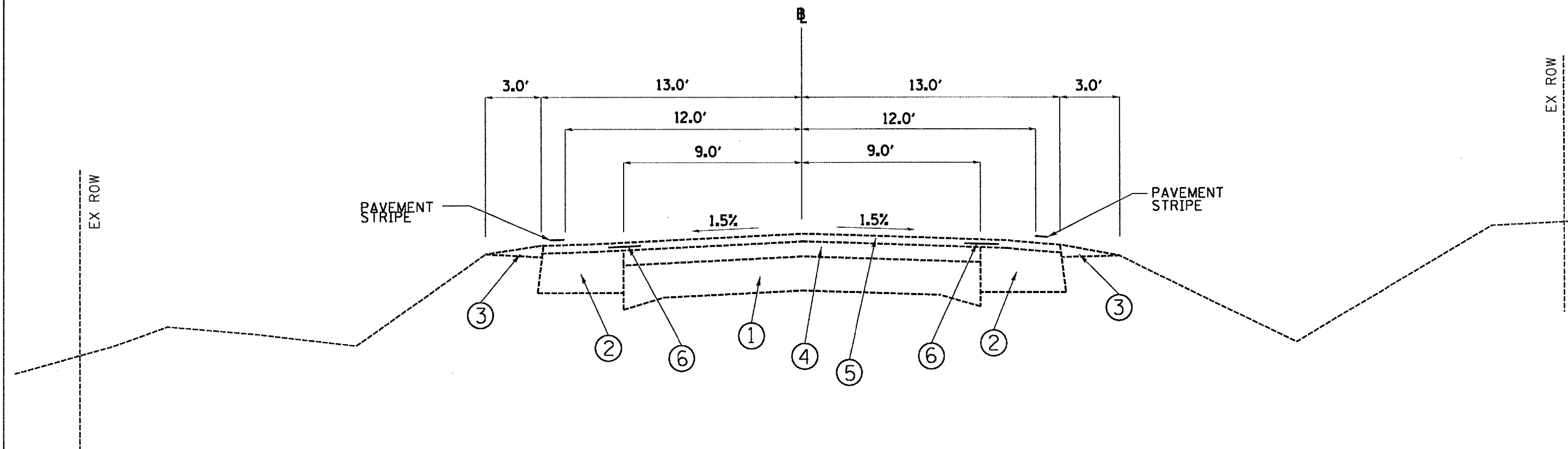
SUMMARY OF QUANTITIES

F.A.D. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EFFLION	324	7
STA.	TO STA.			
FED. ROAD DIST. NO. 3	BLVD.	FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		_80/20_ 1000	_80/20_ Y080	100%_SI 1000	CODE NO	ITEM	UNIT		_80/20_ 1000	_80/20_ Y080	100%_SI 1000
54213459	END SECTIONS 24"	EACH	8	8		*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	195	195			
54213663	PRECAST ^{REINFORCED CONCRETE} FLARED END SECTIONS 18"	EACH	2	2		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	165	165			
54213669	PRECAST ^{REINFORCED CONCRETE} FLARED END SECTIONS 24"	EACH	10	10		89502380	REMOVE EXISTING HANDHOLE	EACH	1	1			
54213675	PRECAST ^{REINFORCED CONCRETE} FLARED END SECTIONS 30"	EACH	6	6		*K1005431	SEEDLING MIXTURE "A"	UNIT	10.5	10.5			
54213693	PRECAST ^{REINFORCED CONCRETE} FLARED END SECTIONS 48"	EACH	2	2		X0301245	SHOULDER REMOVAL	SO YD	426	426			
54248510	CONCRETE COLLAR	CU YD	1.9	1.9		X0322729	MATERIAL TRANSFER DEVICE	TON	4021	4021			
60109621	BACKSLOPE DRAINS, TYPE 2 6"	FOOT	450	450		X0323260	SEDIMENT BASIN	EACH	1	1			
60406100	FRAMES AND LIDS, TYPE I, CLOSED LID	EACH	1	1		X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	2376	2376			
60602600	CONCRETE GUTTER, TYPE A (MODIFIED)	FOOT	5550	5550		X0545000	BOX CULVERT REMOVAL	FOOT	86	86			
60603400	GUTTER OUTLET (SPECIAL)	EACH	9	9		X0914000	PRECAST ^{CONCRETE} BOX ^{CULVERT} END SECTIONS 2' X2'	EACH	6	6			
60603450	GUTTER INLET (SPECIAL)	EACH	8	8		X0914100	PRECAST ^{CONCRETE} BOX ^{CULVERT} END SECTIONS 3' X2'	EACH	2	2			
60900505	CONCRETE THRUST BLOCKS (SPECIAL)	EACH	1	1		*X2503100	MOWING	UNIT	319		319		
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	104	104		X7016500	TEMPORARY BRIDGE TRAFFIC SIGNALS (SPECIAL)	EACH	1	1			
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	207	207		X8900030	REMOVE EXISTING ^{TEMPORARY} TRAFFIC SIGNAL EQUIPMENT	EACH	1	1			
66700205	PERMANENT SURVEY MARKERS - TYPE I	EACH	26	26		X8950095	REMOVE ^{EXISTING} CONTROL INSTALLATION, AND SALVAGE	EACH	1	1			
66700305	PERMANENT SURVEY MARKERS - TYPE II	EACH	2	2		XX004033	CLEAN EXISTING CULVERTS	EACH	1	1			
66700605	PERMANENT SURVEY TIES	EACH	20	20		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9		Z0015500	DEBRIS REMOVAL	L SUM	1	1			
67000600	ENGINEERS FIELD LABORATORY	CAL MO	9	9		Z0022800	FENCE REMOVAL	FOOT	10,796	10,796			
67100100	MOBILIZATION	L SUM	1	1		Z0023500	FILLING EXISTING CULVERTS	CU YD	99.2	99.2			
70100405	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701321	EACH	1	1		Z0030260	IMPACT ATTENUATORS, TEMPORARY 1 ^(FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	EACH	4	4			
70100450	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701201	L SUM	1	1		Z0030330	IMPACT ^{ATTENUATORS,} RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	4	4			
70100455	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701206	L SUM	1	1		Z0004500	BITUMINOUS DRIVEWAY PAVEMENT 8"	SO YD	366	366			
70100460	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701306	L SUM	1	1		Z0054500	ROCK FILL	TON	3046	3046			
70100500	TRAFFIC CONTROL ^{AND} PROTECTION, STANDARD 701326	L SUM	1	1		Z0055300	RUMBLE STRIP	EACH	2	2			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	46	46		Z0076600	TRAINEES	HOUR	500		500		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4683	4683		35600718	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"	SO YD	1726	1726			
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	49,063	49,063		X0325895	MANHOLES, TYPE A, SPECIAL, 8"- DIAMETER	FOOT	23.9	23.9			
70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	62	62									
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	520	520									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	425	425									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	425	425									
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	49,063	49,063									
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	62	62									

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	924	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*109W-1.RS-2;110W.RS-1



TYPICAL SECTION #1 US 136

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER

- STA. 502+50.00 TO STA. 533+36.87 LT
- STA. 502+50.00 TO STA. 533+33.85 RT
- STA. 538+35.40 TO STA. 540+00.00 LT
- STA. 537+85.80 TO STA. 540+00.00 RT
- STA. 543+00.00 TO STA. 578+67.30
- STA. 582+78.85 TO STA. 586+95.95 LT
- STA. 583+17.95 TO STA. 586+95.95 RT
- STA. 597+00.00 TO STA. 605+50.00
- STA. 612+51.00 TO STA. 642+30.58
- STA. 655+00.00 TO STA. 658+00.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

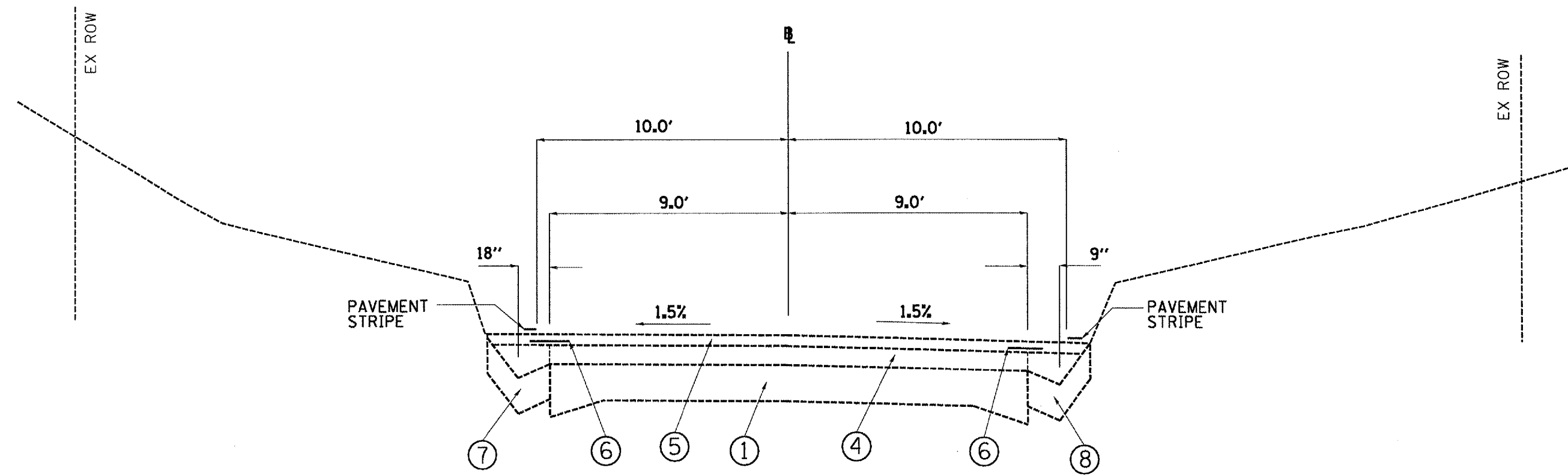
EXISTING TYPICAL SECTION
US 136

SCALE: VERT.
HORIZ.
DATE 08/09/05

DRAWN BY CEM
CHECKED BY CEM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*109W-1,RS-2,110W,RS-1



TYPICAL SECTION #2
US 136

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER

- STA. 533+36.87 TO STA. 538+35.40 LT
- STA. 533+33.85 TO STA. 537+85.80 RT
- STA. 540+00.00 TO STA. 543+00.00
- STA. 578+67.30 TO STA. 582+78.85 LT
- STA. 578+67.30 TO STA. 583+17.95 RT
- STA. 586+95.95 TO STA. 597+00.00
- STA. 605+50.00 TO STA. 612+51.00
- STA. 651+43.50 TO STA. 655+00.00

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REVISIONS	
NAME	DATE

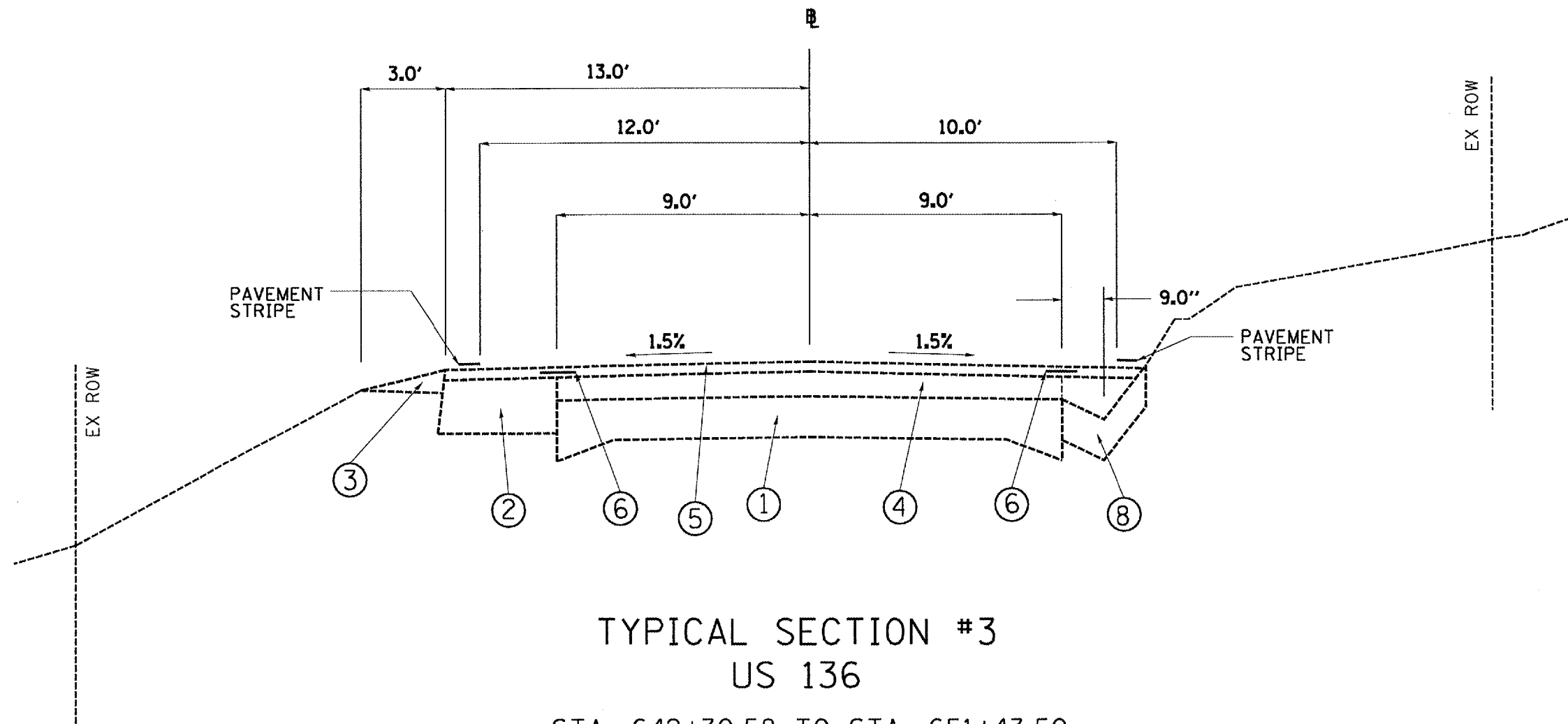
ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTION
US 136

SCALE: VERT.
HORIZ.
DATE 08/09/05

DRAWN BY CEM
CHECKED BY CEM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				



TYPICAL SECTION #3
US 136
STA. 642+30.58 TO STA. 651+43.50

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER

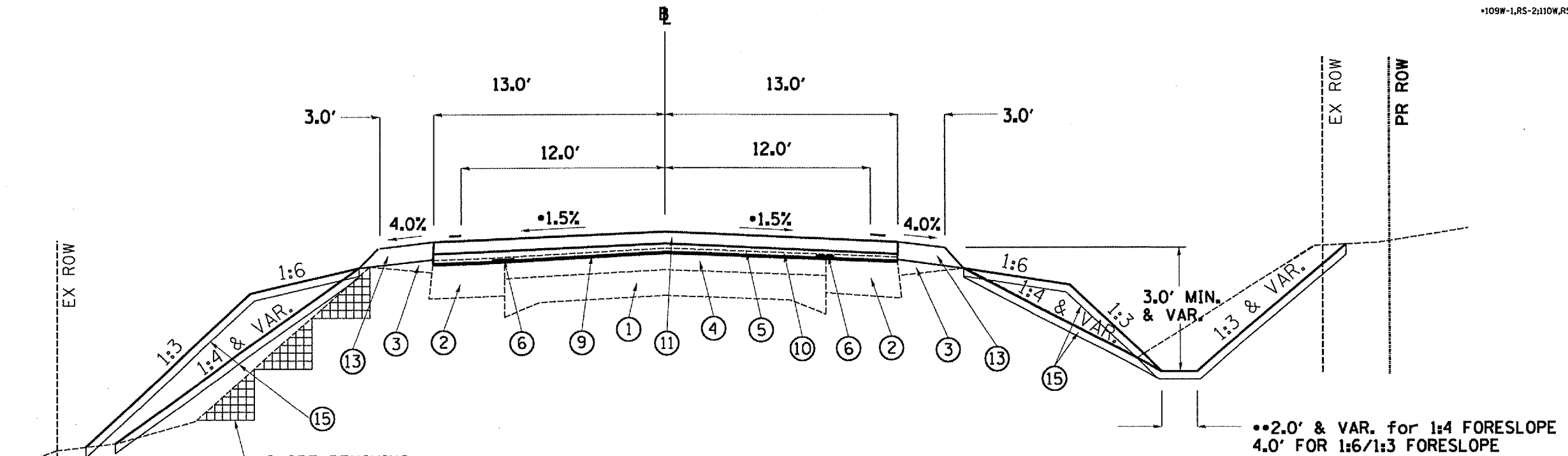
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING TYPICAL SECTION
 US 136
 SCALE: VERT. DRAWN BY CEM
 HORIZ. CHECKED BY CEM
 DATE 08/09/05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

*109W-1,RS-2;110W,RS-1



**TYPICAL SECTION #4
US 136**

••2.0' & VAR. for 1:4 FORESLOPE
4.0' FOR 1:6/1:3 FORESLOPE

- SUPERELEVATED SECTION EXTENDS FROM STATION 624+41.13 TO STA. 635+43.40. SEE CURVE DATA TABLE ON LINE DIAGRAM SHEET.
- PR STONE DUMPED RIPRAP TO BE PLACED IN FLOWLINE AT LOCATIONS SHOWN IN THE PLANS PER DISTRICT STANDARD 281001

NOTE

- PR. HMA BASE CSE, WIDENING
PR. TYPE A GUTTER INLET
- STA. 578+55.00 TO STA. 578+67.30 LT/RT
- STA. 586+83.95 TO STA. 586+95.95 LT/RT
- STA. 612+51.00 TO STA. 612+63.00 LT/RT
- STA. 642+18.58 TO STA. 642+30.58 RT
- PR. HMA BASE CSE, WIDENING
PR. TYPE A GUTTER OUTLET
- STA. 537+85.80 TO STA. 538+21.80 RT
- STA. 582+78.85 TO STA. 583+14.85 LT
- STA. 583+17.95 TO STA. 583+53.95 RT
- STA. 655+00.00 TO STA. 655+36.90 LT

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"

- STA. 502+50.00 TO STA. 533+36.87 LT
- STA. 502+50.00 TO STA. 533+33.85 RT
- STA. 538+35.40 TO STA. 540+00.00 LT
- STA. 537+85.80 TO STA. 540+00.00 RT
- STA. 543+00.00 TO STA. 578+67.30
- STA. 582+78.85 TO STA. 586+95.95 LT
- STA. 583+17.95 TO STA. 586+95.95 RT
- STA. 597+00.00 TO STA. 605+50.00
- STA. 612+51.00 TO STA. 642+30.58
- STA. 655+00.00 TO STA. 658+00.00

- ⑯ PR SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR STRIP REFLECTIVE CRACK CONTROL (PLACED ON MILLED SURFACE)
- ⑲ PR AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)

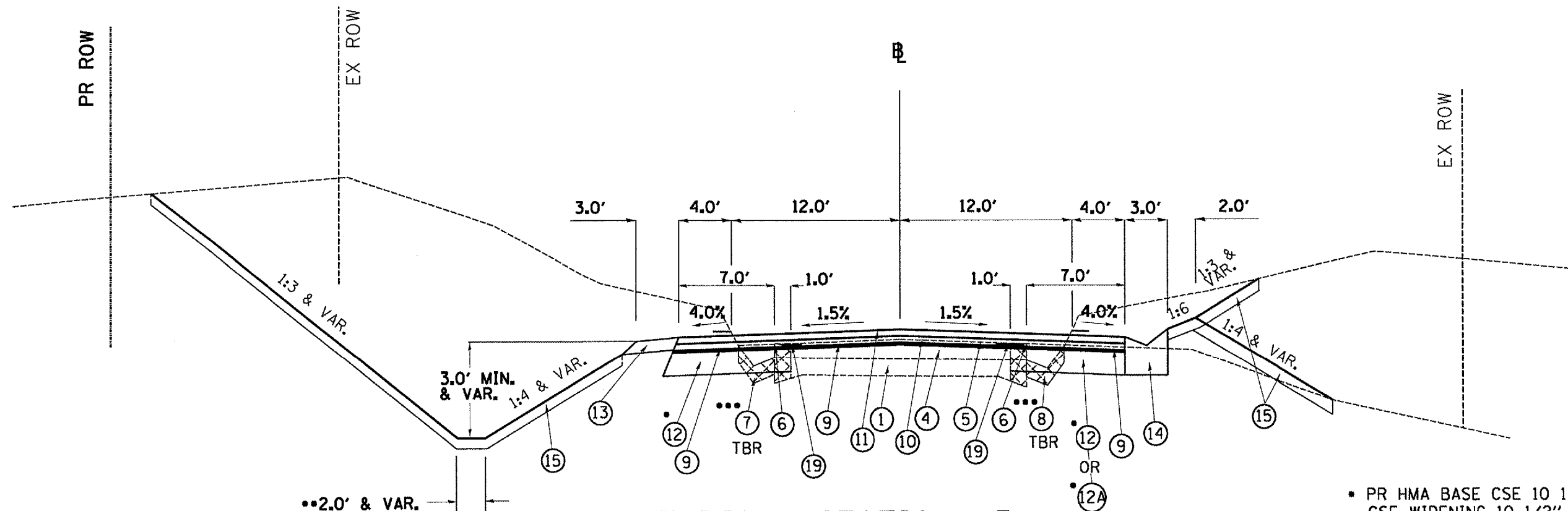
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED TYPICAL SECTION
US 136**
SCALE: VERT. _____
HORIZ. _____
DATE 08/09/05
DRAWN BY CEM
CHECKED BY CEM

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 USER NAME = meuhardice

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1



TYPICAL SECTION #5
US 136

STA. 533+36.87 TO STA. 538+35.40 LT
STA. 533+33.85 TO STA. 537+85.80 RT

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR. SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR. INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR. AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)

- PR HMA BASE CSE 10 1/2" OR HMA BASE CSE WIDENING 10 1/2" SHALL BE PLACED PRIOR TO PR HMA SURFACE REMOVAL AND PR OVERLAY
- PR STONE DUMPED RIPRAP TO BE PLACED IN FLOWLINE AT LOCATIONS SHOWN IN THE PLANS PER DISTRICT STANDARD 281001
- EMBANKMENT SHALL BE USED TO FILL VOID BENEATH PR. HMA BASE CSE. OR PR. HMA BASE CSE. WIDENING CAUSED BY GUTTER REMOVAL. AN ADDITIONAL 1.0 FT. OF PAVEMENT WILL BE REMOVED WITH THE GUTTER SECTION. SEE GUTTER REMOVAL SPECIAL PROVISION.

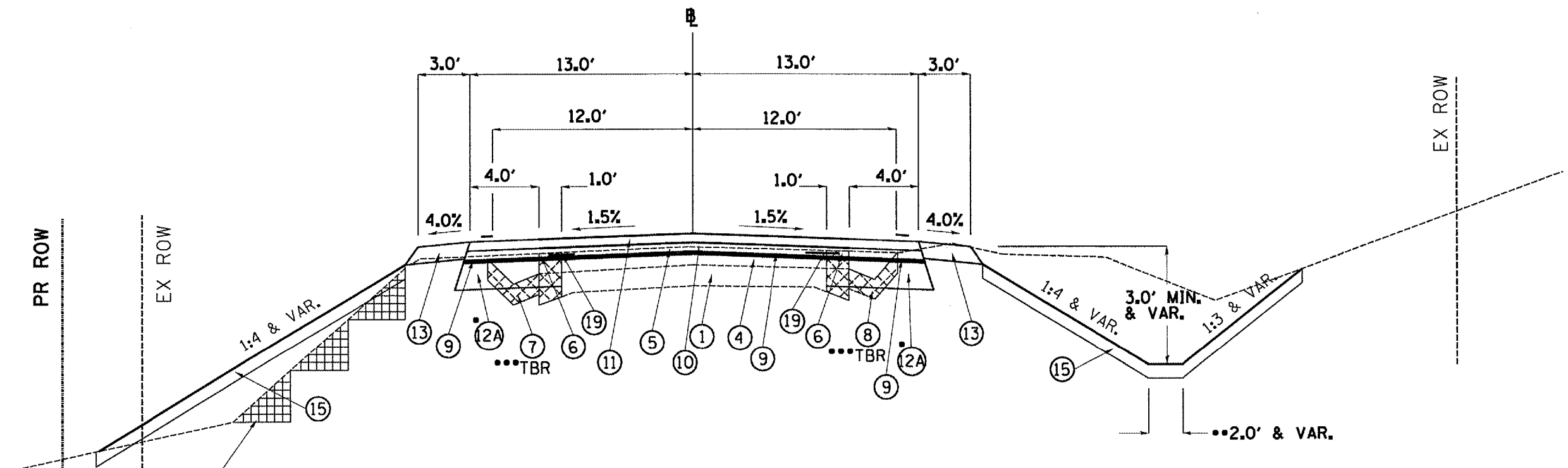
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTION
 US 136
 SCALE: VERT. DRAWN BY CEM
 HORIZ. CHECKED BY CEM
 DATE 08/09/05

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

*109W-1,RS-2,110W,RS-1



TYPICAL SECTION #6
US 136

STA. 540+00.00 TO STA. 543+00.00
 STA. 596+36.90 TO STA. 597+00.00
 STA. 605+50.00 TO STA. 606+64.00

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR. SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR. INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR. AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)

- * PR HMA BASE CSE 10 1/2" OR HMA BASE CSE WIDENING 10 1/2" SHALL BE PLACED PRIOR TO HMA SURFACE REMOVAL AND OVERLAY
- ** PR STONE DUMPED RIPRAP TO BE PLACED IN FLOWLINE AT LOCATIONS SHOWN IN THE PLANS PER DISTRICT STANDARD 281001
- *** EMBANKMENT SHALL BE USED TO FILL VOID BENEATH PR. HMA BASE CSE. OR PR. HMA BASE CSE. WIDENING CAUSED BY GUTTER REMOVAL. AN ADDITIONAL 1.0 FT. OF PAVEMENT WILL BE REMOVED WITH THE GUTTER SECTION. SEE GUTTER REMOVAL SPECIAL PROVISION.

SLOPE BENCHING
SEE DIST. STD. 205001

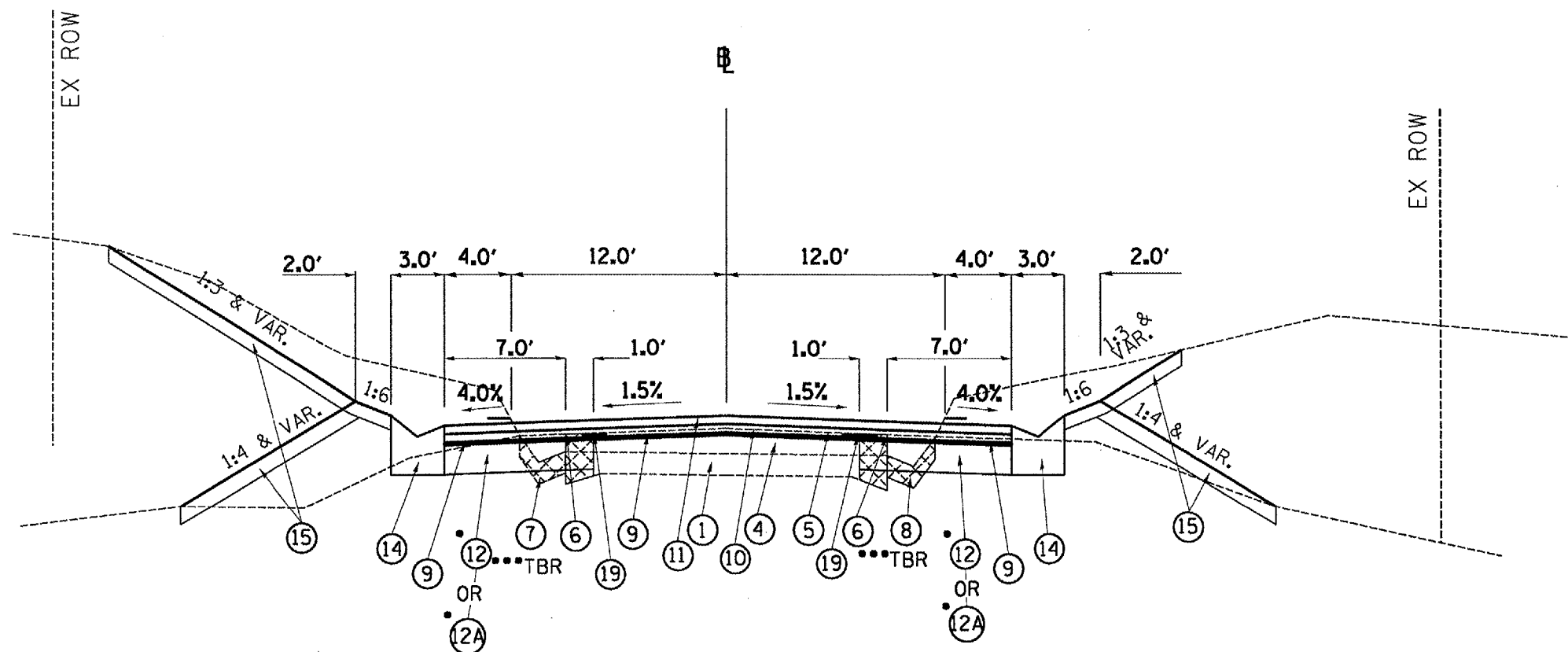
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTION
 US 136
 SCALE: VERT. _____
 HORIZ. _____
 DATE 08/09/05
 DRAWN BY CEM
 CHECKED BY CEM

PLOT DATE: 8/15/2007
 FILE NAME: I:\Projects\136\136typical.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: mshaheride

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

•109W-1,RS-2;110W,RS-1



TYPICAL SECTION #7
US 136

STA. 578+67.30 TO STA. 582+78.85 LT
 STA. 578+67.30 TO STA. 583+17.95 RT
 STA. 586+95.95 TO STA. 596+36.90
 STA. 606+64.00 TO STA. 612+51.00
 STA. 651+43.50 TO STA. 652+00.00

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR. SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR. INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR. AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)
- ⑲ PR. STRIP REFLECTIVE CRACK CONTROL (PLACED ON MILLED SURFACE)

- PR HMA BASE CSE 10 1/2" OR HMA BASE CSE WIDENING 10 1/2" SHALL BE PLACED PRIOR TO HMA SURFACE REMOVAL AND OVERLAY
- EMBANKMENT SHALL BE USED TO FILL VOID BENEATH PR. HMA BASE CSE. OR PR. HMA BASE CSE. WIDENING CAUSED BY GUTTER REMOVAL. AN ADDITIONAL 1.0 FT. OF PAVEMENT WILL BE REMOVED WITH THE GUTTER SECTION. SEE GUTTER REMOVAL SPECIAL PROVISION.

NOTE

PR. HMA BASE CSE. WIDENING
 PR. TYPE A GUTTER OUTLET
 -STA. 596+00.00 TO STA. 596+36.90 LT/RT
 -STA. 606+64.00 TO STA. 607+00.00 LT/RT

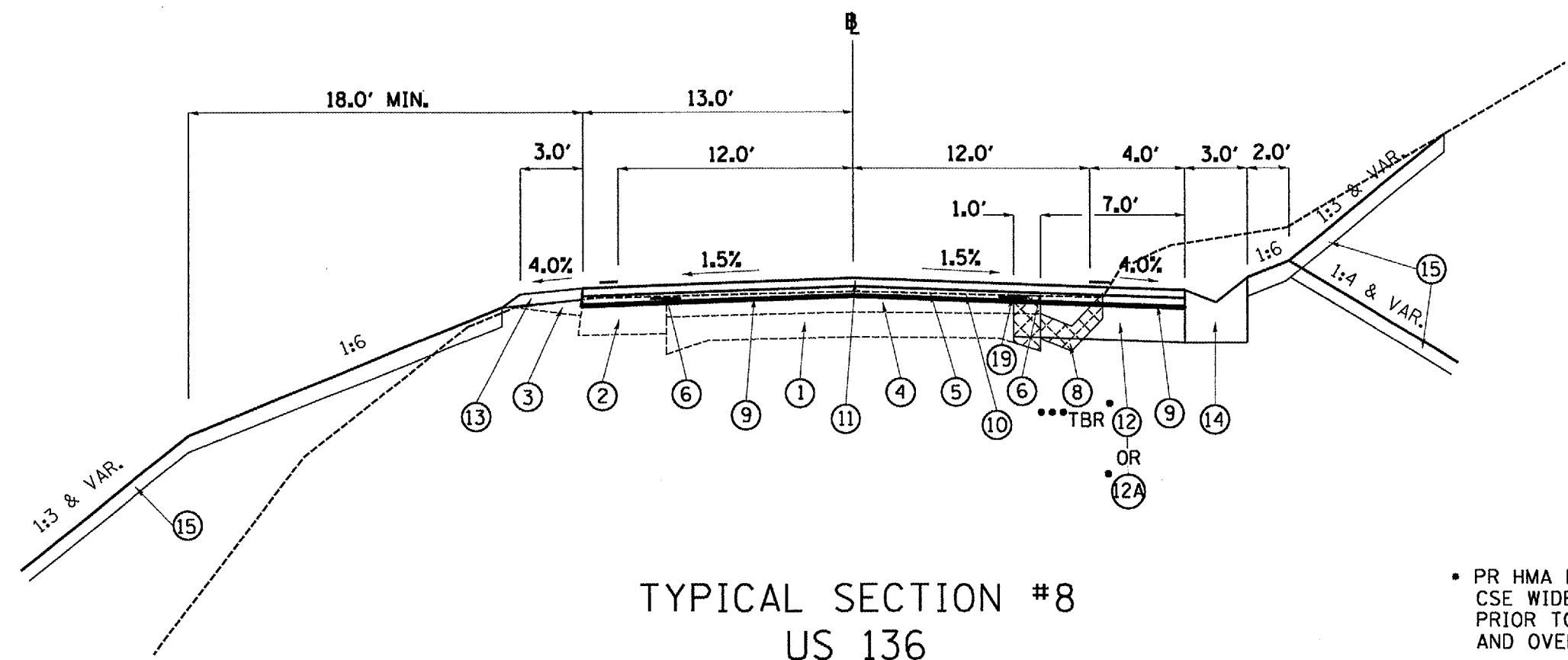
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTION
 US 136
 SCALE: VERT. _____
 HORIZ. _____
 DATE 08/09/05
 DRAWN BY CEM
 CHECKED BY CEM

PLOT DATE = 8/10/2007
 FILE NAME = c:\p136\us136\us136typical.dgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 USER NAME = mshardgo

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

*109W-1,RS-2,110W,RS-1



TYPICAL SECTION #8
US 136

STA. 642+30.58 TO STA. 651+43.50

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR. SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR. INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR. STRIP REFLECTIVE CRACK CONTROL (PLACED ON MILLED SURFACE)
- ⑲ PR. AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)

- PR HMA BASE CSE 10 1/2" OR HMA BASE CSE WIDENING 10 1/2" SHALL BE PLACED PRIOR TO HMA SURFACE REMOVAL AND OVERLAY
- EMBANKMENT SHALL BE USED TO FILL VOID BENEATH PR. HMA BASE CSE. OR PR. HMA BASE CSE. WIDENING CAUSED BY GUTTER REMOVAL. AN ADDITIONAL 1.0 FT. OF PAVEMENT WILL BE REMOVED WITH THE GUTTER SECTION
- EMBANKMENT SHALL BE USED TO FILL VOID BENEATH PR. HMA BASE CSE. OR PR. HMA BASE CSE. WIDENING CAUSED BY GUTTER REMOVAL. AN ADDITIONAL 1.0 FT. OF PAVEMENT WILL BE REMOVED WITH THE GUTTER SECTION. SEE GUTTER REMOVAL SPECIAL PROVISION.

NOTE

PR. HMA BASE CSE. WIDENING
PR. TYPE A GUTTER INLET
-STA. 651+31.50 TO STA. 651+43.50 LT

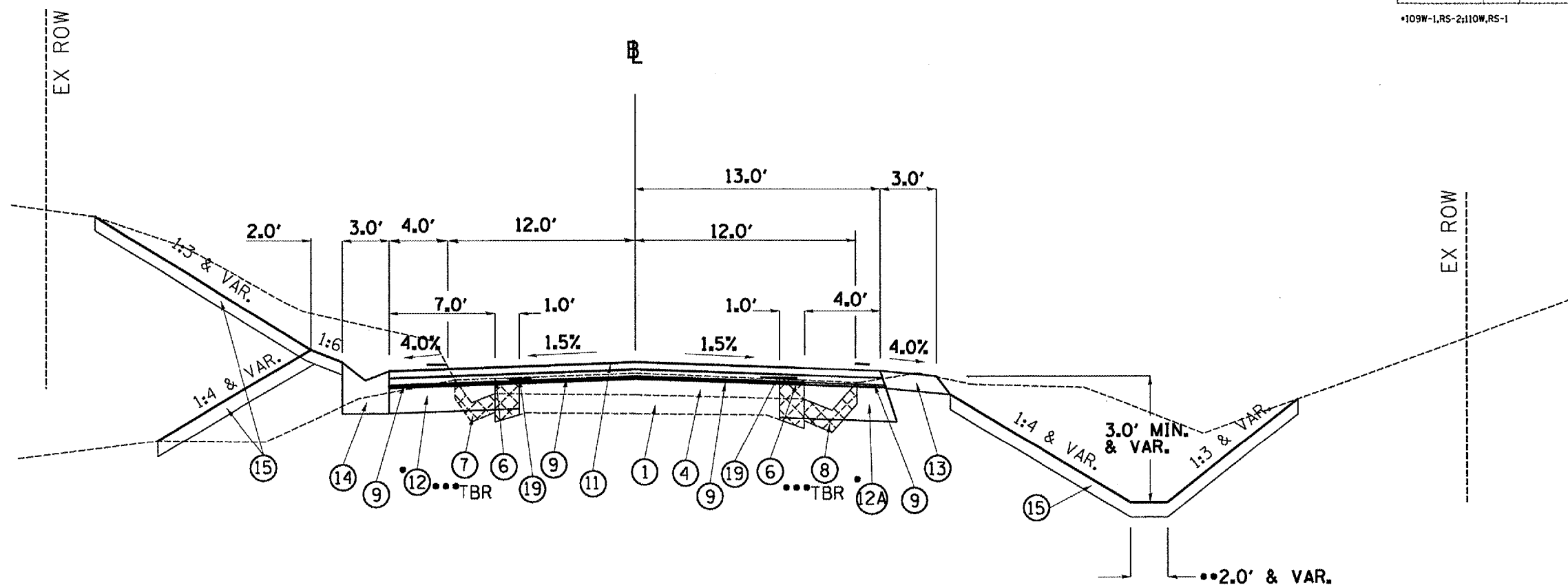
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTION
US 136
SCALE: VERT. DRAWN BY CEM
 HORIZ. CHECKED BY CEM
DATE 08/09/05

PLOT DATE = 8/19/2007
 FILE NAME = \\ms01\pub\136\us136\typical.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshah-dca

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

*109W-1,RS-2,110W,RS-1



TYPICAL SECTION #9
US 136

STA. 652+00.00 TO STA. 655+00.00

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR. SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR. INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR. AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)

- PR HMA BASE CSE 10 1/2" OR HMA BASE CSE WIDENING 10 1/2" SHALL BE PLACED PRIOR TO HMA SURFACE REMOVAL AND OVERLAY
- ** PR STONE DUMPED RIPRAP TO BE PLACED IN FLOWLINE AT LOCATIONS SHOWN IN THE PLANS PER DISTRICT STANDARD 281001
- *** EMBANKMENT SHALL BE USED TO FILL VOID BENEATH PR. HMA BASE CSE. OR PR. HMA BASE CSE. WIDENING CAUSED BY GUTTER REMOVAL. AN ADDITIONAL 1.0 FT. OF PAVEMENT WILL BE REMOVED WITH THE GUTTER SECTION. SEE GUTTER REMOVAL SPECIAL PROVISION.

NOTE

PR. HMA BASE CSE. WIDENING
PR. TYPE A GUTTER OUTLET
-STA. 652+00.00 TO STA. 652+36.90 RT

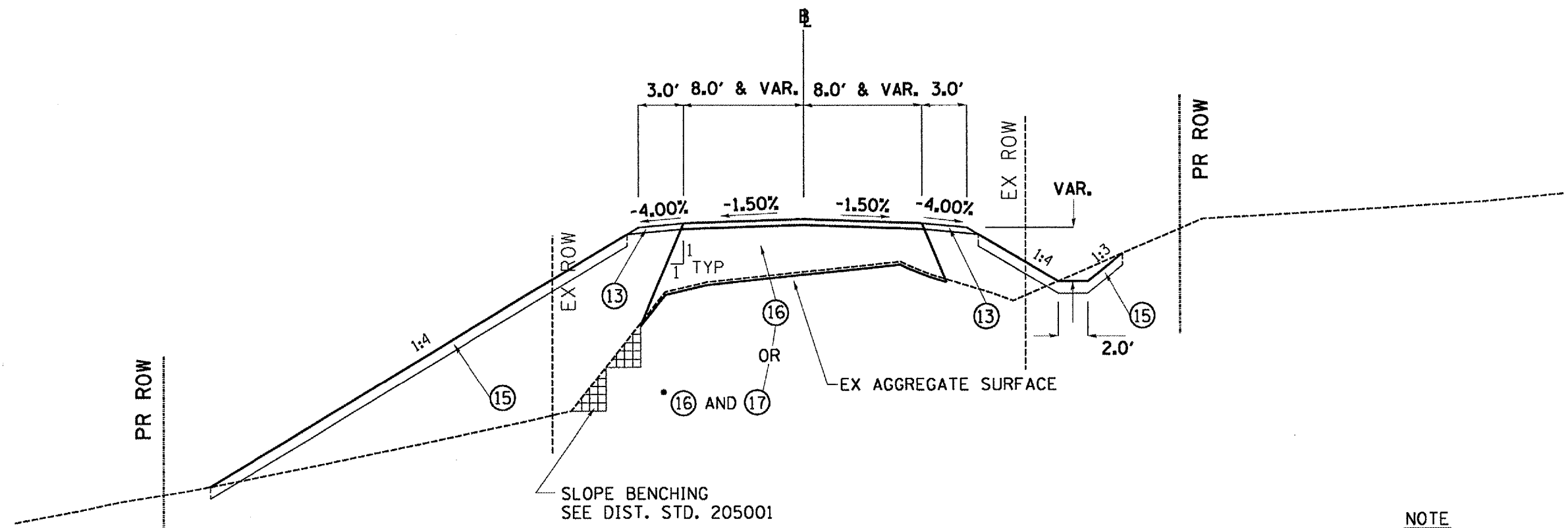
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTION
US 136
SCALE: VERT.
HORIZ.
DATE 08/09/05
DRAWN BY CEM
CHECKED BY CEM

PLOT DATE = 8/15/2007
 FILE NAME = c:\p136\us136\us136typical.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshorlock

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	17
TO STA.				
ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1



TYPICAL SECTION #10
CARLS LANE
STA. 8+50.00 TO STA. 9+87.00

LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)
- ⑲ PR STRIP REFLECTIVE CRACK CONTROL (PLACED ON MILLED SURFACE)

NOTE

*PR AGGREGATE SUBBASE AND INCIDENTAL BITUMINOUS SURFACING EXTENDS FROM STA. 9+25.10 TO STA. 9+87.00

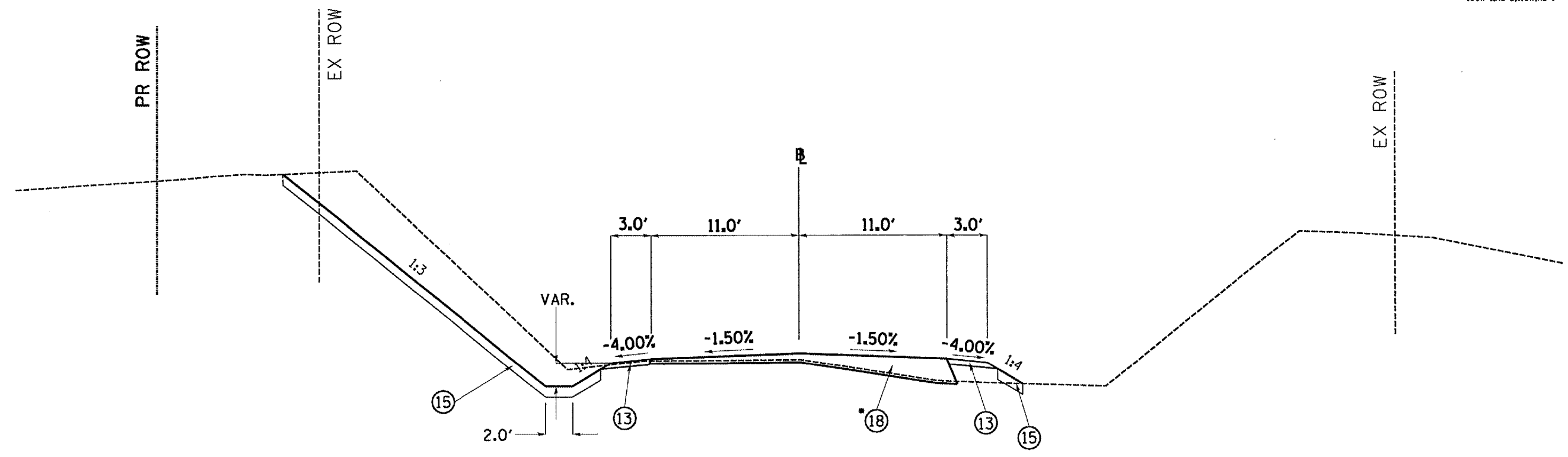
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTION
CARLS LANE
SCALE: VERT. _____
HORIZ. _____
DATE 08/09/05
DRAWN BY CEM
CHECKED BY CEM

PLOT DATE = 8/19/2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = moushor-60

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	18
TO STA.				
ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1



LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"

**TYPICAL SECTION #11
MILE LOAD ROAD
STA. 10+12.70 TO STA. 11+25.00**

- ⑯ PR SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)
- ⑲ PR STRIP REFLECTIVE CRACK CONTROL (PLACED ON MILLED SURFACE)

NOTE

•PR HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2" EXTENDS FROM STA. 10+12.70 TO STA. 10+20.70

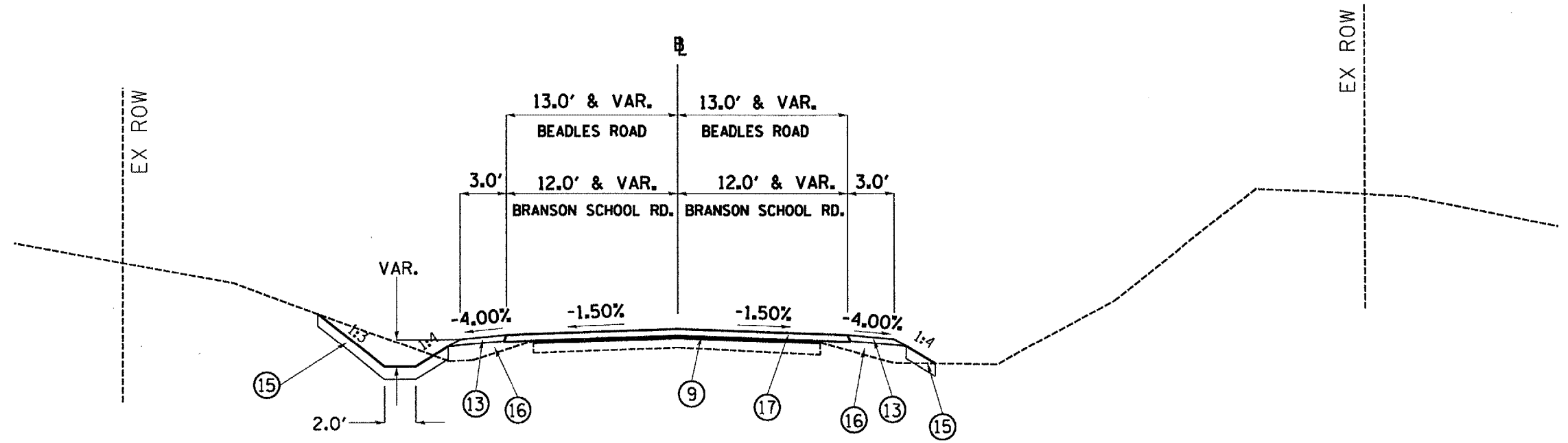
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED TYPICAL SECTION
MILE LOAD ROAD**
SCALE: VERT. _____
 HORIZ. _____
DATE 08/09/05
DRAWN BY CEM
CHECKED BY CEM

PLOT DATE = 8/15/2007
 FILE NAME = I:\110W\110W136\110W136.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = msharada

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	19
TO STA.				
ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1



LEGEND

- ① EX. 9-6-9 PCC PAVEMENT
- ② EX. BITUMINOUS WIDENING 9"
- ③ EX. AGGREGATE SHOULDER
- ④ EX. BITUMINOUS OVERLAY
- ⑤ EX. BITUMINOUS OVERLAY 2"
- ⑥ EX. STRIP REFLECTIVE CRACK CONTROL
- ⑦ EX. TYPE A GUTTER
- ⑧ EX. TYPE B GUTTER
- ⑨ PR. HOT MIX ASPHALT SURFACE REMOVAL (COLDMILLING) 1 1/2"
- ⑩ PR. POLYMERIZED LEVELING BINDER (MM), N50 3/4"
- ⑪ PR. HOT MIX ASPHALT SURFACE CSE. MIX D, N50 1 1/2"
- ⑫ PR. HOT MIX ASPHALT BASE COURSE 10 1/2"
- ⑫A PR. HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2"
- ⑬ PR. AGGREGATE SHOULDER TY. B (RAP)
- ⑭ PR. TY. A GUTTER (MODIFIED)
- ⑮ PR. FURN. AND PLACE TOPSOIL 4"
- ⑯ PR. SUBBASE GRANULAR MATERIAL, TYPE B (VARIABLE DEPTH)
- ⑰ PR. INCIDENTAL BITUMINOUS SURFACING 2 1/2"
- ⑱ PR. STRIP REFLECTIVE CRACK CONTROL (PLACED ON MILLED SURFACE)
- ⑲ PR. AGGREGATE SURF. COURSE, TYPE B (VAR. DEPTH)

TYPICAL SECTION #12
BRANSON SCHOOL ROAD
BEADLES ROAD

NOTE

PR INCIDENTAL HMA SURFACING EXTENDS FROM THE EDGE OF PAVEMENT OF US 136 TO THE RADIUS RETURNS AT BRANSON SCHOOL RD. AND TO THE END OF TAPER AT BEADLES RD. MATCH INTO EXISTING PAVEMENT AT THE RADIUS RETURNS OR TAPER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTION
BRANSON SCHOOL ROAD
BEADLES ROAD

SCALE: VERT.
HORIZ.
DATE 08/09/05

DRAWN BY CEM
CHECKED BY CEM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315			324	20
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

*109W-1,RS-2(110W,RS-1

EROSION CONTROL

LOCATION	SEEDING CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	*TEMPORARY AGGREGATE DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
	(AT 200 LB/ACRE) ACRE	(AT 90 LB/ACRE) POUND	(AT 90 LB/ACRE) POUND	(AT 90 LB/ACRE) POUND	(AT 2 TON/ACRE) ACRE	SQ. YD.	(AT 100 LB/ACRE) POUND	EACH		FOOT	EACH
US 136											
LT. STA. 499+00 TO STA. 507+00	0.543	48.9	48.9	48.9	0.543		54.3	4	1	263	
LT. STA. 507+00 TO STA. 521+00	0.839	75.5	75.5	75.5	0.839		83.9	5	2	296	
LT. STA. 521+00 TO STA. 535+00	0.833	75.0	75.0	75.0	0.833		83.3	5	1	312	
LT. STA. 535+00 TO STA. 547+00	0.934	84.1	84.1	84.1	0.934		93.4	9	2	578	
LT. STA. 547+00 TO STA. 561+00	0.803	72.3	72.3	72.3	0.803		80.3	9	1	90	
LT. STA. 561+00 TO STA. 575+00	0.844	76.0	76.0	76.0	0.844		84.4	12			1
LT. STA. 575+00 TO STA. 587+00	0.905	81.5	81.5	81.5	0.905		90.5	6	1	1,355	1
LT. STA. 587+00 TO STA. 602+00	1.113	100.2	100.2	100.2	1.113		111.3	3		1,987	
LT. STA. 602+00 TO STA. 616+00	1.000	90.0	90.0	90.0	1.000		100.0	4		1,845	1
LT. STA. 616+00 TO STA. 630+00	1.224	110.2	110.2	110.2	1.104	580.0	122.4	10		1,424	1
LT. STA. 630+00 TO STA. 645+00	1.541	138.7	138.7	138.7	1.541		154.1	7	1	1,072	
LT. STA. 645+00 TO STA. 658+00	0.882	79.4	79.4	79.4	0.882		88.2	3		1,047	
CARLS LANE											
LT. STA. 8+50 TO STA. 9+75	0.116	10.4	10.4	10.4	0.116		11.6				
MILE LOAD ROAD											
LT. STA. 10+40 TO STA. 11+50	0.048	4.3	4.3	4.3	0.048		4.8				
CULVERT OUTLET											
LT. STA. 1+00 TO STA. 2+87	0.064	5.8	5.8	5.8	0.064		6.4				
LT. STA. TOTALS	11.689	1,052.0	1,052.0	1,052.0	11.569	580.0	1,168.9	77	9	10269	4
US 136											
RT. STA. 499+00 TO STA. 507+00	0.342	30.8	30.8	30.8	0.342		34.2	5			
RT. STA. 507+00 TO STA. 521+00	1.003	90.3	90.3	90.3	1.003		100.3	5			2
RT. STA. 521+00 TO STA. 535+00	0.679	61.1	61.1	61.1	0.679		67.9	6		168	2
RT. STA. 535+00 TO STA. 547+00	0.736	66.2	66.2	66.2	0.736		73.6	10		392	
RT. STA. 547+00 TO STA. 561+00	0.668	60.1	60.1	60.1	0.668		66.8	9			1
RT. STA. 561+00 TO STA. 575+00	0.792	71.3	71.3	71.3	0.792		79.2	11		275	
RT. STA. 575+00 TO STA. 587+00	0.880	79.2	79.2	79.2	0.880		88.0	5		947	
RT. STA. 587+00 TO STA. 602+00	0.880	79.2	79.2	79.2	0.880		88.0	0		1,316	
RT. STA. 602+00 TO STA. 616+00	0.716	64.4	64.4	64.4	0.716		71.6	6	1	1,352	
RT. STA. 616+00 TO STA. 630+00	1.242	111.8	111.8	111.8	1.242		124.2	7	1	500	1
RT. STA. 630+00 TO STA. 645+00	0.867	78.0	78.0	78.0	0.867		86.7	11		465	1
RT. STA. 645+00 TO STA. 658+00	1.005	90.5	90.5	90.5	1.005		100.5	4		1,178	
CARLS LANE											
RT. STA. 8+50 TO STA. 9+75	0.036	3.2	3.2	3.2	0.036		3.6				
MILE LOAD ROAD											
RT. STA. 10+40 TO STA. 11+50	0.005	0.5	0.5	0.5	0.005		0.5				
CULVERT OUTLET											
RT. STA. 1+00 TO STA. 2+87	0.019	1.7	1.7	1.7	0.019		1.9				
RT. STA. TOTALS	9.870	888.3	888.3	888.3	9.870	0.0	987.0	79.0	2	6,593	7.0
GRAND TOTALS	21.5	1,935	1,935	1,935	21.5	580	2,150	156	11	16,862	11

*TEMPORARY AGGREGATE DITCH CHECKS WILL BE PAID FOR AS TEMPORARY DITCH CHECKS

SEEDLING MIXTURE A	
LOCATION	UNITS
JOB SITE	10.5
TOTAL	10.5

STRAW MULCH	
LOCATION	TON
JOB SITE	43
TOTAL	43

MOWING	
LOCATION	UNIT
JOB SITE	319
Assume 2 projectwide applications	
TOTAL	319

PLOT DATE = 9/15/2007
 PLOT SCALE = 1/8"=100'
 USER NAME = moulton-doe

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES
EROSION CONTROL**

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULION	324	21
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1

TREE REMOVAL (6 TO 15 UNITS DIAMETER)	
LOCATION	UNITS
LT. STA. 589+65	7
LT. STA. 589+65	6
LT. STA. 615+20	6
LT. STA. 615+50	7
LT. STA. 616+50	8
LT. STA. 621+00	11
LT. STA. 621+30	6
LT. STA. 629+75	15
LT. STA. 636+45	10
LT. STA. 636+45	10
LT. STA. 638+05	10
LT. STA. 638+05	13
LT. STA. 638+65	8
RT. STA. 507+20	7
RT. STA. 507+20	6.5
RT. STA. 569+50	6
RT. STA. 656+90	8
RT. STA. 657+00	13
TOTAL	158

TREE REMOVAL (OVER 15 UNITS DIAMETER)	
LOCATION	
LT. STA. 510+10	31
LT. STA. 525+30	31
LT. STA. 538+25	59
LT. STA. 624+90	30
LT. STA. 625+20	26
LT. STA. 631+25	20
LT. STA. 631+55	23
LT. STA. 636+10	19
LT. STA. 638+60	38
LT. STA. 651+80	43
RT. STA. 507+85	24
RT. STA. 641+80	31
RT. STA. 649+05	27
RT. STA. 649+10	23
RT. STA. 650+80	34
RT. STA. 656+50	43
RT. STA. 656+70	41
TOTAL	543

TREE REMOVAL, ACRES	
LOCATION	ACRE
LT. STA. 602+00.00 TO STA. 603+50.00	0.2118
LT. STA. 603+69.00 TO STA. 611+38.00	0.2009
LT. STA. 612+36.00 TO STA. 614+29.15	0.0490
LT. STA. 617+25.30 TO STA. 620+75.45	0.1063
LT. STA. 626+50.00 TO STA. 629+00.00	0.5393
LT. STA. 636+86.25 TO STA. 637+63.35	0.0120
LT. STA. 639+00.00 TO STA. 645+00.00	0.7486
LT. STA. 654+50.00 TO STA. 658+00.00	0.1139
RT. STA. 538+22.00 TO STA. 540+58.50	0.1908
RT. STA. 583+50.00 TO STA. 586+50.00	0.4232
RT. STA. 588+00.00 TO STA. 592+00.00	0.1932
RT. STA. 600+00.00 TO STA. 602+00.00	0.0627
TOTAL	2.85

PAVEMENT REMOVAL	
LOCATION	SO. YD.
STA. 539+54.90	185
TOTAL	185

GUTTER REMOVAL	
LOCATION	FOOT
LT. STA. 533+36.87 TO STA. 538+35.40	498.5
LT. STA. 540+00.00 TO STA. 543+00.00	300.0
LT. STA. 578+67.00 TO STA. 582+78.85	412.0
LT. STA. 586+96.00 TO STA. 597+00.00	1004.0
LT. STA. 605+50.00 TO STA. 612+51.00	701.0
LT. STA. 651+43.00 TO STA. 655+00.00	357.0
RT. STA. 533+33.85 TO STA. 537+85.80	452.0
RT. STA. 540+00.00 TO STA. 543+00.00	300.0
RT. STA. 578+67.00 TO STA. 583+17.95	451.0
RT. STA. 586+96.00 TO STA. 597+00.00	1004.0
RT. STA. 605+50.00 TO STA. 612+51.00	701.0
RT. STA. 642+30.00 TO STA. 655+50.00	1320.0
TOTAL	7,501

REMOVAL OF EXISTING STRUCTURES	
LOCATION	EACH
STA. 539+54.90	1
TOTAL	1

CONCRETE REMOVAL	
LOCATION	CU. YD.
LT. STA. 584+11.00	4.0
TOTAL	4.0

SEE STRUCTURE PLANS FOR ADDITIONAL QUANTITIES

SHOULDER REMOVAL	
LOCATION	SO. YD.
LT. STA. 537+88.25 TO STA. 541+25.75	187.5
LT. STA. 601+23.18 TO STA. 602+35.18	49.8
RT. STA. 537+98.65 TO STA. 541+11.15	138.9
RT. STA. 601+23.18 TO STA. 602+35.18	49.8
TOTAL	426

REMOVE EXISTING HANDHOLE	
LOCATION	EACH
RT. STA. 514+00.00	1
TOTAL	1

REMOVE EXISTING CONTROL INSTALLATION, AND SALVAGE	
LOCATION	EACH
RT. STA. 514+00.00	1
TOTAL	1

DEBRIS REMOVAL	
LOCATION	L. SUM
LT. STA. 640+50.00	1
TOTAL	1

PAVED DITCH REMOVAL	
LOCATION	FOOT
RT. STA. 583+20.00 TO STA. 585+20.00	200
TOTAL	200

FENCE REMOVAL	
LOCATION	FOOT
LT. STA. 499+70.00 TO STA. 502+65.00	295.00
LT. STA. 504+23.55 TO STA. 510+50.00	626.45
LT. STA. 538.00.00 TO STA. 538+45.00	45.00
LT. STA. 539+42.30 TO STA. 543+29.30	433.00
LT. STA. 547+00.00 TO STA. 550+24.00	324.00
LT. STA. 550+73.00 TO STA. 551+00.00	27.00
LT. STA. 555+49.75 TO STA. 556+73.80	124.05
LT. STA. 557+00.00 TO STA. 565+00.00	800.00
LT. STA. 572+91.75 TO STA. 577+53.00	461.25
LT. STA. 580+40.00 TO STA. 587+00.00	660.00
LT. STA. 587+49.50 TO STA. 594+30.90	681.40
LT. STA. 597+22.50 TO STA. 598+04.00	81.50
LT. STA. 600+00.00 TO STA. 603+65.40	365.40
LT. STA. 614+23.50 TO STA. 616+37.70	214.20
LT. STA. 617+32.40 TO STA. 622+61.90	529.50
LT. STA. 642+50.00 TO STA. 647+00.00	450.00
LT. STA. 645+87.00 TO STA. 646+55.00	68.00
RT. STA. 571+49.20 TO STA. 577+73.65	624.45
RT. STA. 580+49.40 TO STA. 603+60.00	2310.60
RT. STA. 617+56.50 TO STA. 618+08.40	51.90
RT. STA. 637+50.00 TO STA. 642+23.00	473.00
RT. STA. 643+59.55 TO STA. 650+67.30	707.75
RT. STA. 653+94.85 TO STA. 654+34.00	39.15
RT. STA. 655+08.00 TO STA. 658+00.00	292.00
CARLS LANE	
LT. STA. 8+49.60 TO STA. 9+59.00	109.40
TOTAL	10,796

STEEL PLATE BEAM GUARDRAIL REMOVAL	
LOCATION	FOOT
LT. STA. 627+17.20 TO STA. 628+19.25	104
TOTAL	104

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. NONE
HORIZ. DATE 02/07/2007

DRAWN BY CEM
CHECKED BY CEM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULION	324	22
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	*EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (COL. 1 X 0.75)	*EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (COL. 3 - COL. 4)	TOPSOIL FURNISH AND PLACE 4"
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	SO. YD.
US 136						
STA. 499+00.00 TO STA. 507+00.00	2,735.5		2,051.6	47.8	2,003.8	4,284.4
STA. 507+00.00 TO STA. 521+00.00	5,775.9	22.9	4,331.9	163.6	4,168.3	8,916.3
STA. 521+00.00 TO STA. 535+00.00	5,174.3	15.4	3,880.7	78.0	3,802.7	7,317.1
STA. 535+00.00 TO STA. 547+00.00	9,550.2	564.6	7,162.7	457.8	6,704.9	8,084.9
STA. 547+00.00 TO STA. 561+00.00	3,733.6		2,800.2	33.6	2,766.6	7,120.9
STA. 561+00.00 TO STA. 575+00.00	4,885.1	19.6	3,663.8	87.6	3,576.2	7,918.3
STA. 575+00.00 TO STA. 587+00.00	7,536.0		5,652.0	3,554.9	2,097.1	8,641.6
STA. 587+00.00 TO STA. 602+00.00	11,128.7	142.0	8,346.5	1,293.8	7,052.7	9,644.0
STA. 602+00.00 TO STA. 616+00.00	6,437.0	21.6	4,827.8	1,654.1	3,173.7	8,307.9
STA. 616+00.00 TO STA. 630+00.00	5,614.1	21.1	4,210.6	5,616.8	-1,406.2	11,937.2
STA. 630+00.00 TO STA. 645+00.00	3,880.4		2,910.3	6,783.8	-3,873.5	11,652.0
STA. 645+00.00 TO STA. 658+00.00	5,047.4	90.0	3,785.6	2,249.6	1,536.0	9,133.1
CARLS LANE						
STA. 8+50.00 TO STA. 9+75.00	9.0		6.8	329.7	-323.0	732.7
MILE LOAD ROAD						
STA. 10+40.00 TO STA. 11+50.00	103.4		77.6	4.0	73.6	255.2
CULVERT OUTLET						
STA. 1+00.00 TO STA. 2+87.00	166.0		124.5	287.4	-162.9	401.6
GRAND TOTALS	71,776.6	897.2	53,832.5	22,642.5	31,190.0	104,347.2
SAY	71,777	898	53,833	22,643	31,190	104,347

EARTH EXCAVATION SHRINKAGE FACTOR =25%
 ITEMS MARKED WITH AN ASTERISK (*) ARE FOR INFORMATIONAL PURPOSES ONLY

GRADING AND SHAPING DITCHES	
LOCATION	UNIT
LT. STA. 504+17 TO STA. 504+50	0.60
LT. STA. 509+57.02	0.41
LT. STA. 525+40.71	0.81
LT. STA. 583+20 TO STA. 583+85	0.90
RT. STA. 572+59.40 TO STA. 573+20.00	1.83
TOTAL	4.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES EARTHWORK
 SCALE: VERT. NONE
 HORIZ. DATE 02/07/2007
 DRAWN BY CEM
 CHECKED BY CEM

PLOT DATE = 9/15/2007
 FILE NAME = \\s136\user\136\user\136\136.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshar-06

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EFFLION	324	23
STA.	TO STA.			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

*109W-1,RS-2110W,RS-1

SUBBASE GRANULAR MATERIAL, TYPE B

LOCATION	TON
BRANSON SCHOOL ROAD	143
BEADLES LANE	165
CARLS LANE STA. 8+50.00 TO 9+75.00	240
TOTAL	548

HMA BASE COURSE 10 1/2 INCH

LOCATION	SO. YD.
LT. STA. 533+36.87 TO STA. 538+35.40	443.14
LT. STA. 578+67.30 TO STA. 582+78.85	365.82
LT. STA. 586+95.95 TO STA. 596+36.90	836.40
LT. STA. 606+64.00 TO STA. 612+51.00	521.78
LT. STA. 651+43.50 TO STA. 655+00.00	316.89
RT. STA. 533+33.85 TO STA. 537+85.80	401.73
RT. STA. 578+67.30 TO STA. 583+17.95	400.58
RT. STA. 586+95.95 TO STA. 596+36.90	836.40
RT. STA. 606+64.00 TO STA. 612+51.00	521.78
RT. STA. 642+30.58 TO STA. 652+36.90	894.51
Crossroad Culverts	
STA. 509+57.02	69.80
STA. 515+13.83	59.68
STA. 525+40.71	56.80
STA. 523+52.13 BRANSON SCHOOL RD.	104.48
STA. 532+50.00	48.65
STA. 547+35.20	51.05
STA. 550+45.18 BEADLES RD.	62.85
STA. 572+59.40	59.71
TOTAL	6,052

PCC BASE COURSE 10 1/2 INCH

LOCATION	SO. YD.
STA. 539+54.90	185
TOTAL	185

HMA BASE COURSE WIDENING 10 1/2 INCH

LOCATION	SQ. YD.
US 136 MAINLINE PAVEMENT	
LT. STA. 540+00.00 TO STA. 543+00.00	166.66
LT. STA. 578+55.00 TO STA. 578+67.30	4.10
LT. STA. 582+78.85 TO STA. 583+14.85	12.00
LT. STA. 586+83.95 TO STA. 586+95.95	4.00
LT. STA. 596+36.90 TO STA. 597+00.00	35.06
LT. STA. 605+50.00 TO STA. 606+64.00	63.33
LT. STA. 612+51.00 TO STA. 612+63.00	4.00
LT. STA. 651+31.50 TO STA. 651+43.50	4.00
LT. STA. 655+00.00 TO STA. 655+36.90	12.30
RT. STA. 537+85.80 TO STA. 538+21.80	12.00
RT. STA. 540+00.00 TO STA. 543+00.00	166.66
RT. STA. 578+55.00 TO STA. 578+67.30	4.10
RT. STA. 583+17.95 TO STA. 583+53.95	12.00
RT. STA. 586+83.95 TO STA. 586+95.95	4.00
RT. STA. 596+36.90 TO STA. 597+00.00	35.06
RT. STA. 605+50.00 TO STA. 606+64.00	63.33
RT. STA. 612+51.00 TO STA. 612+63.00	4.00
RT. STA. 642+18.58 TO STA. 642+30.58	4.00
RT. STA. 652+36.00 TO STA. 655+50.00	174.44
MILE LOAD ROAD RADII	
LT. STA. 616+20.00 TO STA. 618+15.00	134.82
MAILBOX TURNOUTS	
RT. STA. 507+47.14	40.56
RT. STA. 529+24.12	57.97
RT. STA. 533+18.30	56.04
RT. STA. 571+17.50	44.55
LT. STA. 653+27.70 TO STA. 653+67.60	6.46
LT. STA. 654+27.00 TO STA. 654+71.50	6.28
TEMPORARY WIDENING	
LT. STA. 537+40.00 TO STA. 541+70.00	191.10
LT. STA. 600+80.00 TO STA. 602+65.00	82.22
RT. STA. 537+40.00 TO STA. 541+70.00	238.90
RT. STA. 600+80.00 TO STA. 602+65.00	82.22
TOTAL	1,726

AGGREGATE SURFACE COURSE, TYPE B

LOCATION	TON
LT. STA. 502+74.79	30.71
LT. STA. 523+50.83	55.55
LT. STA. 528+73.67	16.83
LT. STA. 530+17.30	34.74
LT. STA. 538+92.65	62.33
LT. STA. 543+67.90	18.36
LT. STA. 566+00.00	57.74
LT. STA. 579+15.20	48.64
LT. STA. 597+60.95	65.46
LT. STA. 621+58.90	63.14
LT. STA. 626+50.00	54.73
LT. STA. 633+75.00	58.67
LT. STA. 650+24.50	17.97
LT. STA. 651+02.00	17.32
LT. STA. 653+95.85	15.48
LT. STA. 654+04.50	17.00
RT. STA. 507+47.14	17.69
RT. STA. 529+24.12	33.43
RT. STA. 533+18.30	12.11
RT. STA. 543+69.00	63.63
RT. STA. 557+48.30	56.75
RT. STA. 566+00.00	57.74
RT. STA. 569+66.80	23.58
RT. STA. 571+17.50	13.79
RT. STA. 578+01.25	49.25
RT. STA. 597+60.65	78.82
RT. STA. 630+85.90	51.52
RT. STA. 633+28.55	51.10
RT. STA. 654+13.20	63.76
MILE LOAD ROAD	
STA. 10+40 TO STA. 11+50	54.89
TOTAL	1,263

AGGREGATE FOR TEMPORARY ACCESS

LOCATION	TON
JOBSITE	580
TOTAL	580

BITUMINOUS DRIVEWAY PAVEMENT 8 INCH

LOCATION	SO. YD.
LT. STA. 502+74.79	58.35
LT. STA. 528+73.67	48.24
LT. STA. 530+17.30	57.91
LT. STA. 543+67.90	50.02
LT. STA. 650+24.50	50.81
LT. STA. 651+02.00	51.19
RT. STA. 569+66.80	49.14
TOTAL	366

LOCATION	ROCK FILL	POROUS GRANULAR EMBANKMENT	GEOTECH FABRIC FOR GROUND STABILIZATION
	TON	TON	SO. YD.
CROSS ROAD CULVERTS			
STA. 515+13.83	17.79	8.90	27.01
STA. 525+40.71		17.87	26.74
STA. 572+59.4	30.07	15.03	44.00
STA. 613+37.60	15.19	7.85	25.64
STA. 618+84.63	15.26	7.63	25.00
UNDERCUTS			
LT. STA. 539+55.00 TO STA. 540+50.00	386.24		318.50
RT. STA. 584+56.33 TO STA. 586+00.00	1,408.04		
TOTAL	1873	57	467

NOTE - SEE STRUCTURE PLANS FOR ADDITIONAL QUANTITIES

BACKSLOPE DRAINS, TYPE 2 6"

LOCATION	FOOT
LT. STA. 643+50.00 TO STA. 648+00.00	450
TOTAL	450

PLT DATE = 01/14/2007
 FILE NAME = \\s136\user\m136\chec04
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = m136\har-06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. NONE
 HORIZ. DATE 02/09/2007
 DRAWN BY CM
 CHECKED BY CM

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315			324	24
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	
LOCATION	L. SUM
JOB SITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	
LOCATION	L. SUM
JOB SITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	
LOCATION	L. SUM
JOB SITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	
LOCATION	EACH
STA. 539+54.90	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	
LOCATION	L. SUM
JOB SITE	1
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL. DAY
JOB SITE	46
TOTAL	46

CONSTRUCTION LAYOUT	
LOCATION	L. SUM
JOB SITE	1
TOTAL	1

TEMPORARY BRIDGE TRAFFIC SIGNALS	
LOCATION	EACH
STA. 539+54.90	1
TOTAL	1

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	
LOCATION	
STA. 539+54.90	1
TOTAL	1

TEMPORARY CONCRETE BARRIER	
LOCATION	FOOT
STA. 539+54.90	312.5
STA. 601+79.18	112.5
TOTAL	425

RELOCATE TEMPORARY CONCRETE BARRIER	
LOCATION	FOOT
STA. 539+54.90	312.5
STA. 601+79.18	112.5
TOTAL	425

IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	
LOCATION	EACH
LT. STA. 537+98.65	1
LT. STA. 541+25.75	1
LT. STA. 601+23.18	1
LT. STA. 602+35.18	1
TOTAL	4

IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE) TEST LEVEL 3	
LOCATION	EACH
RT. STA. 537+98.65	1
RT. STA. 541+11.15	1
RT. STA. 601+23.18	1
RT. STA. 602+35.18	1
TOTAL	4

MOBILIZATION	
LOCATION	L. SUM
JOB SITE	1
TOTAL	1

ENGINEERS FIELD OFFICE, TYPE A	
LOCATION	CAL. MO
JOB SITE	9
TOTAL	9

ENGINEERS FIELD LABORATORY	
LOCATION	CAL. MO
JOB SITE	9
TOTAL	9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. NONE
HORIZ. NONE

DATE 02/09/2007

DRAWN BY CEM
CHECKED BY CEM

PLT DATE = 01/19/2007
PLT SCALE = 3/8"=1'-0"
USER NAME = moushahdce

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		ILLINOIS	329	29
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1

RIPRAP SCHEDULE

LOCATION	STONE DUMPED RIPRAP CLASS A3	STONE DUMPED RIPRAP CLASS A4	STONE DUMPED RIPRAP CLASS A5	STONE DUMPED RIPRAP CLASS A6	FILTER FABRIC
	TON	TON	TON	TON	SO. YD.
US 136					
LT. STA. 499+00 TO STA. 507+00					
LT. STA. 507+00 TO STA. 521+00	33.56				
LT. STA. 521+00 TO STA. 535+00	210.38				
LT. STA. 535+00 TO STA. 547+00	298.48	333.20			422.29
LT. STA. 547+00 TO STA. 561+00	4.20				
LT. STA. 561+00 TO STA. 575+00	1.05				
LT. STA. 575+00 TO STA. 587+00			746.63		773.70
LT. STA. 587+00 TO STA. 602+00	24.61		150.06		189.37
LT. STA. 602+00 TO STA. 616+00	735.21				
LT. STA. 616+00 TO STA. 630+00	123.19		54.57		45.37
LT. STA. 630+00 TO STA. 645+00		351.92	364.82		543.20
LT. STA. 645+00 TO STA. 658+00		280.15			321.17
CULVERT OUTLET					
STA. 1+00 TO STA. 2+87			567.50		471.98
LT. STA. TOTALS	1430.68	965.27	1,883.58		2767.08
US 136					
RT. STA. 499+00 TO STA. 507+00					
RT. STA. 507+00 TO STA. 521+00					
RT. STA. 521+00 TO STA. 535+00					
RT. STA. 535+00 TO STA. 547+00		388.97			334.05
RT. STA. 547+00 TO STA. 561+00					
RT. STA. 561+00 TO STA. 575+00	3.08				
RT. STA. 575+00 TO STA. 587+00			590.85	62.50	538.87
RT. STA. 587+00 TO STA. 602+00	56.47	376.70	86.24		517.10
RT. STA. 602+00 TO STA. 616+00	278.46	151.37			82.61
RT. STA. 616+00 TO STA. 630+00	98.71				
RT. STA. 630+00 TO STA. 645+00		87.33			94.44
RT. STA. 645+00 TO STA. 658+00		686.27			722.48
RT. STA. TOTALS	436.72	1,690.64	677.09	62.50	2289.55
GRAND TOTALS	1867	2,656	2,561	63	5,057

CONCRETE GUTTER

LOCATION	TYPE A (MOD)	OUTLET (SPCL) (TO STA.)	INLET (SPCL) (TO STA.)
	FOOT	EACH	EACH
LT. STA. 578+67.30			1 TO STA. 578+55.00
LT. STA. 582+78.85	411.6	1 TO STA. 583+14.85	
LT. STA. 586+95.95			1 TO STA. 586+83.95
LT. STA. 596+00.00	904.1	1 TO STA. 596+36.90	
LT. STA. 607+00.00		1 TO STA. 606+64.00	
LT. STA. 612+51.00	551.0		1 TO STA. 612+63.00
LT. STA. 651+43.50			1 TO STA. 651+31.50
LT. STA. 655+00.00	356.5	1 TO STA. 655+36.90	
RT. STA. 533+33.85			
RT. STA. 537+85.80	452.0	1 TO STA. 538+21.80	
RT. STA. 578+67.30			1 TO STA. 578+55.00
RT. STA. 583+17.95	450.7	1 TO STA. 583+53.95	
RT. STA. 586+95.95			1 TO STA. 586+83.95
RT. STA. 596+00.00	904.1	1 TO STA. 596+36.90	
RT. STA. 607+00.00		1 TO STA. 606+64.00	
RT. STA. 612+51.00	551.0		1 TO STA. 612+63.00
RT. STA. 642+30.58			1 TO STA. 642+18.58
RT. STA. 652+00.00	969.4	1 TO STA. 652+36.9	
TOTAL	5,550	9	8

CONCRETE THRUST BLOCKS (SPECIAL)

LOCATION	EACH
LT. STA. 641+33.80	1
TOTAL	1

CONCRETE COLLARS

LOCATION	CLASS SI CONCRETE	*REINFORCEMENT BARS, EPOXY COATED	*EXPANSION BOLTS 3/4"
	CU. YD.	POUND	EACH
LT. STA. 613+37.60	0.27	21.0	8
LT. STA. 618+84.60	0.27	21.0	8
LT. STA. 641+33.80 (SEE DETAIL)	0.55	42.0	16
RT. STA. 613+37.60	0.27	21.0	8
RT. STA. 618+84.60	0.27	21.0	8
RT. STA. 641+33.80	0.27	21.0	8
TOTAL	1.9	147	56

*SEE STRUCTURE PLANS FOR ADDITIONAL QUANTITY
CLASS SI CONCRETE WILL BE PAID FOR AS CONCRETE COLLAR

SEDIMENT BASIN

LOCATION	EACH
BEGIN RT. STA. 572+65	1
(SEE COMMITMENTS)	
TOTAL	1

TEMPORARY SOIL RETENTION SYSTEM

LOCATION	SO. FT.
STA. 539+54.90	524
STA. 586+00.00	810
STA. 601+79.18	1042
TOTAL	2,376

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

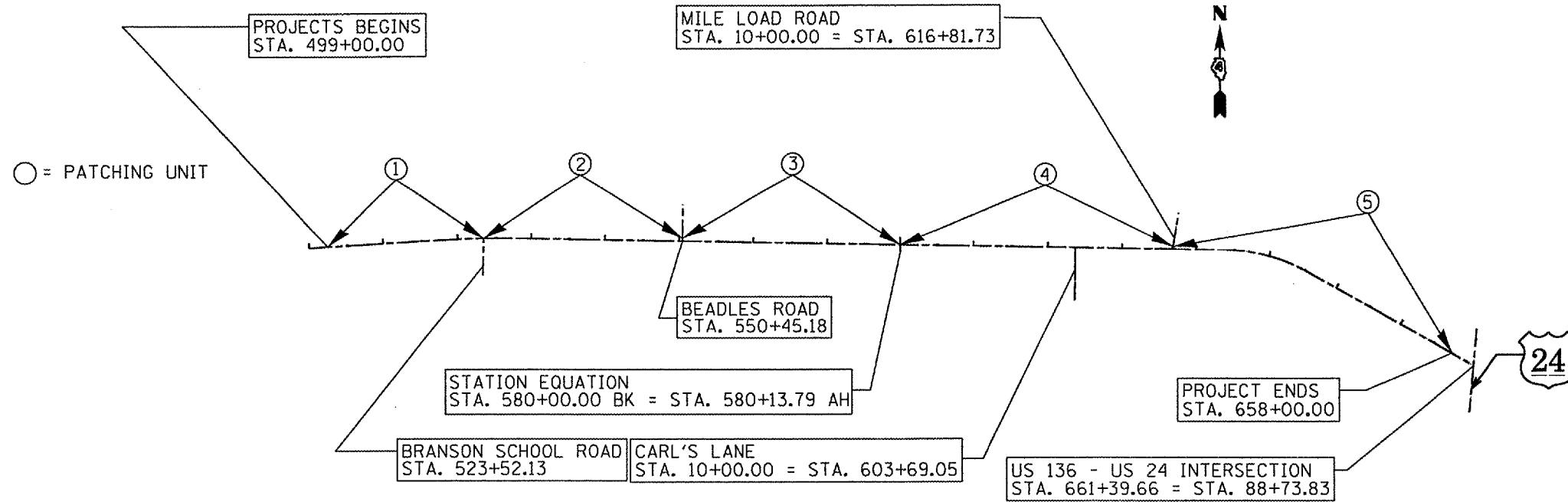
SCHEDULE OF QUANTITIES

SCALE: VERT. NONE
HORIZ. DATE 03/02/2007

DRAWN BY CEM
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315			324	26
STA.		TO STA.		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

*109W-1,RS-2110W,RS-1



PAVEMENT PATCHING

Location	Patch Unit	Class D Type II - 12"		Class D Type III - 12"		Class D Type IV - 12"	
		No. Of Patches	SQ Ft	No. Of Patches	SQ Ft	No. Of Patches	SQ Ft
Eastbound Lane							
STA. 499+00.00 TO STA. 523+52.13	1	12	118.48	1	21.67	6	288.89
STA. 523+52.13 TO STA. 550+45.18	2	4	46.22	2	39.00	2	57.78
STA. 550+45.18 TO STA. 580+00.00	3	17	170.49	4	73.66	5	184.89
STA. 580+00.00 TO STA. 616+81.73	4	24	242.67	1	17.33	6	173.34
STA. 616+81.73 TO STA. 658+00.00	5	28	268.74	2	34.66	5	187.77
Westbound Lane							
STA. 499+00.00 TO STA. 523+52.13	1	10	104.02	0		3	101.11
STA. 523+52.13 TO STA. 550+45.18	2	5	60.66	2	34.66	1	28.89
STA. 550+45.18 TO STA. 580+00.00	3	21	234.04	2	39.00	0	
STA. 580+00.00 TO STA. 616+81.73	4	23	222.46	1	17.33	1	28.89
STA. 616+81.73 TO STA. 658+00.00	5	13	125.71	1	17.33	2	72.22
Total		157	1593	16	295	31	1124
Winter Breakup - Add 10%			159		29		112
Grand Total			1752		324		1236

PLOT DATE = 5/13/2007
 PLOT NAME = IBB1861 / IN.
 PLOT SCALE = IBB1861 / IN.
 USER NAME = mshardce

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES
PAVEMENT PATCHING**

SCALE: VERT. NONE
HORIZ. DATE 07/13/2007

DRAWN BY CEM
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315			324	27
STA.	TO STA.			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1

TABULATION OF RESURFACING QUANTITIES

LOCATION	LENGTH FT	TOTAL ROADWAY WIDTH FT	AREA SQ YD	STRIP REFLECTIVE CRACK CONTROL FT	HMA SURFACE REMOVAL BUTT JOINT SQ YD	TEMPORARY RAMP SQ YD	HMA SURFACE REMOVAL 1 1/2" SQ YD	BITUMINOUS MATERIALS PRIME COAT TON	AGGREGATE MATERIALS PRIME COAT TON	POLYMERIZED LEVELING BINDER (MM) 3/4" TON	HMA SURF CSE MIX D 1 1/2" TON	INCIDENTAL HMA SURFACING 2 1/2" TON	AGGREGATE SHOULDERS TYPE B			
													LEFT VOL. CU YD	LEFT SIDE TON	RIGHT VOL. CU YD	RIGHT SIDE TON
US 136 ROADWAY																
502+20.00 TO 518+00.00	1580.00	26.00	4564.44		86.67	28.80	4477.78	2.38	13.69	191.71	383.41		45.36	93.00	45.24	92.75
518+00.00 TO 533+33.85	1533.85	26.00	4431.12				4431.12	2.30	13.29	186.11	372.21		39.00	79.94	37.98	77.85
533+33.85 TO 538+35.40	501.55	VAR	1794.27	986.48			1794.27	0.94	5.39	75.36	150.72		15.05	30.85	0.41	0.84
538+35.40 TO 552+00.00	1364.60	VAR	4226.04	600.00			4226.04	2.20	12.68	177.49	354.99		36.38	74.57	36.25	74.32
552+00.00 TO 565+00.00	1300.00	26.00	3755.56				3755.56	1.95	11.27	157.73	315.47		36.48	74.78	36.48	74.78
565+00.00 TO 578+55.00	1355.00	26.00	3914.44				3914.44	2.04	11.74	164.41	328.81		35.61	73.00	33.99	69.68
578+55.00 TO 586+83.95	828.95	VAR	2714.34	958.80			2714.34	1.42	8.14	114.00	228.00		11.07	22.70	9.90	20.30
586+83.95 TO 597+00.00	1016.05	VAR	3570.54	2032.10			3570.54	1.86	10.71	149.96	299.93		1.89	3.88	1.89	3.88
597+00.00 TO 605+50.00	850.00	VAR	2555.11				2555.11	1.33	7.67	107.31	214.63		22.98	47.11	22.98	47.11
605+50.00 TO 612+63.00	713.00	VAR	2459.11	1426.00			2459.11	1.28	7.38	103.28	206.56		3.42	7.01	3.42	7.01
612+63.00 TO 622+00.00	937.00	26.00	2706.89				2706.89	1.40	8.12	113.69	227.38		19.59	40.16	28.11	57.63
622+00.00 TO 632+00.00	1000.00	26.00	2888.89				2888.89	1.51	8.67	121.33	242.67		27.82	56.33	27.82	56.33
632+00.00 TO 642+18.58	1018.58	26.00	2942.56				2942.56	1.53	8.83	123.59	247.18		28.04	57.48	28.04	57.48
642+18.58 TO 658+30.00	1611.42	VAR	5129.79	1736.82	86.67	28.80	5043.12	2.67	15.39	215.45	430.90		32.22	66.05	15.27	31.31
MAILBOX TURNOUTS																
502+29.60RT TO 503+01.60RT	72.00	VAR	40.89				40.89	0.02	0.12	1.72	3.43				2.24	4.58
550+12.00RT TO 550+84.00RT	72.00	VAR	40.89				40.89	0.02	0.12	1.72	3.43				2.24	4.58
	39.90															
SIDERoads																
BRANSON SCHOOL ROAD	VAR	VAR	175.17		26.70	13.30	175.17	0.07	0.35			24.52	2.63	5.40	2.63	5.40
BEALES ROAD	VAR	VAR	54.14		28.90	14.40	54.14	0.02	0.11			7.58	3.08	6.31	3.08	6.31
CARLS LANE	VAR	VAR	1754.88					0.39	0.39			27.30	4.63	9.49	4.63	9.49
MILE LOAD ROAD	VAR	VAR	134.82				134.82	0.07	0.40	5.66	11.32		4.27	8.76	5.82	11.95
GRAND-TOTAL																
			49,854	7,740	229	85	47,926	25.4	144.5	2,011	4,021	59	370	757	348	714
													TOTAL	718	1470	

SURFACE TYPE	BIT PR COAT (GAL/SQ YD)	AGG PR COAT (LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES (FOG COAT)	0.03	2

SURFACE TYPE	CONVERSION FACTOR
BIT. SURF. COURSES	112 LB /SQ YD/IN
ALL OTHER BIT.	112 LB /SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

LOCATION	EACH
RT STA. 641+80.00	1
RT STA. 651+80.00	1
TOTAL	2

LOCATION	TON
STA. 502+20.00 TO STA. 658+30.00	4021
TOTAL	4,021

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES RESURFACING
 SCALE: VERT. NONE
 HORIZ. DATE 02/07/2007
 DRAWN BY CEM
 CHECKED BY CEM

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
315			324 28
STA.	TO STA.		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT	

*109W-1,RS-2(110W,RS-1

CULVERT QUANTITIES

LOCATION	CONCRETE HEADWALL REMOVAL	CONCRETE HEADWALL REMOVAL	BOX CULVERT REMOVAL	PIPE CULVERT REMOVAL	TYPE 1 FRAME AND CLOSED LID	TRENCH BACKFILL	2 FT. X 2 FT.		3 FT. X 2 FT.		48 INCH			30 INCH			24 INCH			18 INCH						
							PRECAST BOX CULVERT	END SECTION	PRECAST BOX CULVERT	END SECTION	PIPE CULVERT TYPE 4 RCCP	PIPE CULVERT CL A (JACKED)	PRC FLARED END SECTION	PIPE CULVERT TYPE 3 RCCP	PIPE CULVERT TYPE 2 RCCP	PRC FLARED END SECTION	PIPE CULVERT TYPE 1 RCCP	PRC FLARED END SECTION	PIPE CULVERT CLASS D TYPE 1	END SECTIONS	PIPE CULVERT TYPE 1 RCCP	PRC FLARED END SECTION	PIPE CULVERT CLASS D TYPE 1	END SECTION		
STATION	CU. YD.	EACH	FOOT	FOOT	EACH	CU. YD.	FOOT	EACH	FOOT	EACH	FOOT	FOOT	EACH	FOOT	FOOT	EACH	FOOT	EACH	FOOT	EACH	FOOT	EACH	FOOT	EACH		
STA. 502+75 LT.		2		26.5																				33.0	2	
STA. 503+70.00	1.93																								31.0	2
STA. 507+47 RT.		2		33.0																						
STA. 509+50.00	1.93																									
STA. 509+57.02			43.5			58.0									60.0	2										
STA. 515+15		2		41.5		17.8												55.0	2							
STA. 523+50 LT.		2		18.0														60.0	1						51.0	2
STA. 523+50 RT.		2		31.5		15.8													1							
STA. 525+40		2		41.5		16.2												55.0	2							
STA. 529+25 RT.		2		21.0																						
STA. 530+17 LT.		2		30.0																					49.0	2
STA. 532+50						14.7																	52.0	2		
STA. 538+92.65 LT.																						42.0	2			
STA. 547+35		2		41.5		14.5												55.0	2							
STA. 550+45		2		17.5		7.6												37.0	2							
STA. 556+90 LT.		2		18.0																						
STA. 557+48 RT.		2		18.0																					50.0	2
STA. 569+70 RT.		2		23.0																					39.0	2
STA. 571+17 RT.		2		23.0																					29.0	2
STA. 572+59.40		2	37.4			13.8			54.0	2																
STA. 573+29 LT.		2		32.0																						
STA. 585+00.00 RT.	2.98																									
STA. 586+00.00 LT.																										
STA. 586+00.00 RT.					1							32.0	92.0	1												
STA. 586+17.25 RT.																										
STA. 597+60 LT.		2		16.0																			50.0	2		
STA. 597+60 RT.																							41.0	2		
STA. 613+37.60 LT.							16.7	1																		
STA. 613+37.60 RT.							21.4	1																		
STA. 618+84.60 LT.							15.6	1																		
STA. 618+84.60 RT.							20.8	1																		
STA. 621+59 LT.																									53.0	2
STA. 627+05.00	2.31															61.0	2									
STA. 630+86 RT.		2		37.0																						
STA. 633+28 RT.		2		19.5																					56.0	2
STA. 641+33.83 LT.							31.0	1																		
STA. 641+33.83 RT.	0.64		5.0				4.0	1																		
STA. 654+13 RT.		2		18.0																						
STA. 655+00 RT.		2		18.0																						
STA. 539+54.90 RT				20.0																						
CARLS LANE																										
STA. 9+38.54						88.3								80.0		2										
	10	42	86	545	1	247	109	6	54	2	32	92	2	80	121	6	300	10	189	8	52	2	335	16		

MANHOLES, TYPE A SPECIAL 8' DIA.

LOCATION	FOOT
47.9' RT. STA. 586+00.00	23.9
TOTAL	23.9

FILLING EXISTING CULVERTS

LOCATION	CU. YD.
STA. 503+70	7.64
STA. 584+50	62.22
STA. 627+05	29.34
TOTAL	99.2

CLEAN EXISTING CULVERTS

LOCATION	EACH
Sta. 613+37.60	1
TOTAL	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
CULVERTS

SCALE: VERT. NONE
HORIZ. DATE 02/08/2007
DRAWN BY CEM
CHECKED BY CEM

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULON	324	29
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1

LOCATION	EPOXY AND TEMPORARY PAINT PAVEMENT MARKING						SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	24 INCH LINE	4 INCH LINE						
	STOP BARS (WHITE)	LT EDGE OF PVT SOLID (WHITE)	RT EDGE OF PVT SOLID (WHITE)	CENTERLINE			1 APPLICATION	FINAL APPLICATION REMOVAL
STATION TO STATION	FOOT	FOOT	FOOT	LT SOLID (YELLOW)	SKIP - DASH (YELLOW)	RT SOLID (YELLOW)	FOOT	SQ. FT.
502+20 - 522+50		2030	2030		507.5		203	67.67
522+50 - 532+90		1040	1040		260	1040	104	34.67
532+90 - 542+70		980	980	980		980	98	32.67
542+70 - 550+15		745	745	745	186.25		74.5	24.83
550+15 - 552+40		225	225	225		225	22.5	7.50
552+40 - 565+50		1310	1310		327.5	1310	131	43.67
565+50 - 578+00		1250	1250	1250		1250	125	41.67
578+00 - 588+20		1006	1006	1006	250		102	34.00
588+20 - 602+75		1455	1455		363.75		145.5	48.50
602+75 - 612+75		1000	1000		250	1000	100	33.33
612+75 - 622+00		925	925	925		925	92.5	30.83
622+00 - 629+00		700	700		175	700	70	23.33
629+00 - 637+10		810	810	810		810	81	27.00
637+10 - 645+50		840	840	840	210		84	28.00
645+50 - 658+30		1280	1280		320		128	42.67
BRANSON SCHOOL RD	15							
BEADLES ROAD	12							
CARLS LANE	15							
MILE LOAD ROAD	20							
SUBTOTALS	62	15,596	15,596	6,781	2,850	8,240	1,561	520
TOTAL 4 INCH YELLOW				17,871				
TOTAL 4 INCH WHITE		31,192						
X 3 APPLICATIONS							X 3	
TOTALS	62			49,063			4,683	520

RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION	EACH
STA. 502+50 TO STA. 658+00	195
TOTAL	195

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
STA. 502+50 TO STA. 658+00	165
TOTAL	165

PLOT DATE = 5/13/2007
 FILE NAME = I:\Projects\109W-1\109W-1\109W-1\109W-1.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshaharjee

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

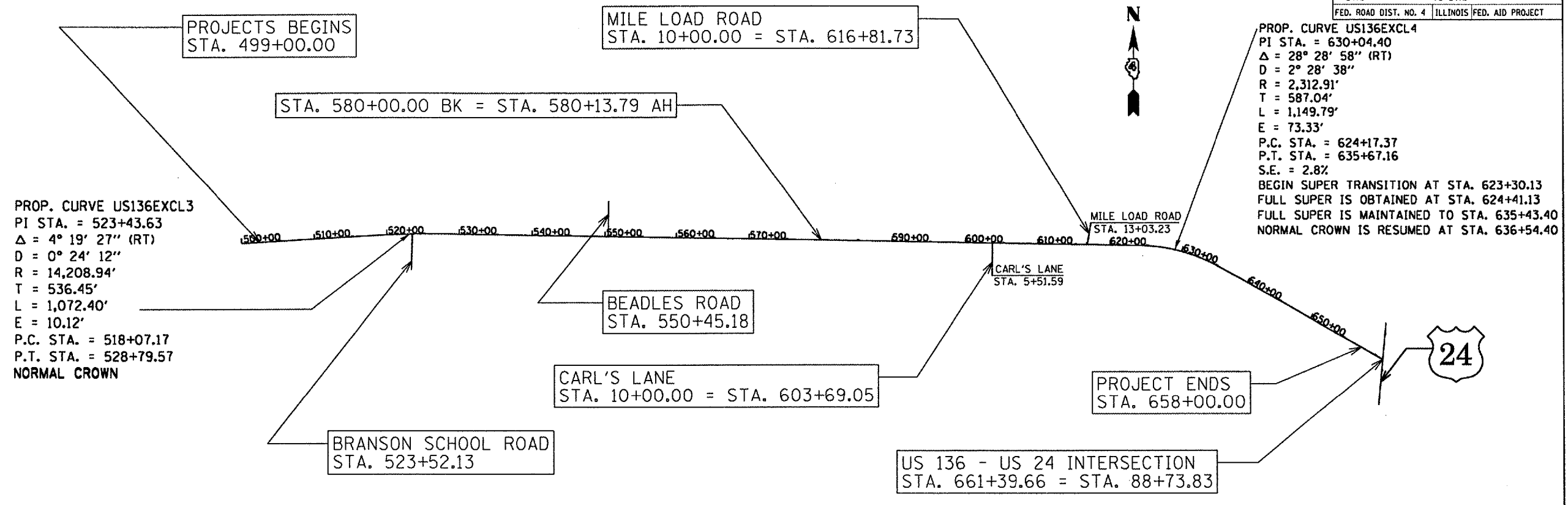
SCHEDULE OF QUANTITIES PAVEMENT MARKINGS

SCALE: VERT. NONE
 HORIZ. DATE 03/02/2007

DRAWN BY CEM
 CHECKED BY

*109W-1,RS-2;110W,RS-1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	31
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



Benchmarks

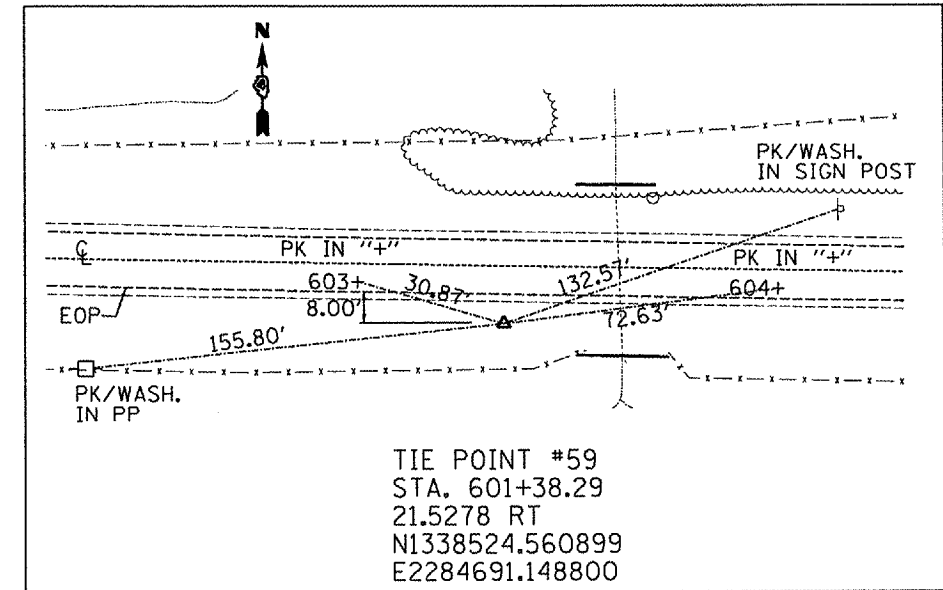
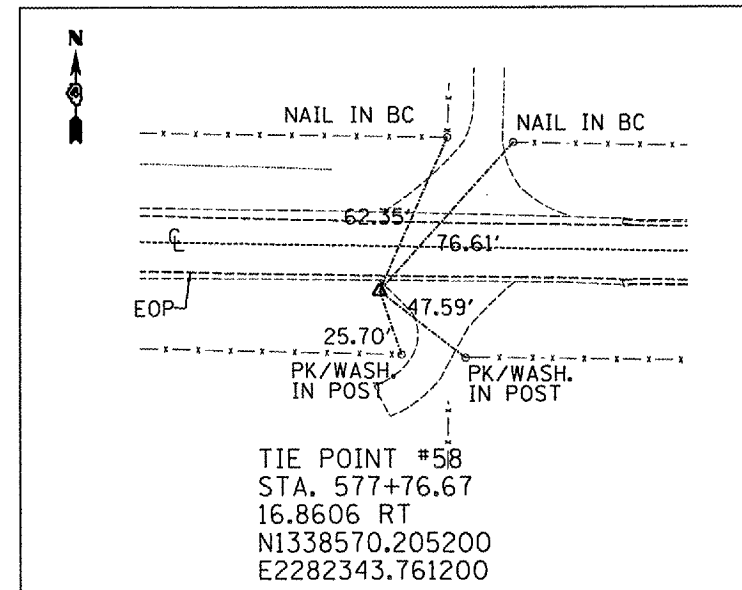
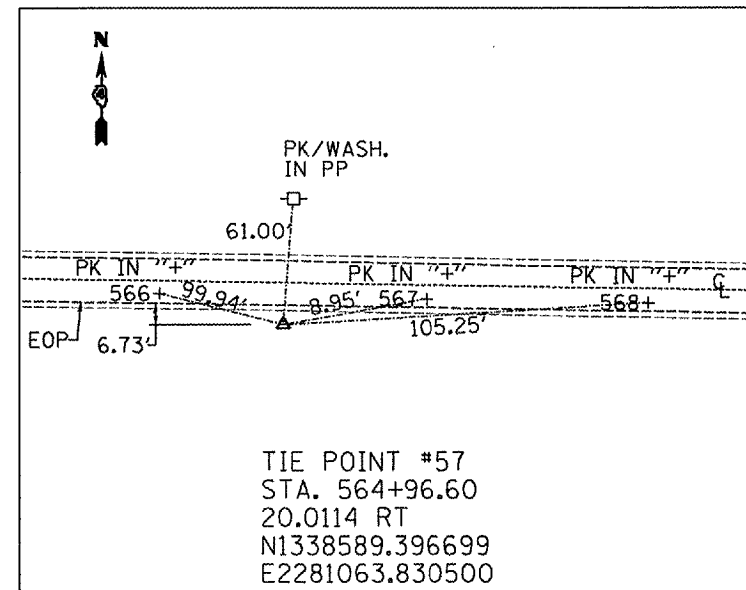
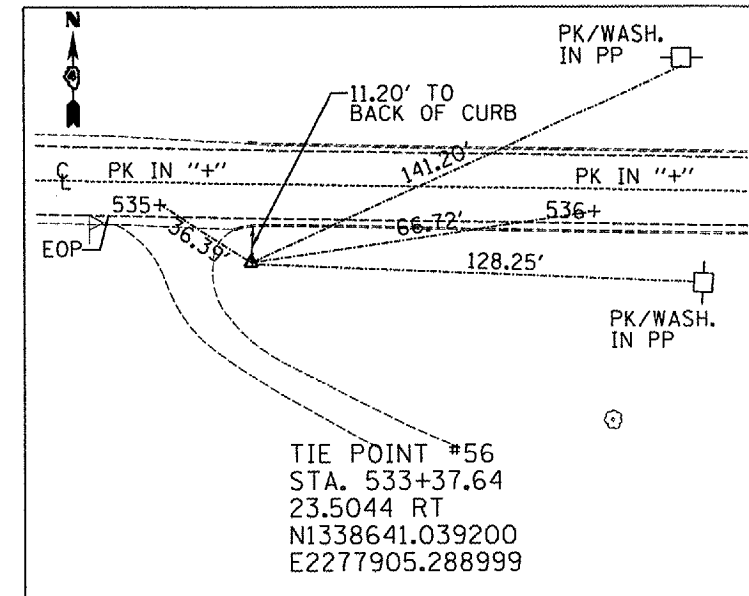
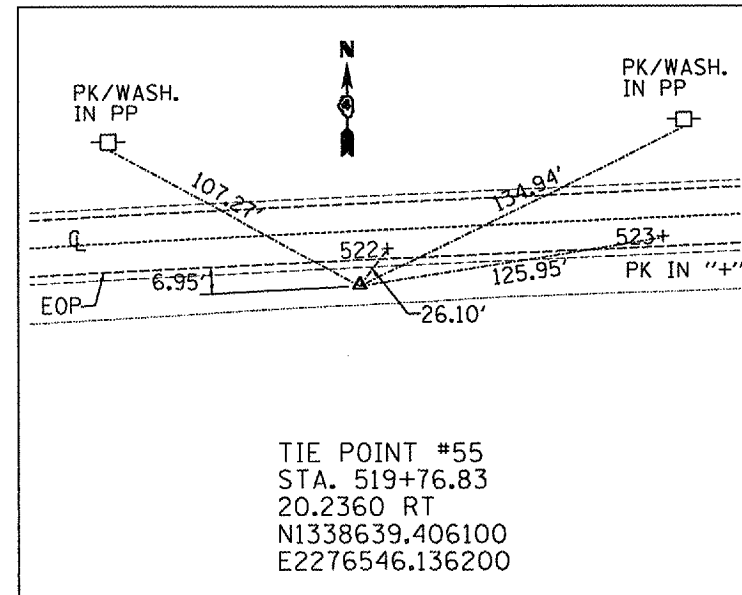
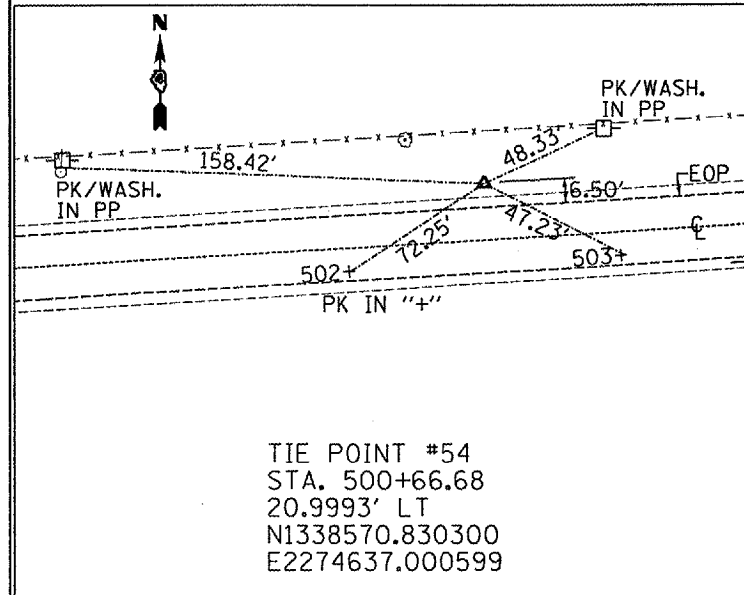
- | | |
|---|--|
| <p>BM Brass Disk 6" +/- below ground level west of TWP Hall Building, East side of Drive on East side of Bush. Elevation = 480.370</p> <p>TBM#1 Chiseled "square" on west end of (south headwall) Rt. of Sta. 643+25 +/- Elevation = 548.86</p> <p>TBM#2 Chiseled "square" on east end of (south headwall) Rt. of Sta. 626+13 +/- Elevation = 569.01</p> <p>TBM#3 Chiseled "square" on east end of (south headwall) Rt. of Sta. 603+89 +/- Elevation = 469.03</p> <p>TBM#4 APEX of ROW Marker Lt. of (question mark) Sta. 507+05 +/- Elevation = 552.18</p> | <p>TBM#5 Chiseled "square" on south end of east headwall Lt. of Sta. 575+47 +/- Elevation = 564.83</p> <p>TBM#6 Chiseled "square" on corner of east headwall Lt. of Sta. 552+50 +/- (NE quad of Route 136 & Beadles Rd) Elevation = 561.35</p> <p>TBM#7 Chiseled "U" on corner of east headwall Lt. of Sta. 525+62 +/- (N quad of Route 136 & Branson School Rd) Elevation = 585.68</p> <p>TBM#8 Chiseled "L" on east end of north headwall @ Sta. 511+62 +/- Elevation = 592.76</p> <p>TBM#9 APEX of ROW Marker N.W. quad of Route 136 & Summom Rd @ Sta. 473+75 +/- Elevation = 611.72</p> |
|---|--|

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>LINE DIAGRAM BENCHMARKS REFERENCE TIES</p> <p>DATE 02/14/06</p> <p>DRAWN BY CEM CHECKED BY</p>

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	32
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1

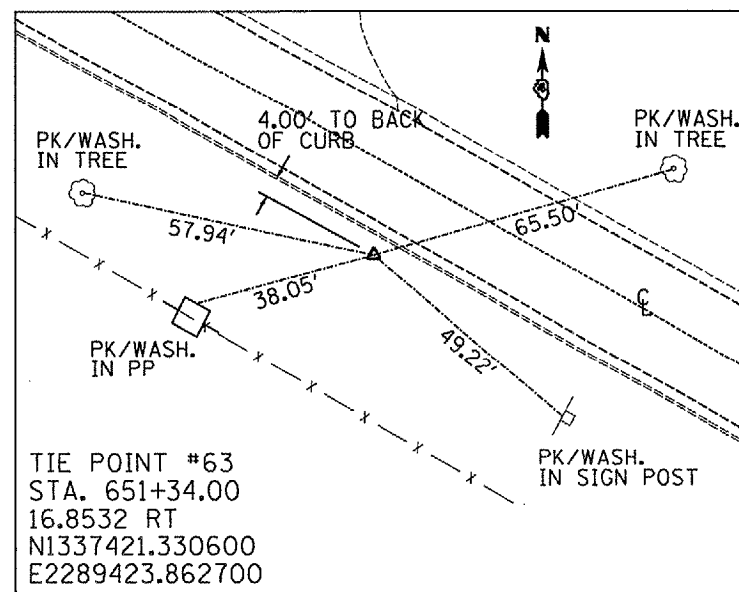
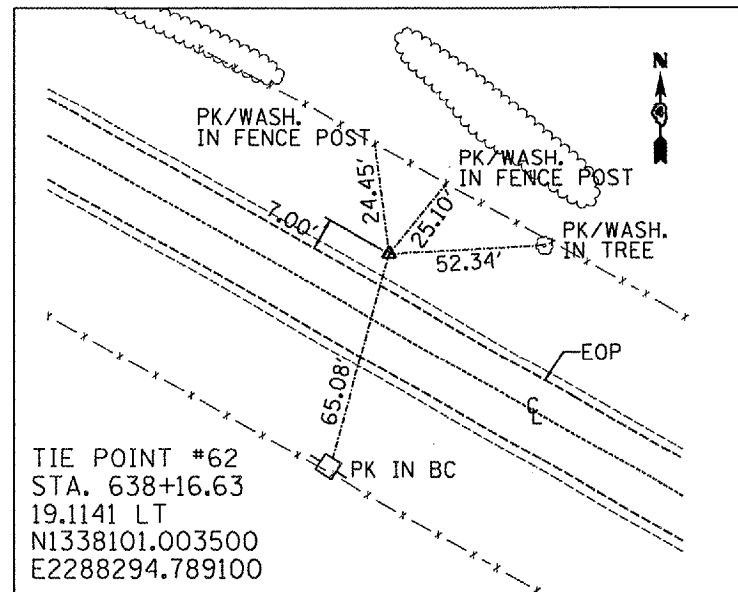
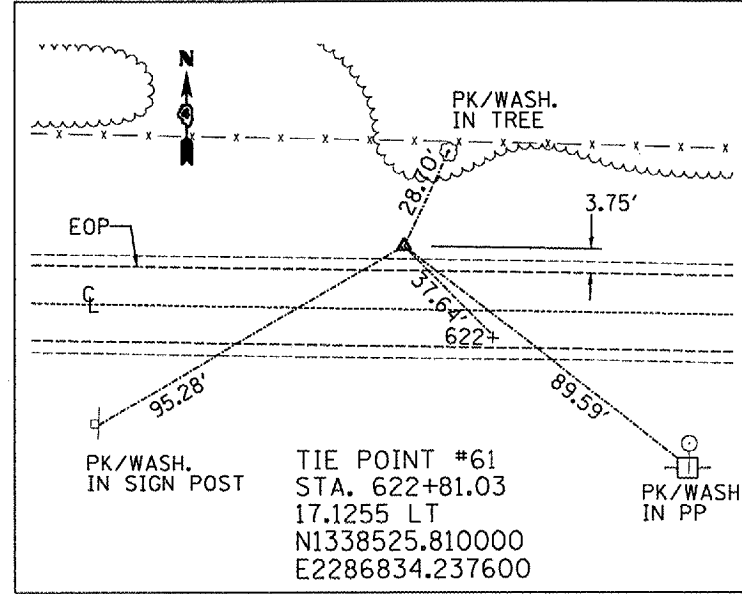
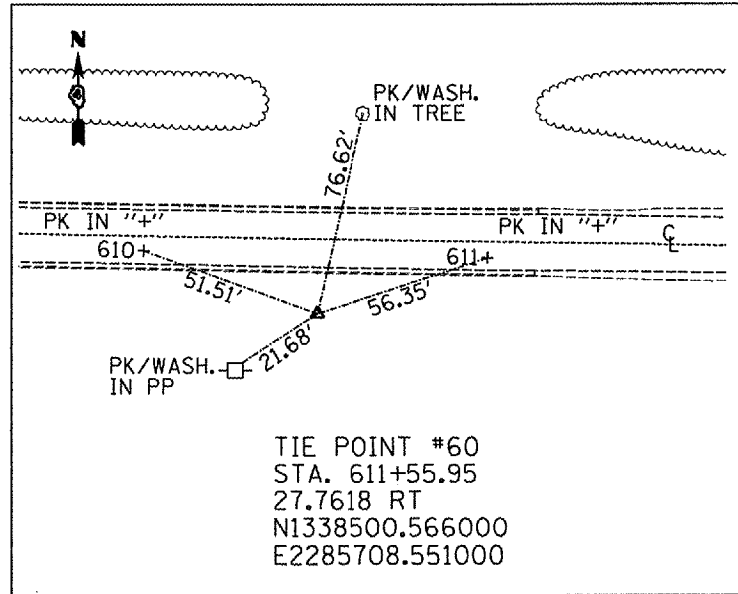


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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**LINE DIAGRAM
 BENCHMARKS
 REFERENCE TIES**
 DRAWN BY CEM
 CHECKED BY
 DATE 09/11/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	33
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2110W,RS-1				



c:/projects/ust136sum/ust136cover.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

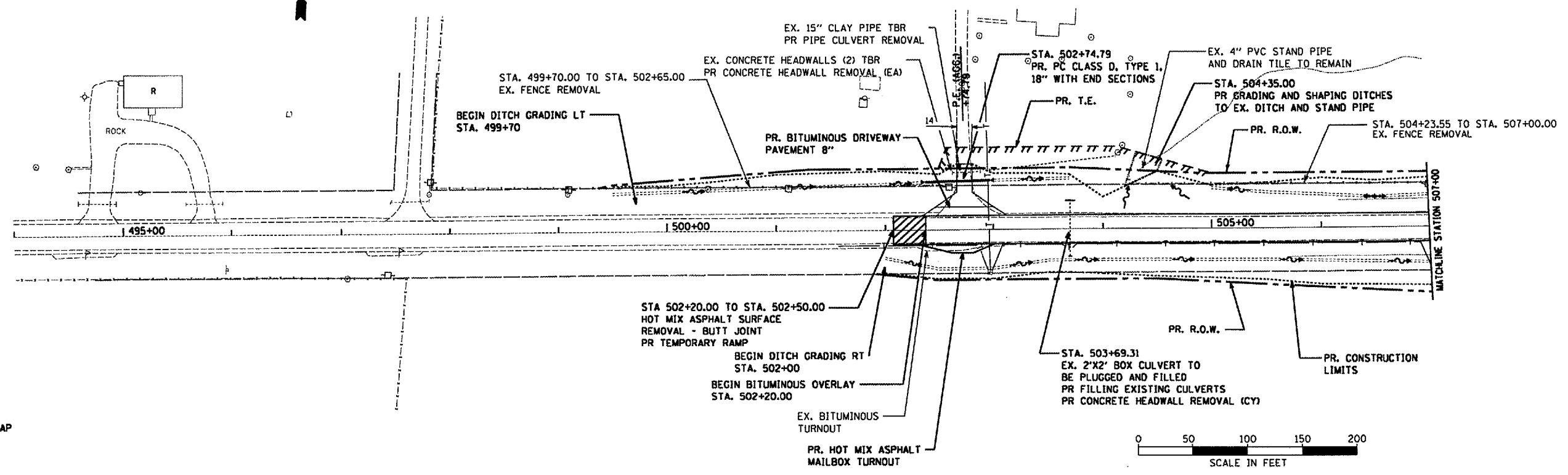
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 BENCHMARKS
 REFERENCE TIES**

DATE 09/11/2006

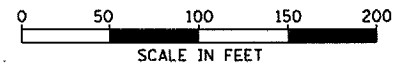
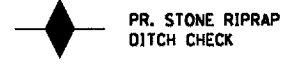
DRAWN BY CEM
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	34
STA. 494+00.00		TO STA. 507+00.00		
ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

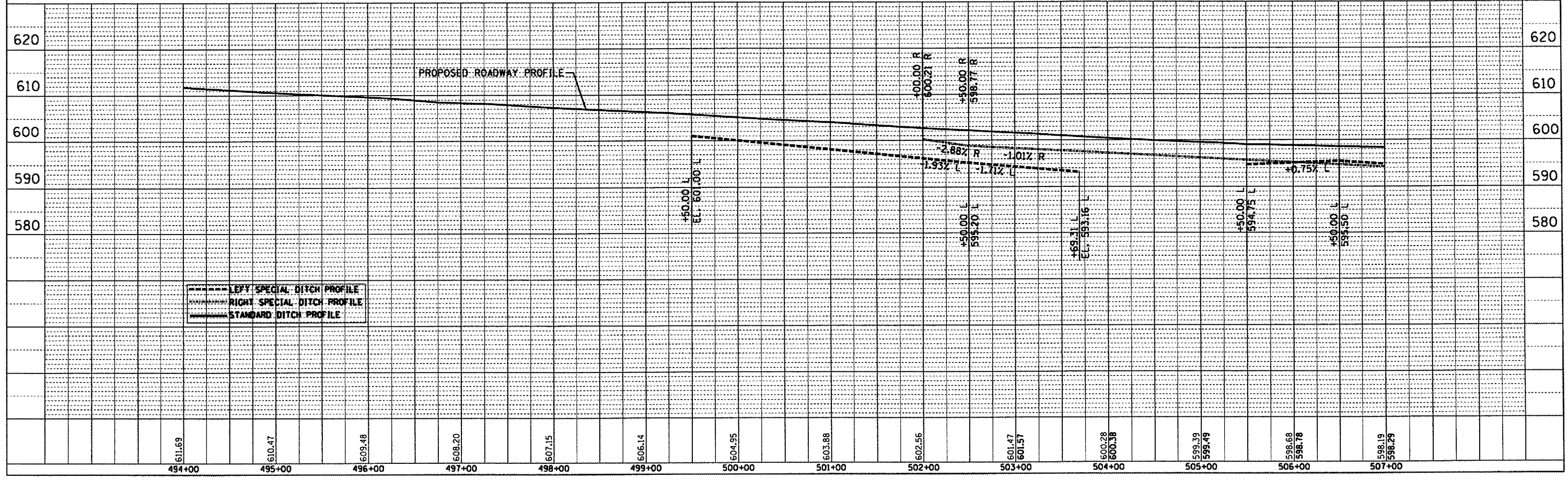
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PLAN	REVISION	DATE
NO. _____	BY _____	DATE _____
DATE _____	BY _____	DATE _____



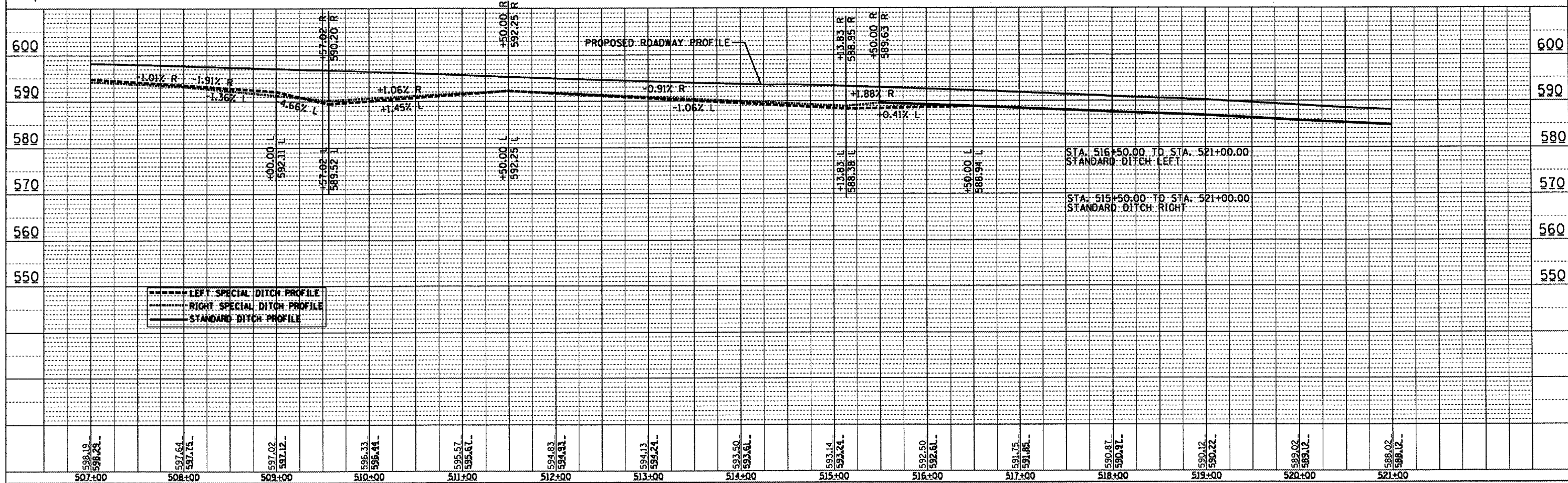
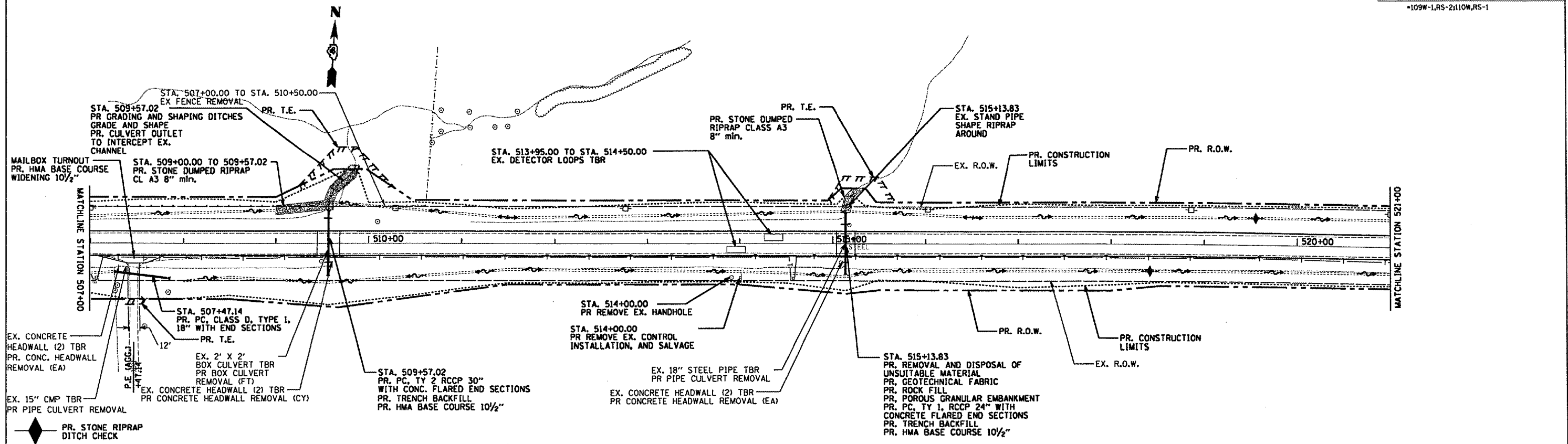
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NO. _____	BY _____	DATE _____
DATE _____	BY _____	DATE _____



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315		EULION	324	35
STA. 507±00.00		TO STA. 521±00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2,110W,RS-1				

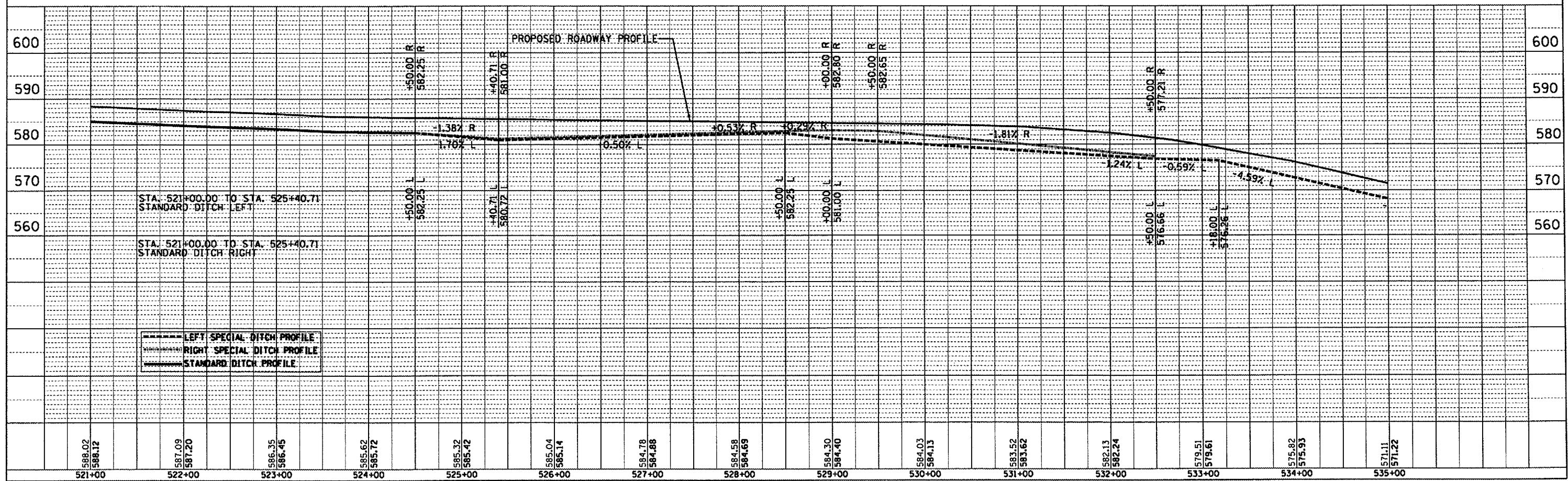
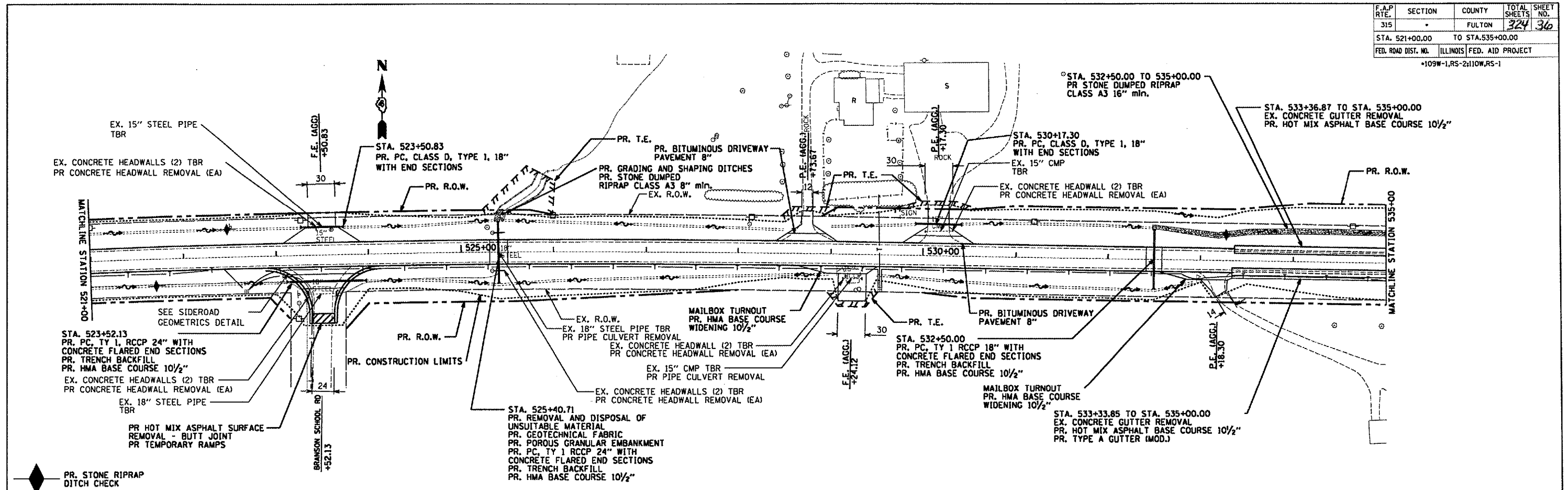
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REVISIONS	
NO.	DESCRIPTION
PLAN	
NO.	

DATE	BY
REVISIONS	
NO.	DESCRIPTION
PROFILE	
NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	36
STA. 521+00.00 TO STA. 535+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2(110W,RS-1				

DATE	
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REVISIONS	
PLANNING	CHECKED
DESIGN	CHECKED
CONSTRUCTION	CHECKED
NO. 1	

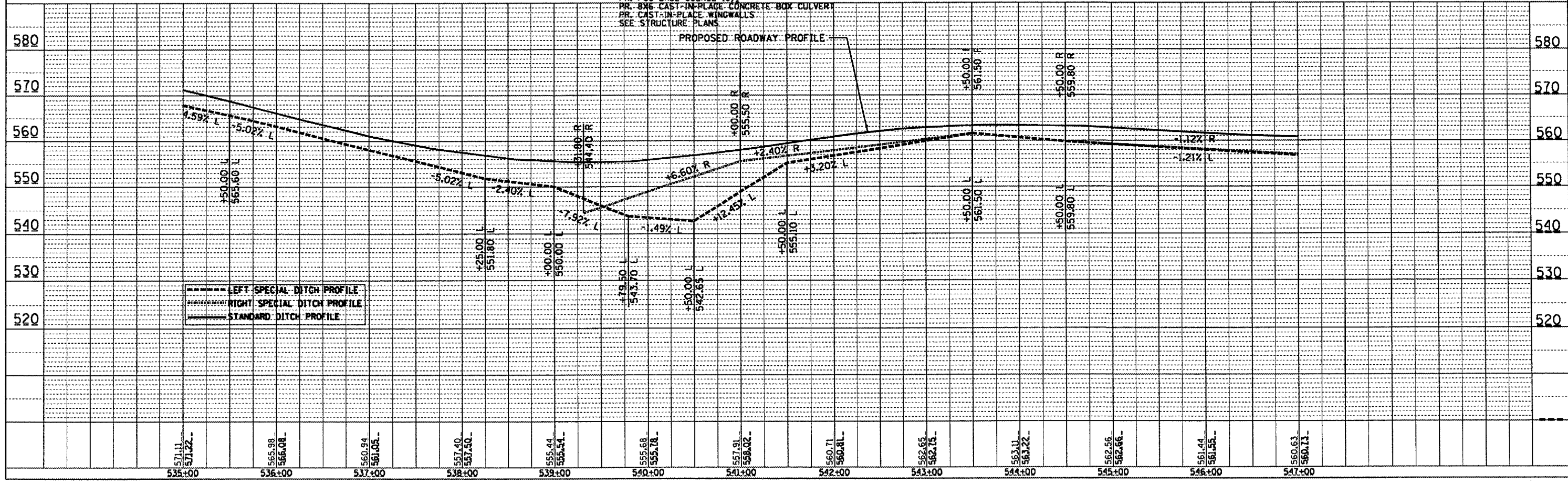
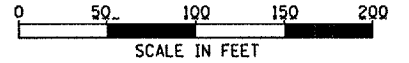
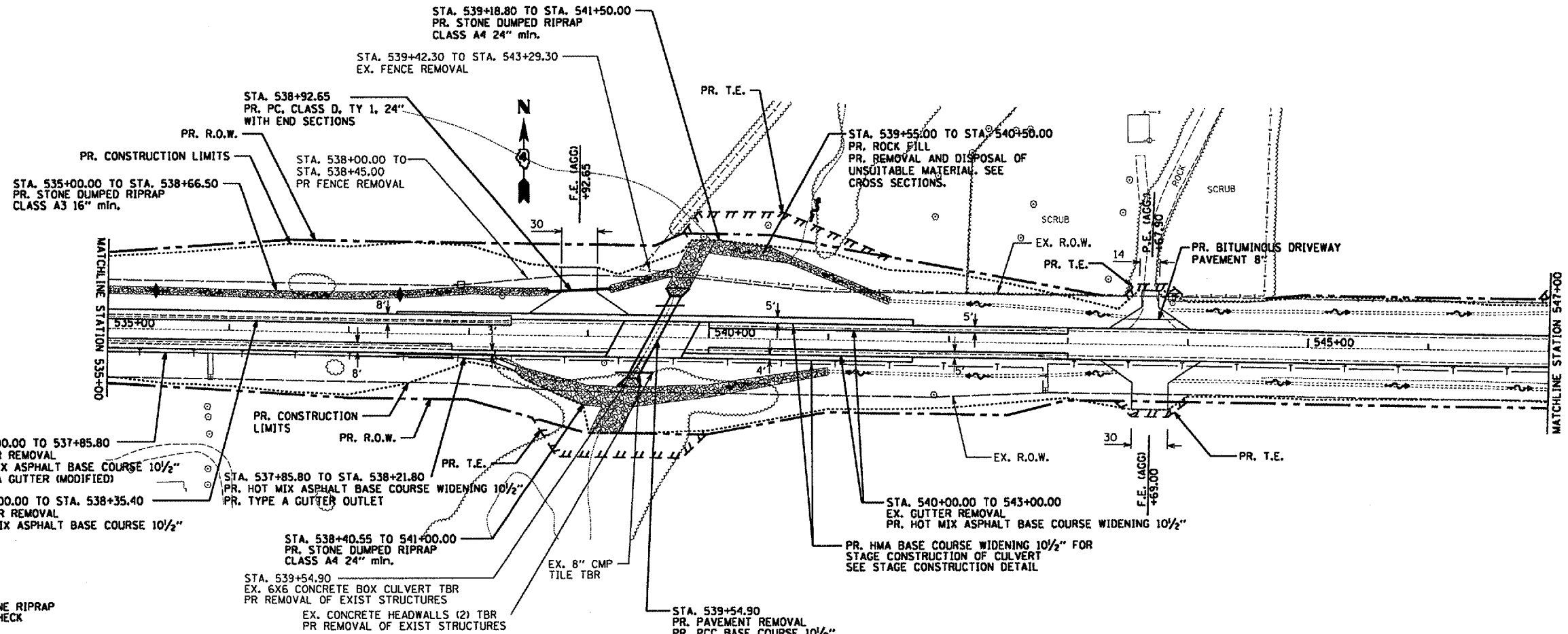


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BY	
REVISIONS	
PLANNING	CHECKED
DESIGN	CHECKED
CONSTRUCTION	CHECKED
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	37
STA. 535+00.00 TO STA. 547+00.00		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

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DESCRIPTION	
DATE	
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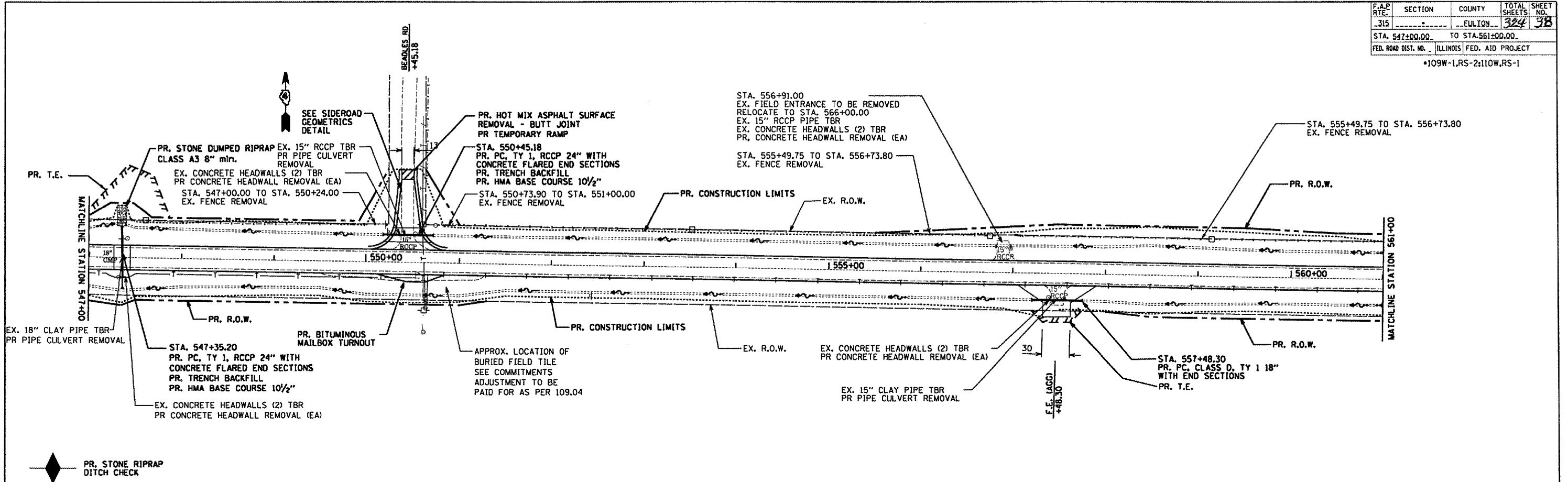
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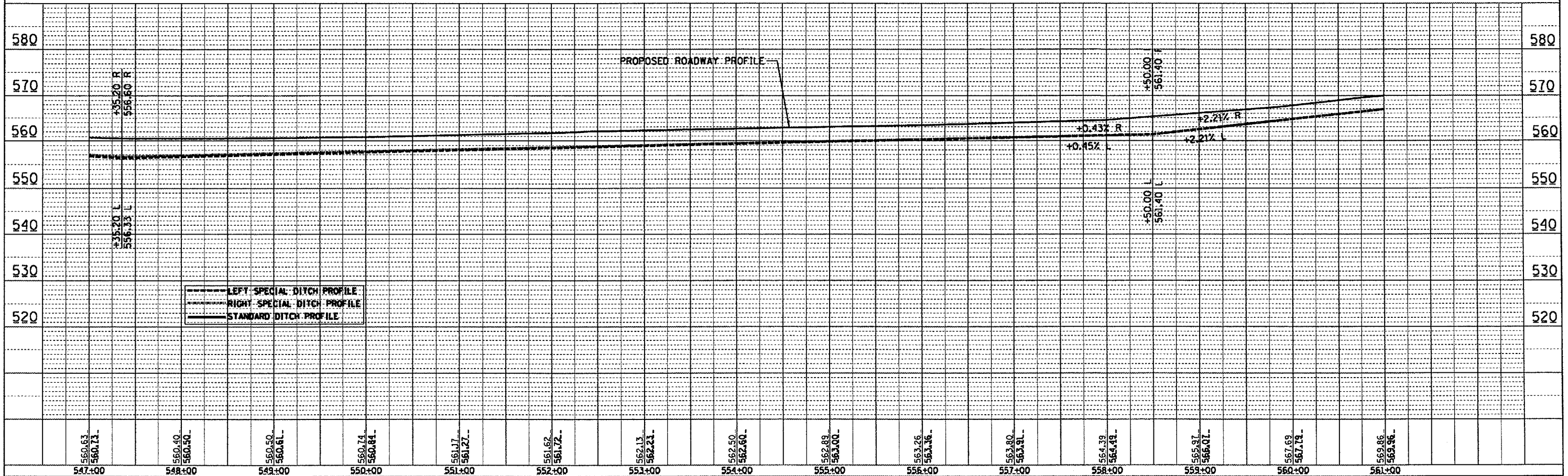
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EUILION	324	38
STA. 547+00.00 TO STA. 561+00.00.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

*109W-1,RS-2;110W,RS-1

DATE	BY	REVISION
		FOR REVIEW
		FOR CHECK
		FOR APPROVAL



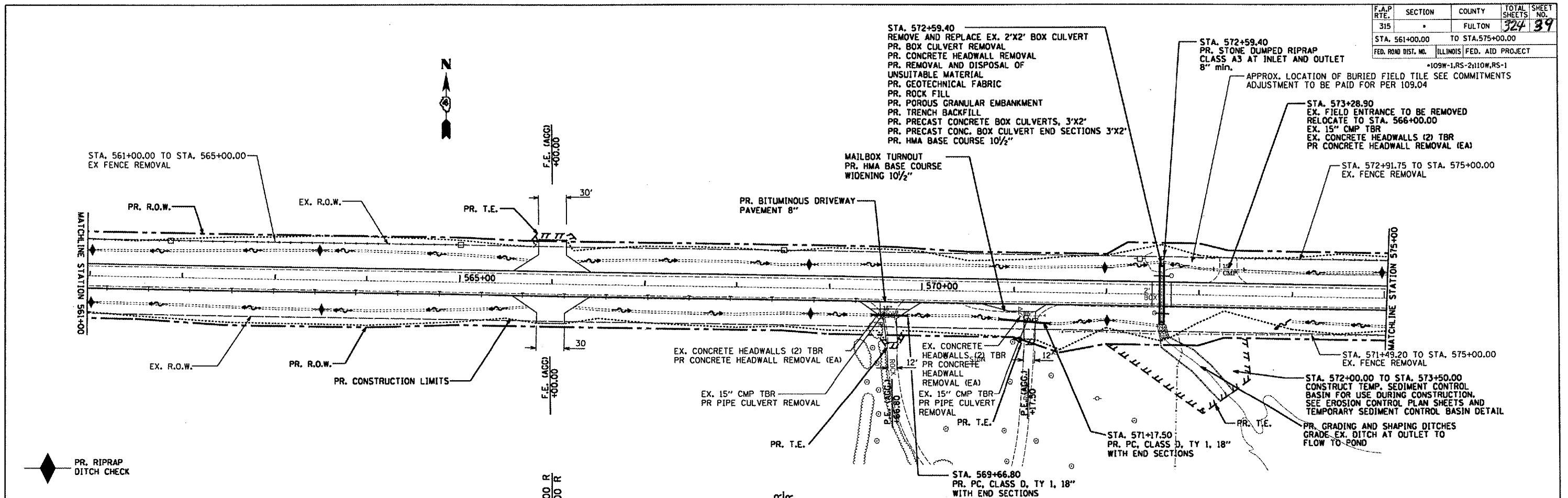
DATE	BY	REVISION
		FOR REVIEW
		FOR CHECK
		FOR APPROVAL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	39
STA. 561+00.00 TO STA. 575+00.00		ILLINOIS FED. AID PROJECT		
		*109W-1RS-2110W-RS-1		
		ADJUSTMENT TO BE PAID FOR PER 109.04		

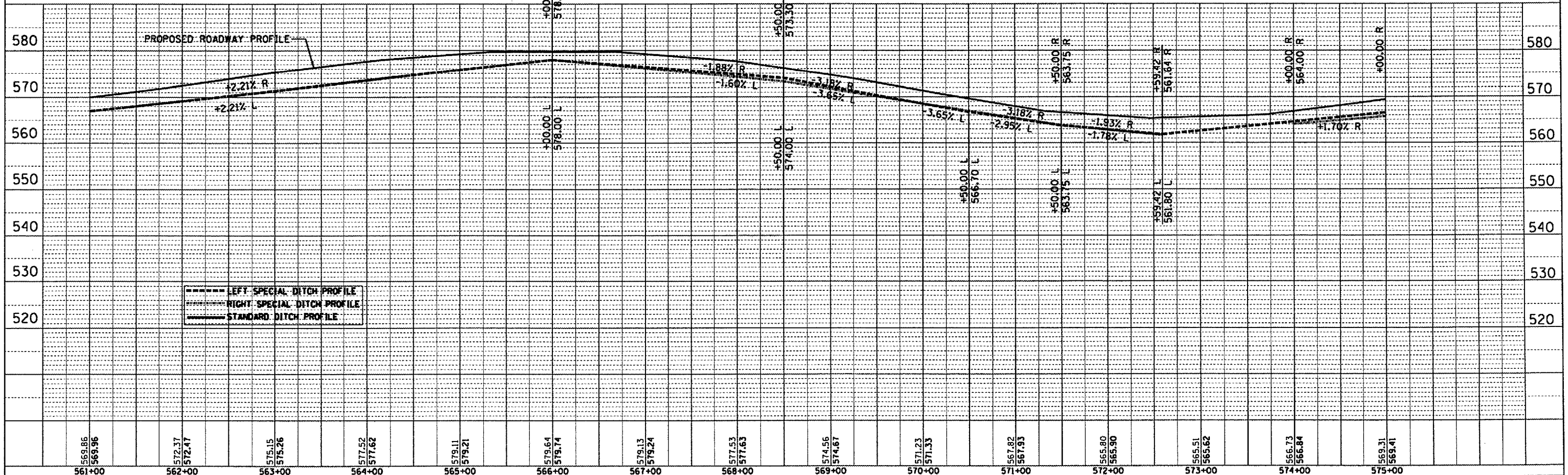
DATE	BY

PLAN
 SUBMITTED
 PLOTTED
 CHECKED
 NOTE BOOK NO. _____
 STRUCTURE NOTATION CHKD
 NO. _____
 DATE FILE NAME



DATE	BY

PROFILE
 SUBMITTED
 PLOTTED
 CHECKED
 NOTE BOOK NO. _____
 STRUCTURE NOTATION CHKD
 NO. _____
 DATE FILE NAME

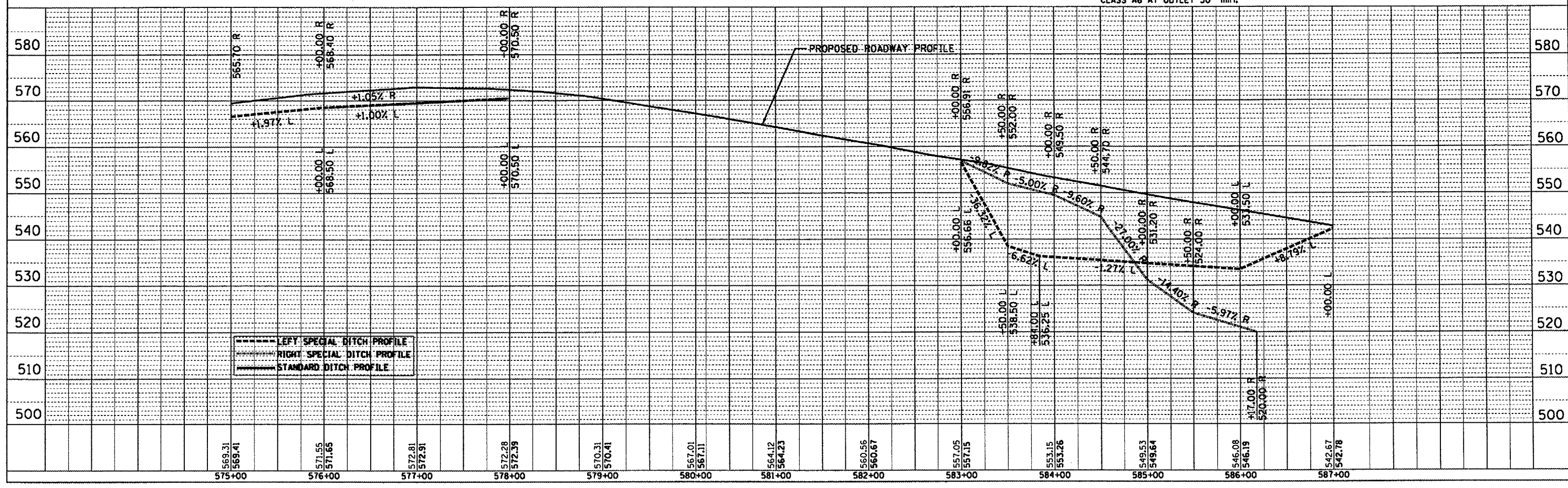
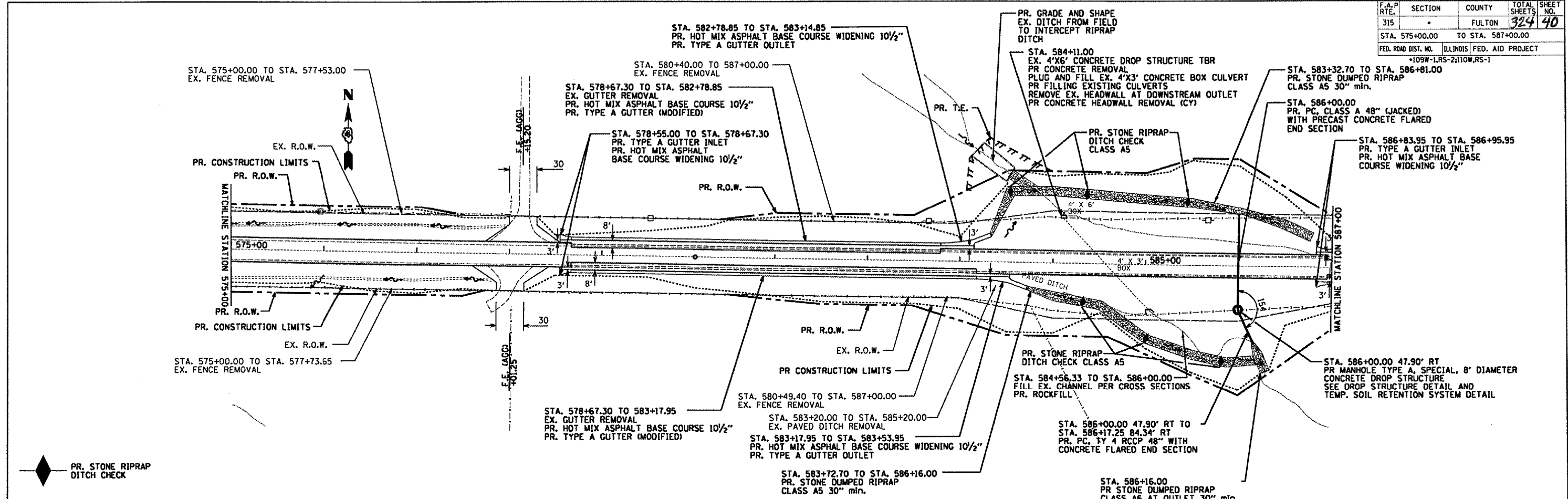


US136SUM/PP08.DGN

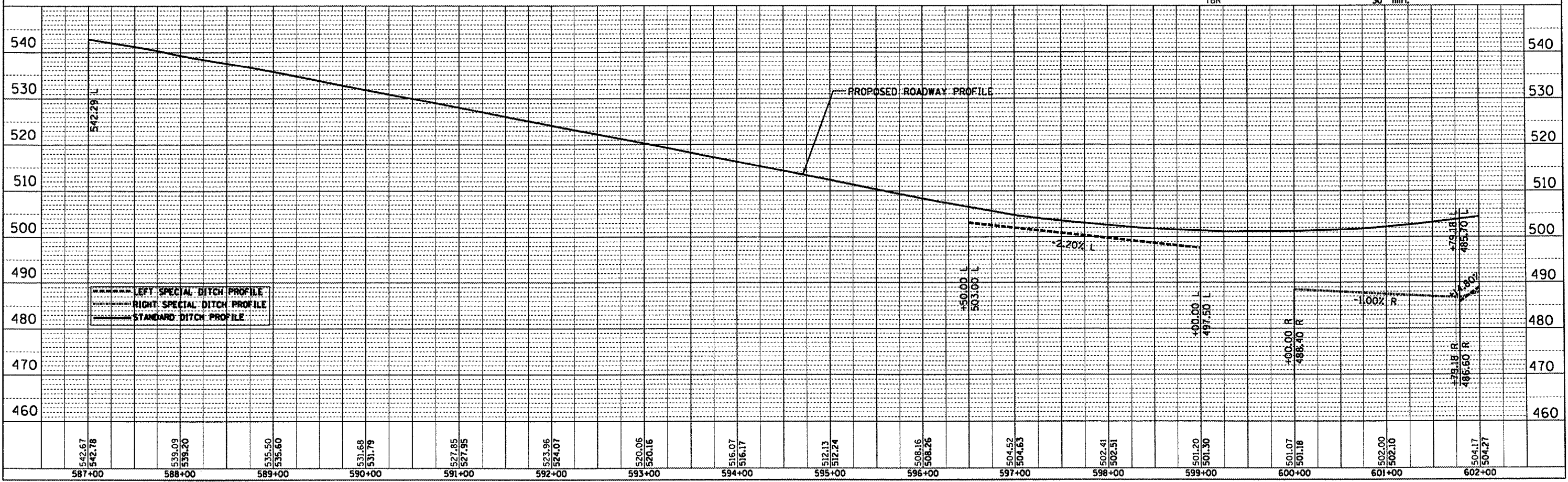
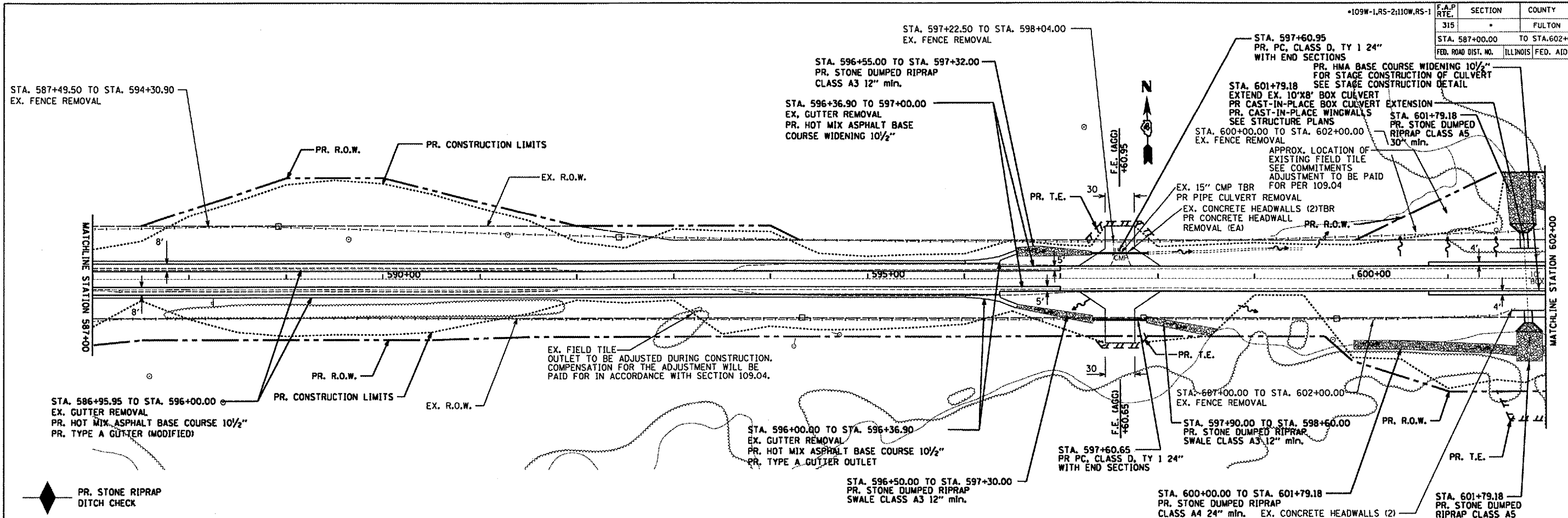
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315		FULTON	324	40
STA. 575+00.00		TO STA. 587+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

PLAN	DATE
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REVISIONS	
NO.	DESCRIPTION
1	ALIGNED
2	CHECKED
3	PLANNED
4	FILED
5	NO.

PROFILE	DATE
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REVISIONS	
NO.	DESCRIPTION
1	GRADES
2	STRUCTURE
3	NOTATION
4	CPAD



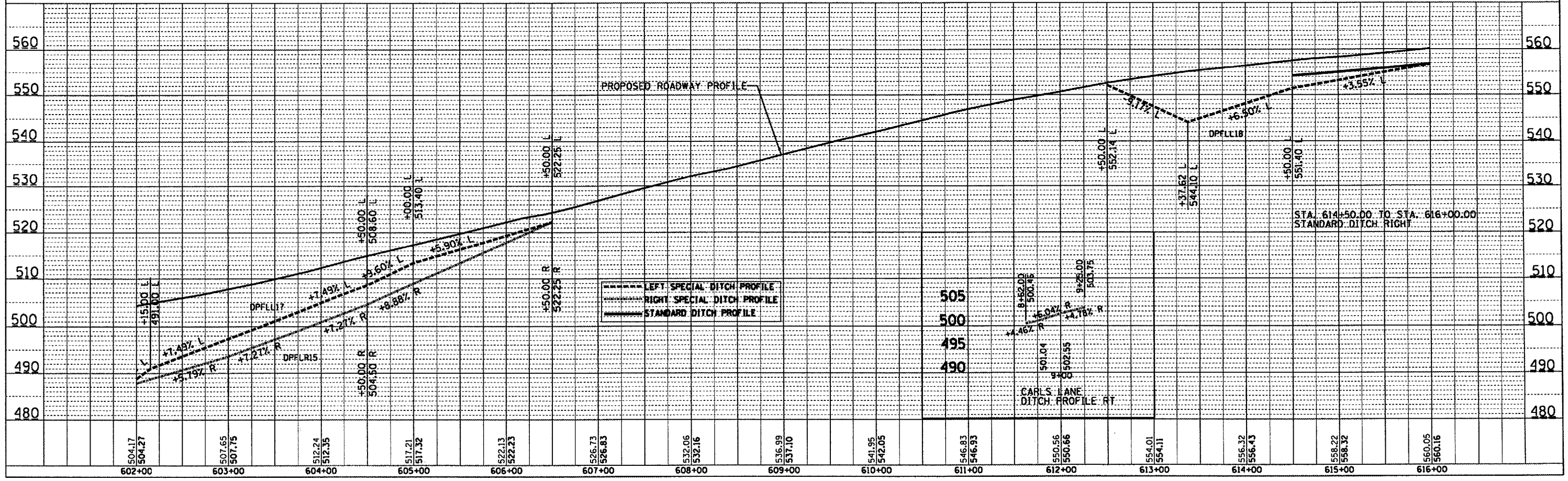
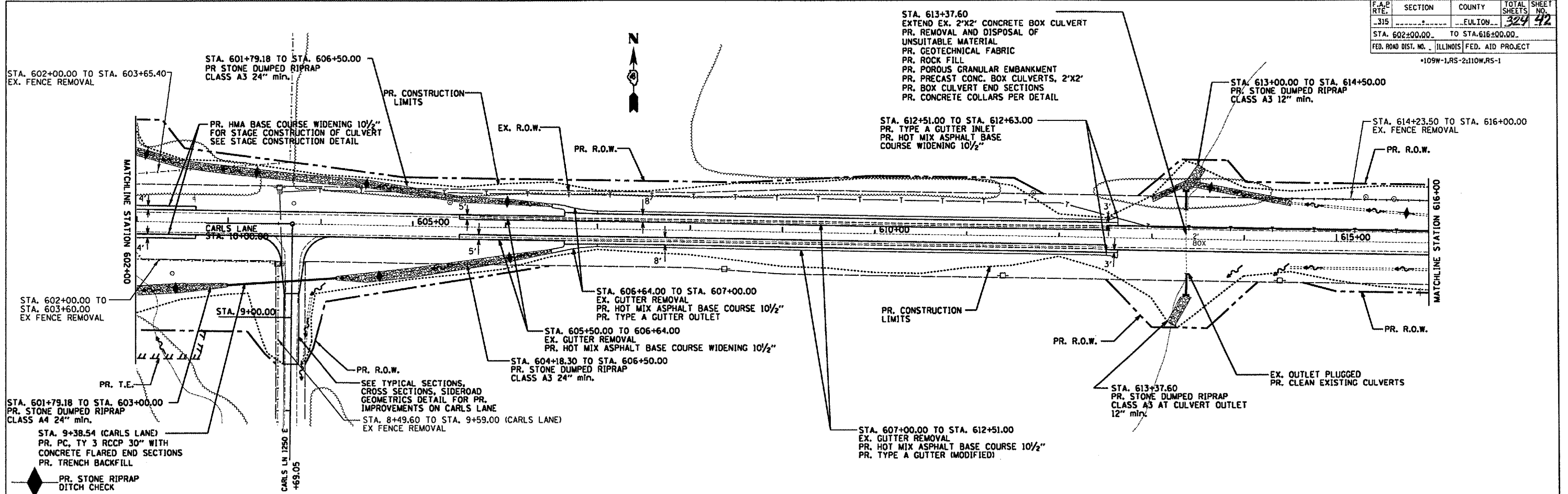
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	41
STA. 587+00.00 TO STA. 602+00.00		ILLINOIS FED. AID PROJECT		



PLAN	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	

PROFILE	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-315		EULIOW	324	42
STA. 602+00.00 TO STA. 616+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				



PLAN	REVISIONS	DATE
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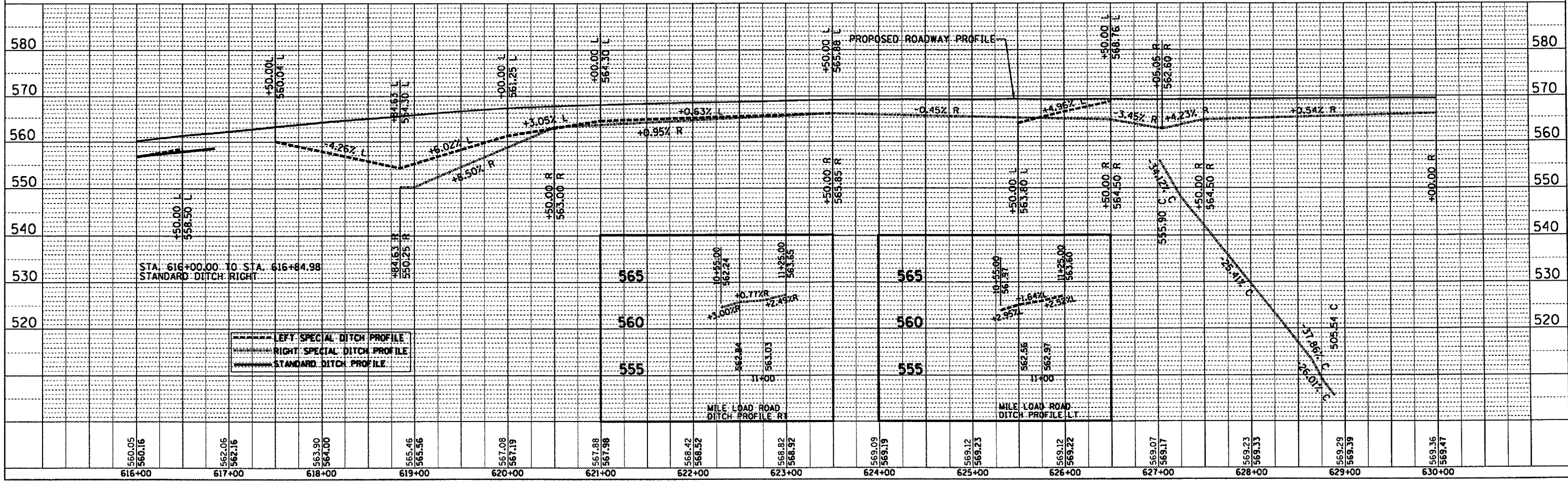
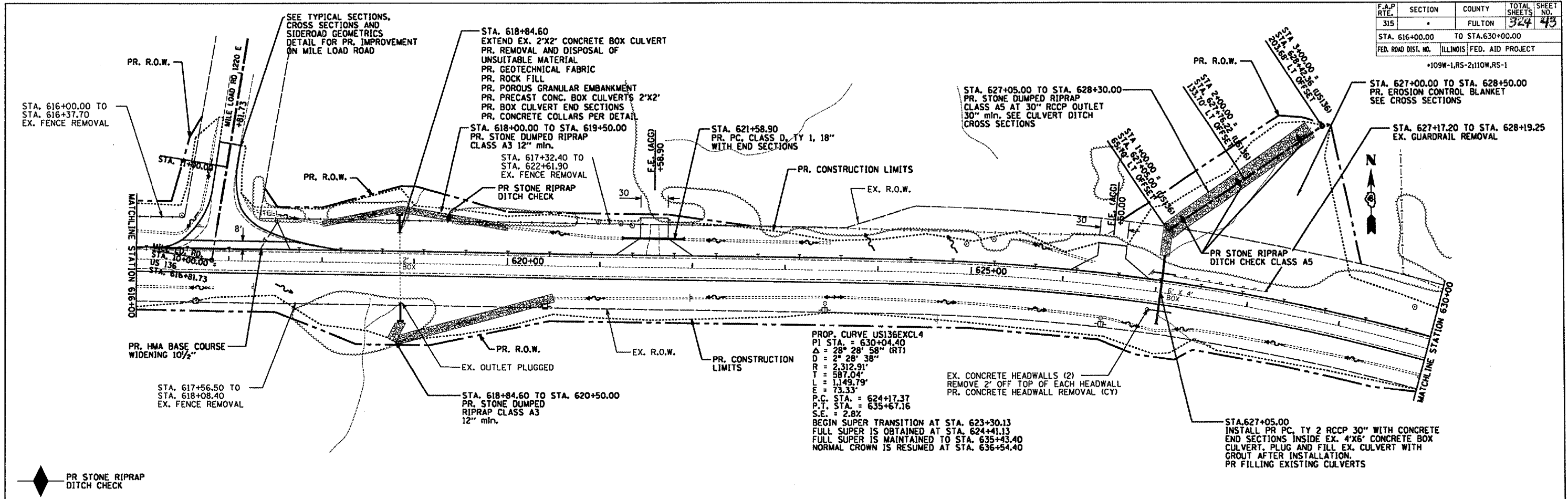
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US:136SUM/PP1.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	43

STA. 616+00.00 TO STA. 630+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 *109W-1,RS-2(110W,RS-1)

PLAN	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
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2	STRUCTURE NOTATIONS DWD



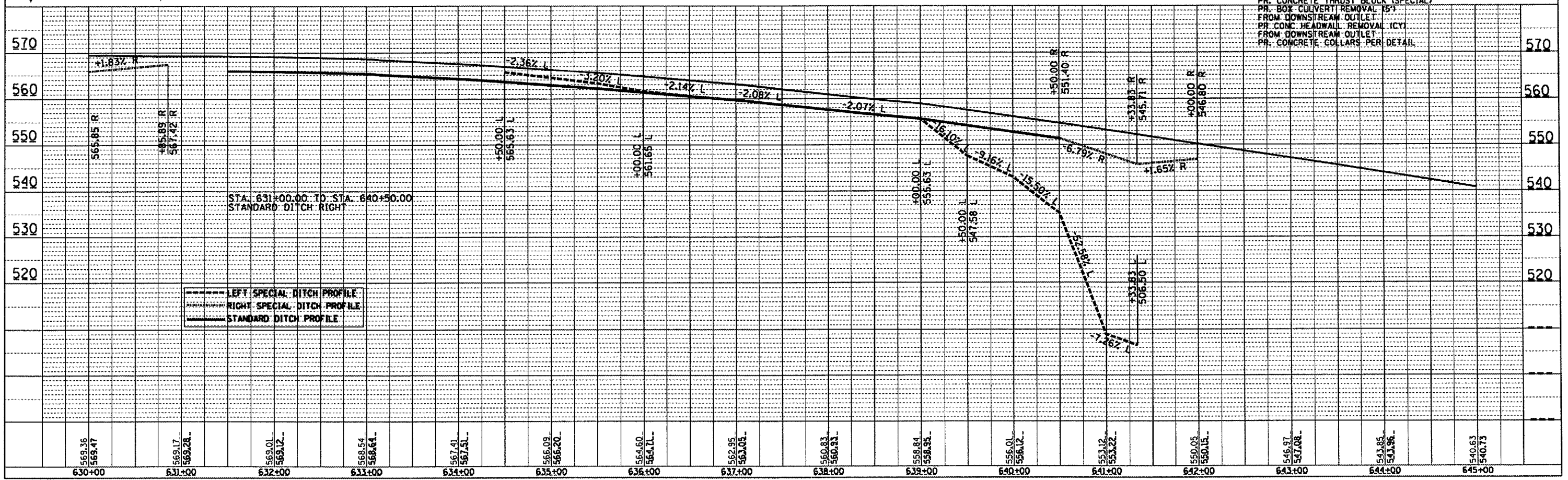
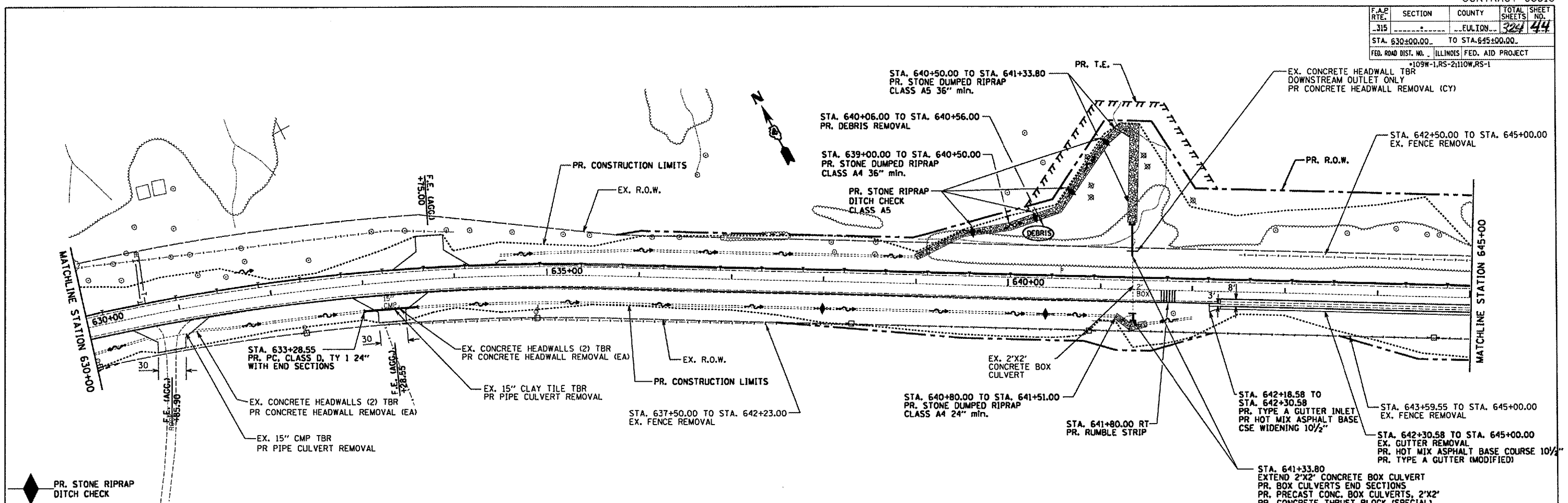
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2	STRUCTURE NOTATIONS DWD

US:36SLUM/PP12.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EFFLON	324	44
STA. 630+00.00 TO STA. 645+00.00.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		*109W-1,RS-2,110W,RS-1		

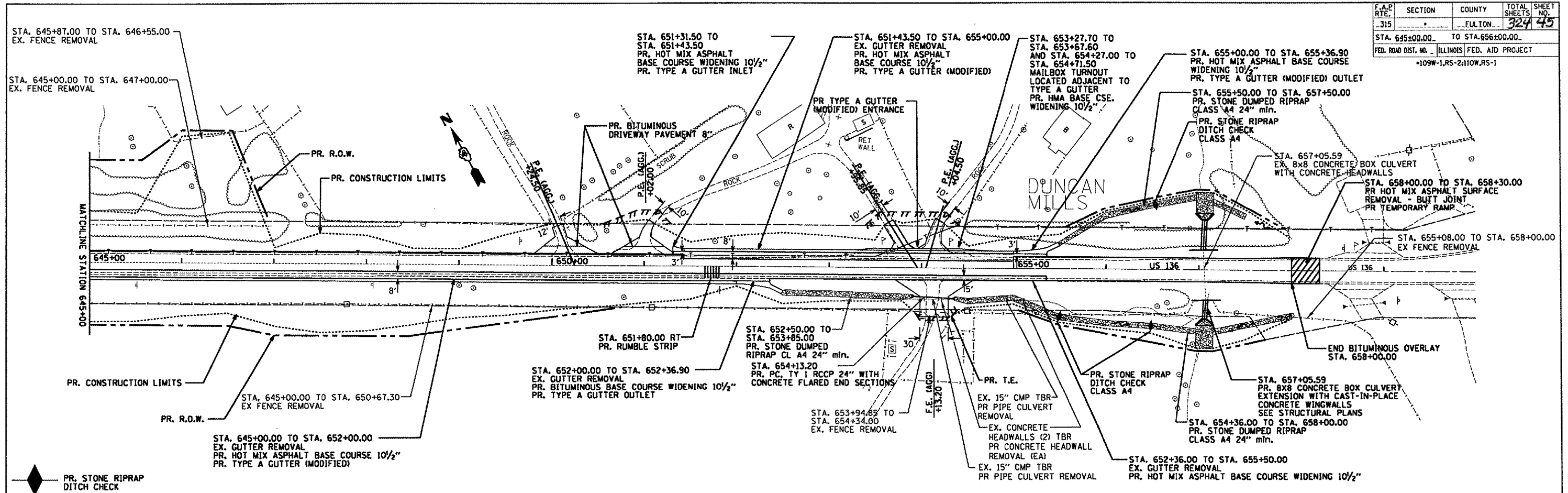
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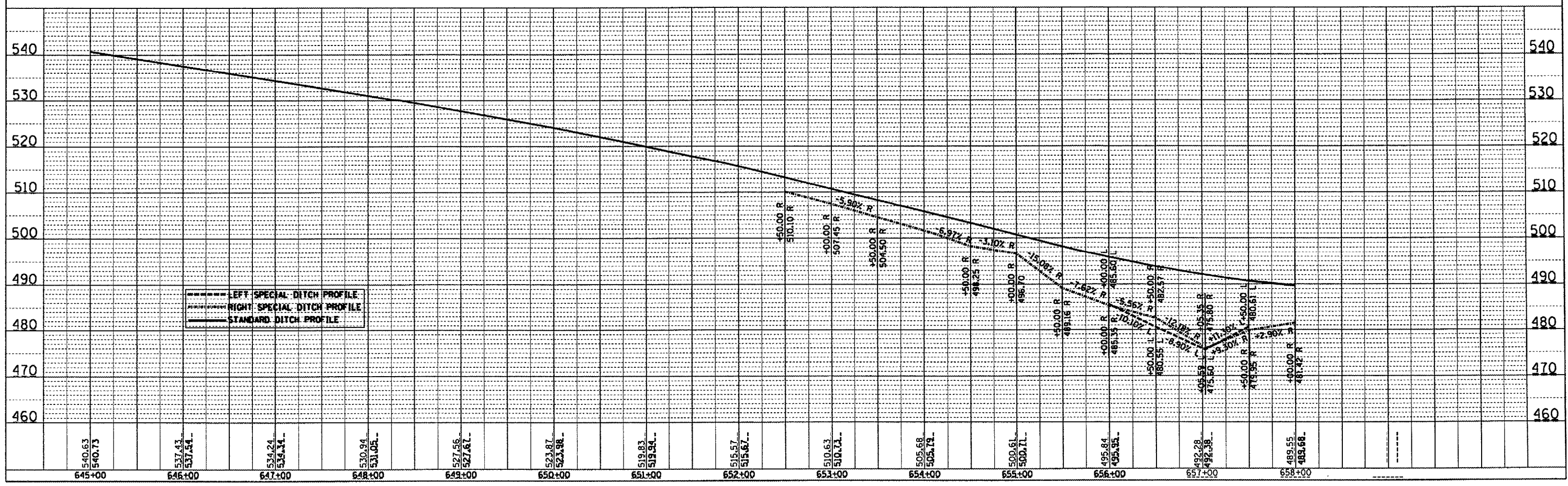


US136SUM/PP13.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 645+00.00 TO STA. 656+00.00		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				



DATE	
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REVISIONS	
NO.	DESCRIPTION
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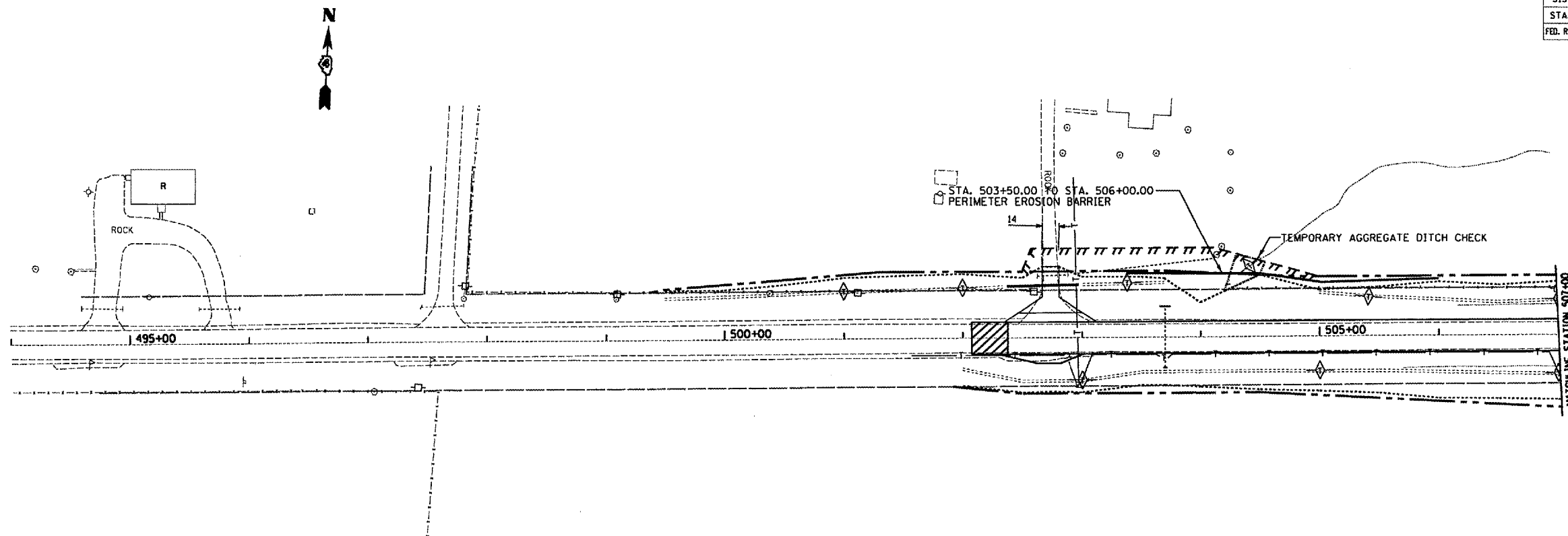
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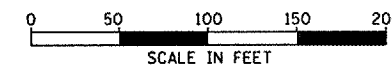
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315		FULTON	324	46
STA. 494+00.00		TO STA. 507+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

PLAN

DESIGNED	BY	DATE
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STRUCTURE NOTATIONS		
FILE NAME		



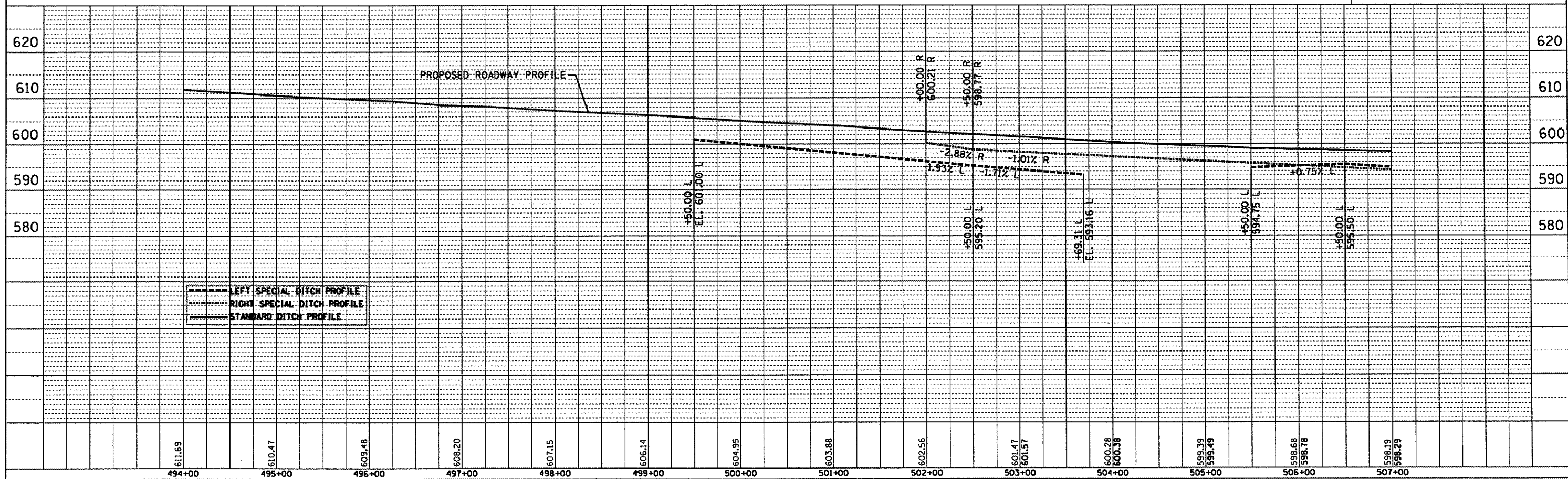
TEMP. DITCH CHECK



TEMPORARY EROSION CONTROL PLAN

PROFILE

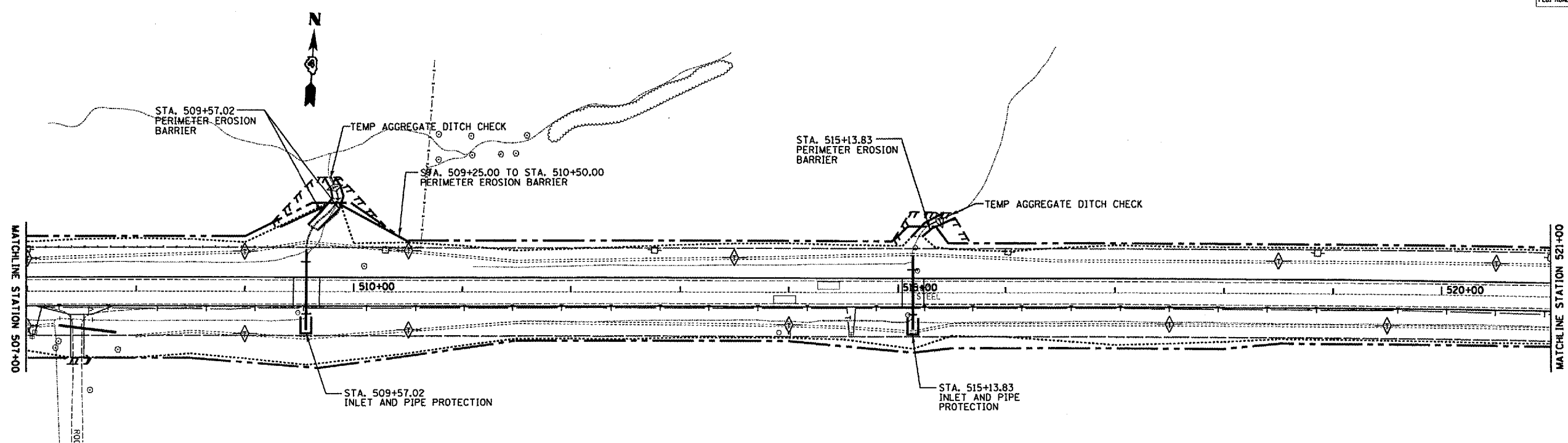
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STRUCTURE NOTATIONS		
FILE NAME		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.315		EULTON	324	47
STA. 507±00.00		TO STA. 521±00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2,110W,RS-1				

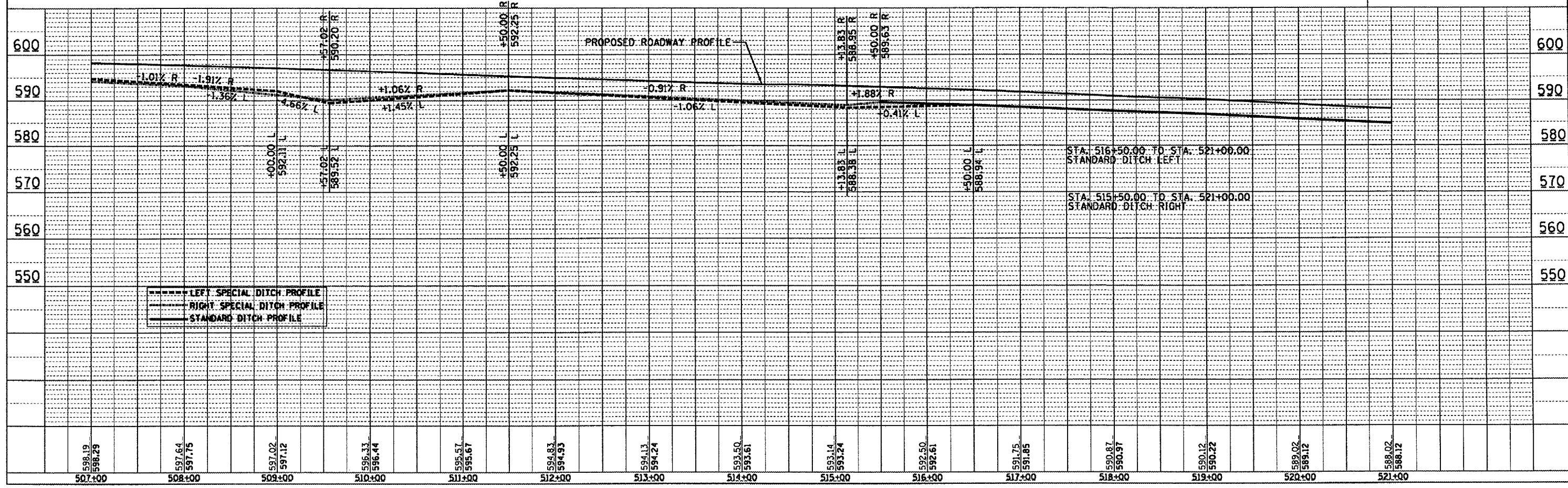
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PROFILE	REVISION	DATE
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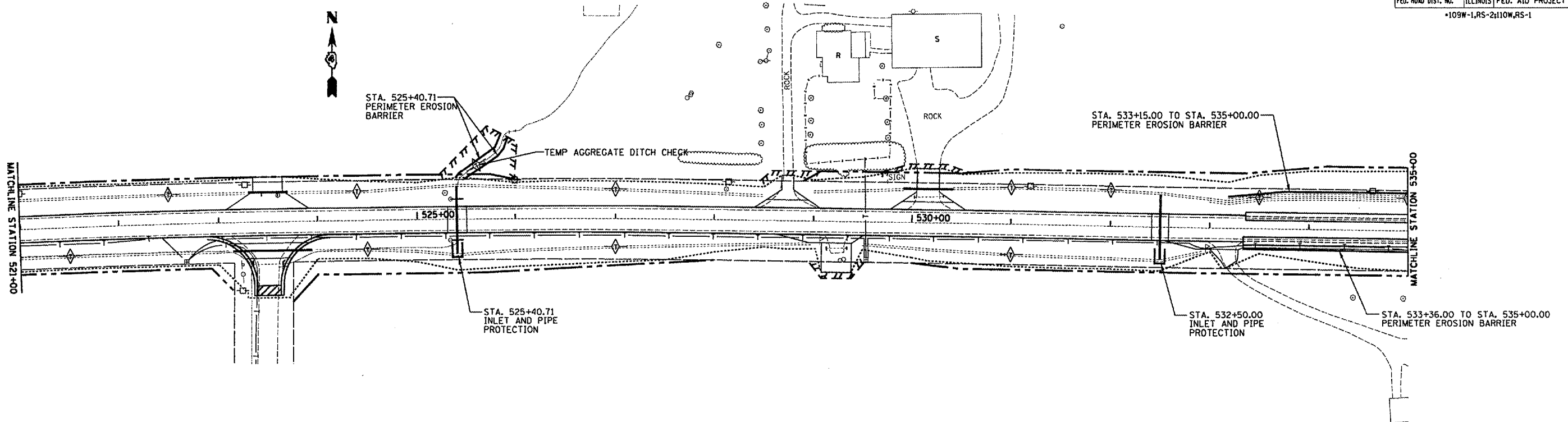
TEMP. DITCH CHECK

TEMPORARY EROSION CONTROL PLAN



US136SUM/PP04.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	48
STA. 521+00.00		TO STA. 535+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2110W,RS-1				

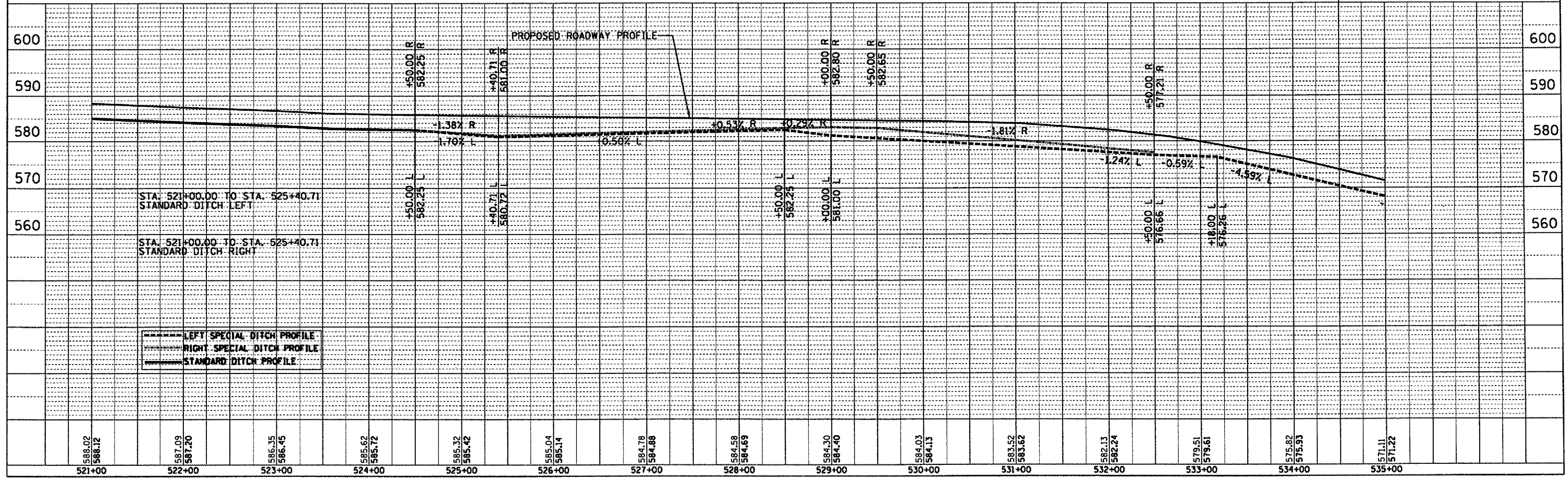


PLAN	DATE
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REVISIONS	
ALIGNED	CHECKED
NOTE BOOK	NO. _____
DATE	

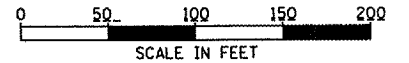
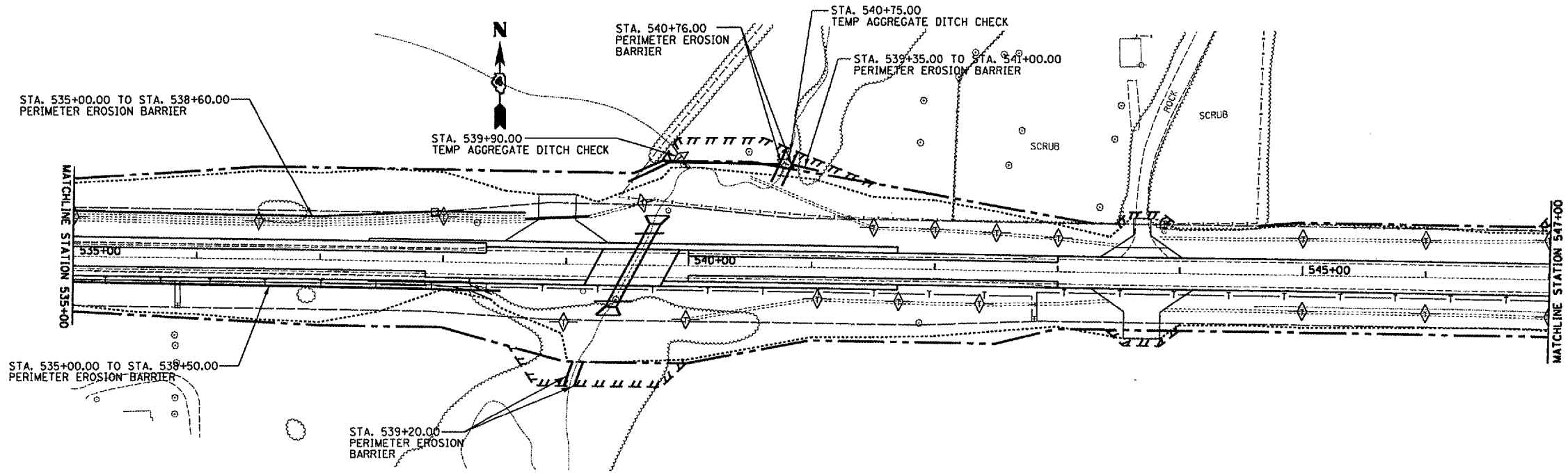
TEMP. DITCH CHECK

TEMPORARY EROSION CONTROL PLAN

PROFILE	DATE
BY	
REVISIONS	
GRADES	CHECKED
NOTE BOOK	NO. _____
DATE	

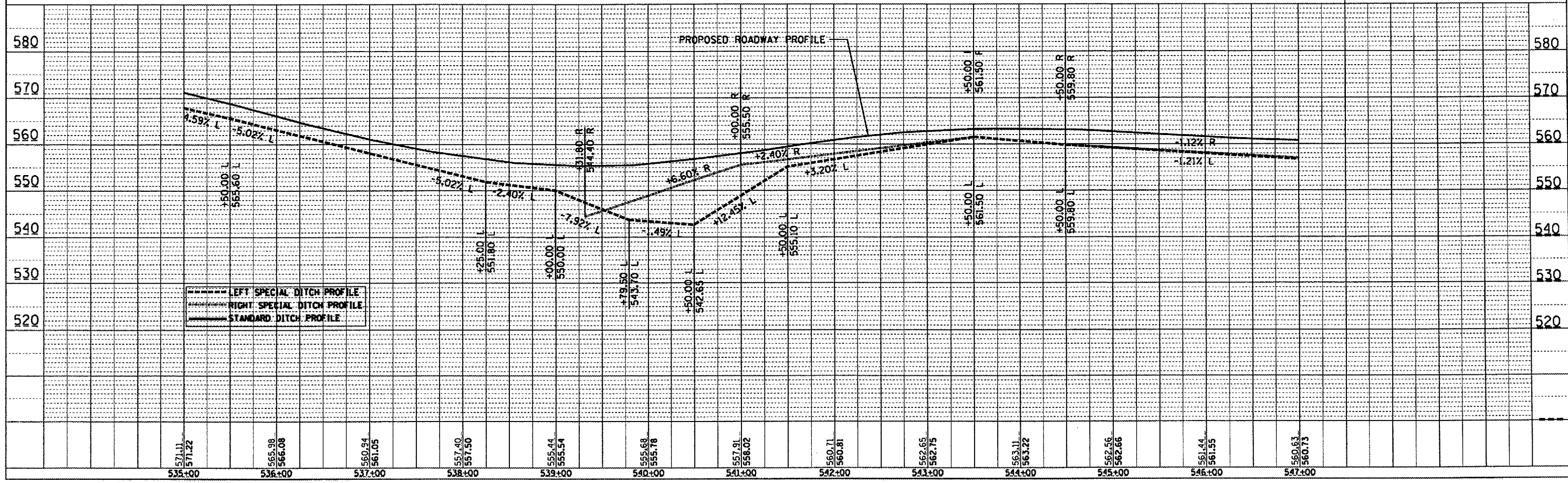


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		ILLINOIS	344	49
STA. 535+00.00		TO STA. 547+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2,110W,RS-1				



TEMPORARY EROSION CONTROL PLAN

TEMP. DITCH CHECK



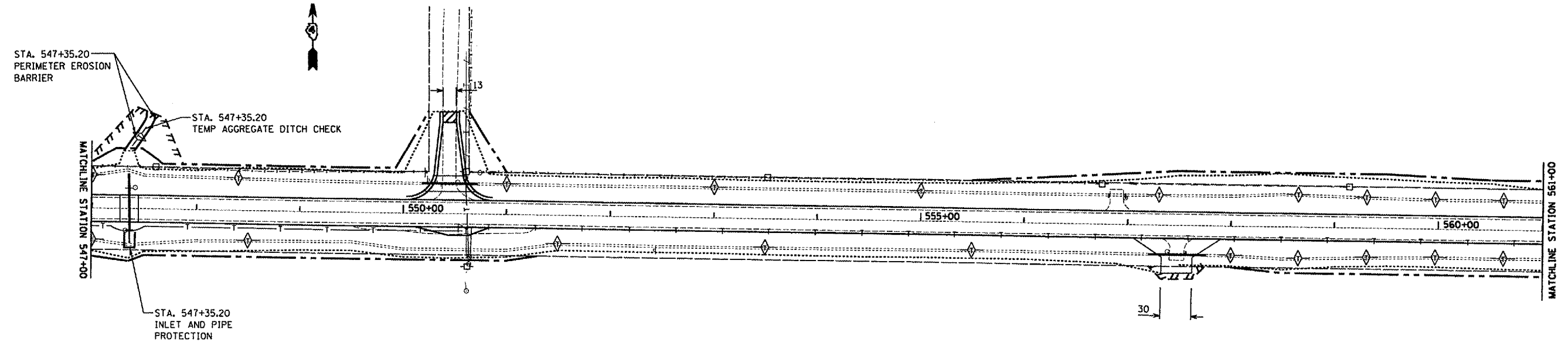
PLAN	DATE	BY
REVISIONS		
1. PLOTTED		
2. CHECKED		
3. APPROVED		
4. FILED		
NOTE BOOK NO.		
FILE NAME		

PROFILE	DATE	BY
REVISIONS		
1. PLOTTED		
2. CHECKED		
3. APPROVED		
4. FILED		
NOTE BOOK NO.		
FILE NAME		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULIOW	324	50
STA. 547±00.00 TO STA. 561±00.00		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

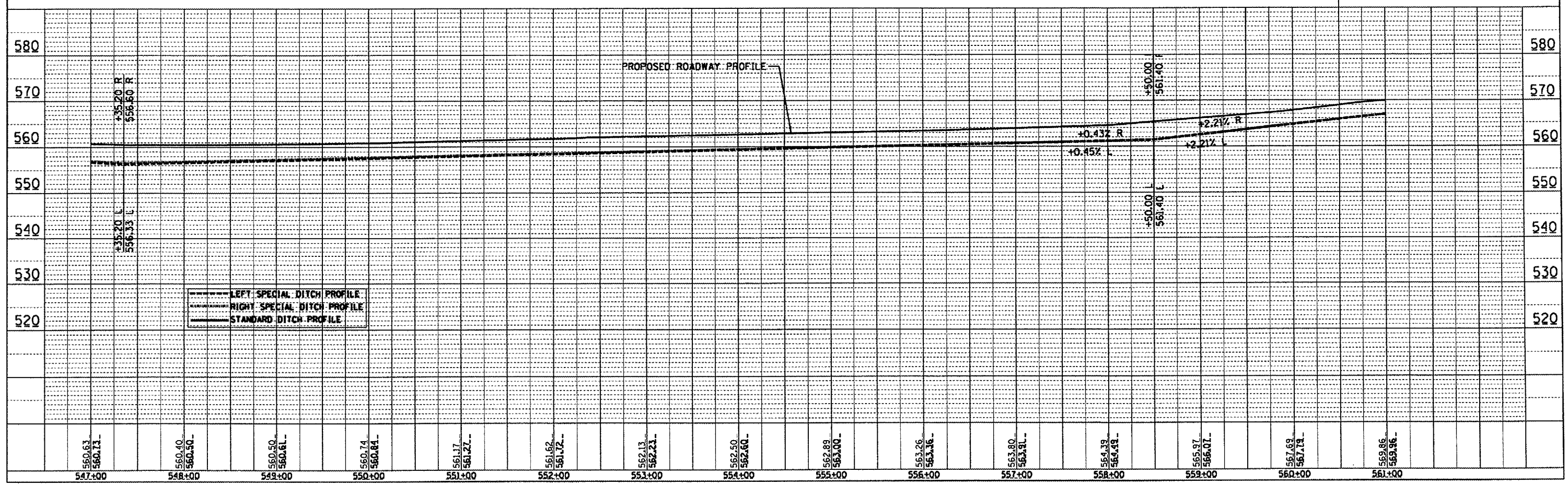
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NO.	BY	
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PROFILE	REVISION	DATE
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TEMP. DITCH CHECK

TEMPORARY EROSION CONTROL PLAN

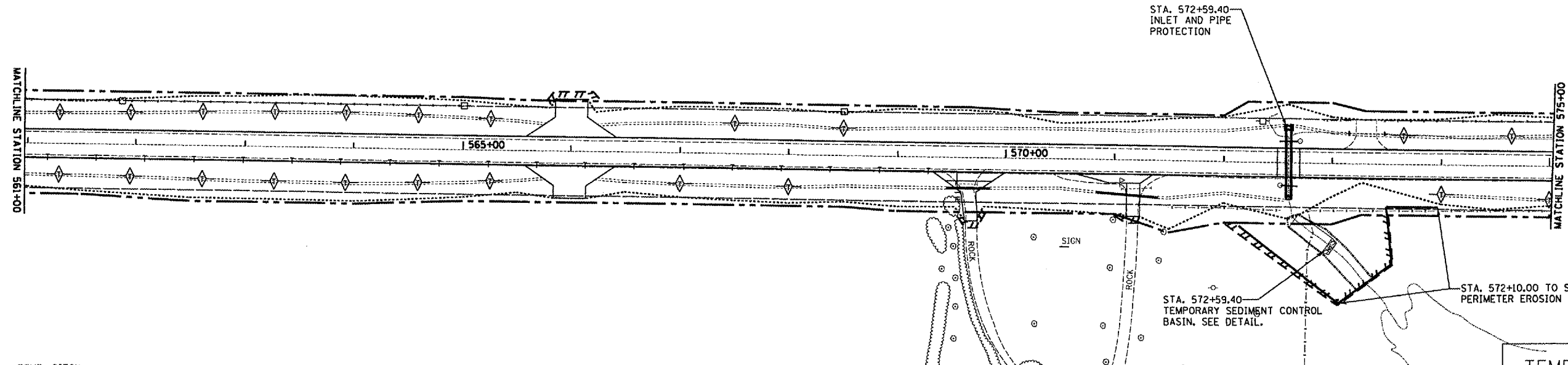


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	51
STA. 561+00.00		TO STA. 575+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+109W-1,RS-2;110W,RS-1				

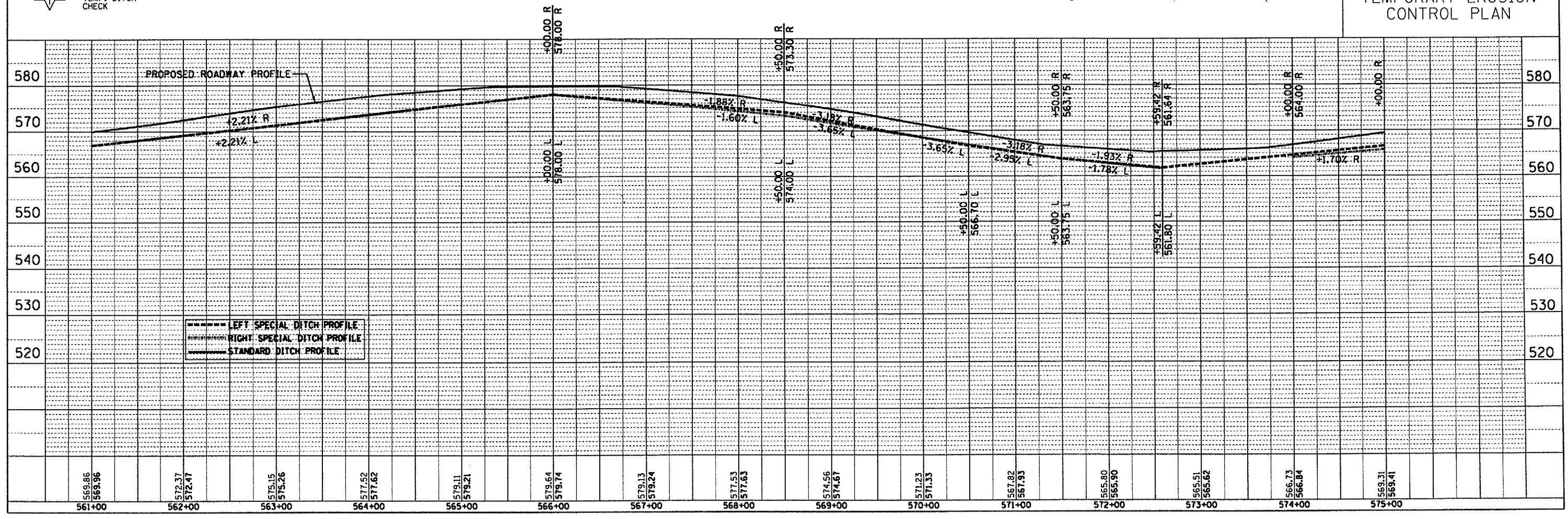


DATE	BY

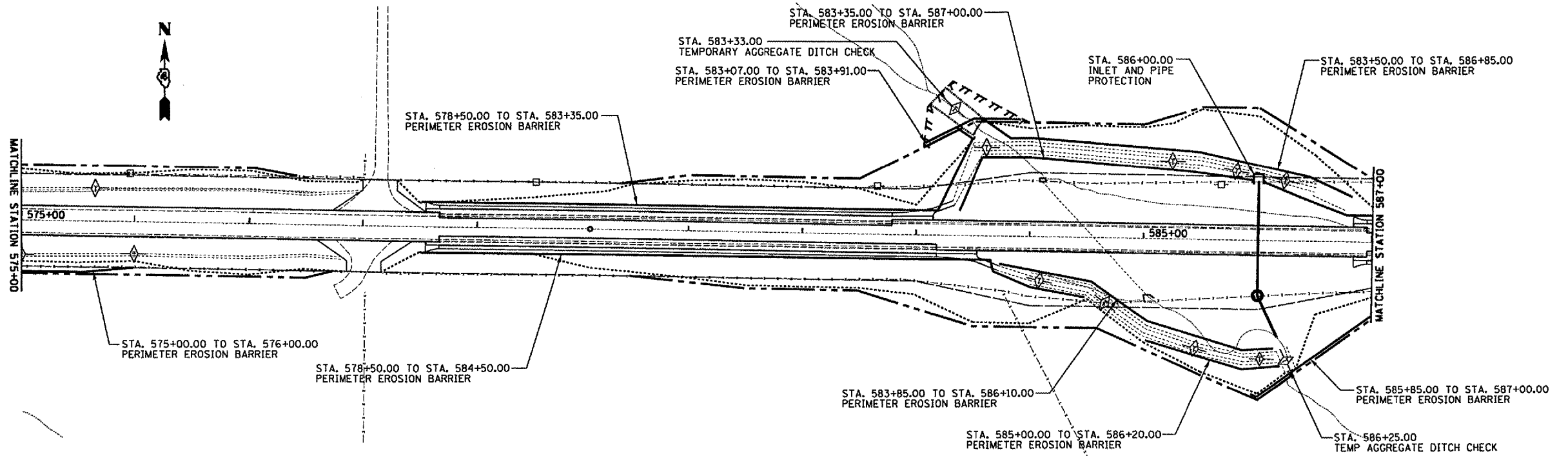
DATE	BY



TEMPORARY EROSION CONTROL PLAN



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	52
STA. 575+00.00		TO STA. 587+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2110W,RS-1				

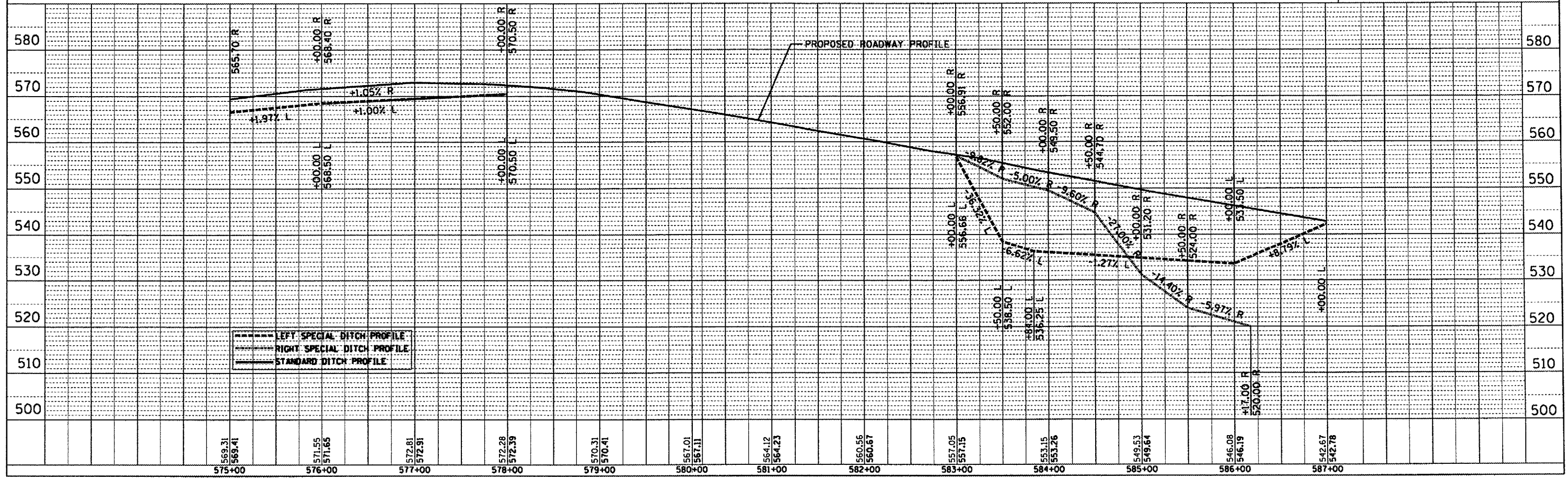


TEMP. DITCH CHECK

TEMPORARY EROSION CONTROL PLAN

PLAN	BY	DATE
REVISIONS		
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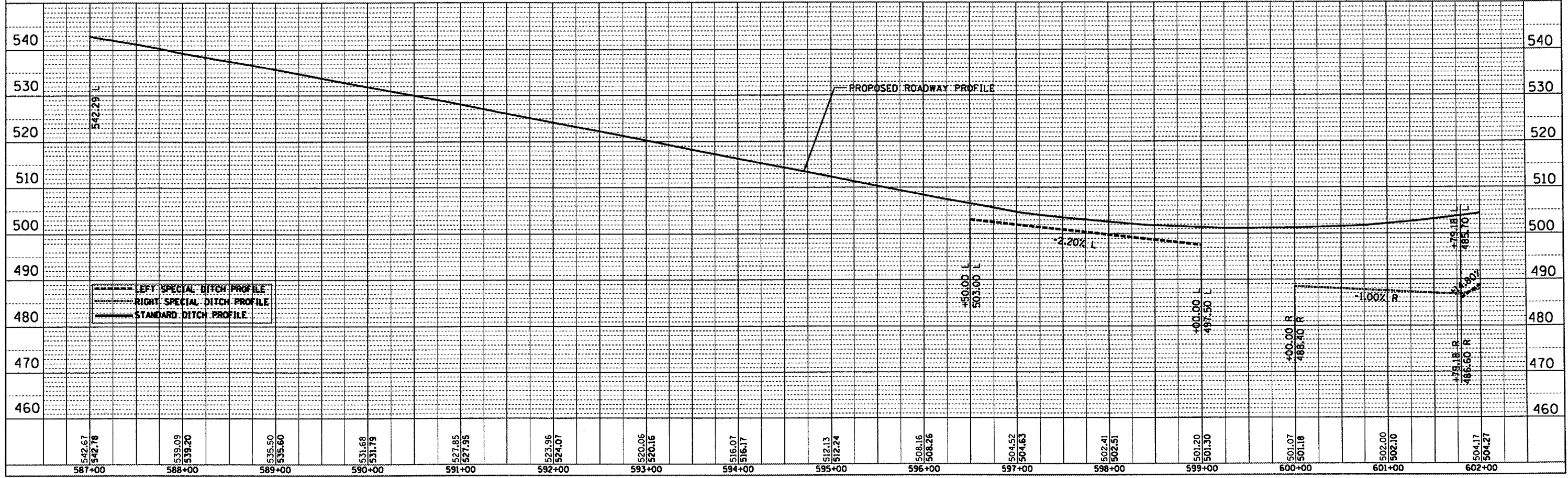
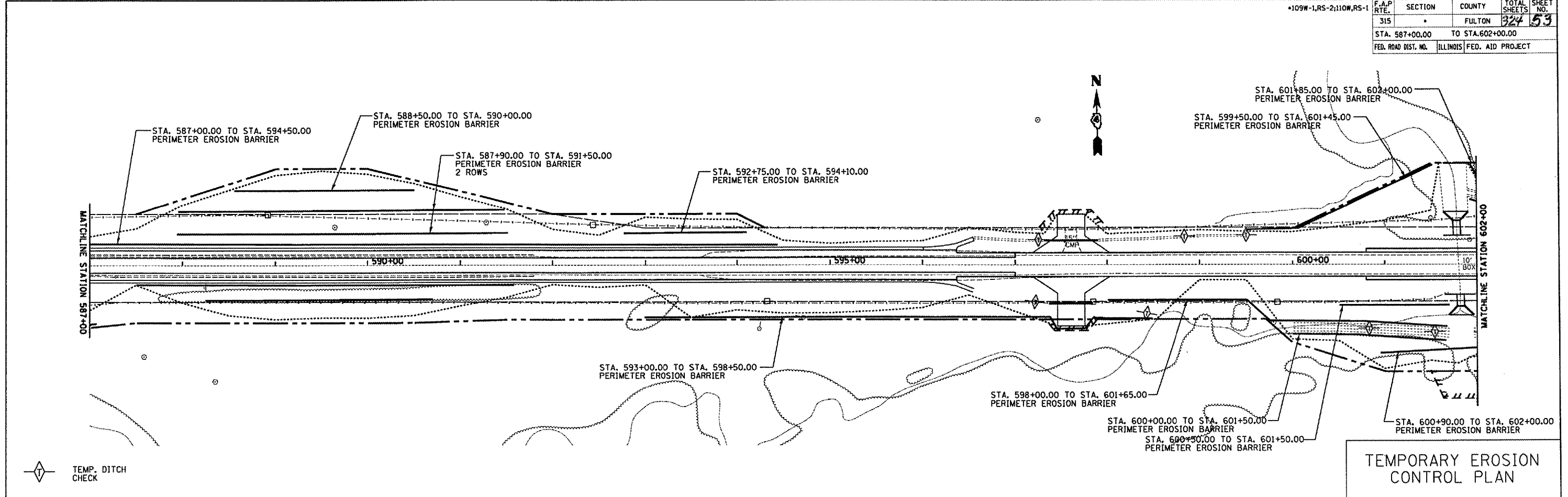
PROFILE	BY	DATE
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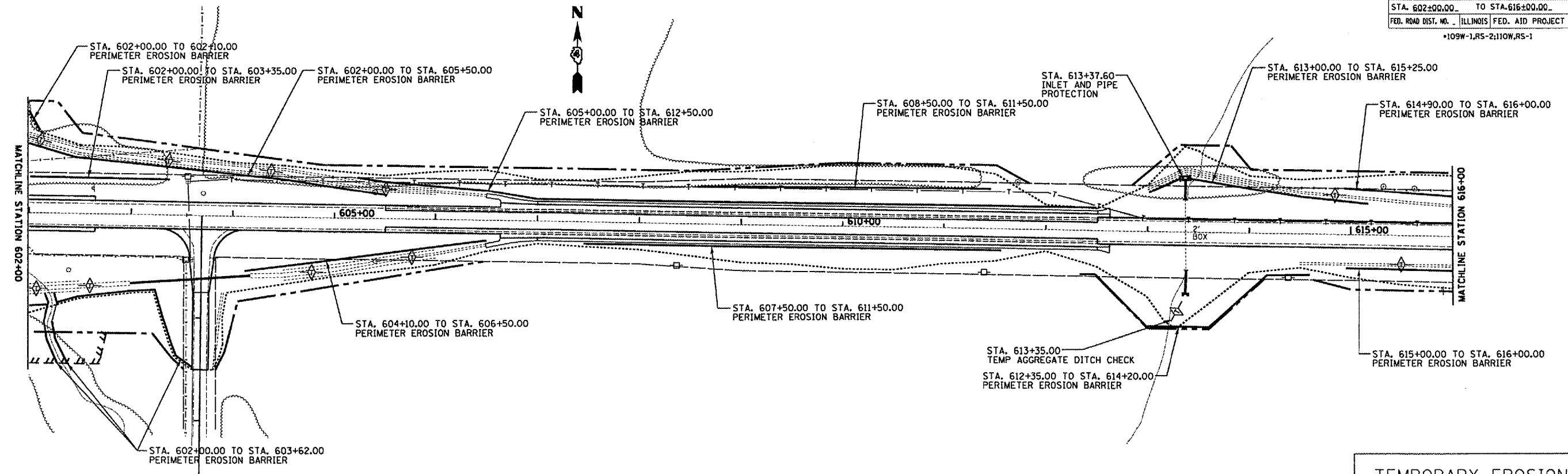
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	53
STA. 587+00.00		TO STA. 602+00.00		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

DATE	BY

DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EVANSTON	324	54
STA. 602+00.00 TO STA. 616+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

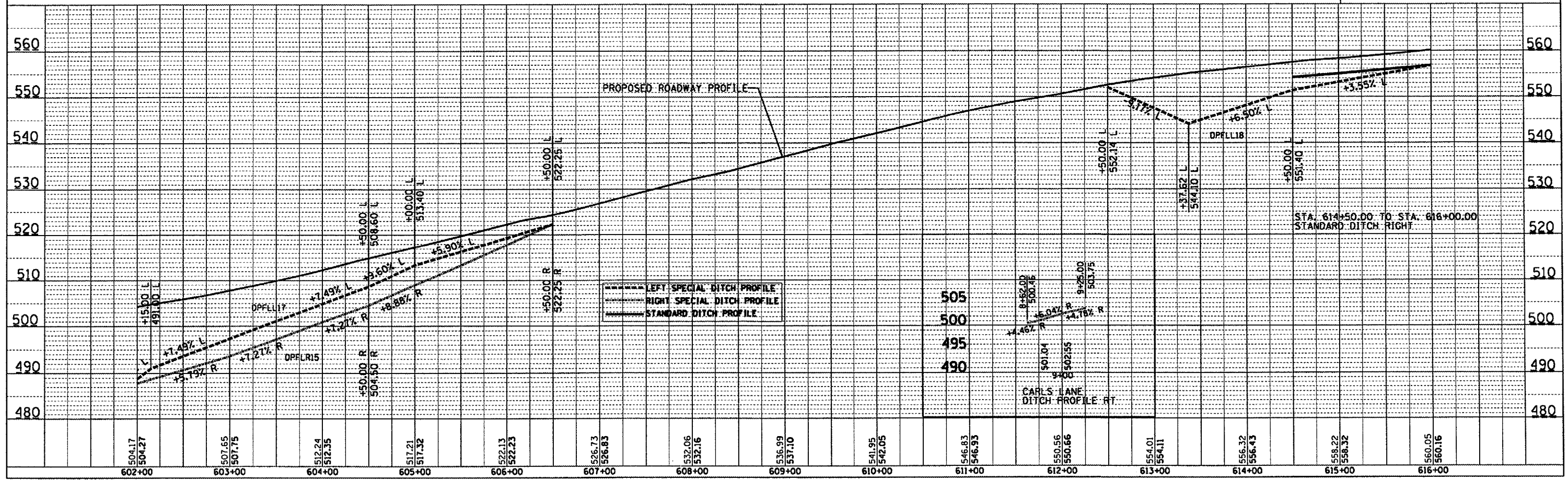


PLAN	BY	DATE
REVISIONS		
ALTERNATE		
NOTED		
CHECKED		
DATE FILE NAME		

PROFILE	BY	DATE
REVISIONS		
ALTERNATE		
NOTED		
CHECKED		
DATE FILE NAME		

TEMP. DITCH CHECK

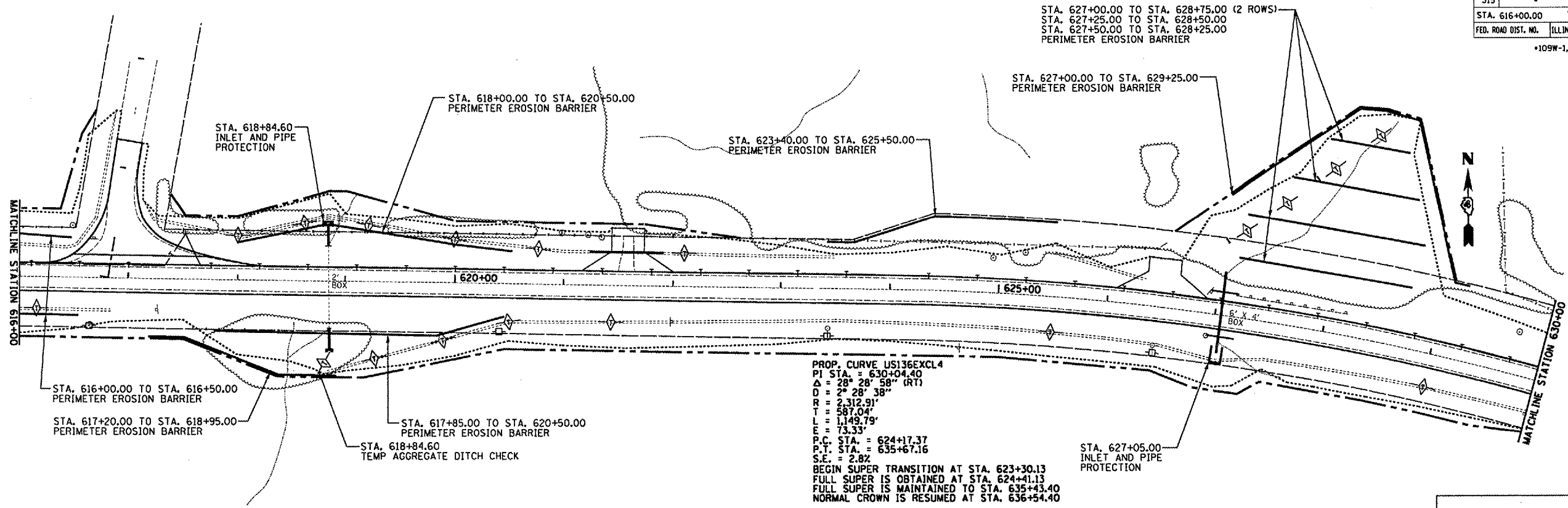
TEMPORARY EROSION CONTROL PLAN



- - - - - LEFT SPECIAL DITCH PROFILE
 - - - - - RIGHT SPECIAL DITCH PROFILE
 - - - - - STANDARD DITCH PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	55
STA. 616+00.00 TO STA. 630+00.00			ILLINOIS FED. AID PROJECT	
FED. ROAD DIST. NO. 109W-1,RS-2110W,RS-1				

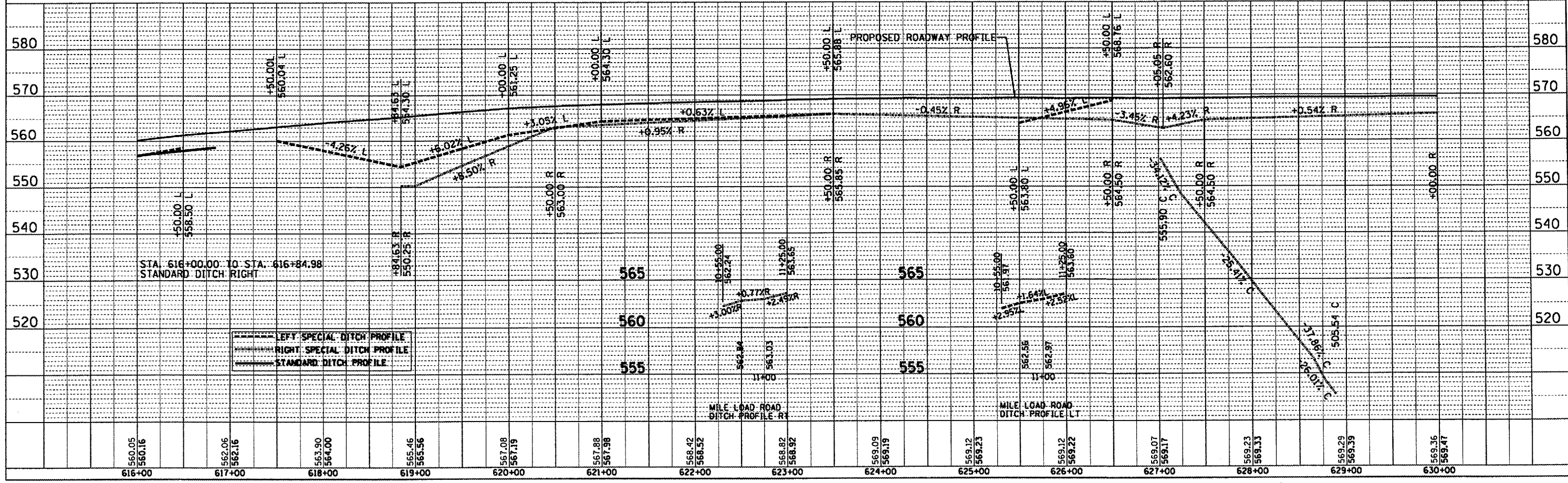
PLAN	REVISIONS	DATE
NO. _____	BY _____	_____
DATE _____	BY _____	_____
NO. _____	BY _____	_____
DATE _____	BY _____	_____



TEMP. DITCH CHECK

TEMPORARY EROSION CONTROL PLAN

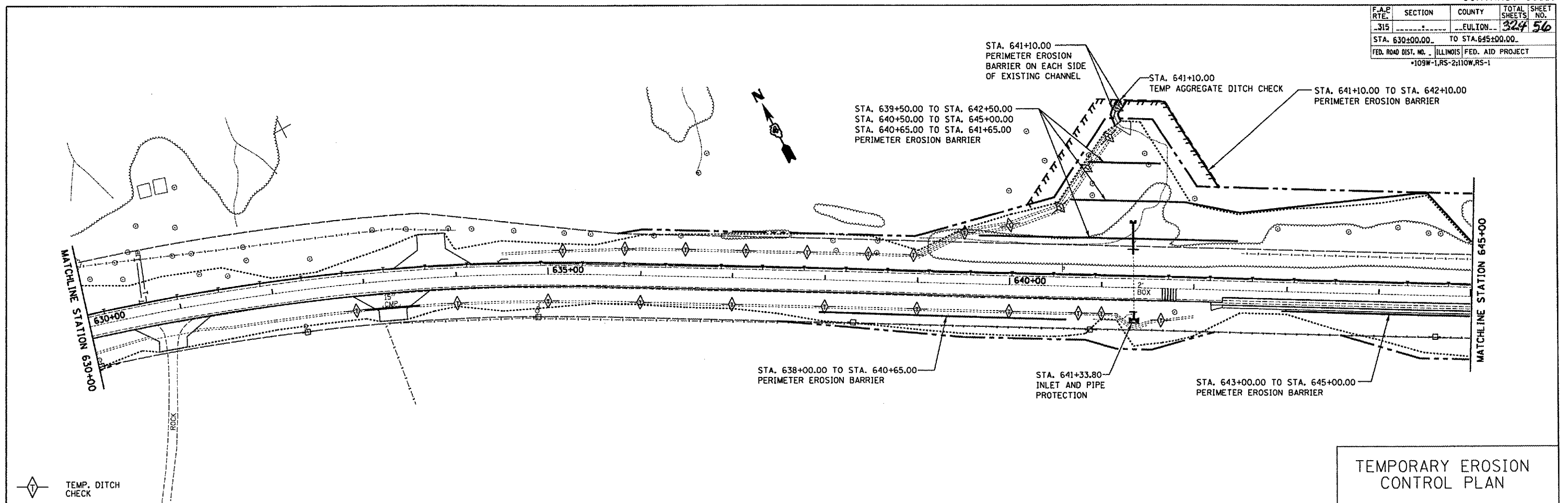
PROFILE	REVISIONS	DATE
NO. _____	BY _____	_____
DATE _____	BY _____	_____
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DATE _____	BY _____	_____



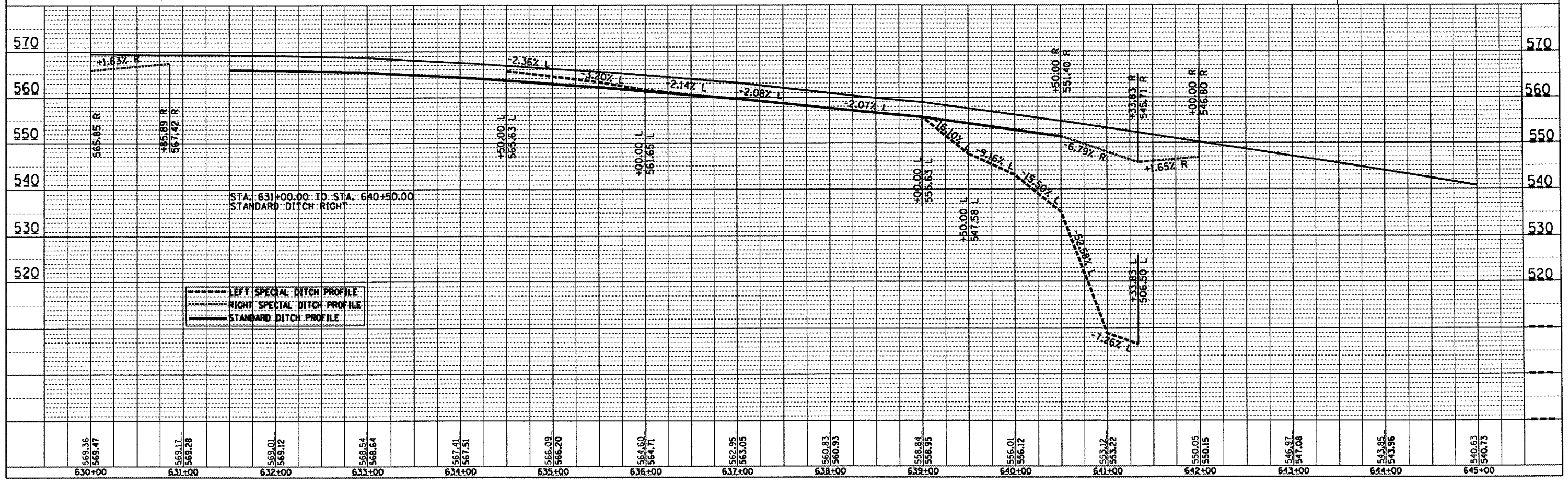
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULON	324	56
STA. 630±00.00 TO STA. 645±00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

DATE	BY

DATE	BY



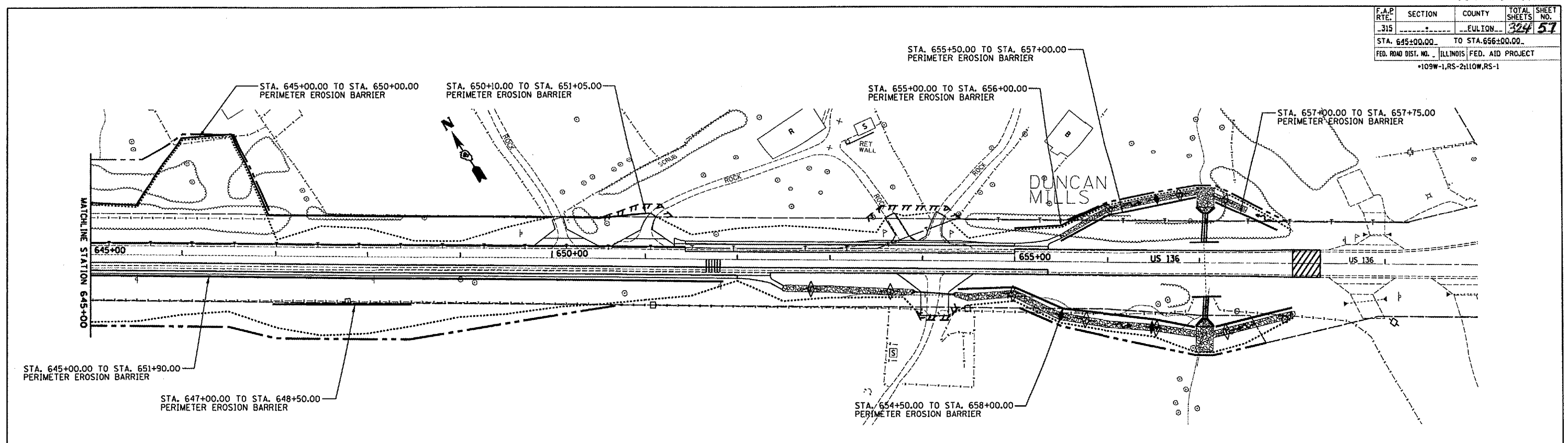
TEMPORARY EROSION CONTROL PLAN



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.315		EULION	324	57
STA. 645±00.00 TO STA. 656±00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

DATE	BY

REVISIONS:
 PLOTTED
 ALTERNATE CHECKED
 NOTE BOOK NO.
 CADD FILE NAME

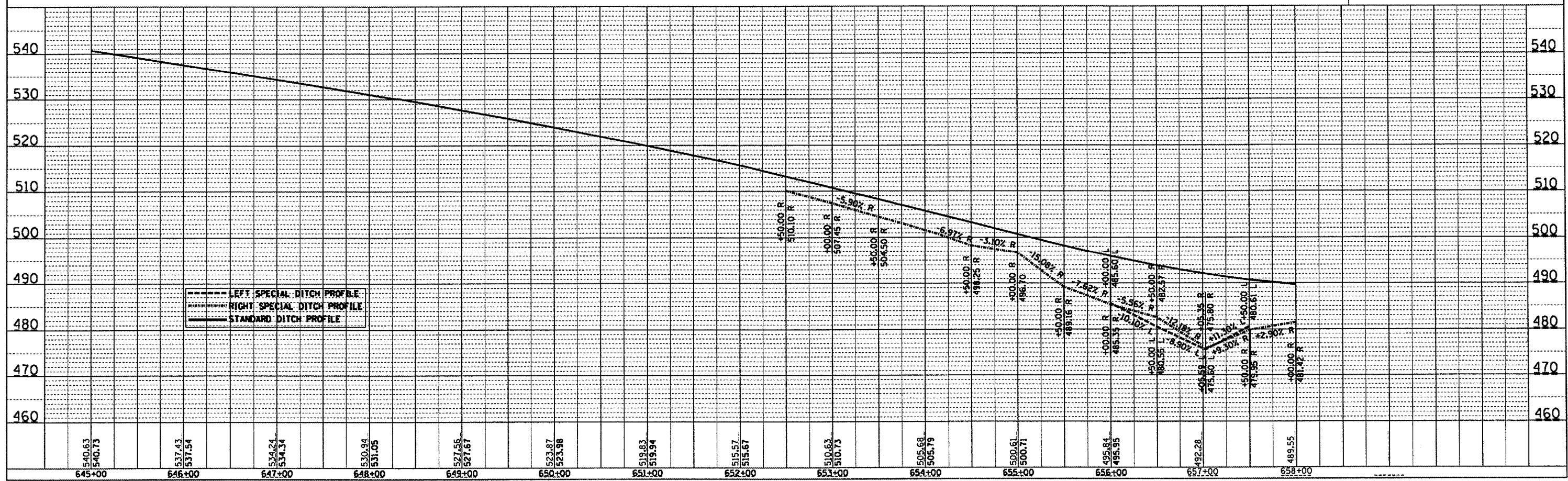


TEMP. DITCH CHECK

TEMPORARY EROSION CONTROL PLAN

DATE	BY

REVISIONS:
 PLOTTED
 ALTERNATE CHECKED
 NOTE BOOK NO.
 STRUCTURE NOTATION OR NO.

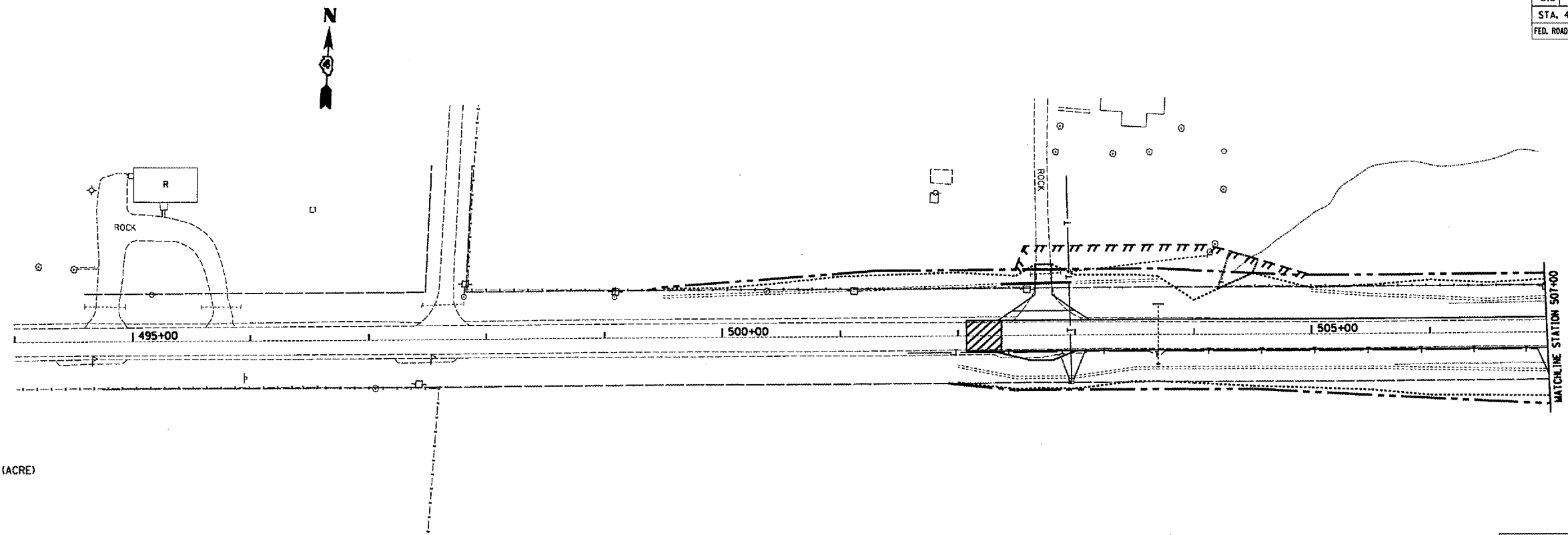


US136SUN/PP14.DGN

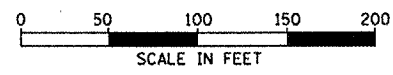
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	58
STA. 494+00.00		TO STA. 507+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1

PLAN	DESIGNED	DATE
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	NO. OF SHEETS	
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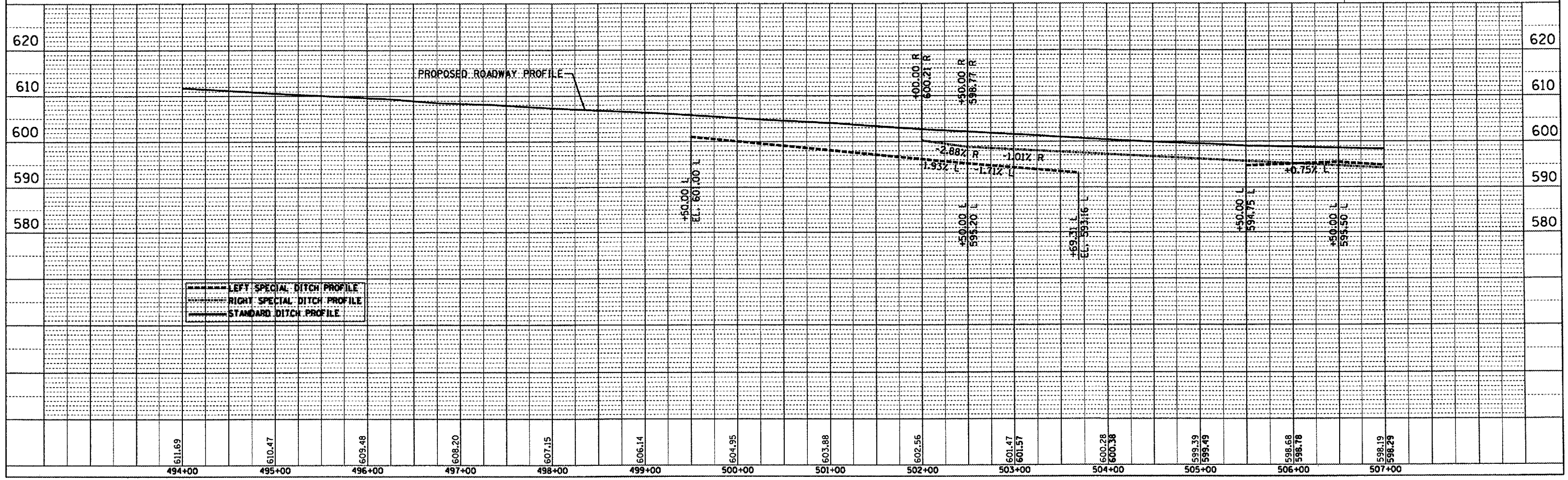


EX. TREE REMOVAL (ACRE)



TREE REMOVAL PLAN

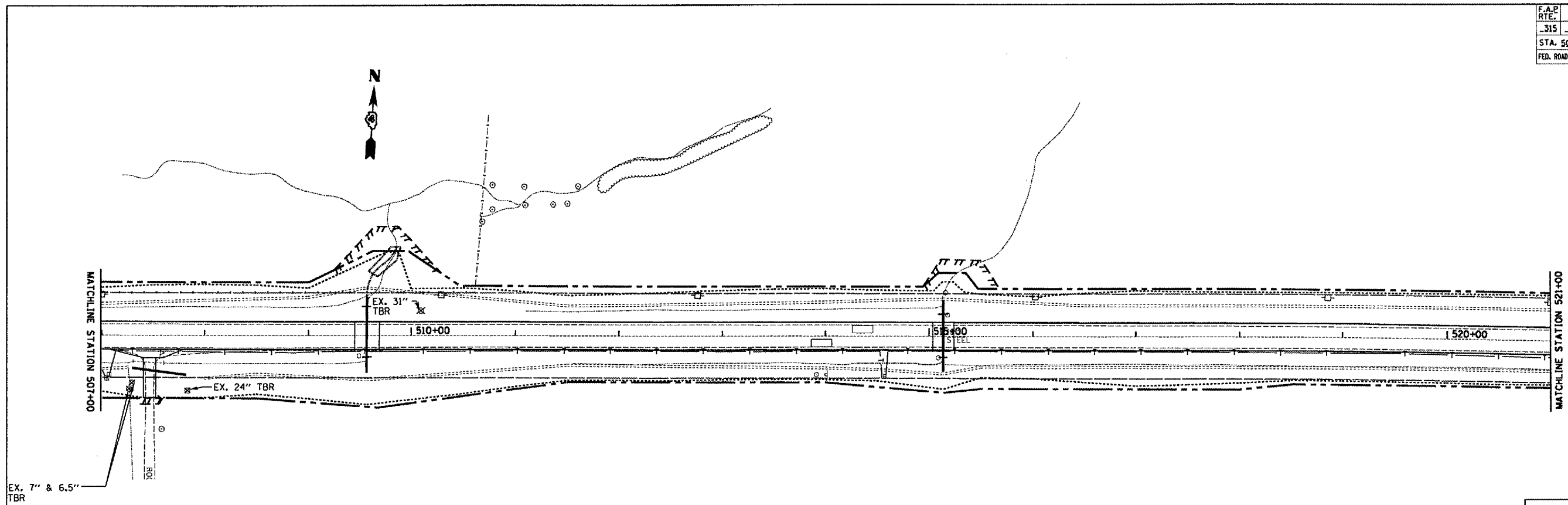
PROFILE	DESIGNED	DATE
	PLOTTED	
	NOTED	
	BY	
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	NO. OF SHEETS CHECKED	
	NO. OF SHEETS	
	NO. OF SHEETS	
	NO. OF SHEETS	



US136SUM/PP03.DGN

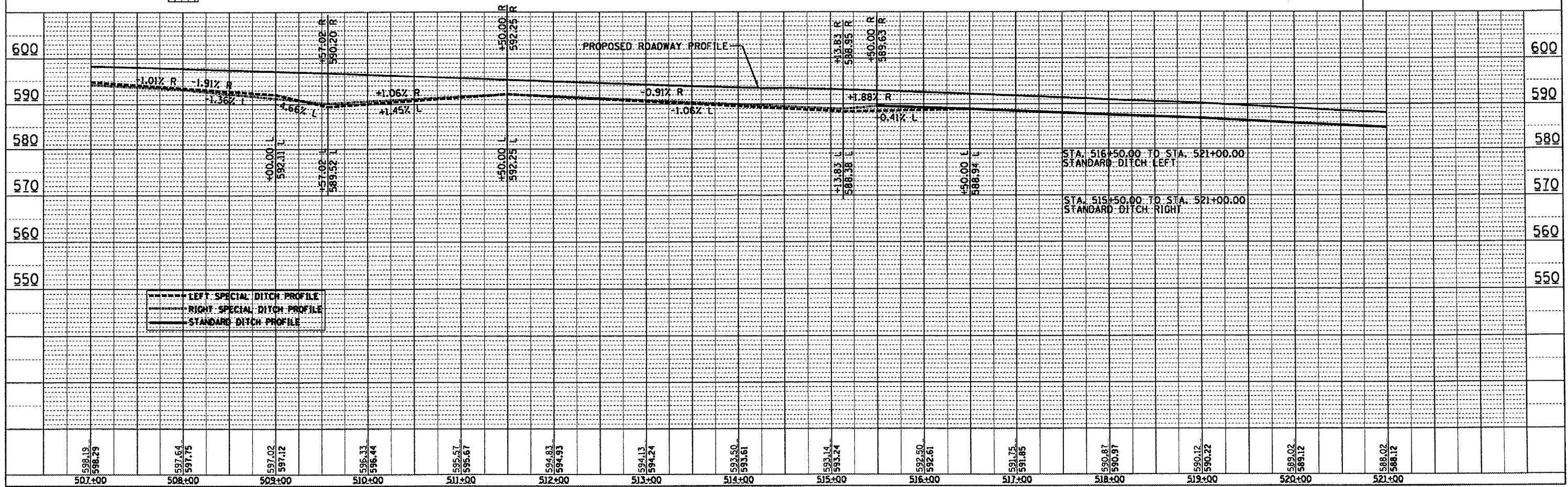
F.A.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	EVLION		324	59
STA. 507±00.00		TO STA. 521±00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
+109W-1,RS-2110W,RS-1				

PLAN	DATE
REVISION	BY
NOTED	
ST. OF WAY CHECKED	
FILE NAME	



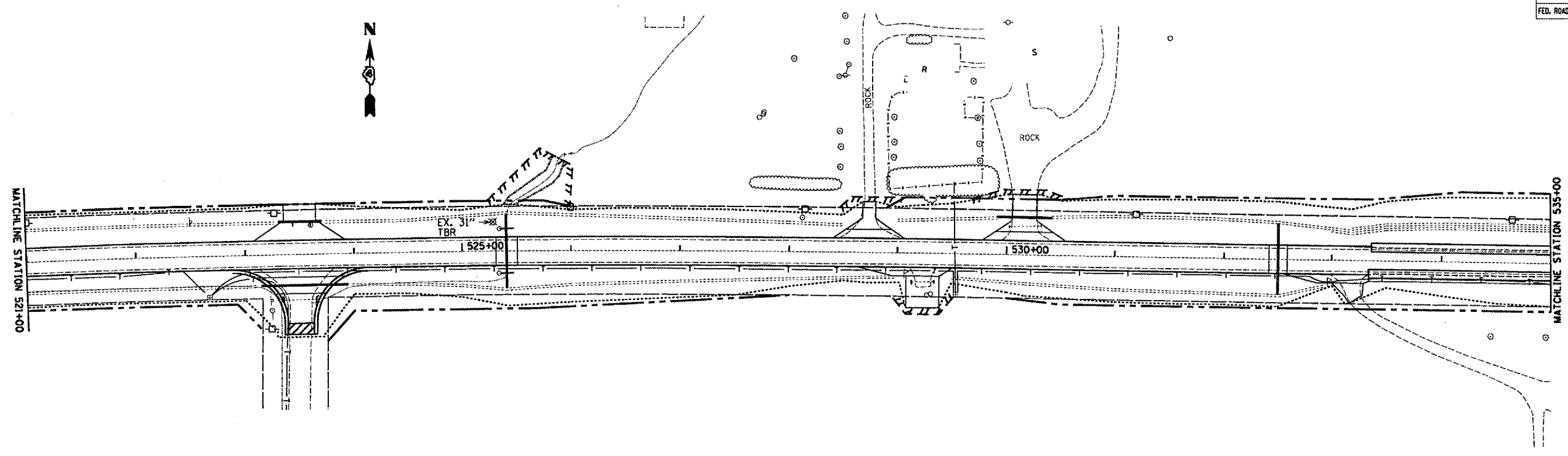
TREE REMOVAL PLAN

PROFILE	DATE
REVISION	BY
NOTED	
ST. OF WAY CHECKED	
STRUCTURE NOTATIONS CHECKED	



US136SUM/PP04.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	60
STA. 521+00.00		TO STA. 535+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2110W,RS-1				

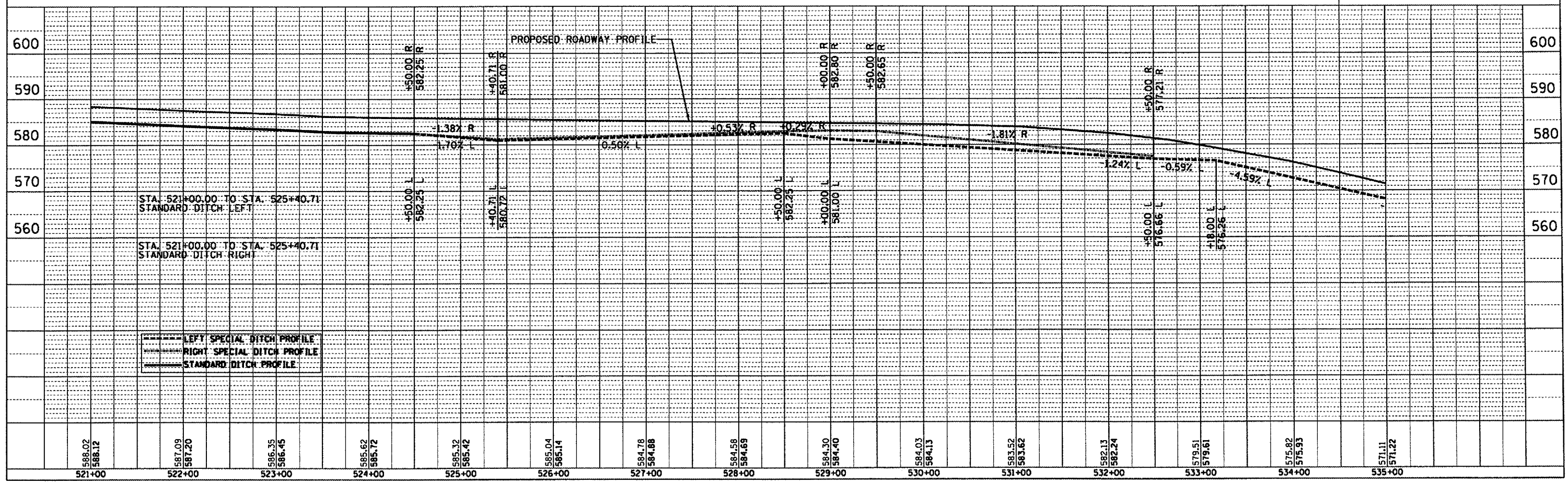


PLAN	DATE
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EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

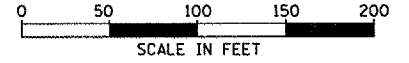
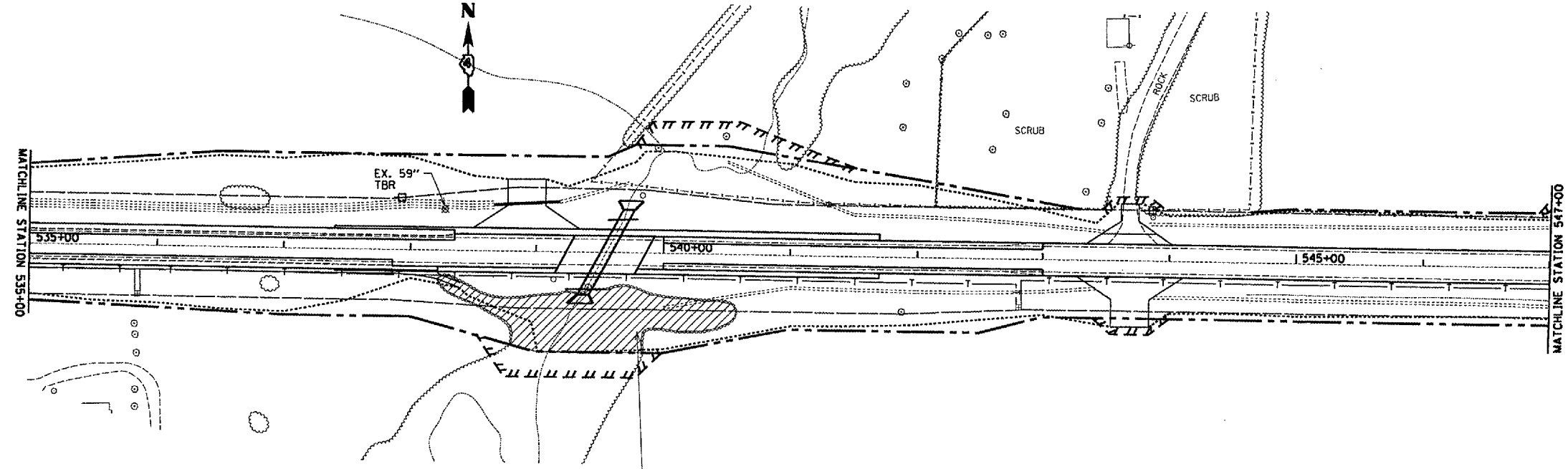
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US136SUM/PP05.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	61
STA. 535+00.00		TO STA. 547+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

PLAN	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	ALTERNATE CHECKED
2	PLOTTED
3	FIELD FILE NAME

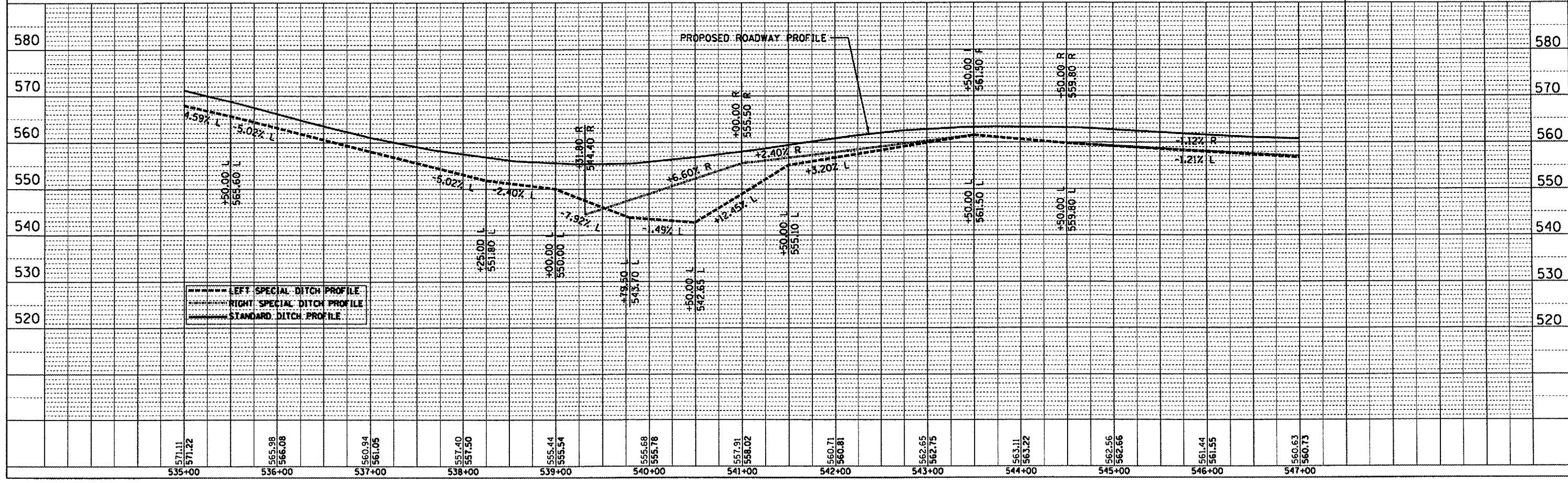


EX. TREE REMOVAL (ACRE)

STA. 538+22.00 TO STA. 540+58.50
EX. TREE REMOVAL (ACRE)

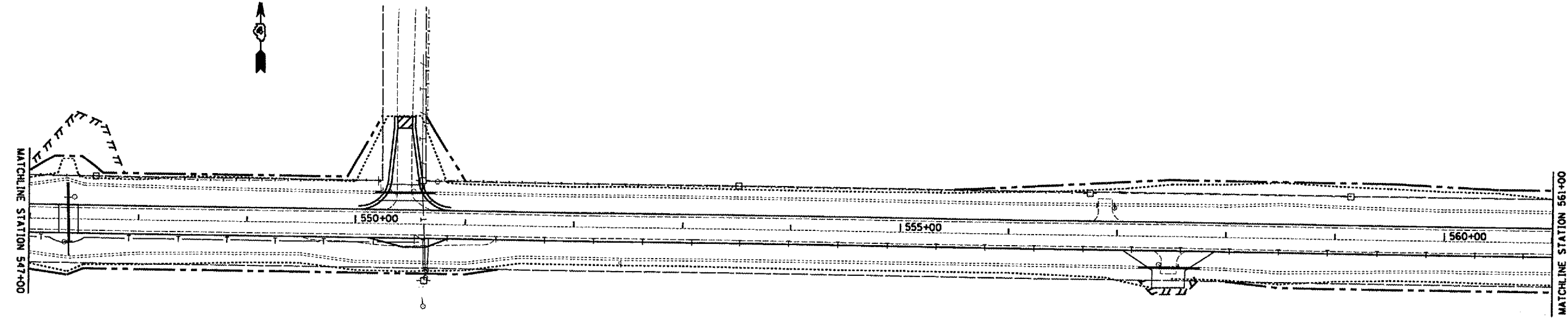
TREE REMOVAL PLAN

PROFILE	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	CHANGES CHECKED
2	PLOTTED
3	STRUCTURE NOTATIONS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	EULIION	324	62
STA. 547±00.00		TO STA. 561±00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

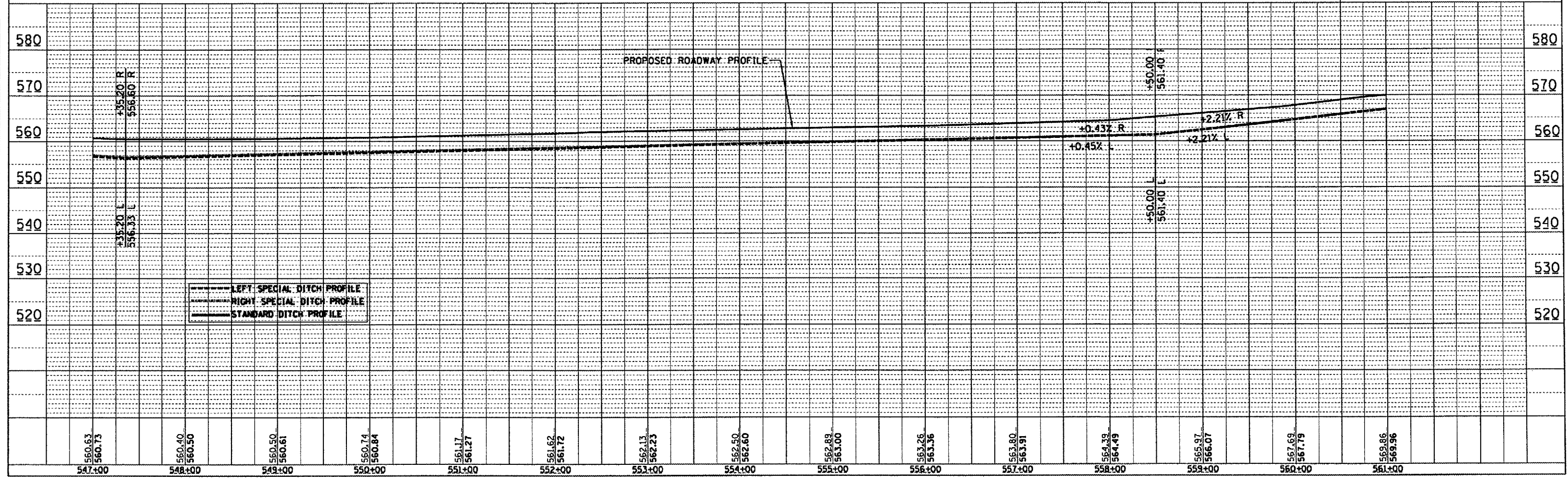
PLAN	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	AS SHOWN



EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

PROFILE	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	AS SHOWN



US:136SUM/PP07.DGN

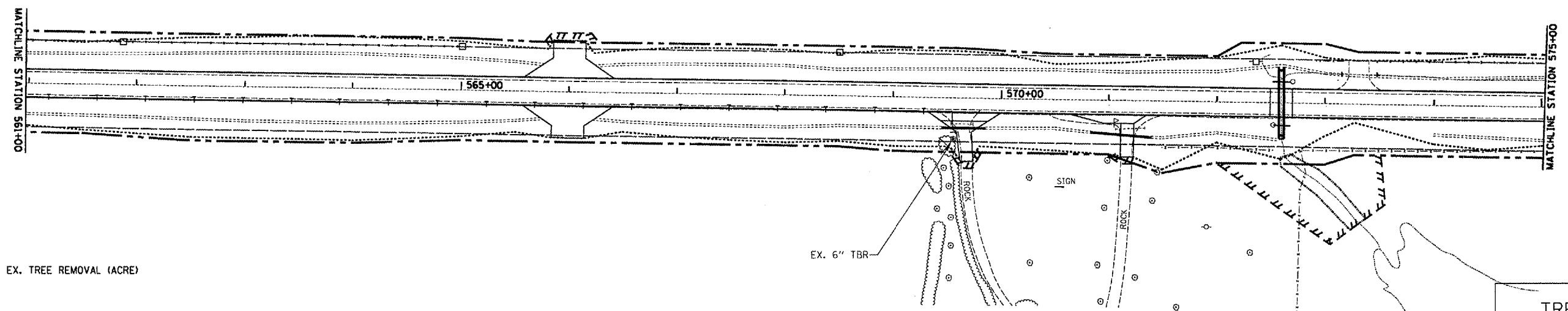
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	63
STA. 561+00.00		TO STA. 575+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2,110W,RS-1



DATE	BY

PLAN
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 ALIGNED BY: _____
 NOTE BOOK NO.: _____
 CAUD. FILE NAME: _____

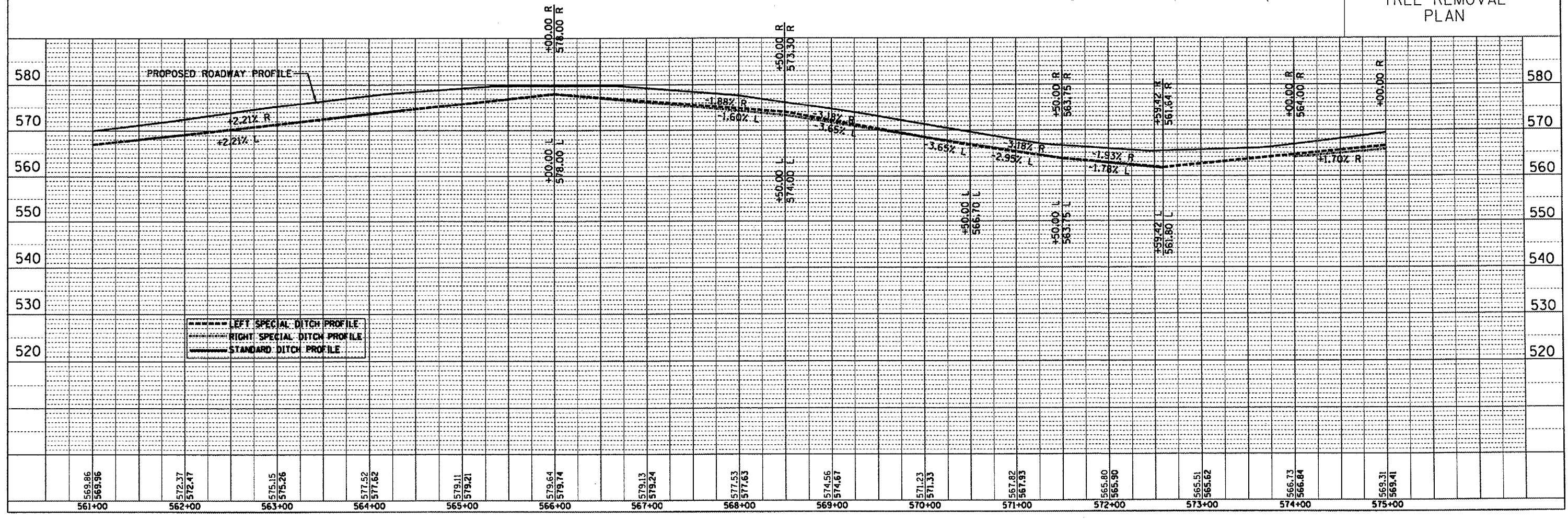


EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

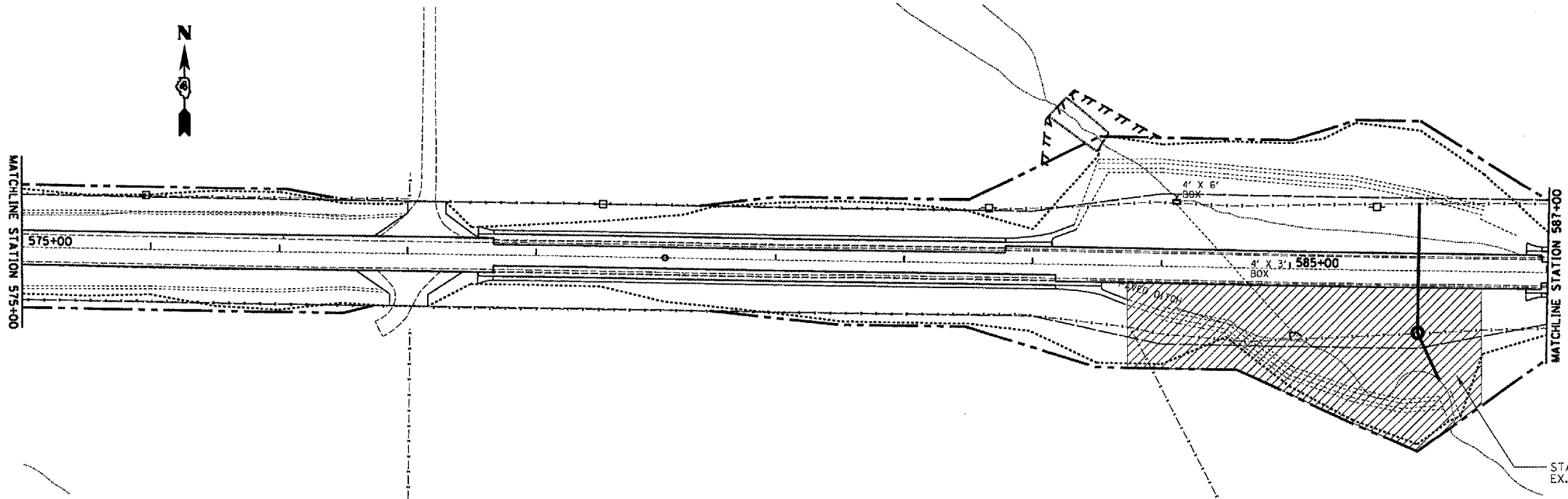
DATE	BY

PROFILE
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 CHECKED BY: _____
 GRADES CHECKED BY: _____
 STRUCTURE NOTATIONS CHECKED BY: _____
 NOTE BOOK NO.: _____



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	64
STA. 575+00.00		TO STA. 587+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		*109W-1,RS-2;110W,RS-1		

PLAN	REVISIONS	DATE
NOTE BOOK NO.	PLotted	
	BY	
	DATE	
	BY	
	DATE	

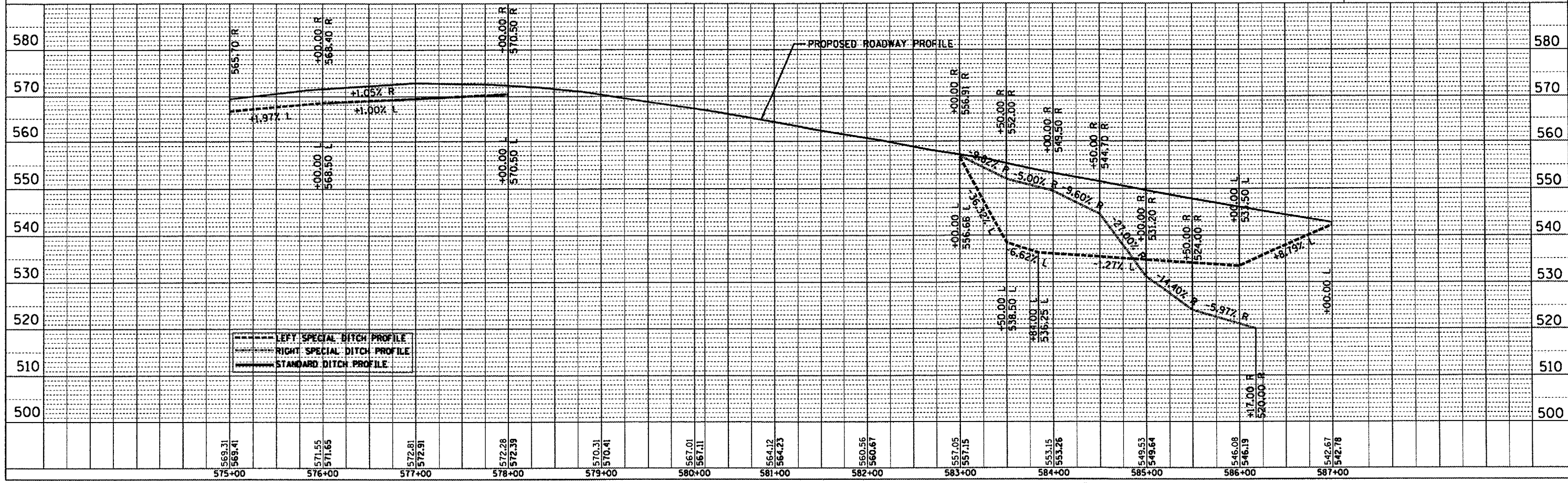


EX. TREE REMOVAL (ACRE)

STA. 583+50.00 TO STA. 586+50.00
EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

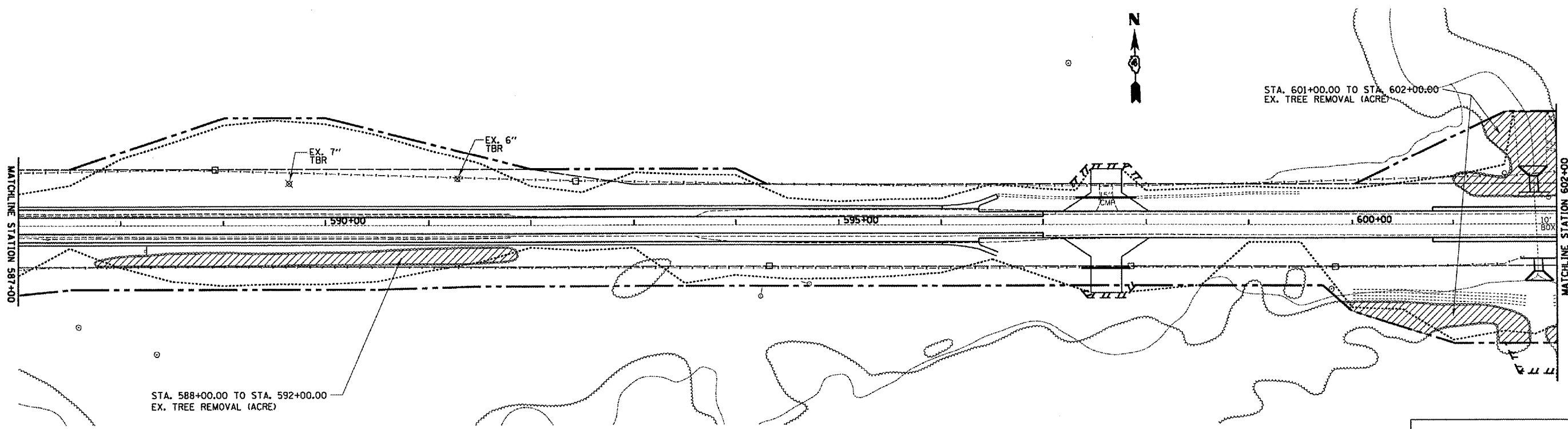
PROFILE	REVISIONS	DATE
NOTE BOOK NO.	Plotted	
	BY	
	DATE	
	BY	
	DATE	



US136SUM/PP09.DGN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
109W-1,RS-2,110W,RS-1	315	FULTON	324	65
STA. 587+00.00		TO STA. 602+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

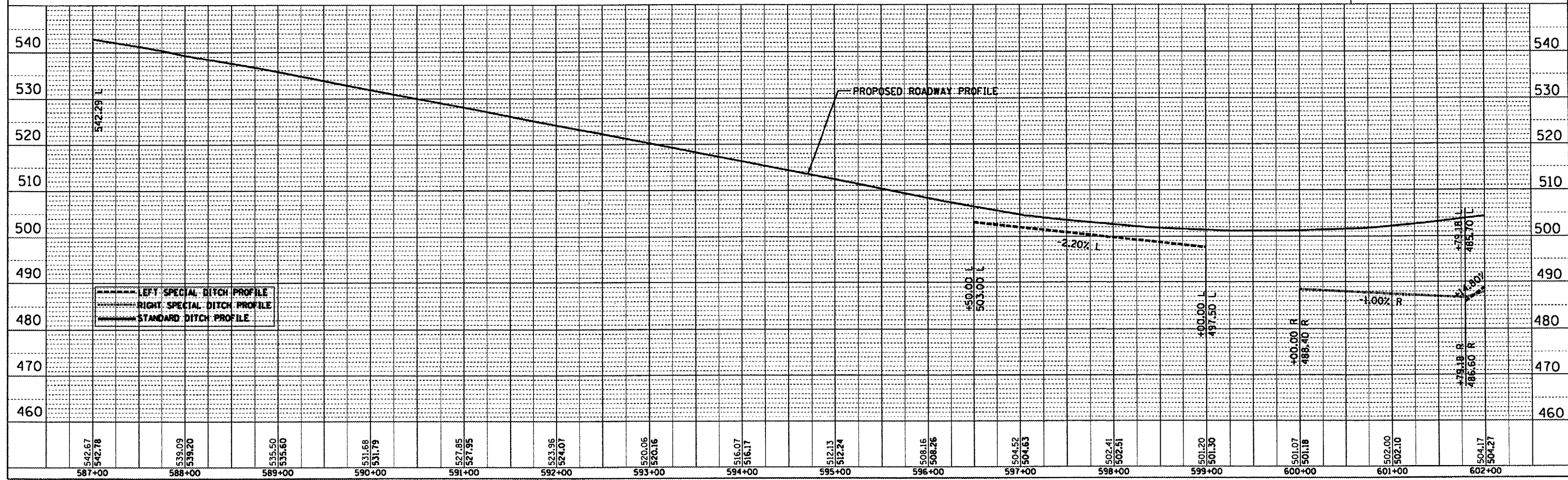
PLAN	REVISION	DATE
NOTE BOOK	ALIGNED / CHECKED	
NO.	ADD / FILE NAME	



EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

PROFILE	REVISION	DATE
NOTE BOOK	GRADES / CHECKED	
NO.	STRUCTURE / NOTATION / DPKO	



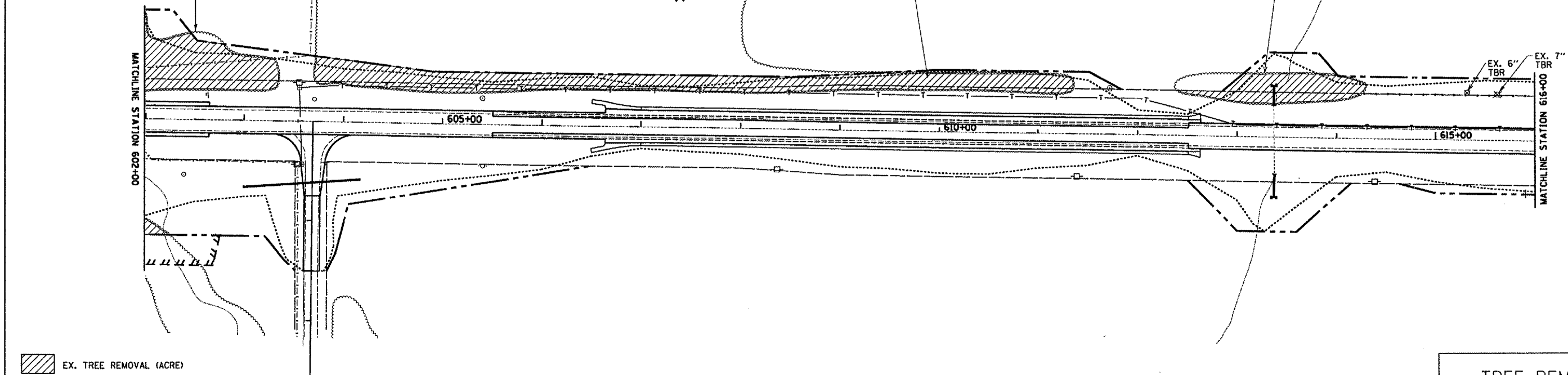
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EUILIQW	324	66
STA. 602+00.00 TO STA. 616+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2;110W,RS-1				

STA. 602+00.00 TO STA. 603+50.00
EX. TREE REMOVAL (ACRE)

STA. 603+89.00 TO STA. 611+38.00
EX. TREE REMOVAL (ACRE)

STA. 612+36.00 TO STA. 614+29.15
EX. TREE REMOVAL (ACRE)

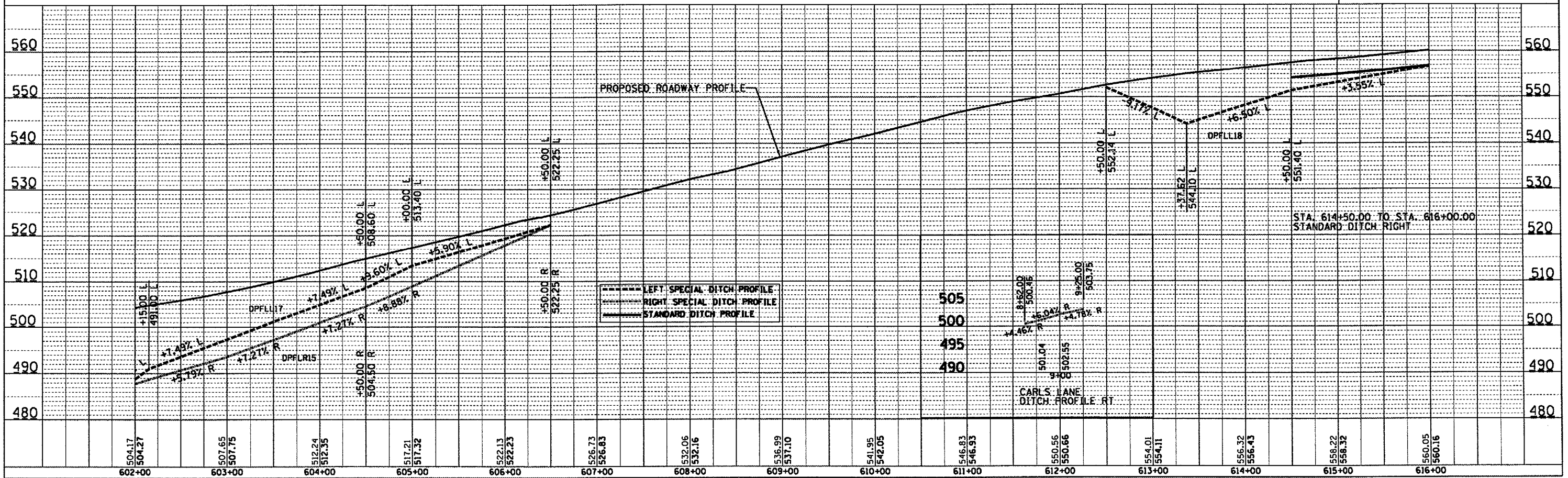
PLAN	DATE
REVISIONS	
PLotted	
NOTE BOOK	
NO.	
FILE NAME	



EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

PROFILE	DATE
REVISIONS	
PLotted	
NOTE BOOK	
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FILE NAME	

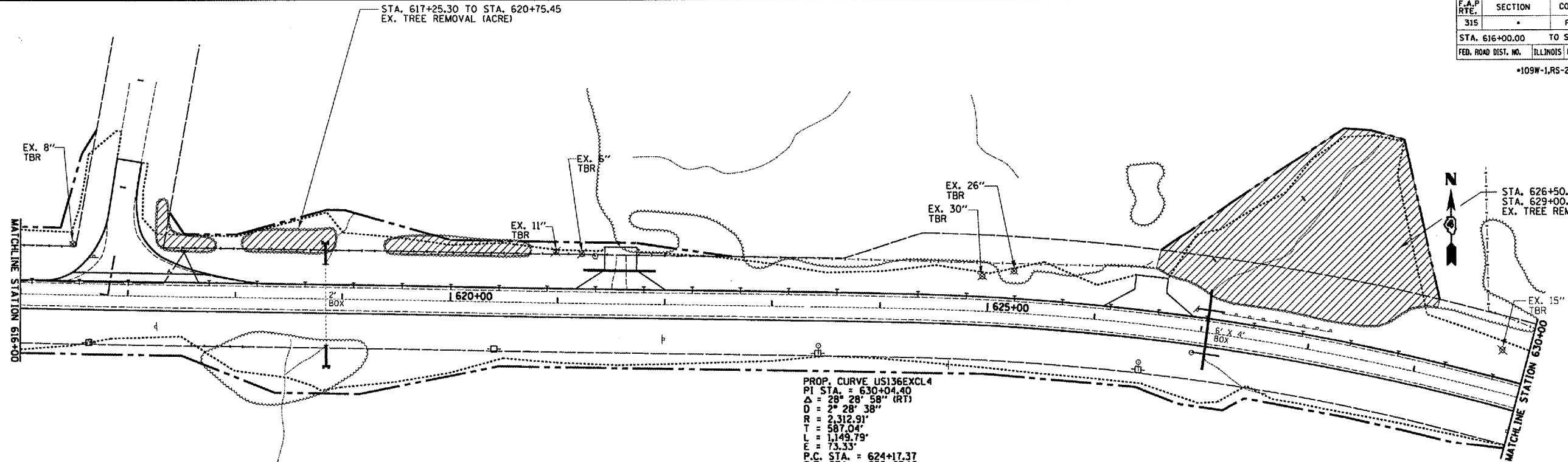


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	67
STA. 616+00.00 TO STA. 630+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2:110W,RS-1				

STA. 617+25.30 TO STA. 620+75.45
EX. TREE REMOVAL (ACRE)

STA. 626+50.00 TO STA. 629+00.00
EX. TREE REMOVAL (ACRE)

PLAN	DATE
REVISIONS	
ALIGNED	
CHECKED	
DATE FILE NAME	
NO.	

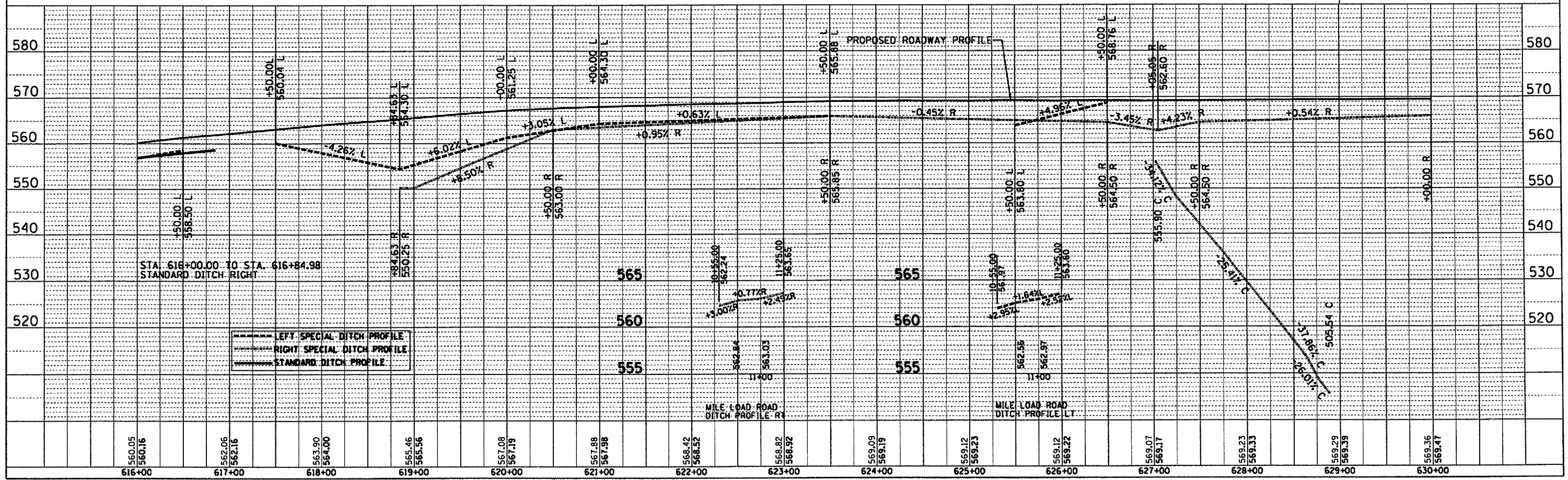


PROP. CURVE US136EXCL4
 P.I. STA. = 630+04.40
 $\Delta = 28^\circ 28' 58''$ (RT)
 $D = 2^\circ 28' 38''$
 $R = 2,312.91'$
 $T = 587.04'$
 $L = 1,149.79'$
 $E = 73.33'$
 P.C. STA. = 624+17.37
 P.T. STA. = 635+67.16
 S.E. = 2.8%
 BEGIN SUPER TRANSITION AT STA. 623+30.13
 FULL SUPER IS OBTAINED AT STA. 624+41.13
 FULL SUPER IS MAINTAINED TO STA. 635+43.40
 NORMAL CROWN IS RESUMED AT STA. 636+54.40

EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

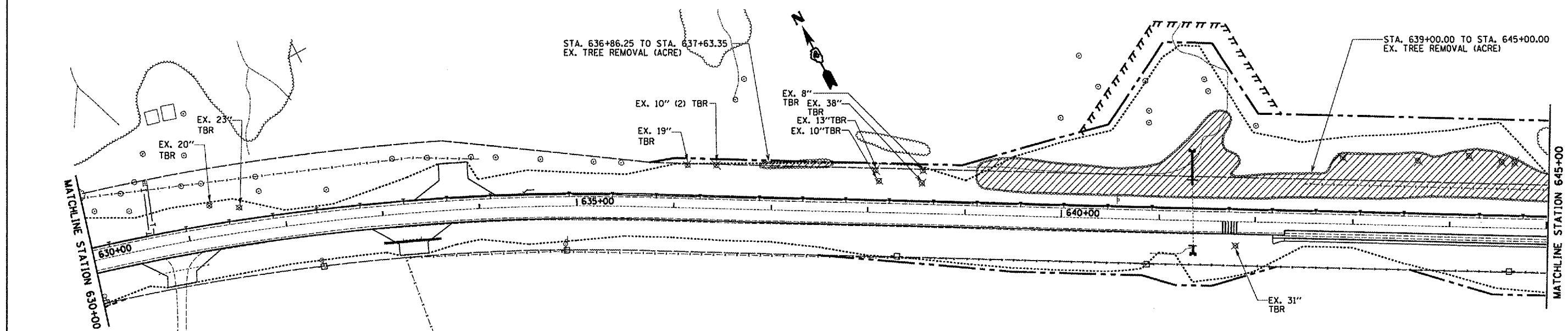
PROFILE	DATE
REVISIONS	
CHANGED	
CHECKED	
STRUCTURE NOTATIONS OK'D	
NO.	



US136SUM/PP12.DCN

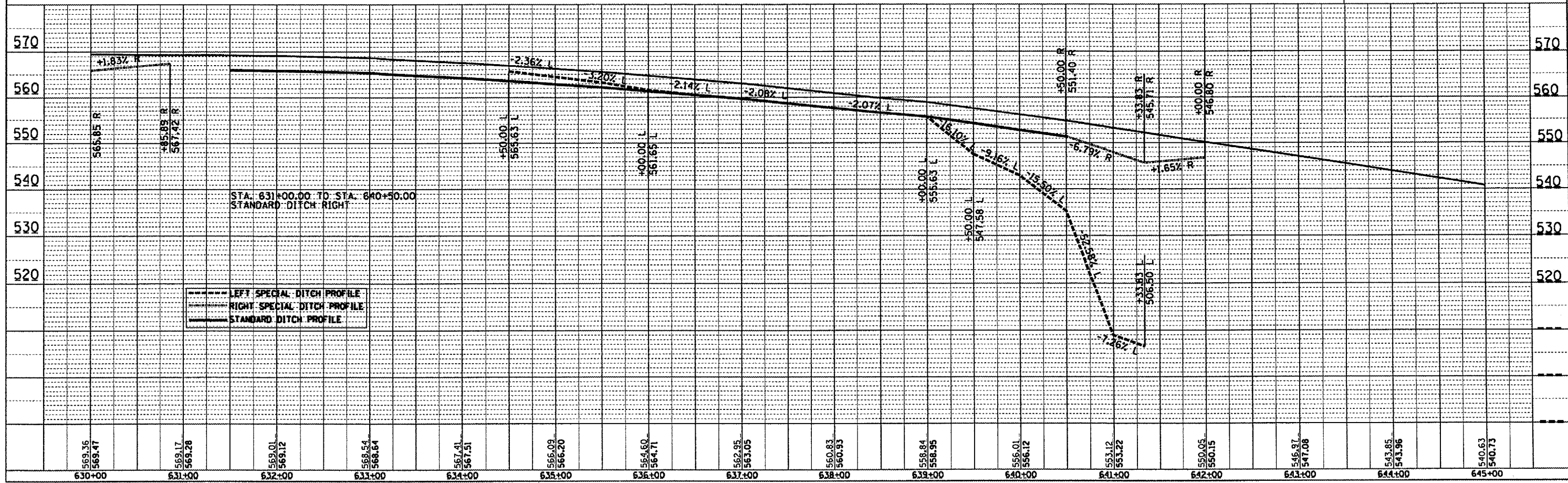
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		EULIOW	324	68
STA. 630+00.00 TO STA. 645+00.00		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2:110W,RS-1				

PLAN	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	ALIGNED TO CORRECT CAD FILE NAME
2	ADDED ROCK



TREE REMOVAL PLAN

PROFILE	DATE
BY	
REVISIONS	
NO.	DESCRIPTION
1	STRUCTURE NOTATION CHRD



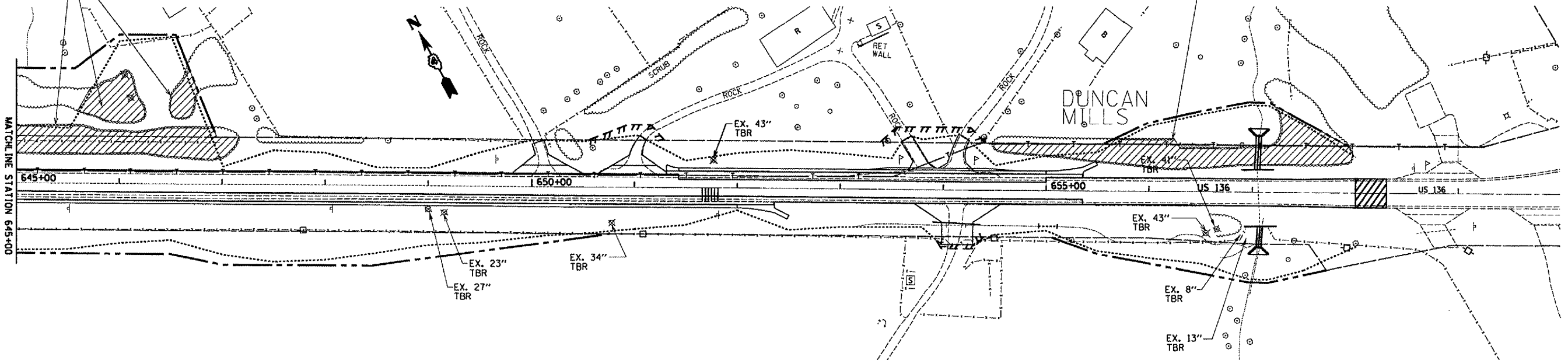
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	EVLTON	ILLINOIS	329	69
STA. 645±00.00 TO STA. 658±00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
*109W-1,RS-2110W,RS-1				

STA. 645+00.00 TO
STA. 647+00.00
EX. TREE REMOVAL (ACRE)

STA. 654+50.00 TO STA. 658+00.00
EX. TREE REMOVAL (ACRE)

DATE	BY

PLAN	REVISIONS

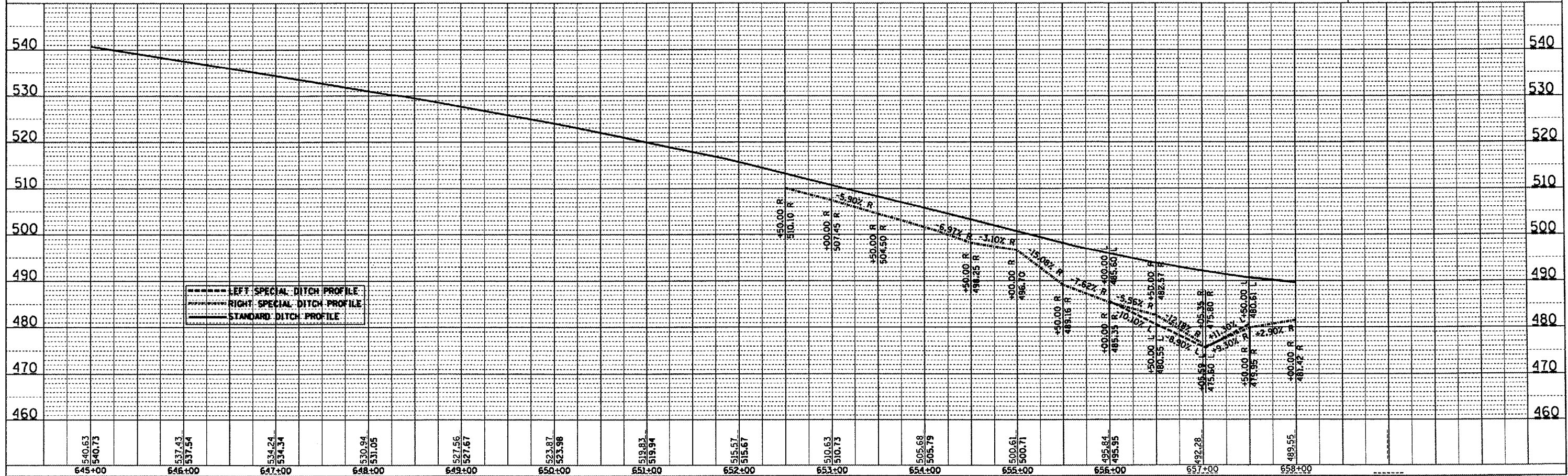


EX. TREE REMOVAL (ACRE)

TREE REMOVAL PLAN

DATE	BY

PROFILE	REVISIONS



US136SUM/PP14.DGN



T 4 N R 2 E
4th PM

LEGEND
PROPOSED RIGHT OF WAY LINE
PROPOSED TEMPORARY EASEMENT LINE
EXISTING RIGHT OF WAY LINE

- Ⓐ 509+60.00
80.00'
- Ⓑ 510+00.00
80.00'
- Ⓒ 515+10.00
60.00'
- Ⓓ 515+35.00
60.00'
- Ⓔ 525+75.00
45.00'
- Ⓕ 528+10.00
50.00'
- Ⓖ 528+90.00
40.00'

NE 1/4 SEC. 11

NW 1/4 SEC. 12

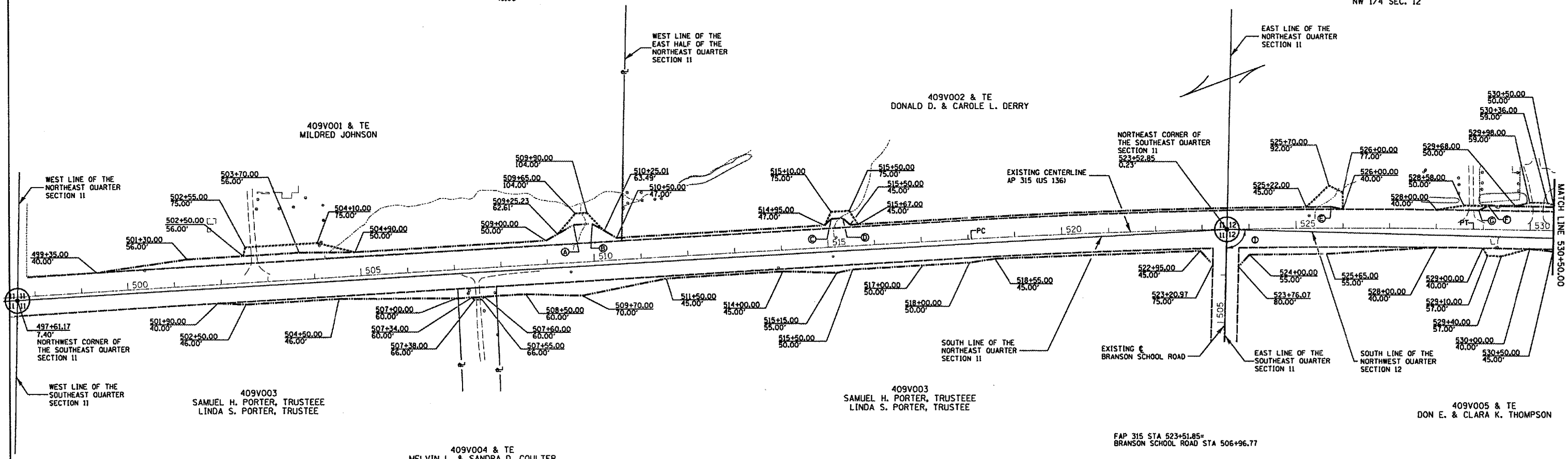
SE 1/4 SEC. 11

SW 1/4 SEC. 12

APPROVED BY _____
DISTRICT ENGINEER
DATE _____

ue24spoon
1/25/13 10:00:32
1/25/13 10:00:32
dm002316.plt

DRAWN BY _____
WRITTEN BY _____
CHECKED BY _____
INSPECTED BY _____



FAP 315 (US 136) CURVE
 PI STA. = 523+43.62
 Δ = 4° 19' 29" (RT)
 D = 0° 24' 12"
 R = 14,204.72'
 T = 536.36'
 L = 1,072.22'
 E = 10.12'
 P.C. STA. = 518+07.26
 P.T. STA. = 528+79.48

FOR OLD R.O.W. SEE:
PLANFILE 19 SHEET 09

PLAT FILE: 143
 JOB NO. R-94-009-04

RIGHT OF WAY PLANS
 FAP ROUTE 315 (US 136)

PROJECT _____ SECTION (109,110)W, RS-1
 STATION 497+61.17 TO
 STATION 530+50.00
 COUNTY FULTON

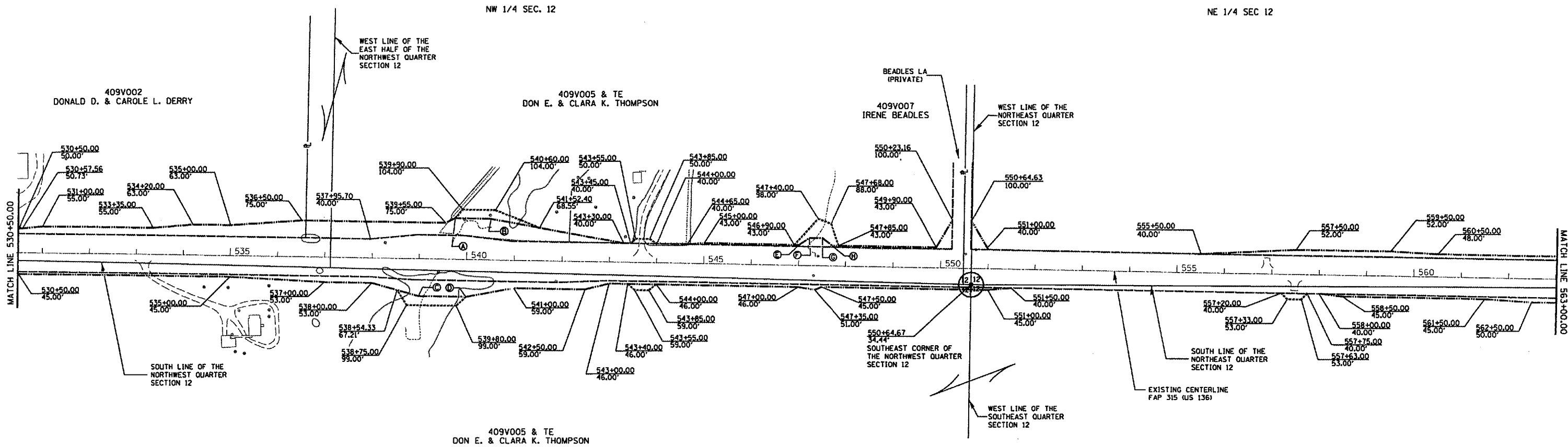
SHEET 1 OF 6



LEGEND
 PROPOSED RIGHT OF WAY LINE ————
 PROPOSED TEMPORARY EASEMENT LINE - - - - -
 EXISTING RIGHT OF WAY LINE ————

T 4 N R 2 E
4th PM

APPROVED BY _____ DISTRICT ENGINEER
 DATE _____



- Ⓐ 539+75.00
85.00'
- Ⓑ 540+50.00
85.00'
- Ⓒ 539+00.00
79.00'
- Ⓓ 540+00.00
79.00'
- Ⓔ 547+00.00
43.00'
- Ⓕ 547+22.00
58.00'
- Ⓖ 547+50.00
58.00'
- Ⓗ 547+70.00
43.00'

lus24spoon
 lus24spoon.mxd
 lus24spoon.dwg
 0m002136.dwg

DRAWN BY _____ M.A.
 WRITTEN BY _____
 CHECKED BY _____ PCF
 INSPECTED BY _____

PLAT FILE: 143
 JOB NO. R-94-009-04

RIGHT OF WAY PLANS	
FAP ROUTE 315 (US 136)	
PROJECT _____	SECTION (109,110)W, RS-1
STATION _____	530+50.00 TO _____
STATION _____	563+00.00
COUNTY _____	FULTON
SHEET 2 OF 6	

FOR OLD R.O.W. SEE:
 PLANFILE 19 SHEET 9



LEGEND
 PROPOSED RIGHT OF WAY LINE ————
 PROPOSED TEMPORARY EASEMENT LINE - - - - -
 EXISTING RIGHT OF WAY LINE ————

T 4 N R 2 E
4th PM

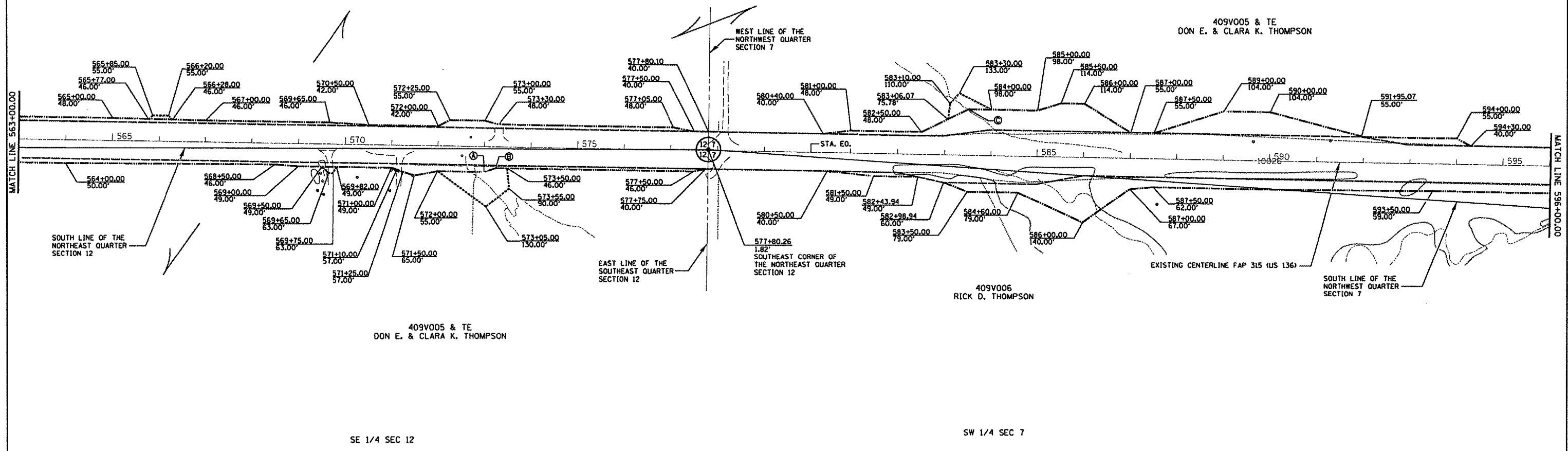
T 4 N R 3 E
4th PM

APPROVED BY _____ DISTRICT ENGINEER
DATE _____

- Ⓐ 573+00.00
55.00'
- Ⓑ 573+25.00
46.00'
- Ⓒ 583+50.00
98.00'

NE 1/4 SEC 12

NW 1/4 SEC 7



us24spoon
us24spoon.m32
job136.gpk
dm002136.lpf

DRAWN BY _____ M.L.A.
WRITTEN BY _____
CHECKED BY _____ PCF
INSPECTED BY _____

STATION EQUATION:
STA 580+00.00 BK =
STA 580+13.79 AH

PLAT FILE: 143
JOB NO. R-94-009-04

RIGHT OF WAY PLANS
FAP ROUTE 315 (US 136)

PROJECT _____ SECTION (109,110)W, RS-1
STATION 563+00.00 TO
STATION 596+00.00
COUNTY FULTON

SHEET 3 OF 6

FOR OLD R.O.W. SEE:
PLANFILE 19 SHEETS: 9 & 11

Cont. 88518
73/324

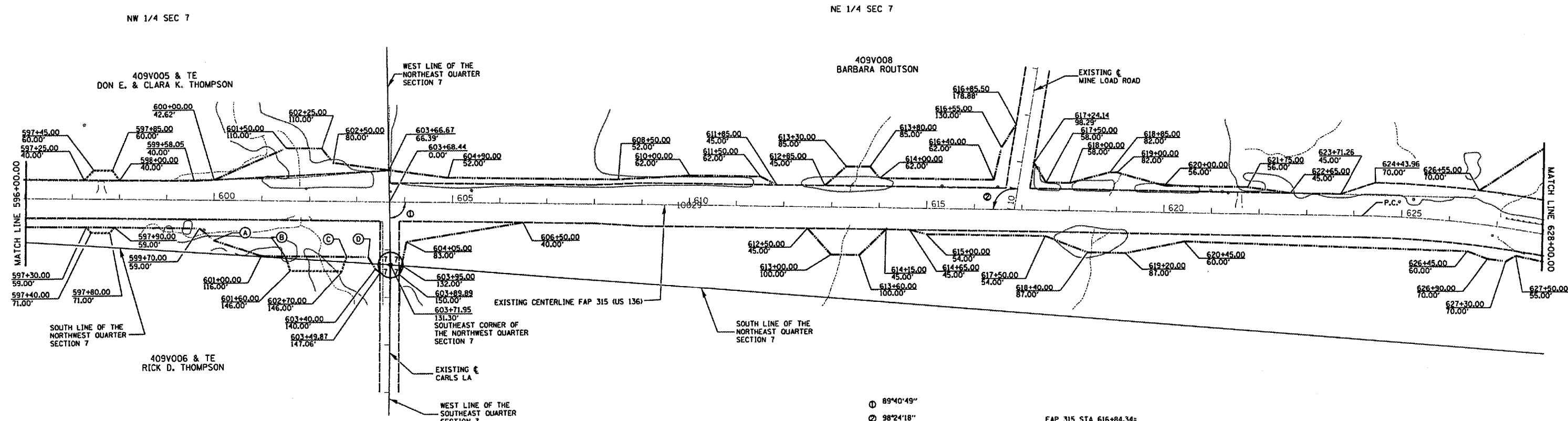


FAP 315 (IL 136) CURVE
PI STA. = 630+04.40
 $\Delta = 28^\circ 28' 58''$ (RT)
D = 2° 28' 38"
R = 2,312.91'
T = 587.04'
L = 1,149.79'
E = 73.33'
P.C. STA. = 624+17.36
P.T. STA. = 635+67.16

LEGEND
 PROPOSED RIGHT OF WAY LINE ————
 PROPOSED TEMPORARY EASEMENT LINE - - - -
 EXISTING RIGHT OF WAY LINE ————

T 4 N R 3 E
4th PM

APPROVED BY _____ DISTRICT ENGINEER
DATE _____



- (A) 600+00.00
84.00'
- (B) 601+50.00
116.0000'
- (C) 602+80.00
116.00'
- (D) 603+25.00
116.00'

FAP 315 (US 136) STA 603+69.05 =
CARLS LANE STA 10+00.00

FAP 315 STA 616+84.34 =
MINELOAD ROAD STA. 10+00.00

us24spoon
us24spoon.m32
job136.dpk
dmb002136.lpf

DRAWN BY _____ M.L.A.
WRITTEN BY _____
CHECKED BY _____ P.C.F.
INSPECTED BY _____

PLAT FILE: 143
JOB NO. R-94-009-04

RIGHT OF WAY PLANS	
FAP ROUTE 315 (US 136)	
PROJECT _____	SECTION (109,110)W, RS-1
STATION _____	596+00.00 TO 628+00.00
COUNTY _____	FULTON
SHEET 4 OF 6	

FOR OLD R.O.W. SEE:
PLANFILE 19 SHEET 11



LEGEND

PROPOSED RIGHT OF WAY LINE ————

PROPOSED TEMPORARY EASEMENT LINE - - - - -

EXISTING RIGHT OF WAY LINE ————

T 4 N R 3 E
4th PM

NE 1/4 SEC 7

NW 1/4 SEC 8

409V008
BARBARA RUTSON

SOUTH LINE OF THE
NORTHWEST QUARTER
SECTION 8

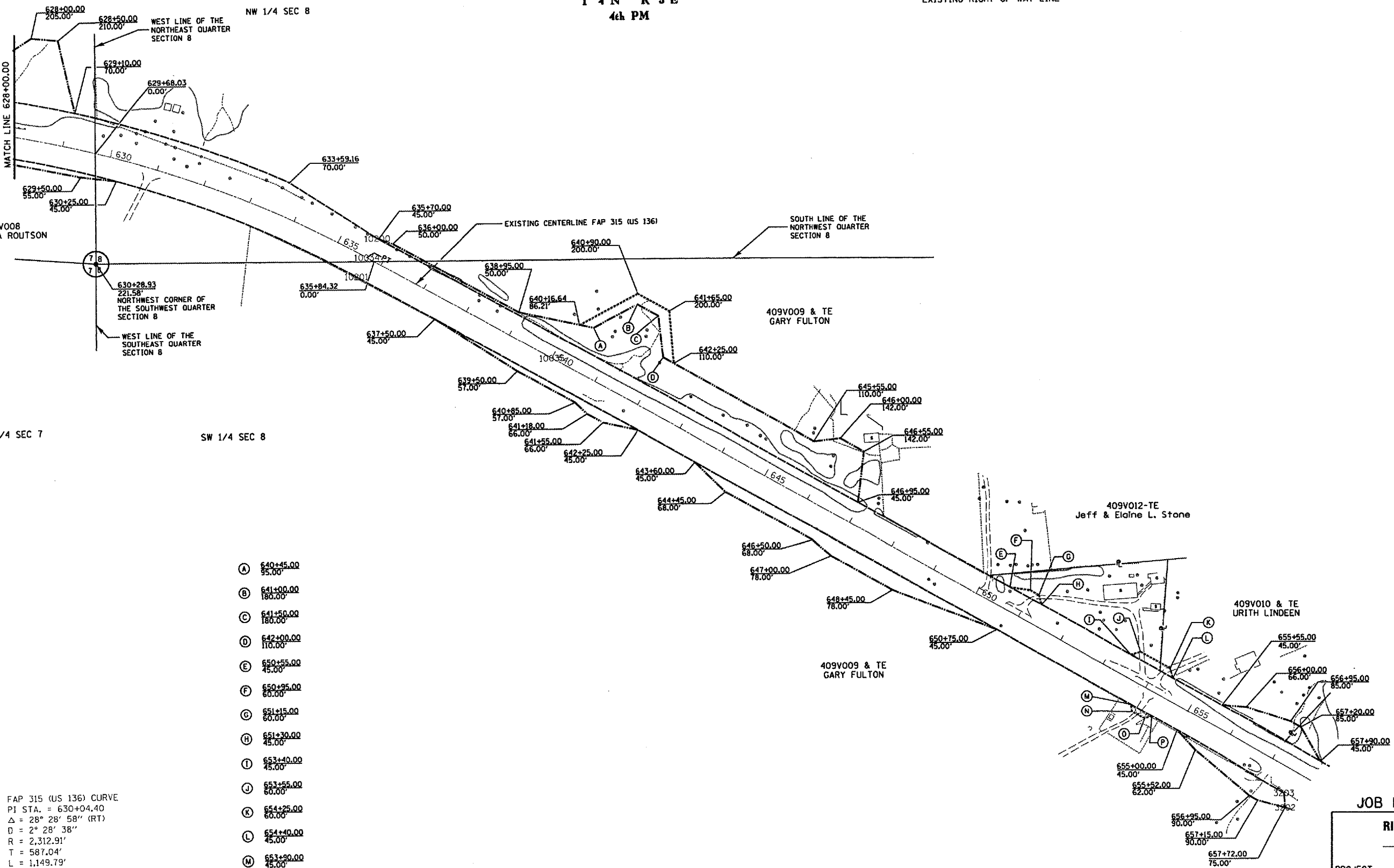
409V009 & TE
GARY FULTON

409V012-TE
Jeff & Elaine L. Stone

409V010 & TE
URITH LINDEEN

409V009 & TE
GARY FULTON

409V011
NELLIE FOOTS, LIFE ESTATE
JUDITH L. GORSUCH, 1/2 INT.
JANET FOOTS, 1/2 INT.



- (A) 640+45.00
95.00'
- (B) 641+00.00
180.00'
- (C) 641+50.00
180.00'
- (D) 642+00.00
110.00'
- (E) 650+55.00
45.00'
- (F) 650+95.00
80.00'
- (G) 651+15.00
60.00'
- (H) 651+30.00
45.00'
- (I) 653+40.00
45.00'
- (J) 653+55.00
80.00'
- (K) 654+25.00
60.00'
- (L) 654+40.00
45.00'
- (M) 653+30.00
45.00'
- (N) 654+00.00
57.00'
- (O) 654+30.00
57.00'
- (P) 654+40.00
45.00'

FAP 315 (US 136) CURVE
 PI STA. = 630+04.40
 $\Delta = 28^\circ 28' 58''$ (RT)
 $D = 2^\circ 28' 38''$
 $R = 2,312.91'$
 $T = 587.04'$
 $L = 1,149.79'$
 $E = 73.33'$
 P.C. STA. = 624+17.36
 P.T. STA. = 635+67.16

APPROVED BY _____ DISTRICT ENGINEER
 DATE _____

us24snoon
 Job: 136.m32
 Job: 136.gpk
 dmc002136.plt

DRAWN BY _____ M.L.A.
 WRITTEN BY _____
 CHECKED BY _____ PCF
 INSPECTED BY _____

FOR OLD R.O.W. SEE
 PLANFILE 19 SHEET 11

PLAT FILE: 143
JOB NO. R-94-009-04

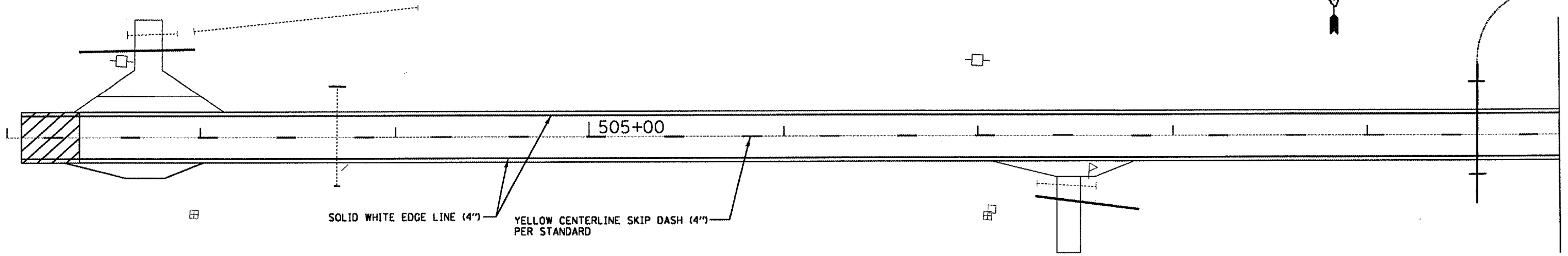
RIGHT OF WAY PLANS
FAP ROUTE 315 (US 136)

PROJECT _____ SECTION (109,110)W, RS-1
 STATION 628+00.00 TO
 STATION 657+90.00
 COUNTY FULTON

SHEET 5 OF 6

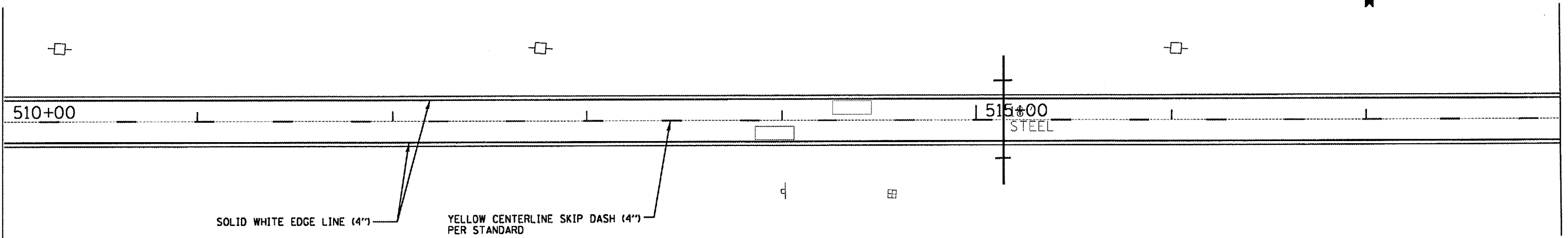
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	75
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1



SOLID WHITE EDGE LINE (4")
 YELLOW CENTERLINE SKIP DASH (4")
 PER STANDARD

CONTRACTOR SHALL FIELD VERIFY EXISTING
 PAVEMENT MARKINGS PRIOR TO COLDMILLING
 RAISED REFLECTIVE PAVEMENT MARKERS
 NOT SHOWN. SEE STANDARD

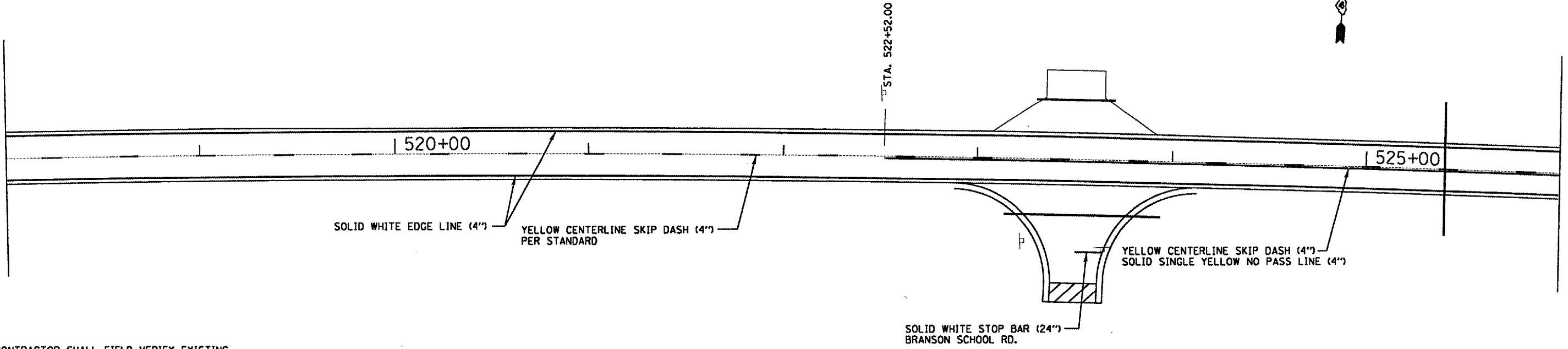


SOLID WHITE EDGE LINE (4")
 YELLOW CENTERLINE SKIP DASH (4")
 PER STANDARD

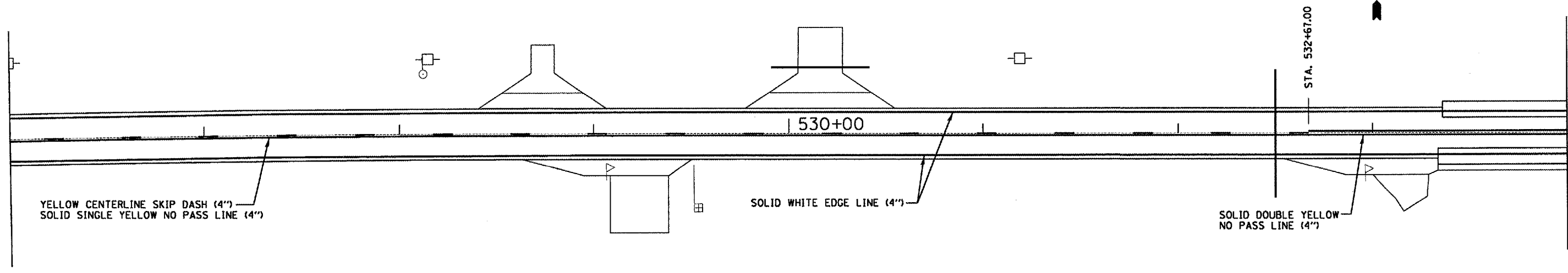
PAVEMENT MARKING PLAN
 STA. 502+30 TO STA. 518+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	76

STA.	TO STA.
FED. ROAD DIST. NO. 4	ILLINOIS FED. AID PROJECT
*109W-1,RS-2;110W,RS-1	



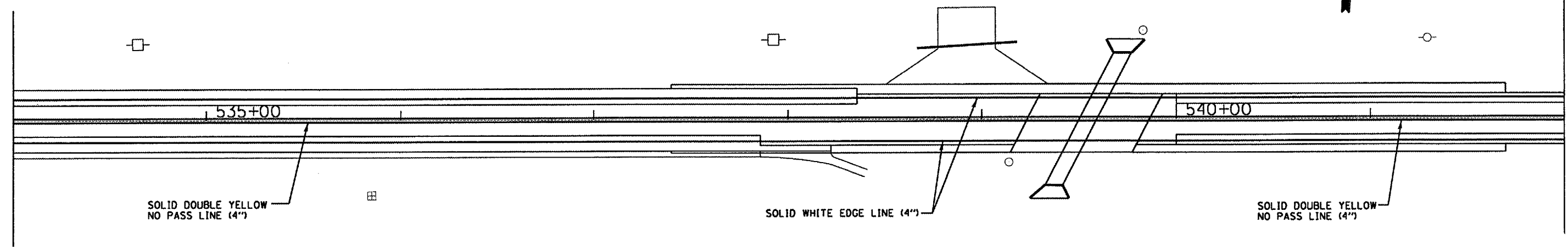
CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT MARKINGS PRIOR TO COLDMILLING
 RAISED REFLECTIVE PAVEMENT MARKERS NOT SHOWN, SEE STANDARD



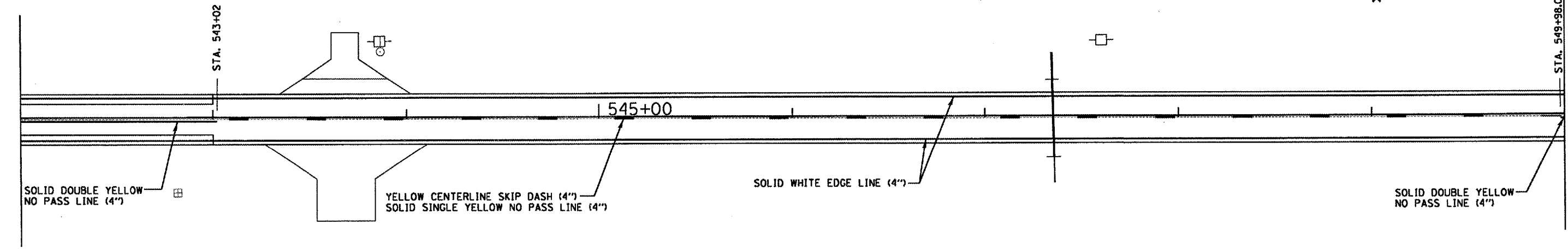
PAVEMENT MARKING PLAN
 STA. 518+00 TO STA. 534+00

PLOT DATE = 8/28/2007
 FILE NAME = c:\prow\proj\136sum\136pavmark.dgn
 PLOT SCALE = 5/8"=1' IN.
 USER NAME = mbrndc

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	77
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				



CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT MARKINGS PRIOR TO COLDMILLING
 RAISED REFLECTIVE PAVEMENT MARKERS NOT SHOWN. SEE STANDARD

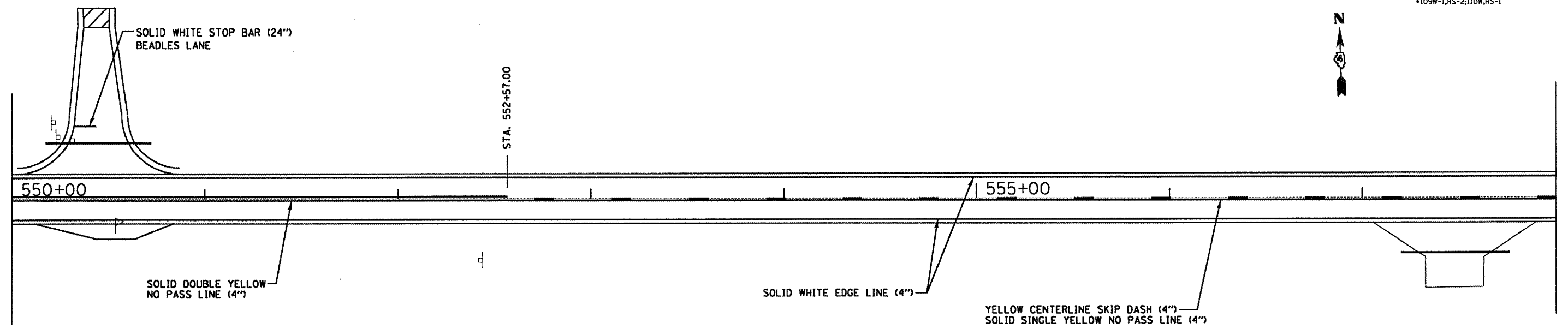


PAVEMENT MARKING PLAN
 STA. 534+00 TO STA. 550+00

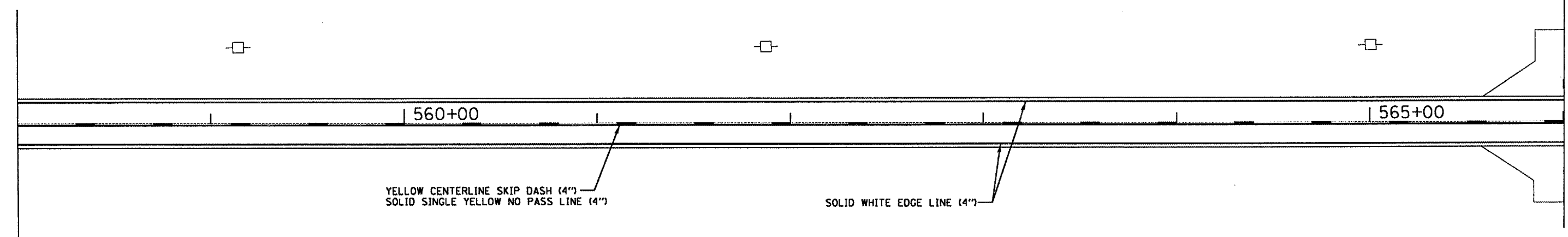
PLOT DATE = 8/26/2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshaharade

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	78
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT

*109W-1,RS-2;110W,RS-1



CONTRACTOR SHALL FIELD VERIFY EXISTING
PAVEMENT MARKINGS PRIOR TO COLDMILLING
RAISED REFLECTIVE PAVEMENT MARKERS
NOT SHOWN, SEE STANDARD

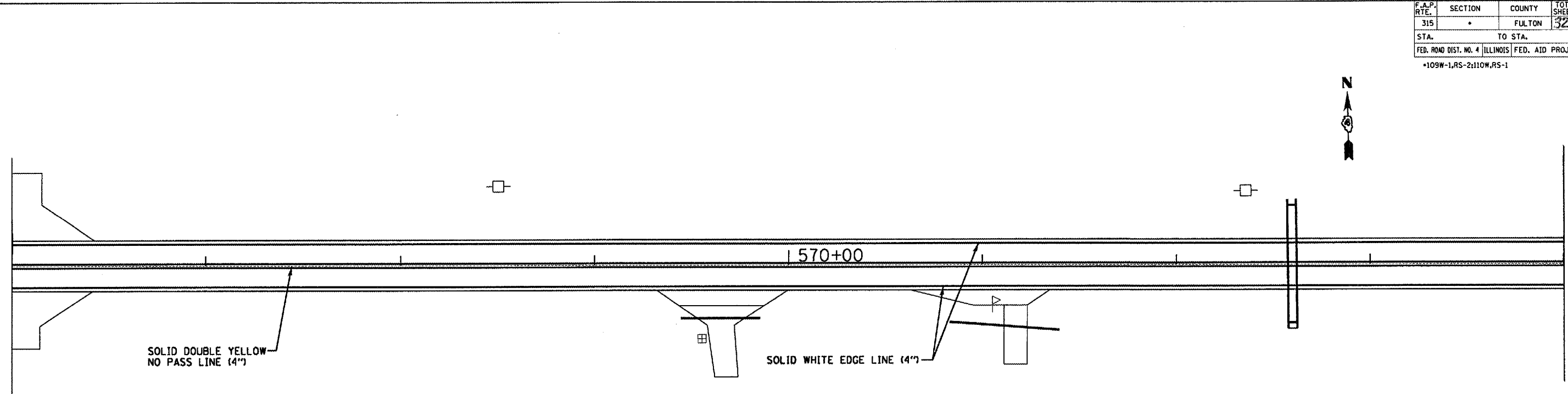


PAVEMENT MARKING PLAN
STA. 550+00 TO STA. 566+00

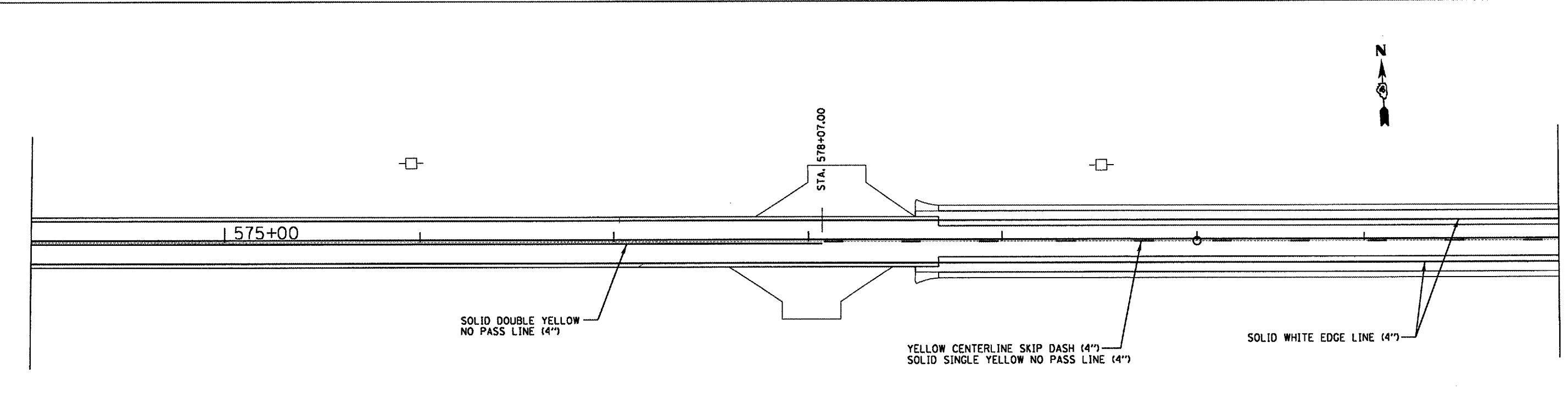
PLT DATE = 8/26/2007
 USER = msh
 USER NAME = msh

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	79
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1



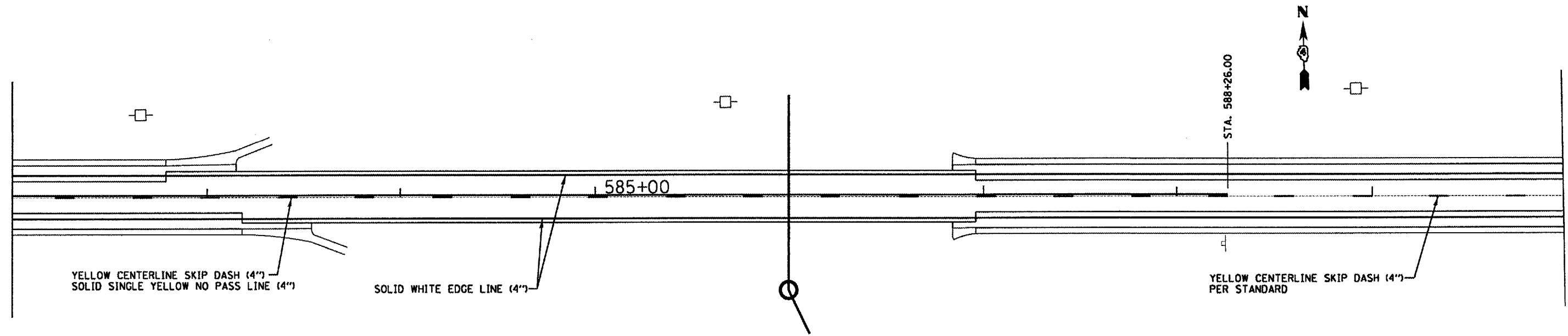
CONTRACTOR SHALL FIELD VERIFY EXISTING
PAVEMENT MARKINGS PRIOR TO COLDMILLING
RAISED REFLECTIVE PAVEMENT MARKERS
NOT SHOWN, SEE STANDARD



PAVEMENT MARKING PLAN
STA. 566+00 TO STA. 582+00

PLOT DATE = 8/28/2007
PLOT SCALE = 1/4" = 100'
USER NAME = msharada

CONTRACT NO. 88518				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	80
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				

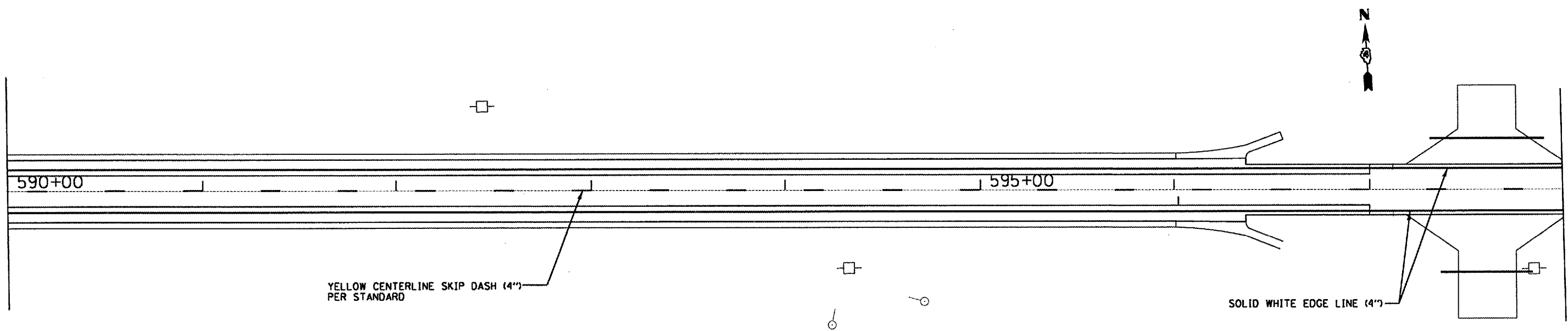


YELLOW CENTERLINE SKIP DASH (4")
SOLID SINGLE YELLOW NO PASS LINE (4")

SOLID WHITE EDGE LINE (4")

YELLOW CENTERLINE SKIP DASH (4")
PER STANDARD

CONTRACTOR SHALL FIELD VERIFY EXISTING
PAVEMENT MARKINGS PRIOR TO COLDMILLING
RAISED REFLECTIVE PAVEMENT MARKERS
NOT SHOWN. SEE STANDARD



YELLOW CENTERLINE SKIP DASH (4")
PER STANDARD

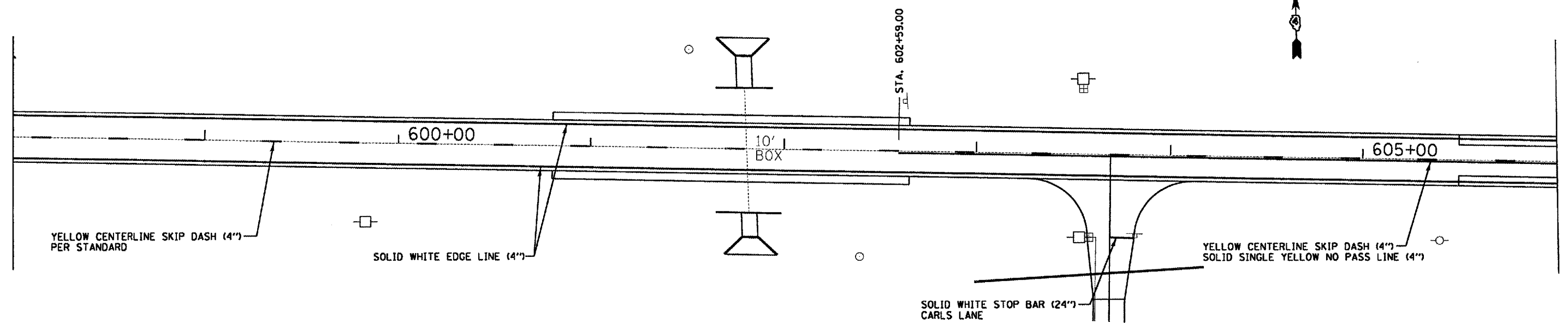
SOLID WHITE EDGE LINE (4")

PAVEMENT MARKING PLAN
STA. 582+00 TO STA. 598+00

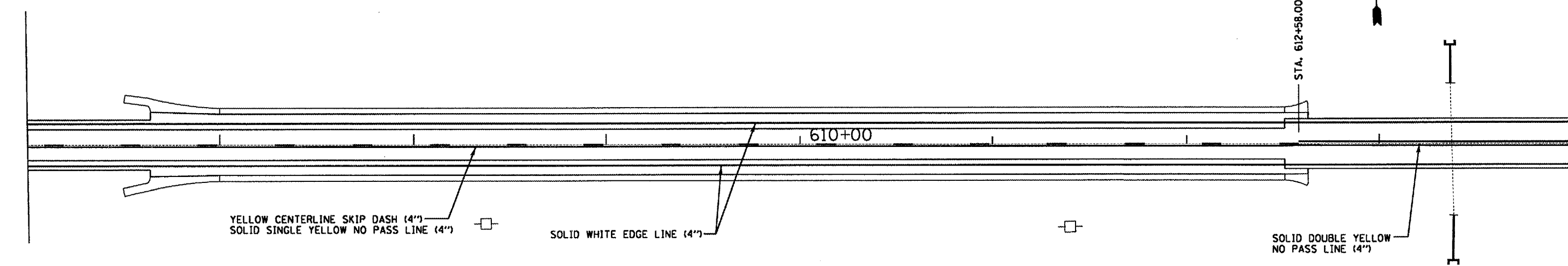
PLOT DATE = 8/28/2007
FILE NAME = \\s136\un\136\pav\136pavmark.dwg
PLOT SCALE = 54.8'30" / IN.
USER NAME = markhardie

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	81
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT

*109W-1,RS-2;110W,RS-1



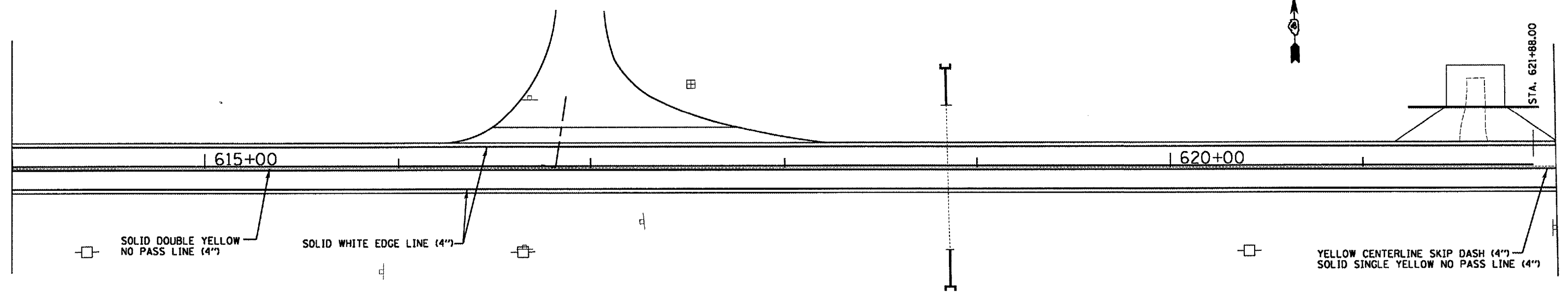
CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT MARKINGS PRIOR TO COLDMILLING
 RAISED REFLECTIVE PAVEMENT MARKERS NOT SHOWN. SEE STANDARD



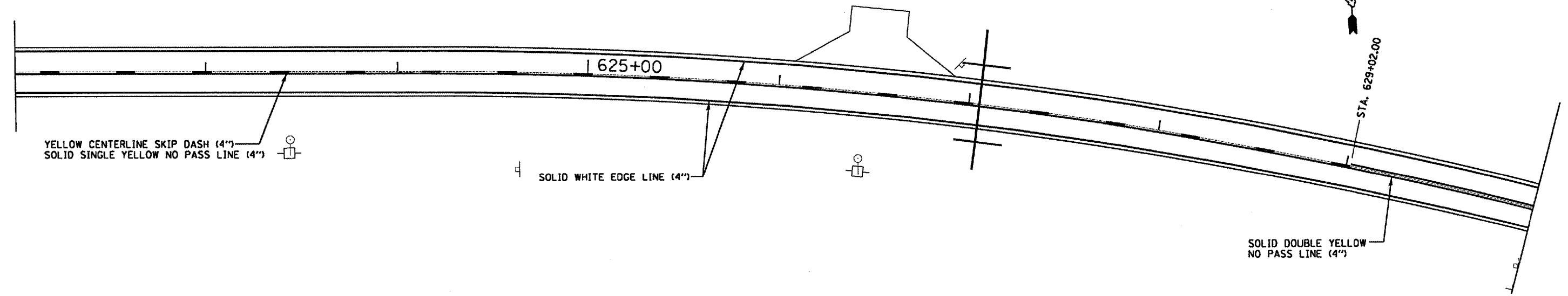
PAVEMENT MARKING PLAN
 STA. 598+00 TO STA. 614+00

PLT DATE = 8/26/2007
 PLOT SCALE = 1"=40'
 USER NAME = mshaharide

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	329	82
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				



CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT MARKINGS PRIOR TO COLDMILLING
 RAISED REFLECTIVE PAVEMENT MARKERS NOT SHOWN. SEE STANDARD



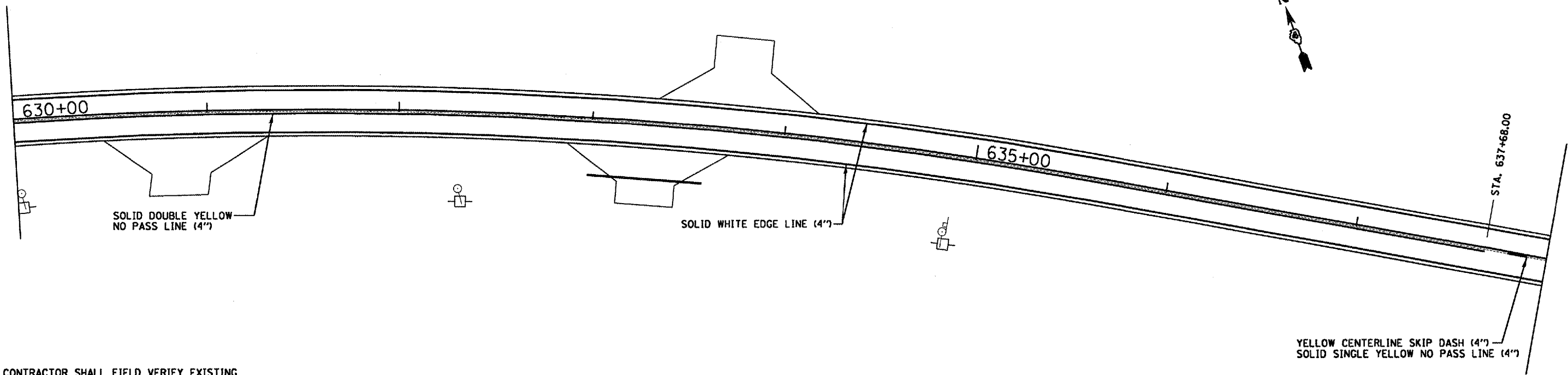
PAVEMENT MARKING PLAN
 STA. 614+00 TO STA. 630+00

PLOT DATE = 8/26/2007
 PLOT SCALE = 5/8"=1'-0"
 USER NAME = msuhayr@cb

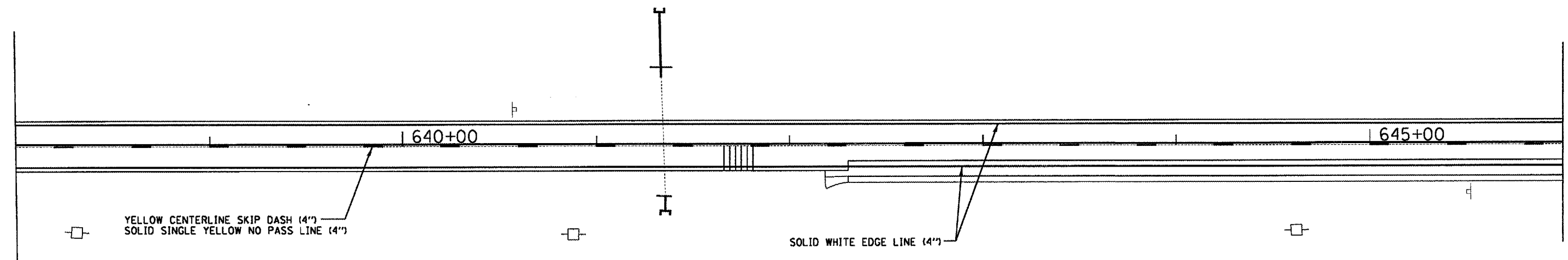
CONTRACT NO. 88518

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	83
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT

*109W-1,RS-2;110W,RS-1



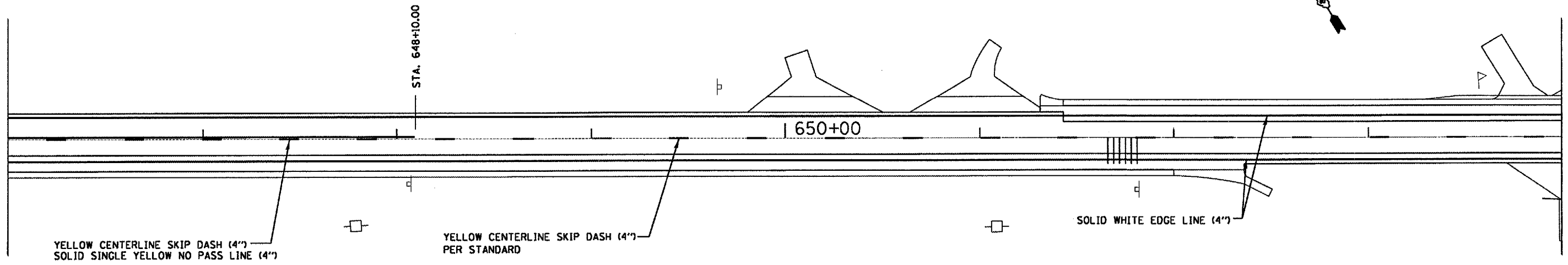
CONTRACTOR SHALL FIELD VERIFY EXISTING
PAVEMENT MARKINGS PRIOR TO COLD MILLING
RAISED REFLECTIVE PAVEMENT MARKERS
NOT SHOWN. SEE STANDARD



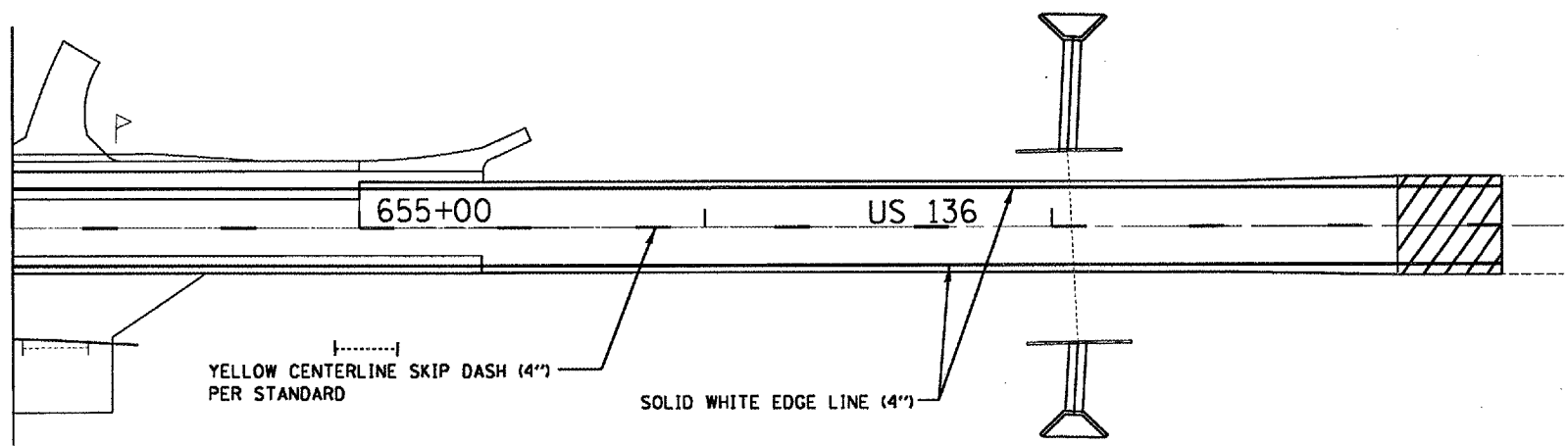
PAVEMENT MARKING PLAN
STA. 630+00 TO STA. 646+00

PLOT DATE = 8/28/2007
PLOT SCALE = 1/4" = 100'
USER NAME = mshaharide

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	84
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
*109W-1,RS-2;110W,RS-1				



CONTRACTOR SHALL FIELD VERIFY EXISTING PAVEMENT MARKINGS PRIOR TO COLDMILLING
 RAISED REFLECTIVE PAVEMENT MARKERS NOT SHOWN. SEE STANDARD



PAVEMENT MARKING PLAN
 STA. 646+00 TO STA. 658+30

PLOT DATE * 8/25/2007
 FILE NAME * s:\highways\unit324\unit324plan\unit324plan.dwg
 PLOT SCALE * 1/8"=1'-0"
 USER NAME * shahin@cdm.com

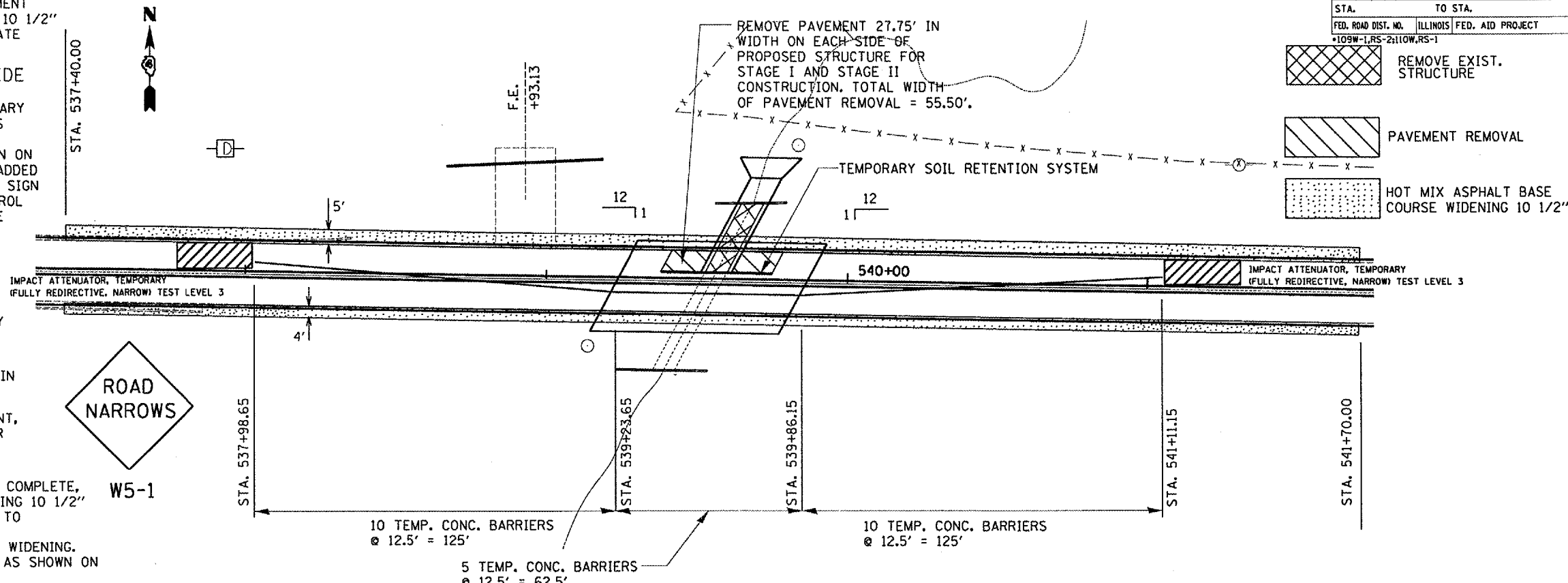
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	85
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
*109W-1.RS-2:110W.RS-1				

PRIOR TO STAGE I CONSTRUCTION

REPLACE 3' AGGREGATE SHOULDER ON RT EDGE OF PAVEMENT WITH 4' WIDE HOT MIX ASPHALT BASE COURSE WIDENING TO 1/2" FROM STA. 537+40.00 TO STA. 541+70.00 TO ACCOMMODATE STAGE I TRAFFIC

STAGE I CONSTRUCTION OF NORTH SIDE

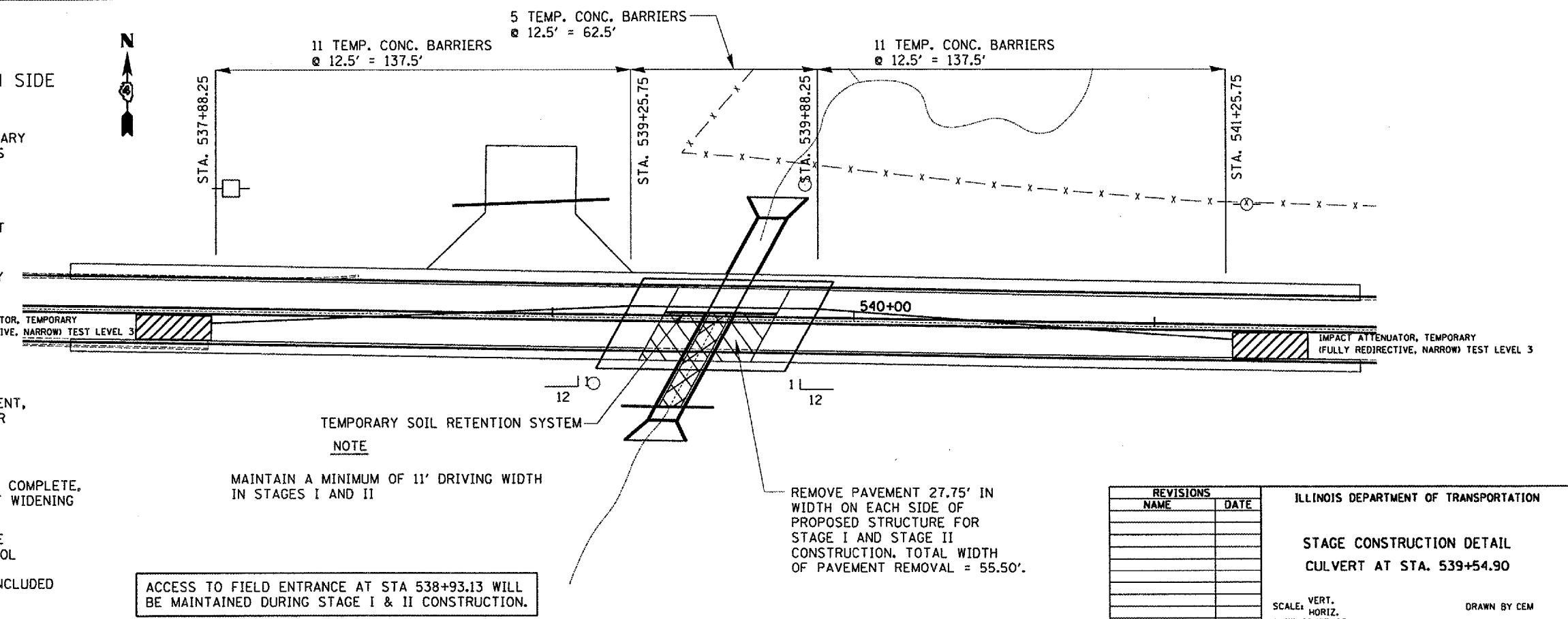
1. INSTALL BARRICADE SIGNS, TRAFFIC SIGNALS, TEMPORARY MARKINGS AND ALL OTHER TRAFFIC CONTROL ITEMS AS DETAILED ON TRAFFIC CONTROL AND PROTECTION STANDARD 701321. IN ADDITION TO THE SIGNING SHOWN ON STANDARD 701321, A "ROAD NARROWS" SIGN WILL BE ADDED TO THE STANDARD. THE LOCATION OF THE ADDITIONAL SIGN WILL BE DETERMINED BY THE DISTRICT TRAFFIC CONTROL TECHNICIAN. THE FABRICATION AND PLACEMENT OF THE ADDITIONAL SIGN WILL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION 701321 PAY ITEM.
2. PLACE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS AS SHOWN
3. CONSTRUCT PROPOSED DITCH ON LT SIDE OF ROADWAY AS SHOWN ON PLAN AND PROFILE SHEET AND CROSS SECTIONS
4. REMOVE LT SIDE OF EXISTING STRUCTURE AS SHOWN IN STAGE I REMOVAL ON CULVERT STRUCTURE PLANS
5. DURING STAGE I CONSTRUCTION, STRUCTURE PLACEMENT, PCC BASE COURSE TO 1/2" PLACEMENT AND ALL OTHER COLLATERAL WORK SHALL BE COMPLETED FOR THE LT SIDE OF THE ROADWAY ONLY
6. AFTER STRUCTURE AND PCC BASE COURSE TO 1/2" IS COMPLETE, PLACE 5' WIDE HOT MIX ASPHALT BASE COURSE WIDENING TO 1/2" ON THE LT EDGE OF PAVEMENT FROM STA. 537+40.00 TO STA. 541+70.00 TO ACCOMMODATE STAGE II TRAFFIC. PLACE AGGREGATE SHOULDERS TYPE B ON LT EDGE OF WIDENING. RECONSTRUCT FIELD ENTRANCE AT LT STA. 538+93.13 AS SHOWN ON CROSS SECTIONS AND RURAL ENTRANCE DETAIL



	REMOVE EXIST. STRUCTURE
	PAVEMENT REMOVAL
	HOT MIX ASPHALT BASE COURSE WIDENING TO 1/2"

STAGE II CONSTRUCTION OF THE SOUTH SIDE

1. INSTALL BARRICADE SIGNS, TRAFFIC SIGNALS, TEMPORARY MARKINGS AND ALL OTHER TRAFFIC CONTROL ITEMS AS DETAILED ON TRAFFIC CONTROL AND PROTECTION STANDARD 701321
2. RELOCATE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS AS SHOWN
3. CONSTRUCT PROPOSED DITCH ON RT SIDE OF ROADWAY AS SHOWN ON PLAN AND PROFILE SHEET AND CROSS SECTIONS
4. REMOVE RT SIDE OF EXISTING STRUCTURE AS SHOWN IN STAGE II REMOVAL ON CULVERT STRUCTURE PLANS
5. DURING STAGE II CONSTRUCTION, STRUCTURE PLACEMENT, PCC BASE COURSE TO 1/2" PLACEMENT AND ALL OTHER COLLATERAL WORK SHALL BE COMPLETED FOR THE RT SIDE OF THE ROADWAY
6. AFTER STRUCTURE AND PCC BASE COURSE TO 1/2" IS COMPLETE, PLACE AGGREGATE SHOULDERS TYPE B ON RT EDGE OF WIDENING
7. AFTER STAGE II CONSTRUCTION IS COMPLETE, REMOVE TRAFFIC CONTROL ITEMS INCLUDED IN TRAFFIC CONTROL AND PROTECTION STANDARD 701321 AND THIS DETAIL. REMOVAL COST OF ALL TRAFFIC CONTROL ITEMS IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION STANDARD 701321



ACCESS TO FIELD ENTRANCE AT STA 538+93.13 WILL BE MAINTAINED DURING STAGE I & II CONSTRUCTION.

REMOVE PAVEMENT 27.75' IN WIDTH ON EACH SIDE OF PROPOSED STRUCTURE FOR STAGE I AND STAGE II CONSTRUCTION. TOTAL WIDTH OF PAVEMENT REMOVAL = 55.50'.

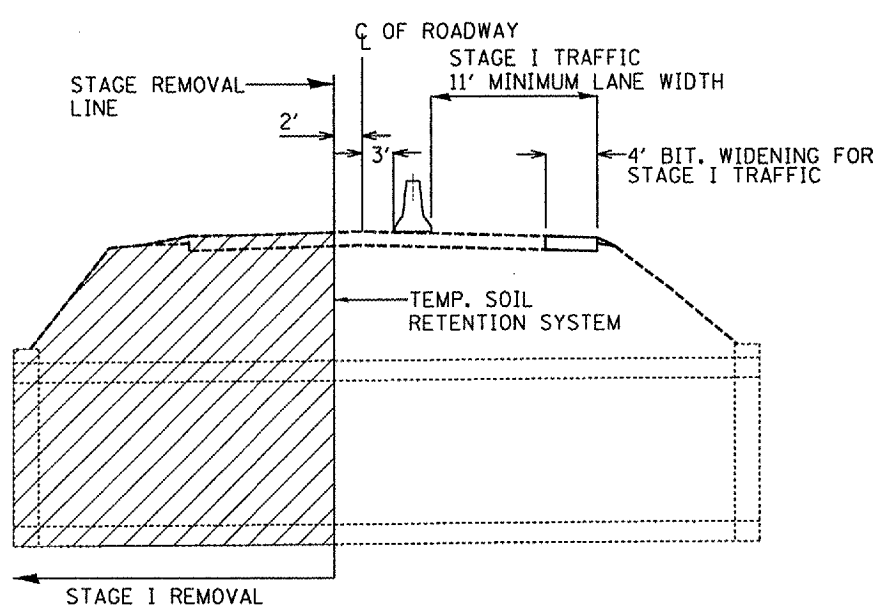
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 STAGE CONSTRUCTION DETAIL
 CULVERT AT STA. 539+54.90
 SCALE: VERT. HORIZ.
 DATE 08/23/05
 DRAWN BY CEM
 CHECKED BY CEM

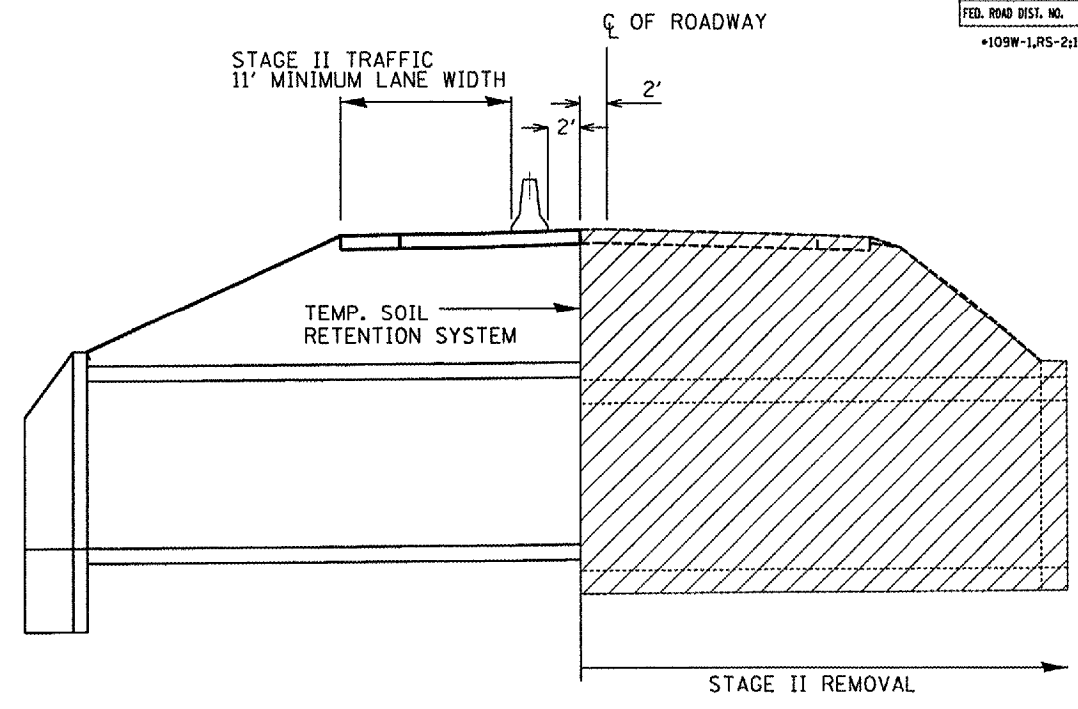
PLOT DATE = 8/24/2007
 FILE NAME = I:\projects\1056\1056.dgn
 PLOT SCALE = 4:2744' / IN.
 USER NAME = mshar-dc

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

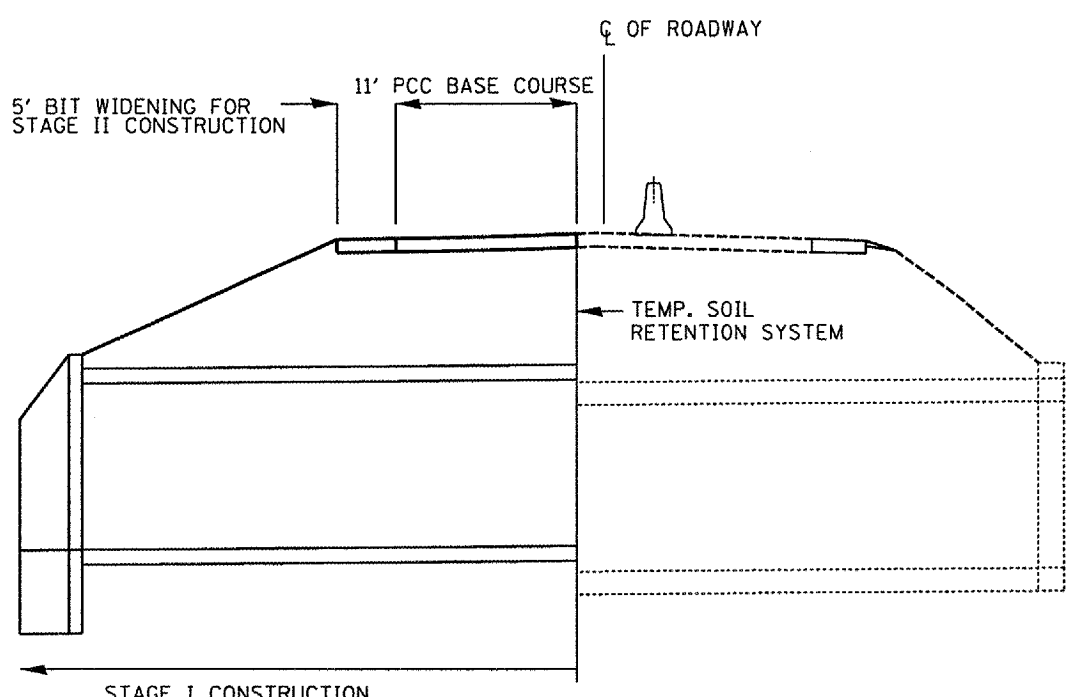
*109W-1,RS-2;110W,RS-1



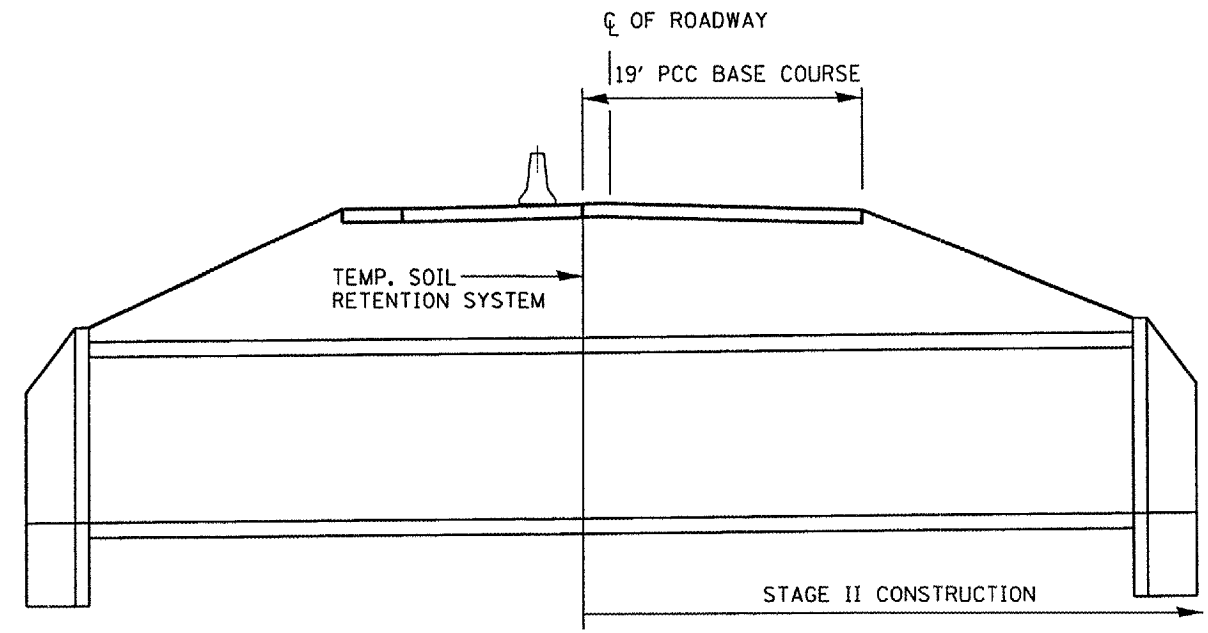
STAGE I REMOVAL
(Looking East)



STAGE II REMOVAL
(Looking East)



STAGE I CONSTRUCTION
(Shown Perpendicular to US 136 Baseline)



STAGE II CONSTRUCTION
(Shown Perpendicular to US 136 Baseline)

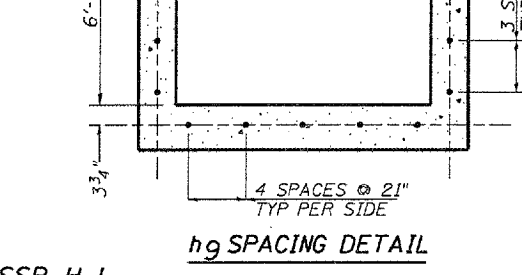
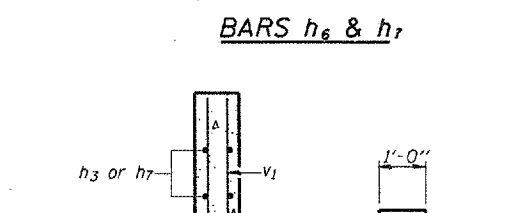
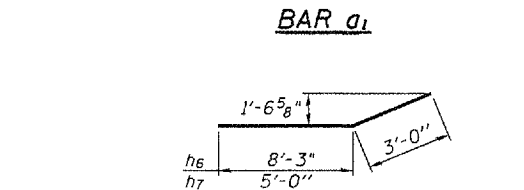
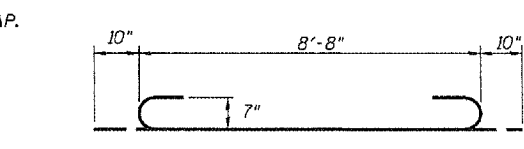
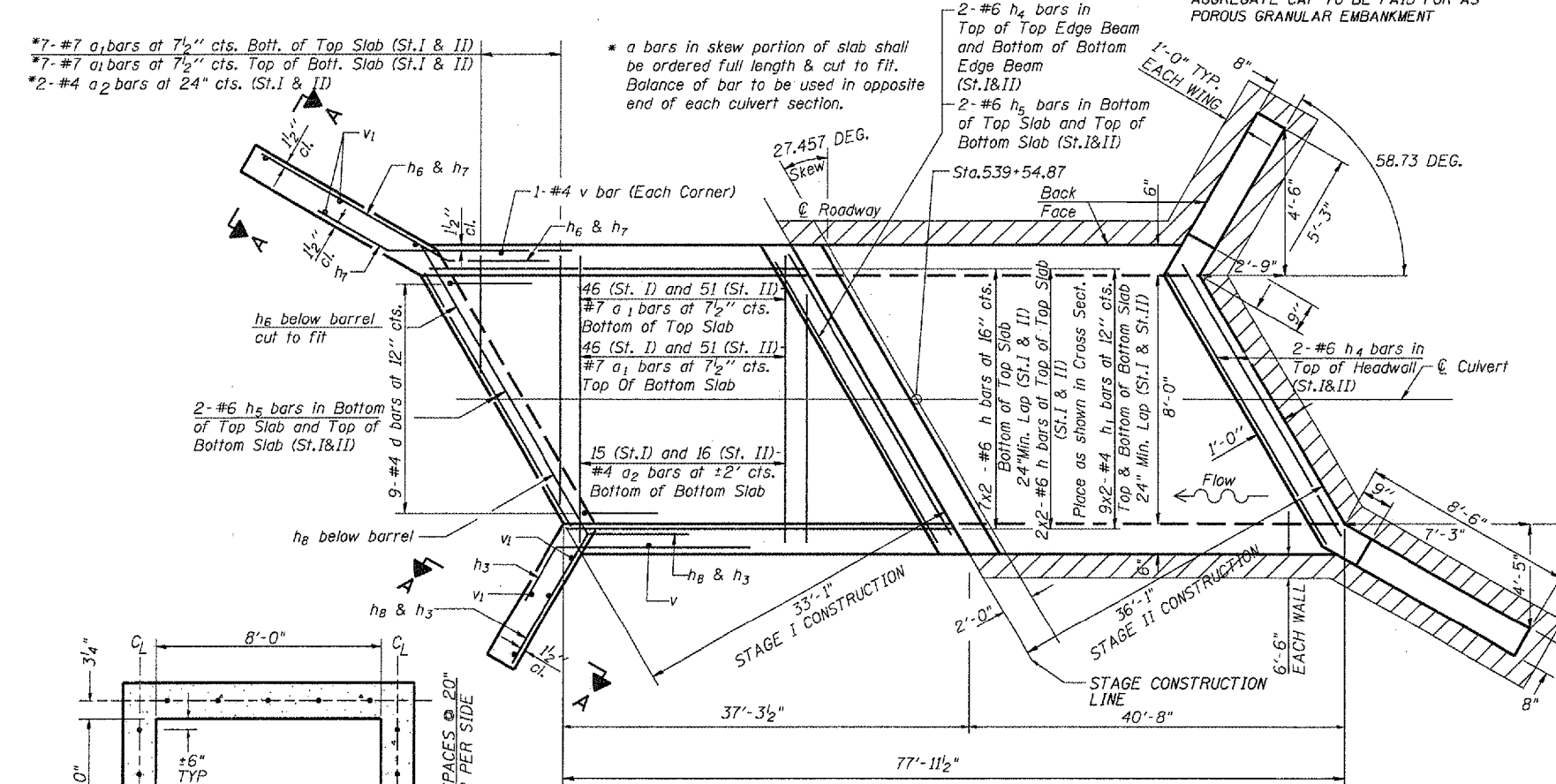
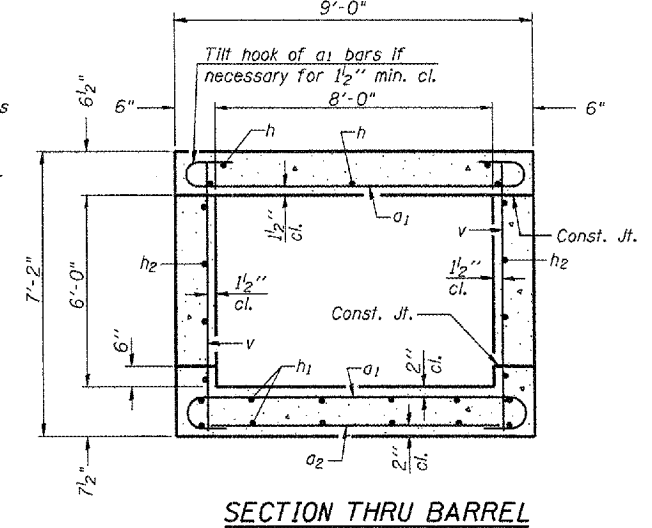
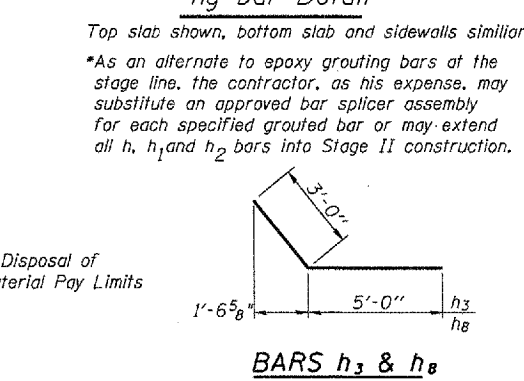
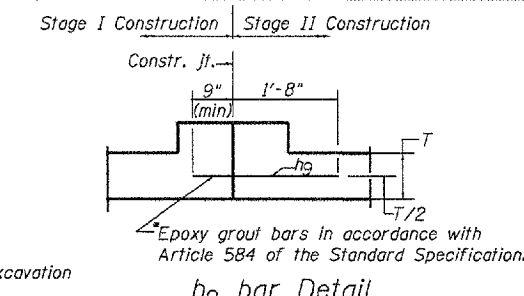
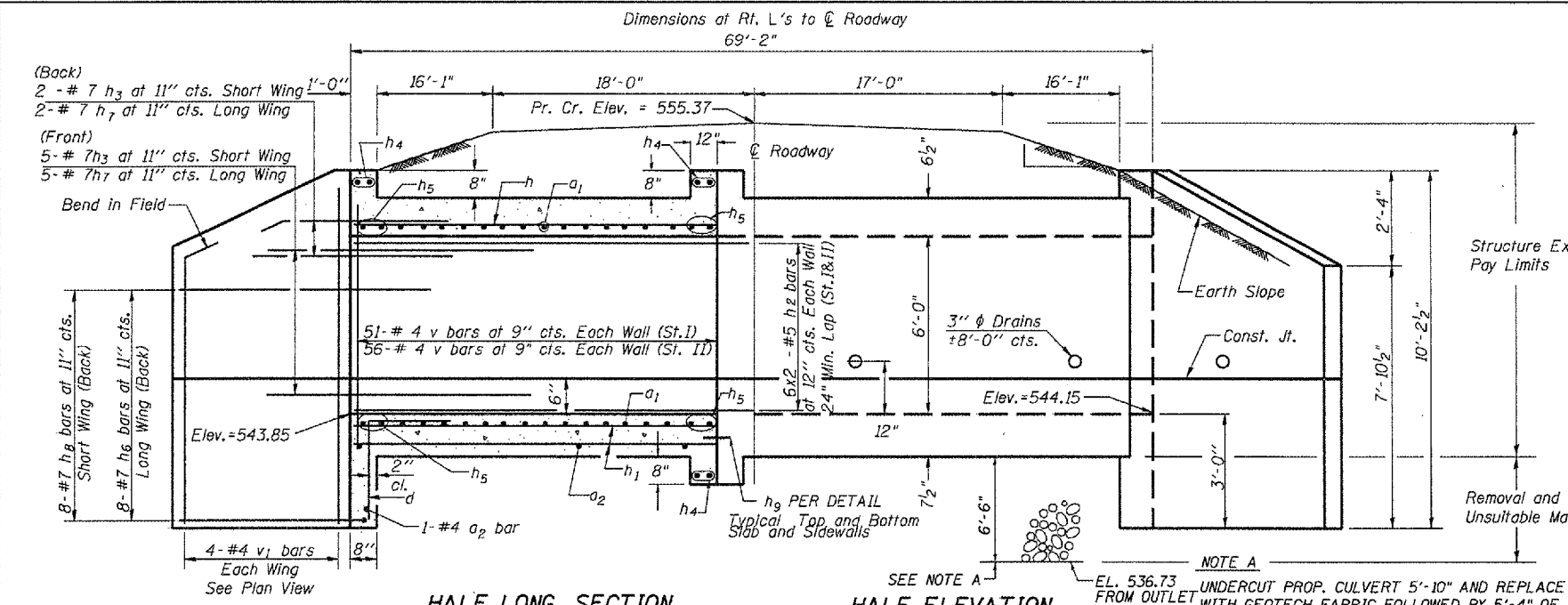
• MAINTAIN 1.5% CROSSLOPE IN EACH DIRECTION FROM CENTERLINE OF ROADWAY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION DETAIL
CULVERT AT STA. 539+54.90
SCALE: VERT. NONE
HORIZ. DATE 06/27/2006
DRAWN BY CEM
CHECKED BY CEM

PLOT DATE: 06/27/2006
 FILE NAME: c:\projects\136\136stage1.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: meahar-de

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTES
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 All construction joints shall be bonded.
 SHALE LAYER MAY BE ENCOUNTERED WITHIN THE RECOMMENDED DEPTH OF UNDERCUT. IF ENCOUNTERED DURING THE UNDERCUT OPERATION, FURTHER UNDERCUT INTO THE SHALE LAYER IS NOT REQUIRED

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	208	#7	10'-4"	
a2	35	#4	8'-4"	
d	18	#4	4'-6"	
h	36	#6	21'-4"	
h1	72	#4	21'-4"	
h2	48	#5	21'-4"	
h3	14	#7	8'-0"	
h4	12	#6	10'-0"	
h5	16	#6	10'-0"	
h6	16	#7	11'-3"	
h7	14	#7	8'-0"	
h8	16	#7	8'-0"	
h9	18	#5	2'-5"	
v	214	#4	6'-10"	
v1	16	#4	9'-7"	
<hr/>				
Concrete Box Culverts	Cu. Yd.	57.2		
Reinforcement Bars Epoxy Coated	Pound	11,084		
Removal of Exist. Str.	Each	1		
Removal & Disposal Of Unsuitable Mat'l	Cu. Yd.	355		
Porous Granular Embankment	Ton	64		
Rock Fill	Ton	750		
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	183		
Temporary Soil Retention System	Sq. Ft.	524		
Structure Excavation	Cu. Yd.	216		

PRECAST OPTION NOT ALLOWED

REVISIONS	
NAME	DATE

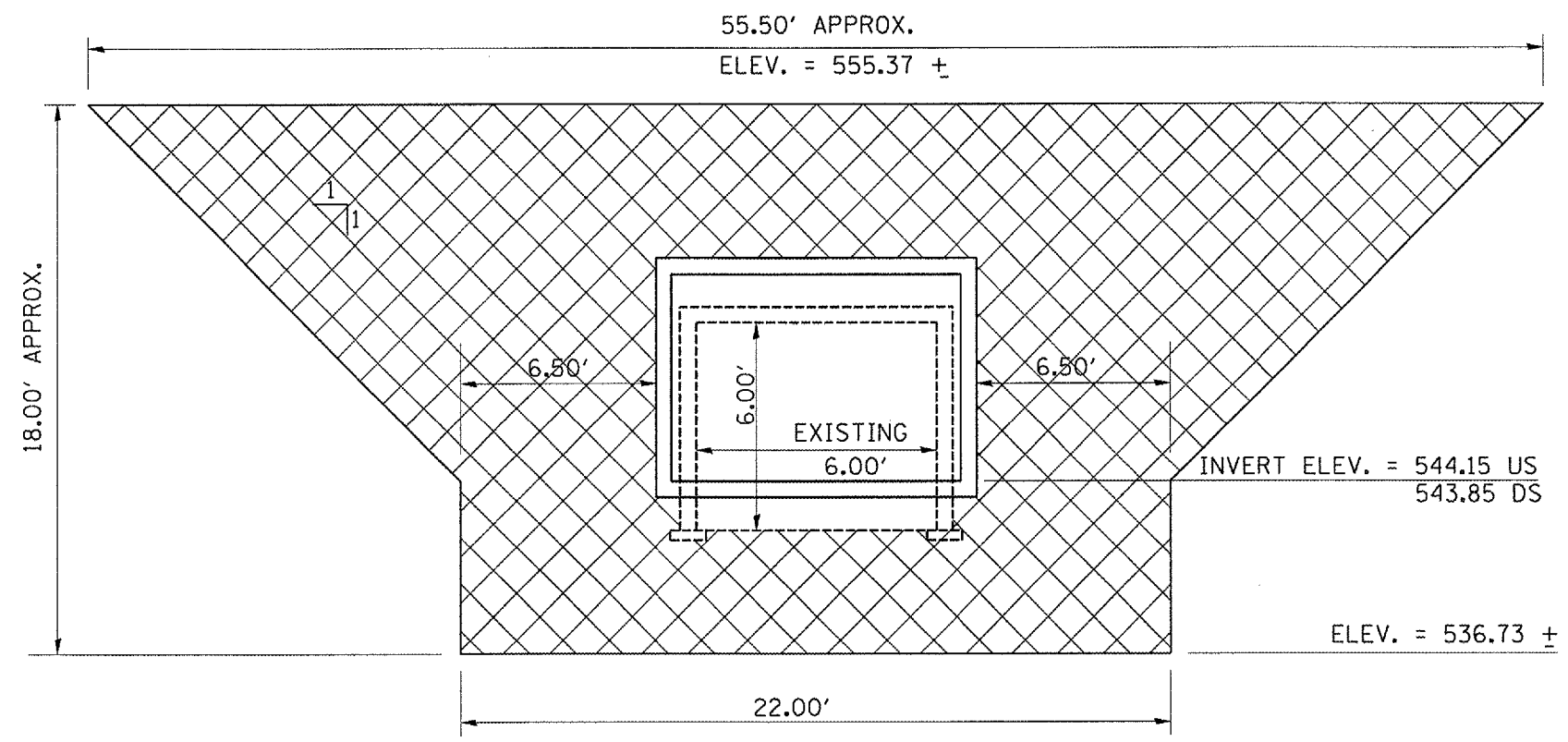
ILLINOIS DEPARTMENT OF TRANSPORTATION
8 X 6 BOX CULVERT
STATION 539+54.90
 SCALE: VERT. NONE
 HORIZ. DATE 03/02/2006
 DRAWN BY CEM
 CHECKED BY

DATE
 FILE NAME
 USER NAME

SSB-H-L

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1



 AREA OF SOIL TO BE RETAINED BY TEMP. SOIL RETENTION SYSTEM

PAY LIMITS FOR TEMPORARY SOIL RETENTION SYSTEM

PROPOSED UNDERCUT FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL EXTENDS 6.50' BENEATH DOWNSTREAM BOTTOM OF BOX ELEVATION OF PROPOSED BOX CULVERT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TEMPORARY SOIL RETENTION DETAIL FOR CULVERT AT STA. 539+54.90
SCALE: VERT. NONE HORIZ. DATE 09/27/2006		DRAWN BY CEM CHECKED BY CEM

PLOT DATE = 9/27/2007
 FILE NAME = I:\135\run\mst\cut.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshah-dca

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 1

Date 6/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO.	T	W	S	S	Groundwater Elev.:	
Station	H	S	Qu	T	First Encounter	538.0 ft ▼
Offset					Upon Completion	542.0 ft ▼
Ground Surface Elev.					After 24 Hrs.	545.1 ft ▼

	(ft)	(6")	(tsf)	(%)
Brown SILTY LOAM	2			
	1	2.5	19.0	
	1	P		
	1			
	1	1.5	22.0	
	2	P		
	H			
	1	0.6	28.0	
	1	B		
	H			
	1	0.3	32.0	
	2	B		
542.50				
Brown, Dk Brown SILTY CLAY LOAM	H	0.6	30.0	
541.50	2	B		
Brown, Lt Brown SHALEY CLAY	8		12.0	
540.00				
Gray, Brown Soft SHALE	15			
	60		10.0	
	40@3"			
537.50				
Gray SHALE	24			
536.50	100@5"		13.0	
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
DOT

SOIL BORING LOG

Page 1 of 1

Date 6/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO.	T	W	S	S	Groundwater Elev.:	
Station	H	S	Qu	T	First Encounter	541.9 ft ▼
Offset					Upon Completion	545.9 ft ▼
Ground Surface Elev.					After 24 Hrs.	543.9 ft ▼

	(ft)	(6")	(tsf)	(%)
Gray, Brown SILTY LOAM	H			
	1	0.3	33.0	
	1	P		
	H			
tr of sa & wood	H			
	1	0.3	40.0	
	1	P		
	H			
	H	0.3	42.0	
	H	P		
	H			
	H	0.3	38.0	
	1	P		
25" shaley clay				
534.40				
Gray SHALEY CLAY	30			
	85		8.0	
	15@1"			
531.90				
Gray SHALE	20			
531.15	100@3"		12.0	
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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS STATION 539+54.90

VERT. NONE
SCALE: HORIZ.
DATE 11/09/06

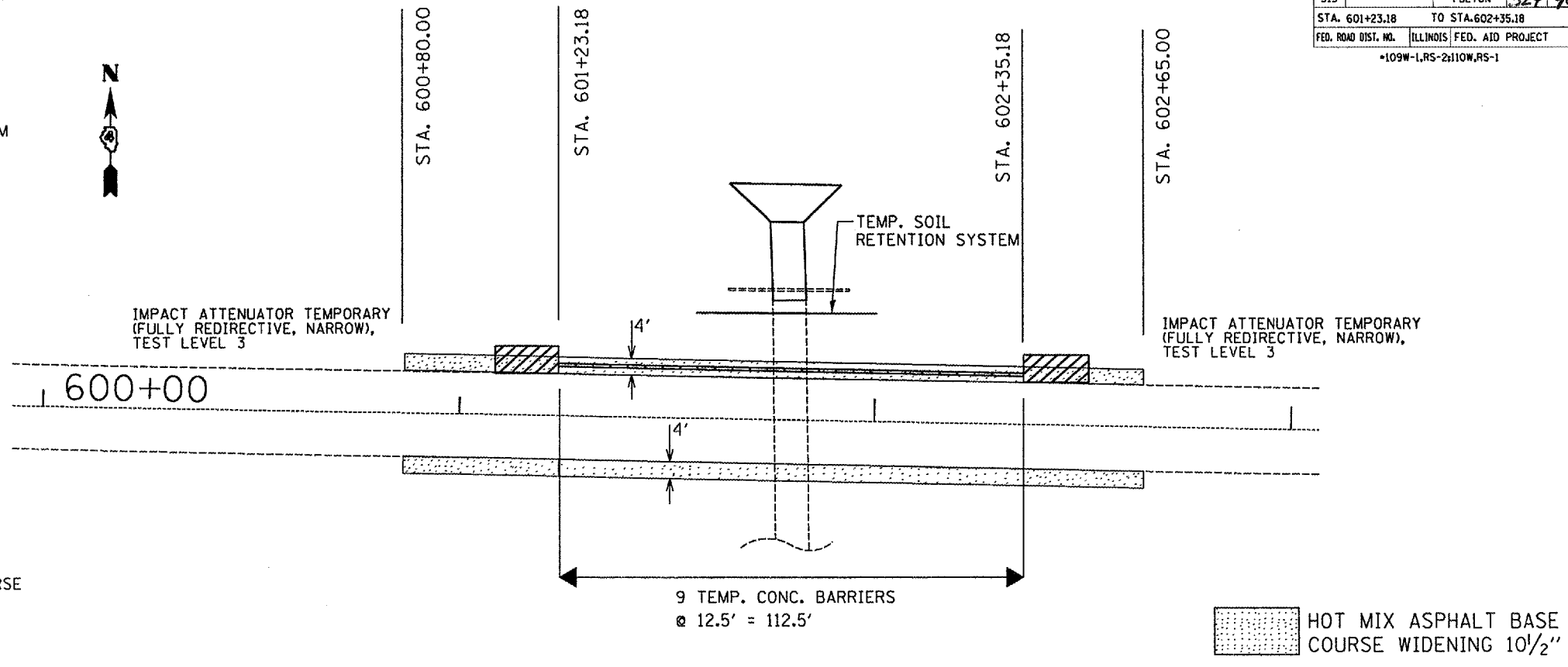
DRAWN BY CEM
CHECKED BY CEM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	90
STA. 601+23.18		TO STA. 602+35.18		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*109W-LRS-2;110W,RS-1

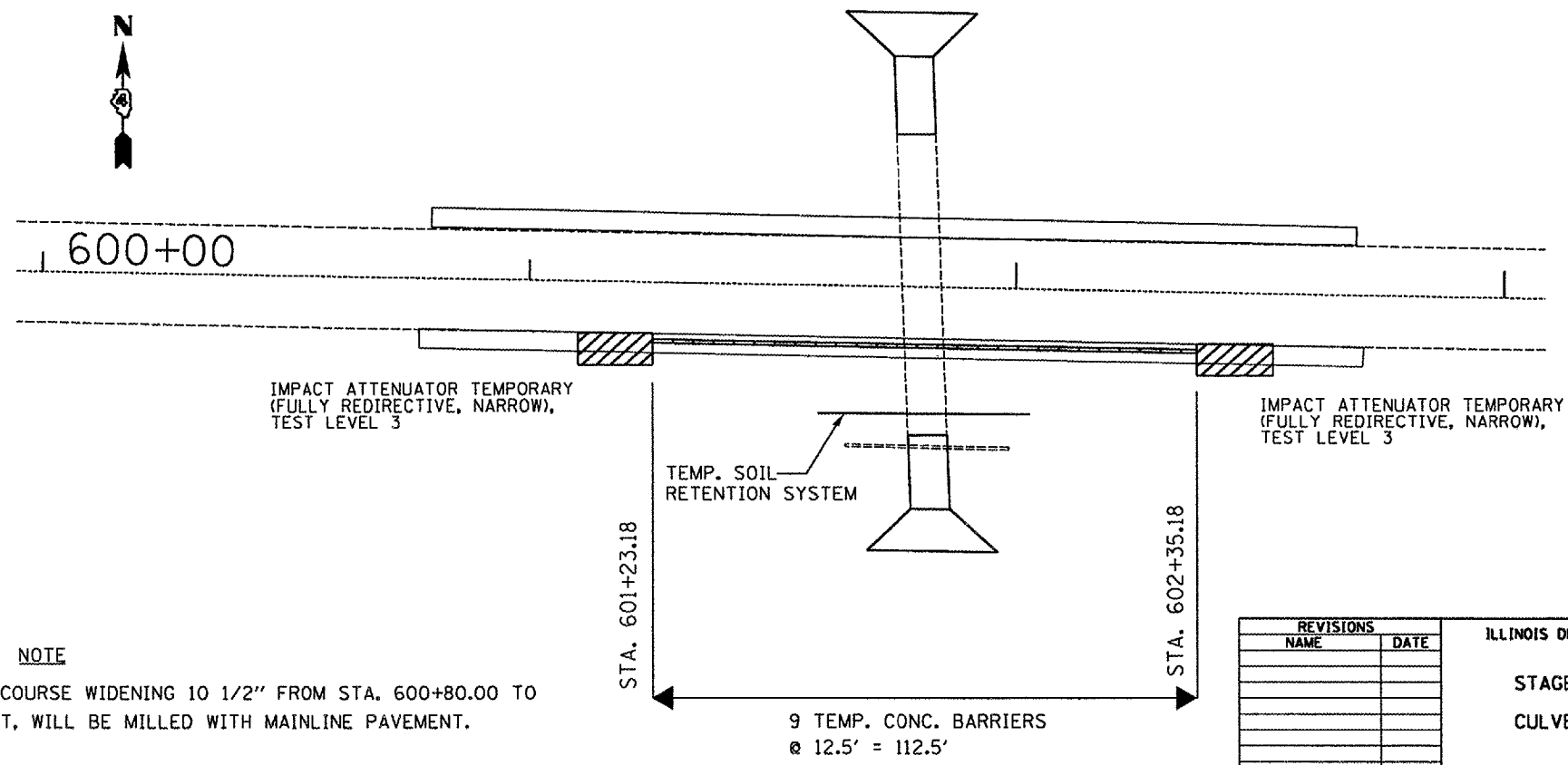
STAGE I CONSTRUCTION OF NORTH SIDE

1. REPLACE 3' AGGREGATE SHOULDER ON LT EDGE OF PAVEMENT WITH 4' WIDE HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2 " FROM STA. 600+80.00 TO STA. 602+65.00 USING TRAFFIC CONTROL AND PROTECTION STANDARD 701326
2. PLACE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS AS SHOWN USING TRAFFIC CONTROL AND PROTECTION STANDARD 701201.
3. INSTALL TRAFFIC SIGNING PER TRAFFIC CONTROL AND PROTECTION STANDARD 701101.
4. PLACE TEMPORARY SOIL RETENTION SYSTEM AND REMOVE LT SIDE OF EXISTING STRUCTURE AS SHOWN ON CULVERT STRUCTURE PLANS
5. DURING STAGE I CONSTRUCTION, STRUCTURE PLACEMENT AND ALL OTHER COLLATERAL WORK SHALL BE COMPLETED FOR THE LT SIDE OF THE ROADWAY ONLY
6. AFTER STRUCTURE IS COMPLETE REPLACE 3' AGGREGATE SHOULDER ON RT EDGE OF PAVEMENT WITH 4' WIDE HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2" FROM STA. 600+80.00 TO STA. 602+65.00 TO ACCOMMODATE STAGE II TRAFFIC USING TRAFFIC CONTROL AND PROTECTION STANDARD 701326.



STAGE II CONSTRUCTION OF SOUTH SIDE

1. RELOCATE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS AS SHOWN USING TRAFFIC CONTROL AND PROTECTION STANDARD 701201.
2. INSTALL TRAFFIC SIGNING PER TRAFFIC CONTROL AND PROTECTION STANDARD 701101.
3. PLACE TEMPORARY SOIL RETENTION SYSTEM AND REMOVE RT SIDE OF EXISTING STRUCTURE AS SHOWN ON CULVERT STRUCTURE PLANS
4. DURING STAGE II CONSTRUCTION, STRUCTURE PLACEMENT AND ALL OTHER COLLATERAL WORK SHALL BE COMPLETED FOR THE RT SIDE OF THE ROADWAY ONLY
5. AFTER STAGE II CONSTRUCTION IS COMPLETE, REMOVE TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS USING TRAFFIC CONTROL AND PROTECTION STANDARD 701201.



NOTE

HOT MIX ASPHALT BASE COURSE WIDENING 10 1/2" FROM STA. 600+80.00 TO STA. 602+65.00, RT & LT, WILL BE MILLED WITH MAINLINE PAVEMENT.

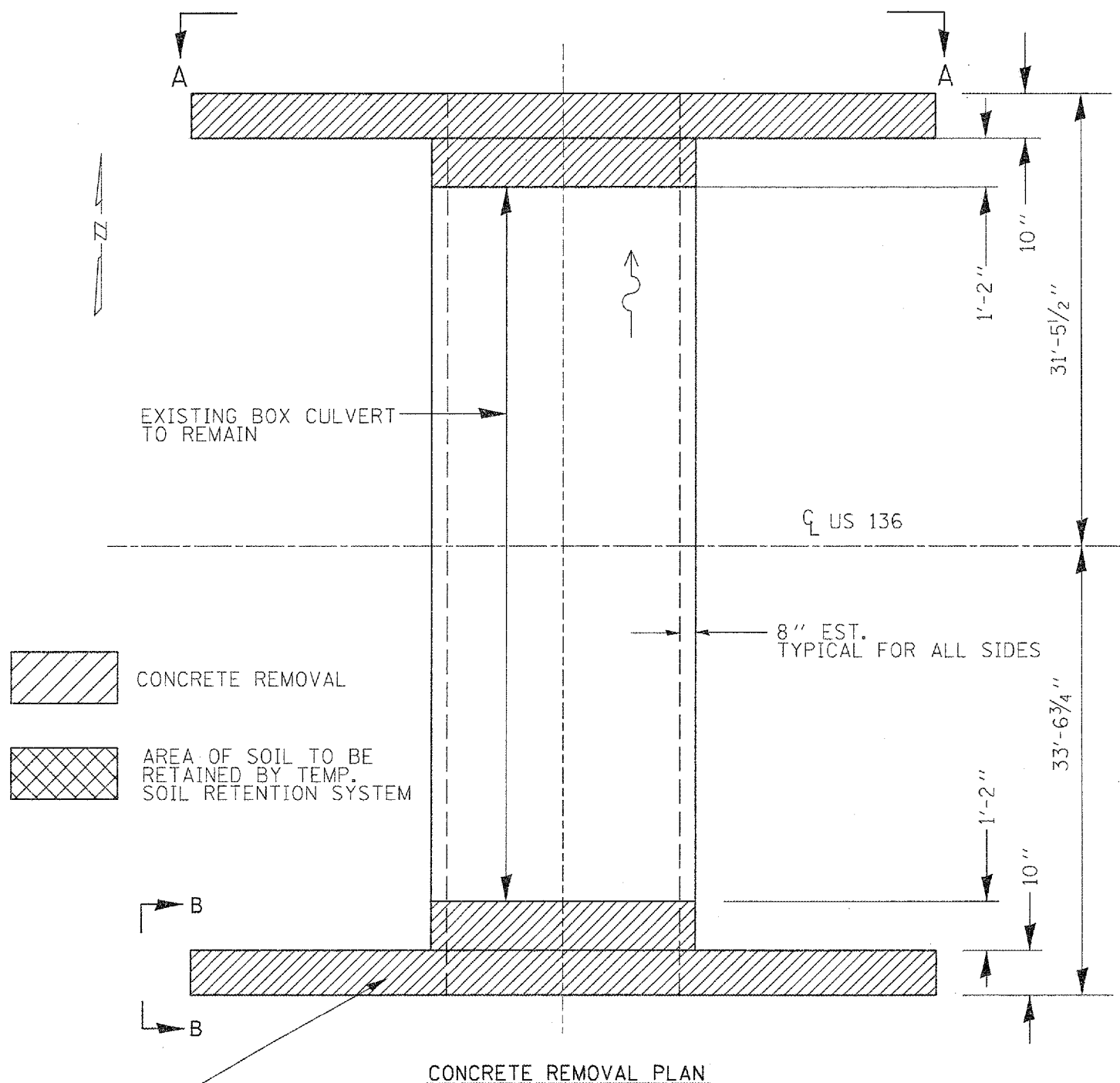
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION DETAIL
CULVERT AT STA. 601+79.18
 SCALE: VERT. _____
 HORIZ. _____
 DATE 02/14/2006
 DRAWN BY CEM
 CHECKED BY _____

PLOT DATE = 01/25/2007
 FILE NAME = I:\Projects\88518\Drawings\136\cvt\stage1.dgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 USER NAME = msharada

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	91
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1

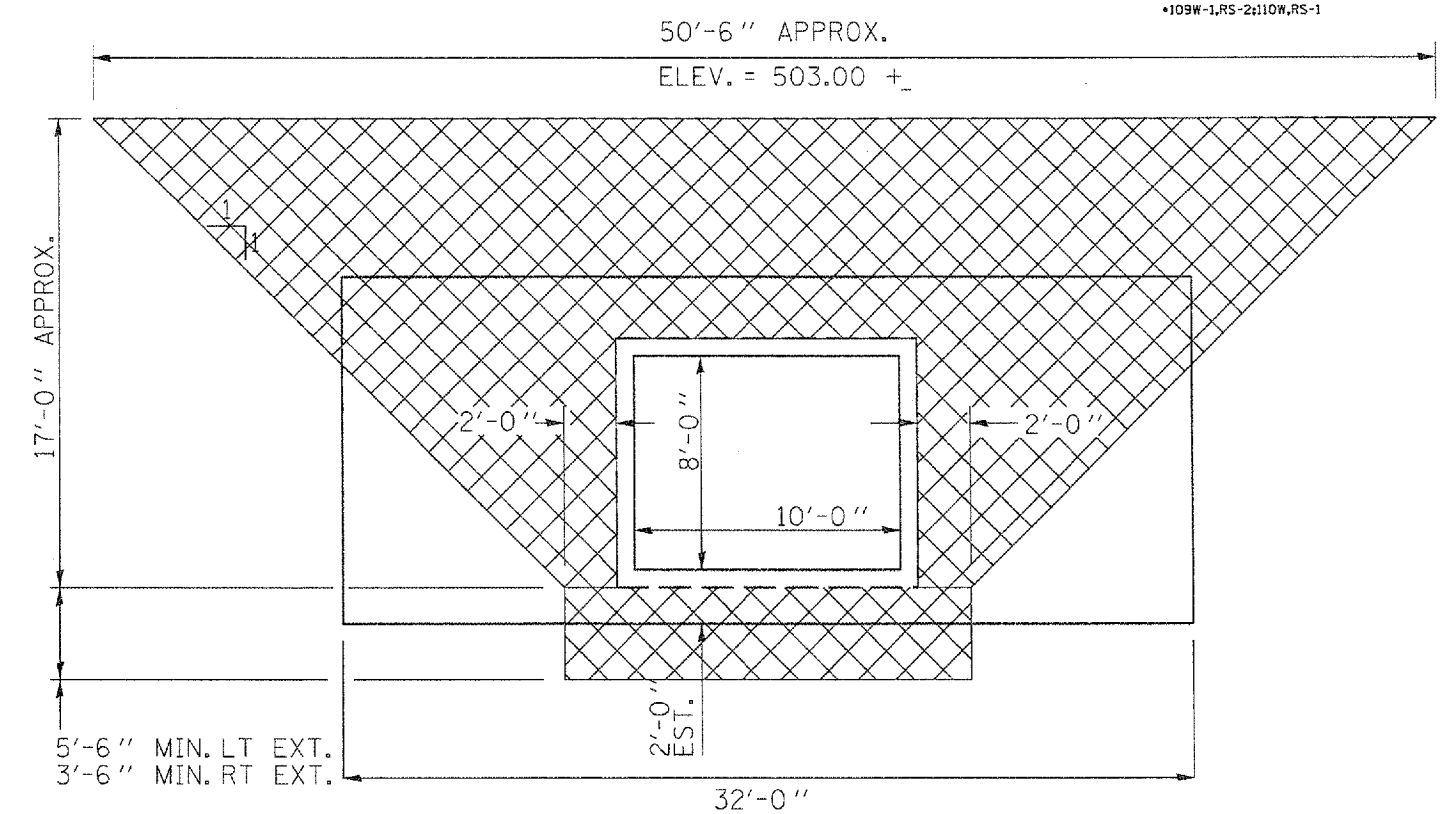


- CONCRETE REMOVAL
- AREA OF SOIL TO BE RETAINED BY TEMP. SOIL RETENTION SYSTEM

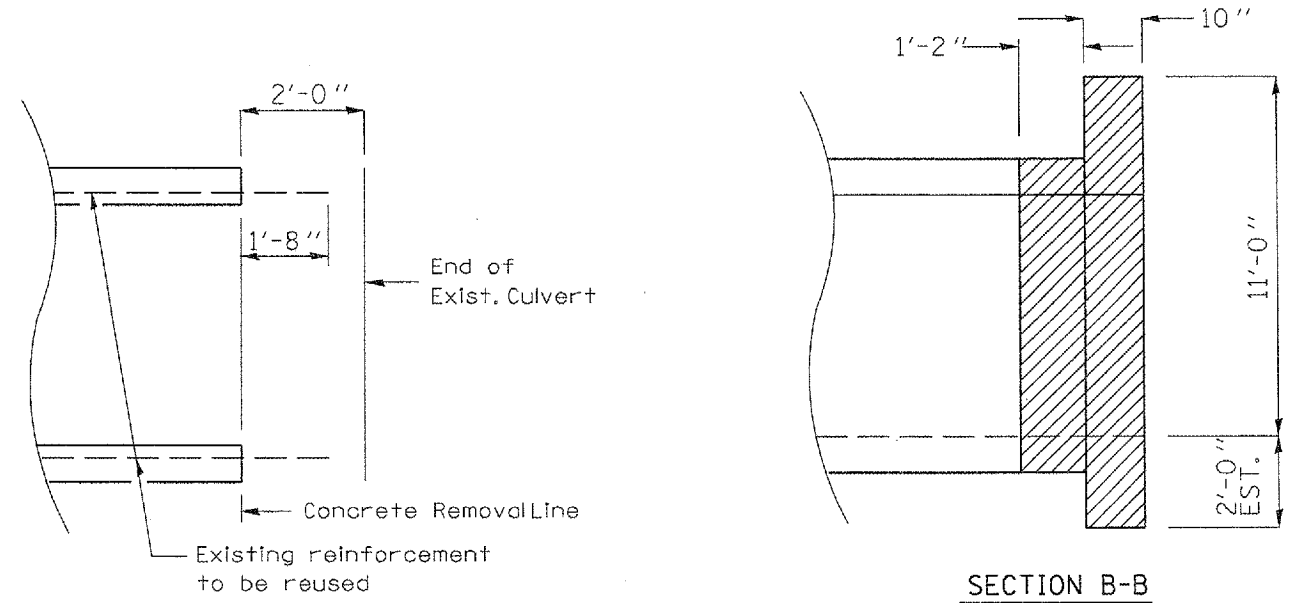
CONCRETE REMOVAL PLAN

EXISTING REINFORCED CONCRETE HEADWALL AND PARTIAL CONCRETE BOX CULVERT TO BE REMOVED

NOTE
 EXISTING LONGITUDINAL REINFORCEMENT BARS IN BOX SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION.
 TEMPORARY SOIL RETENTION SYSTEM WILL BE USED TO RETAIN SOIL BEHIND HEADWALL IN ORDER TO REMOVE HEADWALL AND SECTION OF EXISTING CULVERT ON EACH END



SECTION A-A
 TYPICAL UPSTREAM AND DOWNSTREAM



EXISTING REINFORCEMENT DETAIL
 Typical both ends of Culvert Top and Bottom Slabs and Sidewalls

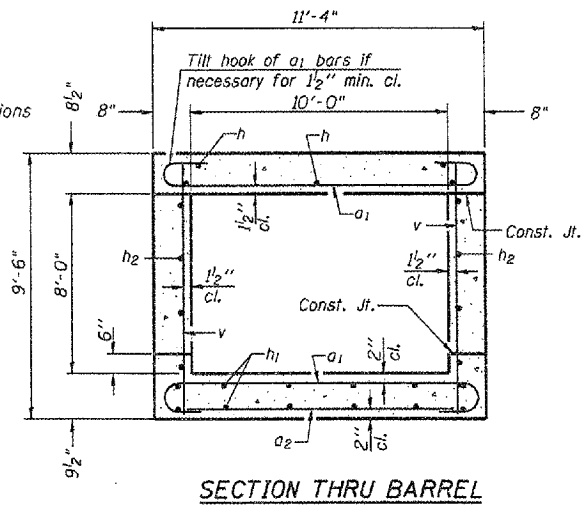
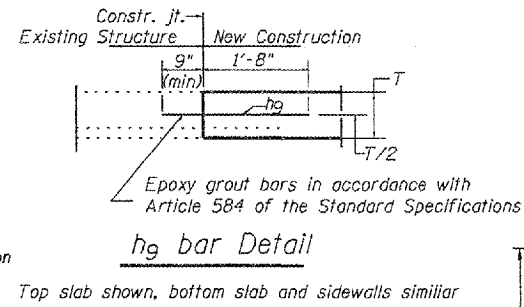
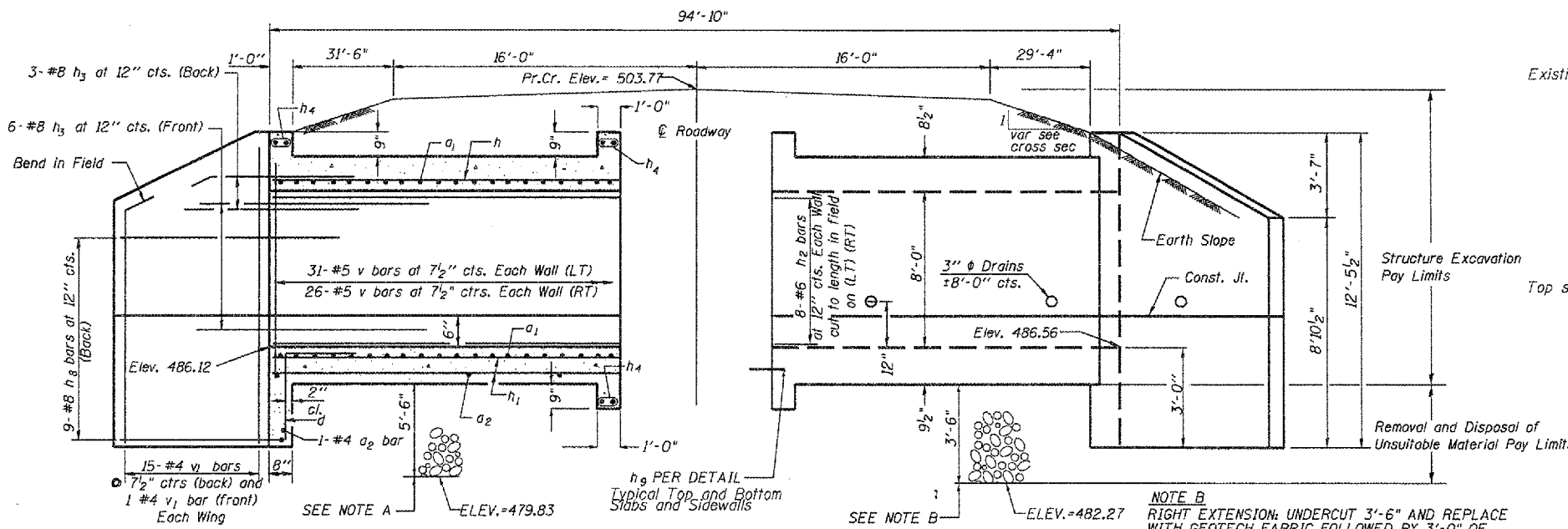
SECTION B-B
 TYPICAL UPSTREAM AND DOWNSTREAM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 10 X 8 BOX CULVERT HEADWALL REMOVAL DETAIL
 STATION 601+79.18
 SCALE: VERT. DRAWN BY CEM
 HORIZ. CHECKED BY
 DATE 02/28/2006

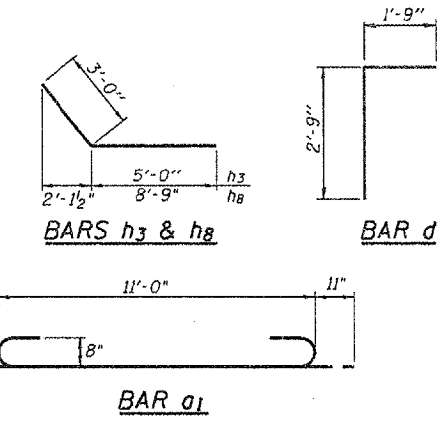
PLOT DATE * STATES *
 FILE NAME * FILES *
 PLOT SCALE * SCALES *
 USER NAME * USERS *

F.A.R. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	324	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*109W-LRS-2;110W-RS-1				



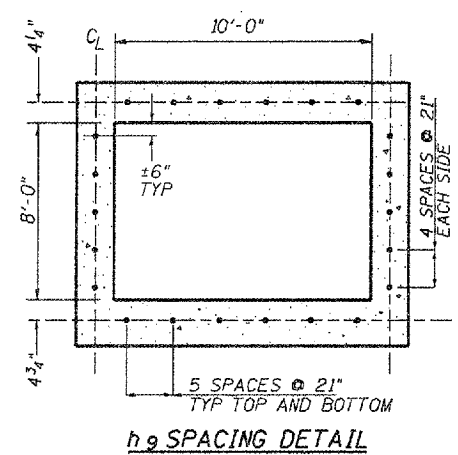
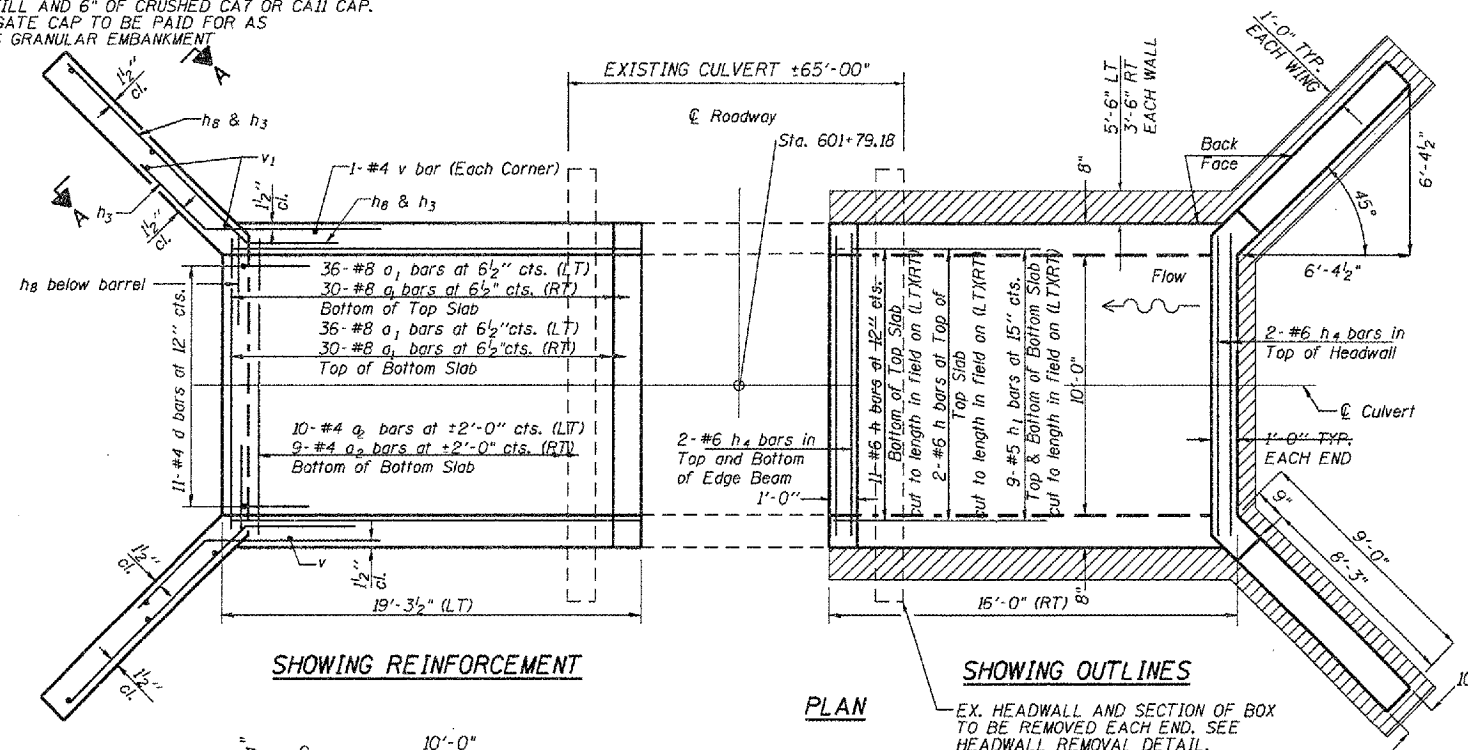
NOTE A
HALF LONG. SECTION
 LEFT EXTENSION: UNDERCUT 5'-6" AND REPLACE WITH GEOTECH FABRIC FOLLOWED BY 5'-0" OF ROCK FILL AND 6" OF CRUSHED CA7 OR CA11 CAP. AGGREGATE CAP TO BE PAID FOR AS POROUS GRANULAR EMBANKMENT.

NOTE B
HALF ELEVATION
 RIGHT EXTENSION: UNDERCUT 3'-6" AND REPLACE WITH GEOTECH FABRIC FOLLOWED BY 3'-0" OF ROCK FILL AND 6" OF CRUSHED CA7 OR CA11 CAP. AGGREGATE CAP TO BE PAID FOR AS POROUS GRANULAR EMBANKMENT.



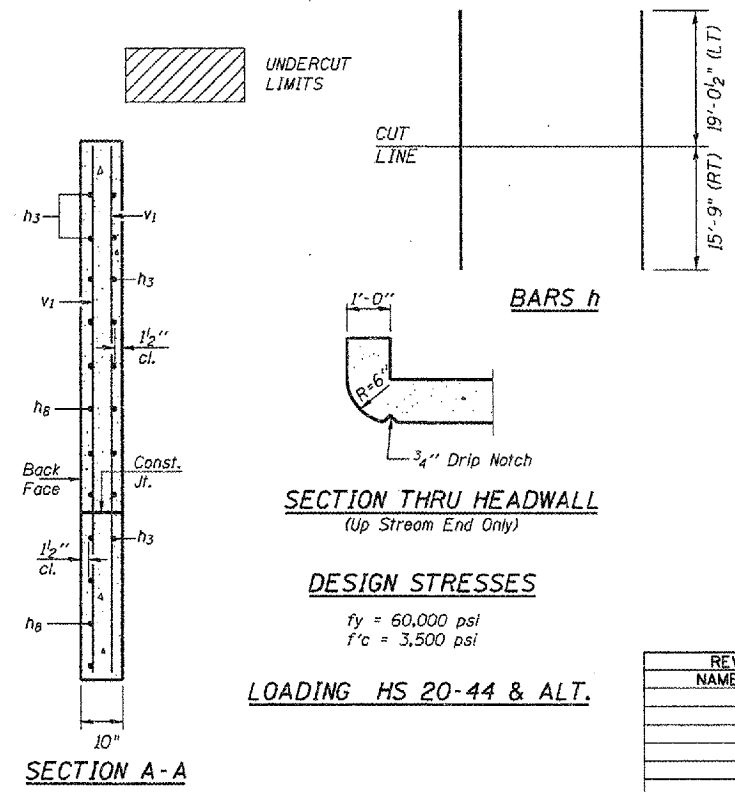
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	132	#8	12'-10"	U
a2	21	#4	10'-3"	—
d	22	#4	4'-6"	—
h	13	#6	34'-9 1/2"	—
h1	18	#5	34'-9 1/2"	—
h2	16	#6	34'-9 1/2"	—
h3	36	#8	8'-0"	—
h4	12	#6	11'-1"	—
h5	36	#8	11'-9"	—
h6	44	#5	2'-5"	—
v	118	#5	8'-0"	—
v1	64	#4	12'-0"	—
Concrete Box Culverts Cu. Yd. 511				
Reinforcement Bars Pound 10,496				
Epoxy Coated				
Concrete Removal Cu. Yd. 23				
Removal & Disposal Of Unsuitable Mat'l Cu. Yd. 142				
Porous Granular Embankment Ton 32				
Rock Fill Ton 261				
Geotechnical Fabric for Ground Stabilization Sq. Yd. 92				
Temporary Soil Retention System Sq. Ft. 904				
Structure Excavation Cu. Yd. 97				



PLAN
 EX. HEADWALL AND SECTION OF BOX TO BE REMOVED EACH END. SEE HEADWALL REMOVAL DETAIL.

NOTES
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 All construction joints shall be bonded.



DESIGN STRESSES

fy = 60,000 psi
 f'c = 3,500 psi

LOADING HS 20-44 & ALT.

PRECAST OPTION NOT ALLOWED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
10'X8' BOX CULVERT EXTENSION
 STATION 601+79.18
 SCALE: VERT. NONE
 HORIZ. DATE 02/27/2006
 DRAWN BY CEM
 CHECKED BY

PLOT DATE: * * *
 FILE NAME: * * *
 USER NAME: * * *

SSB-H-0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	93
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*109W-1,RS-2;110W,RS-1



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 5/23/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	Station	D E P T H	B L O W S	U C S	M O D	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.:	First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	D E P T H	B L O W S	U C S	M O D
								471.90				2	B	26.0	
												1			
			1	1.8	20.0							3	2.3	17.0	
			2	P								4	B		
								468.40				7			
			1									18	4.5	10.0	
			2	P								30	P		
												11			
			1	0.5	27.0							50	4.5	9.0	
			1	P								32	P		
								463.40				33			
			1	0.6	40.0							80	4.5	6.0	
			1	B								20@1"	P		
			1												
			1	0.9	26.0										
			1	B											
								473.40							
			1												
			1	1.1	86.0										
			2	B											
								475.90							
			1												
			1	1.0	27.0										
			2	B											
			1												
			2	1.2	25.0										

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
IDOT

SOIL BORING LOG

Date 5/23/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.	Station	D E P T H	B L O W S	U C S	M O D	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.:	First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	D E P T H	B L O W S	U C S	M O D
								473.3				4	B		
			1									1			
			1	1.8	24.0							1	0.9	45.0	
			2	P								1	B		
								491.90							
			1									1			
			1	1.0	26.0							1	1.0	37.0	
			1	B								2	B		
												2			
			1	0.5	32.0							1	1.0	30.0	
			1	B								3	B		
								466.30				10		18.0	
			1	0.3	48.0							7			
			2	B								9	3.8	14.0	
													P		
												7			
			1	1.0	42.0							14	4.5	11.0	
			1	B								31	P		
												8			
			1	1.0	41.0							30	4.5	11.0	
			2	B								57	P		
												88			
			1	0.8	42.0							100@2"	4.5	10.0	
			1	B									P		
			1	1.0	38.0										

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

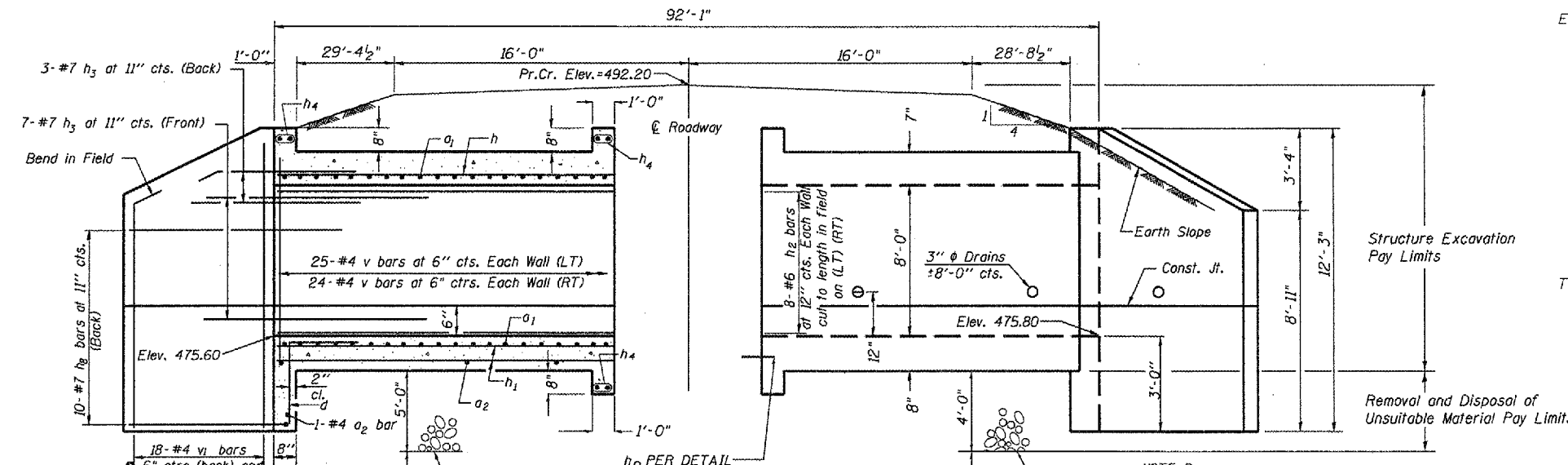
BORING LOGS STATION 601+79.18

SCALE: VERT. NONE
HORIZ. DATE 11/09/06

DRAWN BY CEM
CHECKED BY CEM

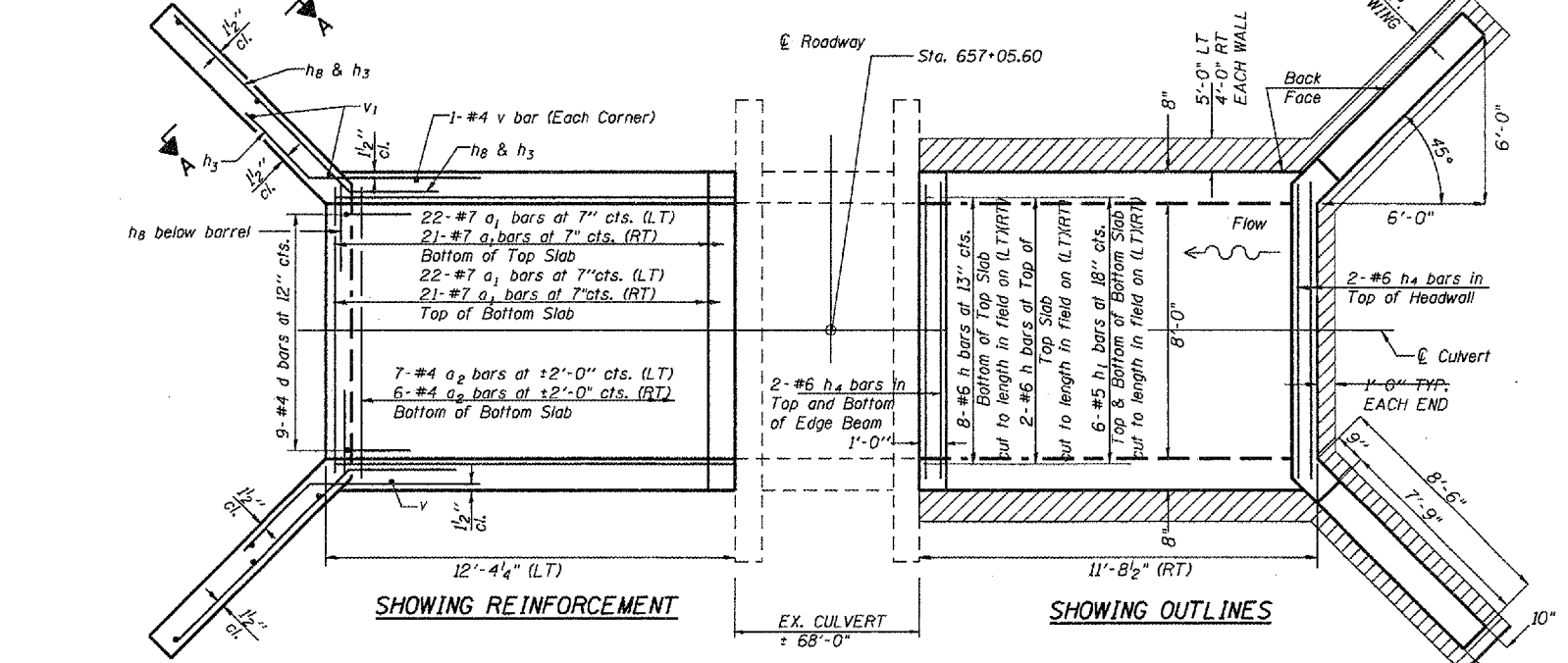
FILE NAME = 8/25/2007
PLOT SCALE = 1/8"=1'-0"
USER NAME = moulherdca

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315		FULTON	324	94
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*109W-1,RS-2;110W,RS-1				

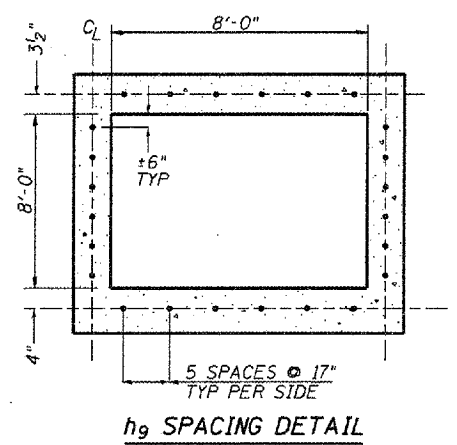


NOTE A Each Wing
HALF LONG SECTION
 LEFT EXTENSION: UNDERCUT 5'-0" AND REPLACE WITH GEOTECH FABRIC FOLLOWED BY 4'-6" OF ROCK FILL AND 6" OF CRUSHED CAT OR C&I CAP. AGGREGATE CAP TO BE PAID FOR AS POROUS GRANULAR EMBANKMENT

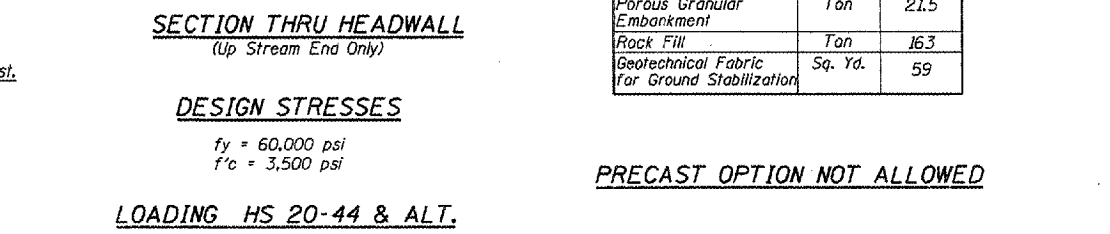
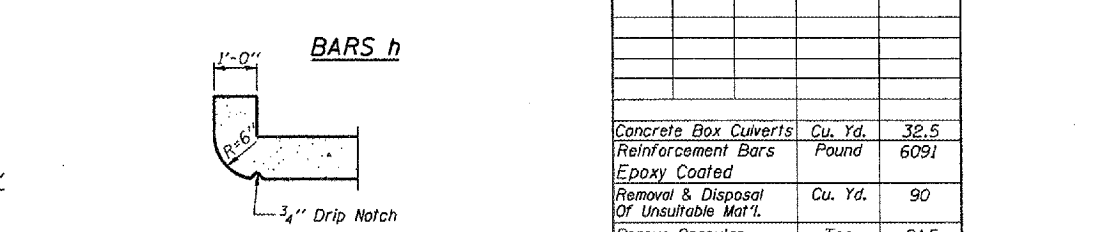
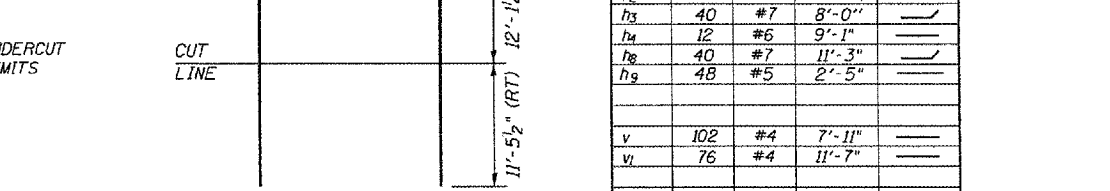
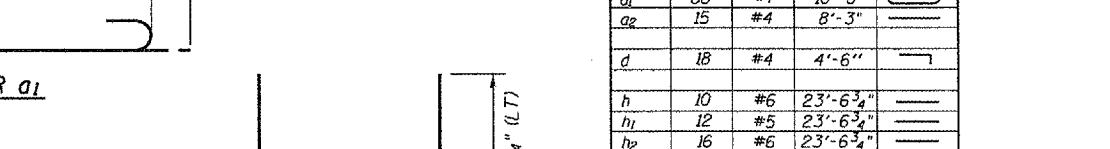
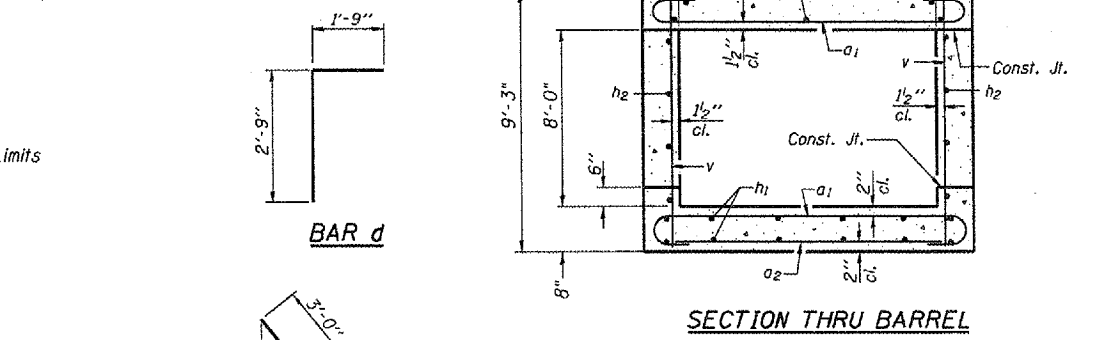
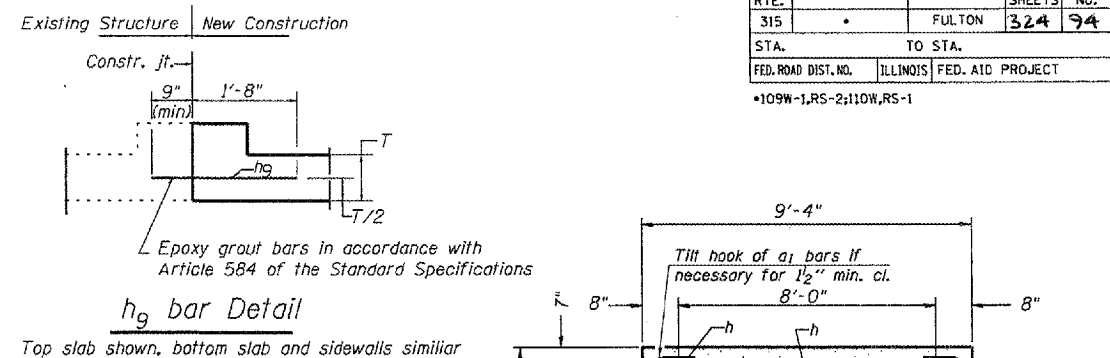
NOTE B
HALF ELEVATION
 RIGHT EXTENSION: UNDERCUT 4'-0" AND REPLACE WITH GEOTECH FABRIC FOLLOWED BY 3'-6" OF ROCK FILL AND 6" OF CRUSHED CAT OR C&I CAP. AGGREGATE CAP TO BE PAID FOR AS POROUS GRANULAR EMBANKMENT



PLAN NOTES
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 All construction joints shall be bonded.



SSB-H-0



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	86	#7	10'-8"	U
a2	15	#4	8'-3"	—
d	18	#4	4'-6"	—
h	10	#6	23'-6 3/4"	—
h1	12	#5	23'-6 3/4"	—
h2	16	#6	23'-6 3/4"	—
h3	40	#7	8'-0"	—
h4	12	#6	9'-1"	—
h5	40	#7	11'-3"	—
h6	48	#5	2'-5"	—
v	102	#4	7'-11"	—
v1	76	#4	11'-7"	—
Concrete Box Culverts			Cu. Yd.	32.5
Reinforcement Bars			Pound	6091
Epoxy Coated				
Removal & Disposal Of Unsuitable Mat'l.			Cu. Yd.	90
Porous Granular Embankment			Ton	21.5
Rock Fill			Ton	163
Geotechnical Fabric for Ground Stabilization			Sq. Yd.	59

PRECAST OPTION NOT ALLOWED

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		8'X8' BOX CULVERT EXTENSION STATION 657+05.60	
SCALE: VERT. NONE		DRAWN BY CEM	
HORIZ.		CHECKED BY	
DATE 02/22/2006			

PLOT DATE: 02/22/06
 FILE NAME: SSB-H-0
 USER: MUSEM



SOIL BORING LOG

Page 1 of 1

Date 5/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. Station _____	D E P T H	B L O W S	U C S Q u I T	M O I S T U R E	Surface Water Elev. _____ ft	
					Stream Bed Elev. _____ ft	
BORING NO. Station <u>65735</u> Offset <u>65.00ft Rt</u> Ground Surface Elev. <u>483.40</u> ft	(ft)	(6")	(tsf)	(%)	Groundwater Elev.:	
						First Encounter
					Upon Completion	<u>475.6</u> ft ▽
					After <u>48</u> Hrs.	<u>476.4</u> ft ▽

Soil Description	(ft)	(6")	(tsf)	(%)
Brown, Grey SILTY CLAY LOAM	1			
	1	2.3	22.0	
	3	P		
Grey, Brown CLAY LOAM	476.90			
	1	0.3	30.0	
	1	B		
.5" coarse sand	469.40			
	1	0.8	34.0	
	1	P		
Brown, Grey SANDY LOAM	466.90			
	2	1.0	12.0	
	5	P		
tr of coal				
Brown Coarse SAND & GRAVEL	466.90			
Grey Soft SHALE	466.40	100@4"		8.0
End of Boring	466.20	100@3"		8.0

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)

PLOT DATE : 6/25/2007
 FILE NAME : C:\p138\109110w&rs-1\109110w&rs-1-65735.dwg
 PLOT SCALE : 1/8"=1'-0"
 USER NAME : meunhorde

CONTRACT NO. **88518**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	95

STA. _____ TO STA. _____

FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____

*109W-1,RS-2;110W,RS-1



SOIL BORING LOG

Page 1 of 1

Date 5/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. Station _____	D E P T H	B L O W S	U C S Q u I T	M O I S T U R E	Surface Water Elev. _____ ft	
					Stream Bed Elev. _____ ft	
BORING NO. Station <u>65890</u> Offset <u>45.00ft Lt</u> Ground Surface Elev. <u>480.20</u> ft	(ft)	(6")	(tsf)	(%)	Groundwater Elev.:	
						First Encounter
					Upon Completion	<u>474.7</u> ft ▽
					After <u>24</u> Hrs.	<u>476.4</u> ft ▽

Soil Description	(ft)	(6")	(tsf)	(%)
Brown, Grey SILTY CLAY LOAM	1			
	2	1.1	25.0	
	2	S		
Brown CLAY LOAM	473.70			
	1	0.4	24.0	
	2	B		
.25" sand	468.70			
	1			
	2	1.0	21.0	
Brown, Grey SANDY LOAM & GRAVEL	466.20			
	6			
	93		20.0	
1" sand	465.80	100@5"		8.0
Brown, Grey LIMESTONE	465.80			
End of Boring	465.80			

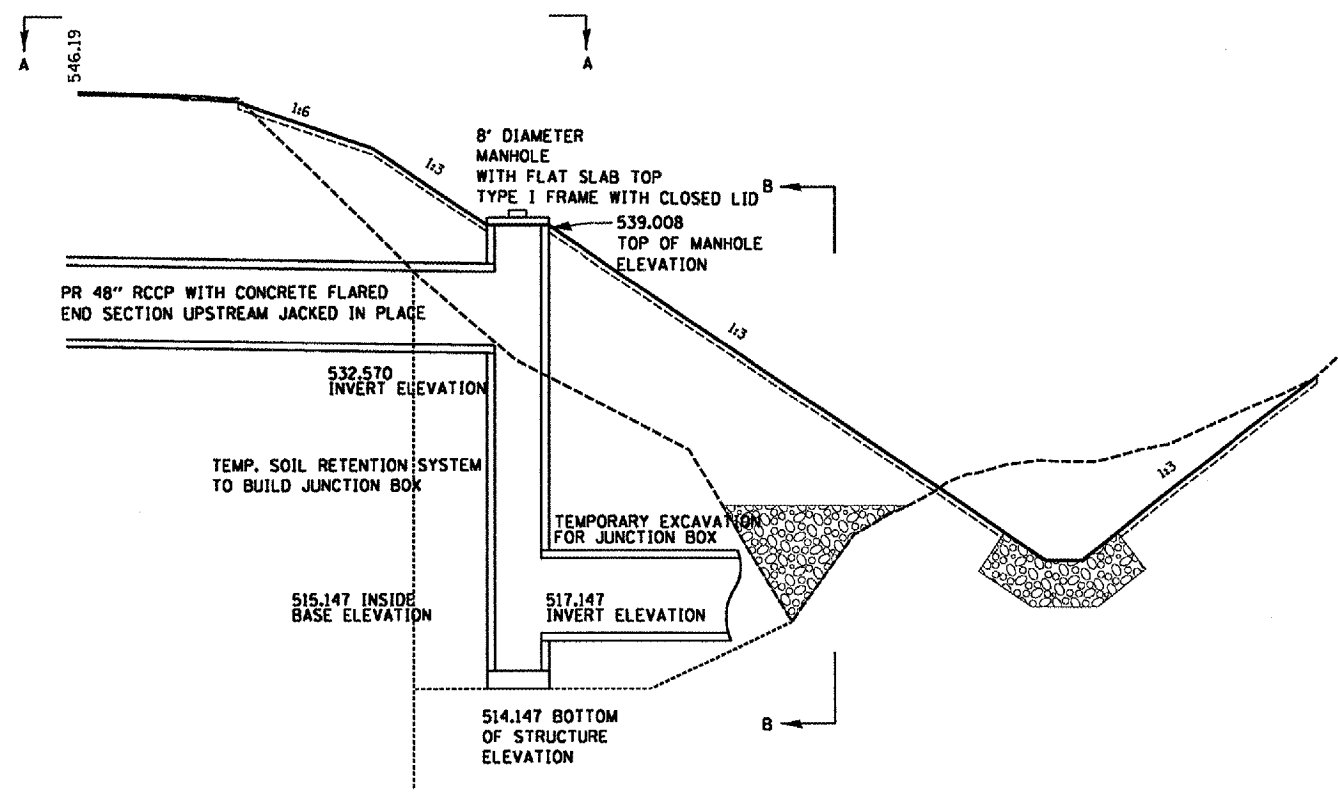
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

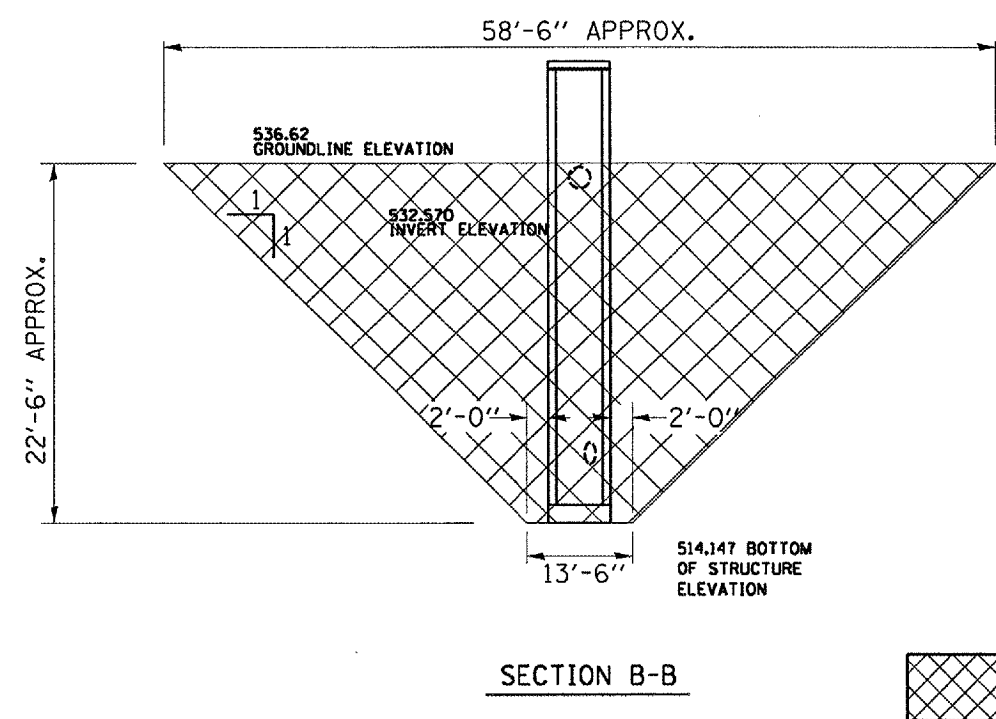
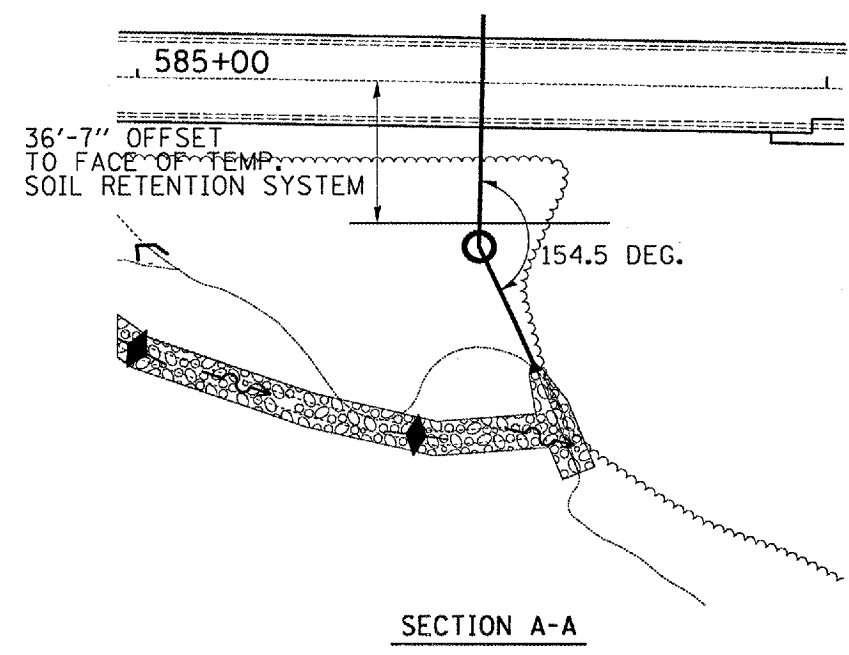
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		BORING LOGS STATION 657+05.60	
		VERT. NONE	DRAWN BY CEM
		SCALE: HORIZ.	CHECKED BY CEM
		DATE 11/09/06	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	-	FULTON	324	96
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

*109W-1,RS-2,110W,RS-1



NOTE
 TEMPORARY SOIL RETENTION SYSTEM WILL BE USED TO RETAIN SOIL BEHIND THE PROPOSED MANHOLE DROP STRUCTURE IN ORDER TO CONSTRUCT THE BASE PAD, INLET AND OUTLET PIPES, MANHOLE, AND BACKFILL AROUND THE STRUCTURE.



AREA OF SOIL TO BE RETAINED BY TEMP. SOIL RETENTION SYSTEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

8' DIA. MANHOLE DROP BOX, STATION 586+00.00 SOIL RETENTION DETAIL

SCALE: VERT. _____
 HORIZ. _____
 DATE 02/28/2006

DRAWN BY CEM
 CHECKED BY _____

PLOT DATE = 9/25/2007
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = mnumber.dwg

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	*	FULTON	329	97
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 5/31/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR
SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.
COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.		D	B	U	M	Surface Water Elev.		ft
Station		E	L	C	O	Stream Bed Elev.		ft
BORING NO.	58545	P	O	S	I	Groundwater Elev.:		
Station	585+45	T	W	S		First Encounter	521.6	ft
Offset	58.00ft Rt	H	S	Qu	T	Upon Completion	None	ft
Ground Surface Elev.	529.60					After 24 Hrs.	None	ft

Brown, Dk Brown SILTY CLAY LOAM	1							
	2	2.9	16.0					
	3	S						
525.60								
Brown, Gray CLAY LOAM	1							
	1	1.0	20.0					
	3	B						
523.10								
Gray, Brown CLAY LOAM TILL	1							
	2	1.7	14.0					
	5	B						
520.60								
Gray SHALEY CLAY	13							
	40		9.0					
	60@5"							
518.10								
Gray SHALE	65							
	100@2"		8.0					
516.90								
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
IDOT

SOIL BORING LOG

Date 3/21/05

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR
SECTION (109.110)W&RS-1 LOCATION .SEC., TWP., RNG.
COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.		D	B	U	M	Surface Water Elev.		ft
Station		E	L	C	O	Stream Bed Elev.		ft
BORING NO.	58600	P	O	S	I	Groundwater Elev.:		
Station	586+00	T	W	S		First Encounter	533.2	ft
Offset	80.00ft Lt	H	S	Qu	T	Upon Completion	533.2	ft
Ground Surface Elev.	545.70					After 24 Hrs.	537.6	ft

Brown SILTY CLAY LOAM A-6(20)	1							
	2	2.3	23.0					
	3	P						
	1							
	1	1.9	23.0					
	2	B						
	1							
	2	1.2	23.0					
	3	B						
	1							
	1	3.1	23.0					
	2	B						
539.20								
BrownGray SILTY CLAY LOAM A-6(17)	2							
	4	5.0	19.0					
	7	B						
	1							
	4	3.7	20.0					
	6	S						
	1							
	3	2.1	21.0					
	5	S						
	6							
534.20								
BrownGray CLAY LOAM A-6(13)	1							
	4	3.9	17.0					
	4	B						
	1							
	1	1.0	28.0					
	1	P						
	2							
	8	8.7	12.0					
	14	S						
	20							
	3							
	12	3.7	12.0					
	23	S						
	4							
	16	7.4	11.0					
	30	S						
	4							
	4							

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)

PLT DATE = 9/25/2007
PLT SCALE = 1/8"=1'-0"
USER NAME = maulsby

REVISIONS	
NAME	DATE

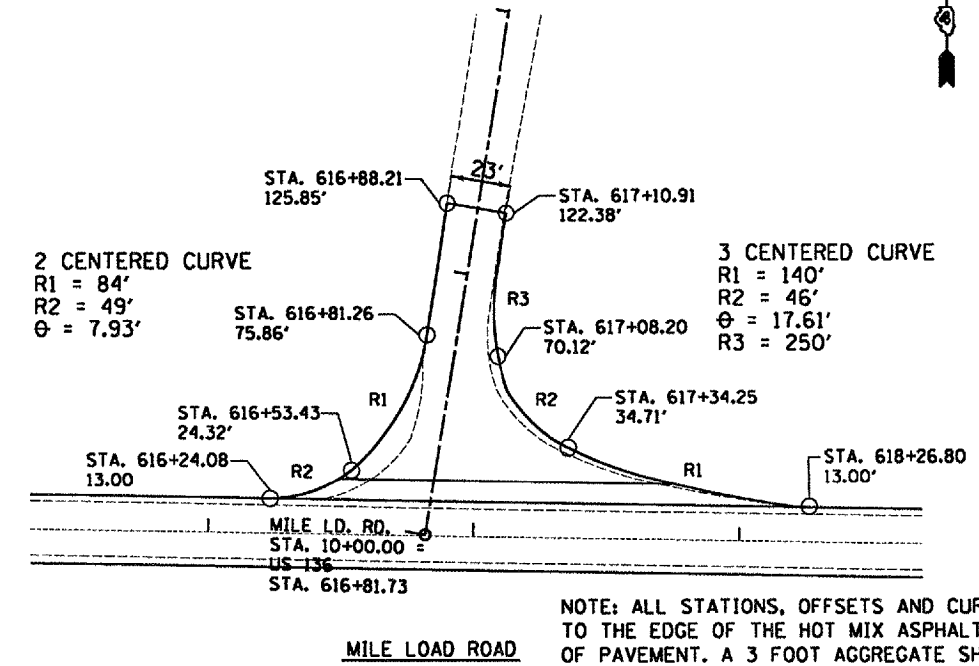
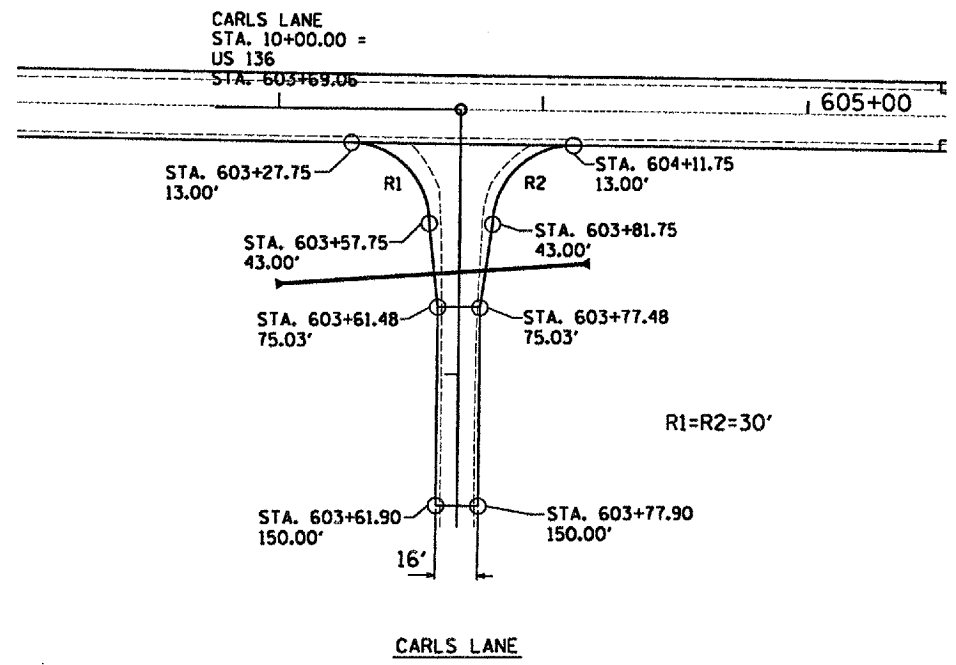
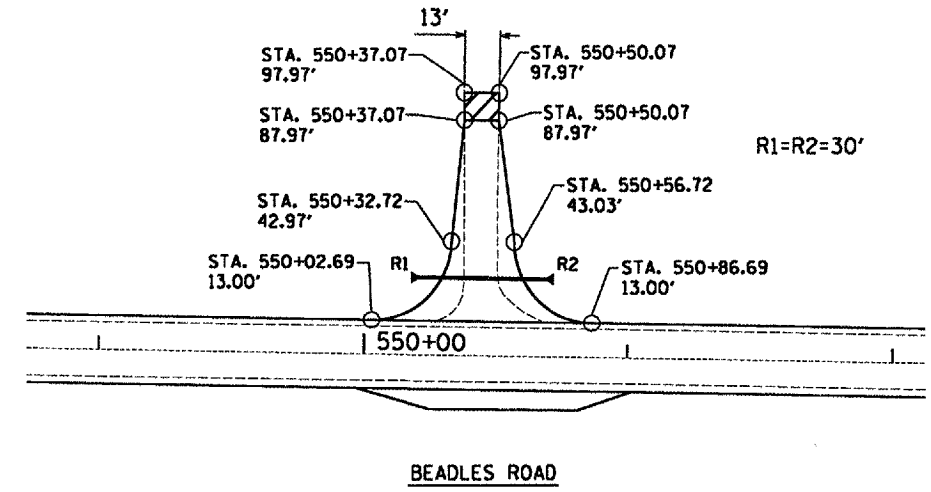
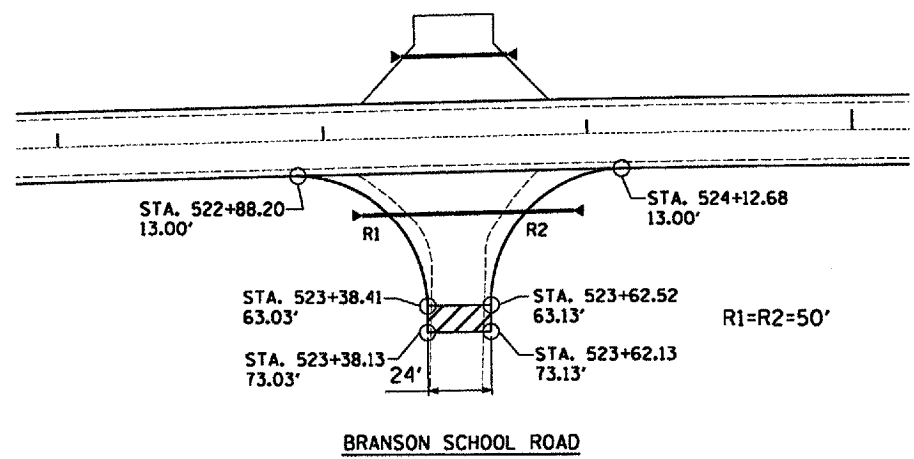
ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS STATION 586+00.00

SCALE: VERT. NONE
HORIZ. DATE 11/09/06

DRAWN BY CEM
CHECKED BY CEM

CONTRACT NO. 88518				
F.A. RYE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-315			324	98
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
-109W-1,RS-2;110W,RS-1				



NOTE: ALL STATIONS, OFFSETS AND CURVE DATA IS SHOWN TO THE EDGE OF THE HOT MIX ASPHALT OR AGGREGATE EDGE OF PAVEMENT. A 3 FOOT AGGREGATE SHOULDER IS ADDED AT THE OUTSIDE OF EACH RADII

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

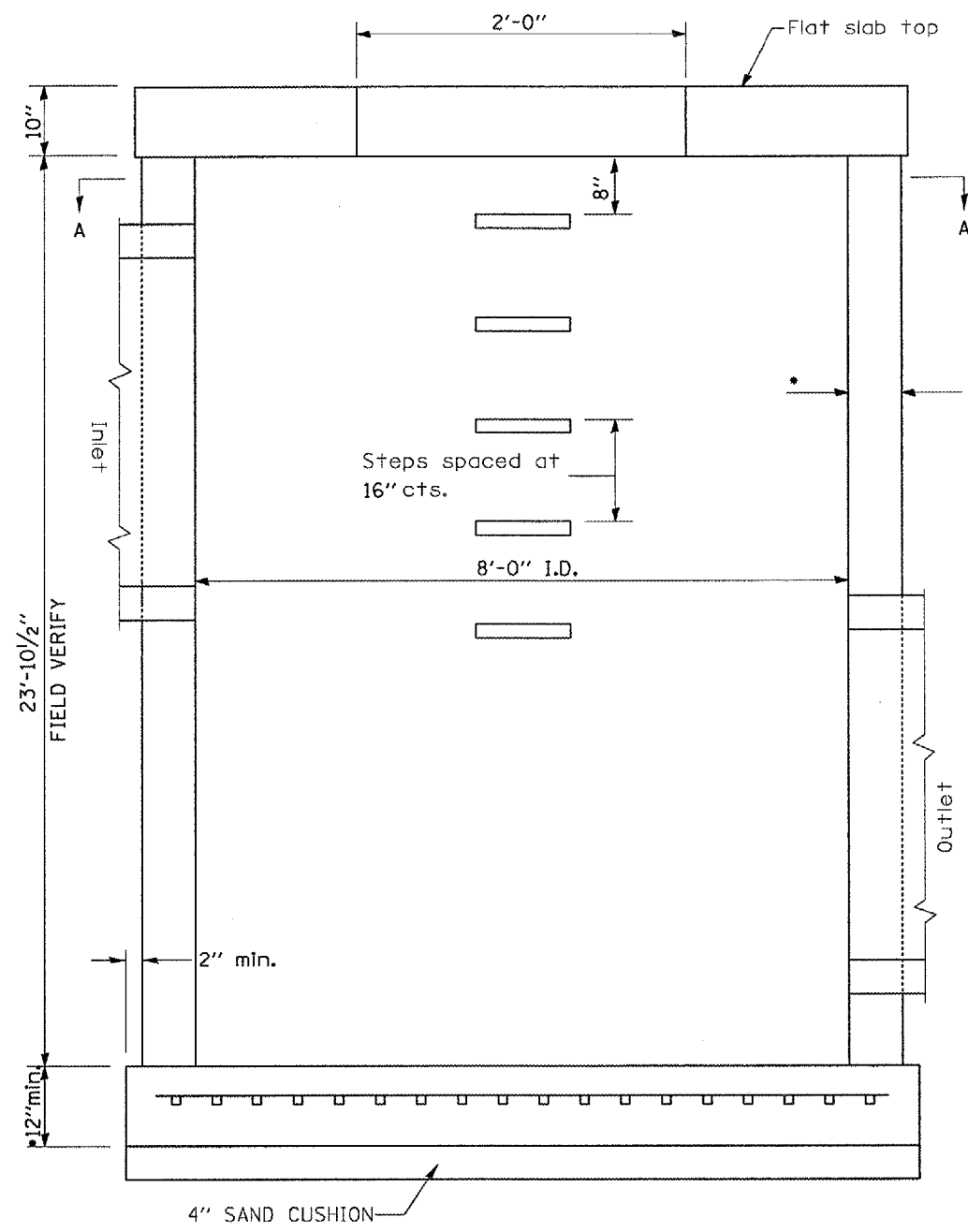
SIDEROAD GEOMETRIC
DETAIL

SCALE: VERT.
HORIZ.
DATE 08/16/06

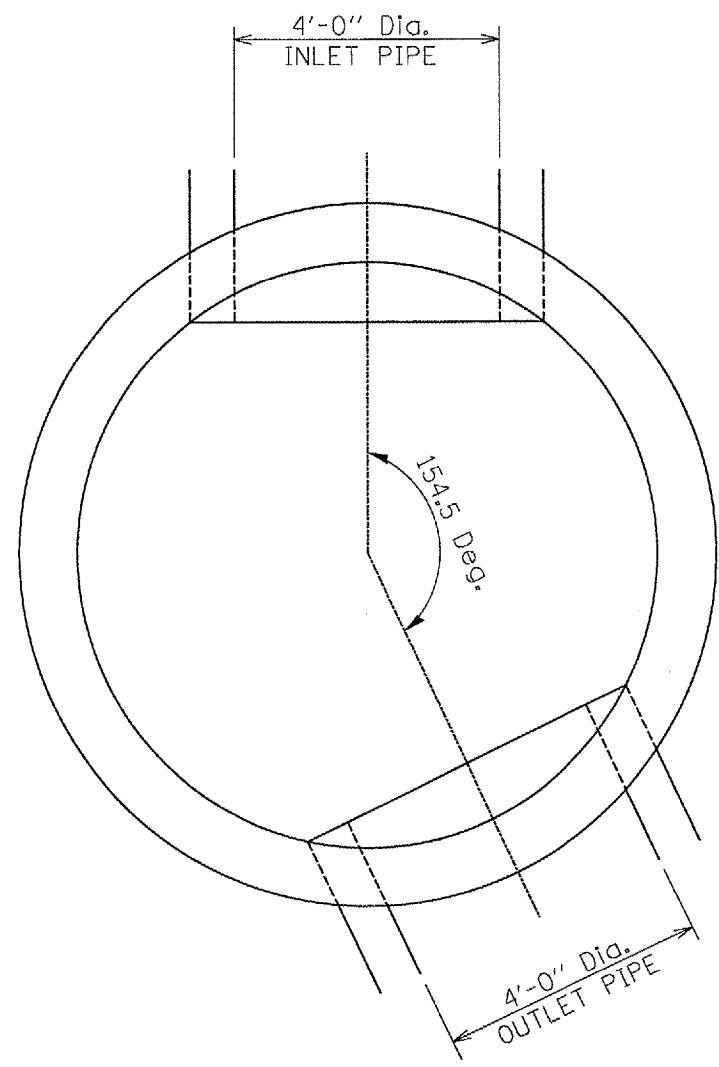
DRAWN BY CEM
CHECKED BY

PLOT DATE = 9/25/2007
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mshaharide

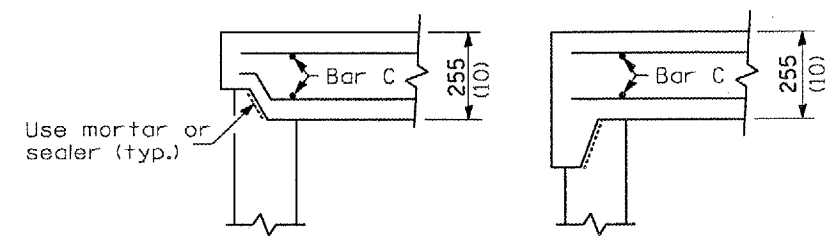
CONTRACT NO. 88518				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	.	FULTON	324	99
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*109W-1.R5-2;110W.R5-1				



ELEVATION



**SECTION A-A
PLAN**



ALTERNATE JOINT CONFIGURATIONS

* Concrete Manhole, Manhole Base, and Flat Slab Top shall be precast and conform to the requirements of Articles 1042.03(b) and 1042.10 of the Standard Specs. Thickness of manhole and manhole base to be determined by the precast manufacturer.

GENERAL NOTES

Subgrade and Subbase shall be compacted to the satisfaction of the engineer prior to placement of manhole base and manhole

Lifting devices shall be approved by the Engineer.

Bottom slabs shall be reinforced with a minimum of 1390 sq. mm/m (0.655 sq. in./ft.) in both directions.

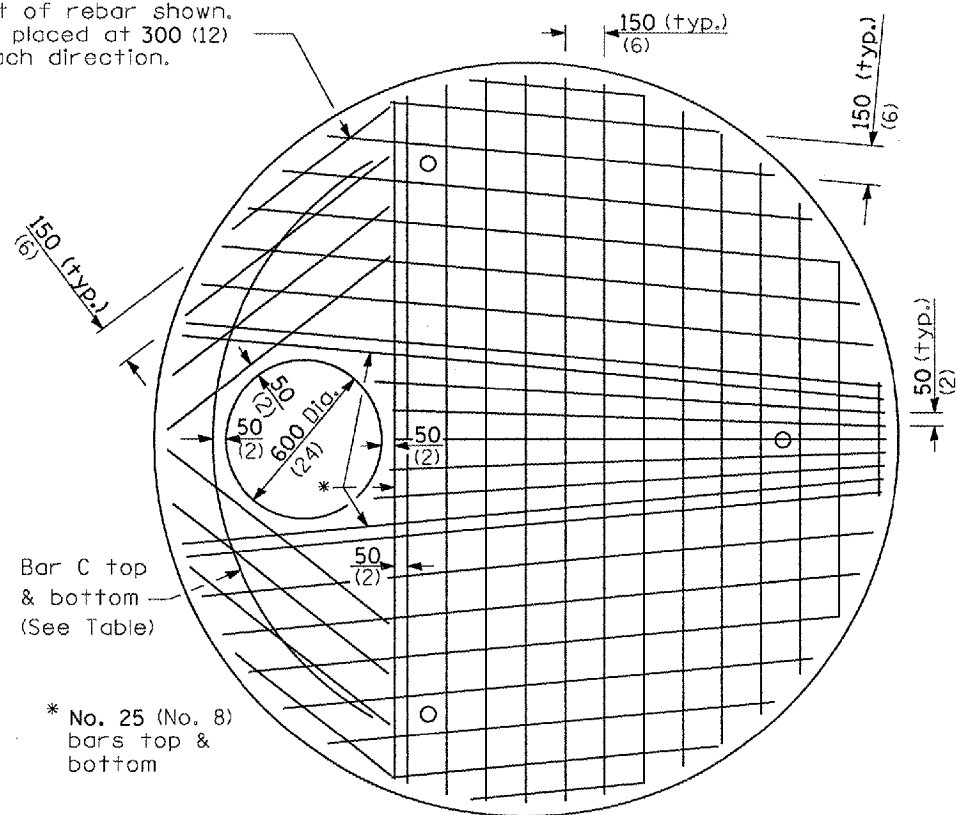
See Standard 602701 for details of manhole steps.

**MANHOLE TYPE A
2.4 m (8') DIAMETER**

(Sheet 1 of 2)

PLOT DATE = 9/25/2007
FILE NAME = c:\projects\1074228\1074228.dgn
PLOT SCALE = 1074228 / 1
USER NAME = msharada

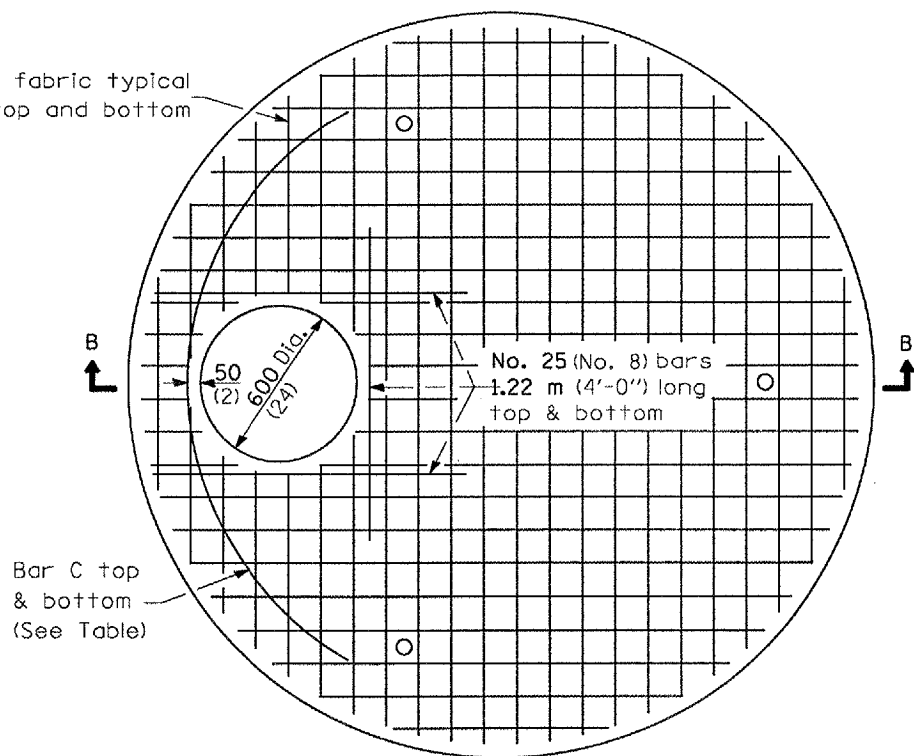
Bottom mat of rebar shown.
Top mat is placed at 300 (12)
centers each direction.



PLAN

Showing Rebar Reinforcement

Welded wire fabric typical
placed at top and bottom

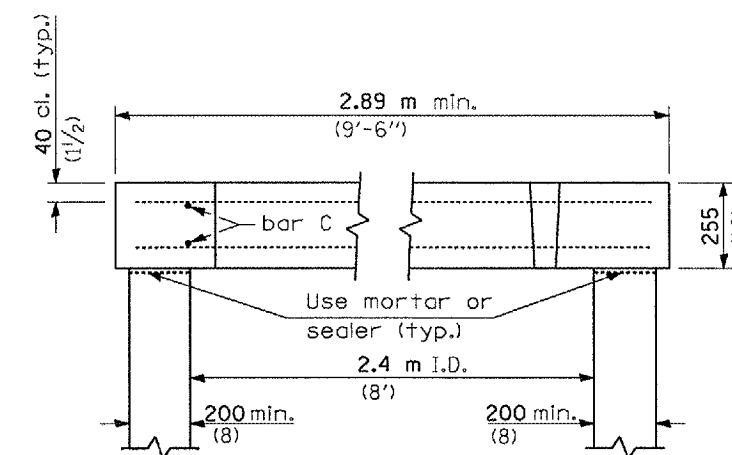


PLAN

Showing Welded Wire Fabric Reinforcement

Diameter of opening	Reinforcement Bar Size	Reinforcement "As" WWF each direction	No. 13 (No. 4) Bar C	
			Length	Radius
600 (24)	Bottom mat No. 25 (No. 8)	Bottom mat *** 3325 sq. mm/m (1.57) sq. in./ft.	2.60 m (8'-6")	1.219 m (4'-0")
	Top mat No. 13 (No. 4)	Top mat *** 470 sq. mm/m (0.22) sq. in./ft.		

*** A maximum of two layers of welded wire fabric may be used to satisfy the required "As" for each mat.



SECTION B-B

SEE STANDARD 604001 FOR FRAME AND CLOSED LID DETAIL FOR FLAT SLAB TOP

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

MANHOLE TYPE A
2.4 m (8') DIAMETER

(Sheet 2 of 2)