

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED  
HIGHWAY SAFETY IMPROVEMENT**

**HIGH RISK RURAL ROADS PROGRAM  
F.A.S. ROUTE 574 - C.H. 2 (ATHENS BLACKTOP)**

**PROJECT NO. HRR-0574(206)**

**SECTION 08-00056-03-PV**

**MENARD COUNTY**

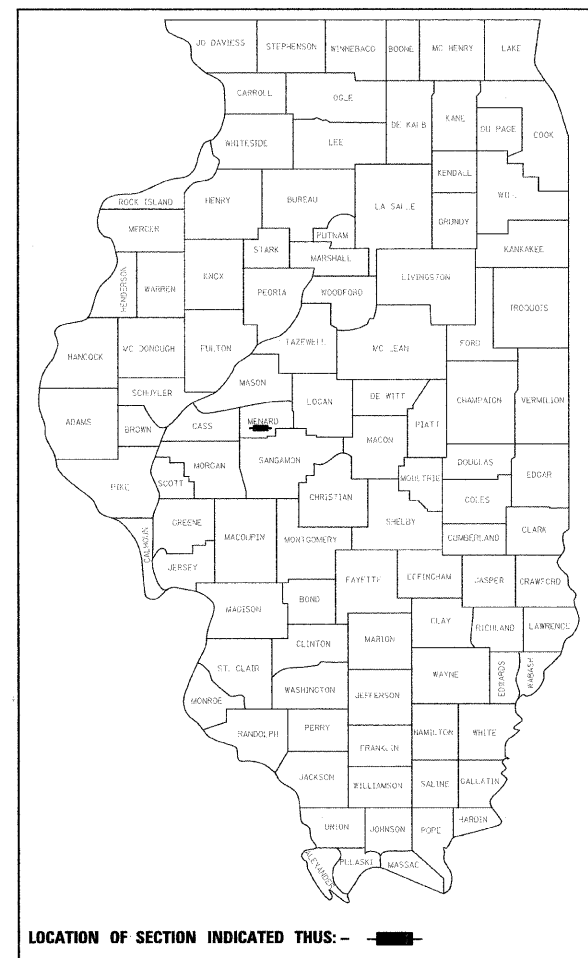
**JOB NO. C-96-228-09**

INDEX OF SHEETS

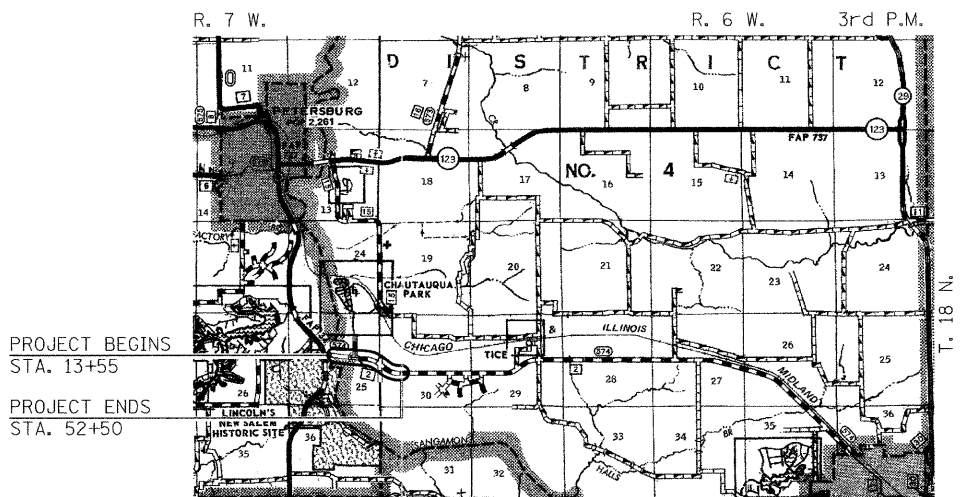
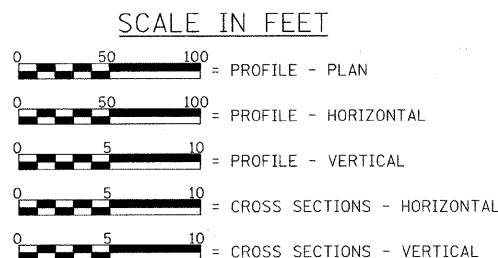
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LOCATION OF SECTION INDICATED THUS: - **█** -

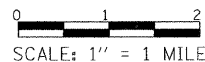


PROJECT BEGINS  
STA. 13+55

PROJECT ENDS  
STA. 52+50

LOCATION PLAN

LENGTH OF SECTION - 3895.00 FEET = 0.738 MILES



LAND SECTION - 25 & 30  
LAND QUARTER SECTION - N.E. & S.W.  
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR (NON-URBAN)  
A.D.T. - 2100 (2008)  
A.D.T. - 2614 (2030)  
45 & 55 M.P.H. DESIGN SPEED

PROJECT DESCRIPTION: PROJECT CONSISTS OF THE WIDENING AND HOT MIX ASPHALT RESURFACING OF THE ENTIRE PROJECT, CONCRETE GUTTER PLACEMENT, CULVERT REPLACEMENT, GUARDRAIL REMOVAL AND REPLACEMENT, INTERSECTION IMPROVEMENT AND OTHER ROADWAY ITEMS OF WORK TO BE BUILT UNDER ROAD CLOSURE.



*Christopher P. Kelly* 10/14/11  
EXPIRATION: 11/30/2011

APPROVED Oct 13, 2011  
*Thomas R. Cass*  
COUNTY ENGINEER

PASSED DECEMBER 31, 2011  
*Teresa H. Hunter*  
DISTRICT SIX ENGINEER OF  
LOCAL ROADS & STREETS

PASSED 10-31, 2011  
*Ron Anderson*  
DISTRICT SIX CONSTRUCTION ENGINEER

Releasing For  
Bid Based on  
Limited Review DECEMBER 31, 2011  
*Robert J. O'Neil*  
DEPUTY DIRECTOR OF HIGHWAYS,  
REGION FOUR ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOLL FREE  
"JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS"  
(U.L.L.I.E.) TELEPHONE NUMBER  
1-800-892-0123

CONTRACT NO. **93558**

FILE NAME #FILE#	USER NAME #USER#	DESIGNED DRAWN	REVISED REVISED	<p>Allen Henderson &amp; Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907</p>	<p><b>TITLE SHEET</b></p> <p>SCALE: 1" = 1 MILE SHEET NO. 1 OF ... SHEETS STA. 13+55.00 TO STA. 52+50.00</p>	F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 1
PLOT SCALE #SCALE#	CHECKED DATE	REVISED REVISED	CONTRACT NO. <b>93558</b>			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE #DATE#	DATE	REVISED								

**PROPERTY OWNER ACCESS REQUIREMENT**

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

**GENERAL NOTES**

- 1.) THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 2.) EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 3.) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- 4.) SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
- 5.) ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- 6.) UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- 7.) ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 8.) ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- 9.) IN ADDITION TO THE FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- 10.) THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
- 11.) THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND IS INTENDED TO BE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS.
- 12.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.
- 13.) ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM. ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
- 14.) THE MENARD COUNTY ENGINEER SHALL BE NOTIFIED AT LEAST 21 DAYS PRIOR TO CLOSING THE ROAD TO TRAFFIC (PH: 217-632-2722).

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ.YD. (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.375 GAL/SQ.YD. (ON AGG)
HOT MIX ASPHALT SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	2.05 TON/CU. YD.
RIPRAP	1.5 TON/CU. YD.
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.
AGRICULTURAL GROUND LIMESTONE	2.0 TON/ACRE

**MIXTURE REQUIREMENTS**

MIXTURE USE(S)	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT MIX ASPHALT BINDER COURSE	HOT MIX ASPHALT BASE COURSE WIDENING
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N 50
MIXTURE COMPOSITION	IL 9.5 OR 12.5	IL 19.0	IL 19.0 OR 25.0
FRICTION AGGREGATE	MIX C	N/A	N/A

**UTILITIES**

MENARD RURAL WATER COOPERATIVE  
MR. WAYNE E. JONES, MANAGER  
P.O. BOX 86  
PETERSBURG, ILLINOIS 62675  
217-632-7746

MENARD ELECTRIC COOPERATIVE  
MR. ALAN HORN  
P.O. BOX 200  
PETERSBURG, ILLINOIS 62675  
217-632-7746

CASS CABLE TV, INC.  
MR. G.R. MANSFIELD  
100 REDBUD ROAD  
P.O. BOX 200  
VIRGINIA, ILLINOIS 62691  
217-452-7800

AMEREN ILLINOIS  
MR. CHUCK STEINACHER, GAS ENGINEER  
222 NORTH CHURCH STREET  
VIRDEN, ILLINOIS 62690  
217-741-6547


AT&T  
MR. MARK MILLER  
529 SOUTH 7TH STREET  
FLOOR 3B  
SPRINGFIELD, ILLINOIS 62721  
217-789-8367

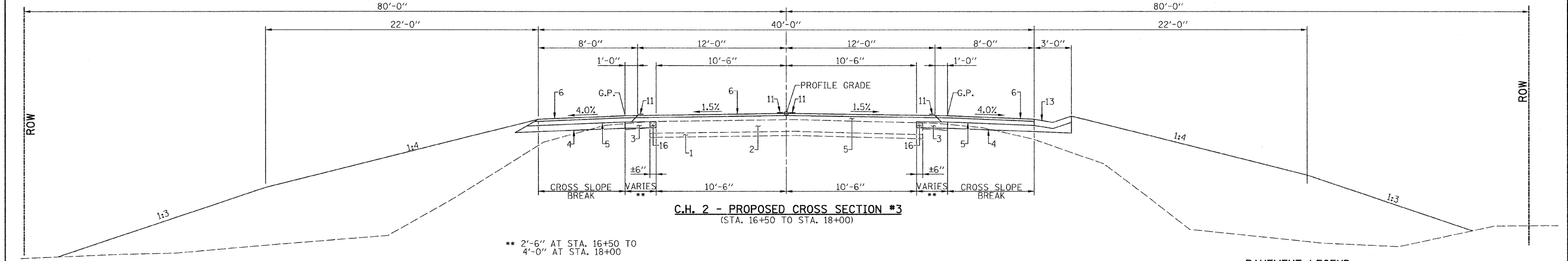
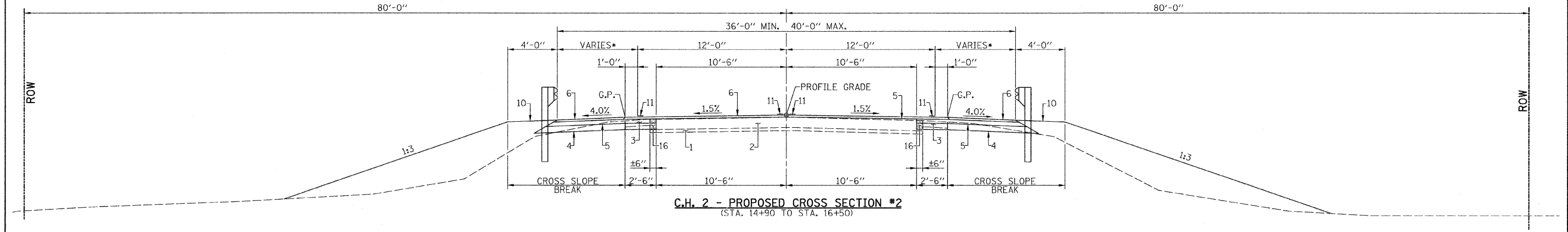
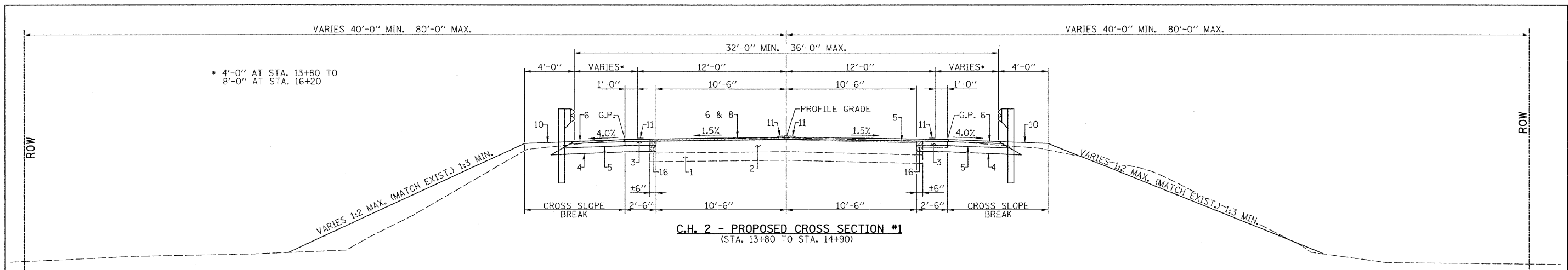
**SUMMARY OF QUANTITIES**

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30
20100210	TREE REMOVAL (OVER 15 UNITS UNITS DIAMETER)	UNIT	54
20100500	TREE REMOVAL, ACRES	ACRE	2.4
20200100	EARTH EXCAVATION	CU YD	2403
20400800	FURNISHED EXCAVATION	CU YD	21046
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ. YD.	332
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	620
28000305	TEMPORARY DITCH CHECKS	FOOT	96
28000400	PERIMETER EROSION BARRIER	FOOT	7635
28300400	AGGREGATE DITCH	TON	531
35100100	AGGREGATE BASE COURSE, TYPE A	TON	2576
35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	1104
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1202
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5.50
40600300	AGGREGATE (PRIME COAT)	TON	29
40600982	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	339
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3379
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1690
44000100	PAVEMENT REMOVAL	SQ YD	1419
48100100	AGGREGATE SHOULDERS, TYPE A	TON	1141
50105220	PIPE CULVERT REMOVAL	FOOT	392
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	86
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	140
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	214
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2
54215550	METAL END SECTIONS 15"	EACH	8
54215553	METAL END SECTIONS 18"	EACH	9
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1
60100955	PIPE DRAINS 15"	FOOT	76
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1
60405800	GRATES AND COVERS, TYPE 2A	EACH	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	29.7
60602500	CONCRETE GUTTER, TYPE A	FOOT	3825
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	350
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	2
63200310	GUARDRAIL REMOVAL	FOOT	394
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	37
67100100	MOBILIZATION	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	16236
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	6.9
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3936
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	6.6
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	10
XX005721	WATER METER TO BE ADJUSTED	EACH	4
XX006066	SIGN TO BE RELOCATED	EACH	2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0022800	FENCE REMOVAL	FOOT	2247
Z0041500	PLUG EXISTING CULVERTS	EACH	1
Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	46
Z0076000	TRAINNEES	HR	600

\* SEE SPECIAL PROVISIONS  
Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: 0004

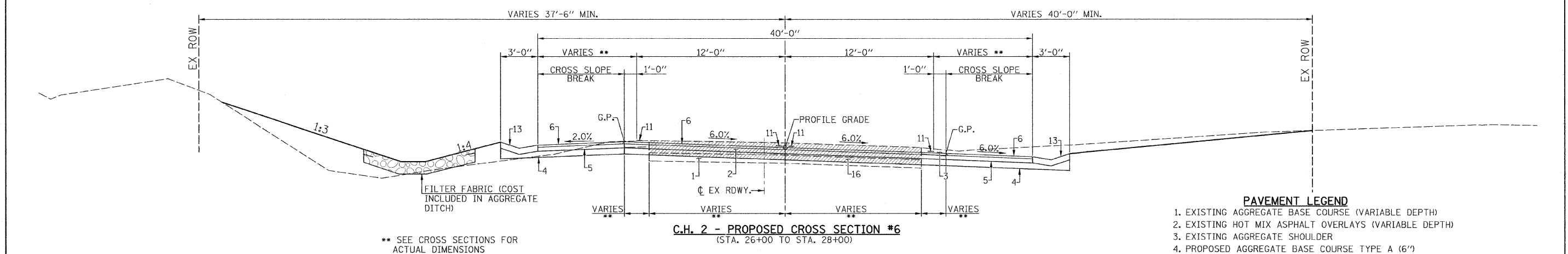
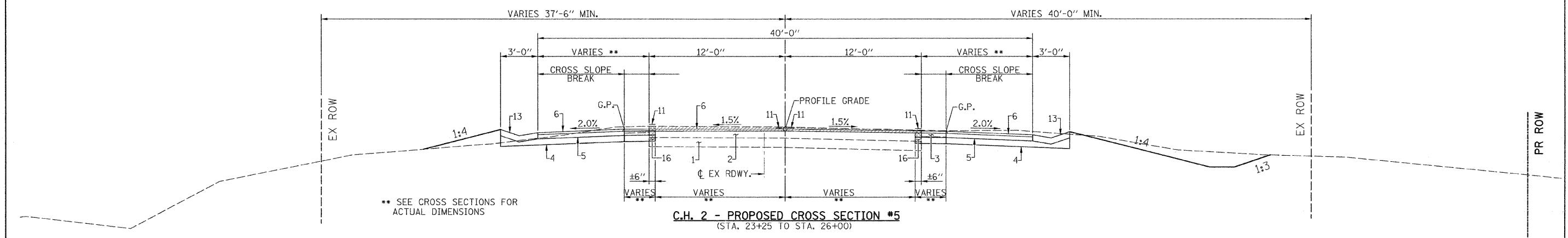
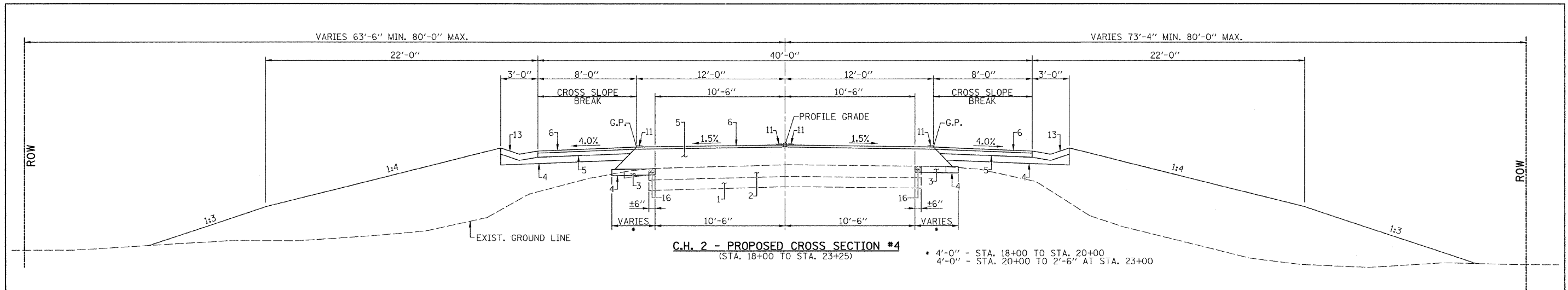
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PLOT SCALE:	CHECKED:	REVISED:	574				08-00056-03-PV	MENARD	52	2		
PLOT DATE: *08/11/08*	DATE:	REVISED:	SCALE: NONE		STA. 13+55.00 TO STA. 52+50.00		CONTRACT NO. 93558					
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



- PAVEMENT LEGEND**
1. EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
  2. EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
  3. EXISTING AGGREGATE SHOULDER
  4. PROPOSED AGGREGATE BASE COURSE TYPE A (6")
  5. PROPOSED HOT MIX ASPHALT BINDER COURSE IL-19.0 N50 (VARIABLE DEPTH)
  6. PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX. C N50 (2")
  7. PROPOSED AGGREGATE BASE COURSE 9"
  8. PROPOSED HOT MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH (2" MIN.)
  9. PROPOSED AGGREGATE SHOULDERS TYPE A (6")
  10. PROPOSED EARTH SHOULDER
  11. PROPOSED PAINT PAVEMENT MARKING LINE 4"
  12. PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  13. PROPOSED TYPE A GUTTER
  14. AGGREGATE DITCH
  15. PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  16. PAVEMENT REMOVAL
  17. PROPOSED AGGREGATE BASE (12")

▨ - INDICATES HMA SURF. REMOVAL  
 ▩ - INDICATES HMA PAVEMENT REMOVAL

FILE NAME -	USER NAME = #USER#	DESIGNED -	REVISED -	<p><b>Allen Henderson &amp; Associates, Inc.</b>          Civil and Structural Engineers Springfield, IL          62703 Phone: (217)544-8033 IL Design Firm          No. 184-001907</p>	<p><b>TYPICAL SECTIONS</b></p> <p>SCALE: NONE</p>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = #SCALE#	CHECKED -	REVISED -	CONTRACT NO. 93558							
PLOT DATE = #DATE#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



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DRAWN -	CHECKED -	DATE -

DESIGNED -	REVISED -

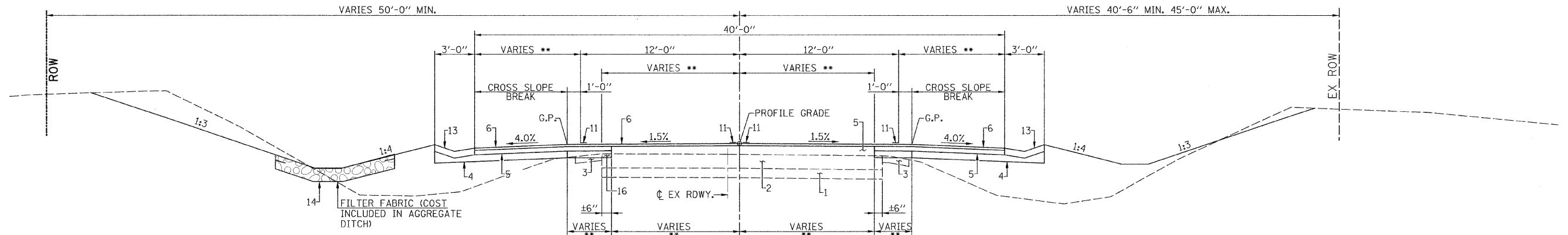
REVISIONS	



**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL  
62703 Phone: (217)544-8033 IL Design Firm  
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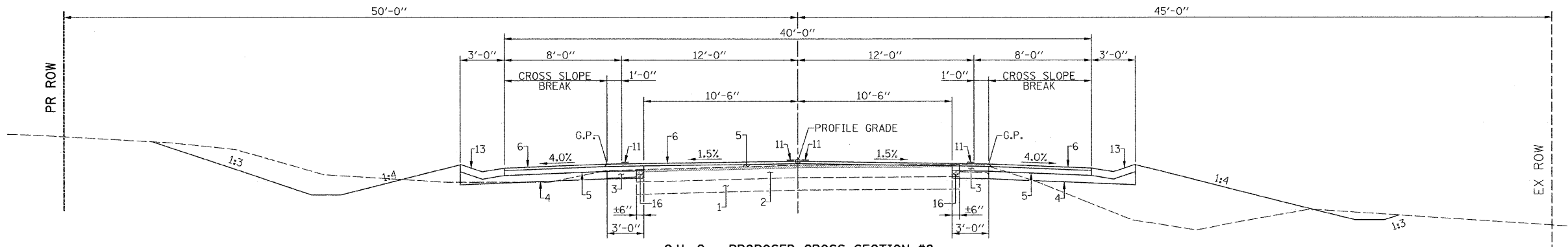
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

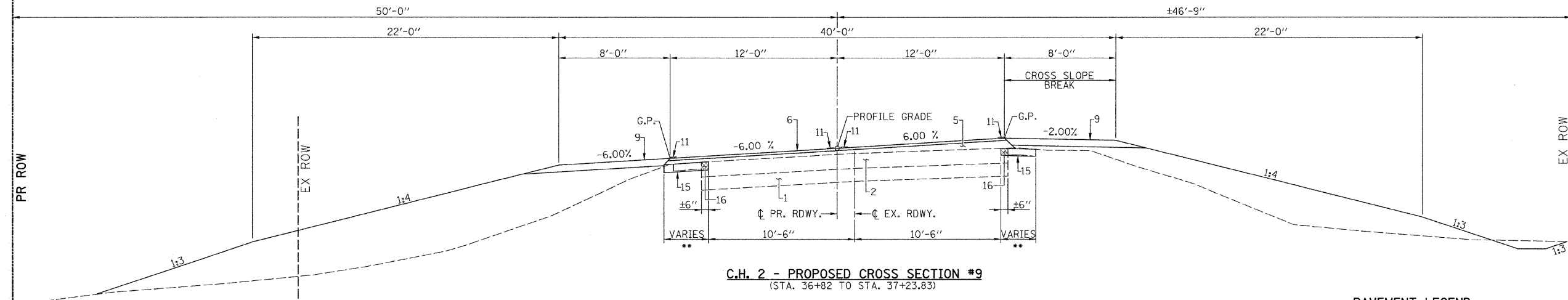


\*\* SEE CROSS SECTIONS FOR ACTUAL DIMENSIONS

**C.H. 2 - PROPOSED CROSS SECTION #7**  
(STA. 28+00 TO STA. 35+94)

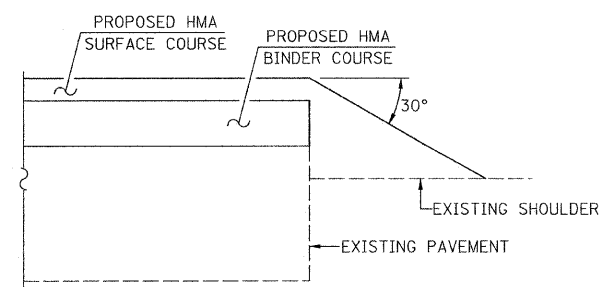


**C.H. 2 - PROPOSED CROSS SECTION #8**  
(STA. 35+94 TO STA. 36+82)



**C.H. 2 - PROPOSED CROSS SECTION #9**  
(STA. 36+82 TO STA. 37+23.83)

\*\* 3'-0" - STA. 36+82 TO STA. 38+00



**SAFETY EDGE AT EDGE OF PAVEMENT**  
STA. 36+82 TO STA. 52+50

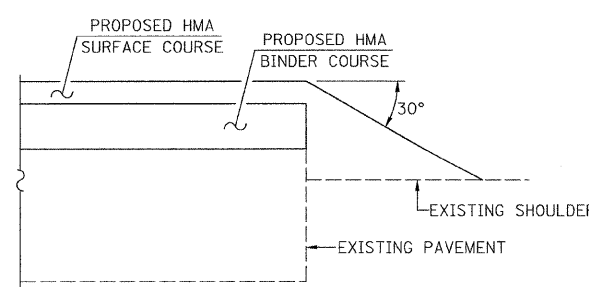
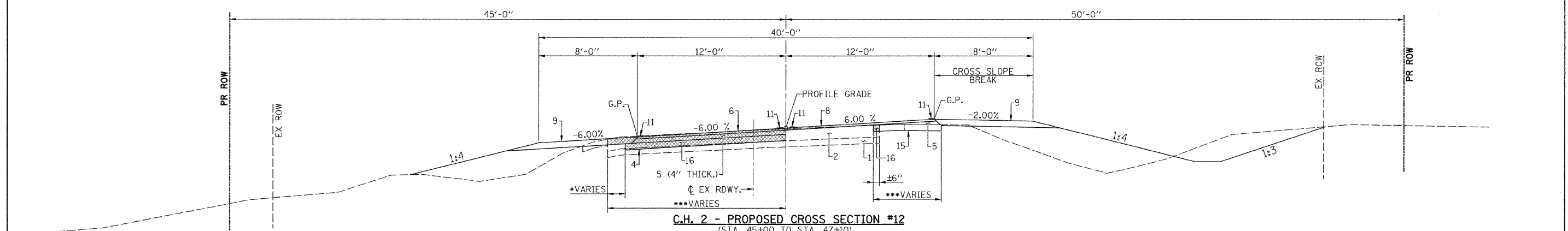
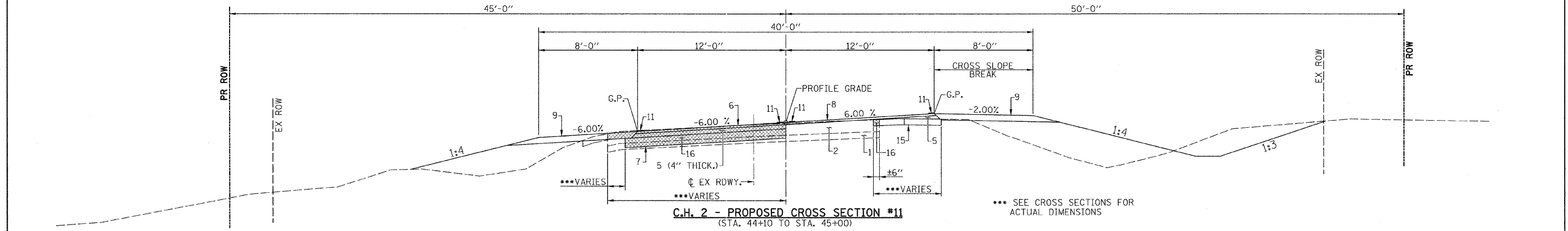
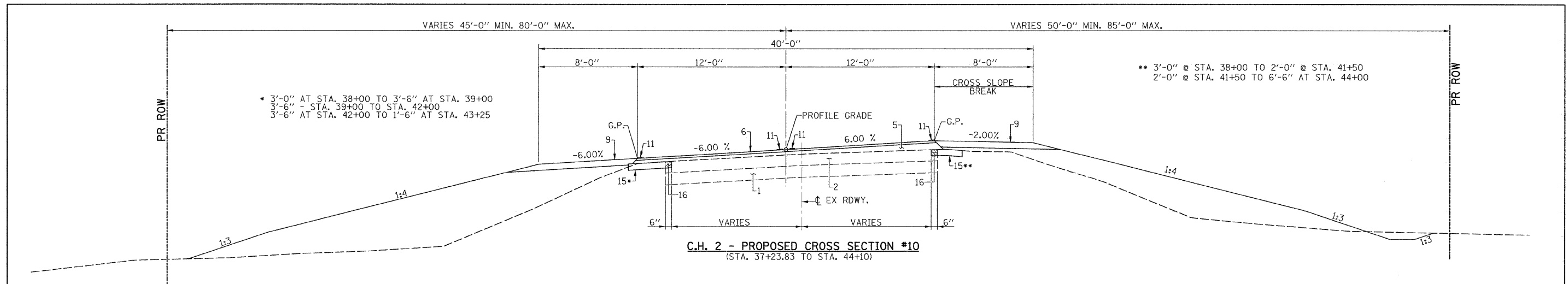
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  11. PROPOSED PAINT PAVEMENT MARKING LINE 4"
  12. PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  13. PROPOSED TYPE A GUTTER
  14. AGGREGATE DITCH
  15. PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  16. PAVEMENT REMOVAL
  17. PROPOSED AGGREGATE BASE (12")
- INDICATES HMA SURF. REMOVAL  
 - INDICATES HMA PAVEMENT REMOVAL

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**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

<b>TYPICAL SECTIONS</b>	
SCALE: NONE	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

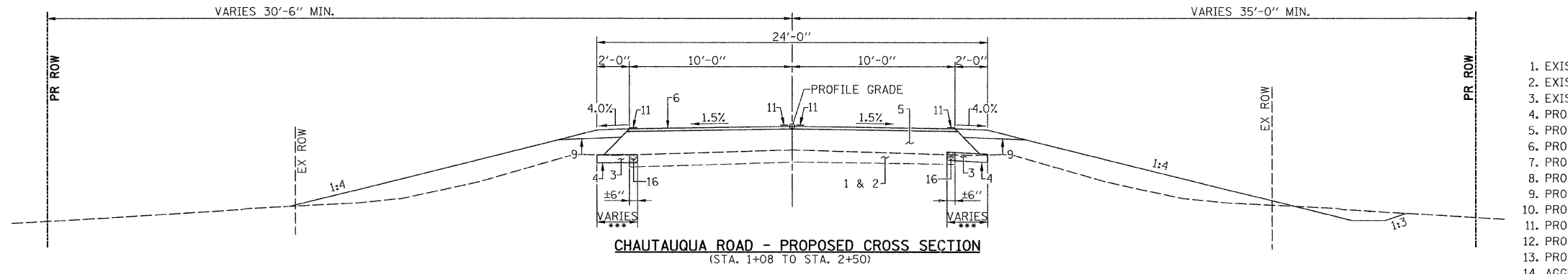
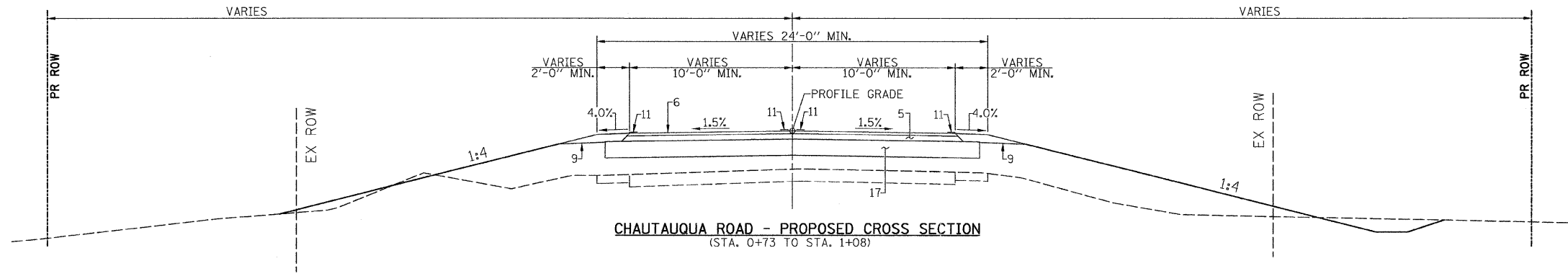
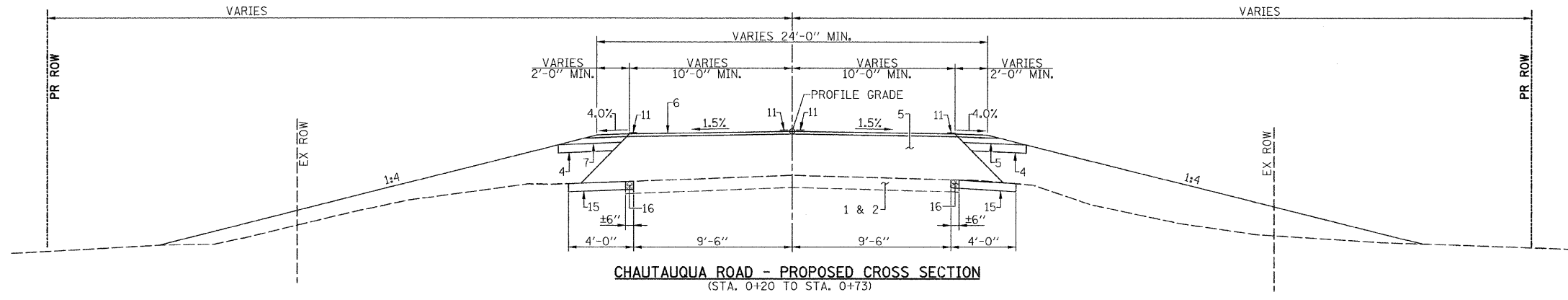
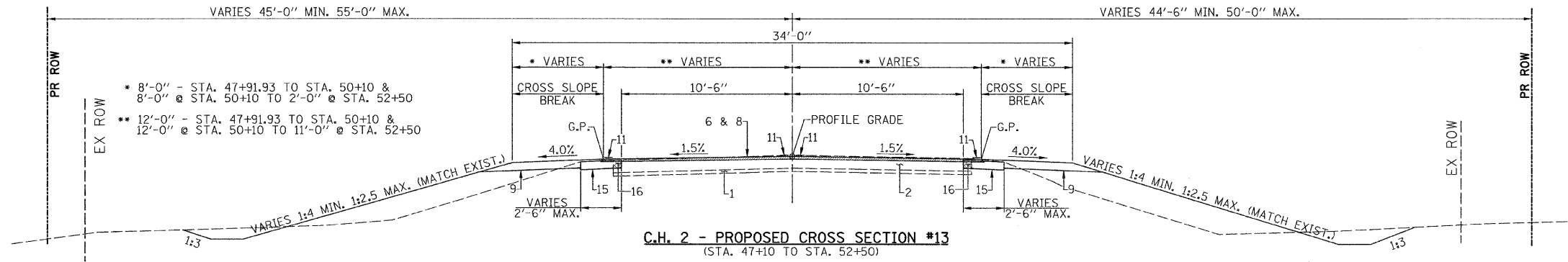


**SAFETY EDGE AT EDGE OF PAVEMENT**  
STA. 36+82 TO STA. 52+50

- PAVEMENT LEGEND**
- EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
  - EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
  - EXISTING AGGREGATE SHOULDER
  - PROPOSED AGGREGATE BASE COURSE TYPE A (6")
  - PROPOSED HOT MIX ASPHALT BINDER COURSE IL-19.0 N50 (VARIABLE DEPTH)
  - PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX. C N50 (2")
  - PROPOSED AGGREGATE BASE COURSE 9"
  - PROPOSED HOT MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH (2" MIN.)
  - PROPOSED AGGREGATE SHOULDERS TYPE A (6")
  - PROPOSED EARTH SHOULDER
  - PROPOSED PAINT PAVEMENT MARKING LINE 4"
  - PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  - PROPOSED TYPE A GUTTER
  - AGGREGATE DITCH
  - PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  - PAVEMENT REMOVAL
  - PROPOSED AGGREGATE BASE (12")

▨ - INDICATES HMA SURF. REMOVAL  
▩ - INDICATES HMA PAVEMENT REMOVAL

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<p><b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907</p>	<p><b>TYPICAL SECTIONS</b></p> <p>SCALE: NONE</p>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -			CONTRACT NO. 93558					
		DATE	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



\*\*\* 4'-0" AT STA. 1+08 TO 2'-6" AT STA. 2+00  
2'-6" - STA. 2+00 TO STA. 2+50

▨ - INDICATES HMA SURF. REMOVAL  
▩ - INDICATES HMA PAVEMENT REMOVAL

- PAVEMENT LEGEND**
1. EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
  2. EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
  3. EXISTING AGGREGATE SHOULDER
  4. PROPOSED AGGREGATE BASE COURSE TYPE A (6")
  5. PROPOSED HOT MIX ASPHALT BINDER COURSE IL-19.0 N50 (VARIABLE DEPTH)
  6. PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX. C N50 (2")
  7. PROPOSED AGGREGATE BASE COURSE 9"
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  11. PROPOSED PAINT PAVEMENT MARKING LINE 4"
  12. PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  13. PROPOSED TYPE A GUTTER
  14. AGGREGATE DITCH
  15. PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  16. PAVEMENT REMOVAL
  17. PROPOSED AGGREGATE BASE (12")

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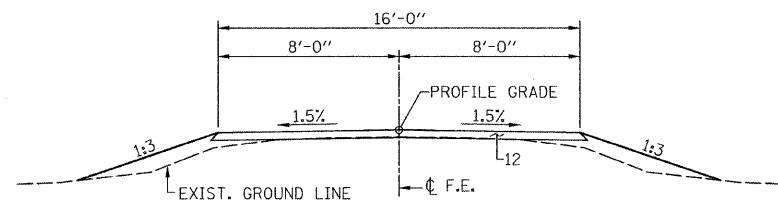
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CHECKED -	REVISD -
DATE -	REVISD -

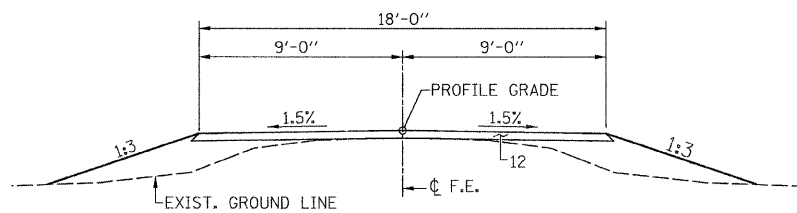
**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

<b>TYPICAL SECTIONS</b>	
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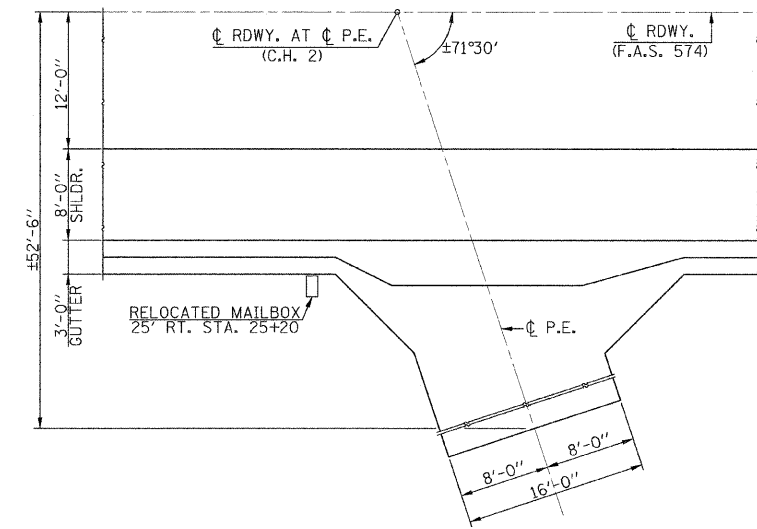
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574	08-00056-03-PV	MENARD	52	7
CONTRACT NO. 93558				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



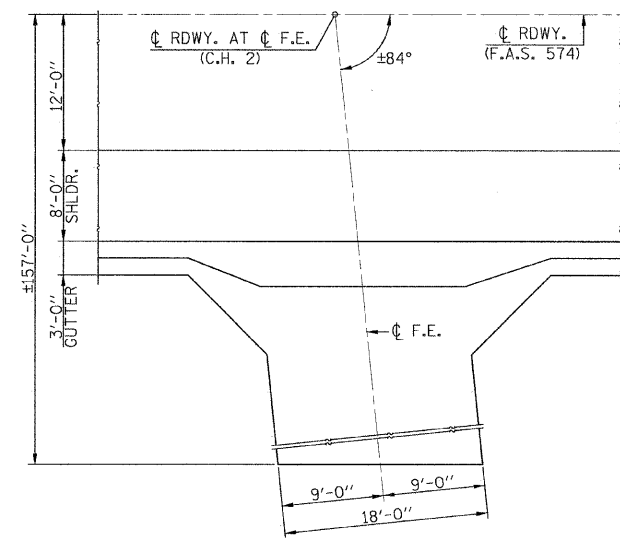
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(P.E - STA. 25+27.5 RT.)



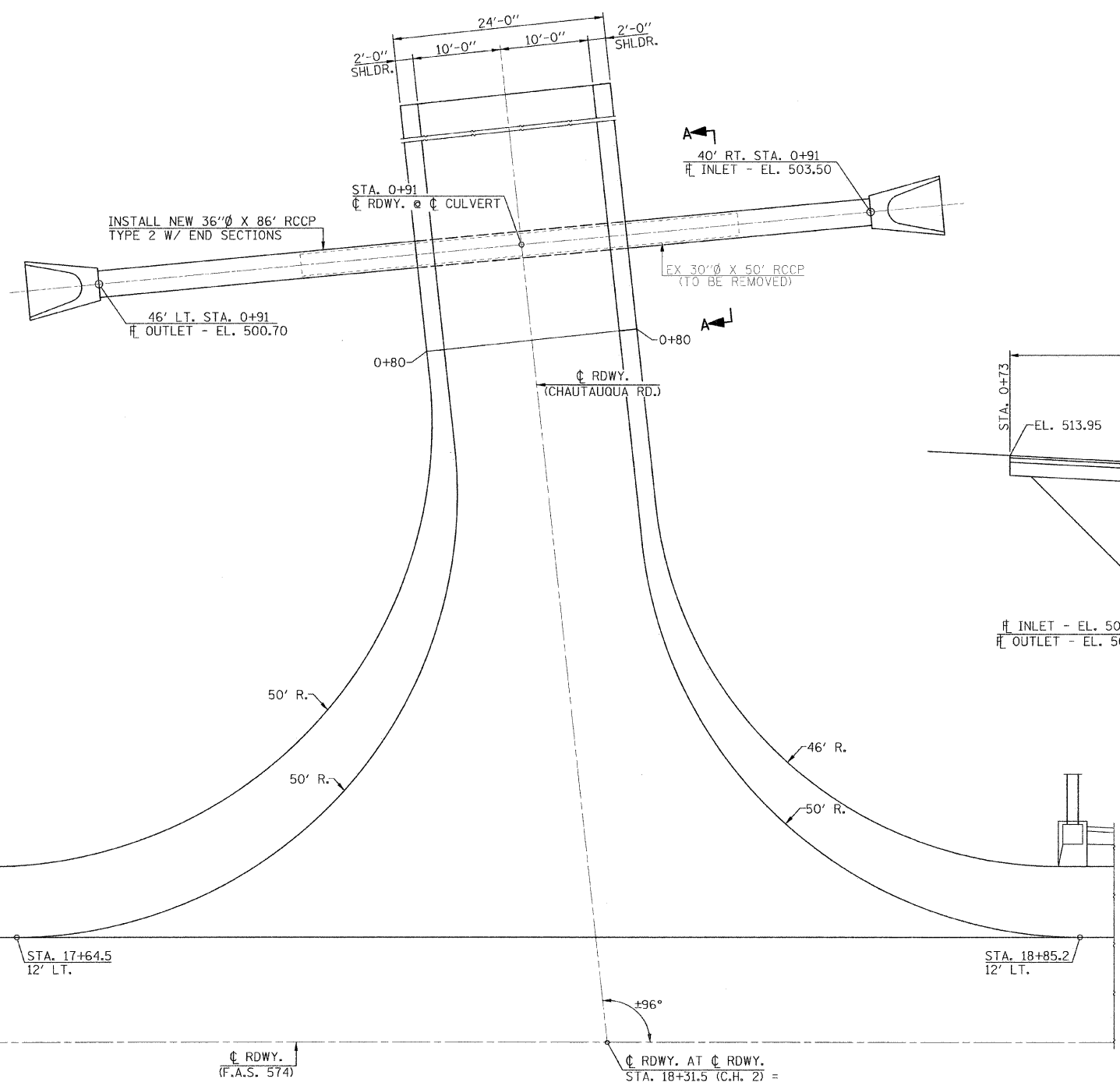
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(F.E - STA. 21+79 RT.)



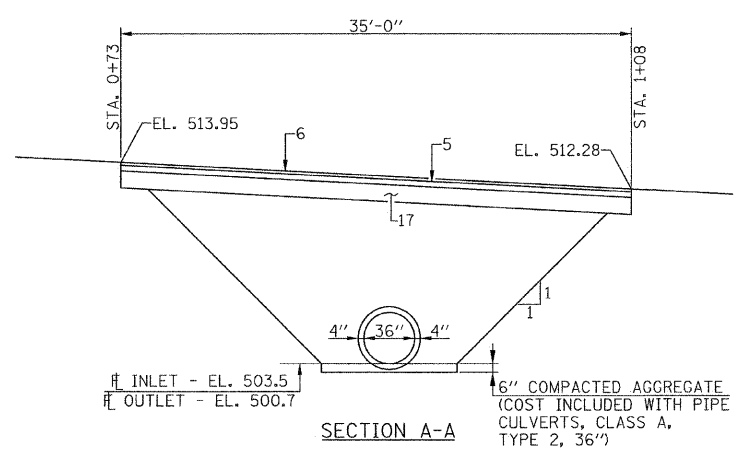
**PLAN**  
(P.E - STA. 25+27.5 RT.)



**PLAN**  
(F.E - STA. 21+79 RT.)



**PLAN**  
STA. 18+31.5 (C.H. 2) = STA. 0+00 (CHAUTAUQUA RD.)

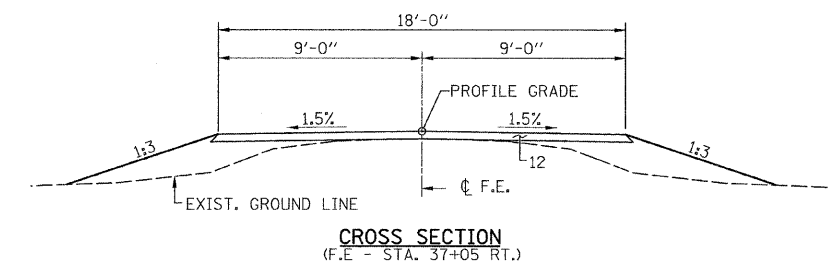
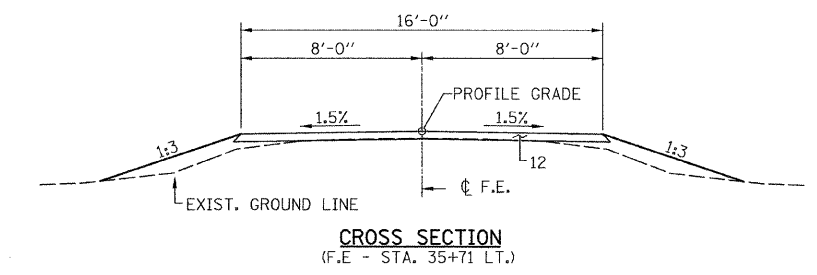
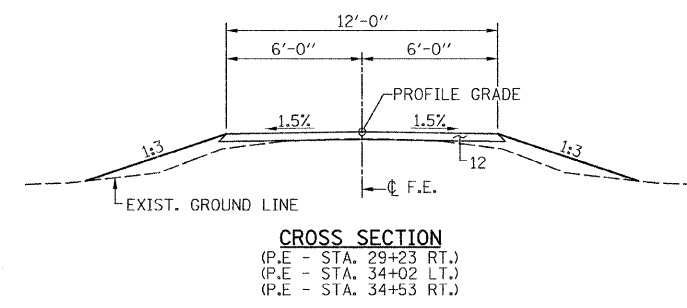
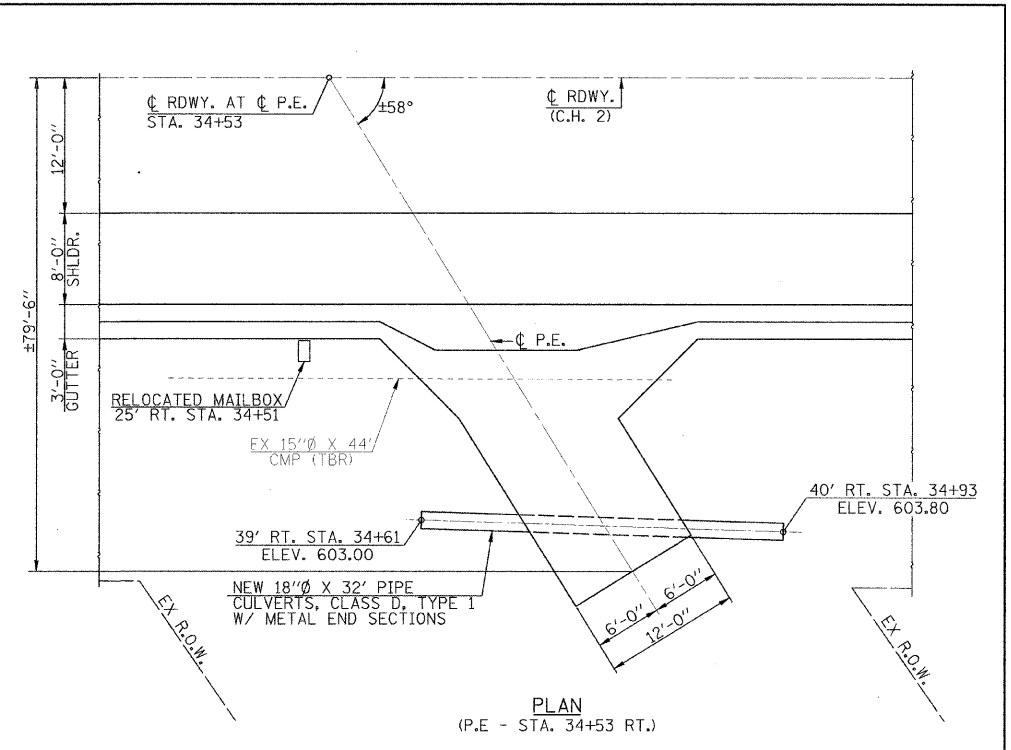
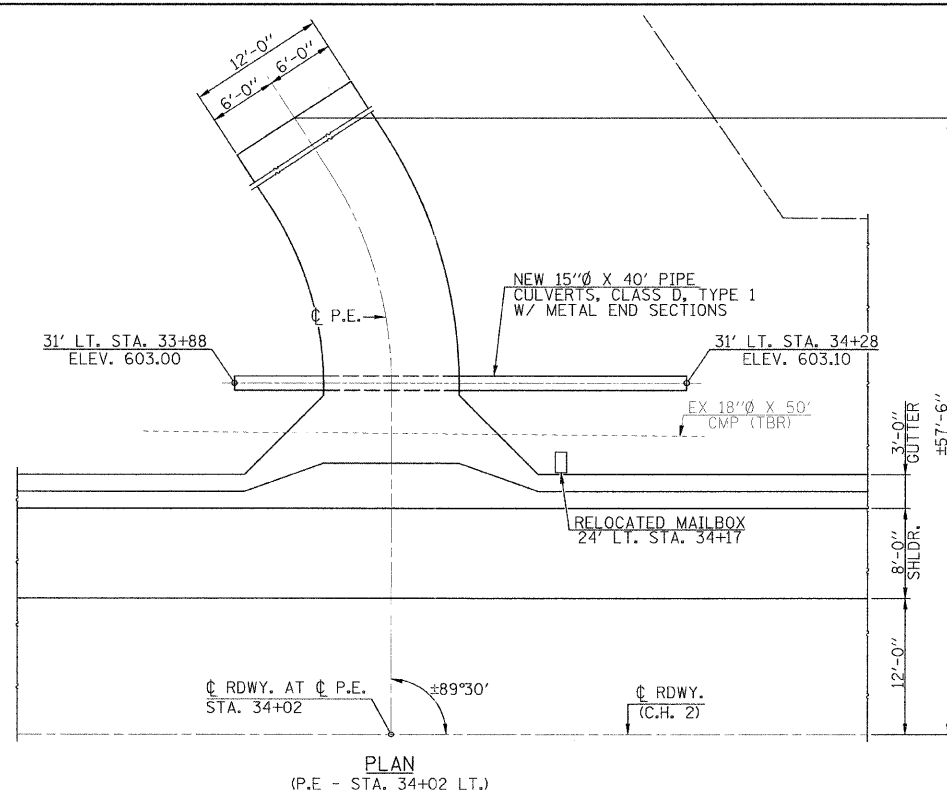
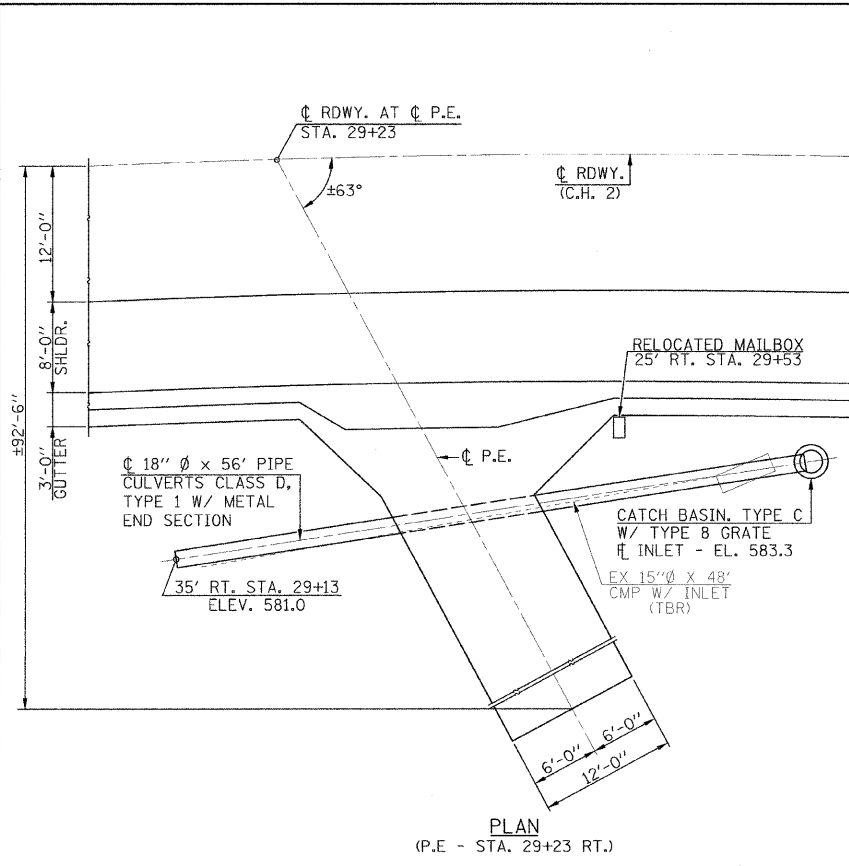


**SECTION A-A**

- PAVEMENT LEGEND**
1. EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
  2. EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
  3. EXISTING AGGREGATE SHOULDER
  4. PROPOSED AGGREGATE BASE COURSE TYPE A (6")
  5. PROPOSED HOT MIX ASPHALT BINDER COURSE IL.-19.0 N50 (VARIABLE DEPTH)
  6. PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX. C N50 (2")
  7. PROPOSED AGGREGATE BASE COURSE 9"
  8. PROPOSED HOT MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH (2" MIN.)
  9. PROPOSED AGGREGATE SHOULDERS TYPE A (6")
  10. PROPOSED EARTH SHOULDER
  11. PROPOSED PAINT PAVEMENT MARKING LINE 4"
  12. PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  13. PROPOSED TYPE A GUTTER
  14. AGGREGATE DITCH
  15. PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  16. PAVEMENT REMOVAL
  17. PROPOSED AGGREGATE BASE (12")

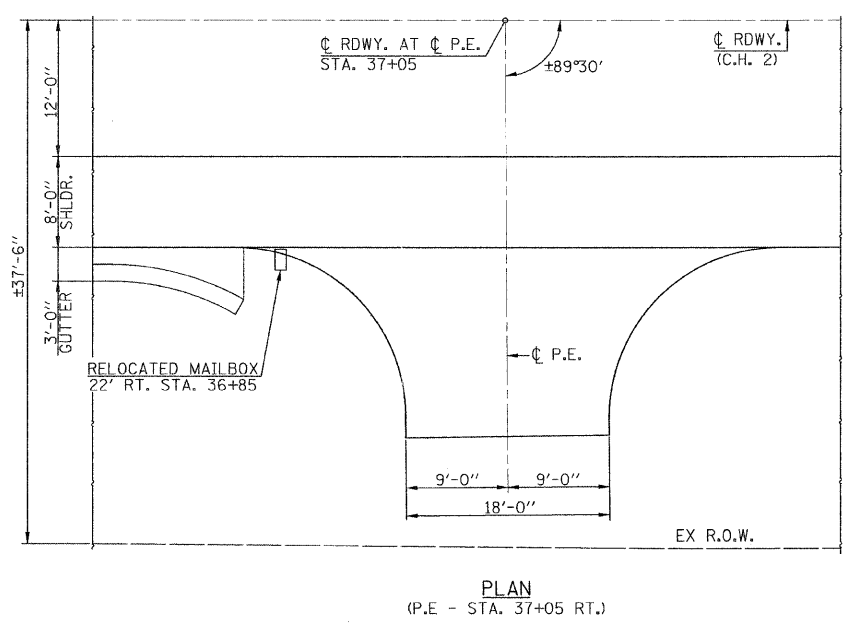
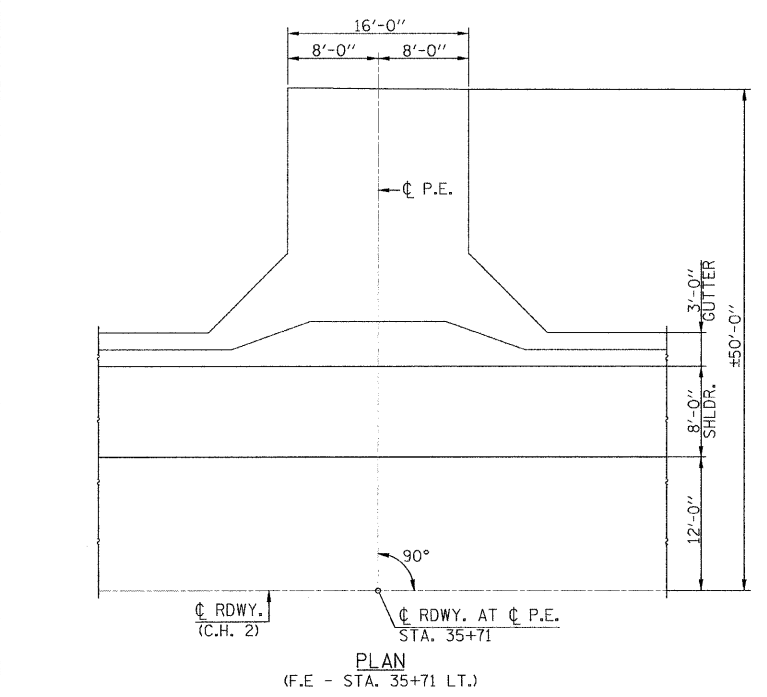
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	04/10/08	DATE	REVISED -								



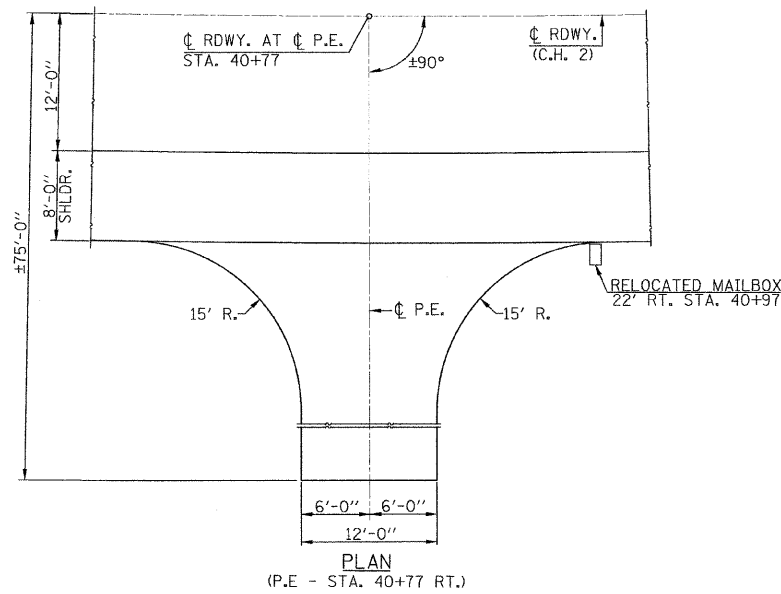


**PAVEMENT LEGEND**

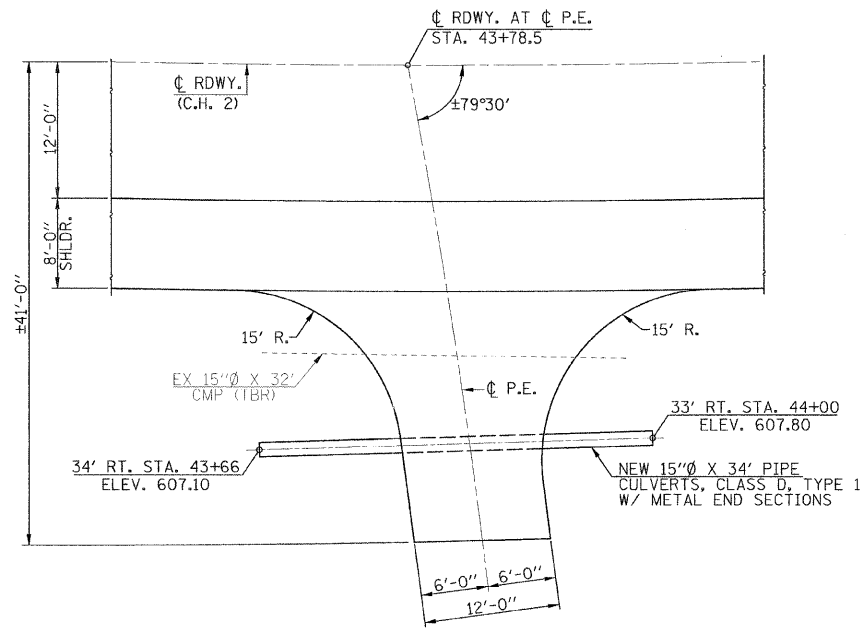
1. EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
2. EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
3. EXISTING AGGREGATE SHOULDER
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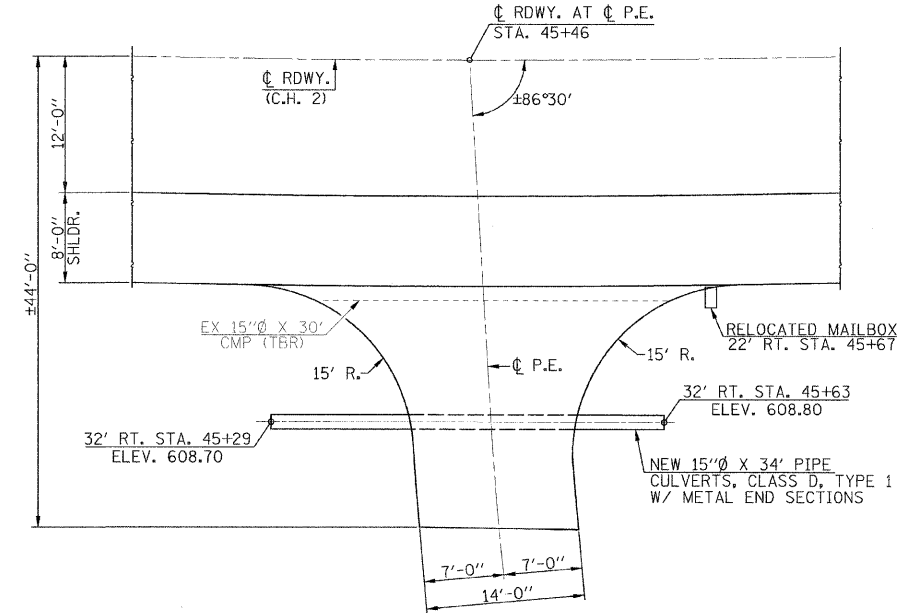
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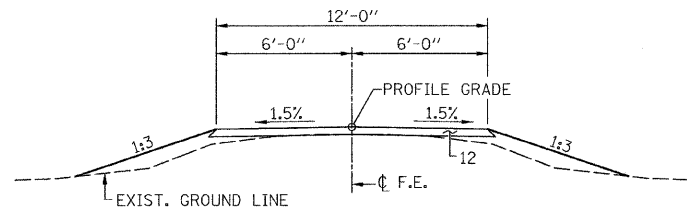
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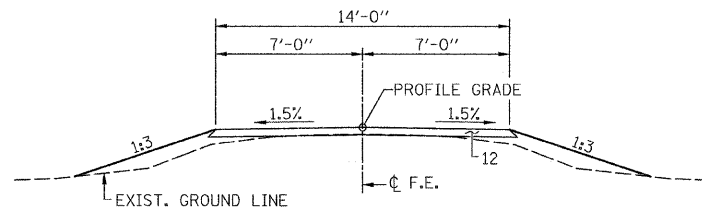
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(P.E - STA. 43+78.5 RT.)



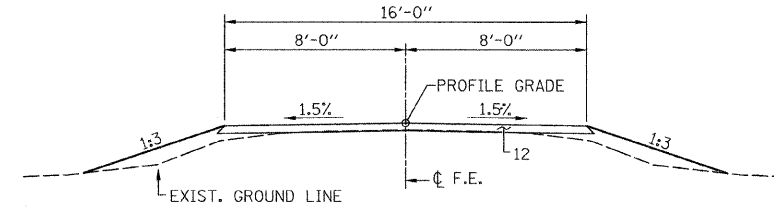
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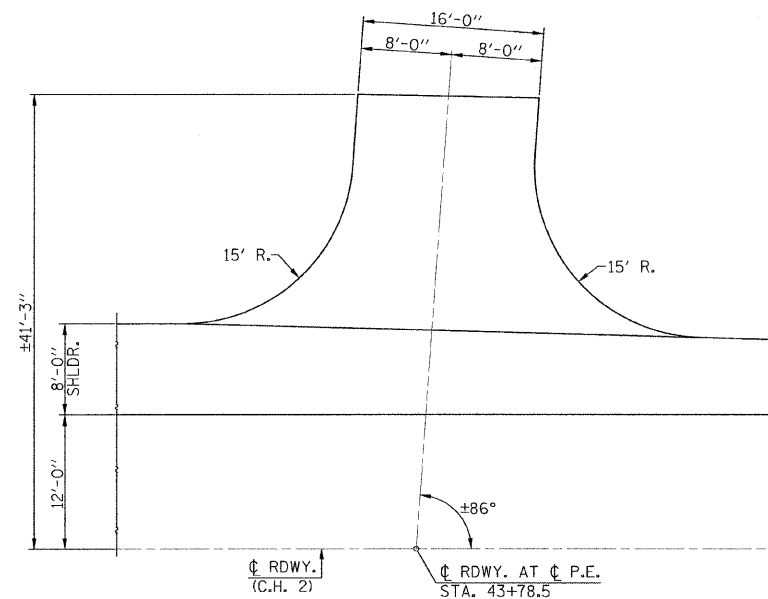
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(P.E - STA. 40+77 RT.)  
(P.E - STA. 43+78.5 RT.)



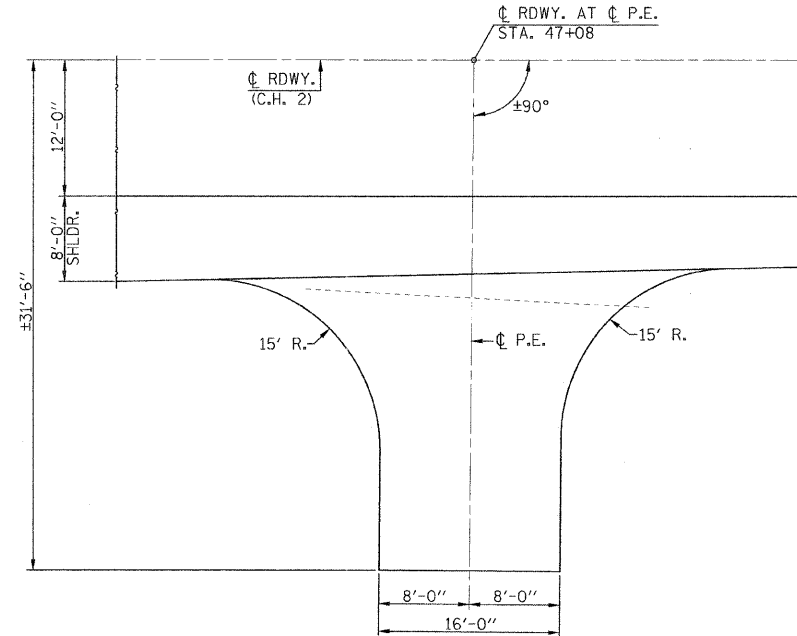
CROSS SECTION  
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CROSS SECTION  
(P.E - STA. 46+80 LT.)  
(P.E - STA. 47+08 RT.)



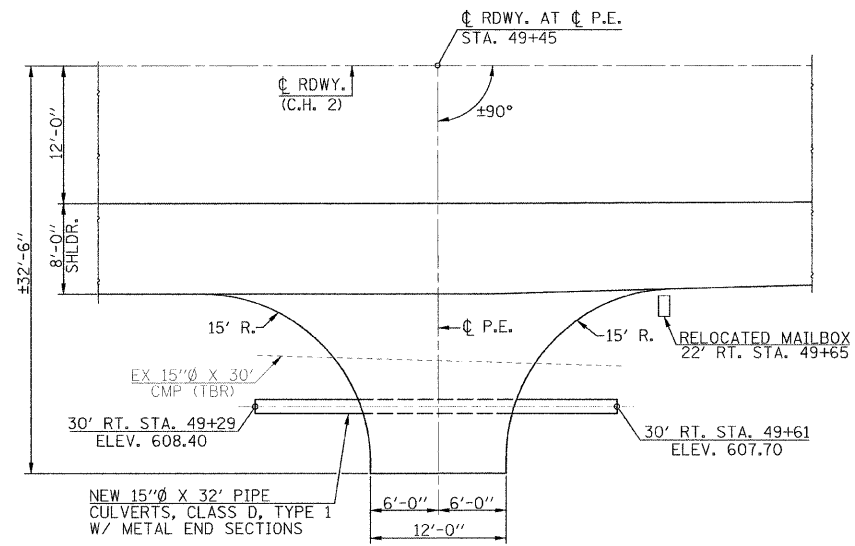
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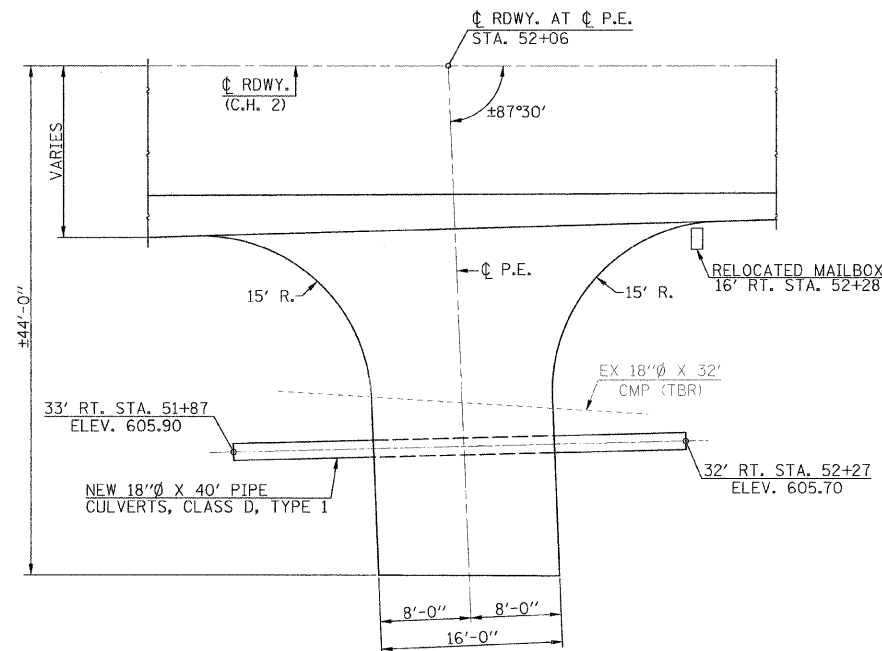
PLAN  
(P.E - STA. 47+08 RT.)

- PAVEMENT LEGEND**
- EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
  - EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
  - EXISTING AGGREGATE SHOULDER
  - PROPOSED AGGREGATE BASE COURSE TYPE A (6")
  - PROPOSED HOT MIX ASPHALT BINDER COURSE IL-19.0 N50 (VARIABLE DEPTH)
  - PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX. C N50 (2")
  - PROPOSED AGGREGATE BASE COURSE 9"
  - PROPOSED HOT MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH (2" MIN.)
  - PROPOSED AGGREGATE SHOULDERS TYPE A (6")
  - PROPOSED EARTH SHOULDER
  - PROPOSED PAINT PAVEMENT MARKING LINE 4"
  - PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  - PROPOSED TYPE A GUTTER
  - AGGREGATE DITCH
  - PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  - PAVEMENT REMOVAL
  - PROPOSED AGGREGATE BASE (12")

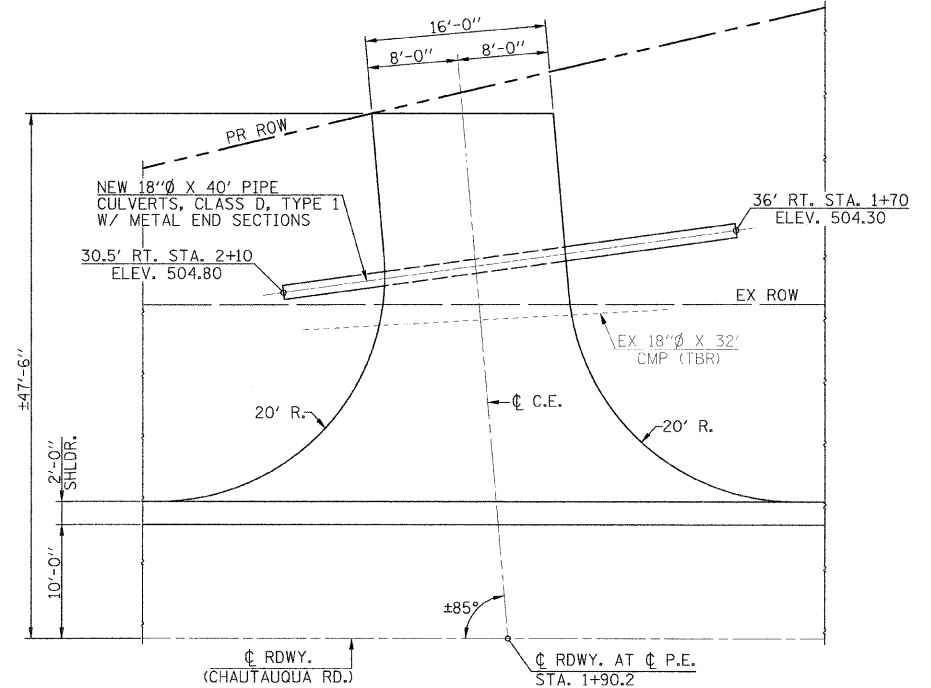
FILE NAME =	USER NAME =	DESIGNED -	REVISED -		<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>ENTRANCE AND INTERSECTION DETAILS</b>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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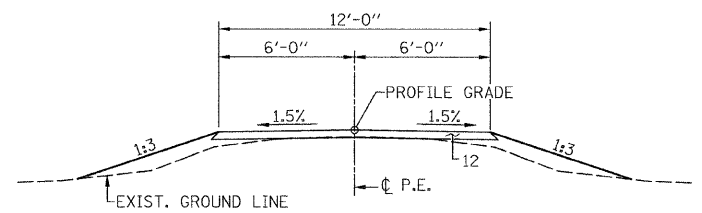
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(P.E - STA. 49+45 RT.)



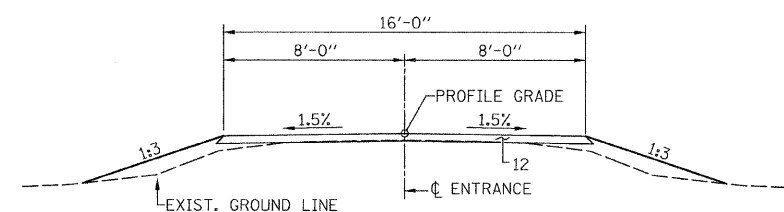
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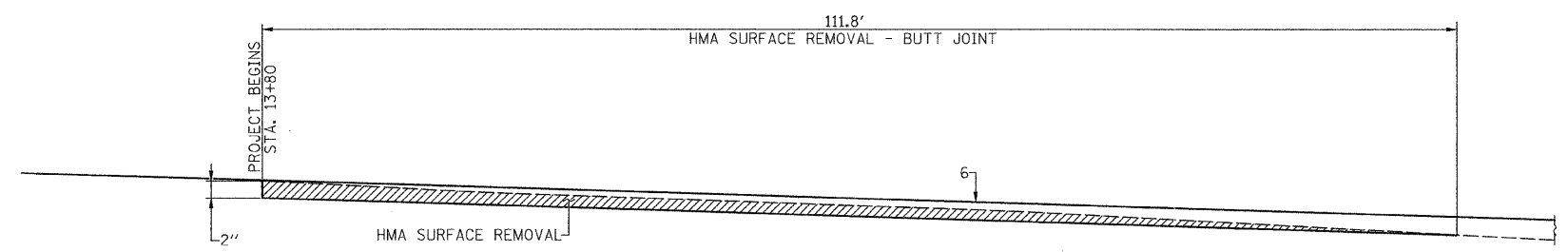
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(P.E - STA. 1+90.2 RT.)



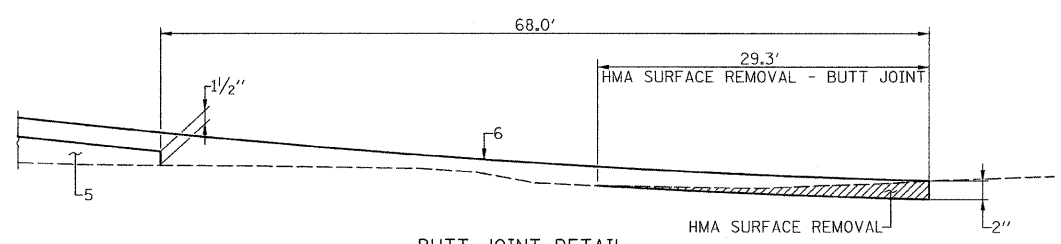
CROSS SECTION  
(P.E - STA. 49+45 RT.)



CROSS SECTION  
(P.E - STA. 52+06 RT.)  
(P.E - STA. 1+90.2 RT.)



BUTT JOINT DETAIL  
(C.H. 2)



BUTT JOINT DETAIL  
(CHATAQUA ROAD)

- PAVEMENT LEGEND**
- EXISTING AGGREGATE BASE COURSE (VARIABLE DEPTH)
  - EXISTING HOT MIX ASPHALT OVERLAYS (VARIABLE DEPTH)
  - EXISTING AGGREGATE SHOULDER
  - PROPOSED AGGREGATE BASE COURSE TYPE A (6")
  - PROPOSED HOT MIX ASPHALT BINDER COURSE IL-19.0 N50 (VARIABLE DEPTH)
  - PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX. C N50 (2")
  - PROPOSED AGGREGATE BASE COURSE 9"
  - PROPOSED HOT MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH (2" MIN.)
  - PROPOSED AGGREGATE SHOULDERS TYPE A (6")
  - PROPOSED EARTH SHOULDER
  - PROPOSED PAINT PAVEMENT MARKING LINE 4"
  - PROPOSED AGGREGATE SHOULDERS TYPE A (4")
  - PROPOSED TYPE A GUTTER
  - AGGREGATE DITCH
  - PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING (6")
  - PAVEMENT REMOVAL
  - PROPOSED AGGREGATE BASE (12")

FILE NAME =	USER NAME =	DESIGNED - RKA	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>BUTT JOINT, ENTRANCE AND INTERSECTION DETAILS</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILES*	PLOT SCALE =	DRAWN - RKA	REVISED -			574	08-00056-03-PV	MENARD	52	11	
	PLOT DATE = #DATE*	CHECKED - CPK	REVISED -			CONTRACT NO. 93558					
		DATE - 04/10/08	REVISED -			SCALE: 1" = 8'	STA. 13+55.00 TO STA. 52+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

**AGGREGATE SCHEDULE**

LOCATION	AGG. BASE COURSE, TYPE A (TON)	AGG. SHOULDERS, TYPE A (TON)	BITUMINOUS MATERIALS (GALLON)
STA. 13+80 TO STA. 26+50	1260		618
STA. 26+50 TO STA. 36+82	1232		540
STA. 36+82 TO STA. 50+10	---	807	
STA. 50+10 TO STA. 52+50	---	91	
STA. 0+73 TO STA. 2+50 (CHAUTAUQUA ROAD)	84	26	44
F.E. STA. 21+79 RT.	---	61	
P.E. STA. 25+27 RT.	---	13	
P.E. STA. 29+23 RT.	---	24	
P.E. STA. 34+02 LT.	---	15	
P.E. STA. 34+53 RT.	---	17	
F.E. STA. 35+71 LT.	---	10	
P.E. STA. 40+77 RT.	---	20	
P.E. STA. 43+78.R RT.	---	8	
P.E. STA. 45+46 RT.	---	7	
F.E. STA. 46+80 LT.	---	11	
P.E. STA. 47+08 RT.	---	8	
P.E. STA. 49+45 RT.	---	8	
P.E. STA. 52+06 RT.	---	15	
TOTAL	2576	1141	1202

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 13+55 TO STA. 26+50	548	411	15159	-14748
STA. 26+50 TO STA. 40+00	1101	825	3844	-3018
STA. 40+00 TO STA. 52+50	571	428	3300	-2872
STA. 0+20 TO STA. 2+50 (CHAUTAUQUA ROAD)	183	137	545	-408
TOTAL	2403	1802	22848	21046

**HOT MIX ASPHALT SCHEDULE**

LOCATION	HMA BINDER COURSE IL-19.0 N50 (TON)	HMA SURF. COURSE MIX C N50 (TON)	BIT. MATERIALS (PRIME COAT) (TON)	AGGREGATE PRIME COAT (TON)	HMA BASE CSE. WIDE. 6" (SQ. YD.)
STA. 13+80 TO STA. 36+82	2785	1155	3.89	20.46	
STA. 36+82 TO STA. 52+50	153	475	1.59	8.36	967
STA. 0+20 TO STA. 2+50 (CHAUTAUQUA ROAD)	441	60	0.02	0.11	137
TOTAL	3379	1690	5.50	28.93	1104

**SCHEDULE PIPE CULVERTS, CLASS D, TYPE 1 & METAL END SECTIONS**

LOCATION	PIPE CULVERTS (FOOT)		METAL END SECTIONS (EACH)	
	15"Ø	18"Ø	15"	18"
STA. 33+88 TO STA. 34+28 LT.	40		2	
STA. 43+66 TO STA. 44+00 RT.	34		2	
STA. 45+29 TO STA. 45+63 RT.	34		2	
STA. 49+29 TO STA. 49+61 RT.	32		2	
STA. 29+13 TO STA. 29+77 RT.		56		1
STA. 34+62 TO STA. 34+94 RT.		32		2
STA. 40+51 TO STA. 40+97 RT.		46		2
STA. 51+87 TO STA. 52+27		40		2
STA. 1+70 TO STA. 2+10 (CHAUTAUQUA RD.)		40		2
TOTAL	140	214	8	9

**SCHEDULE PAINT PAVEMENT MARKING LINE - 4"**

LOCATION	WHITE SOLID (FOOT)	YELLOW SOLID (FOOT)	YELLOW 10' STRIPE 30' SKIP DASH (FOOT)
STA. 0+20 TO STA. 2+50 (CHAUTAUQUA RD.)	486	230	60
STA. 13+55 TO STA. 52+50	7670	7790	
SUB-TOTAL	8156		8080
TOTAL		16236	

**SCHEDULE HOT MIX ASPHALT SURFACE REMOVAL-BUTT JOINT**

LOCATION	QUANTITY (SQ. YD.)
STA. 13+80 TO STA. 14+91.8	274
STA. 2+20.7 TO STA. 2+50 (CHAUTAUQUA RD.)	65
TOTAL	339

**SCHEDULE GUARDRAIL REMOVAL**

LOCATION	QUANTITY (FOOT)
STA. 13+64.5 TO STA. 15+11.5	147
STA. 13+73 TO STA. 16+20	247
TOTAL	394

**SCHEDULE FURNISHING AND ERECTING RIGHT OF WAY MARKERS**

LOCATION	QUANTITY (EACH)
STA. 13+60 50.07' LT. & 80' LT.	2
STA. 13+60 44.96' RT. & 80' RT.	2
STA. 17+00 80' LT.	1
STA. 17+45 90' LT.	1
STA. 2+50 30.6' RT. (CHAUTAUQUA RD.)	1
STA. 1+88.33 50' LT. (CHAUTAUQUA RD.)	1
STA. 19+00 80' LT.	1
STA. 22+00 75' LT.	1
STA. 22+50 80' RT.	1
STA. 24+00 60' RT.	1
STA. 24+41.71 47.31' LT.	1
STA. 25+12.30 60' RT.	1
STA. 25+12.30 40.86' RT.	1
STA. 27+93.04 60' LT.	1
STA. 31+75.87 60' LT.	1
STA. 33+97.44 60' LT.	1
STA. 34+27.11 50' LT.	1
STA. 37+23.83 46.7' LT. & 50' LT.	2
STA. 38+50 85' RT.	1
STA. 39+50 85' RT.	1
STA. 40+00 60' RT.	1
STA. 40+50 50' LT.	1
STA. 41+00 80' LT.	1
STA. 42+00 80' LT.	1
STA. 43+00 60' RT.	1
STA. 43+00 50' RT.	1
STA. 44+00 45' LT.	1
STA. 46+41.98 45' LT. & 50' RT.	2
STA. 47+12.40 45' LT.	1
STA. 47+12.40 55' LT.	1
STA. 51+23.87 50' RT.	1
STA. 51+23.96 44.61' RT.	1
STA. 51+87.42 55' LT.	1
TOTAL	37

**SCHEDULE RELOCATE EXISTING MAILBOX**

LOCATION	QUANTITY (EACH)
STA. 25+14 24' RT. TO STA. 25+14 25' RT.	2
STA. 29+50 20' RT. TO STA. 29+65 25' RT.	1
STA. 34+53 23' RT. TO STA. 34+55 25' RT.	1
STA. 40+90 22' RT. TO STA. 40+99 25' RT.	1
STA. 43+97 17' RT. TO STA. 44+06 25' RT.	1
STA. 45+62 15' RT. TO STA. 45+68 25' RT.	1
STA. 47+26 19' RT. TO STA. 47+32 25' RT.	1
STA. 49+58 20' RT. TO STA. 49+66 25' RT.	1
STA. 52+19 21' RT. TO STA. 52+30 15' RT.	1
TOTAL	10

**SCHEDULE PIPE CULVERT REMOVAL**

LOCATION	QUANTITY (FOOT)
STA. 16+01 - 14' LT. TO 50' LT. 12"Ø CMP	40
STA. 0+91 (CHAUTAUQUA RD.) - 30"Ø CMP	50
STA. 29+10 TO STA. 29+58 RT. - 15"Ø CMP	46
STA. 33+79 TO STA. 34+29 LT. - 18"Ø CMP	50
STA. 34+40 TO STA. 34+84 RT. - 18"Ø CMP	44
STA. 44+66 TO STA. 44+98 RT. - 15"Ø CMP	32
STA. 45+32 TO STA. 45+62 RT. - 15"Ø CMP	32
STA. 46+93 TO STA. 47+25 RT. - 15"Ø CMP	32
STA. 49+30 TO STA. 49+62 RT. - 15"Ø CMP	32
STA. 51+91 TO STA. 52+24 RT. - 15"Ø CMP	34
TOTAL	392

**SCHEDULE SEEDING, CLASS 2 (SPECIAL) & TEMPORARY EROSION CONTROL SEEDING**

LOCATION	QUANTITY (ACRE)	TEMP. EROS. CONTROL SEED (POUND)
STA. 13+60 TO STA. 52+50 LT. (C.H. 2)	3.21	289
STA. 13+60 TO STA. 52+50 RT. (C.H. 2)	3.33	300
STA. 0+80 TO STA. 2+50 (CHAUTAUQUA RD.)	0.34	31
TOTAL	6.88	620

**SCHEDULE FENCE REMOVAL**

LOCATION	QUANTITY (FOOT)
STA. 27+18 TO STA. 33+75 LT.	657
STA. 38+12 TO STA. 39+47 RT.	192
STA. 38+50 TO STA. 52+50 LT.	1398
TOTAL	2247

**SCHEDULE PAVEMENT REMOVAL**

LOCATION	QUANTITY (SQ. YD.)
STA. 13+80 TO STA. 26+00	136
STA. 26+00 TO STA. 28+00	489
STA. 28+00 TO STA. 43+00	167
STA. 43+00 TO STA. 47+10	489
STA. 47+10 TO STA. 52+50	60
STA. 0+73 TO STA. 1+08 (CHAUTAUQUA RD.)	78
TOTAL	1419

**SCHEDULE PIPE CULVERTS, CLASS A, TYPE 2 36"**

LOCATION	QUANTITY (FOOT)
STA. 0+91 (CHAUTAUQUA RD.)	86
TOTAL	86

**SCHEDULE PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"**

LOCATION	QUANTITY (EACH)
STA. 0+91 (CHAUTAUQUA RD.) 48' LT. & 38' RT.	2
TOTAL	2

**SCHEDULE PERIMETER EROSION BARRIER**

LOCATION	QUANTITY (FOOT)
STA. 13+60 80' RT. TO STA. 21+60 160' RT.	780
STA. 22+30 160' RT. TO STA. 25+25 60' RT.	410
STA. 25+60 60' RT. TO STA. 29+30 110' RT.	465
STA. 29+85 80' RT. TO STA. 34+35 45' RT.	485
STA. 35+00 45' RT. TO STA. 36+95 45' RT.	195
STA. 37+24 46' RT. TO STA. 40+50 85' RT.	372
STA. 41+00 85' RT. TO STA. 43+65 50' RT.	310
STA. 44+00 50' RT. TO STA. 45+30 50' RT.	130
STA. 45+60 50' RT. TO STA. 46+90 50' RT.	140
STA. 47+30 50' RT. TO STA. 49+30 50' RT.	200
STA. 49+60 50' RT. TO STA. 51+90 42' RT.	235
STA. 52+20 42' RT. TO STA. 52+50 42' RT.	30
STA. 13+60 80' LT. TO STA. 2+50 30' LT. (CHAUTAUQUA RD.)	543
STA. 2+50 29' RT. (CHAUTAUQUA RD.) TO STA. 33+80 60' LT.	1663
STA. 34+34 50' LT. TO STA. 35+55 50' LT.	121
STA. 35+85 50' LT. TO STA. 46+65 45' LT.	991
STA. 46+95 45' LT. TO STA. 52+50 55' LT.	565
TOTAL	7635

**GUARDRAIL SCHEDULE**

LOCATION	T.B.T. TYPE 6 (EACH)	S.P.B.G.R. TYPE A (FOOT)	T.B.T. TYPE 1 SPECIAL (TANGENT) (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)
STA. 13+64 TO STA. 14+07.65 RT.	1			
STA. 14+07.65 TO STA. 15+45.15 RT.		137.5		
STA. 15+45.15 TO STA. 15+95.15 RT.			1	1
STA. 13+73 TO STA. 14+16.15 LT.	1			
STA. 14+16.15 TO STA. 16+28.65 LT.		212.5		
STA. 16+28.65 TO STA. 16+78.65 LT.			1	1
<b>TOTAL</b>	<b>2</b>	<b>350</b>	<b>2</b>	<b>2</b>

**SCHEDULE TEMPORARY DITCH CHECKS**

LOCATION	QUANTITY (FOOT)
STA. 19+50 71' LT.	8
STA. 25+50 31' LT.	8
STA. 27+00 33' LT.	8
STA. 28+50 33' LT.	8
STA. 30+00 36' LT & 33' RT.	16
STA. 31+50 30' LT & 35' RT.	16
STA. 33+50 30' LT. & 34' RT.	16
STA. 41+50 48' RT.	8
STA. 44+00 34' RT.	8
<b>TOTAL</b>	<b>96</b>

**SCHEDULE CLASS SI CONCRETE (OUTLET)**

LOCATION	QUANTITY (CU. YD.)
F.E. STA. 21+79 RT.	5.39
P.E. STA. 25+27.5 RT.	4.99
P.E. STA. 29+29 RT.	4.59
P.E. STA. 34+02 LT.	8.19
P.E. STA. 34+53 RT.	4.59
INLET - STA. 36+68 TO STA. 36+80 RT.	0.93
INLET - STA. 36+80 TO STA. 36+92 LT.	0.93
<b>TOTAL</b>	<b>29.61</b>

SAY 29.7 CU. YD.

**SCHEDULE CONCRETE GUTTER TYPE A**

LOCATION	QUANTITY (FOOT)
STA. 16+45 TO STA. 36+80 RT.	2035
STA. 18+90 TO STA. 36+80 LT.	1790
<b>TOTAL</b>	<b>3825</b>

**SCHEDULE PIPE DRAINS 15"**

LOCATION	QUANTITY (SQ. YD.)
STA. 16+50 25' TO 65' RT.	40
STA. 19+85 25' TO 62' LT.	36
<b>TOTAL</b>	<b>76</b>

**SCHEDULE WOOD FENCE TO BE REMOVED AND RE-ERECTED**

LOCATION	QUANTITY (FOOT)
STA. 33+84 TO STA. 33+88 LT.	24
STA. 34+09 TO STA. 34+25 LT.	22
<b>TOTAL</b>	<b>46</b>

**SCHEDULE CLASS SI CONCRETE (OUTLET) SPECIAL \***

LOCATION	QUANTITY (CU. YD.)
STA. 16+50 24' RT.	3.3
STA. 18+95 24' LT.	3.3
<b>TOTAL</b>	<b>6.6</b>

\* STANDARD 606111

**SCHEDULE CATCH BASINS, TYPE C, TYPE 8 GRATE**

LOCATION	QUANTITY (EACH)
STA. 29+70 32' RT.	1
<b>TOTAL</b>	<b>1</b>

**SCHEDULE GRATES AND COVERS, TYPE 2A**

LOCATION	QUANTITY (EACH)
STA. 16+50 24' RT.	1
STA. 19+85 24' RT.	1
<b>TOTAL</b>	<b>2</b>

**SCHEDULE WATER METER TO BE ADJUSTED**

LOCATION	QUANTITY (EACH)
STA. 18+66 41' LT.	1
STA. 34+72 55' RT.	1
STA. 34+75 59' RT.	1
STA. 41+02 49' RT.	1
<b>TOTAL</b>	<b>4</b>

**SCHEDULE FIRE HYDRANTS TO BE ADJUSTED**

LOCATION	QUANTITY (EACH)
STA. 18+43 59' RT.	1
<b>TOTAL</b>	<b>1</b>

**SCHEDULE TREE REMOVAL, ACRES**

LOCATION	QUANTITY (ACRE)
STA. 13+60 29, 80' TO STA. 18+10 26, 60' RT.	0.61
STA. 13+60 28, 80' TO STA. 17+55 30, 44' LT.	0.35
STA. 21+77 30, 60' TO STA. 25+28 39, 47' LT.	0.20
STA. 22+00 24, 40' TO STA. 25+18 60' RT.	0.27
STA. 37+24 26, 47' TO STA. 39+73 32, 38' RT.	0.12
STA. 38+11 44, 60' TO STA. 52+50 27, 46' LT.	0.70
STA. 31+34 26, 47' TO STA. 33+76 31, 38' LT.	0.06
<b>TOTAL</b>	<b>2.31</b>

SAY 2.4 ACRE

**SCHEDULE TREE REMOVAL**

LOCATION	6 TO 15 UNITS DIA. (EACH)	OVER 15 UNITS DIA. (EACH)
STA. 20+48 42' RT.	18	
STA. 20+75 40' LT.		36
STA. 20+82 48' LT.		18
STA. 36+15 36' RT.	12	
<b>TOTAL</b>	<b>30</b>	<b>54</b>

**SCHEDULE SIGN TO BE RELOCATED**

LOCATION	QUANTITY (EACH)
STA. 19+10 69' LT.	1
STA. 29+75 52' LT.	1
<b>TOTAL</b>	<b>2</b>

**SCHEDULE PLUG EXISTING CULVERTS**

LOCATION	QUANTITY (EACH)
STA. 38+96 CROSS ROAD CULVERT	1
<b>TOTAL</b>	<b>1</b>

**SCHEDULE HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH**

LOCATION	QUANTITY (SQ. YD.)
STA. 23+25 TO STA. 30+64	853
STA. 35+94 TO STA. 40+25	1054
STA. 44+20 TO STA. 52+50	2029
<b>TOTAL</b>	<b>3936</b>

**SCHEDULE AGGREGATE DITCH**

LOCATION	QUANTITY (TON)
STA. 25+50 TO STA. 33+88 LT.	432
STA. 29+71 TO STA. 32+50 RT.	81
STA. 34+16 TO STA. 34+50 LT.	18
<b>TOTAL</b>	<b>531</b>

**SCHEDULE HEAVY DUTY EROSION CONTROL BLANKET**

LOCATION	QUANTITY (SQ. YD.)
STA. 18+70 105' LT. TO STA. 20+50 76' LT.	332
<b>TOTAL</b>	<b>332</b>

SECTION 25, T. 18 N., R. 7 W. 3rd P.M.

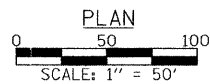
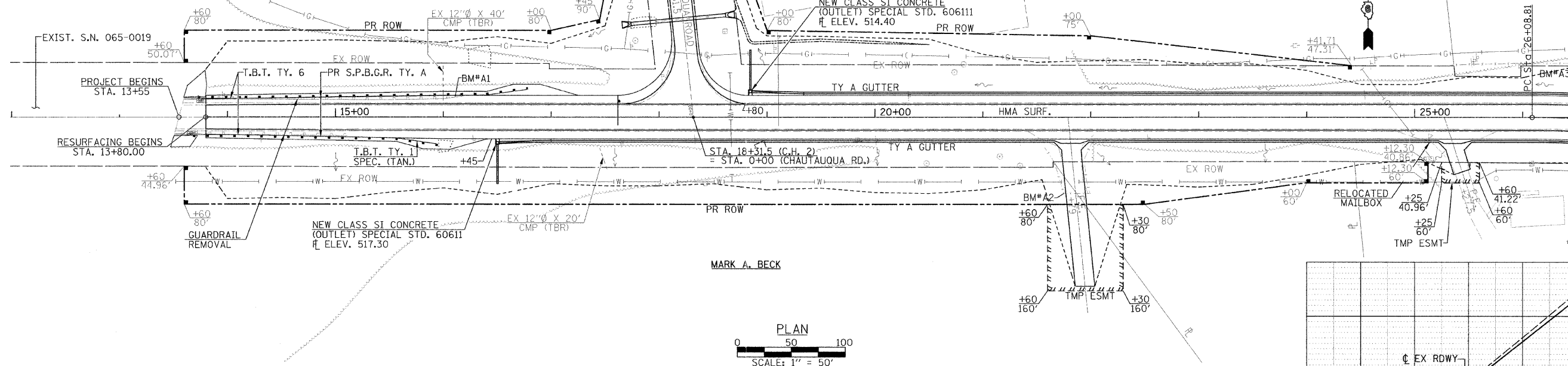
JOHN B. JONES JR.

MENARD COUNTY

NEW CLASS SI CONCRETE  
(OUTLET) SPECIAL STD. 606111  
FL ELEV. 514.40

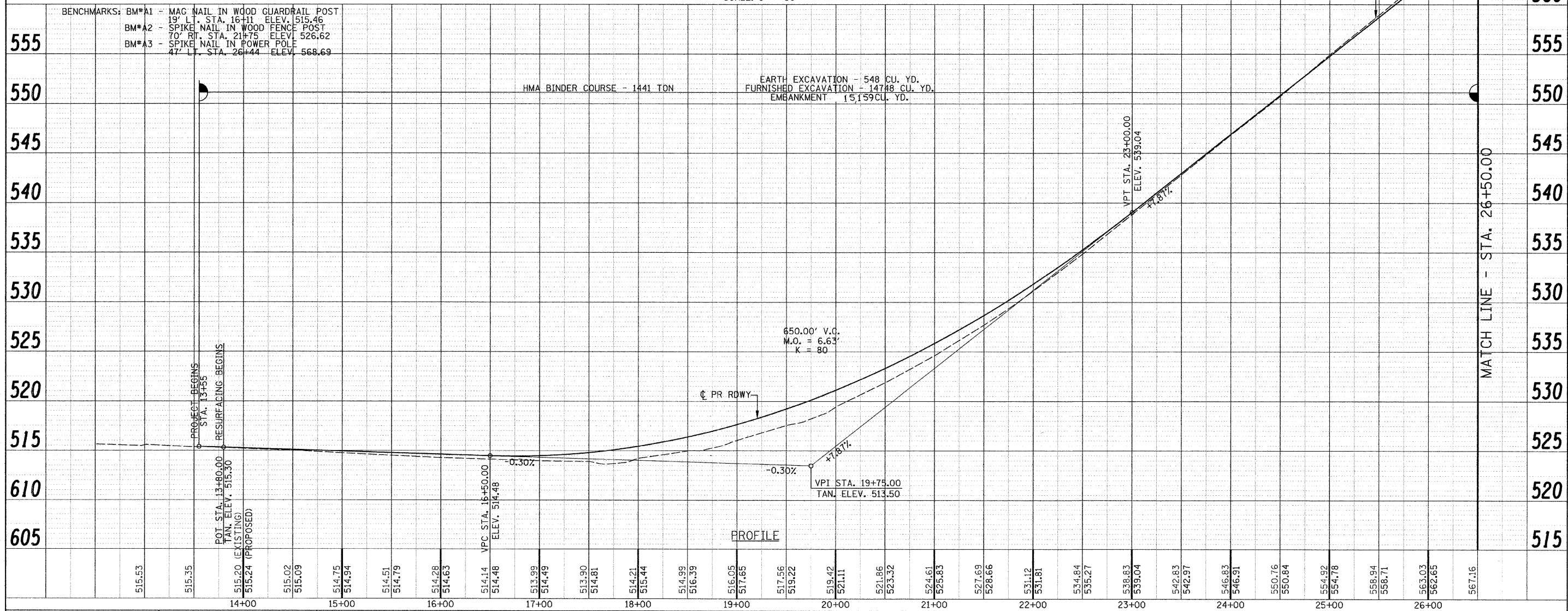


MATCH LINE - STA. 26+50.00



PLAN	DRAWN	DATE
NOTED	BY	
CHECKED		
APPROVED		

PROFILE	DRAWN	DATE
NOTED	BY	
CHECKED		
APPROVED		



BENCHMARKS: BM#A1 - MAG NAIL IN WOOD GUARDRAIL POST  
19' LT. STA. 16+11 ELEV. 515.46  
BM#A2 - SPIKE NAIL IN WOOD FENCE POST  
70' RT. STA. 21+75 ELEV. 526.62  
BM#A3 - SPIKE NAIL IN POWER POLE  
47' LT. STA. 26+44 ELEV. 568.69

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Civil and Structural Engineers Springfield, IL.  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

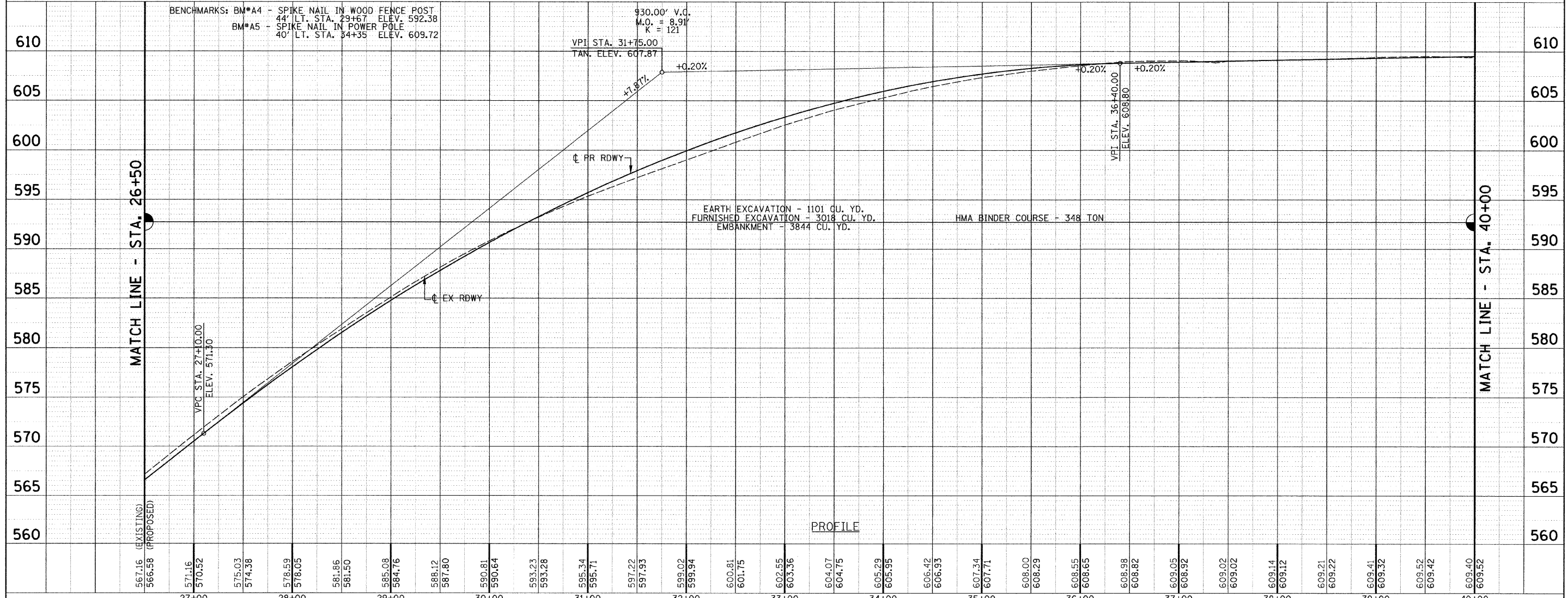
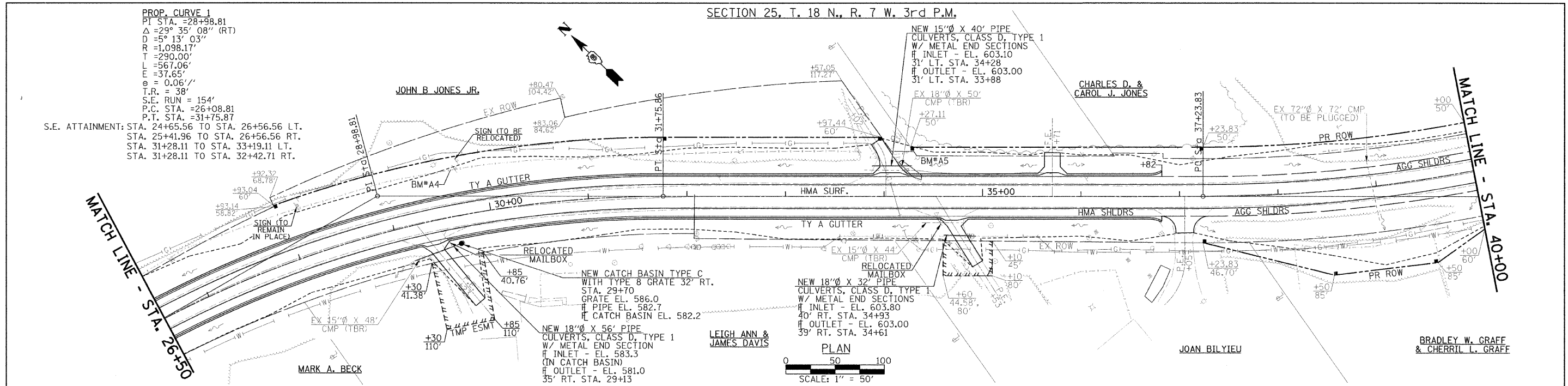
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SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 13+55.00 TO STA. 26+50.00
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F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 14
CONTRACT NO. 93558				
[ILLINOIS] FED. AID PROJECT				

SECTION 25, T. 18 N., R. 7 W. 3rd P.M.

PROP. CURVE 1  
 PT STA. = 28+98.81  
 $\Delta = 29^\circ 35' 08''$  (RT)  
 $D = 5^\circ 13' 03''$   
 $R = 1,098.17'$   
 $T = 290.00'$   
 $L = 567.06'$   
 $E = 37.65'$   
 $\theta = 0.067'$   
 $T.R. = 38'$   
 $S.E. RUN = 154'$   
 $P.C. STA. = 26+08.81$   
 $P.T. STA. = 31+75.87$   
 S.E. ATTAINMENT: STA. 24+65.56 TO STA. 26+56.56 LT.  
 STA. 25+41.96 TO STA. 26+56.56 RT.  
 STA. 31+28.11 TO STA. 33+19.11 LT.  
 STA. 31+28.11 TO STA. 32+42.71 RT.



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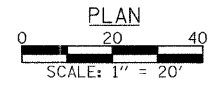
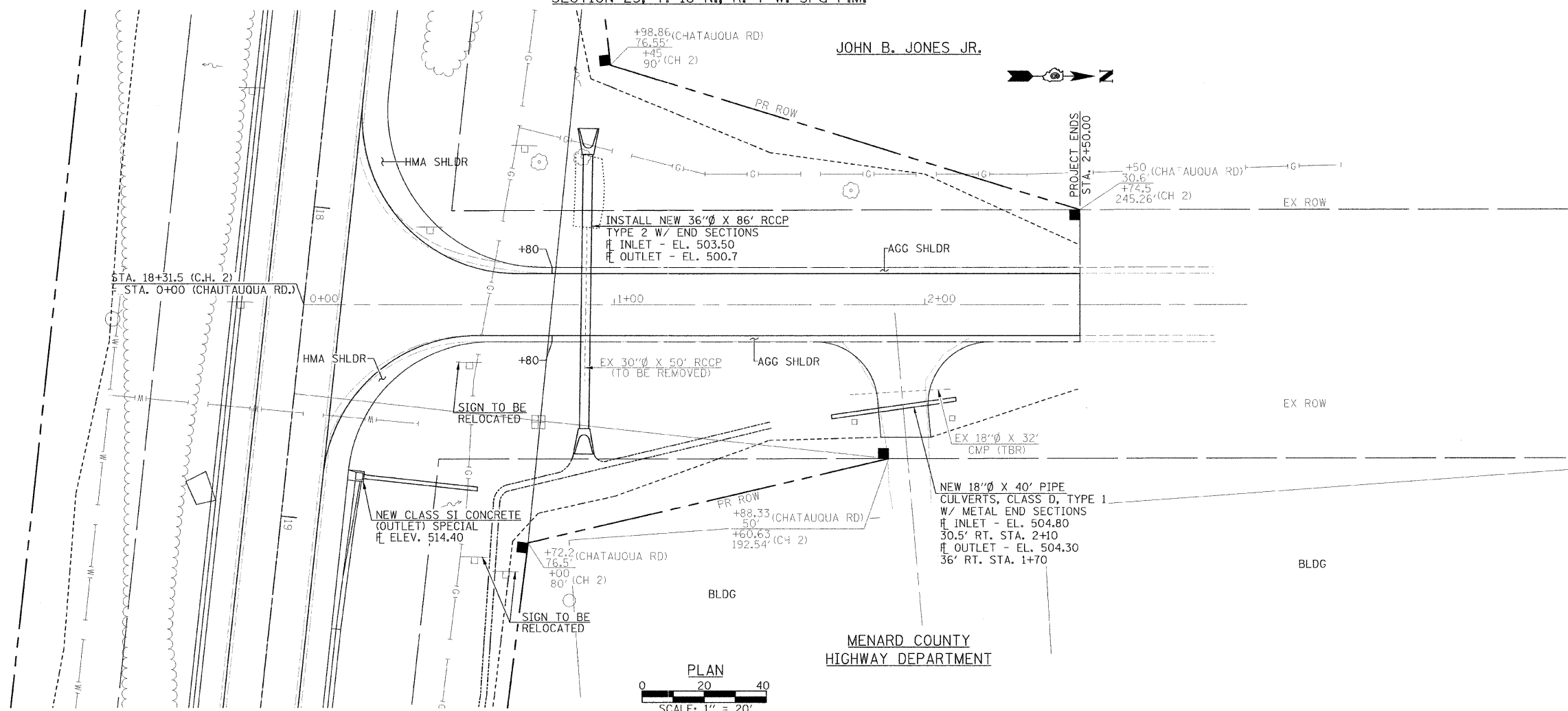
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SECTION 25, T. 18 N., R. 7 W. 3rd P.M.

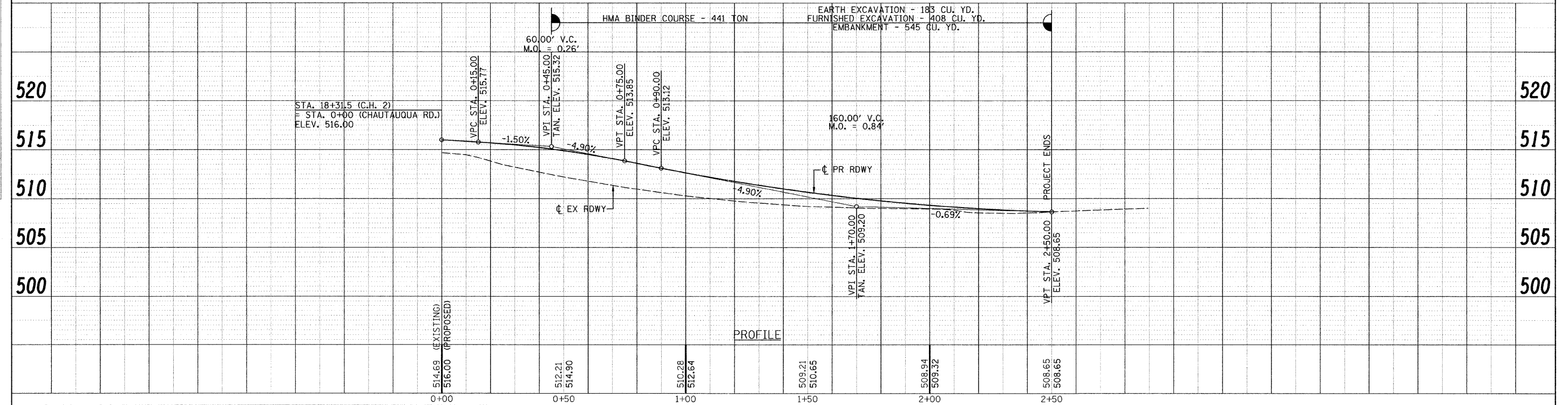
JOHN B. JONES JR.



MENARD COUNTY  
HIGHWAY DEPARTMENT

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REVISED	
ALIGNMENT CHECKED	
BY	
DATE	
NOTE BOOK NO.	
FILE NAME	

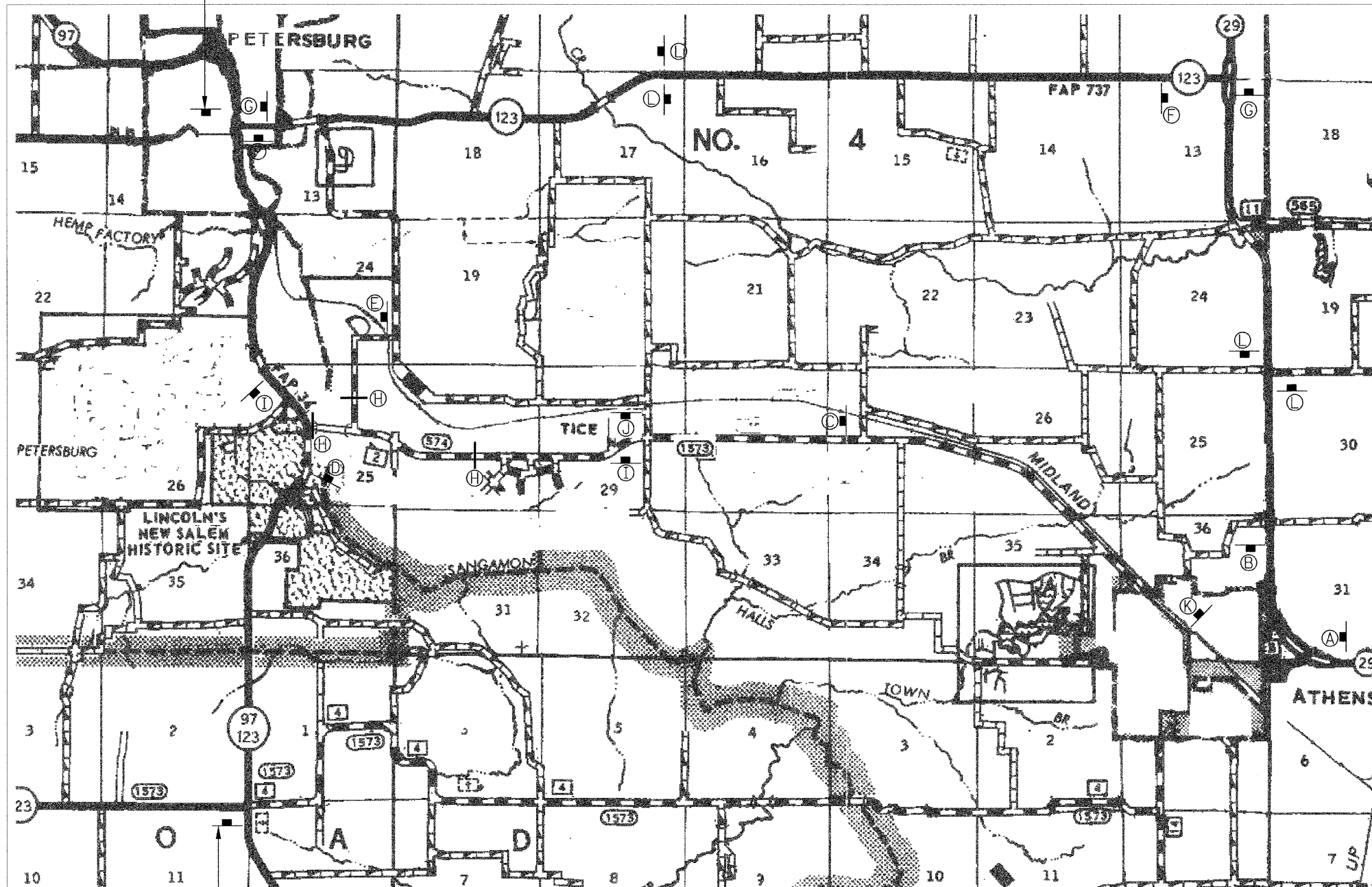
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DATE	
NOTE BOOK NO.	
STRUCTURE NOTATIONS	



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		CHECKED -	REVISED -										
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		PLOT DATE = #DATE#											
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93558			

ATHENS BLACKTOP  
CLOSED 3 MILES AHEAD  
(PLACE IN ADVANCE OF IL 123  
INTERSECTION)

R. 6 W. 3rd P.M.



ATHENS BLACKTOP  
CLOSED 3 MILES AHEAD  
(PLACE IN ADVANCE OF IL 123  
INTERSECTION)

SIGN & BARRICADE LOCATION PLAN

LEGEND

- Sign A - "ATHENS BLACKTOP CLOSED 5 MILES AHEAD" R11-3A 6030 WITH M4-9R-3024
- Sign B - "ATHENS BLACKTOP CLOSED 5 MILES AHEAD" R11-3A 6030
- Sign C - "ATHENS BLACKTOP CLOSED 3 MILES AHEAD" R11-3A 6030
- Sign D - ROAD CLOSED R11-2 WITH W1-6 & DETOUR AHEAD SIGN
- Sign E - ROAD CLOSED TO THRU TRAFFIC R11-4
- Sign F - ATHENS BLACKTOP WITH DETOUR M4-9R
- Sign G - ATHENS BLACKTOP WITH DETOUR M4-9L
- Sign H - BLR STANDARD 21
- Sign I - ROAD CLOSED 1 MILE AHEAD WITH W1-6L
- Sign J - ROAD CLOSED 1 MILE AHEAD WITH W1-6R
- Sign K - "ATHENS BLACKTOP CLOSED 5 MILES AHEAD"
- Sign L - ATHENS BLACKTOP WITH W1-6

ROAD CLOSED  
XX MILES AHEAD  
LOCAL TRAFFIC ONLY

R11-3A  
BLACK ON WHITE

ROAD CLOSED  
TO  
THRU TRAFFIC

R11-3A  
BLACK ON WHITE

ROAD  
CLOSED

R11-2  
BLACK ON WHITE

ATHENS BLACKTOP

BLACK ON FLUORESCENT ORANGE  
WITH 6" LETTERS

DETOUR



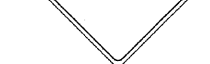
M4-9L  
FLUORESCENT ORANGE

DETOUR



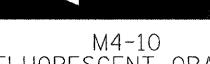
M4-9R  
FLUORESCENT ORANGE

DETOUR  
AHEAD



BLACK ON FLUORESCENT ORANGE

DETOUR



M4-10  
FLUORESCENT ORANGE



W1-6  
FLUORESCENT ORANGE

ATTACHMENT #1A

FILE NAME =	USER NAME = #USERS	DESIGNED -	REVISED -
8FT.ELE		DRAWN -	REVISED -
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	PLOT DATE = #DATE#	DATE -	REVISED -

**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL.  
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No. 184-001907

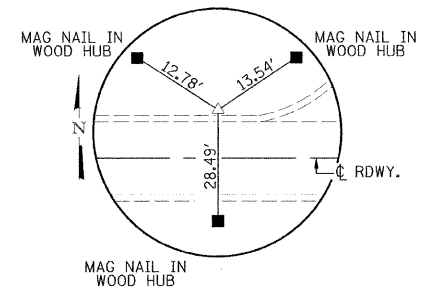
SIGN & BARRICADE LOCATION PLAN

SCALE: NONE SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. 13+59.00 TO STA. 52+00.00

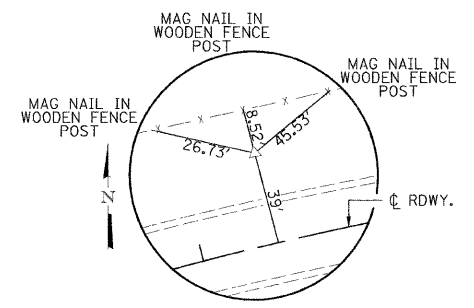
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	18
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 93558

**BENCHMARKS**

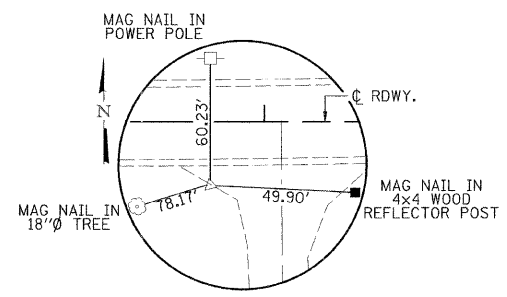
- BM#A1 - MAG NAIL IN WOOD GUARDRAIL POST  
19' LT. STA. 16+11 ELEV. 515.46
- BM#A2 - SPIKE NAIL IN WOOD FENCE POST  
70' RT. STA. 21+75 ELEV. 526.82
- BM#A3 - SPIKE NAIL IN POWER POLE  
47' LT. STA. 26+44 ELEV. 568.69
- BM#A4 - SPIKE NAIL IN WOOD FENCE POST  
44' LT. STA. 29+67 ELEV. 592.38
- BM#A5 - SPIKE NAIL IN POWER POLE  
40' LT. STA. 34+35 ELEV. 609.72
- BM#A6 - TOP OF CENTER OF WATER METER DISC  
48' RT. STA. 41+02 ELEV. 603.26
- BM#A7 - SPIKE NAIL IN POWER POLE  
49' RT. STA. 45+72 ELEV. 613.12
- BM#A8 - SPIKE NAIL IN POWER POLE  
47' RT. STA. 49+03 ELEV. 615.26



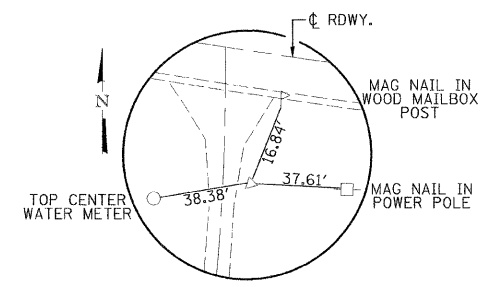
**TIE #1**  
 1/2" Ø IRON PIN  
 STA. 17+63  
 N. 1207649.26  
 E. 2390159.82  
 EL. 513.51  
 N. 1207635.82  
 E. 2390158.62 @ C



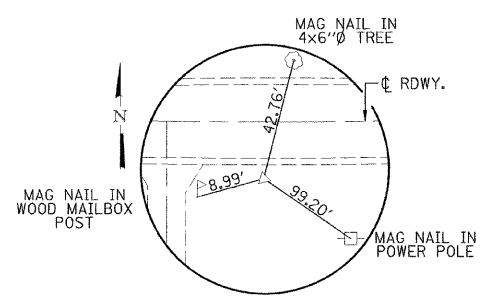
**TIE #2**  
 1/2" Ø IRON PIN  
 STA. 29+12  
 N. 1207530.70  
 E. 2391310.47  
 EL. 587.8  
 N. 1207492.09  
 E. 2391297.26 @ C



**TIE #3**  
 1/2" Ø IRON PIN  
 STA. 36+82  
 N. 1207068.10  
 E. 2391936.22  
 EL. 608.79  
 N. 1207081.94  
 E. 2391944.80 @ C

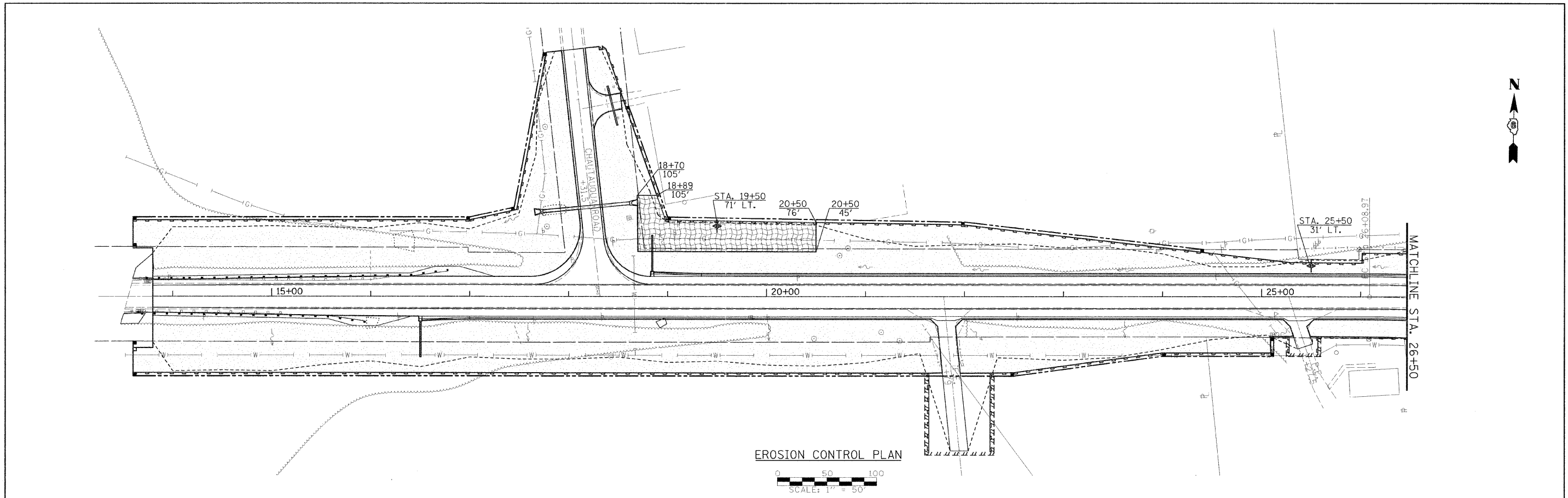


**TIE #4**  
 1/2" Ø IRON PIN  
 STA. 43+92  
 N. 1206783.13  
 E. 2392589.55  
 EL. 609.71  
 N. 1206824.73  
 E. 2392536.26 @ C

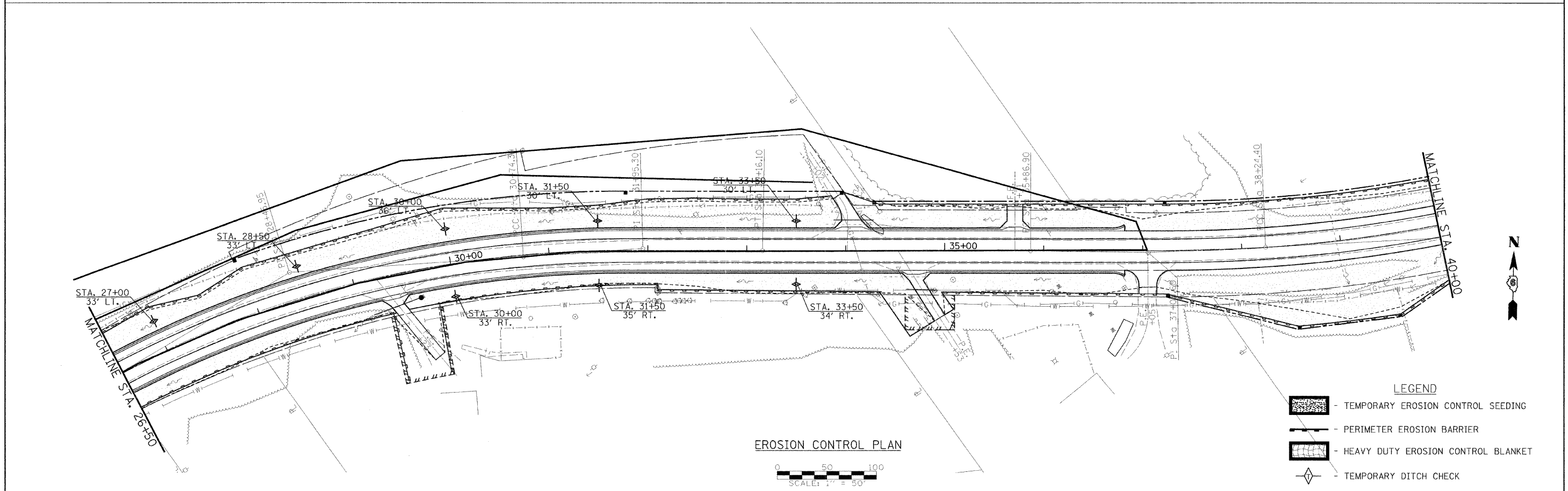
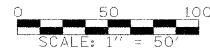


**TIE #5**  
 1/2" Ø IRON PIN  
 STA. 52+24  
 N. 1206802.03  
 E. 2373427.52  
 EL. 611.49  
 N. 1206816.00  
 E. 2393427.14 @ C

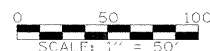
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#FILEL#		DRAWN -	REVISED -		SCALE: 1" = 3'	574	08-00056-03-PV	MENARD	52	19		
		CHECKED -	REVISED -			CONTRACT NO. <b>93558</b>						
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



EROSION CONTROL PLAN

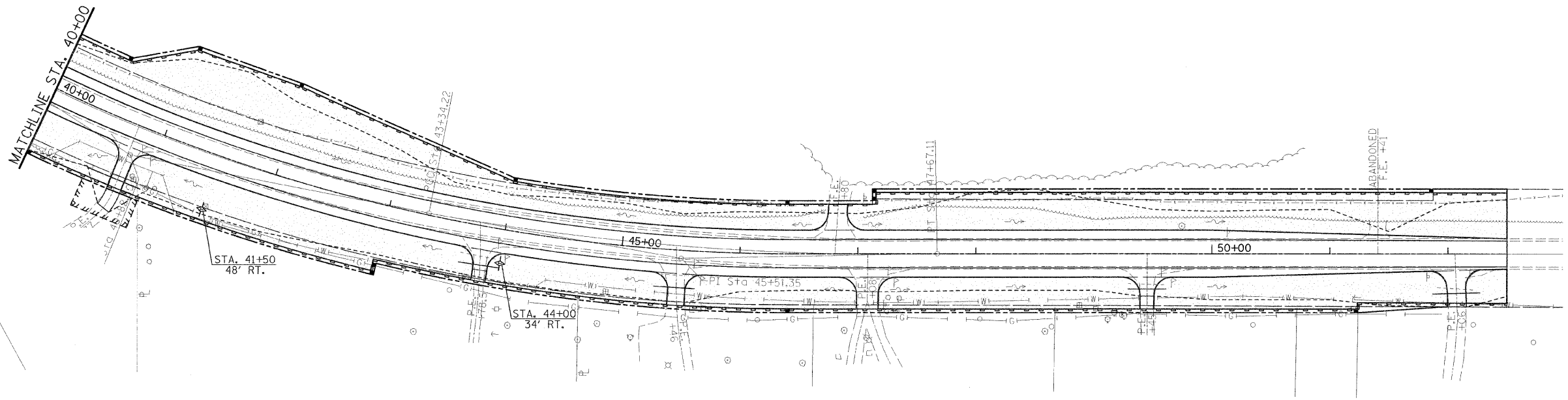


EROSION CONTROL PLAN







- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING
  - PERIMETER EROSION BARRIER
  - HEAVY DUTY EROSION CONTROL BLANKET
  - TEMPORARY DITCH CHECK


FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>EROSION CONTROL PLAN</b>	F.A.P. RTE. 662	SECTION HRS-10,B-2)	COUNTY SANGAMON	TOTAL SHEETS 52	SHEET NO. 20	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET NO. ___ OF ___ SHEETS	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. <b>93558</b>		
	PLOT DATE = #DATE#	DATE -	REVISED -		STA. _____ TO STA. _____						



EROSION CONTROL PLAN

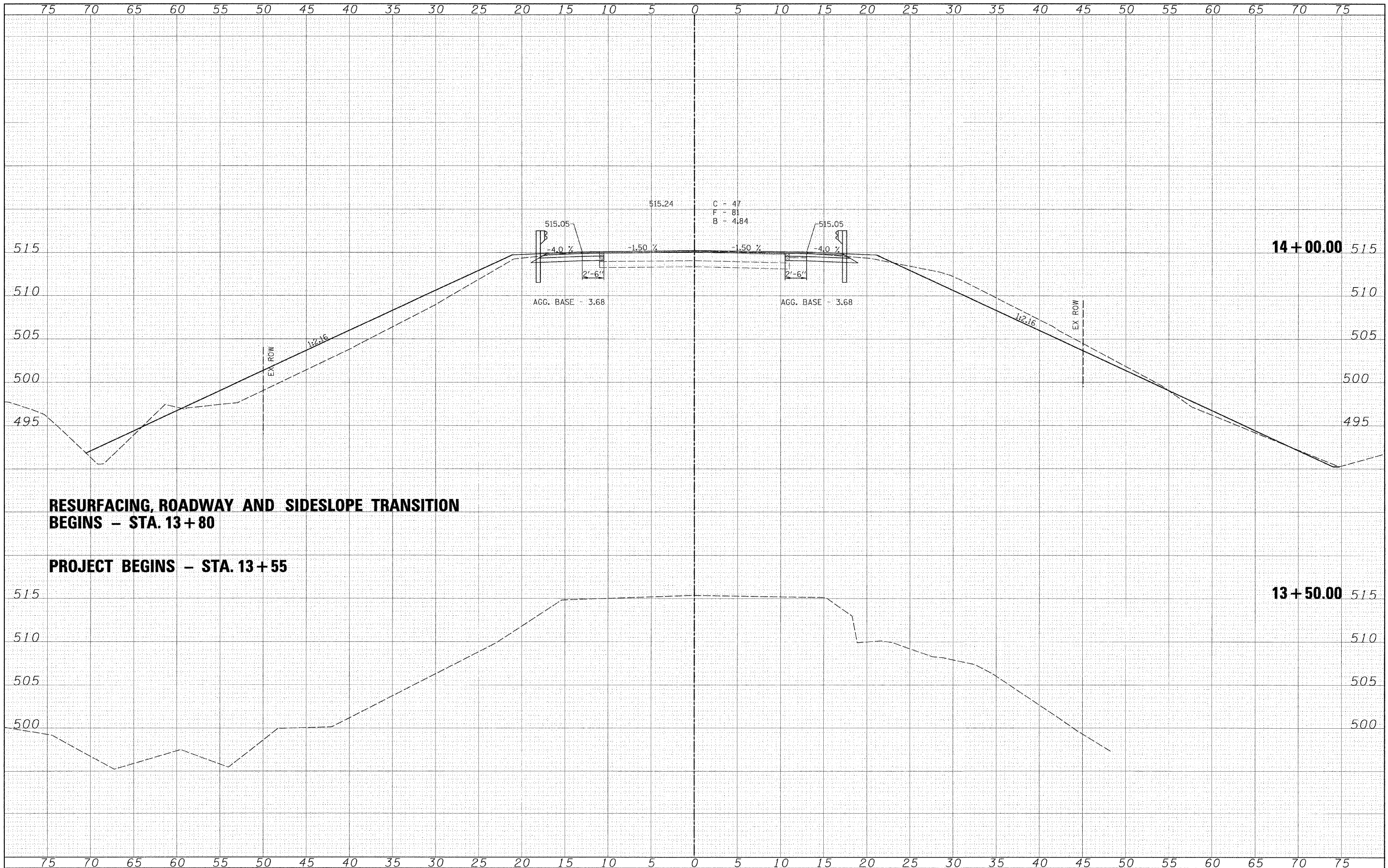


- LEGEND**
-  - TEMPORARY EROSION CONTROL SEEDING
  -  - PERIMETER EROSION BARRIER
  -  - HEAVY DUTY EROSION CONTROL BLANKET
  -  - TEMPORARY DITCH CHECK

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	 <b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>EROSION CONTROL PLAN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	662	HRS-10,B-2)	SANGAMON	52	21
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	PLOT DATE = #DATE#	DATE -	REVISED -					FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT			

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEYED \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



**RESURFACING, ROADWAY AND SIDESLOPE TRANSITION BEGINS - STA. 13+80**

**PROJECT BEGINS - STA. 13+55**

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 PLOT DATE = #DATE# \_\_\_\_\_

DESIGNED - \_\_\_\_\_  
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 CHECKED - \_\_\_\_\_  
 DATE - \_\_\_\_\_

REVISED - \_\_\_\_\_  
 REVISED - \_\_\_\_\_  
 REVISED - \_\_\_\_\_  
 REVISED - \_\_\_\_\_



**Allen Henderson & Associates, Inc.**  
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 No. 184-001907

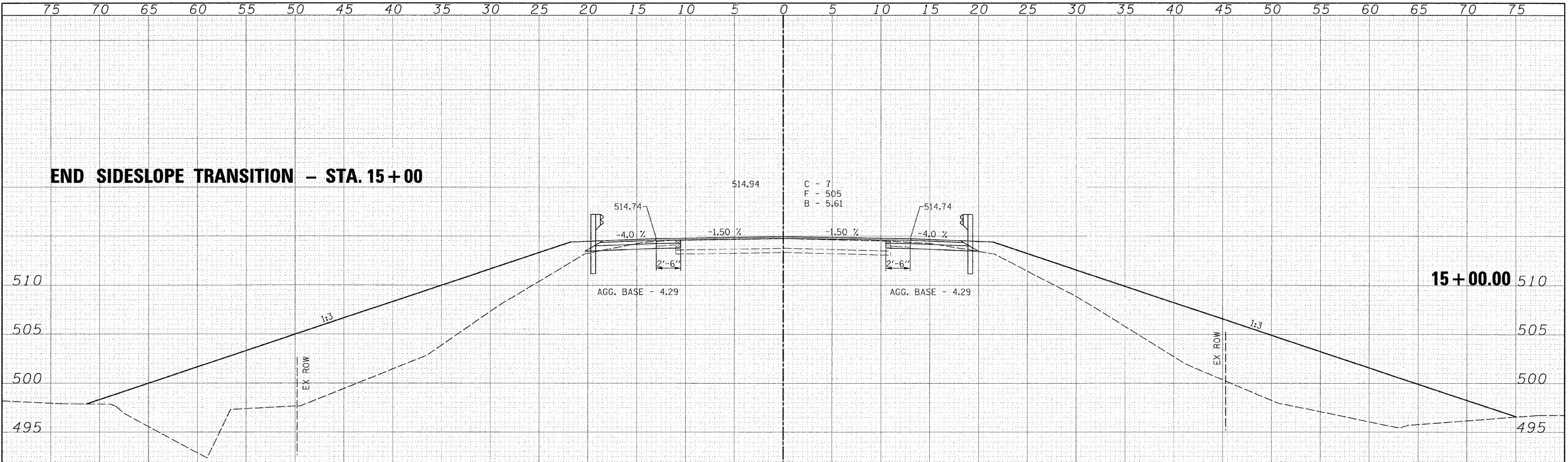
**CROSS SECTIONS**  
 SCALE: 1" = 5'  
 SHEET NO. \_\_\_ OF \_\_\_ SHEETS  
 STA. 13+50.00 TO STA. 14+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	22
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. <b>93558</b>	

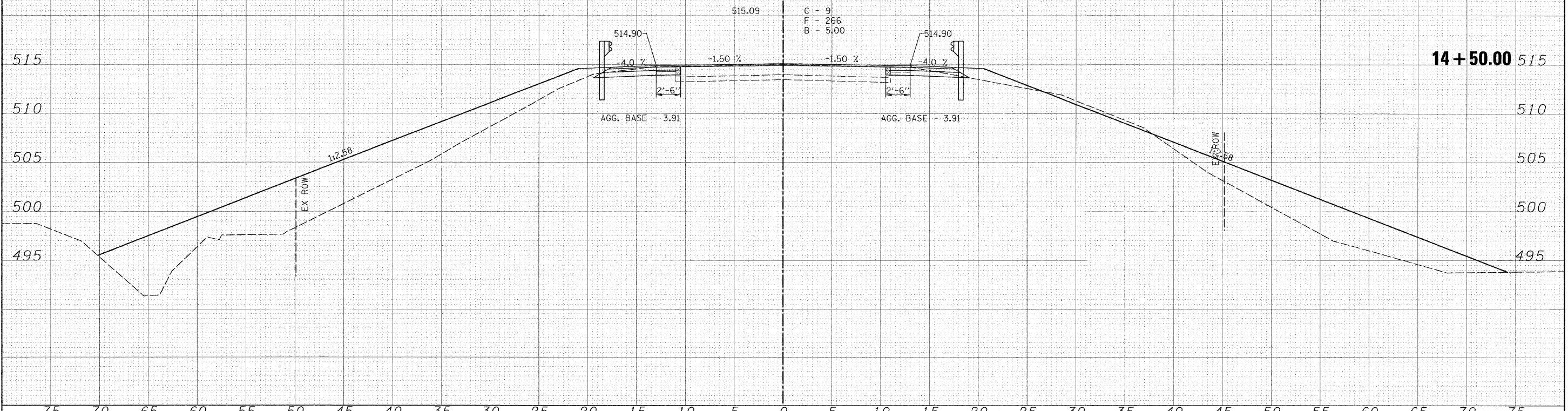
DATE	
BY	
FINAL SURVEY	
SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

**END SIDESLOPE TRANSITION - STA. 15+00**



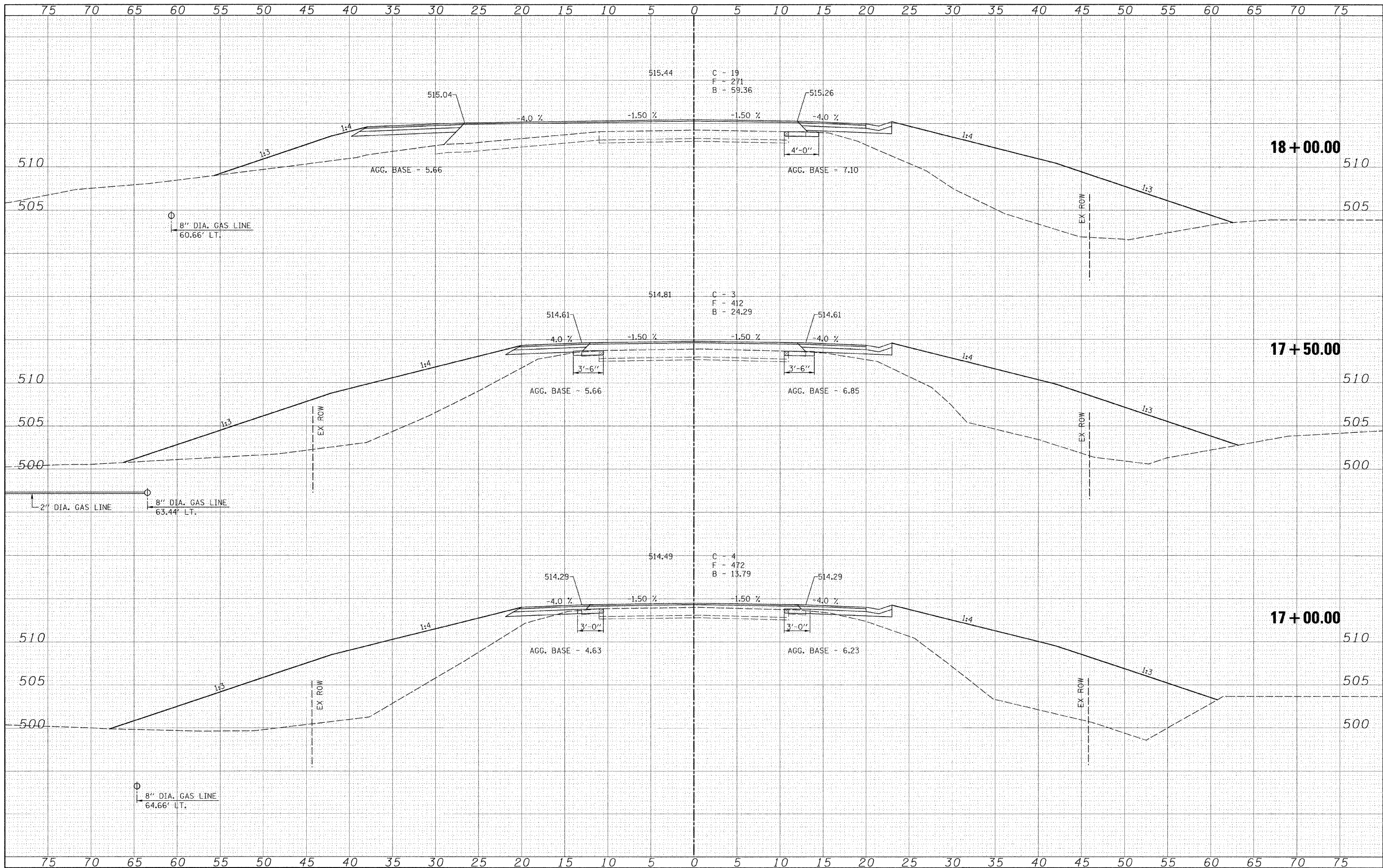
**END HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT - STA. 14+90**



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISOR -	<p><b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907</p>	<b>CROSS SECTIONS</b>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISOR -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							







DATE	
BY	
FINAL SURVEY	
SURVEYED	
NOTED	
NO. OF SHEETS	
NO. OF AREAS	
NO. OF AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
NO. OF SHEETS	
NO. OF AREAS	
NO. OF AREAS CHECKED	

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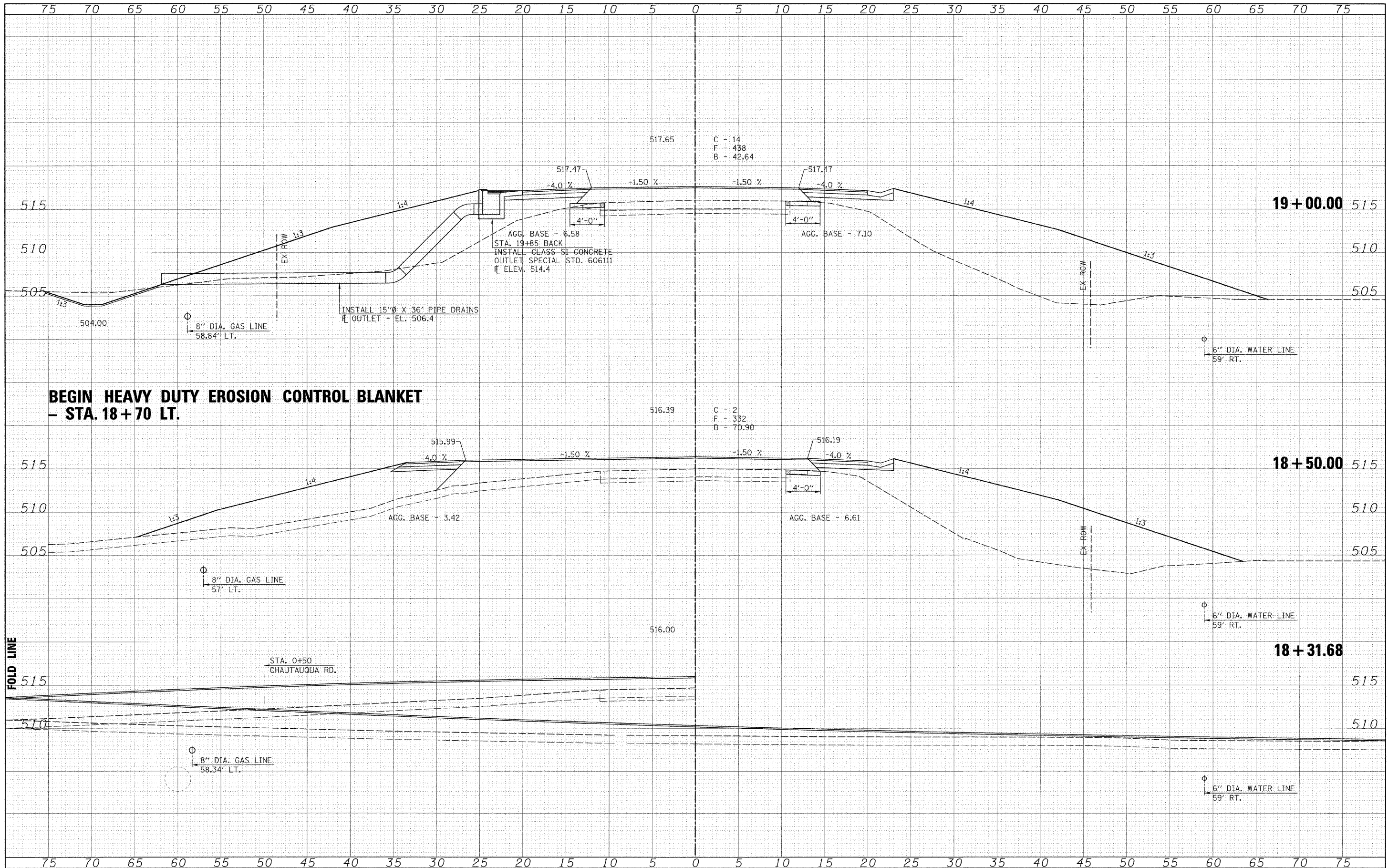
**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

**CROSS SECTIONS**  
SCALE: 1" = 5'  
SHEET NO. \_\_\_ OF \_\_\_ SHEETS  
STA. 17+00.00 TO STA. 18+00.00

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

DATE	
BY	
FINAL SURVEY	
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NOTE BOOK	
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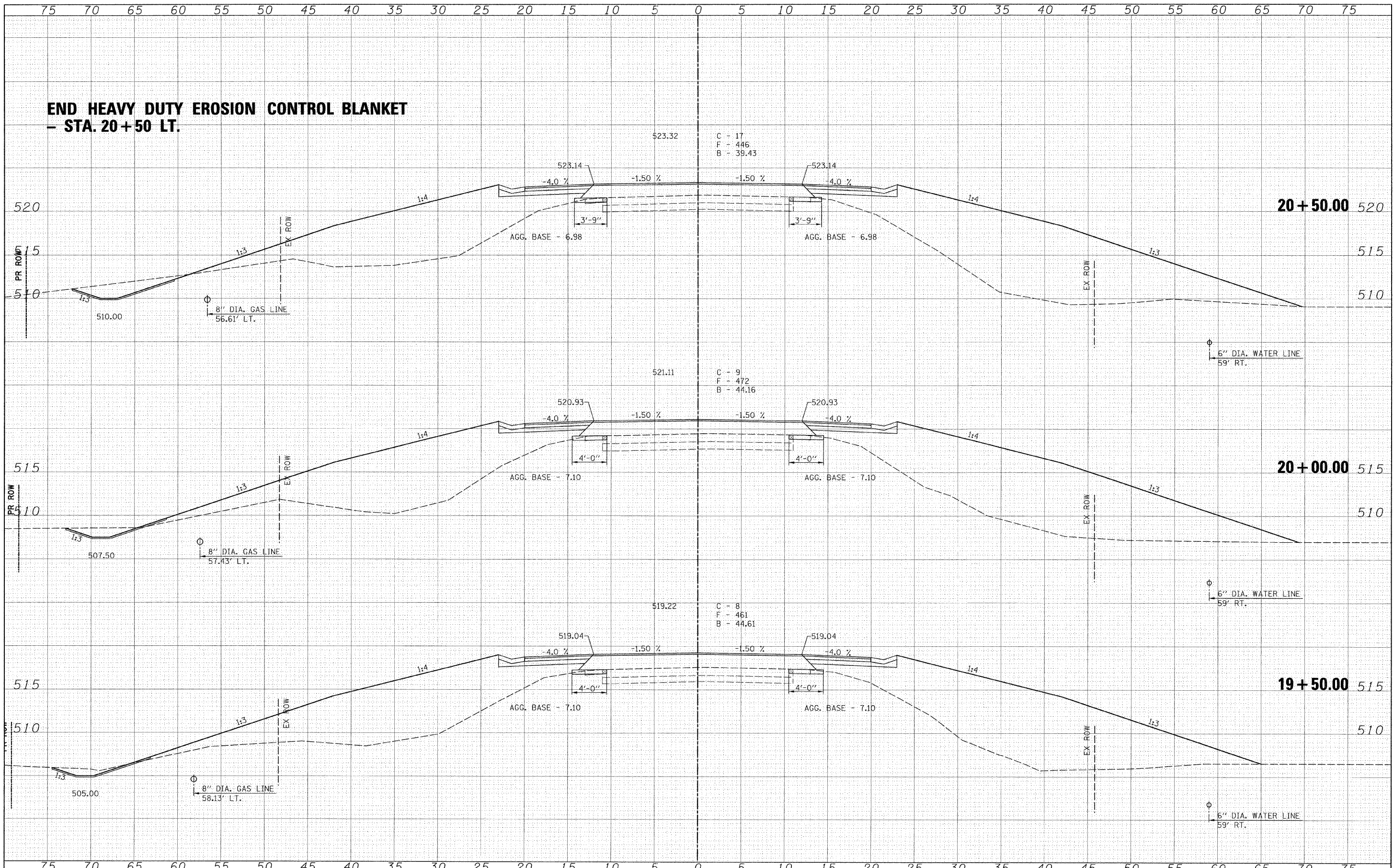
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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**BEGIN HEAVY DUTY EROSION CONTROL BLANKET  
- STA. 18+70 LT.**


FILE NAME =	USER NAME = \$USERS	DESIGNED -	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = \$DATE#	CHECKED -	REVISED -		SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS	STA. 18+31.68	TO STA. 19+00.00	CONTRACT NO. 93558		
		DATE -	REVISED -					FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			

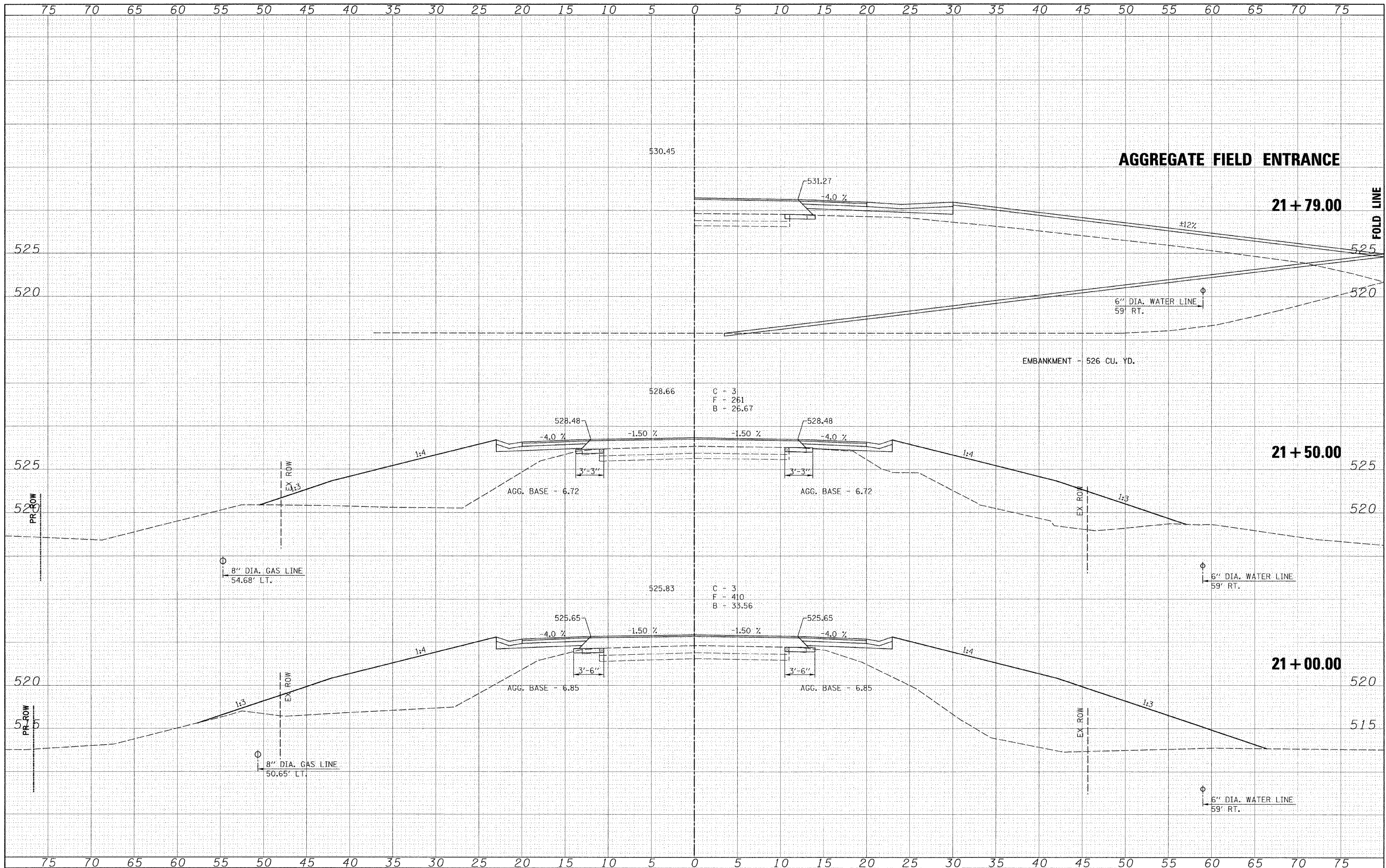
**END HEAVY DUTY EROSION CONTROL BLANKET  
- STA. 20+50 LT.**



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	 <b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b>		F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 27	
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	PLCT DATE = #DATE#	CHECKED -	REVISED -									
		DATE -	REVISED -									



FINAL SURVEY BY DATE  
 SURVEYED BY  
 CHECKED BY  
 DATE  
 NO. OF SHEETS  
 TOTAL SHEETS

ORIGINAL SURVEY BY DATE  
 SURVEYED BY  
 CHECKED BY  
 DATE  
 NO. OF SHEETS  
 TOTAL SHEETS

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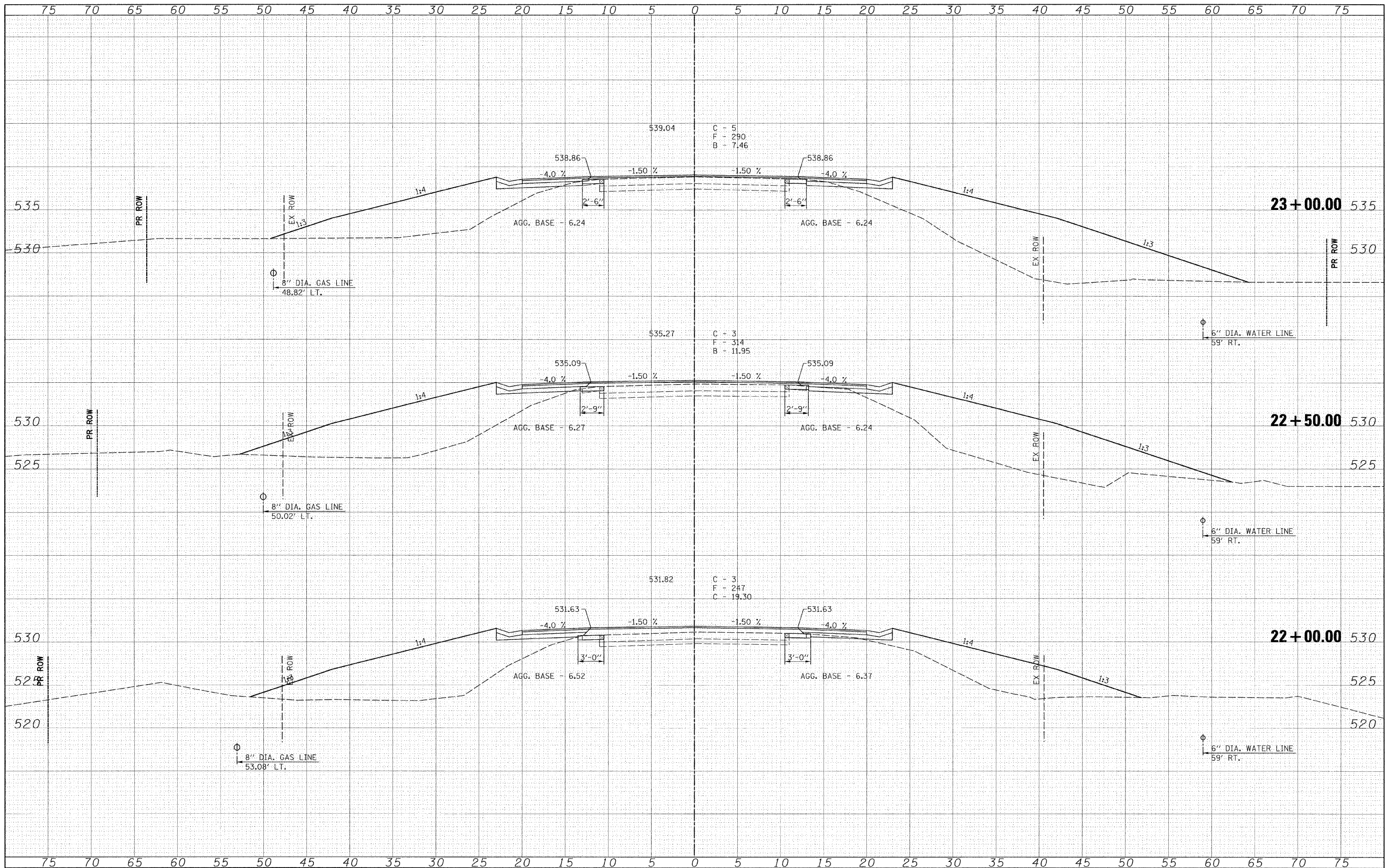
**Allen Henderson & Associates, Inc.**  
 Civil and Structural Engineers Springfield, IL.  
 62703 Phone: (217)544-8033 IL Design Firm  
 No. 184-001907

**CROSS SECTIONS**  
 SCALE: 1" = 5'  
 SHEET NO. \_\_\_ OF \_\_\_ SHEETS  
 S+A. 21+00.00 TO STA. 21+78.93

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
574	08-00056-03-PV	MENARD	52 28
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 9.355.8

BY	DATE
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

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CHECKED -	REVISOR -
DATE -	REVISOR -



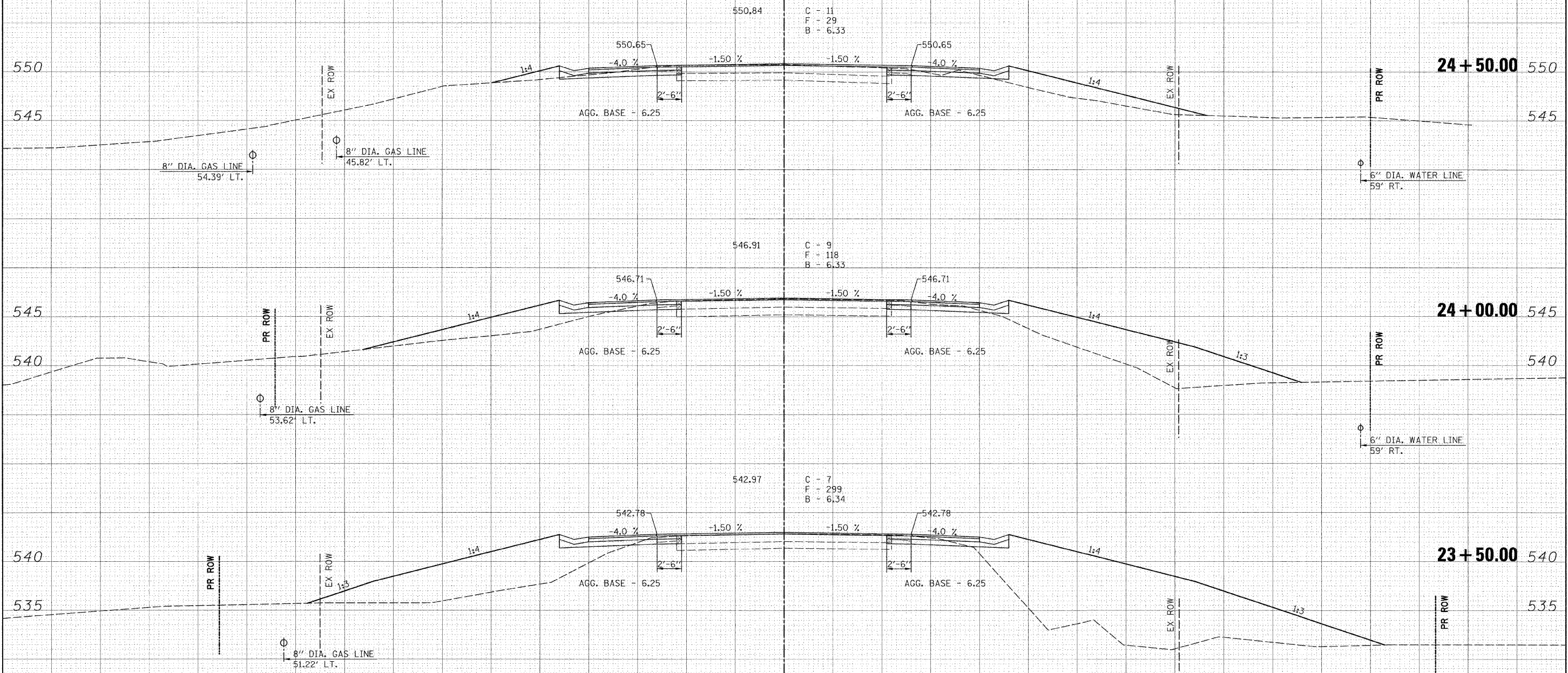
**Allen Henderson & Associates, Inc.**  
 Civil and Structural Engineers Springfield, IL  
 62703 Phone: (217)544-8033 IL Design Firm  
 No. 184-001907

SCALE: 1" = 5'	
SHEET NO. ___ OF ___ SHEETS	STA. 22+00.00 TO STA. 23+00.00

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 29
CONTRACT NO. 93558				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

**SUPERELEVATION TRANSITION BEGINS - STA. 24+65.56 LT.**



**BEGIN HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH - STA. 23+25**

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS	
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FILE NAME =	
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DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	



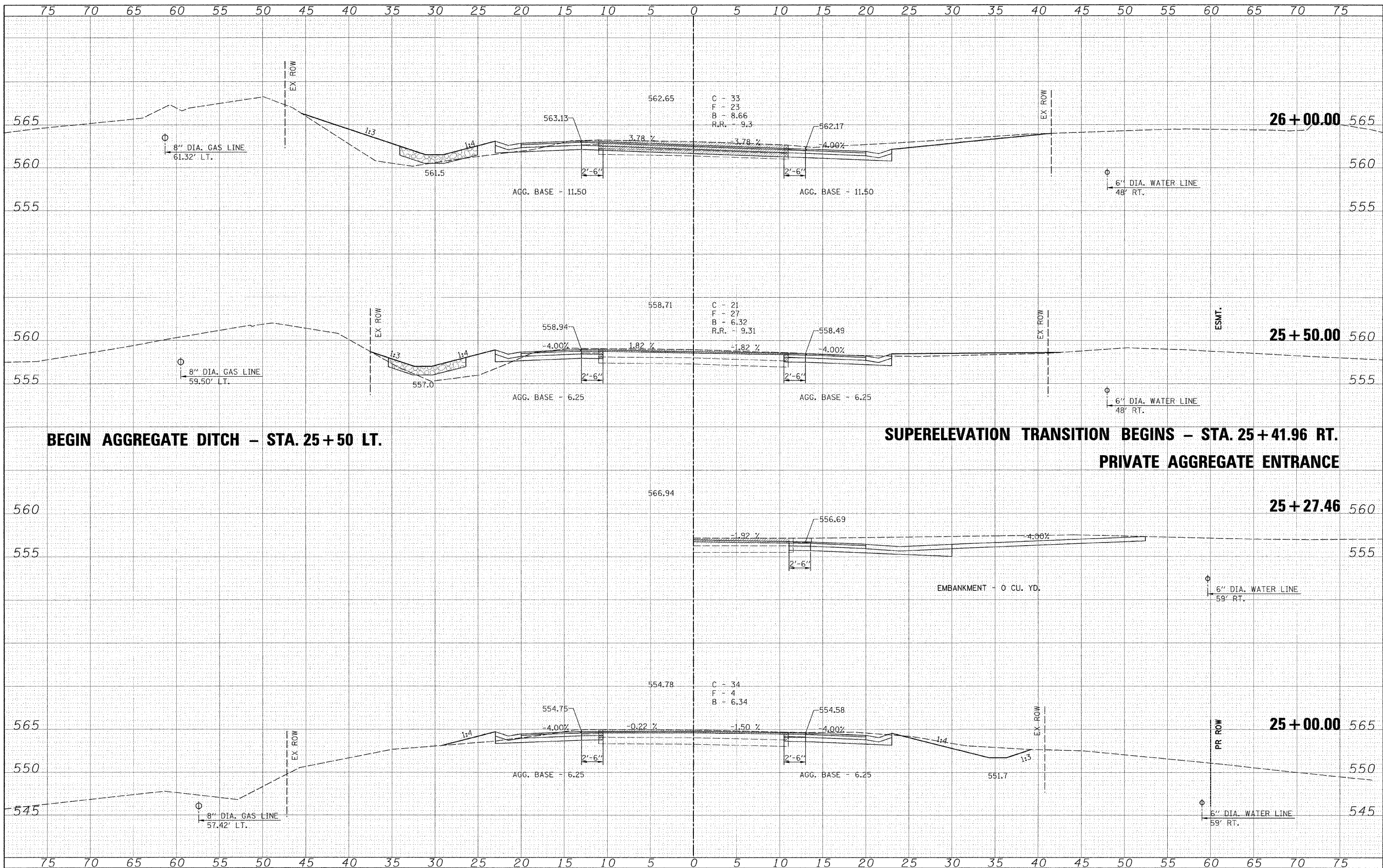
**Allen Henderson & Associates, Inc.**  
 Civil and Structural Engineers Springfield, IL  
 62703 Phone: (217)544-8033 IL Design Firm  
 No. 184-001907

<b>CROSS SECTIONS</b>	
SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS
STA. 23+50.00 TO STA. 24+50.00	

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO. 93558

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

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



**BEGIN AGGREGATE DITCH - STA. 25+50 LT.**

**SUPERELEVATION TRANSITION BEGINS - STA. 25+41.96 RT.  
PRIVATE AGGREGATE ENTRANCE**

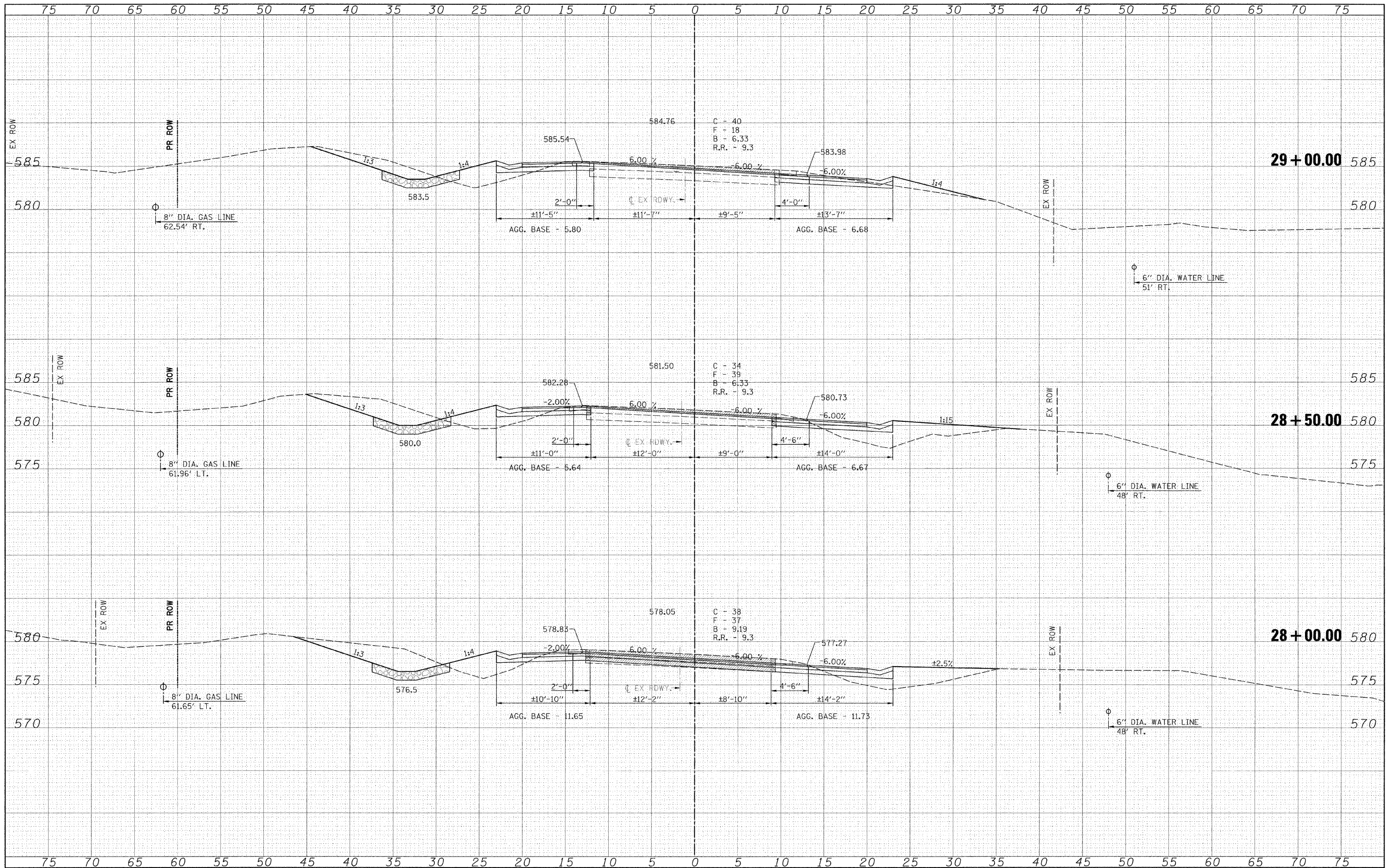
FILE NAME	USER NAME = #USER#	DESIGNED -	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b> SCALE: 1" = 5' SHEET NO. ___ OF ___ SHEETS STA. 25+00.00 TO STA. 26+00.00		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -				FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				





BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =  
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USER NAME = #USER#  
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DRAWN -  
CHECKED -  
DATE -

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REVISED -  
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REVISED -



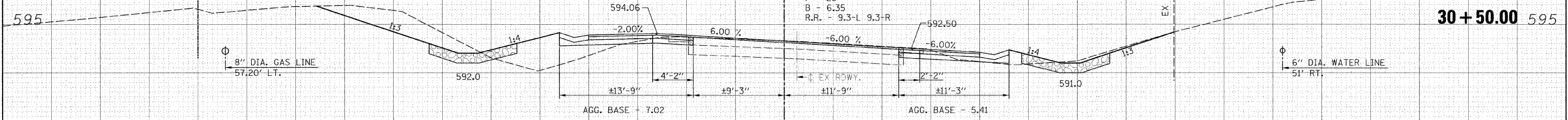
**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

**CROSS SECTIONS**  
SCALE: 1" = 5'  
SHEET NO. \_\_\_ OF \_\_\_ SHEETS  
STA. 28+00.00 TO STA. 29+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	33
CONTRACT NO. 93558				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

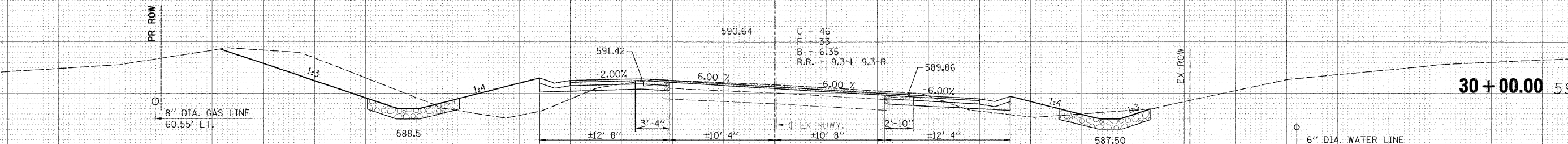
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

### END HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH - STA. 30+64



C - 33  
F - 23  
B - 6.35  
R.R. - 9.3-L 9.3-R

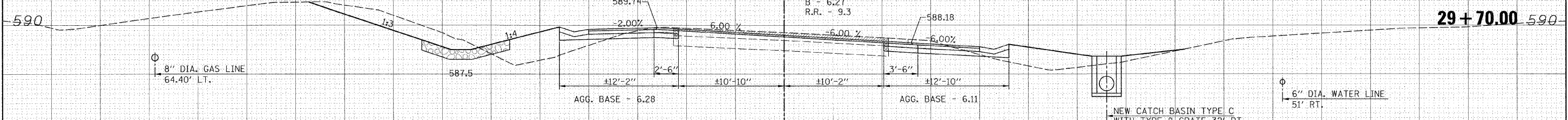
30+50.00 595



C - 46  
F - 33  
B - 6.35  
R.R. - 9.3-L 9.3-R

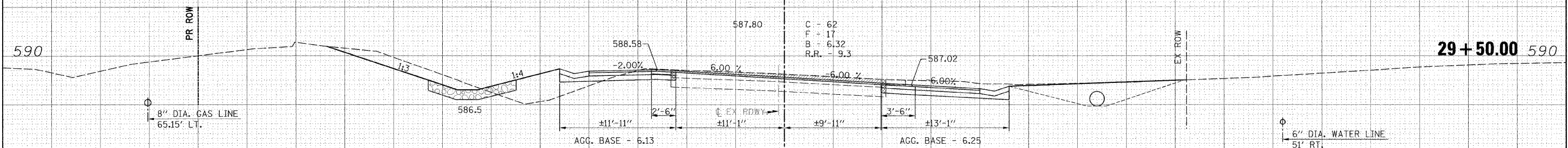
30+00.00 590

### BEGIN AGGREGATE DITCH - STA. 29+71 RT.



C - 34  
F - 39  
B - 6.27  
R.R. - 9.3

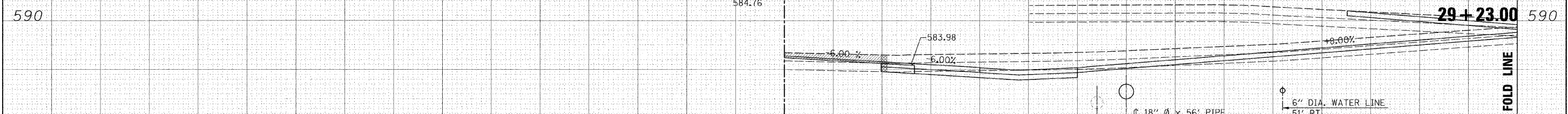
29+70.00 590



C - 62  
F - 17  
B - 6.32  
R.R. - 9.3

29+50.00 590

### PRIVATE AGGREGATE ENTRANCE



EX 15" Ø X 48' CMP  
(TO BE REMOVED)

Ø 18" Ø x 56' PIPE  
CULVERTS CLASS D, TYPE 1  
W/ METAL END SECTION  
# INLET - EL. 583.3  
(IN CATCH BASIN)  
# OUTLET - EL. 581.0  
STA. 29+13, 35' RT.  
EMBANKMENT - 0 CU. YD.

29+23.00 590

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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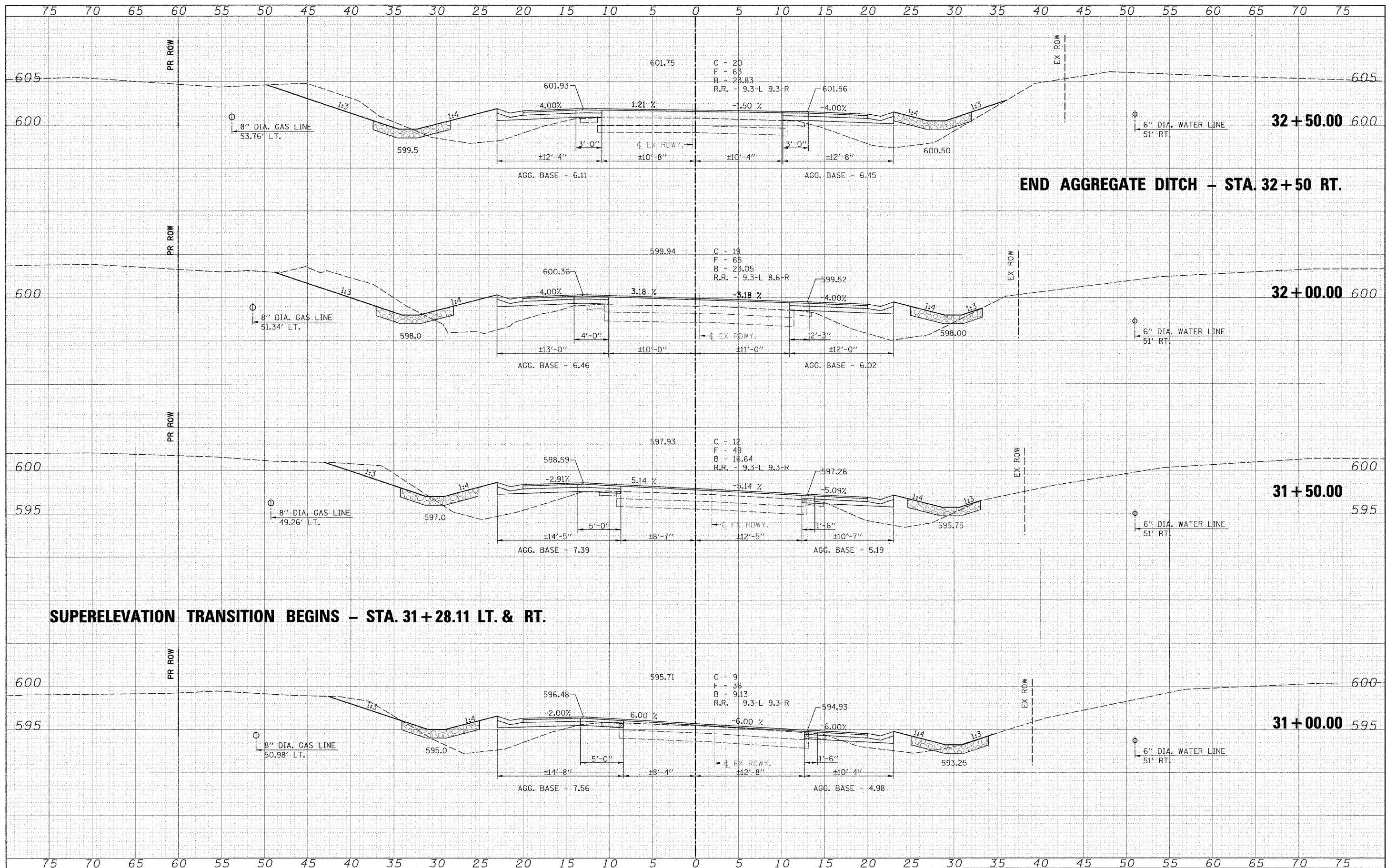
**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL  
62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

<b>CROSS SECTIONS</b>	
SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS
STA. 29+26.42 TO STA. 30+50.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	34
CONTRACT NO. 93558				

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BY	
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PLOTTED	
NOTE BOOK	
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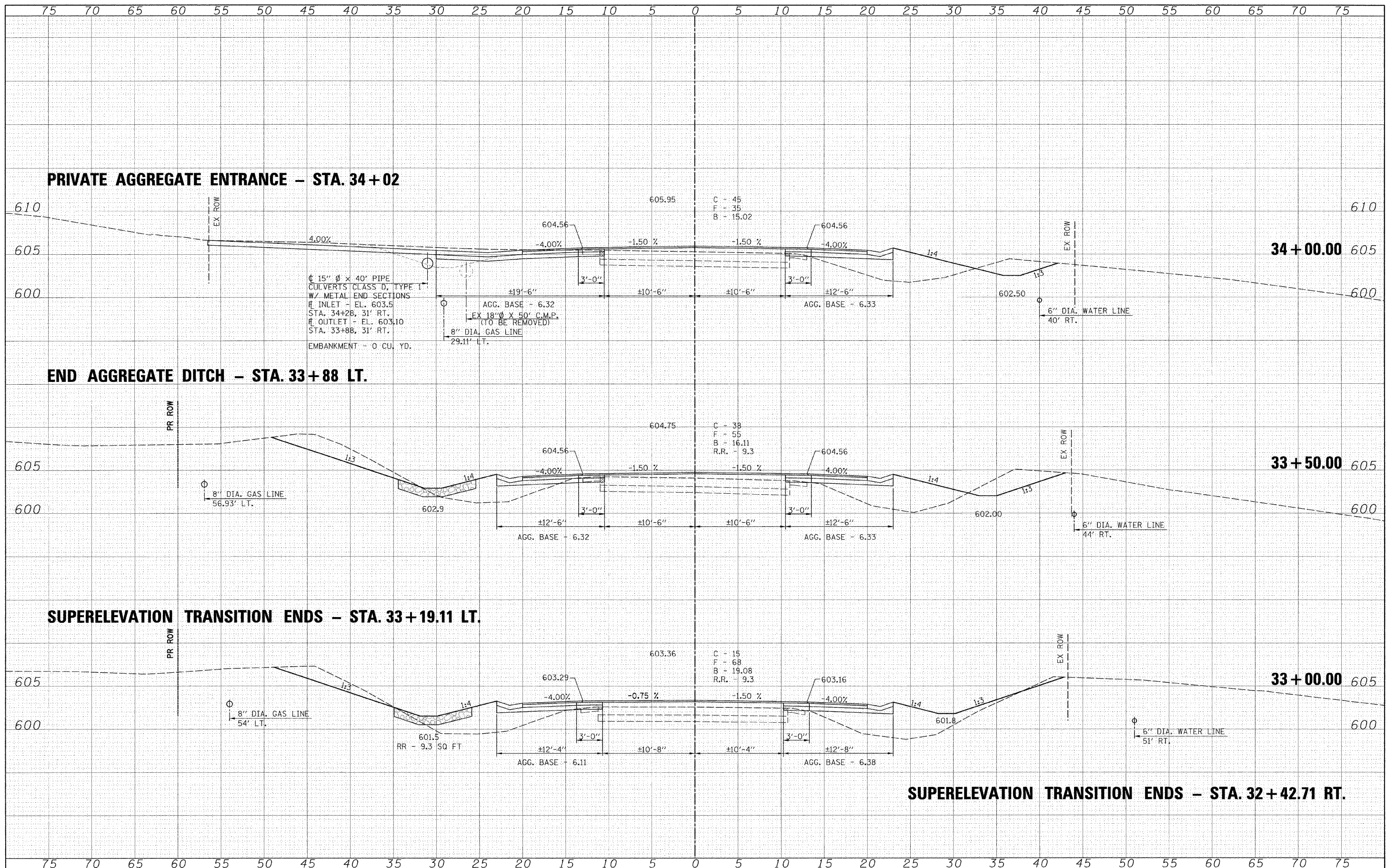
DATE	
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NOTE BOOK	
AREAS	
AREAS CHECKED	
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**END AGGREGATE DITCH - STA. 32+50 RT.**

**SUPERELEVATION TRANSITION BEGINS - STA. 31+28.11 LT. & RT.**

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS	574	08-00056-03-PV	MENARD	52	35
PLOT SCALE = #SCALE#		CHECKED -	REVISED -		STA. 31+00.00 TO STA. 32+50.00		CONTRACT NO. 93558				
PLOT DATE = #DATE#		DATE -	REVISED -				FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

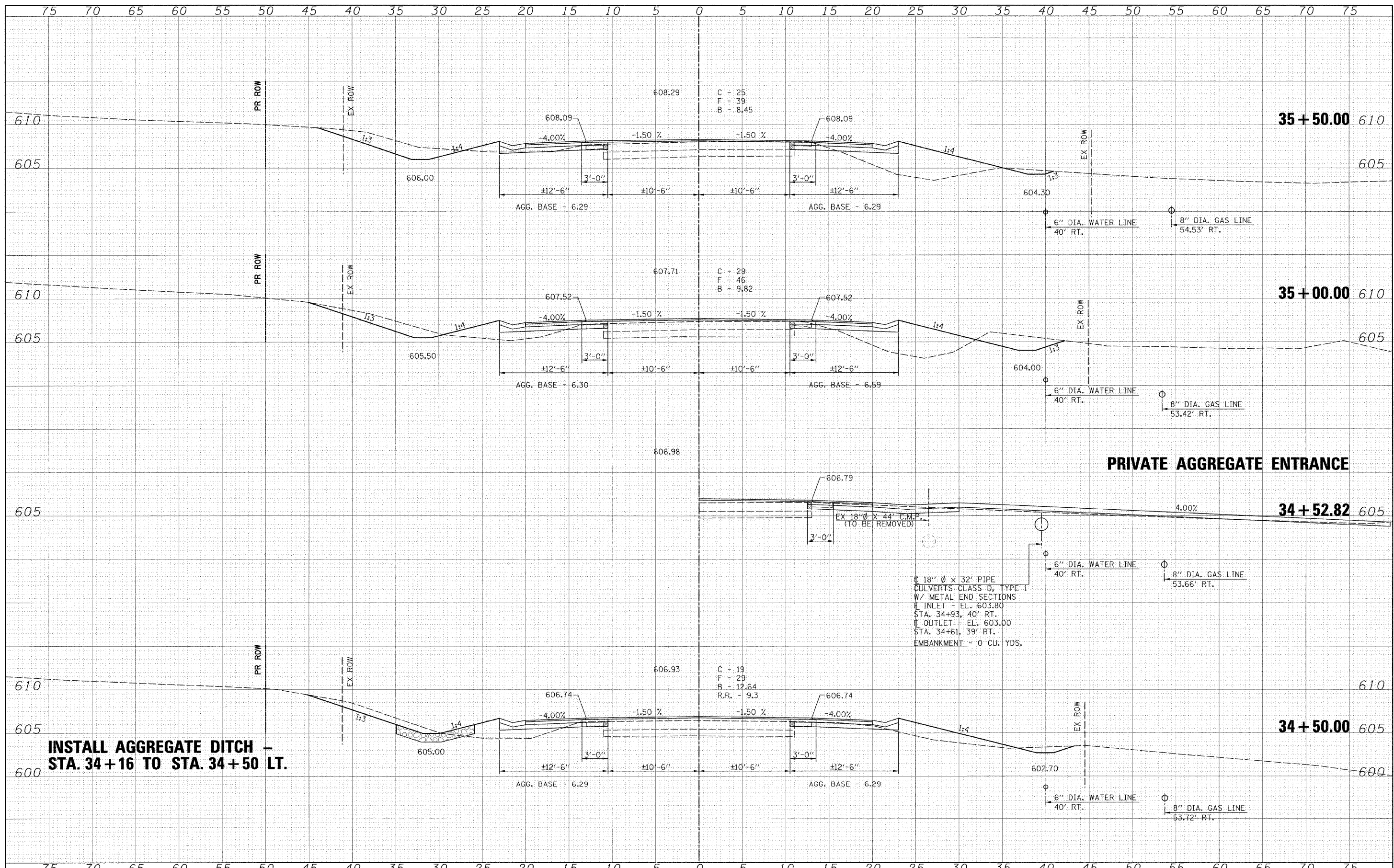


BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
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NO.	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS	
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BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS	
CHECKED	



**INSTALL AGGREGATE DITCH - STA. 34+16 TO STA. 34+50 LT.**

**PRIVATE AGGREGATE ENTRANCE**

18" Ø x 32' PIPE  
 CULVERTS CLASS D, TYPE 1  
 W/ METAL END SECTIONS  
 INLET - EL. 603.80  
 STA. 34+93, 40' RT.  
 OUTLET - EL. 603.00  
 STA. 34+61, 39' RT.  
 EMBANKMENT - 0' CU. YDS.

FILE NAME =  
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 CHECKED -  
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REVISOR -  
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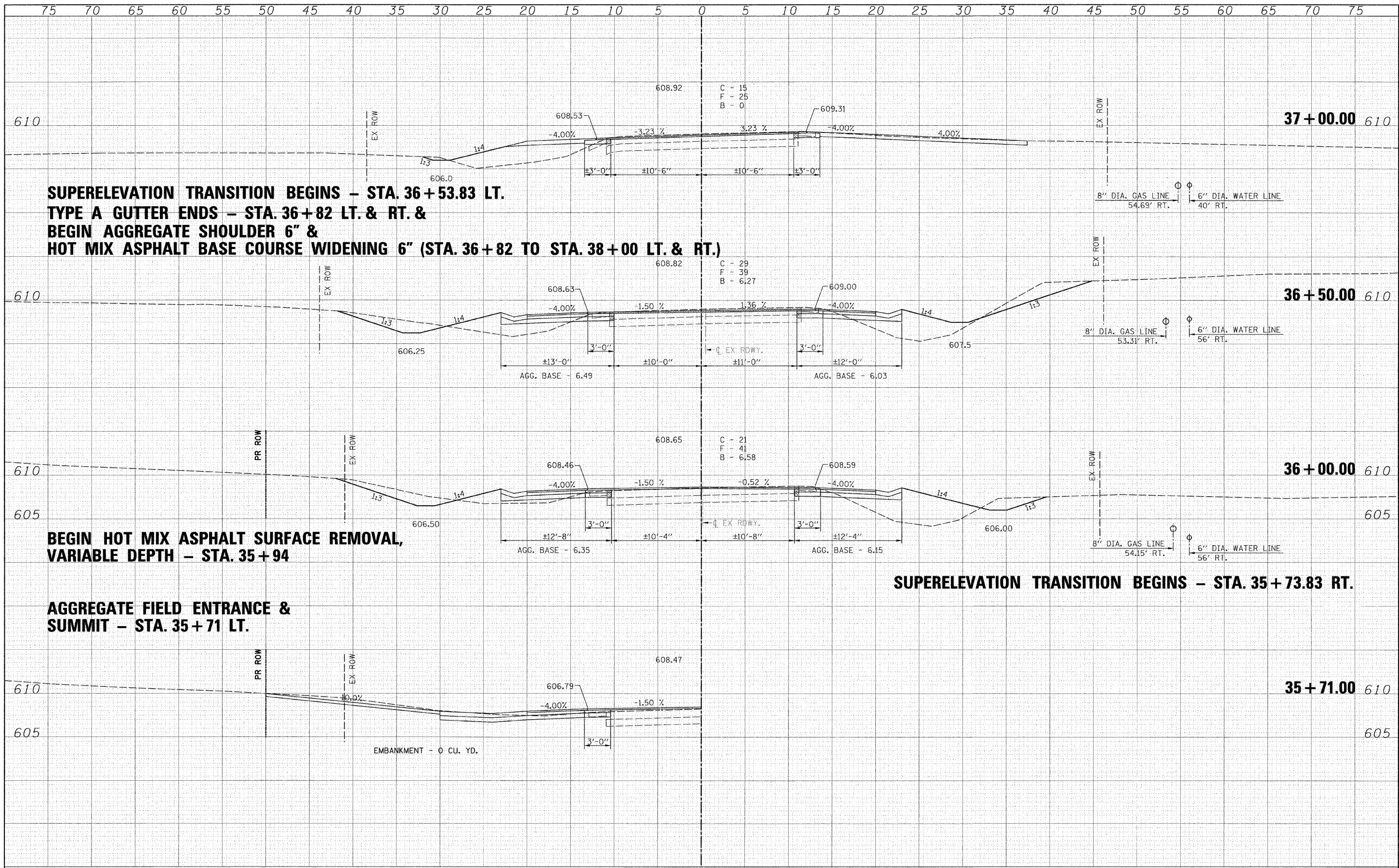
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 DRAWN -  
 CHECKED -  
 DATE -



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**CROSS SECTIONS**  
 SCALE: 1" = 5'  
 SHEET NO. 00 SHEETS  
 STA. 34+50.00 TO STA. 35+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	37
CONTRACT NO. 93558				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



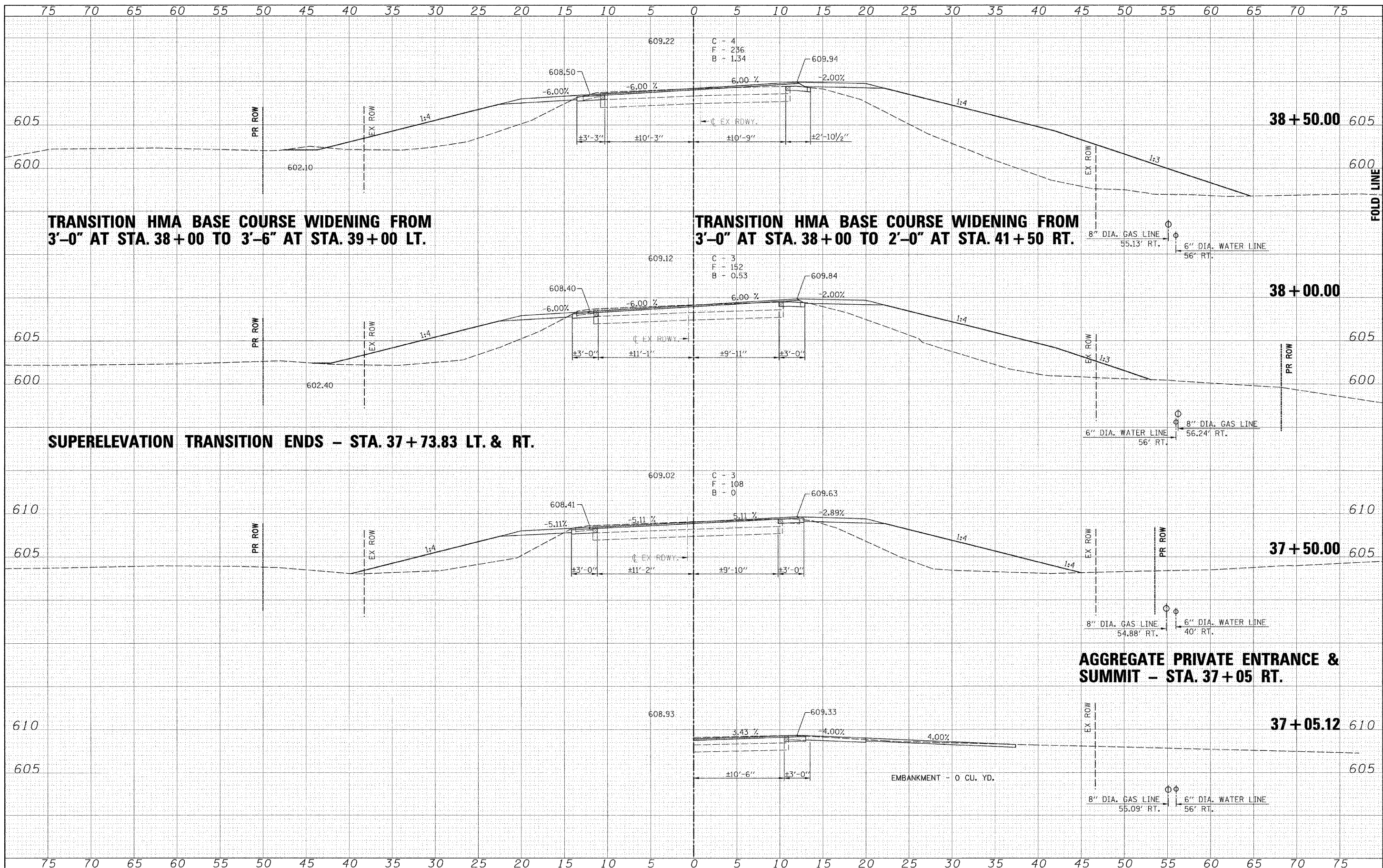
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BY	
FINAL SURVEY	
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NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
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ORIGINAL SURVEY	
REVISED SURVEY	
NOTE BOOK	
TEMPLATE	
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FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b>		F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 38
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	PLOT DATE = #DATE#	CHECKED -	REVISED -								
		DATE -	REVISED -								

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FINAL SURVEY	
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NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
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ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
NO.	
AREAS CHECKED	



**TRANSITION HMA BASE COURSE WIDENING FROM 3'-0" AT STA. 38+00 TO 3'-6" AT STA. 39+00 LT.**

**TRANSITION HMA BASE COURSE WIDENING FROM 3'-0" AT STA. 38+00 TO 2'-0" AT STA. 41+50 RT.**

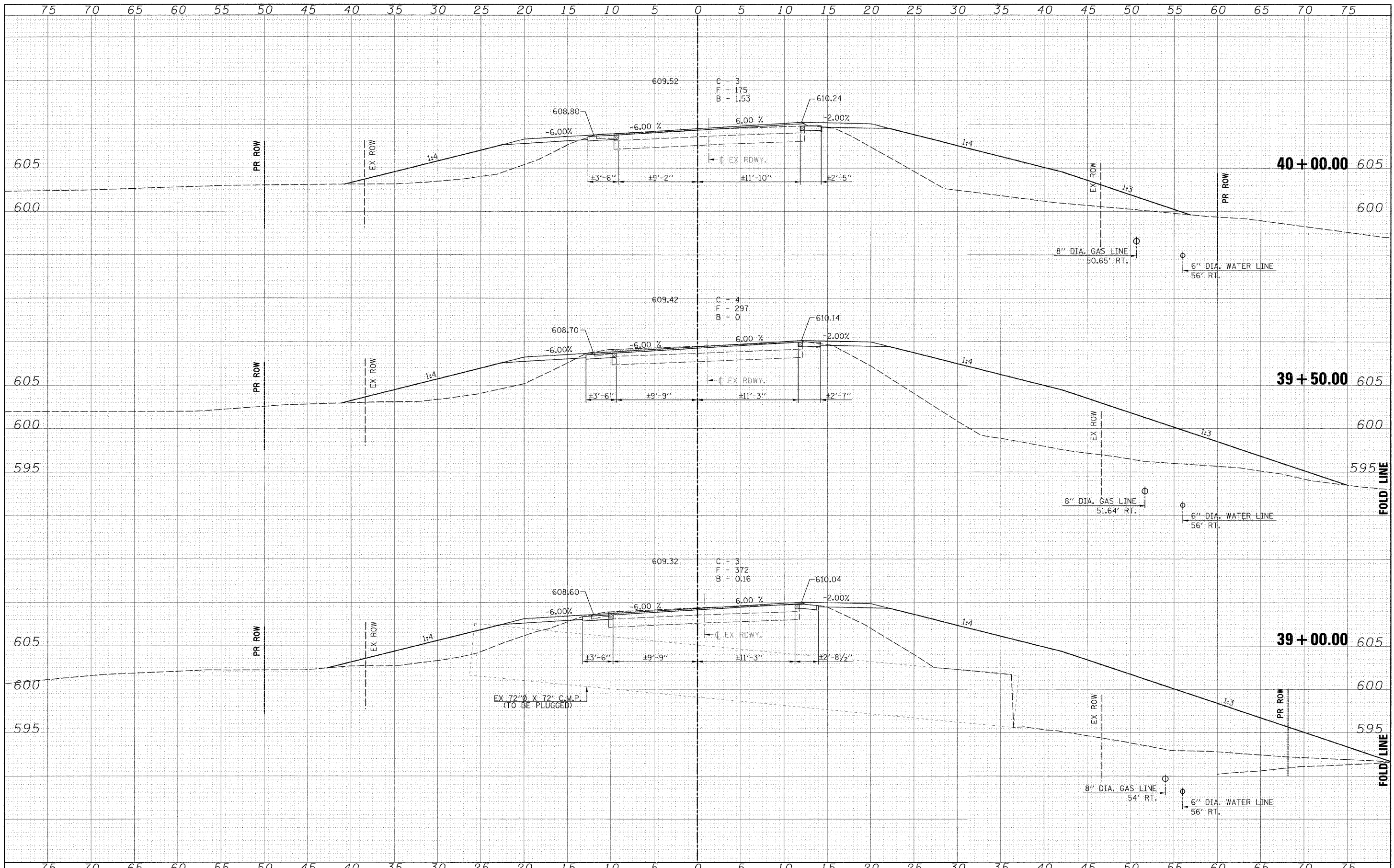
**SUPERELEVATION TRANSITION ENDS - STA. 37+73.83 LT. & RT.**

**AGGREGATE PRIVATE ENTRANCE & SUMMIT - STA. 37+05 RT.**

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<p><b>Allen Henderson &amp; Associates, Inc.</b>          Civil and Structural Engineers Springfield, IL          62703 Phone: (217)544-8033 IL Design Firm          No. 184-001907</p>	<b>CROSS SECTIONS</b>		F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 39
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	PLOT DATE = #DATE#	CHECKED -	REVISED -								
		DATE -	REVISED -								

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

ORIGINAL SURVEY  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
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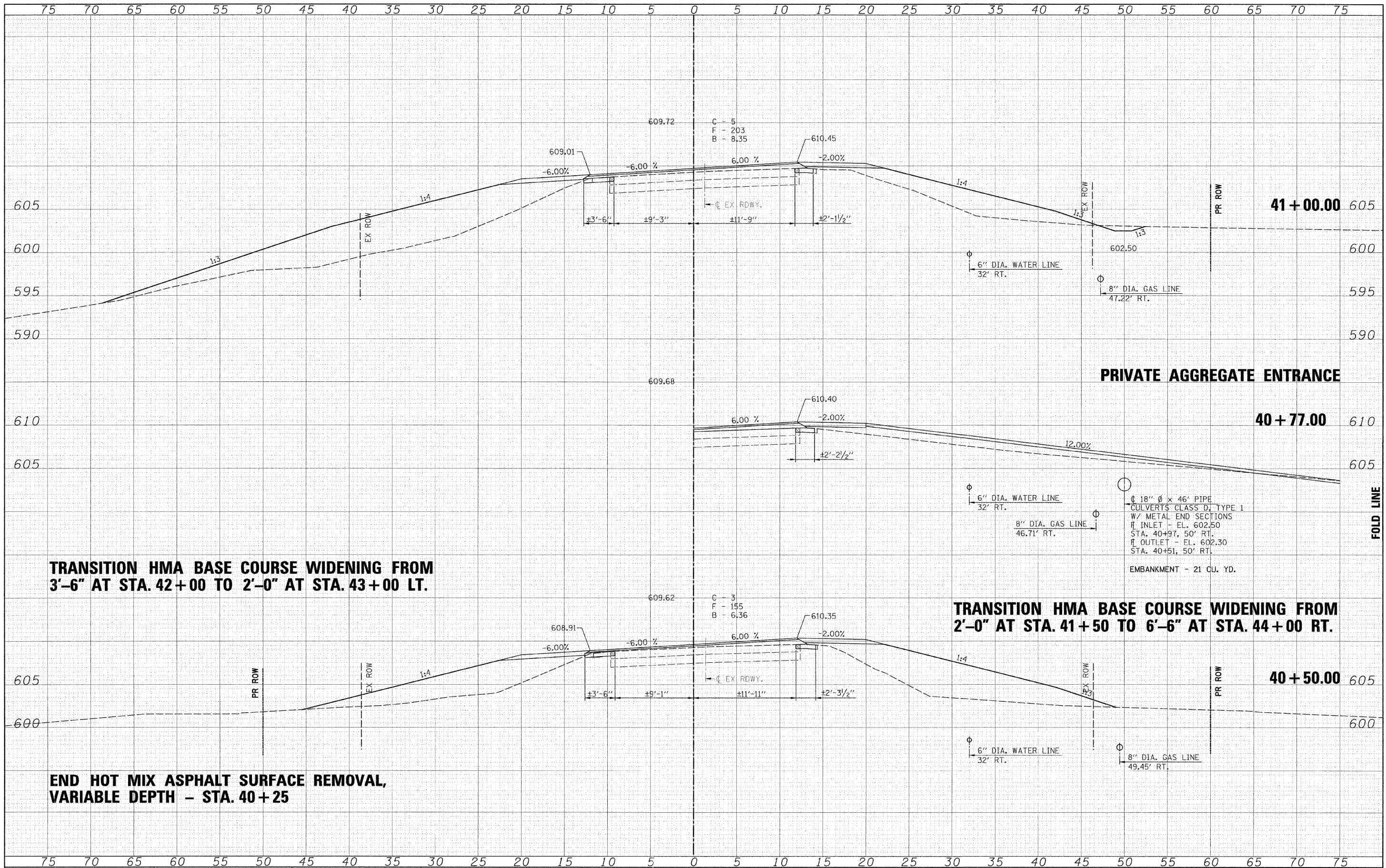


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		DATE -	REVISD -									



DATE	
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FINAL SURVEY	
REVISIONS	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
REVISIONS	
NOTE BOOK	
AREAS CHECKED	
NO.	



**TRANSITION HMA BASE COURSE WIDENING FROM 3'-6" AT STA. 42+00 TO 2'-0" AT STA. 43+00 LT.**

**END HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH - STA. 40+25**

**TRANSITION HMA BASE COURSE WIDENING FROM 2'-0" AT STA. 41+50 TO 6'-6" AT STA. 44+00 RT.**

**PRIVATE AGGREGATE ENTRANCE**

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CHECKED -	
DATE -	

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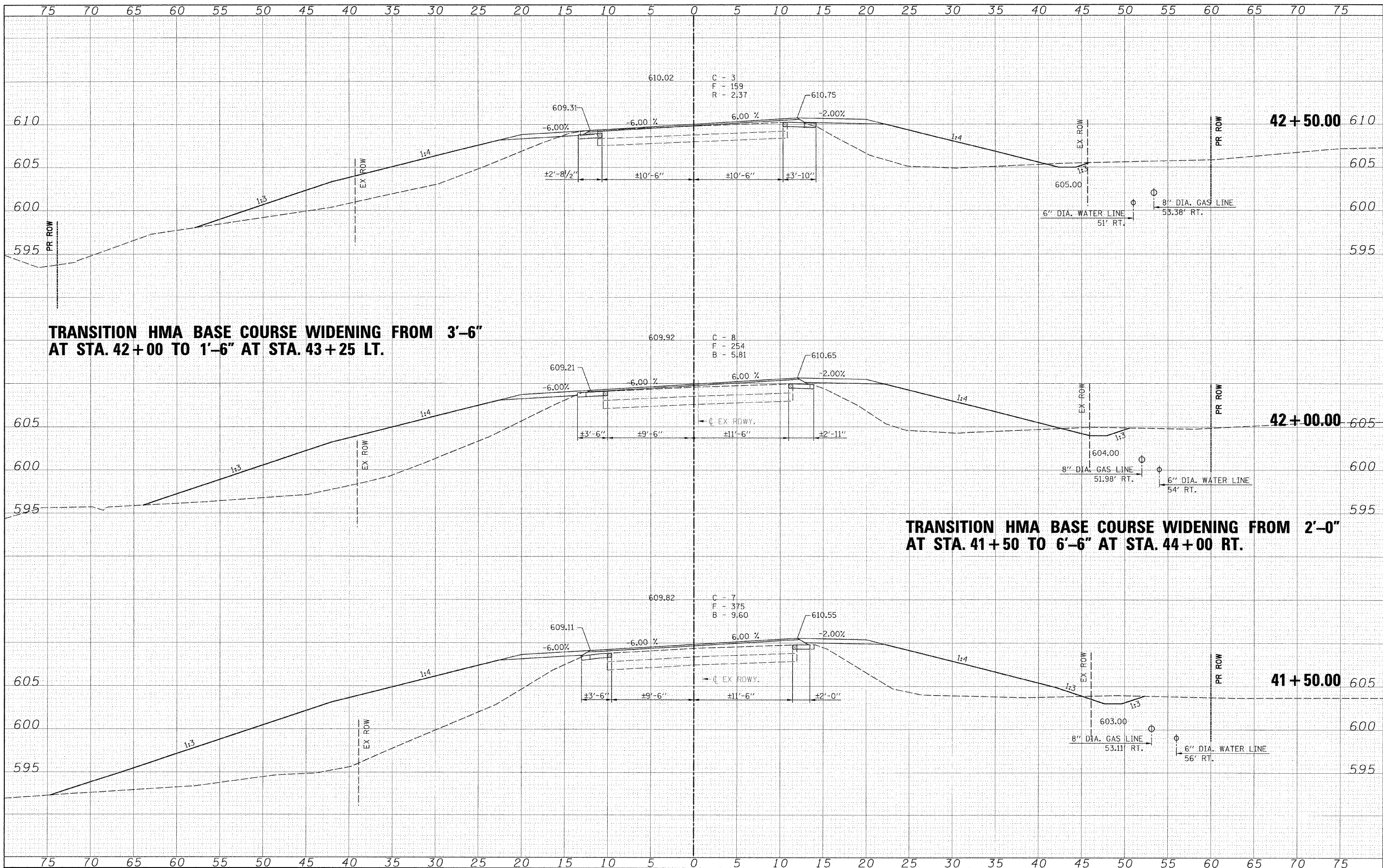
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DRAWN -	
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DATE -	



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<b>CROSS SECTIONS</b>	
SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS
STA. 40+50.00	TO STA. 41+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	41
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 9358	



**TRANSITION HMA BASE COURSE WIDENING FROM 3'-6" AT STA. 42+00 TO 1'-6" AT STA. 43+25 LT.**

**TRANSITION HMA BASE COURSE WIDENING FROM 2'-0" AT STA. 41+50 TO 6'-6" AT STA. 44+00 RT.**

DATE	
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DRAWN -	
CHECKED -	
DATE -	

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REVISED -	



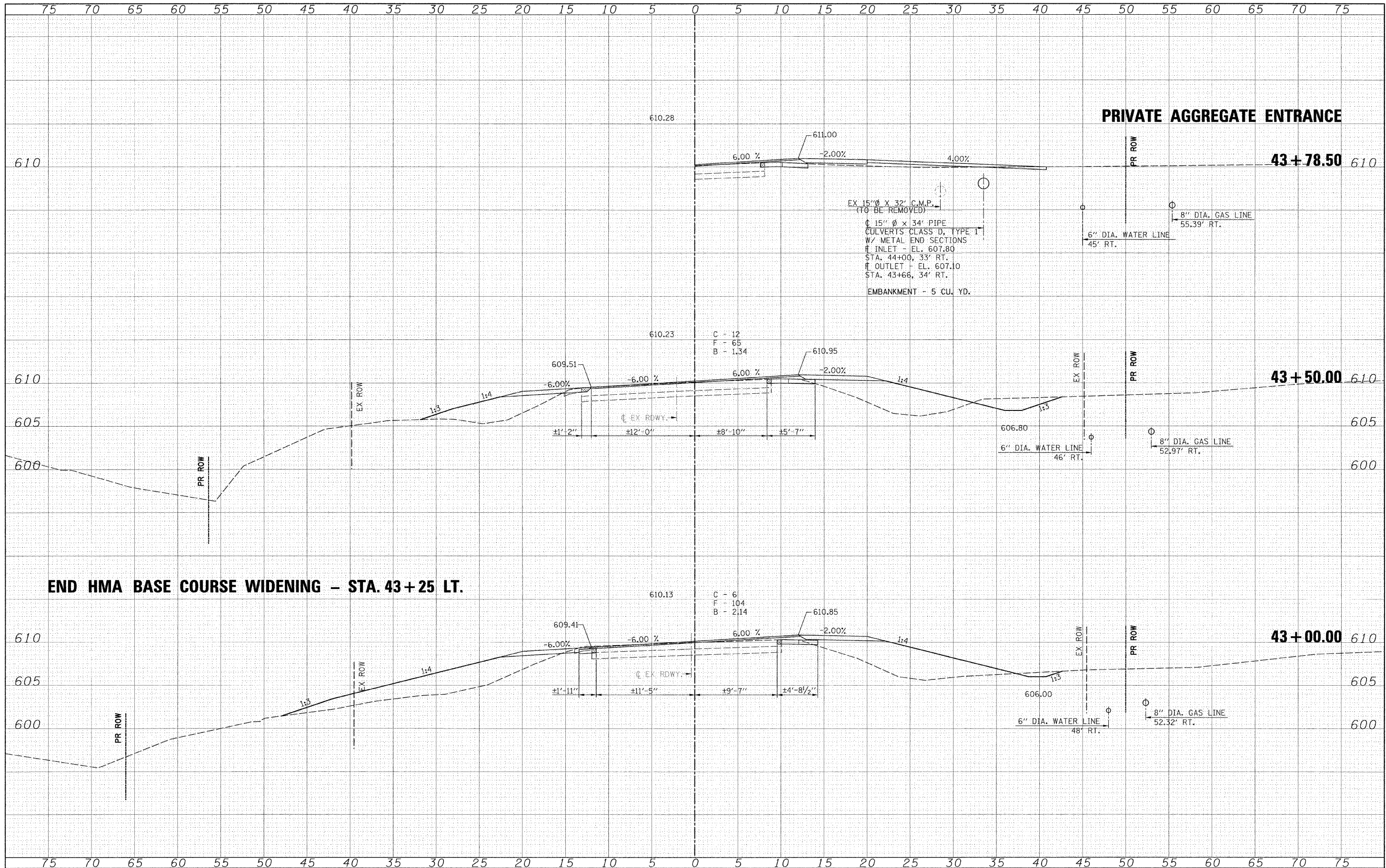
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 No. 184-001907

CROSS SECTIONS	
SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS
STA. 41+50.00 TO STA. 42+50.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	42
CONTRACT NO. 9.3.5.8				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

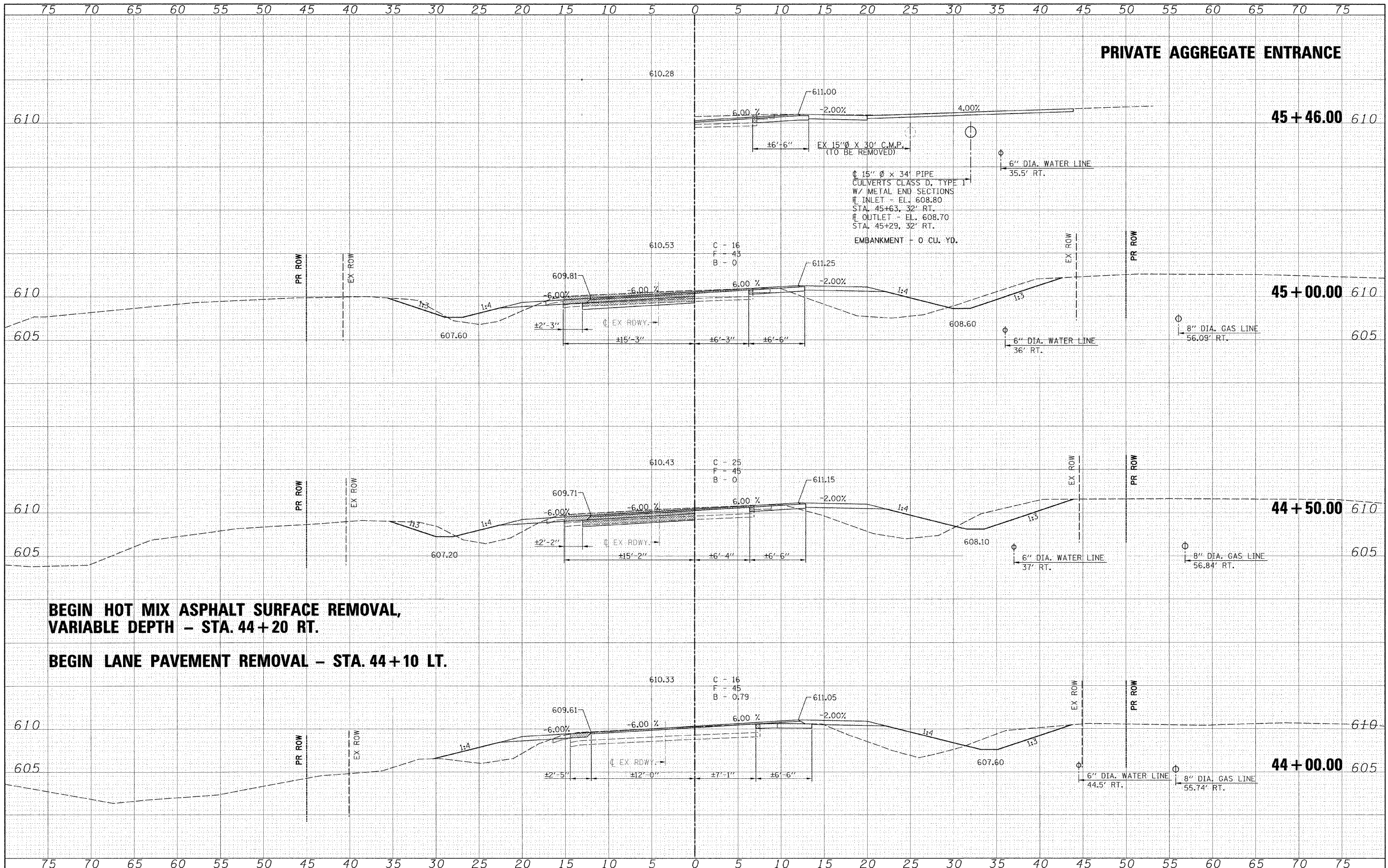
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 BY: \_\_\_\_\_  
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 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE: \_\_\_\_\_  
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 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b>		F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 43	
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		DATE -	REVISED -									

**PRIVATE AGGREGATE ENTRANCE**



**BEGIN HOT MIX ASPHALT SURFACE REMOVAL,  
VARIABLE DEPTH - STA. 44+20 RT.**

**BEGIN LANE PAVEMENT REMOVAL - STA. 44+10 LT.**

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

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

FILE NAME =
#FILE#

USER NAME = #USER#
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISOR -
REVISION -
REVISION -
REVISION -
REVISION -

SCALE = #SCALE#
PLOT DATE = #DATE#

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No. 184-001907

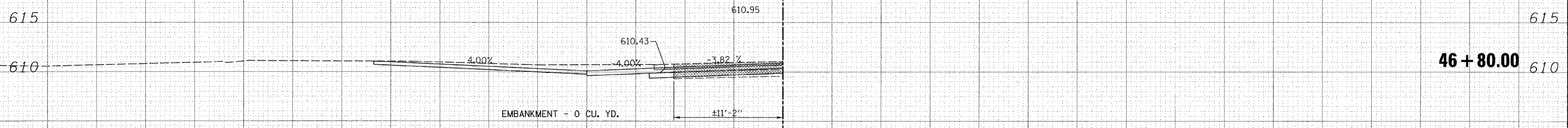
CROSS SECTIONS	
SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS
STA. 44+00.00	TO STA. 45+46.14

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 44
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

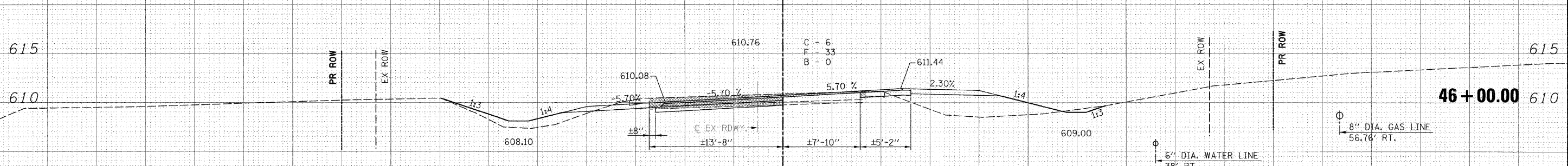
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**AGGREGATE FIELD ENTRANCE**

**SUMMIT - STA. 46 + 80 LT.**

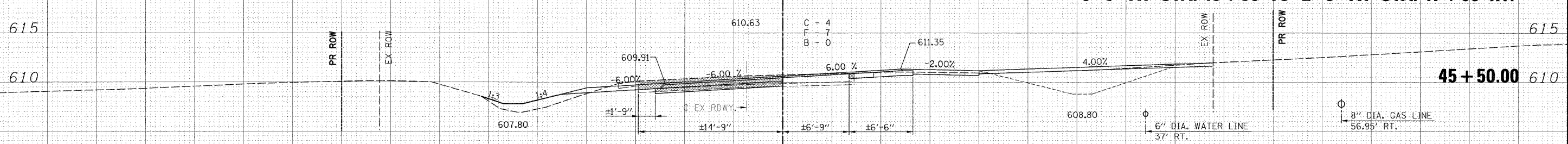


**RESUME HMA BASE COURSE WIDENING AT STA. 46 + 25 LT. - 2'-6" WIDE**



**SUPERELEVATION TRANSITION BEGINS - STA. 45 + 91.98 LT. & RT.**

**TRANSITION HMA BASE COURSE WIDENING FROM 6'-6" AT STA. 45 + 50 TO 2'-6" AT STA. 47 + 00 RT.**



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SUPERVISED \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SUPERVISED \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
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 AREAS \_\_\_\_\_  
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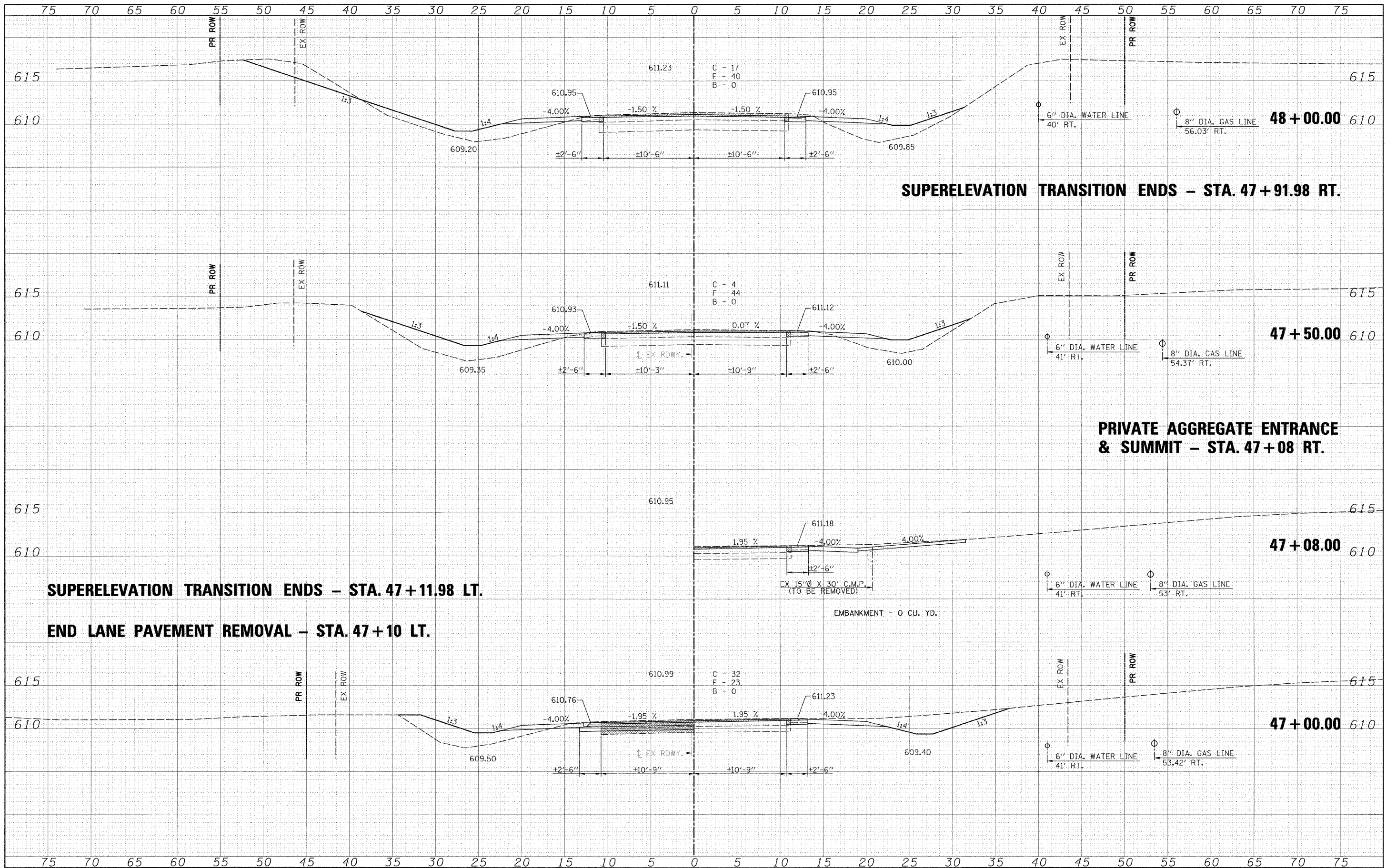
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 No. 184-001907

**CROSS SECTIONS**  
 SCALE: 1" = 5'  
 SHEET NO. \_\_\_ OF \_\_\_ SHEETS  
 STA. 45+50.00 TO STA. 46+80.45

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

FINAL SURVEY	DATE
BY	
NO. OF SHEETS	
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
BY	
NO. OF SHEETS	
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	




**SUPERELEVATION TRANSITION ENDS - STA. 47+91.98 RT.**

**PRIVATE AGGREGATE ENTRANCE & SUMMIT - STA. 47+08 RT.**

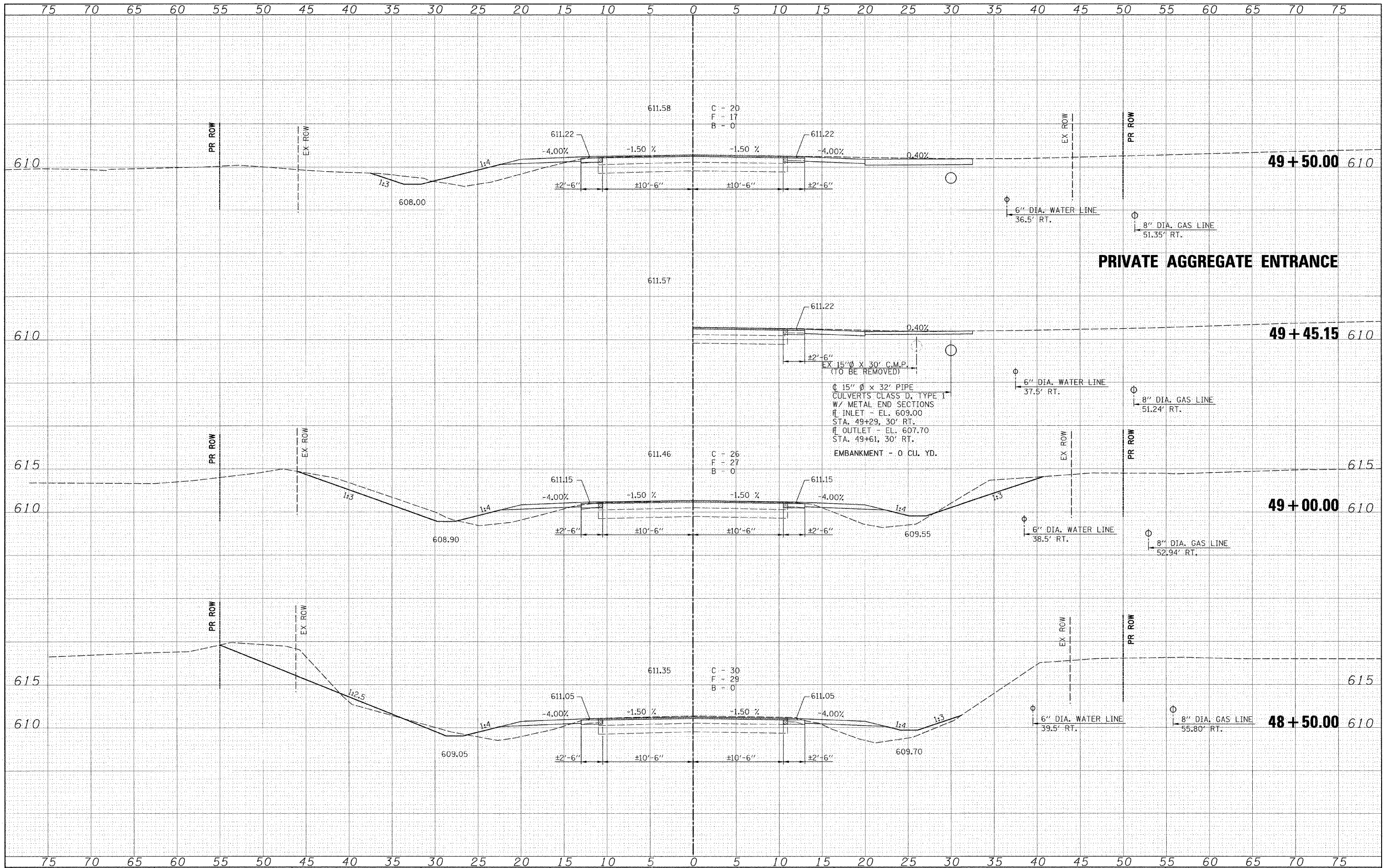
**SUPERELEVATION TRANSITION ENDS - STA. 47+11.98 LT.**  
**END LANE PAVEMENT REMOVAL - STA. 47+10 LT.**

EMBANKMENT - 0 CU. YD.

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISD -	 <b>Allen Henderson &amp; Associates, Inc.</b> Civil and Structural Engineers Springfield, IL 62703 Phone: (217)544-8033 IL Design Firm No. 184-001907	<b>CROSS SECTIONS</b>		F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 46
#FILE#	PLOT SCALE = #SCALE#	DRAWN -	REVISD -		SCALE: 1" = 5'	SHEET NO. ___ OF ___ SHEETS	STA. 47+00.00 TC STA. 48+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 93558		
	PLOT DATE = #DATE#	CHECKED -	REVISD -								
		DATE -	REVISD -								

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
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 NOTE BOOK \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



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REVISIONS  
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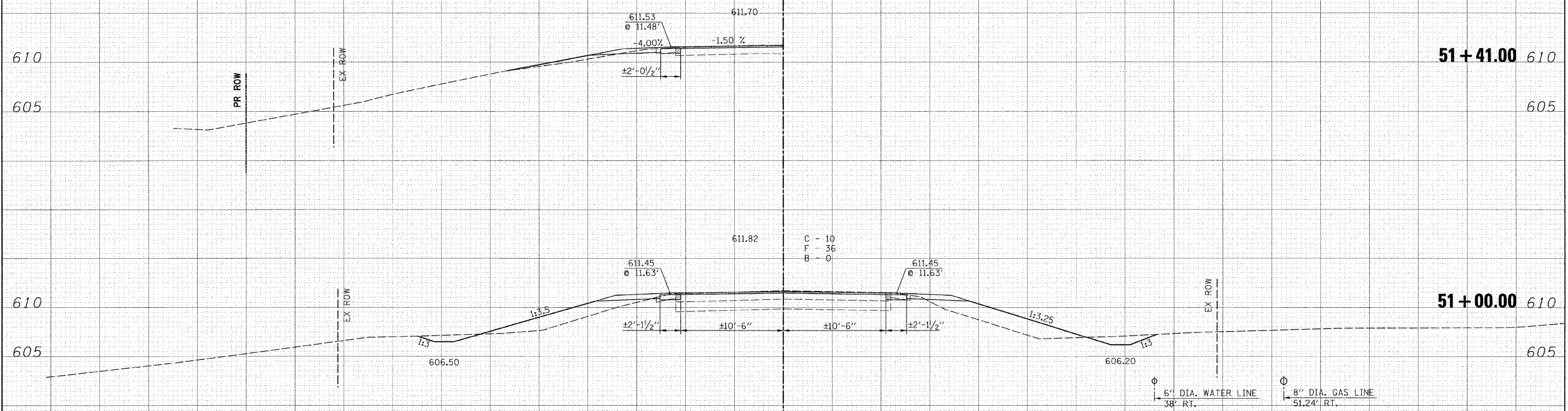
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 No. 184-001907

**CROSS SECTIONS**  
 SCALE: 1" = 5'  
 SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS  
 STA. 48+50.00 TO STA. 49+50.00

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 47
CONTRACT NO. 93558				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

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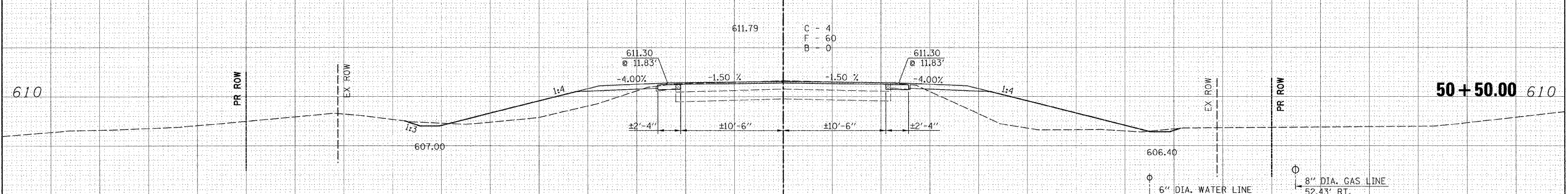
**ABANDONED FIELD ENTRANCE**



51+41.00 610

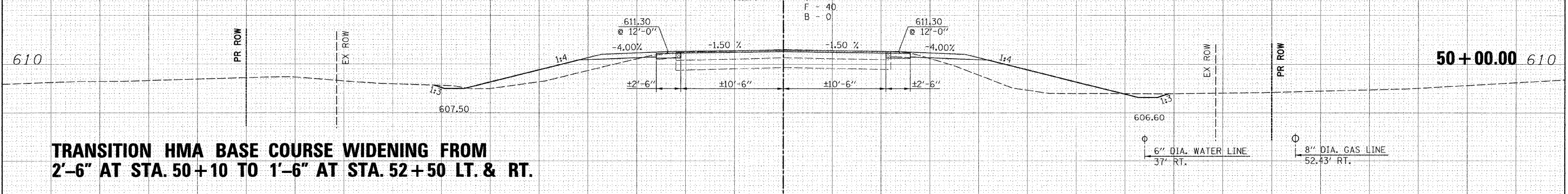
51+00.00 610

**BEGIN SIDESLOPE TRANSITION - STA. 50+50**



50+50.00 610

**BEGIN ROADWAY TRANSITION - STA. 50+10**



50+00.00 610

**TRANSITION HMA BASE COURSE WIDENING FROM 2'-6" AT STA. 50+10 TO 1'-6" AT STA. 52+50 LT. & RT.**

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY	BY	DATE
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NOTE BOOK		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
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NOTE BOOK		
AREAS		
AREAS CHECKED		

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DESIGNED -	REVISOR -
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CHECKED -	REVISOR -
DATE -	REVISOR -



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62703 Phone: (217)544-8033 IL Design Firm  
No. 184-001907

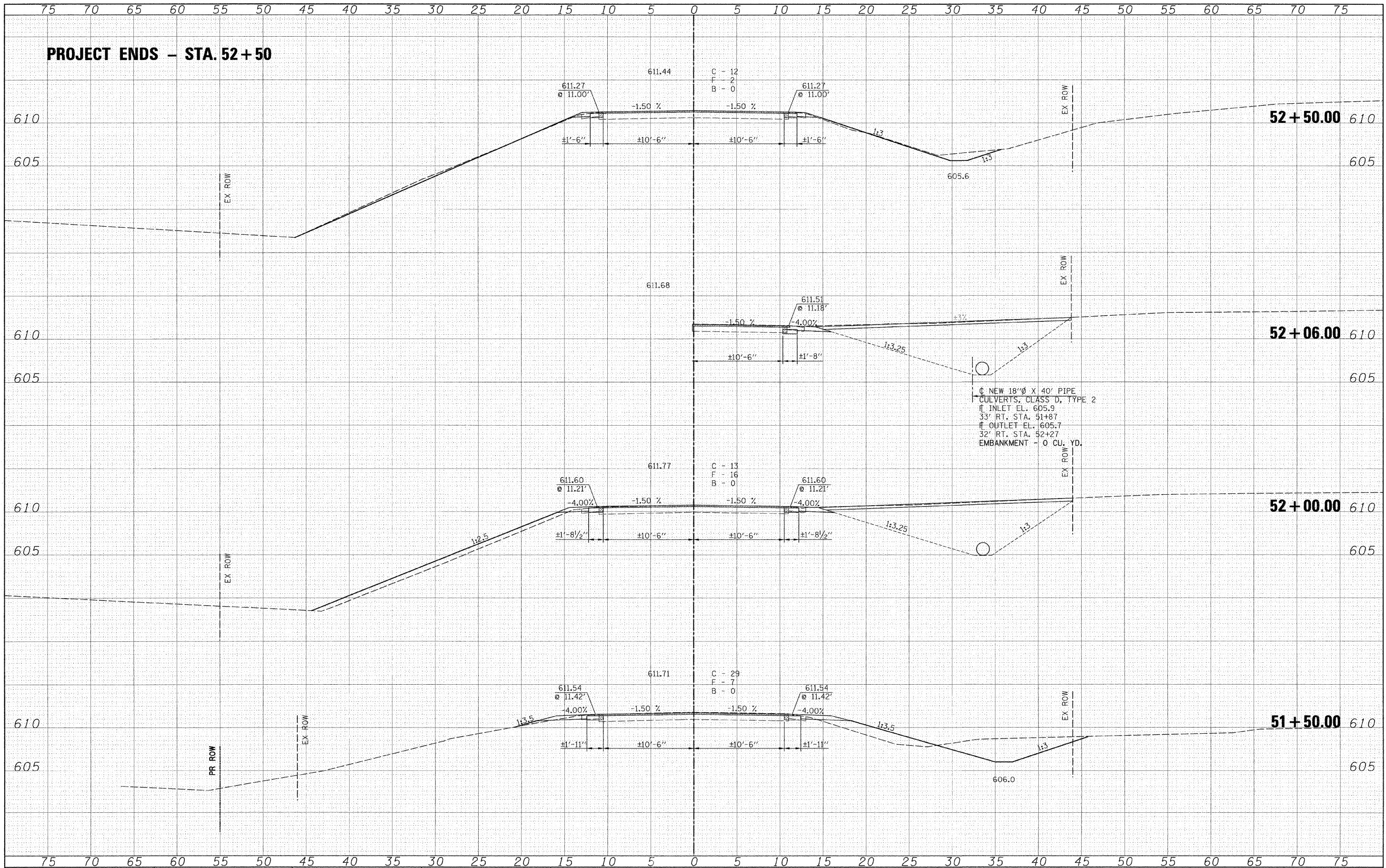
SCALE: 1" = 5'	
SHEET NO. ___ OF ___ SHEETS	STA. 50+00.00 TO STA. 51+00.00

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 48
CONTRACT NO. 93558				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**CROSS SECTIONS**



**PROJECT ENDS - STA. 52+50**



NEW 18"Ø X 40' PIPE  
 CULVERTS, CLASS D, TYPE 2  
 INLET EL. 605.9  
 33' RT. STA. 51+87  
 OUTLET EL. 605.7  
 32' RT. STA. 52+27  
 EMBANKMENT - 0 CU. YD.

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 FINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

FILE NAME = \_\_\_\_\_  
 #FILE# \_\_\_\_\_

USER NAME = #USER#  
 DESIGNED - \_\_\_\_\_  
 DRAWN - \_\_\_\_\_  
 CHECKED - \_\_\_\_\_  
 DATE - \_\_\_\_\_

REVISER - \_\_\_\_\_  
 REVISION - \_\_\_\_\_  
 REVISION - \_\_\_\_\_  
 REVISION - \_\_\_\_\_

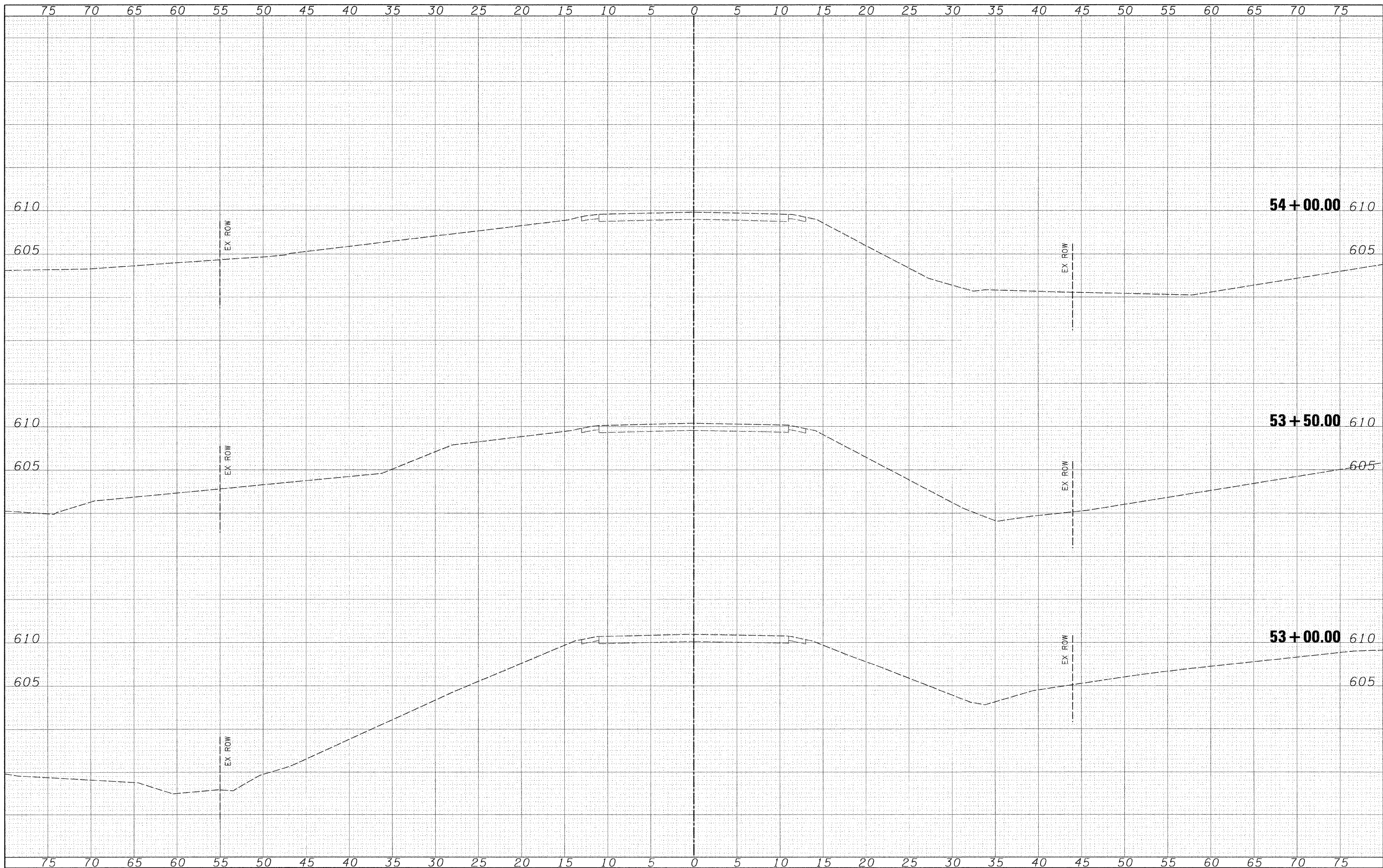


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 No. 184-001907

**CROSS SECTIONS**  
 SCALE: 1" = 5'  
 SHEET NO. \_\_\_ OF \_\_\_ SHEETS  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.S. RTE. 574	SECTION 08-00056-03-PV	COUNTY MENARD	TOTAL SHEETS 52	SHEET NO. 49
FED. ROAD DIST. NO. _____			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 93558



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

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

FILE NAME =  
 \$FILEL\$

USER NAME = #USER#  
 PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



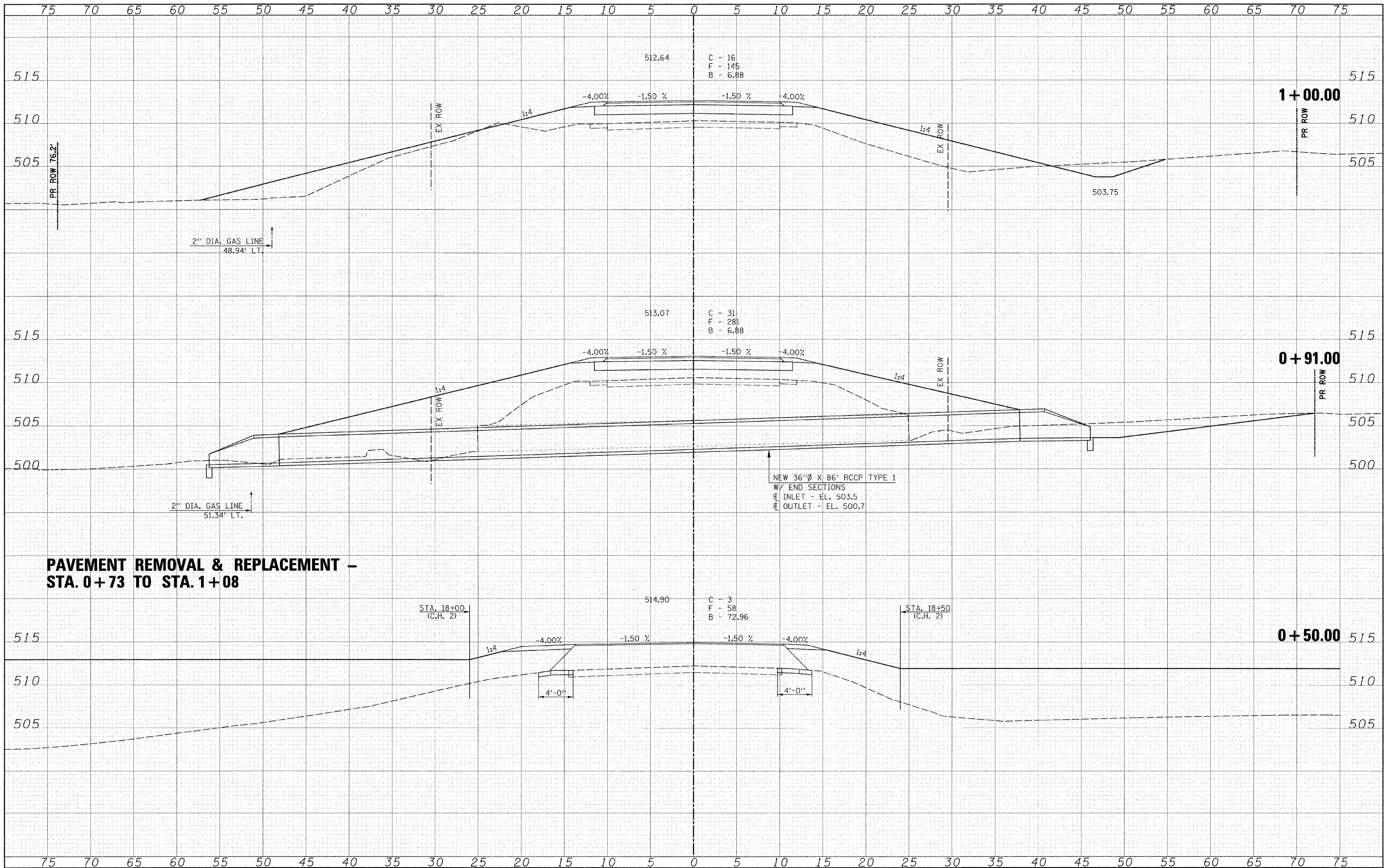
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 No. 184-001907

**CROSS SECTIONS**  
 SCALE: 1" = 5' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	50
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

BY	DATE
SURVEYED	
NOTE BOOK	
AREAS CHECKED	

BY	DATE
SURVEYED	
NOTE BOOK	
AREAS CHECKED	



**PAVEMENT REMOVAL & REPLACEMENT -  
STA. 0+73 TO STA. 1+08**

FILE NAME =  
#FILE#

USER NAME = #USER#  
PLOT SCALE = #SCALE#  
PLOT DATE = #DATE#

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -



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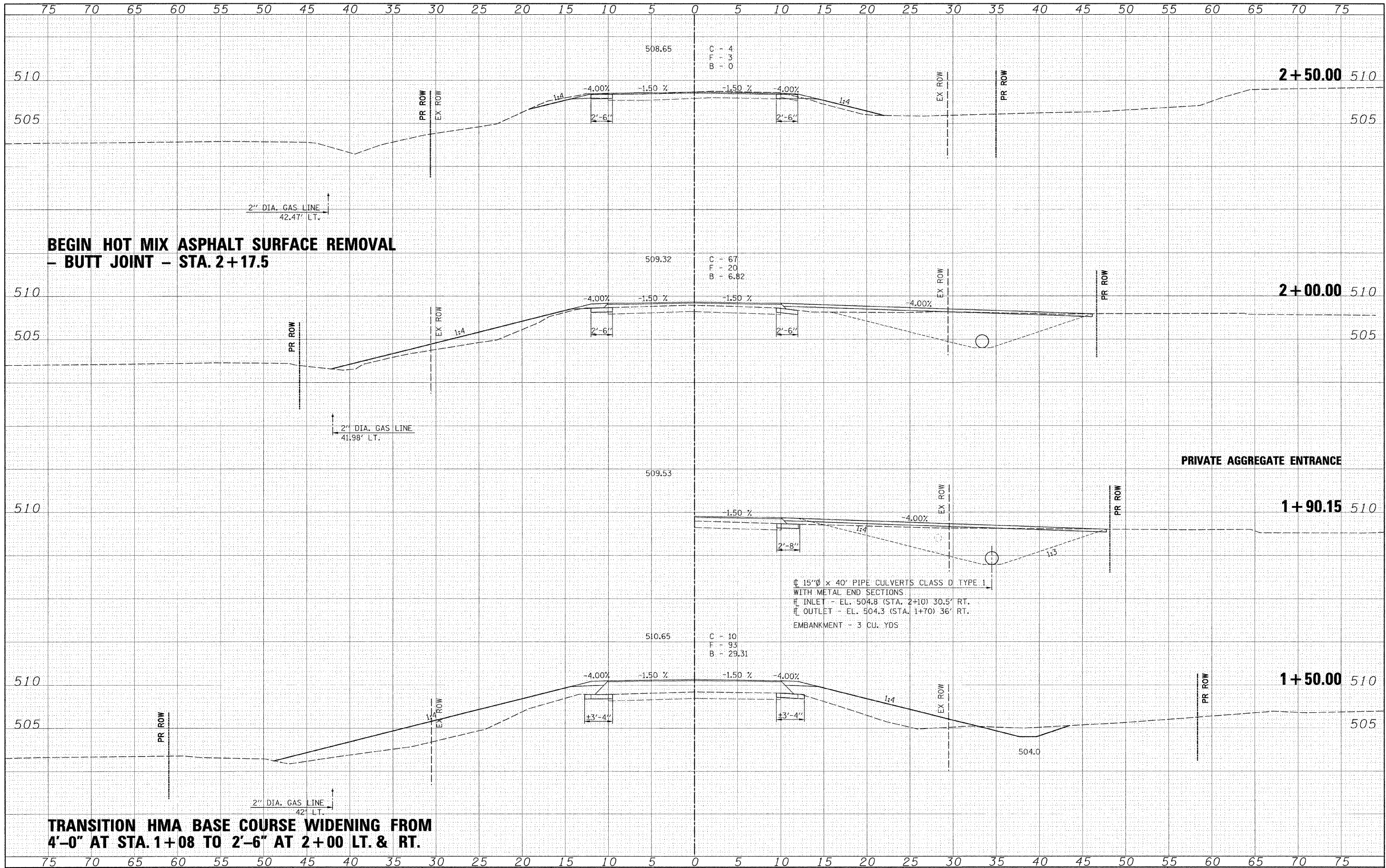
**CROSS SECTIONS - CHAUTAUQUA ROAD**

SCALE: 1" = 5' SHEET NO. OF SHEETS STA. +50.00 TO STA. 1+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93558	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	



15"Ø x 40' PIPE CULVERTS CLASS D TYPE 1  
 WITH METAL END SECTIONS  
 H. INLET - EL. 504.8 (STA. 2+10) 30.5' RT.  
 H. OUTLET - EL. 504.3 (STA. 1+70) 36' RT.  
 EMBANKMENT - 3 CU. YDS

**TRANSITION HMA BASE COURSE WIDENING FROM  
 4'-0" AT STA. 1+08 TO 2'-6" AT 2+00 LT. & RT.**

FILE NAME =  
 #FILE#

USER NAME = #USER#  
 PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



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 No. 184-001907

**CROSS SECTIONS - CHAUTAUQUA ROAD**

SCALE: 1" = 5'  
 SHEET NO. OF SHEETS STA. 1+50.00 TO STA. 2+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	52
CONTRACT NO. 93558				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				