

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	1

FEDERAL AID PROJECT
CONTRACT 97673



LOCATION OF SECTION INDICATED THUS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
STR & HSIP FUNDING

FAS 857 - AMES ROAD - C.H. 5
AMES ROAD RESURFACING
SECTION 16-00051-02-RS
PROJECT NO. 2KZY (942)

COUNTY OF MONROE
JOB NO. C-98-339-16

ROAD CLASSIFICATION = MAJOR COLLECTOR
2017 ADT = 1050 VPD
DESIGN SPEED 40 MPH-3R DESIGN STANDARDS
POSTED SPEED: 55 MPH

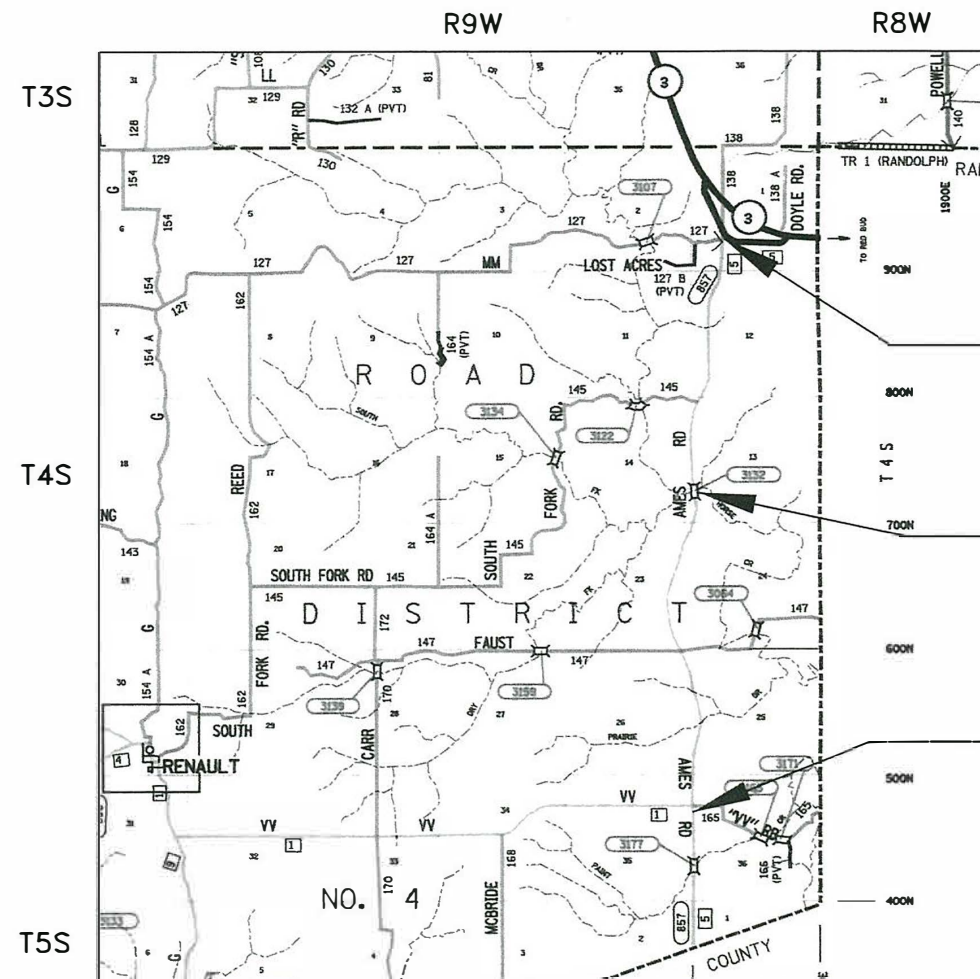
HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
642006	SHOULDER RUMBLE STRIPS, 8in.
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS EQUAL OR GREATER THAN 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS EQUAL OR GREATER THAN 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

SCALES: PLAN: 1" = 100'
SECTIONS: HORIZ. 1" = 5'
VERT. 1" = 5'

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	COVER
2	SUMMARY OF QUANTITIES AND GENERAL NOTES
3	TYPICAL SECTIONS
4-20	PLAN & PROFILE
21-24	DETAILS AND SCHEDULES
25-72	CROSS SECTIONS



BEGIN CONSTRUCTION
STA. 0+00

HORSE CREEK BRIDGE
STRUCTURE 067-3132
STA. 109+13.66
STA. 111+15.33

END CONSTRUCTION
STA. 251+95.83

LOCATION MAP

SCALE: 1" = 1.5 MILE
GROSS LENGTH = 25,195.83 FEET = 4.772 MILES
NET LENGTH = 25,195.83 FEET = 4.772 MILES

UTILITIES

ELECTRIC - MONROE COUNTY ELECTRIC CO-OP - (618) 939-7171
GAS - CITY OF RED BUD - (618) 282-3339
TELEPHONE - HARRISONVILLE TELEPHONE COMPANY - (888) 482-8353
CALL J.U.L.I.E. BEFORE YOU DIG
800-892-0123

DRAWN BY METZGER & AWM DATE 01-16-18
CHECKED BY 5382 AWM & BAF DATE 01-19-18
REGISTERED PROFESSIONAL ENGINEER
These plans were prepared by me or a full time member of my staff under my personal supervision.
County Engineer Date 3-15-18
Illinois Registered Professional Engineer No. 055382
Expiration Date: 11/30/19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
APPROVED March 15 2018

Monroe County Engineer
Monroe County Highway Department

Passed 4/2 2018

District 8 Engineer
Local Roads and Streets

Released for Bid Based on Limited Review 4/2 2018

Region 5 Engineer

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OF THE STATE OF ILLINOIS

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ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	2

FEDERAL AID PROJECT
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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STR FUNDS	HSIP FUNDS
20200100	EARTH EXCAVATION	CU. YD.	101	--	101
20400800	FURNISHED EXCAVATION	CU. YD.	1286	1071	215
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	210	175	35
28000305	TEMPORARY DITCH CHECKS	FOOT	343	286	57
28000400	PERIMETER EROSION BARRIER	FOOT	3050	2540	510
28000500	INLET AND PIPE PROTECTION	EACH	8	8	--
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	100	100	--
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	25	25	--
40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	20.8	20.8	--
40300600	SEAL COAT AGGREGATE	TON	252	252	--
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	27776	25212	2564
40600625	LEVELING BINDER (MACHINE METHOD), N70	TON	2306	1705	601
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YD.	525	525	--
40600990	TEMPORARY RAMP	SQ. YD.	70	70	--
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5186	5186	--
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	126	110	16
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3186	3186	--
48203100	HOT-MIX ASPHALT SHOULDERS	TON	820	--	820
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4662	--	4662
67100100	MOBILIZATION	L SUM	1.0	0.85	0.15
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3484	3484	--
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ. FT.	840	840	--
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	89159	89159	--
* 72000100	SIGN PANEL - TYPE 1	SQ. FT.	52	--	52
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	80	--	80
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	89159	89159	--
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	534	396	138
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2.5	2.10	0.40
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	0.85	0.15
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	FOOT	89159	89159	--

* SPECIALTY ITEMS

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIAL.
2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MONROE COUNTY (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL. A COUNTY REPRESENTATIVE CAN BE REACHED AT (618) 939-8681 EXT. 212, FROM 7:30 AM TO 4:30 PM.
3. ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY AND PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED AND/OR REMOVED IN ACCORDANCE WITH SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. NO OVERNIGHT LANE CLOSURES ON AMES ROAD SHALL BE ALLOWED.
5. TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE RETRO-REFLECTIVE UNLESS OTHERWISE NOTED.
6. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS
7. APRONS OF SIDEROADS, DRIVES AND MAILBOX TURNOUTS PAVED WITH EXTENDABLE SCREED WIDENERS SHALL BE CONSIDERED AN INTEGRAL PART OF MAINLINE PAVING AND WILL NOT BE MEASURED FOR PAYMENT AS INCIDENTAL HOT-MIX ASPHALT SURFACING, BUT AS EITHER LEVELING BINDER (MACHINE METHOD), N70 OR HMA SURFACE COURSE, MIX "D", N70.
8. ALL EXCAVATION/DROPOFFS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED BY TYPE 1 OR 2 BARRICADES WITH STEADY BURN LIGHTS. REFER TO ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.
9. ACCESS SHALL BE PROVIDED FROM PRIVATE ENTRANCES AND SIDEROADS AT ALL LOCATIONS DURING ALL STAGES.
10. REMOVAL OF EXISTING AGGREGATE SHOULDER REQUIRED FOR HMA SHALL BE INCLUDED IN THE QUANTITY FOR EARTH EX. MATERIAL MAY BE USED WITHIN EMBANKMENT PER THE STANDARD SPECIFICATIONS SECTION 205.
11. SEAL COAT SHOULDERS SHALL CONSIST OF A PRIME, BITUMINOUS SEAL COAT AND AGGREGATE SEAL COAT.
12. PAINT PAVEMENT MARKINGS SHALL MATCH EXISTING.
13. RIGHT OF WAY WIDTH VARIES. CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM THE LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. REFER TO SPECIAL PROVISION PAGE 9 FOR MORE DETAIL.
14. IN ORDER TO MINIMIZE THE "BUMP" AT SIDE ROAD/DRIVE LOCATIONS, AT THE END OF EACH DAY OF PAVING, THE CONTRACTOR SHALL COMPLETE INCIDENTAL HMA AT ANY SIDE ROAD/ENTRANCE THAT HAS A GREATER THAN 2" BUMP AT AMES ROAD, UNLESS THE APRON IS PERFORMED PER NOTE 7 ABOVE. THE SIDEROAD/ENTRANCE GRADE SHALL CLOSELY MATCH THAT SHOWN IN THESE PLANS.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

- ALL HOT MIX ASPHALT - 112.0 LBS/SQ YD PER 1" THICKNESS
- BITUMINOUS MATERIAL (TACK COAT) OVER AGED NON MILLED ASPHALT - 0.05 LB/SQ FT
- BITUMINOUS MATERIAL (TACK COAT) OVER HMA LIFTS - 0.025 LB/SQ FT
- AGGREGATE BASE/SURFACE - 2.05 TON/CU YD
- BITUMINOUS MATERIALS (PRIME COAT) ON SHOULDER - 0.3 GAL/SQ YD
- BITUMINOUS MATERIAL (COVER AND SEAL COAT) ON SHOULDER - 0.25 GAL/SQ YD
- SEAL COAT AGGREGATE ON SHOULDER - 25 LBS/SQ YD

SALVAGE: NONE

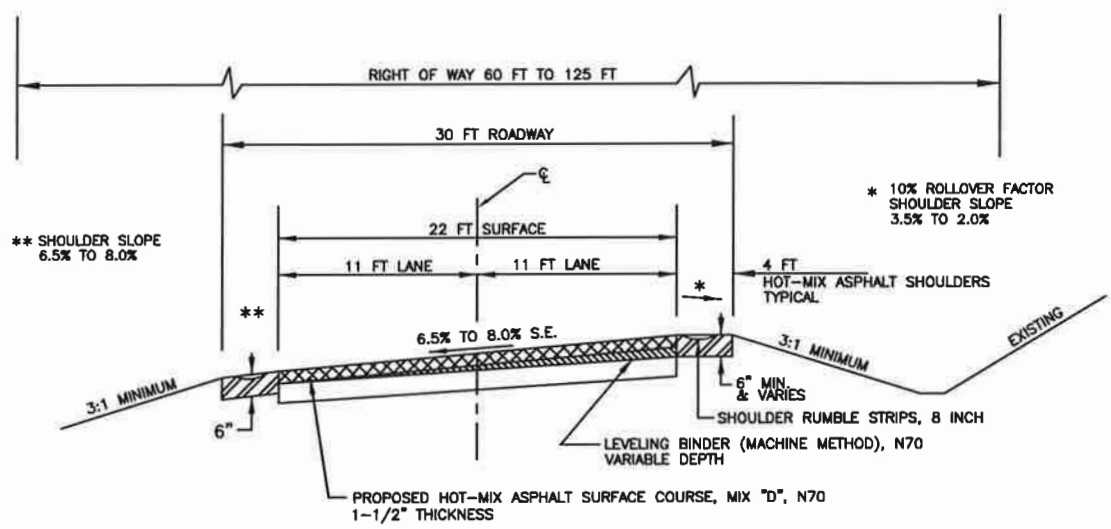
COMMITMENTS: NONE

AMES ROAD RESURFACING
GENERAL NOTES AND
SUMMARY OF QUANTITIES
SEC 16-00051-02-RS
MONROE COUNTY, ILLINOIS

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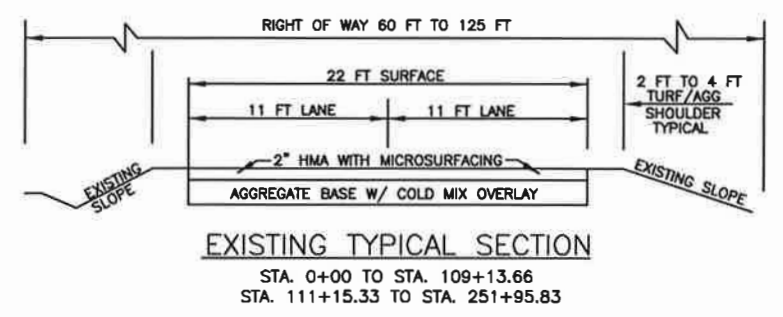
ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	3

FEDERAL AID PROJECT
CONTRACT 97673

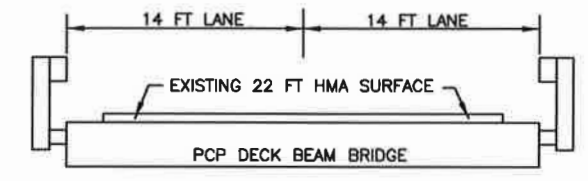


**PROPOSED SUPERELEVATED SECTION
CURVE WITH HOT-MIX ASPHALT SHOULDERS**

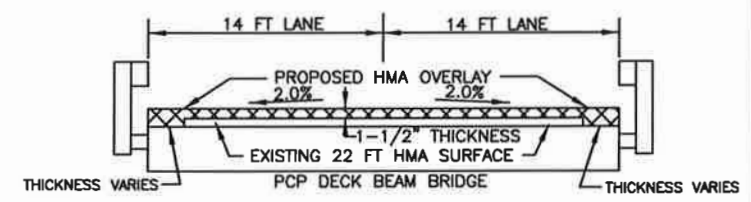
CURVE NO. 3 FULL S.E. (8.0%) STA. 62+98.44 TO STA. 65+80.87
 S.E. TRANSITION STA. 61+04.44 TO STA. 62+98.44 AND STA. 65+80.87 TO STA. 67+74.87
 CURVE NO. 4 FULL S.E. (7.0%) STA. 74+90.00 TO STA. 76+82.93
 S.E. TRANSITION STA. 73+17.00 TO STA. 74+90.00 AND STA. 76+82.93 TO STA. 78+55.93
 CURVE NO. 12 FULL S.E. (7.0%) STA. 181+38.15 TO STA. 182+59.60
 S.E. TRANSITION STA. 179+96.15 TO STA. 181+38.15 AND STA. 182+59.60 TO STA. 184+01.60
 CURVE NO. 13 FULL S.E. (6.5%) STA. 187+57.65 TO STA. 191+47.31
 S.E. TRANSITION STA. 185+94.65 TO STA. 187+57.65 AND STA. 191+47.31 TO STA. 193+10.31



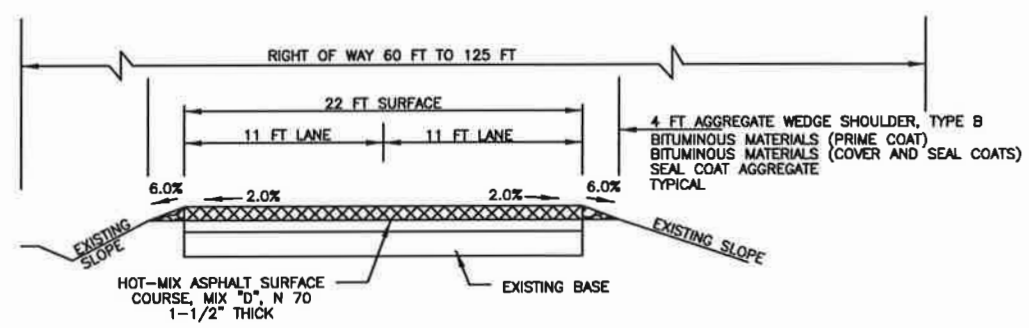
EXISTING TYPICAL SECTION
 STA. 0+00 TO STA. 109+13.66
 STA. 111+15.33 TO STA. 251+95.83



EXISTING BRIDGE SECTION
 STA. 109+13.66 TO STA. 111+15.33

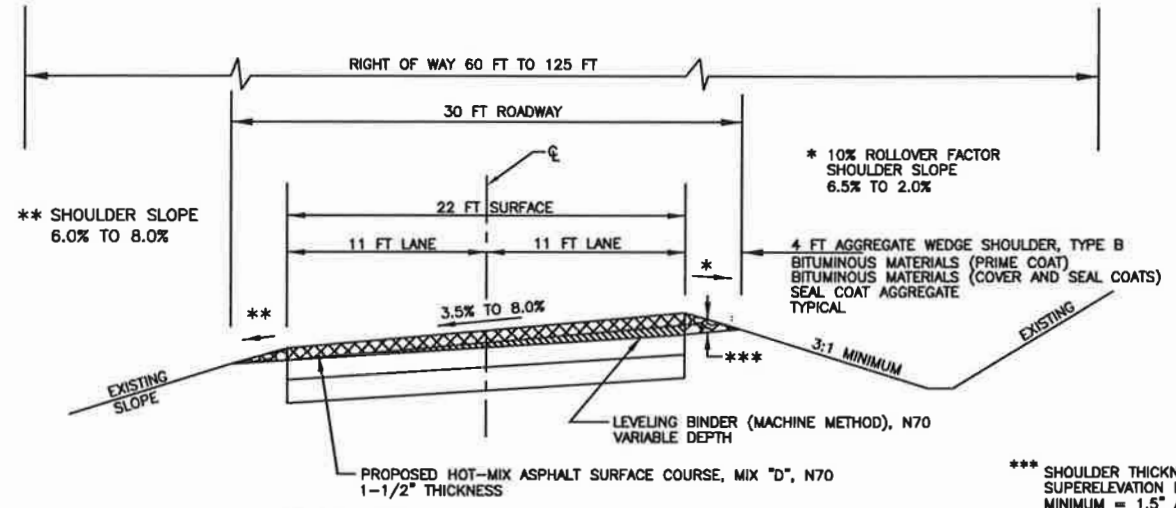


PROPOSED BRIDGE SECTION
 STA. 109+13.66 TO STA. 111+15.33



PROPOSED TYPICAL SECTION

TANGENT
 STA. 0+00.00 TO STA. 14+17.33
 STA. 22+46.18 TO STA. 29+51.62
 STA. 35+93.47 TO STA. 61+04.44
 STA. 67+74.87 TO STA. 73+17.00
 STA. 78+55.93 TO STA. 81+78.84
 STA. 86+52.78 TO STA. 105+19.89
 STA. 111+15.33 TO STA. 113+04.91
 STA. 121+48.33 TO STA. 124+66.96
 STA. 130+70.88 TO STA. 141+45.51
 STA. 147+29.94 TO STA. 155+51.40
 STA. 168+30.02 TO STA. 179+96.15
 STA. 184+01.60 TO STA. 185+94.65
 STA. 193+10.31 TO STA. 193+56.50
 STA. 198+78.65 TO STA. 202+05.55
 STA. 211+49.78 TO STA. 214+63.75
 STA. 221+46.31 TO STA. 222+90.17
 STA. 230+23.21 TO STA. 251+95.83



**PROPOSED SUPERELEVATED SECTION
CURVE WITH AGGREGATE SHOULDERS**

CURVE NO. 1 FULL S.E. (6.0%) STA. 15+70.33 TO STA. 20+93.18
 S.E. TRANSITION STA. 14+17.33 TO STA. 15+70.33 AND STA. 20+93.18 TO STA. 22+46.18
 CURVE NO. 2 FULL S.E. (7.5%) STA. 31+35.62 TO STA. 34+09.47
 S.E. TRANSITION STA. 29+51.62 TO STA. 31+35.62 AND STA. 34+09.47 TO STA. 35+93.47
 CURVE NO. 5 FULL S.E. (4.0%) STA. 82+99.84 TO STA. 85+31.78
 S.E. TRANSITION STA. 81+78.84 TO STA. 82+99.84 AND STA. 85+31.78 TO STA. 86+52.78
 CURVE NO. 6 FULL S.E. (3.5%) STA. 106+29.89 TO STA. 108+10.43
 S.E. TRANSITION STA. 105+19.89 TO STA. 106+29.89 AND STA. 108+10.43 TO STA. 109+13.66
 CURVE NO. 7 FULL S.E. (4.0%) STA. 114+25.91 TO STA. 120+27.33
 S.E. TRANSITION STA. 113+04.91 TO STA. 114+25.91 AND STA. 120+27.33 TO STA. 121+48.33
 CURVE NO. 8 FULL S.E. (5.5%) STA. 126+20.96 TO STA. 129+16.88
 S.E. TRANSITION STA. 124+66.96 TO STA. 126+20.96 AND STA. 129+16.88 TO STA. 130+70.88
 CURVE NO. 9 FULL S.E. (3.5%) STA. 142+55.51 TO STA. 146+19.94
 S.E. TRANSITION STA. 141+45.51 TO STA. 142+55.51 AND STA. 146+19.94 TO STA. 147+29.94
 CURVE NO. 10 FULL S.E. (6.0%) STA. 157+04.40 TO STA. 161+92.95
 S.E. TRANSITION STA. 155+51.40 TO STA. 157+04.40 AND STA. 161+92.95 TO STA. 163+45.95
 CURVE NO. 11 FULL S.E. (3.5%) STA. 164+55.95 TO STA. 167+20.02
 S.E. TRANSITION STA. 163+45.95 TO STA. 164+55.95 AND STA. 167+20.02 TO STA. 168+30.02
 CURVE NO. 14 FULL S.E. (6.0%) STA. 195+21.50 TO STA. 197+13.65
 S.E. TRANSITION STA. 193+56.50 TO STA. 195+21.50 AND STA. 197+13.65 TO STA. 198+78.65
 CURVE NO. 15 FULL S.E. (4.5%) STA. 203+37.55 TO STA. 210+17.78
 S.E. TRANSITION STA. 202+05.55 TO STA. 203+37.55 AND STA. 210+17.78 TO STA. 211+49.78
 CURVE NO. 16 FULL S.E. (7.5%) STA. 216+73.75 TO STA. 219+36.31
 S.E. TRANSITION STA. 214+63.75 TO STA. 216+73.75 AND STA. 219+36.31 TO STA. 221+46.31
 CURVE NO. 17 FULL S.E. (8.0%) STA. 225+00.17 TO STA. 228+13.21
 S.E. TRANSITION STA. 222+90.17 TO STA. 225+00.17 AND STA. 228+13.21 TO STA. 230+23.21

*** SHOULDER THICKNESS MAY VARY DUE TO
SUPERELEVATION IMPROVEMENTS.
MINIMUM = 1.5" AT E.O.P.
MAXIMUM = 8" AT E.O.P.

REFER TO CROSS SECTIONS SHEETS 25-72 FOR MORE DETAIL
SECTIONS INCLUDE ONLY STATIONS ON CURVE. TANGENT SECTIONS
SHALL FOLLOW THESE TYPICAL SECTIONS.




AMES ROAD RESURFACING
TYPICAL SECTIONS
SEC 16-00051-02-RS
MONROE COUNTY, ILLINOIS

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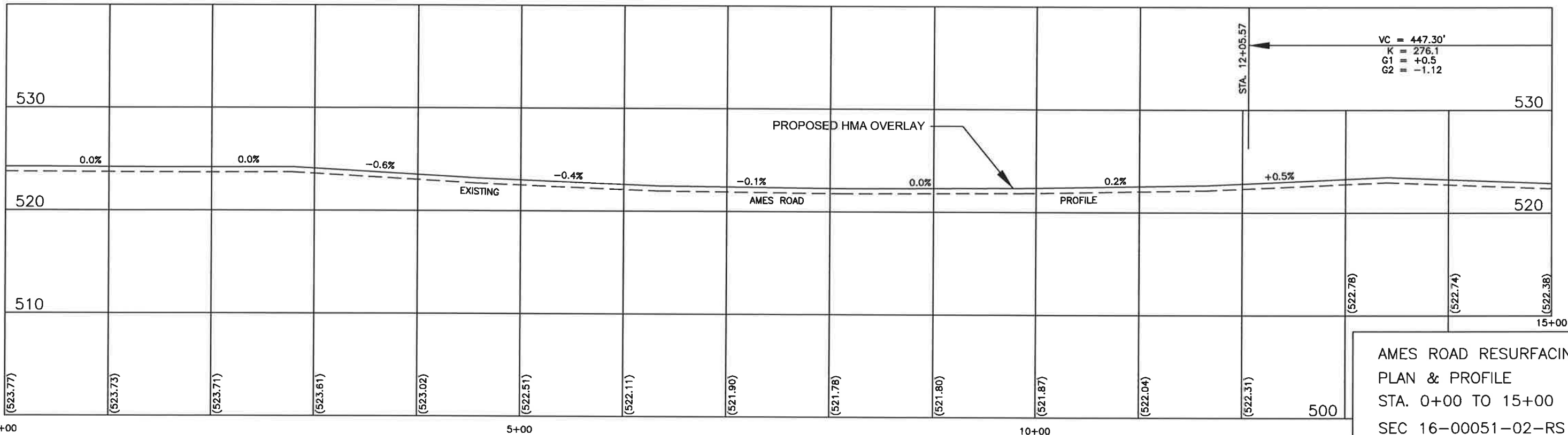
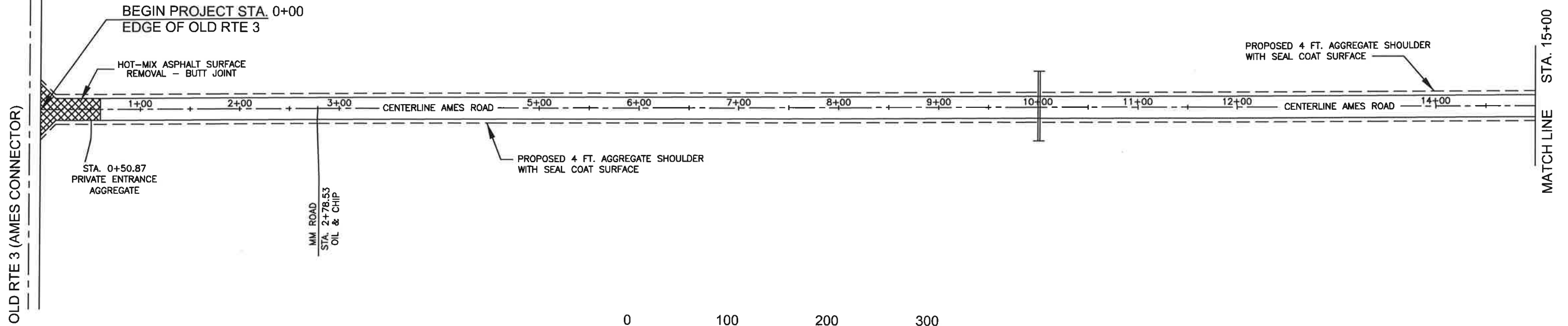
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FAS 857 C.H. 5	16-00051-02-RS	MONROE	72	4

FEDERAL AID PROJECT
CONTRACT 97673

RIGHT OF WAY WIDTH VARIES.
CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
SEE SPECIAL PROVISIONS.

PERIMETER EROSION BARRIER 
DITCH CHECK TEMPORARY 
INLET & PIPE PROTECTION 

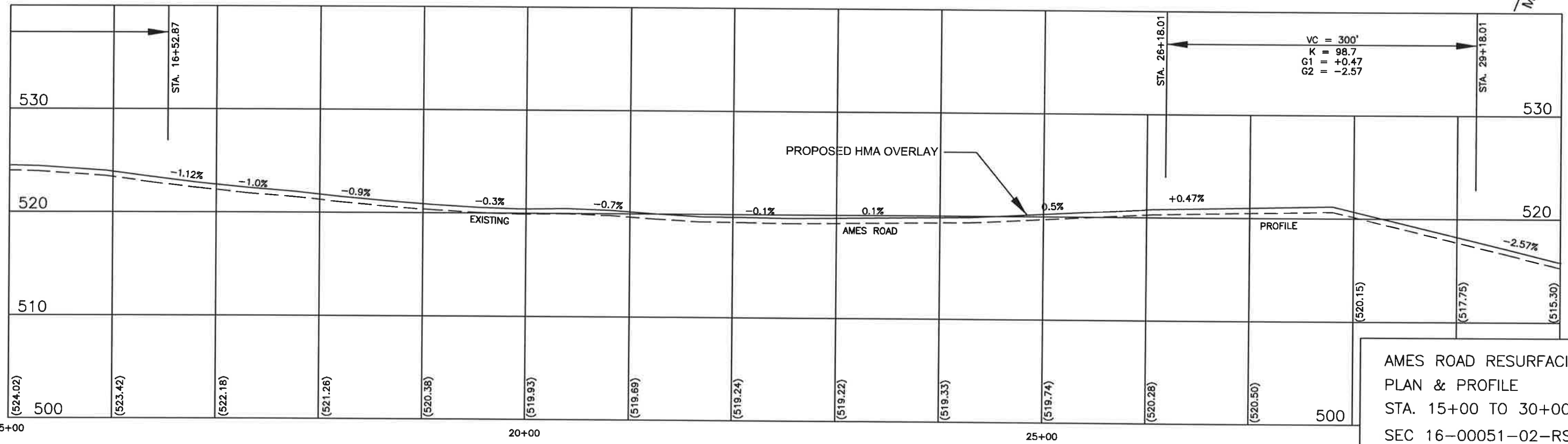
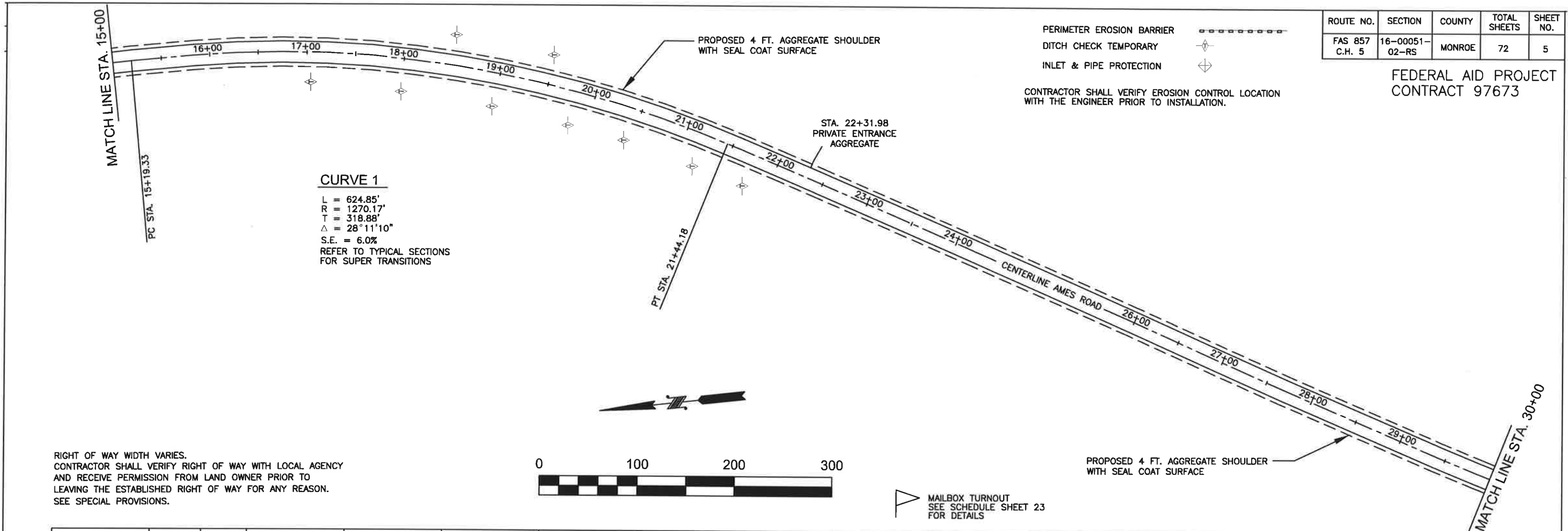
CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
WITH THE ENGINEER PRIOR TO INSTALLATION.



AMES ROAD RESURFACING
PLAN & PROFILE
STA. 0+00 TO 15+00
SEC 16-00051-02-RS
MONROE COUNTY, IL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	5

FEDERAL AID PROJECT
CONTRACT 97673



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 15+00 TO 30+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

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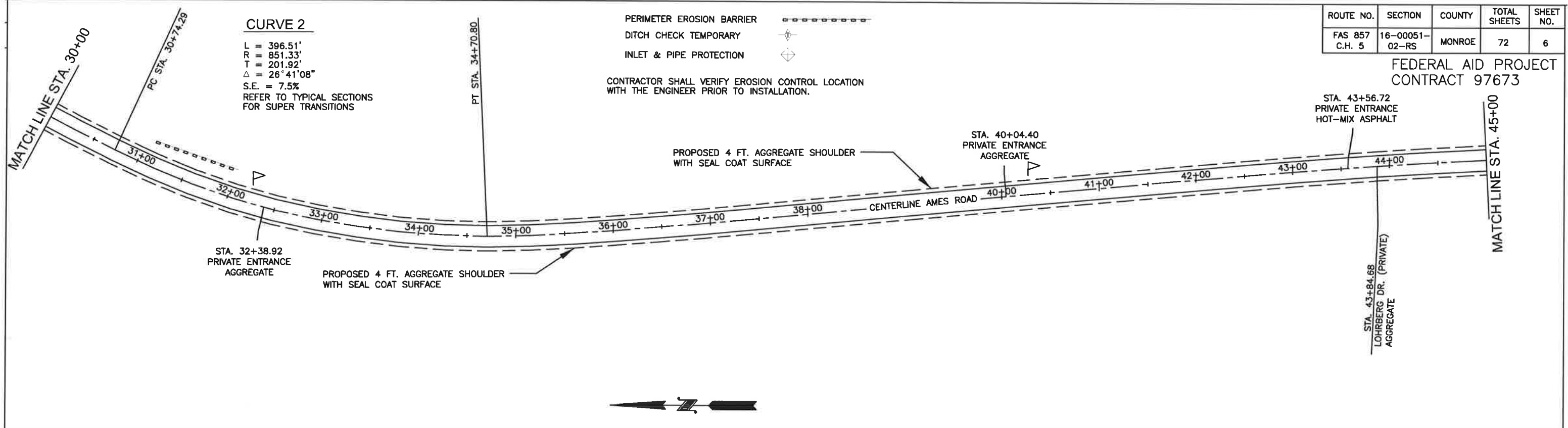
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	6

FEDERAL AID PROJECT
CONTRACT 97673

CURVE 2

L = 396.51'
R = 851.33'
T = 201.92'
Δ = 26° 41' 08"
S.E. = 7.5%
REFER TO TYPICAL SECTIONS
FOR SUPER TRANSITIONS

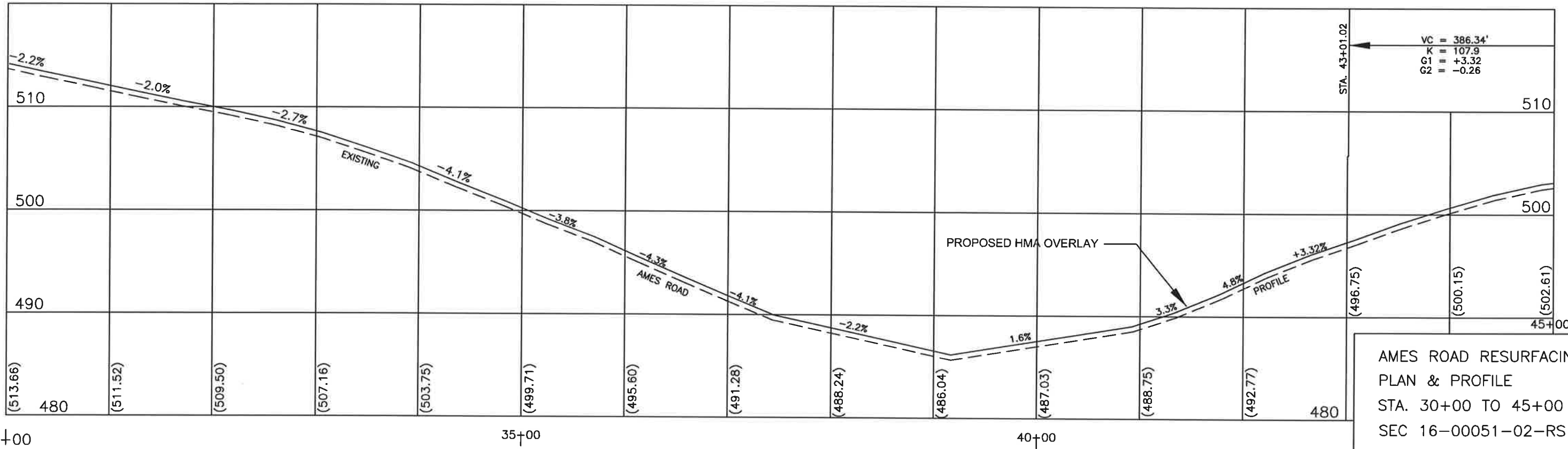
PERIMETER EROSION BARRIER
DITCH CHECK TEMPORARY
INLET & PIPE PROTECTION
CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
WITH THE ENGINEER PRIOR TO INSTALLATION.



RIGHT OF WAY WIDTH VARIES.
CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
SEE SPECIAL PROVISIONS.



MAILBOX TURNOUT
SEE SCHEDULE SHEET 23
FOR DETAILS

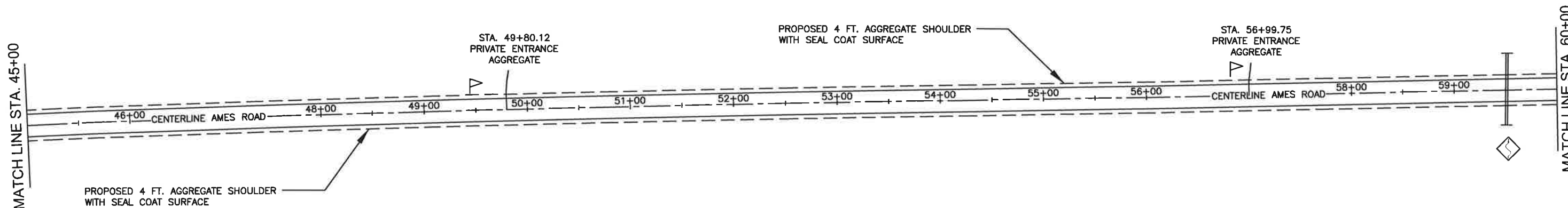


AMES ROAD RESURFACING
PLAN & PROFILE
STA. 30+00 TO 45+00
SEC 16-00051-02-RS
MONROE COUNTY, IL

RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
 AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
 LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
 SEE SPECIAL PROVISIONS.

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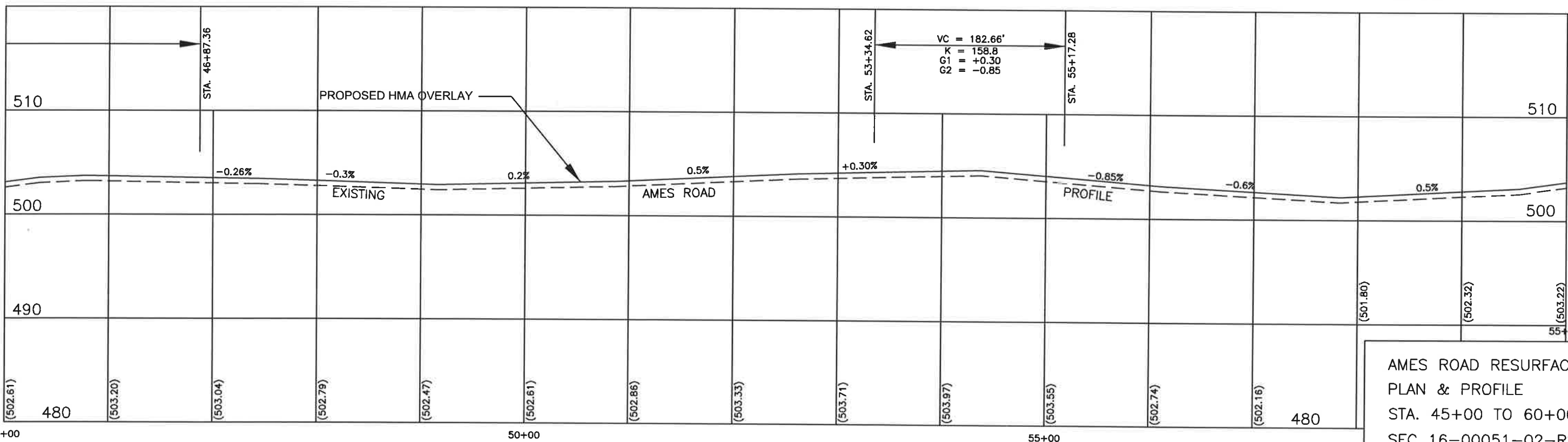
FEDERAL AID PROJECT
 CONTRACT 97673



- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET & PIPE PROTECTION

CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
 WITH THE ENGINEER PRIOR TO INSTALLATION.

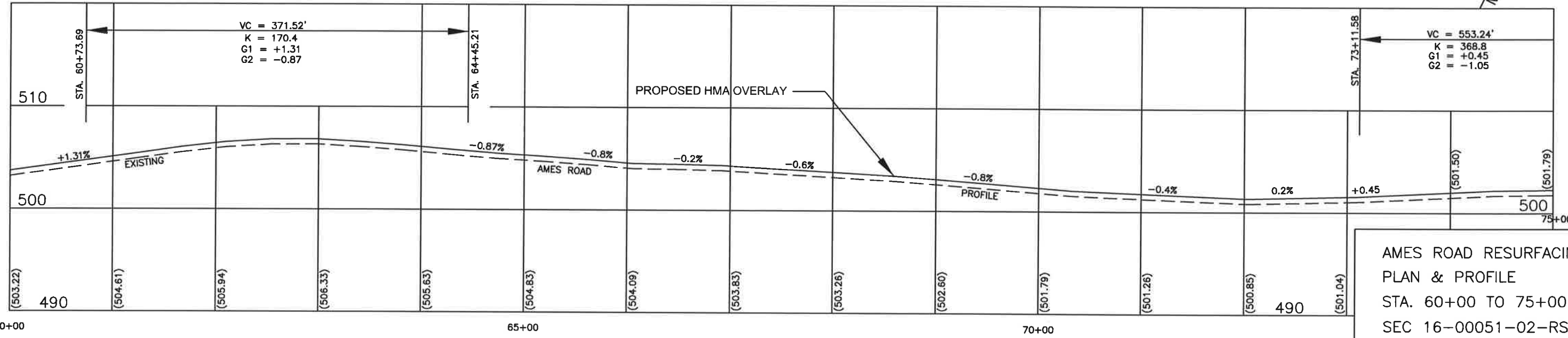
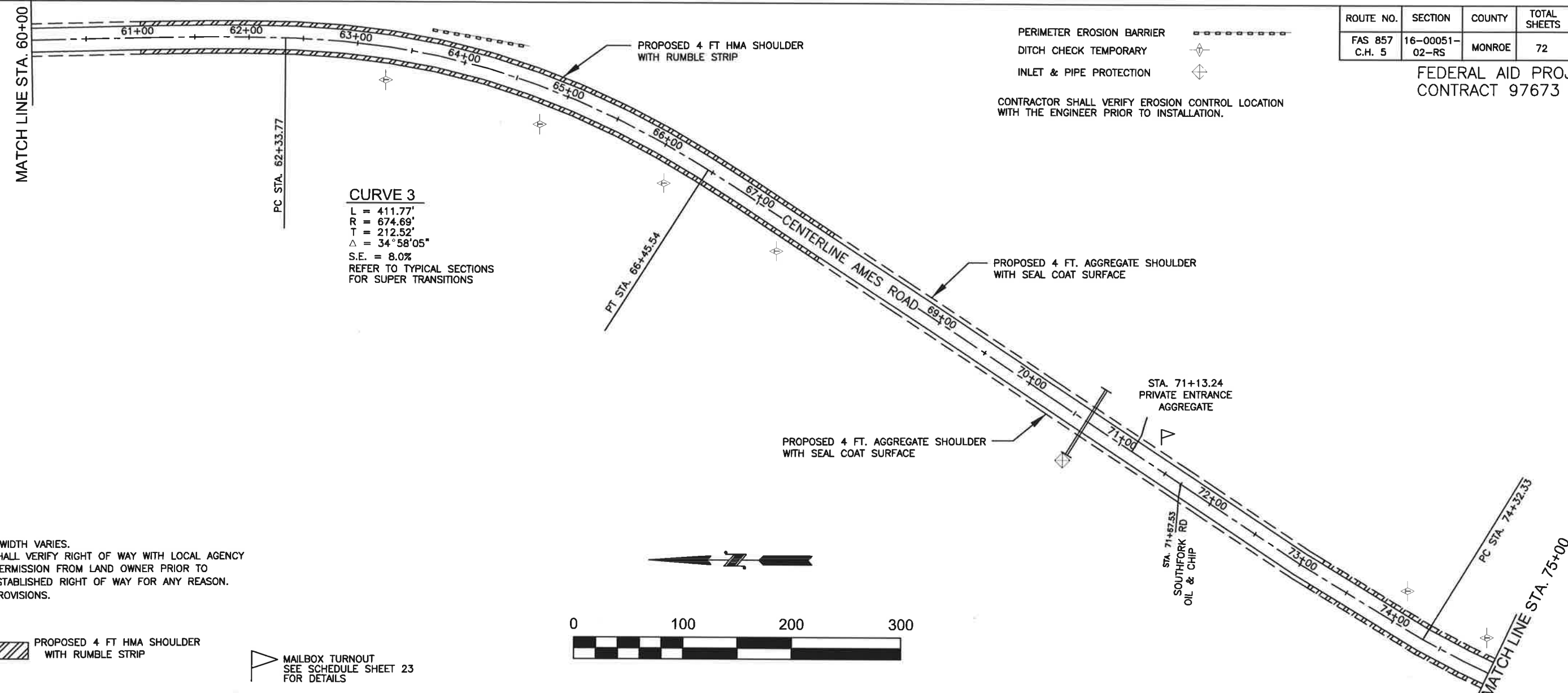
MAILBOX TURNOUT
 SEE SCHEDULE SHEET 23
 FOR DETAILS



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 45+00 TO 60+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	8

FEDERAL AID PROJECT
CONTRACT 97673



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 60+00 TO 75+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

CURVE 4

L = 308.30'
 R = 955.75'
 T = 155.50'
 Δ = 18°28'55"
 S.E. = 7.0%
 REFER TO TYPICAL SECTIONS FOR SUPER TRANSITIONS

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET & PIPE PROTECTION

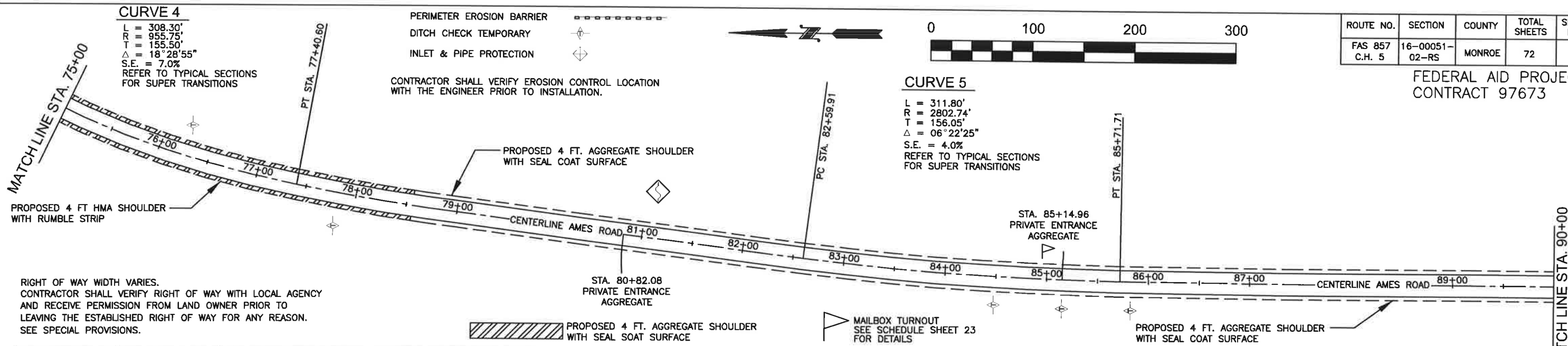
CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.

CURVE 5

L = 311.80'
 R = 2802.74'
 T = 156.05'
 Δ = 06°22'25"
 S.E. = 4.0%
 REFER TO TYPICAL SECTIONS FOR SUPER TRANSITIONS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051-02-RS	MONROE	72	9

FEDERAL AID PROJECT
 CONTRACT 97673

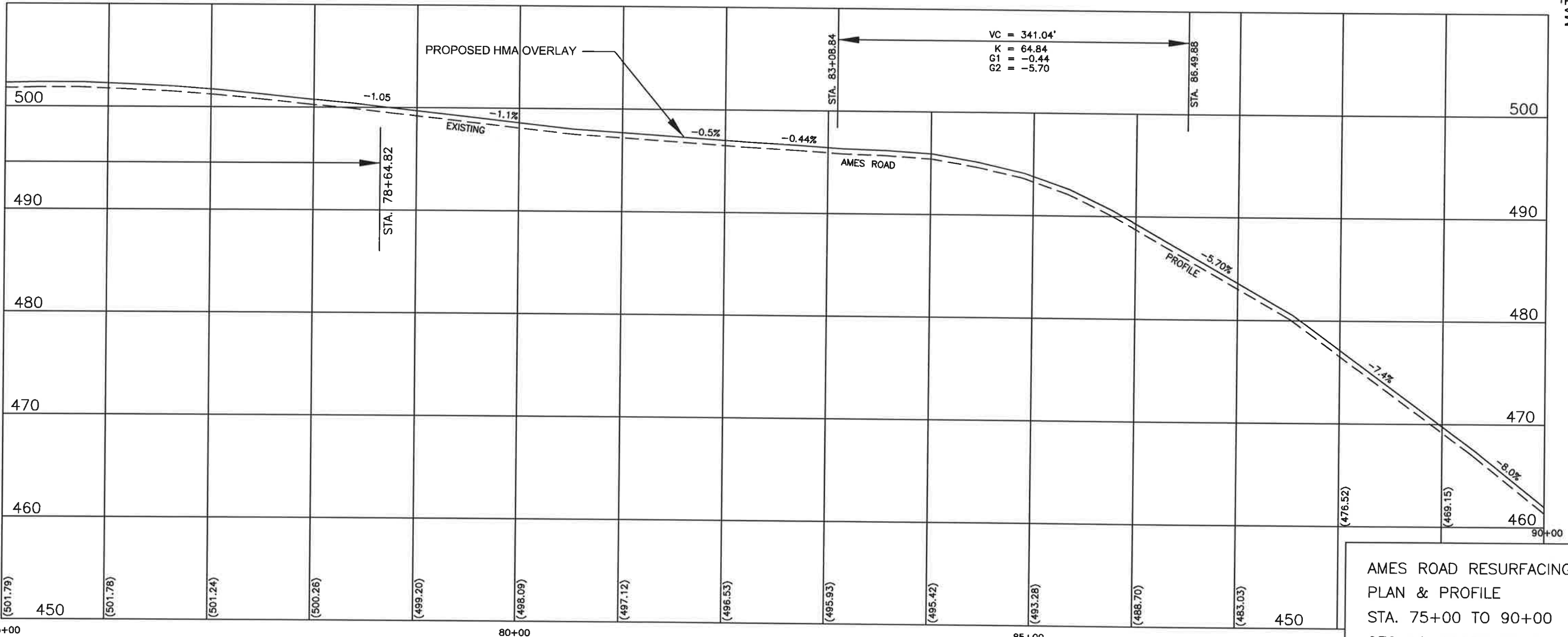


RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.

PROPOSED 4 FT. AGGREGATE SHOULDER WITH SEAL COAT SURFACE

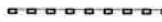


MAILBOX TURNOUT SEE SCHEDULE SHEET 23 FOR DETAILS

PROPOSED 4 FT. AGGREGATE SHOULDER WITH SEAL COAT SURFACE



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 75+00 TO 90+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

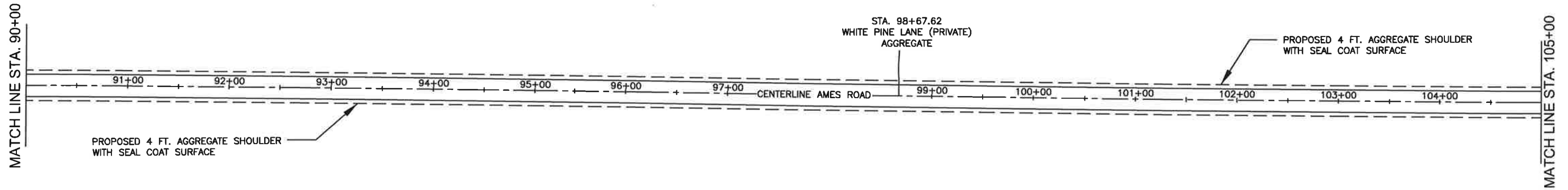
RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
 AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
 LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
 SEE SPECIAL PROVISIONS.

- PERIMETER EROSION BARRIER 
- DITCH CHECK TEMPORARY 
- INLET & PIPE PROTECTION 

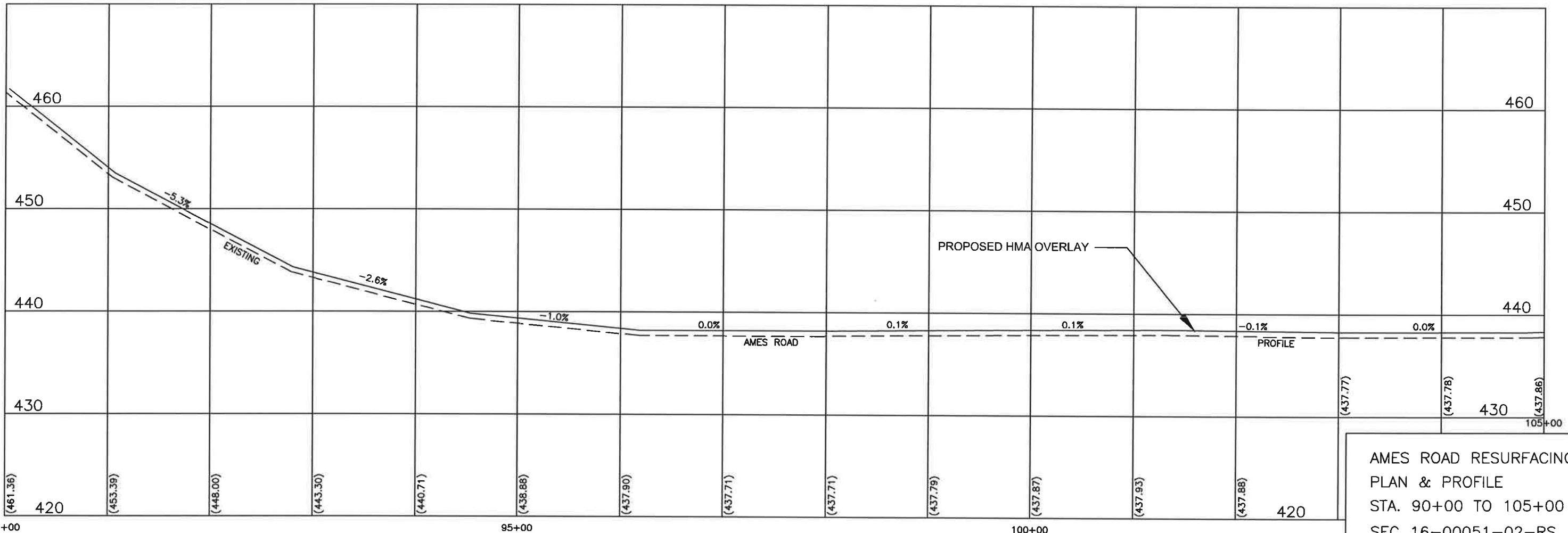
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	10

FEDERAL AID PROJECT
 CONTRACT 97673

CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
 WITH THE ENGINEER PRIOR TO INSTALLATION.



 MAILBOX TURNOUT
 SEE SCHEDULE SHEET 23
 FOR DETAILS



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 90+00 TO 105+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

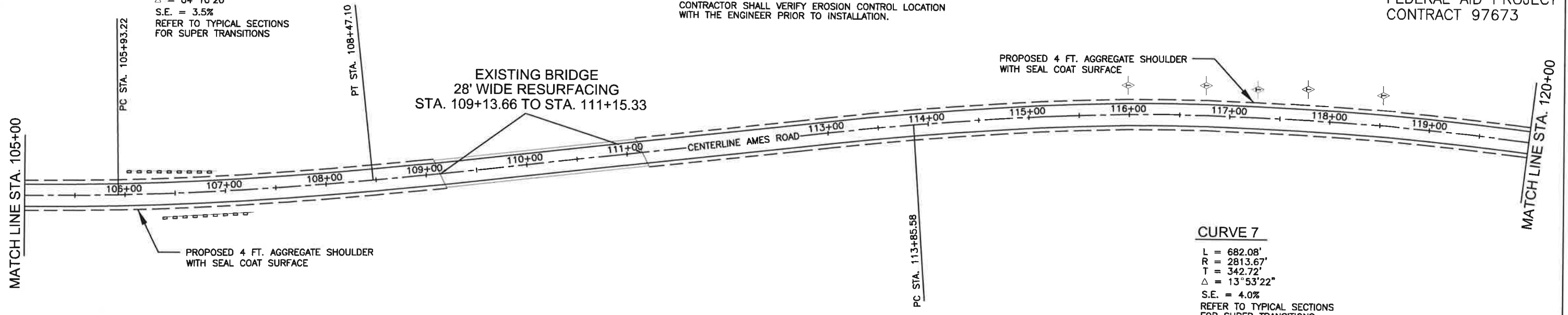
CURVE 6

L = 253.88'
 R = 3486.45'
 T = 127.00'
 Δ = 04°10'20"
 S.E. = 3.5%
 REFER TO TYPICAL SECTIONS FOR SUPER TRANSITIONS

PERIMETER EROSION BARRIER
 DITCH CHECK TEMPORARY
 INLET & PIPE PROTECTION
 CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051-02-RS	MONROE	72	11

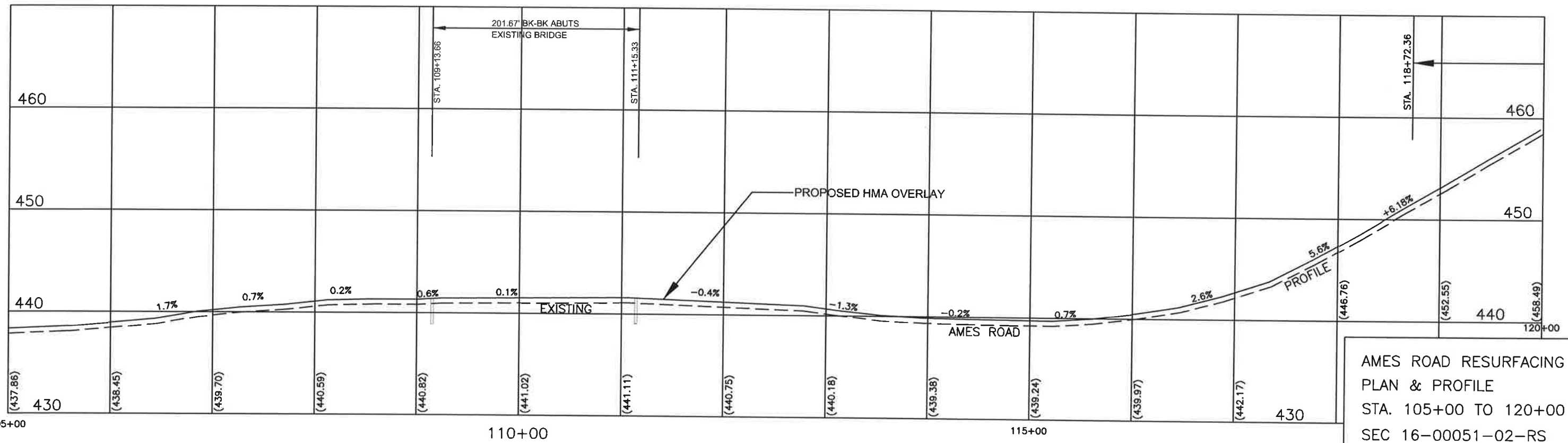
FEDERAL AID PROJECT
 CONTRACT 97673



RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.



MAILBOX TURNOUT
 SEE SCHEDULE SHEET 23 FOR DETAILS

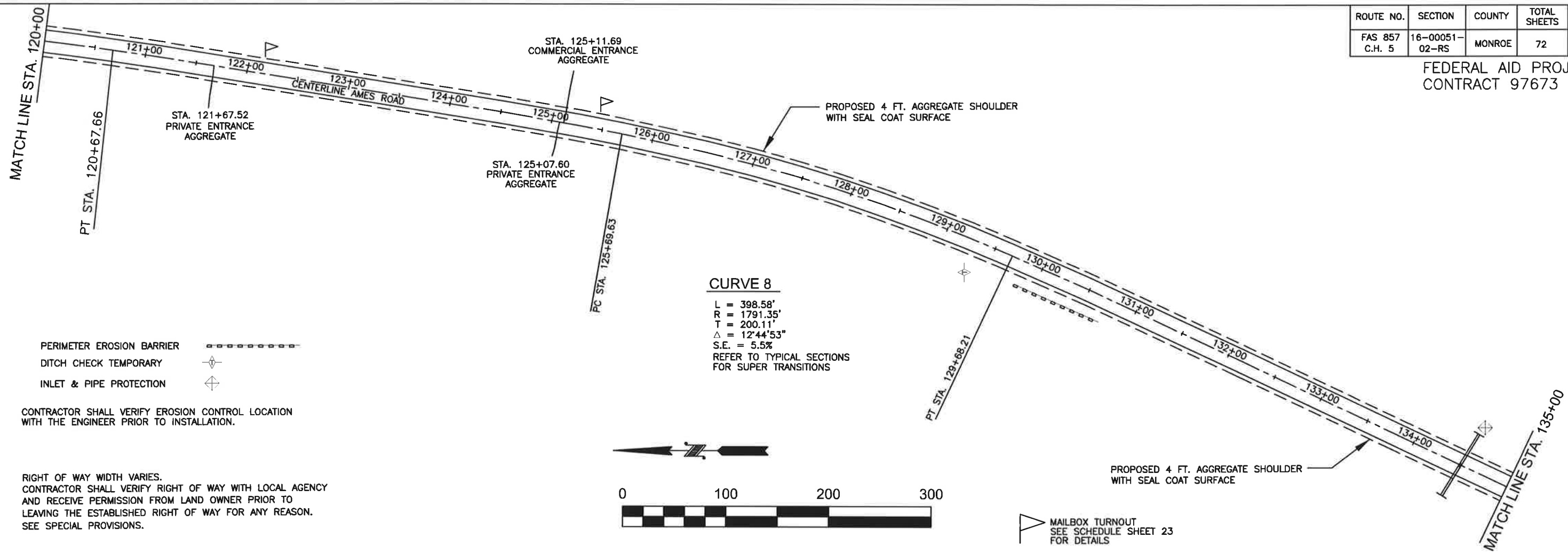


AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 105+00 TO 120+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	12

FEDERAL AID PROJECT
CONTRACT 97673

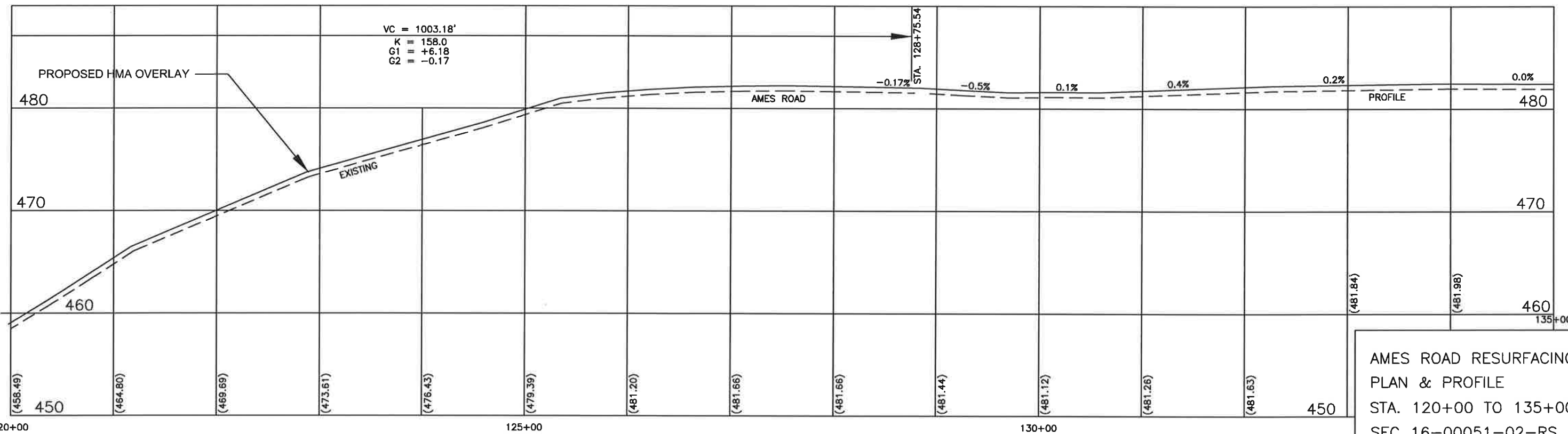


CURVE 8
 L = 398.58'
 R = 1791.35'
 T = 200.11'
 $\Delta = 12^\circ 44' 53''$
 S.E. = 5.5%
 REFER TO TYPICAL SECTIONS
 FOR SUPER TRANSITIONS

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET & PIPE PROTECTION

CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.

RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.

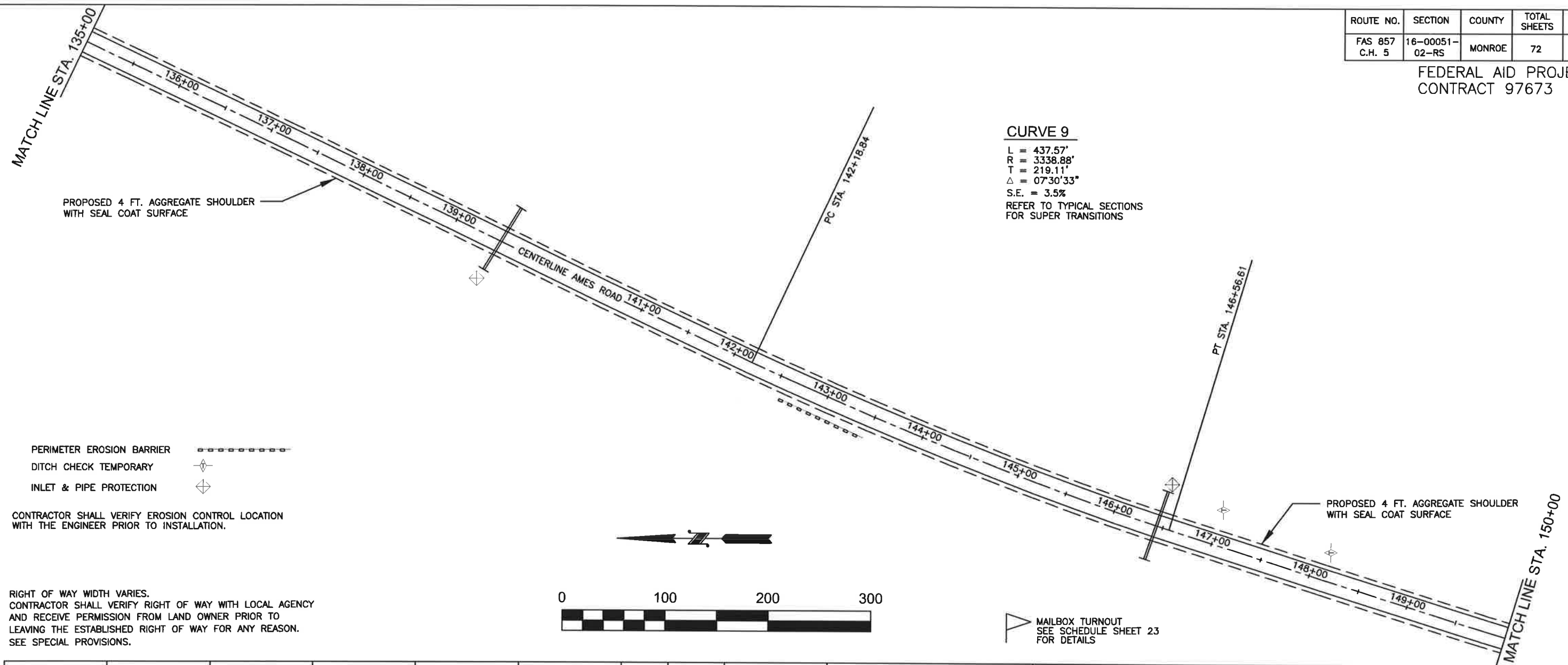


AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 120+00 TO 135+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	13

FEDERAL AID PROJECT
CONTRACT 97673



CURVE 9
 L = 437.57'
 R = 3338.88'
 T = 219.11'
 Δ = 07°30'33"
 S.E. = 3.5%
 REFER TO TYPICAL SECTIONS
 FOR SUPER TRANSITIONS

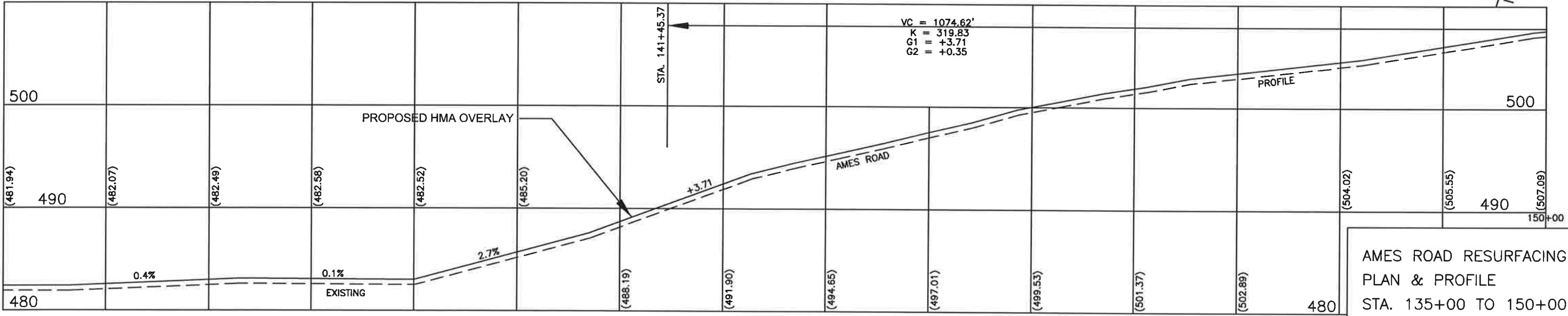
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET & PIPE PROTECTION

CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.



RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.

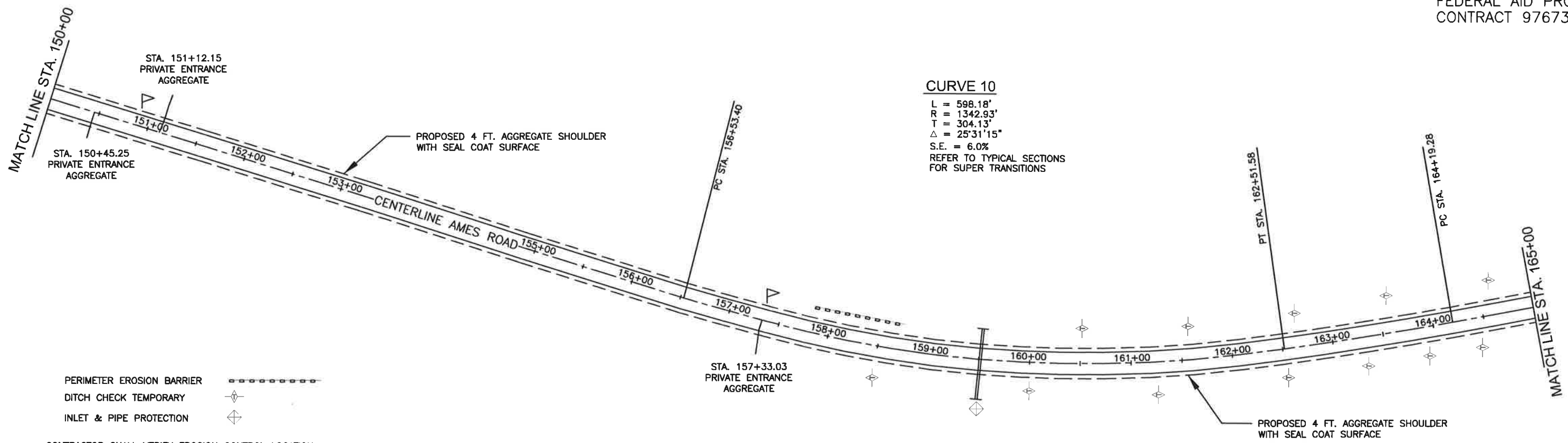
MAILBOX TURNOUT
 SEE SCHEDULE SHEET 23 FOR DETAILS



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 135+00 TO 150+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	14

FEDERAL AID PROJECT
CONTRACT 97673



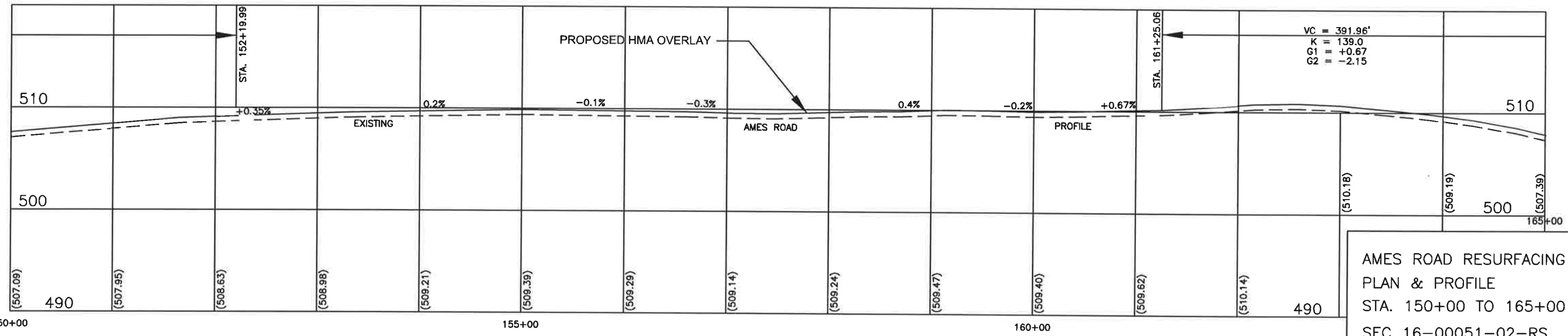
- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET & PIPE PROTECTION

CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.



RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.




MAILBOX TURNOUT
SEE SCHEDULE SHEET 23 FOR DETAILS



AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 150+00 TO 165+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
 AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
 LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
 SEE SPECIAL PROVISIONS.

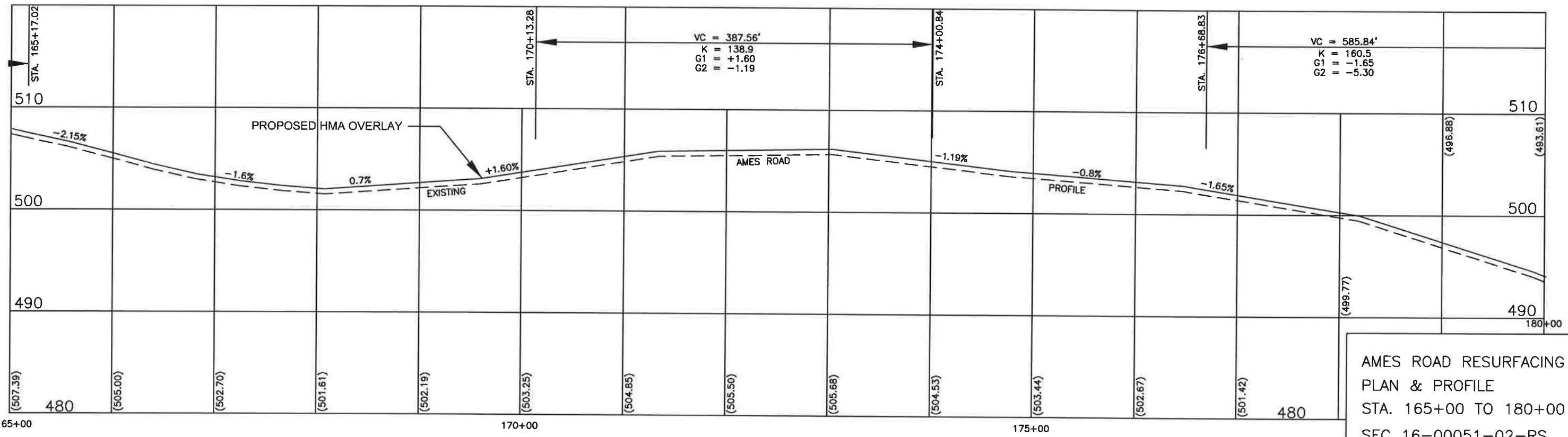
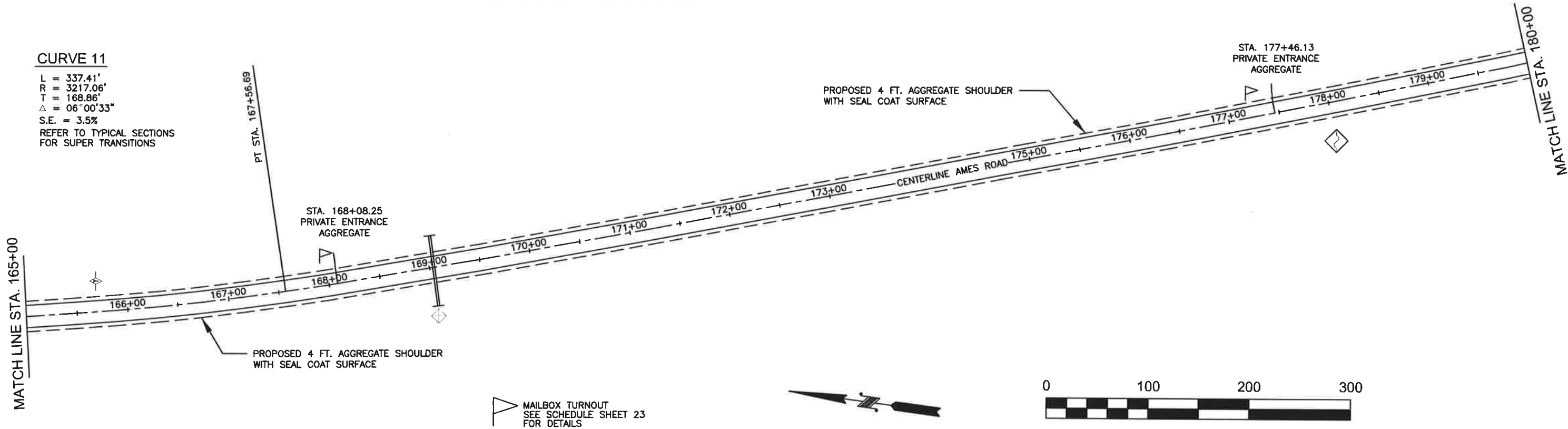
PERIMETER EROSION BARRIER 
 DITCH CHECK TEMPORARY 
 INLET & PIPE PROTECTION 
 CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
 WITH THE ENGINEER PRIOR TO INSTALLATION.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	15

FEDERAL AID PROJECT
 CONTRACT 97673

CURVE 11

L = 337.41'
 R = 3217.06'
 T = 168.86'
 $\Delta = 06^{\circ}00'33''$
 S.E. = 3.5%
 REFER TO TYPICAL SECTIONS
 FOR SUPER TRANSITIONS






AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 165+00 TO 180+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

165+00 (507.39) (505.00) (502.70) (501.61) (502.19) (503.25) (504.85) (505.50) (505.88) (504.53) (503.44) (502.67) (501.42) 480

RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
 AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
 LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
 SEE SPECIAL PROVISIONS.

PERIMETER EROSION BARRIER 
 DITCH CHECK TEMPORARY 
 INLET & PIPE PROTECTION 
 CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
 WITH THE ENGINEER PRIOR TO INSTALLATION.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	16

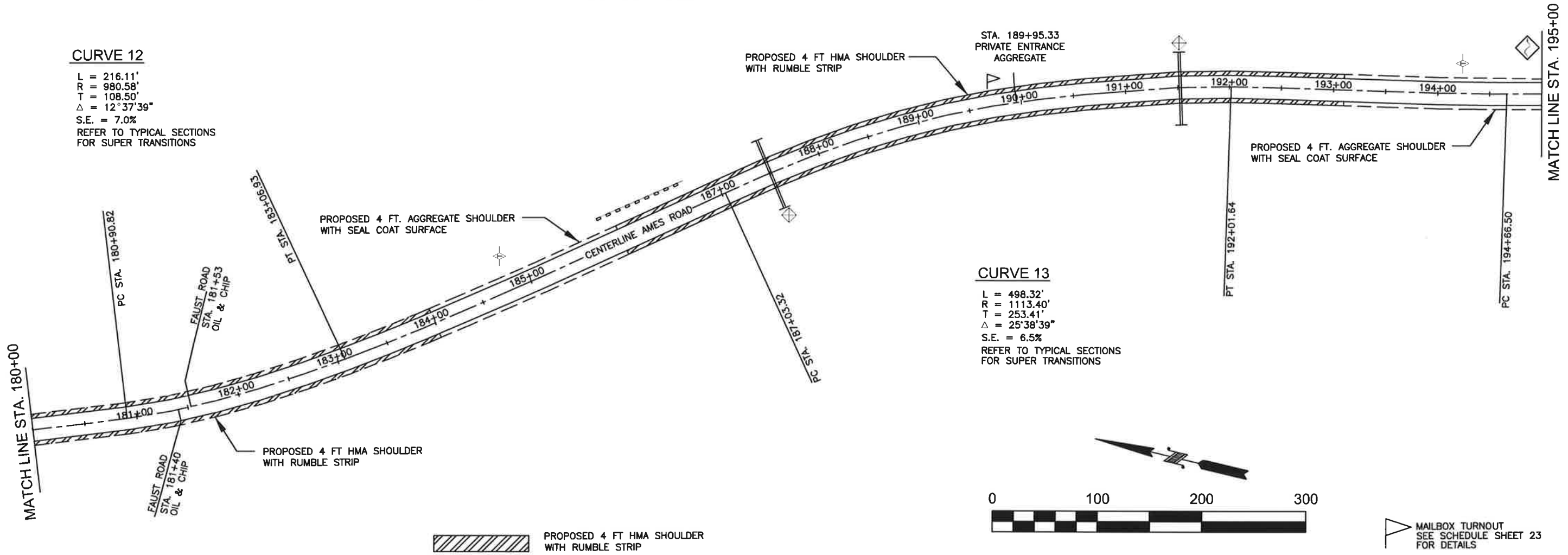
FEDERAL AID PROJECT
 CONTRACT 97673


CURVE 12

L = 216.11'
 R = 980.58'
 T = 108.50'
 $\Delta = 12^\circ 37' 39''$
 S.E. = 7.0%
 REFER TO TYPICAL SECTIONS
 FOR SUPER TRANSITIONS

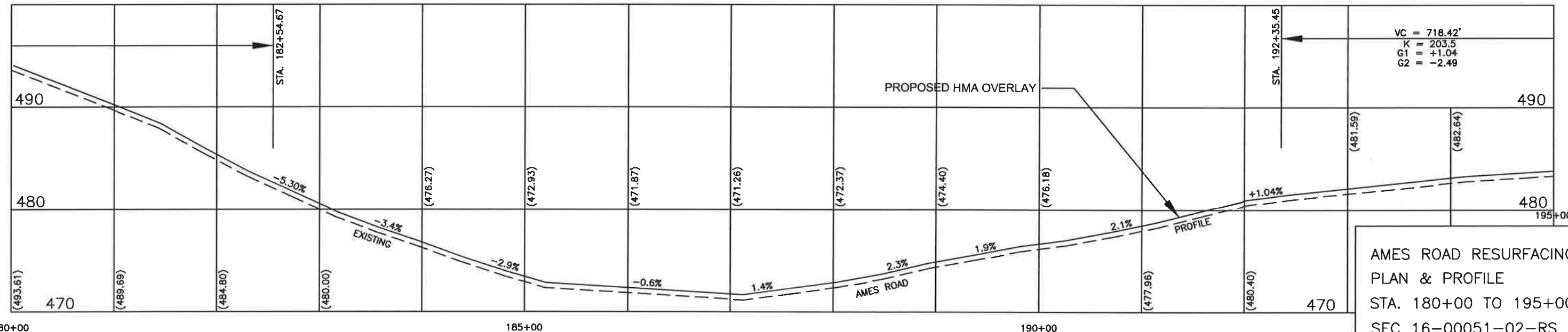
CURVE 13

L = 498.32'
 R = 1113.40'
 T = 253.41'
 $\Delta = 25^\circ 38' 39''$
 S.E. = 6.5%
 REFER TO TYPICAL SECTIONS
 FOR SUPER TRANSITIONS



 PROPOSED 4 FT HMA SHOULDER WITH RUMBLE STRIP

 MAILBOX TURNOUT
 SEE SCHEDULE SHEET 23
 FOR DETAILS






AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 180+00 TO 195+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	17

FEDERAL AID PROJECT
CONTRACT 97673

RIGHT OF WAY WIDTH VARIES.
CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY
AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO
LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON.
SEE SPECIAL PROVISIONS.

- PERIMETER EROSION BARRIER 
- DITCH CHECK TEMPORARY 
- INLET & PIPE PROTECTION 

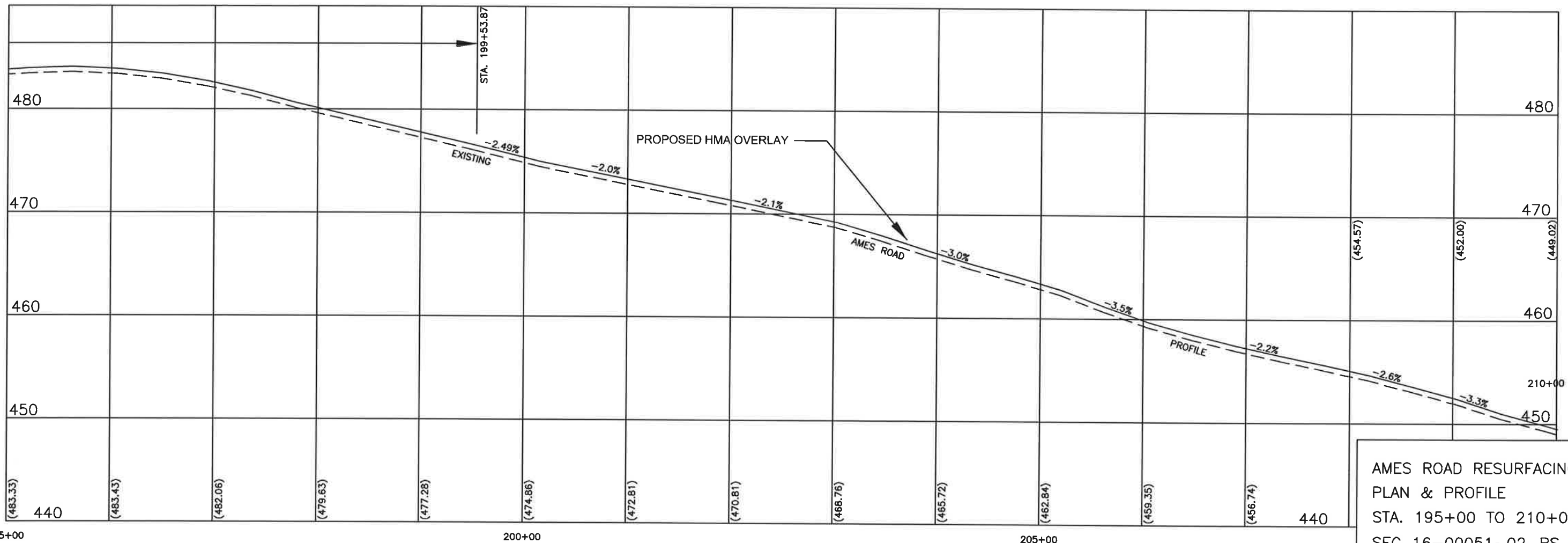
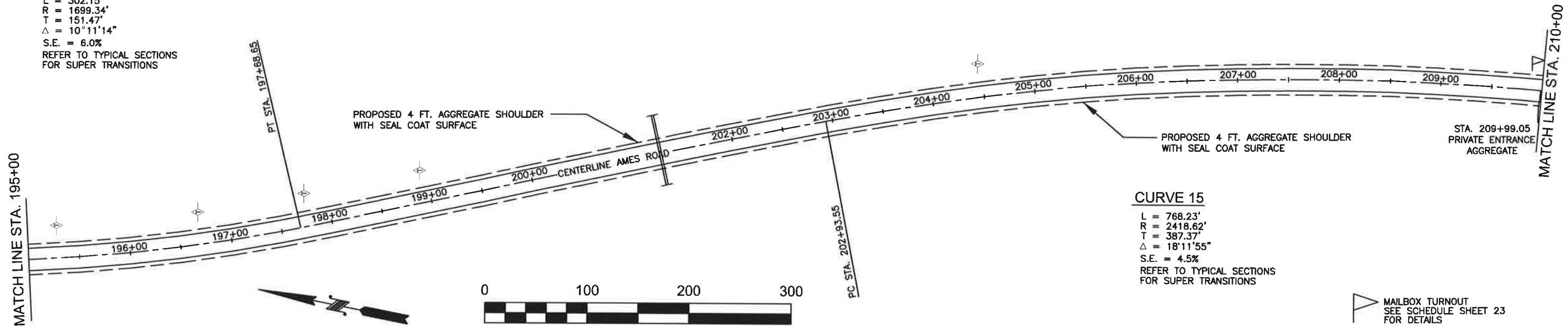
CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION
WITH THE ENGINEER PRIOR TO INSTALLATION.

CURVE 14

L = 302.15'
R = 1699.34'
T = 151.47'
 $\Delta = 10^{\circ}11'14''$
S.E. = 6.0%
REFER TO TYPICAL SECTIONS
FOR SUPER TRANSITIONS

CURVE 15




L = 768.23'
R = 2418.62'
T = 387.37'
 $\Delta = 18^{\circ}11'55''$
S.E. = 4.5%
REFER TO TYPICAL SECTIONS
FOR SUPER TRANSITIONS

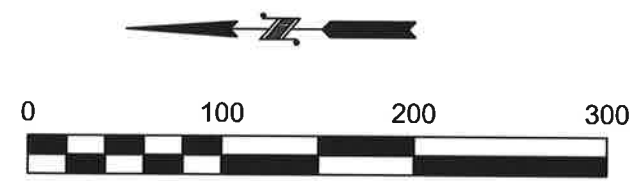
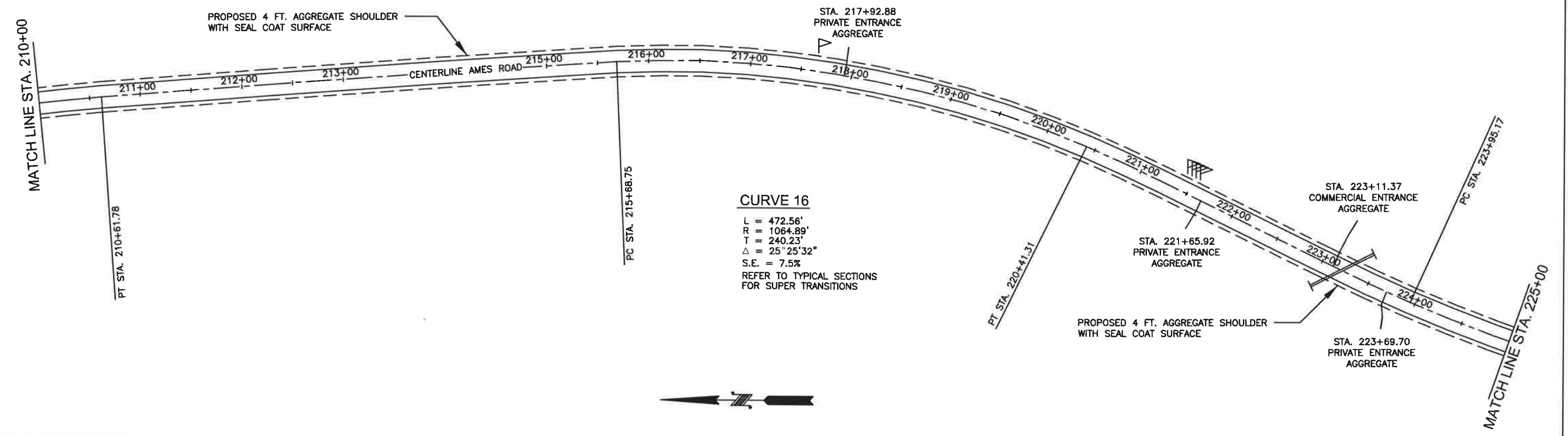


AMES ROAD RESURFACING
PLAN & PROFILE
STA. 195+00 TO 210+00
SEC 16-00051-02-RS
MONROE COUNTY, IL

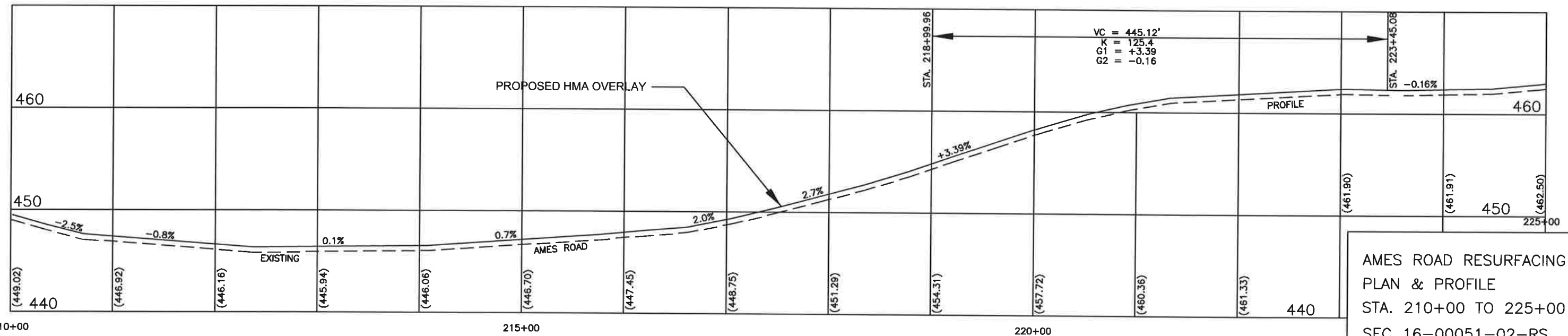
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	18

FEDERAL AID PROJECT
CONTRACT 97673

PERIMETER EROSION BARRIER 
 DITCH CHECK TEMPORARY 
 INLET & PIPE PROTECTION 
 CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.



RIGHT OF WAY WIDTH VARIES.
 CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.

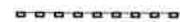




AMES ROAD RESURFACING
 PLAN & PROFILE
 STA. 210+00 TO 225+00
 SEC 16-00051-02-RS
 MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

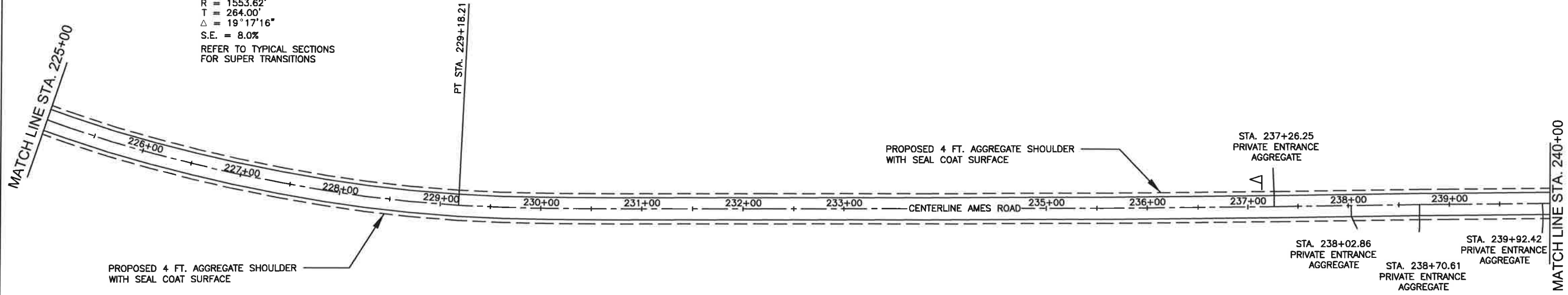
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	19

FEDERAL AID PROJECT
CONTRACT 97673

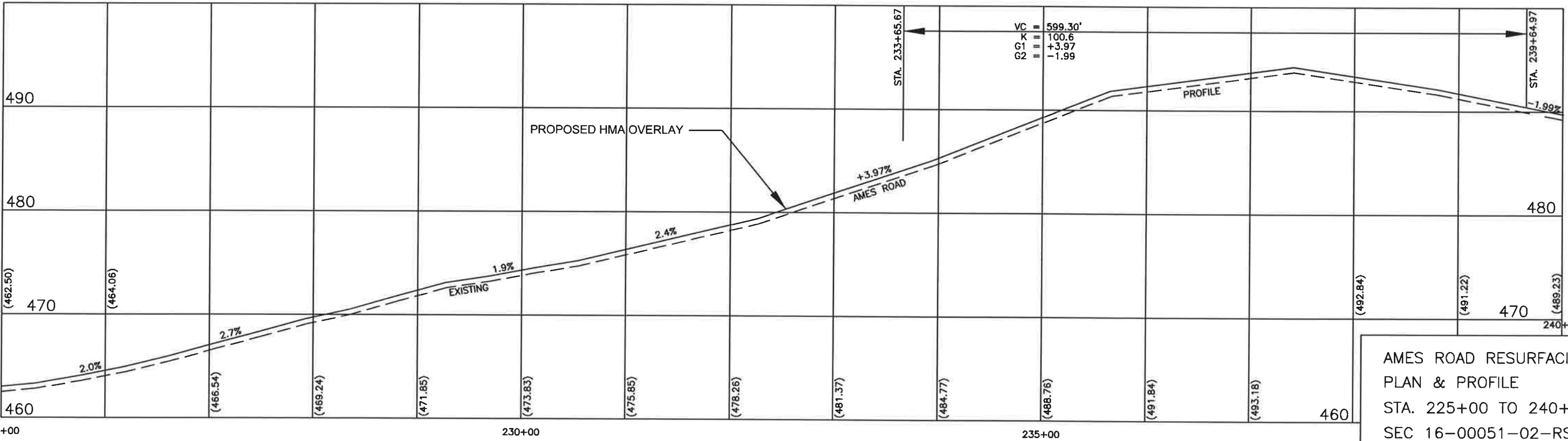
PERIMETER EROSION BARRIER 
DITCH CHECK TEMPORARY 
INLET & PIPE PROTECTION 
CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.

CURVE 17

L = 523.00'
R = 1553.62'
T = 264.00'
Δ = 19° 17' 16"
S.E. = 8.0%
REFER TO TYPICAL SECTIONS FOR SUPER TRANSITIONS






RIGHT OF WAY WIDTH VARIES.
CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.



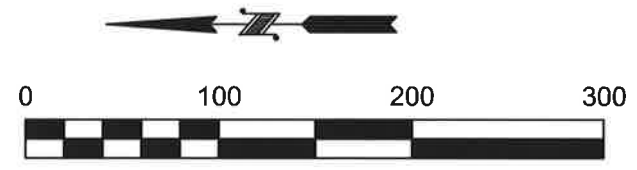
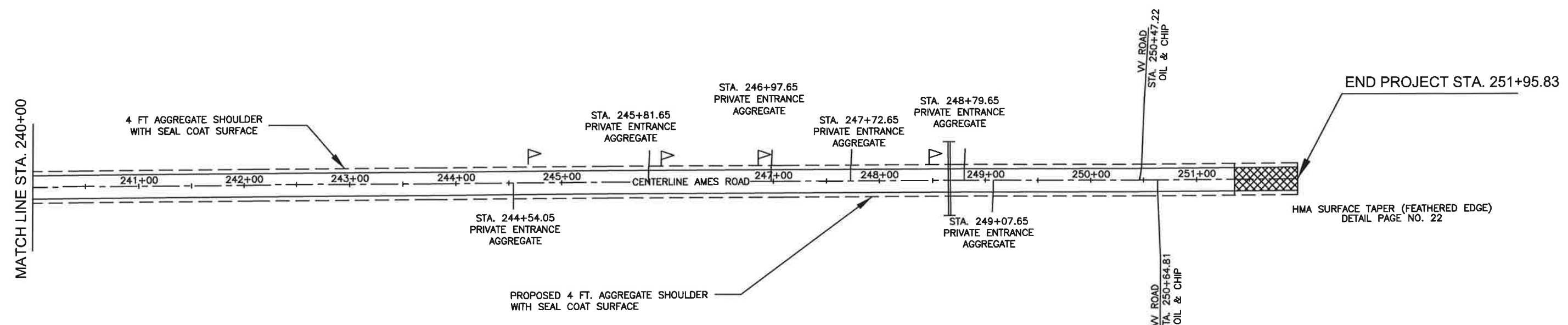
AMES ROAD RESURFACING
PLAN & PROFILE
STA. 225+00 TO 240+00
SEC 16-00051-02-RS
MONROE COUNTY, IL

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051- 02-RS	MONROE	72	20

FEDERAL AID PROJECT
CONTRACT 97673

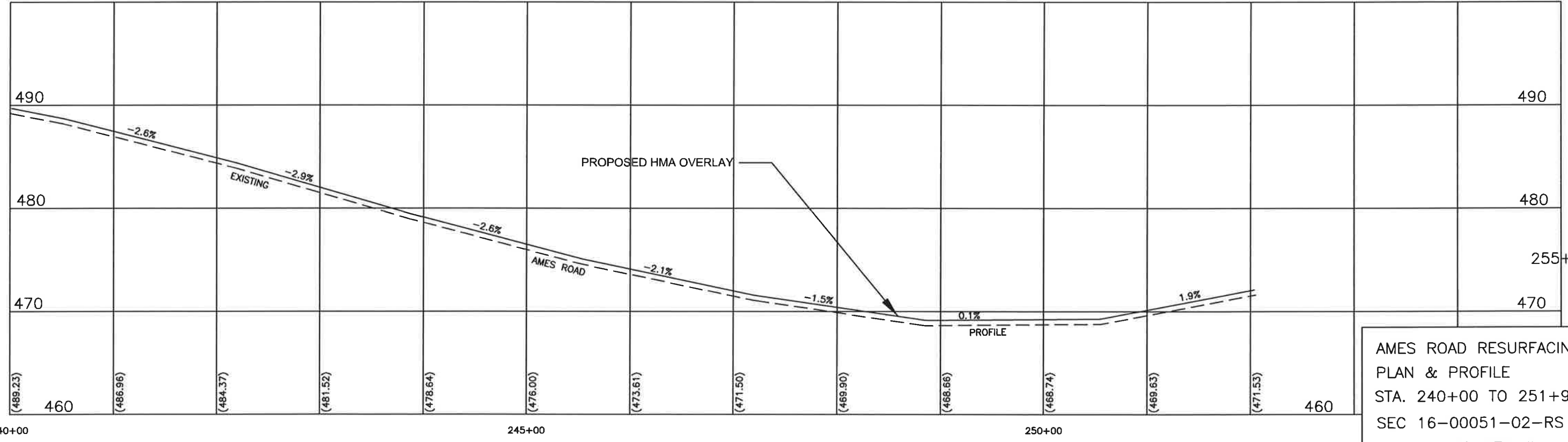
- PERIMETER EROSION BARRIER 
- DITCH CHECK TEMPORARY 
- INLET & PIPE PROTECTION 

CONTRACTOR SHALL VERIFY EROSION CONTROL LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION.



RIGHT OF WAY WIDTH VARIES.
CONTRACTOR SHALL VERIFY RIGHT OF WAY WITH LOCAL AGENCY AND RECEIVE PERMISSION FROM LAND OWNER PRIOR TO LEAVING THE ESTABLISHED RIGHT OF WAY FOR ANY REASON. SEE SPECIAL PROVISIONS.

 MAILBOX TURNOUT
SEE SCHEDULE SHEET 23 FOR DETAILS



AMES ROAD RESURFACING
PLAN & PROFILE
STA. 240+00 TO 251+95.83
SEC 16-00051-02-RS
MONROE COUNTY, IL

File: S/AMES ROAD/ames 2016/Ames Profile.dwg

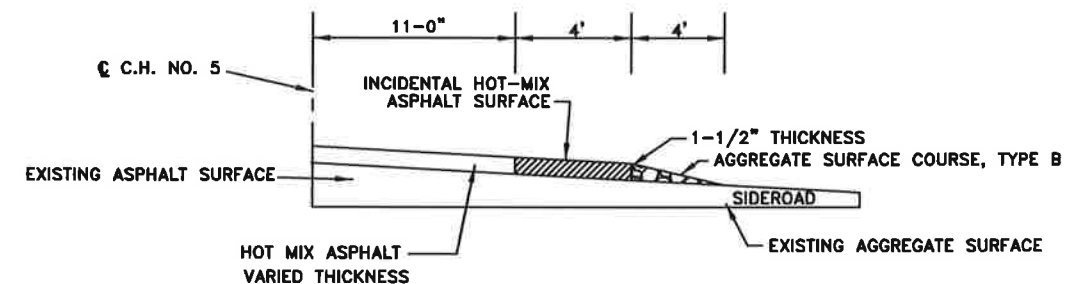
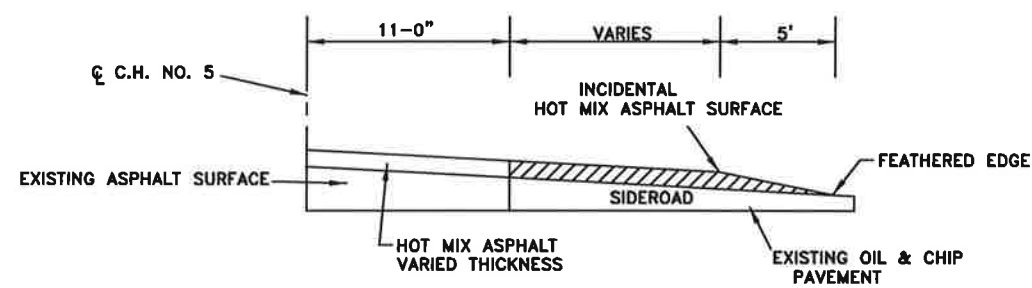
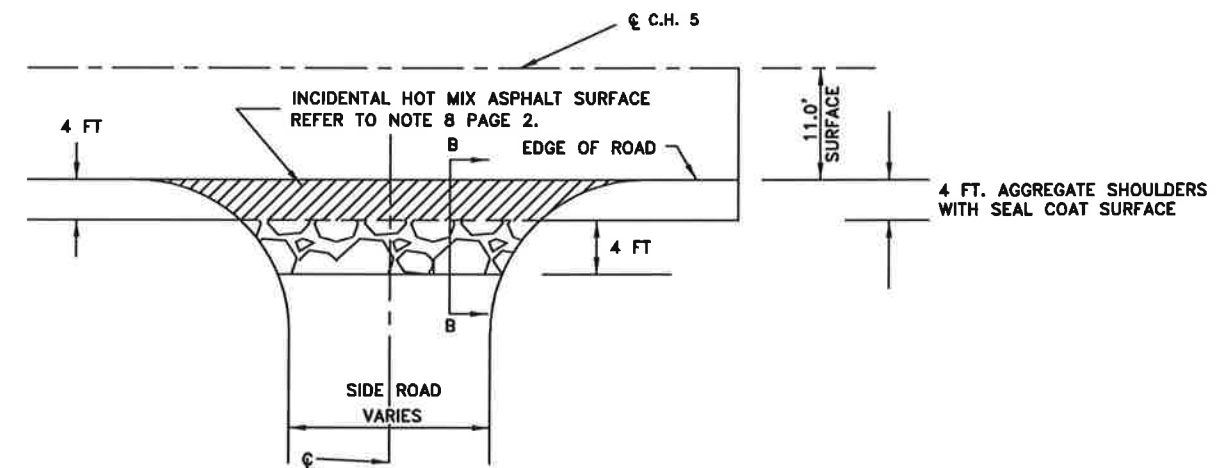
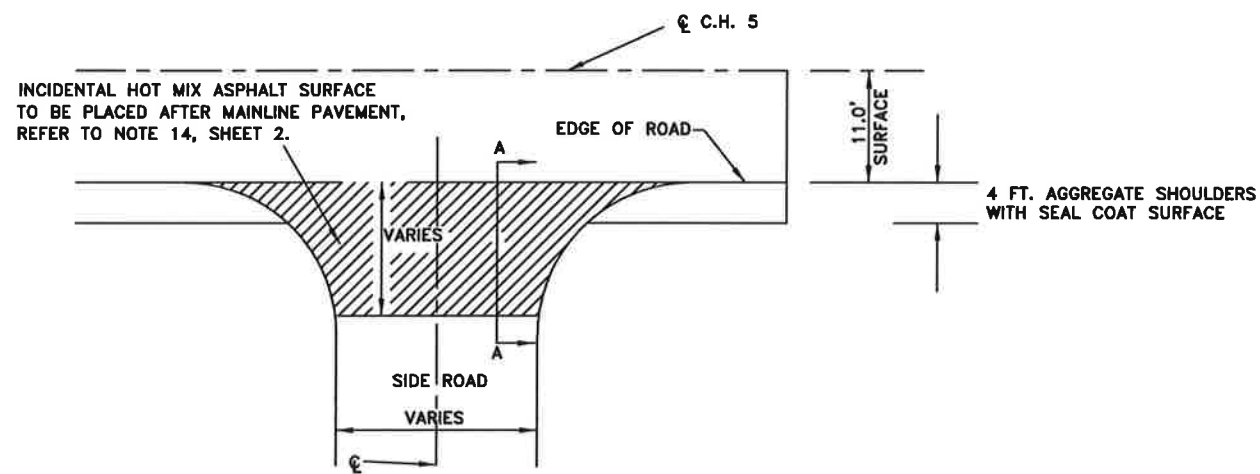
ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	21

FEDERAL AID PROJECT
CONTRACT NO. 97673

SIDEROAD SCHEDULE

LOCATION STATION	SIDE LT/RT	EXISTING SURFACE	IMPROVED LENGTH (FT.)	EXISTING WIDTH (FT.)	INCIDENTAL HOT MIX ASPHALT SURFACING (TONS)	AGGREGATE SURFACE COURSE, TYPE B (TONS)	ROAD NAME
2+78.53	RIGHT	OIL & CHIP	8.0	22.0	3	---	MM ROAD
43+84.68	RIGHT	AGGREGATE	8.0	14.0	2	3.0	LOHRBERG LANE
71+67.53	RIGHT	OIL & CHIP	32.0	18.0	20	---	SOUTHFORK ROAD
98+67.62	LEFT	AGGREGATE	8.0	14.0	2	3.0	WHITE PINE LANE
181+40.00	RIGHT	OIL & CHIP	17.0	20.0	7	---	FAUST ROAD
181+40.00	LEFT	OIL & CHIP	6.0	22.0	2	---	FAUST ROAD
250+47.22	LEFT	OIL & CHIP	16.0	22.0	15	---	VV ROAD
250+64.81	RIGHT	OIL & CHIP	6.0	26.0	3	---	VV ROAD
TOTAL					54	6.0	

REFER TO CROSS SECTIONS FOR SIDE ROAD PROFILES.



SECTION A-A
OIL & CHIP SURFACE
MM ROAD
SOUTHFORK ROAD
FAUST ROAD
VV ROAD

SECTION B-B
AGGREGATE SURFACE
LOHRBERG LANE
WHITE PINE LANE

TYPICAL SIDEROAD DETAILS

DRAWING FILE: S:\AMES ROAD\AMES 2016\PLAN SHEETS\DETAILS

AMES ROAD RESURFACING
SIDEROAD SCHEDULE
AND DETAIL
SEC 16-00051-02-RS
MONROE COUNTY, ILLINOIS

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	22

FEDERAL AID PROJECT
CONTRACT 97673

SIGN SCHEDULE

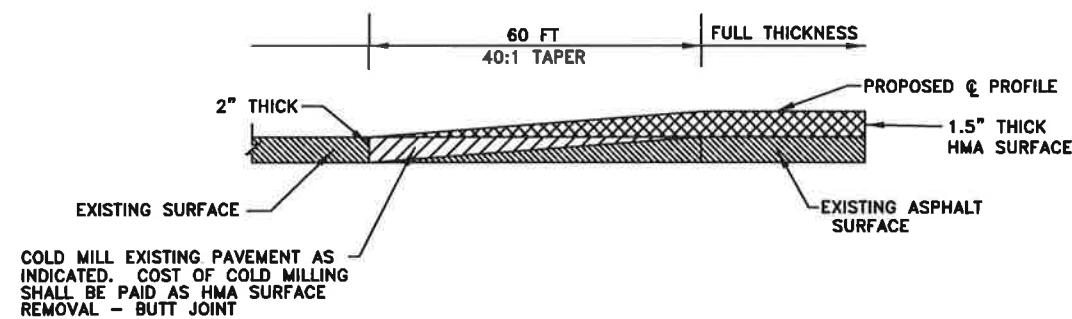
STATION	SIGN	SIGN PANEL- TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (SQ FT)	DESCRIPTION
59+50 RIGHT	W1-4R	9	20	36" x 36" REVERSE CURVE RIGHT
59+50 RIGHT	W13-1P	4		24" x 24" 45 MPH PLAQUE
80+50 LEFT	W1-4R	9	20	36" x 36" REVERSE CURVE RIGHT
80+50 LEFT	W13-1P	4		24" x 24" 45 MPH PLAQUE
178+00 RIGHT	W1-4L	9	20	36" x 36" REVERSE CURVE LEFT
178+00 RIGHT	W13-1P	4		24" x 24" 45 MPH PLAQUE
195+00 LEFT	W1-4L	9	20	36" x 36" REVERSE CURVE LEFT
195+00 LEFT	W13-1P	4		24" x 24" 45 MPH PLAQUE
TOTALS		52	80	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS				
LOCATION(S)	ALL			
MIXTURE USE(S)	SURFACE	LEVELING BINDER	INCIDENTAL	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=50
MIXTURE COMPOSITION (GRADATION MIXTURE)	9.5			
FRICITION AGGREGATE	MIXTURE D	MIXTURE C	MIXTURE C	MIXTURE C

MAINLINE SURFACING SUMMARY

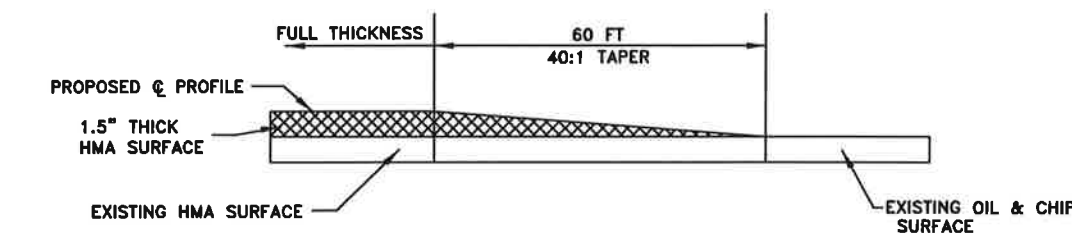
LOCATION STATION - STATION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70	LEVELING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT SHOULDERS	BITUMINOUS MATERIALS (COVER AND SEAL COATS) A-1 TREATMENT	SEAL COAT AGGREGATE	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	AGGREGATE WEDGE SHOULDER, TYPE B	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE (TACK COAT)	SHOULDER RUMBLE STRIPS, 8 INCH
UNIT	TON	TON	TON	TON	TON	TON	SQ YD	TON	POUND	TON	FOOT
STA. 0+00 TO STA. 61+04.44	1254	300	--	5.6	67.8	6.7	525	684	6715	29.8	--
STA. 61+04.44 TO STA. 67+74.87	138	194	250	--	--	--	--	--	737	3.3	1341
STA. 67+74.87 TO STA. 78+55.93	222	104	186	0.5	6.0	0.6	--	41	1189	5.3	1078
STA. 78+55.93 TO STA. 113+04.91	720	205	--	3.0	36.1	3.6	--	432	3854	17.1	--
STA. 113+04.91 TO STA. 141+45.51	583	303	--	2.6	31.6	3.2	--	515	3125	13.9	--
STA. 141+45.51 TO STA. 179+96.15	791	492	--	3.5	42.9	4.2	--	745	4236	18.8	--
STA. 179+96.15 TO STA. 185+94.65	123	116	138	0.2	2.2	0.2	--	15	658	2.9	811
STA. 185+94.65 TO STA. 193+56.50	156	187	246	0.1	0.5	0.1	--	4	838	3.7	1432
STA. 193+56.50 TO STA. 211+49.78	368	405	--	1.6	19.9	2.0	--	443	1973	8.8	--
STA. 211+49.78 TO STA. 251+95.83	831	--	--	3.7	45.0	4.4	--	307	4451	19.8	--
PROJECT TOTALS	5186	2306	820	20.8	252.0	25.0	525	3186	27776	123.4	4662

AGGREGATE (TACK COAT) FOR INFORMATIONAL PURPOSES ONLY



ASPHALT TAPER/BUTT JOINT DETAIL

STA. 0+00 TO STA. 0+60



ASPHALT TAPER/FEATHERED EDGE DETAIL

STA. 251+35.83 TO STA. 251+95.83

ASPHALT TAPER WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST PER TON FOR HMA SURFACE COURSE

AMES ROAD RESURFACING
DETAILS AND SCHEDULES
SEC 16-00051-02-RS
MONROE COUNTY, ILLINOIS

ENTRANCE SCHEDULE

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	23

FEDERAL AID PROJECT
CONTRACT NO. 97673

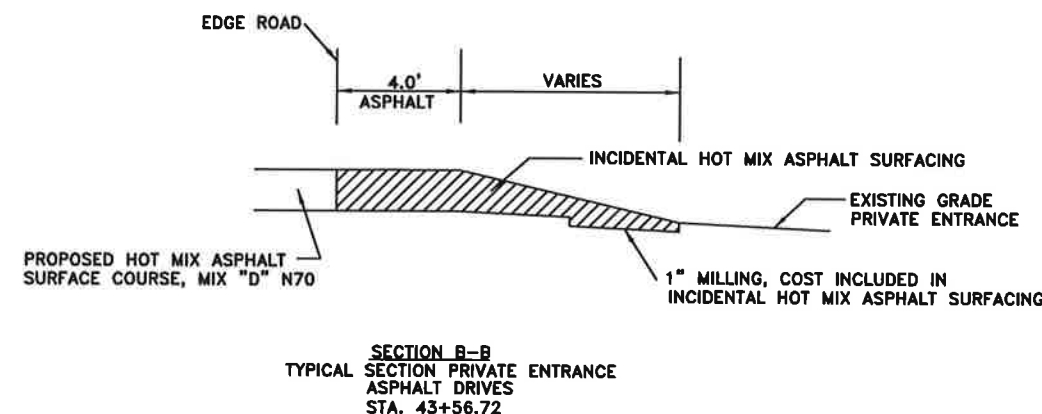
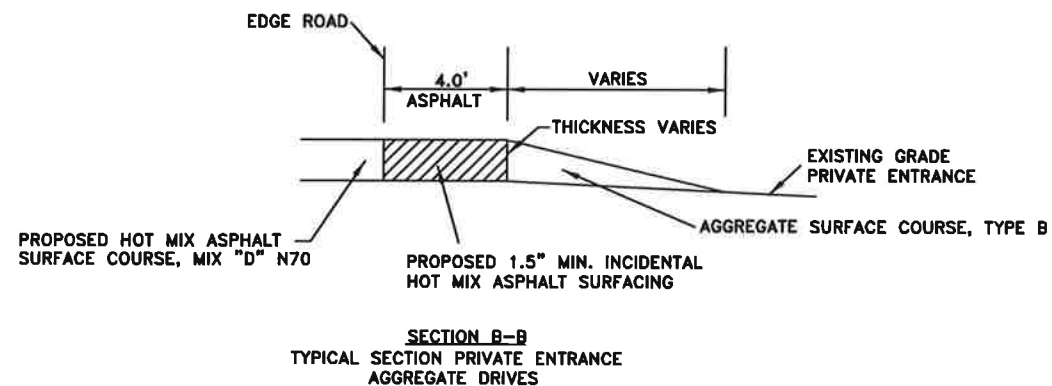
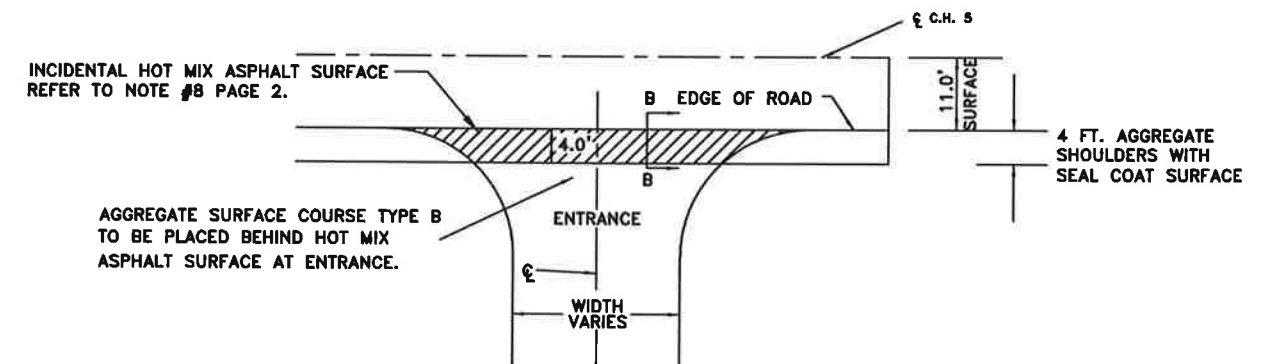
LOCATION STATION	SIDE LT/RT	TYPE OF ENTRANCE	EXISTING SURFACE	LENGTH FOOT	WIDTH FOOT	INCIDENTAL HOT-MIX ASPHALT SURFACING TONS	BIT. MAT'L (TACK COAT) POUND	AGGREGATE (TACK COAT) POUND	AGGREGATE SURFACE COURSE, TYPE B (TONS)
0+50.87	RIGHT	PRIVATE	AGGREGATE	8.00	10.0	1.0	5.6	49.8	2.0
22+31.98	LEFT	PRIVATE	AGGREGATE	8.00	12.0	0.8	4.4	39.1	3.5
32+38.92	RIGHT	PRIVATE	AGGREGATE	8.00	10.0	1.1	6.0	53.3	3.7
40+04.40	LEFT	PRIVATE	AGGREGATE	8.00	12.0	1.3	6.8	60.4	2.4
43+56.72	LEFT	PRIVATE	HMA	8.00	12.0	1.3	6.8	60.4	0.0
49+80.12	LEFT	PRIVATE	AGGREGATE	8.00	8.0	1.2	6.4	56.8	1.6
56+99.75	LEFT	PRIVATE	AGGREGATE	8.00	10.5	1.2	6.4	56.8	2.4
71+13.24	LEFT	PRIVATE	AGGREGATE	8.00	12.0	1.3	7.2	64.0	4.6
80+82.08	RIGHT	PRIVATE	AGGREGATE	8.00	10.5	1.3	7.2	64.0	2.6
85+14.96	LEFT	PRIVATE	AGGREGATE	8.00	10.0	1.4	7.6	67.5	2.1
94+00.00	LEFT	PRIVATE	AGGREGATE	8.00	18.0	0.9	4.8	42.7	3.3
121+67.52	RIGHT	PRIVATE	AGGREGATE	8.00	20.0	1.6	8.4	74.7	3.5
125+07.60	RIGHT	PRIVATE	AGGREGATE	8.00	22.0	1.4	7.6	67.6	5.5
125+11.69	LEFT	COMMERCIAL	AGGREGATE	8.00	22.0	2.0	10.8	96.0	4.7
150+45.25	RIGHT	PRIVATE	AGGREGATE	8.00	14.0	1.5	8.0	71.2	2.4
151+12.15	LEFT	PRIVATE	AGGREGATE	8.00	19.0	1.9	10.0	88.8	3.2
157+33.03	RIGHT	PRIVATE	AGGREGATE	8.00	12.0	1.3	7.2	64.0	2.4
168+08.25	LEFT	PRIVATE	AGGREGATE	8.00	12.0	1.6	8.8	78.4	2.5
177+46.13	LEFT	PRIVATE	AGGREGATE	8.00	15.0	1.9	10.0	88.8	2.6
189+95.33	LEFT	PRIVATE	AGGREGATE	8.00	10.0	1.4	7.6	67.5	2.4
209+99.05	RIGHT	PRIVATE	AGGREGATE	8.00	10.0	1.4	7.6	67.5	2.5
217+92.88	LEFT	PRIVATE	AGGREGATE	8.00	12.0	1.6	8.4	74.7	2.3
221+65.92	RIGHT	PRIVATE	AGGREGATE	8.00	11.0	2.1	11.2	99.6	2.2
223+11.37	LEFT	COMMERCIAL	AGGREGATE	8.00	31.0	3.0	16.0	142.2	3.9
223+69.70	RIGHT	PRIVATE	AGGREGATE	8.00	10.0	1.4	8.0	71.2	1.8
237+26.25	LEFT	PRIVATE	AGGREGATE	8.00	10.0	1.0	6.0	53.4	1.9
238+02.86	RIGHT	PRIVATE	AGGREGATE	8.00	10.0	1.3	6.8	60.4	1.8
238+70.61	RIGHT	PRIVATE	AGGREGATE	8.00	12.0	1.3	6.8	60.4	2.0
239+92.42	RIGHT	PRIVATE	AGGREGATE	8.00	11.0	1.3	7.2	64.0	2.1
244+54.05	RIGHT	PRIVATE	AGGREGATE	8.00	12.0	1.4	7.6	67.6	2.0
245+81.65	LEFT	PRIVATE	AGGREGATE	8.00	11.0	1.2	6.4	56.8	2.1
246+97.65	LEFT	PRIVATE	AGGREGATE	8.00	21.0	1.2	6.4	56.8	3.7
247+72.65	LEFT	PRIVATE	AGGREGATE	8.00	12.0	1.0	5.6	49.8	2.0
248+79.65	LEFT	PRIVATE	AGGREGATE	8.00	26.0	1.2	6.7	60.4	3.8
249+07.65	RIGHT	PRIVATE	AGGREGATE	8.00	16.0	1.2	6.7	60.4	2.5
TOTAL						49.0	265.0	2357.0	94.0

MAILBOX TURNOUT SCHEDULE

LOCATION STATION	SIDE LT/RT	INCIDENTAL HOT MIX ASPHALT SURFACING TONS	BIT. MAT'L (TACK COAT) POUNDS	AGGREGATE (TACK COAT) POUNDS
32+22.56	LEFT	1.2	6.6	58.7
40+28.52	LEFT	1.0	5.6	49.6
49+44.50	LEFT	1.2	6.6	58.7
56+81.63	LEFT	0.9	5.0	44.4
71+32.26	LEFT	1.0	5.6	49.6
84+94.56	LEFT	0.9	5.0	44.4
122+15.47	LEFT	1.2	6.6	58.7
125+45.21	LEFT	1.0	5.6	49.6
150+89.04	LEFT	0.9	5.0	44.4
157+33.41	LEFT	1.2	6.6	58.7
167+97.58	LEFT	0.9	5.0	44.4
177+19.88	LEFT	0.9	5.0	44.4
189+70.37	LEFT	0.9	5.0	44.4
210+01.36	LEFT	1.2	6.6	58.7
217+65.01	LEFT	0.9	5.0	44.4
221+42.63	LEFT	1.2	6.6	58.7
221+47.43	LEFT	0.2	1.0	9.0
221+51.79	LEFT	0.2	1.0	9.0
221+56.40	LEFT	1.2	6.6	58.7
237+13.87	LEFT	0.9	5.0	44.4
244+68.49	LEFT	1.2	6.6	58.7
245+93.85	LEFT	1.0	5.6	49.6
246+85.65	LEFT	0.9	5.4	44.4
248+46.65	LEFT	0.9	5.4	44.4
TOTAL		23.0	128.0	1130.0

REFER TO STANDARD BLR 24-2 FOR TURNOUT DETAILS
AGGREGATE (TACK COAT) FOR INFORMATIONAL PURPOSES ONLY

AGGREGATE (TACK COAT) FOR INFORMATIONAL PURPOSES ONLY



AMES ROAD RESURFACING
ENTRANCE SCHEDULE
AND DETAIL
SEC 16-00051-02-RS
MONROE COUNTY, ILLINOIS

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 857 C.H. 5	16-00051 -02-RS	MONROE	72	24

FEDERAL AID PROJECT
CONTRACT NO. 97673

EARTHWORK AND EROSION CONTROL SCHEDULE

STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CU YD)	FURNISHED EXCAVATION (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)	TEMPORARY EROSION CONTROL SEEDING (POUND)	TEMPORARY DITCH CHECKS (FOOT)	PERIMETER EROSION BARRIER (FOOT)	INLET AND PIPE PROTECTION (EACH)	SEEDING, CLASS 2 SPECIAL (ACRE)
AMES ROAD									
0+00 TO 61+04.44	0.0	0.0	128.5	-128.5	25.0	70.0	100.0	0.0	0.25
61+04.44 TO 67+74.87	40.0	30.0	75.7	-45.7	12.0	28.0	200.0	0.0	0.15
67+74.87 TO 78+55.93	18.0	13.5	78.9	-65.4	14.0	28.0	0.0	1.0	0.15
78+55.93 TO 113+04.91	0.0	0.0	148.9	-148.9	28.0	21.0	1400.0	0.0	0.30
113+04.91 TO 141+45.51	0.0	0.0	222.9	-222.9	37.0	42.0	400.0	2.0	0.40
141+45.51 TO 179+96.15	0.0	0.0	354.8	-354.8	48.0	105.0	500.0	3.0	0.50
179+96.15 TO 185+94.65	23.0	17.3	21.0	-3.7	5.0	7.0	0.0	0.0	0.10
185+94.65 TO 193+56.50	20.0	15.0	39.4	-24.4	15.0	0.0	450.0	2.0	0.15
193+56.50 TO 211+49.78	0.0	0.0	215.9	-215.9	26.0	42.0	0.0	0.0	0.25
211+49.78 TO 251+95.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
TOTALS	101.0	75.8*	1286.0	1210.2*	210.0	343.0	3050.0	8.0	2.25

* FOR INFORMATIONAL PURPOSES ONLY

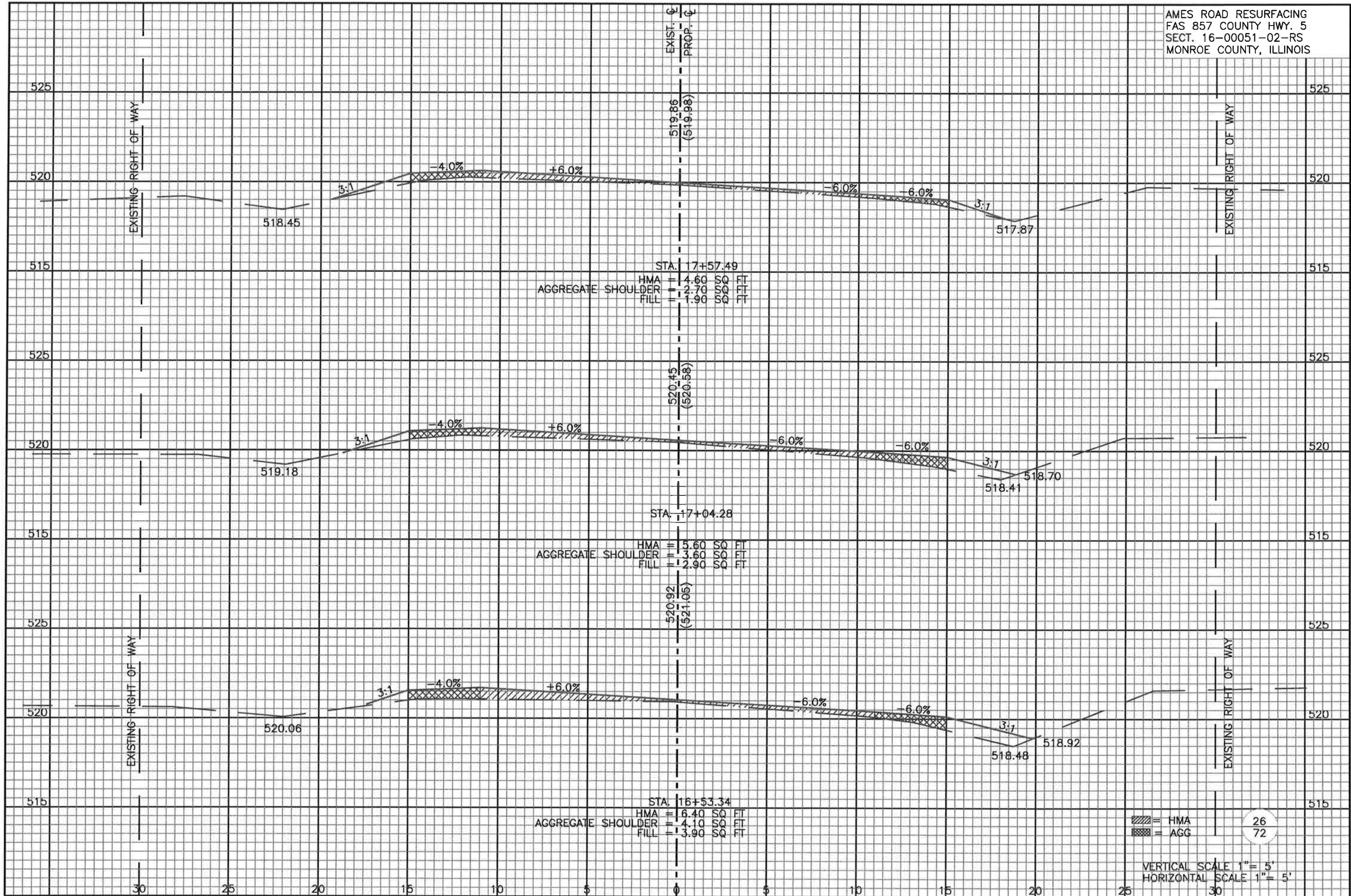
PAVEMENT MARKINGS SCHEDULE

STATION	PAINT PAVEMENT MARKING - LINE 4"						RAISED REFLECTIVE PAVEMENT MARKERS (EA)		TEMPORARY PAVEMENT MARKING - LINE 4"						SHORT TERM PAVEMENT MARKING (FT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)
	PAINT SKIP-DASH YELLOW 4" (FT)	PAINT SOLID YELLOW 4" (FT)		PAINT SOLID WHITE 4" (FT)		SKIP-DASH YELLOW 4" (FT)			SOLID YELLOW 4" (FT)	SOLID WHITE 4" (FT)		SHORT TERM PAVEMENT MARKING (FT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)			
		CENTERLINE	NO PASSING ZONE LT	NO PASSING ZONE RT	EDGE LINES LT		EDGE LINES RT	AMBER (2 WAY)		WHITE (1 WAY)	CENTERLINE			NO PASSING ZONE LT	NO PASSING ZONE RT	EDGE LINES LT
AMES ROAD																
0+00 TO 6+87	170	--	--	593	530	9	--	170	--	--	593	530	68.70	23.00		
6+87 TO 17+80	273	--	1093	1093	1093	17	--	273	--	1093	1093	1093	145.60	36.00		
17+80 TO 44+29	--	2649	2649	2649	2649	43	--	--	2649	2649	2649	2649	375.70	88.00		
44+29 TO 54+12	246	983	--	983	983	12	--	246	983	--	983	983	98.30	33.00		
54+12 TO 54+95	21	--	--	83	83	1	--	21	--	--	83	83	8.30	3.00		
54+95 TO 65+03	252	--	1008	1008	1008	16	20	252	--	1008	1008	1008	140.70	34.00		
65+03 TO 85+31	--	2028	2028	2028	1926	35	42	--	2028	2028	2028	1926	339.10	67.00		
85+31 TO 97+53	300	1202	--	1202	1202	15	--	300	1202	--	1202	1202	134.40	41.00		
97+53 TO 108+53.33	275	--	--	1100	1100	18	--	275	--	--	1100	1100	143.30	36.00		
108+53.33 TO 110+55	50	--	--	201	201	3	--	50	--	--	201	201	26.20	7.00		
110+55 TO 112+58	51	--	--	203	203	3	--	51	--	--	203	203	20.30	7.00		
112+58 TO 122+53	249	--	995	995	995	22	--	249	--	995	995	995	183.80	33.00		
122+53 TO 126+84	--	431	431	431	431	7	--	--	431	431	431	431	64.80	14.00		
126+84 TO 137+15	258	1031	--	1031	1031	17	--	258	1031	--	1031	1031	141.80	34.00		
137+15 TO 138+77	41	--	--	162	162	2	--	41	--	--	162	162	16.20	6.00		
138+77 TO 146+76	200	--	799	799	799	16	--	200	--	799	799	799	132.90	27.00		
146+76 TO 207+20	--	6044	6044	5960	5982	106	56	--	6044	6044	5960	5982	953.30	202.00		
207+20 TO 224+70	--	1750	1750	1750	1750	22	--	--	1750	1750	1750	1750	218.00	58.00		
224+70 TO 237+57	--	1272	1272	1272	1272	27	--	--	1272	1272	1272	1272	128.70	43.00		
237+57 TO 250+39	322	1286	--	1286	1286	23	--	322	1286	--	1286	1286	128.20	43.00		
250+39 TO 251+95.83	40	--	--	94	57	2	--	40	--	--	94	57	15.70	5.00		
SUBTOTALS	2748	36745		49666		416	118	2748	36745		49666					
TOTALS		89159				534			89159				3484.00	840.00		

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AMES ROAD RESURFACING
EARTHWORK, EROSION AND
PAVEMENT MARKING SCHEDULE
SEC 16-00051-02-RS
MONROE COUNTY, ILLINOIS

AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS

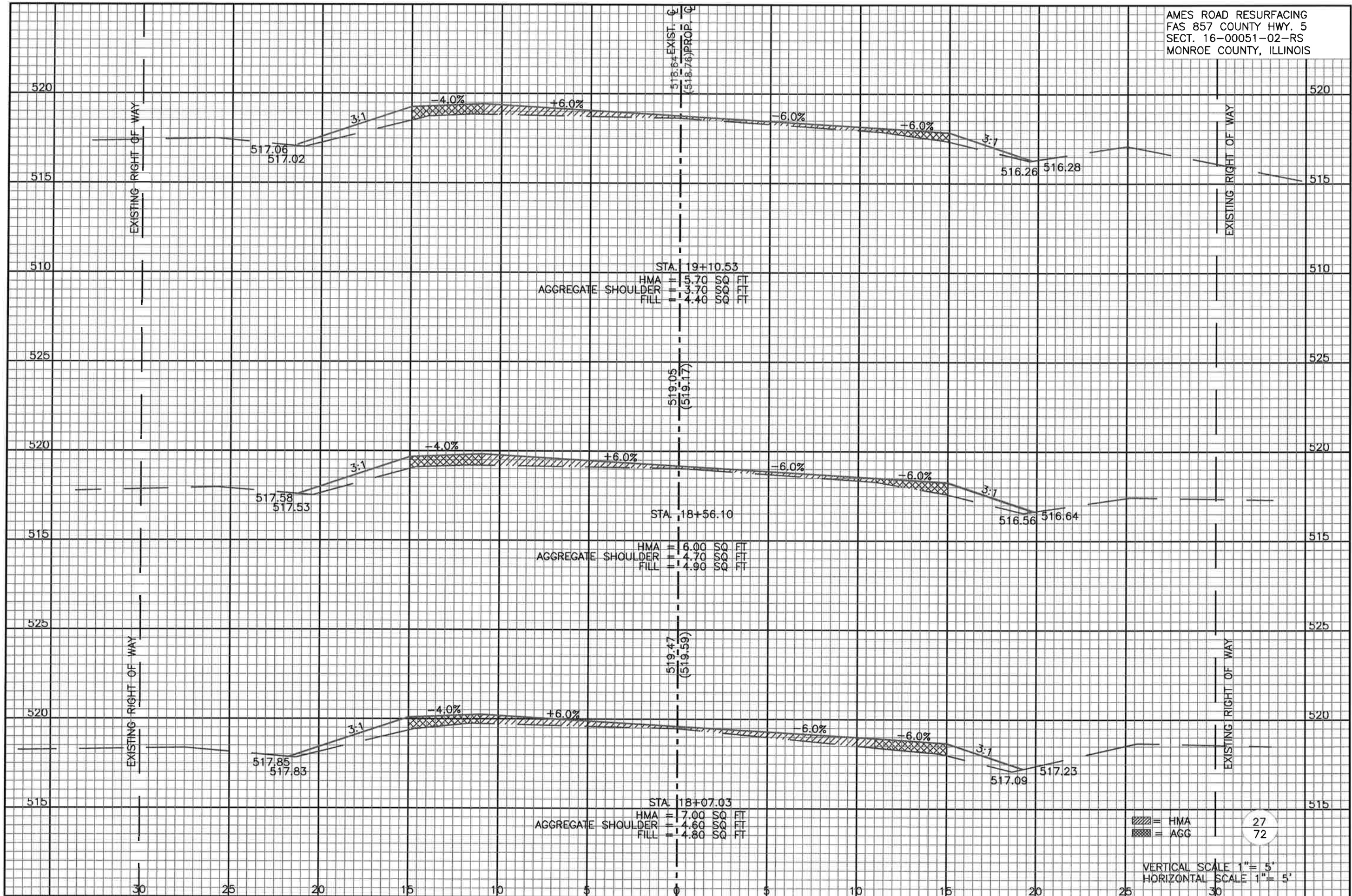


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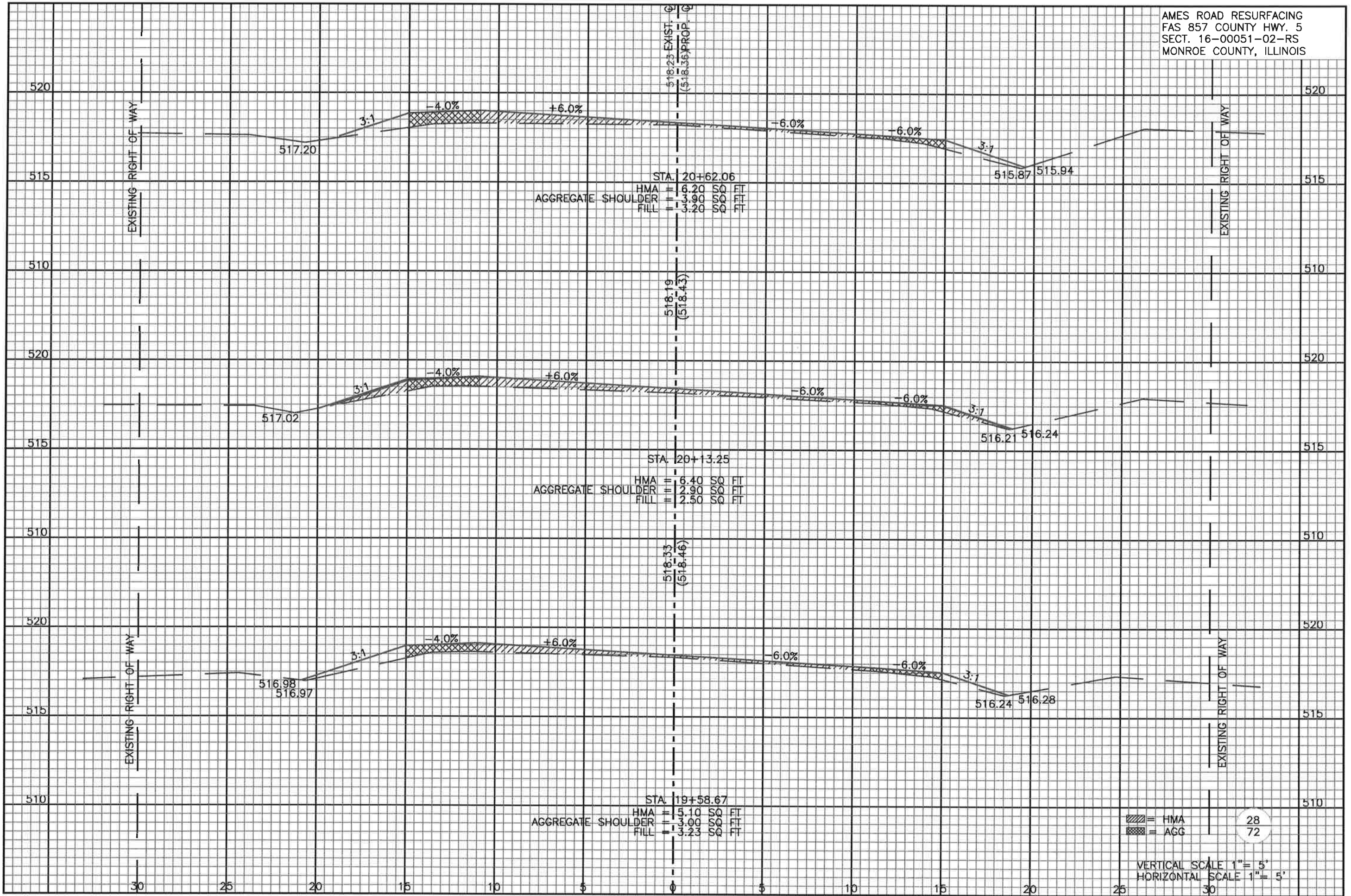
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VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS



AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS

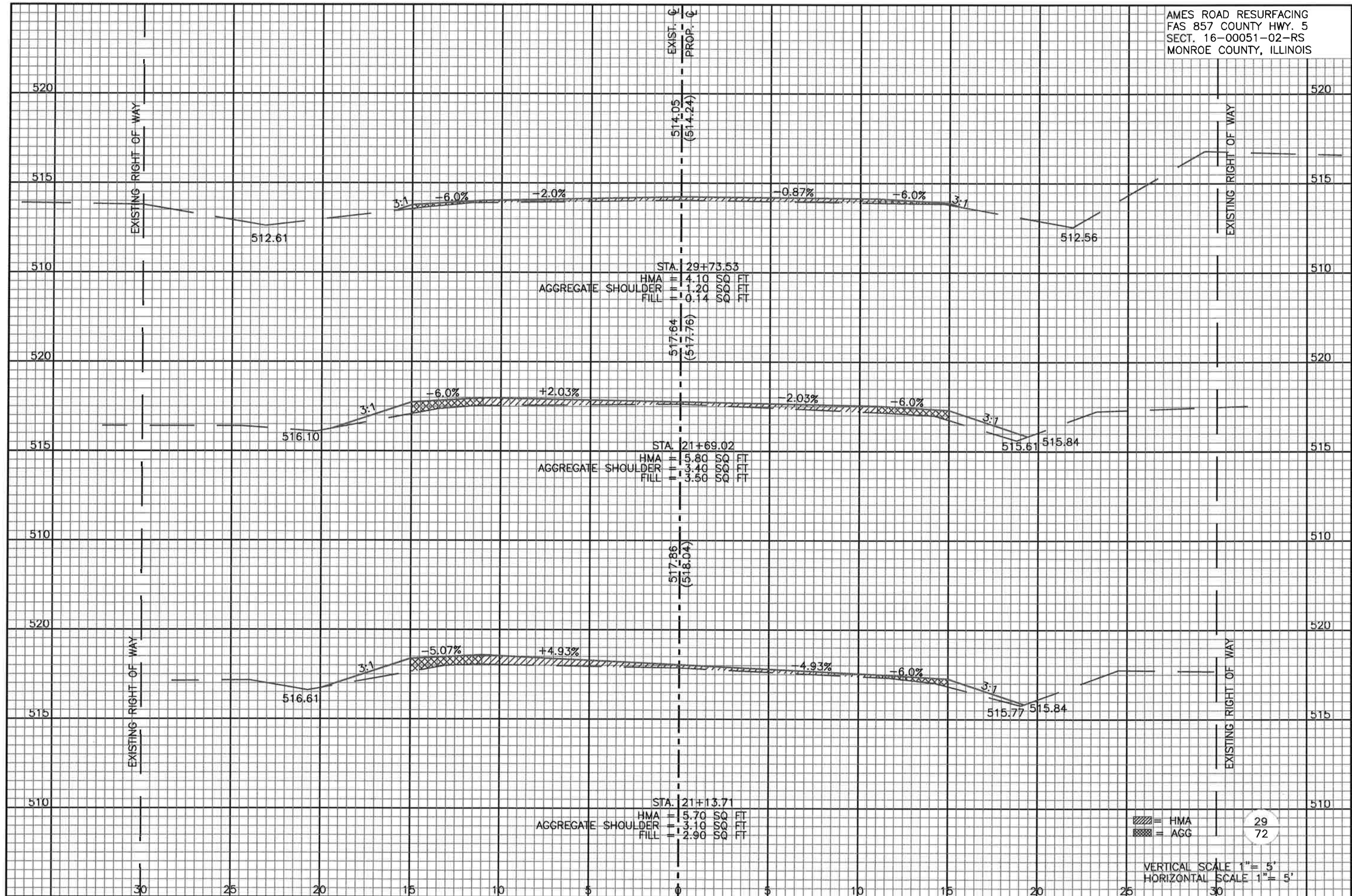


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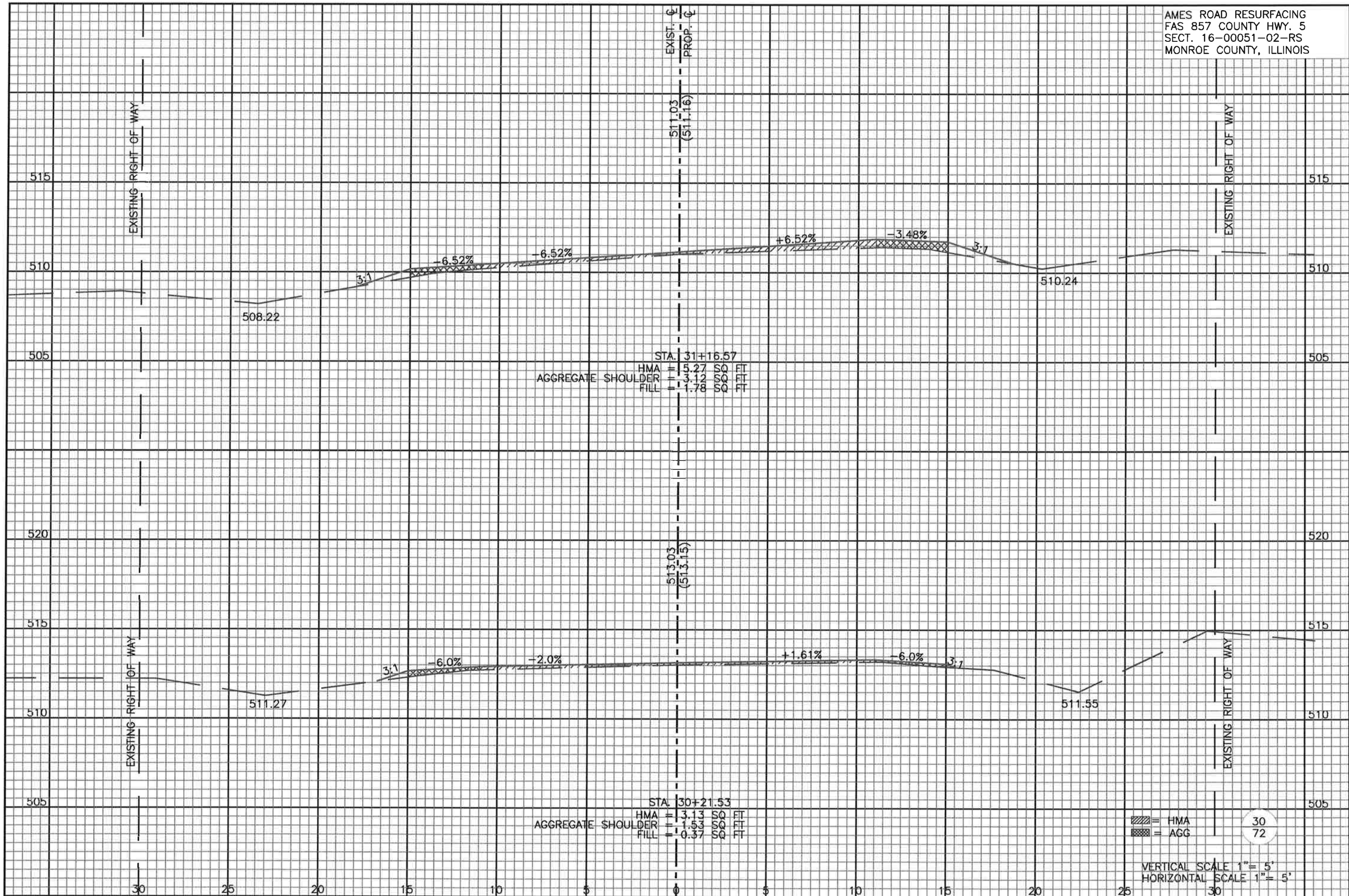
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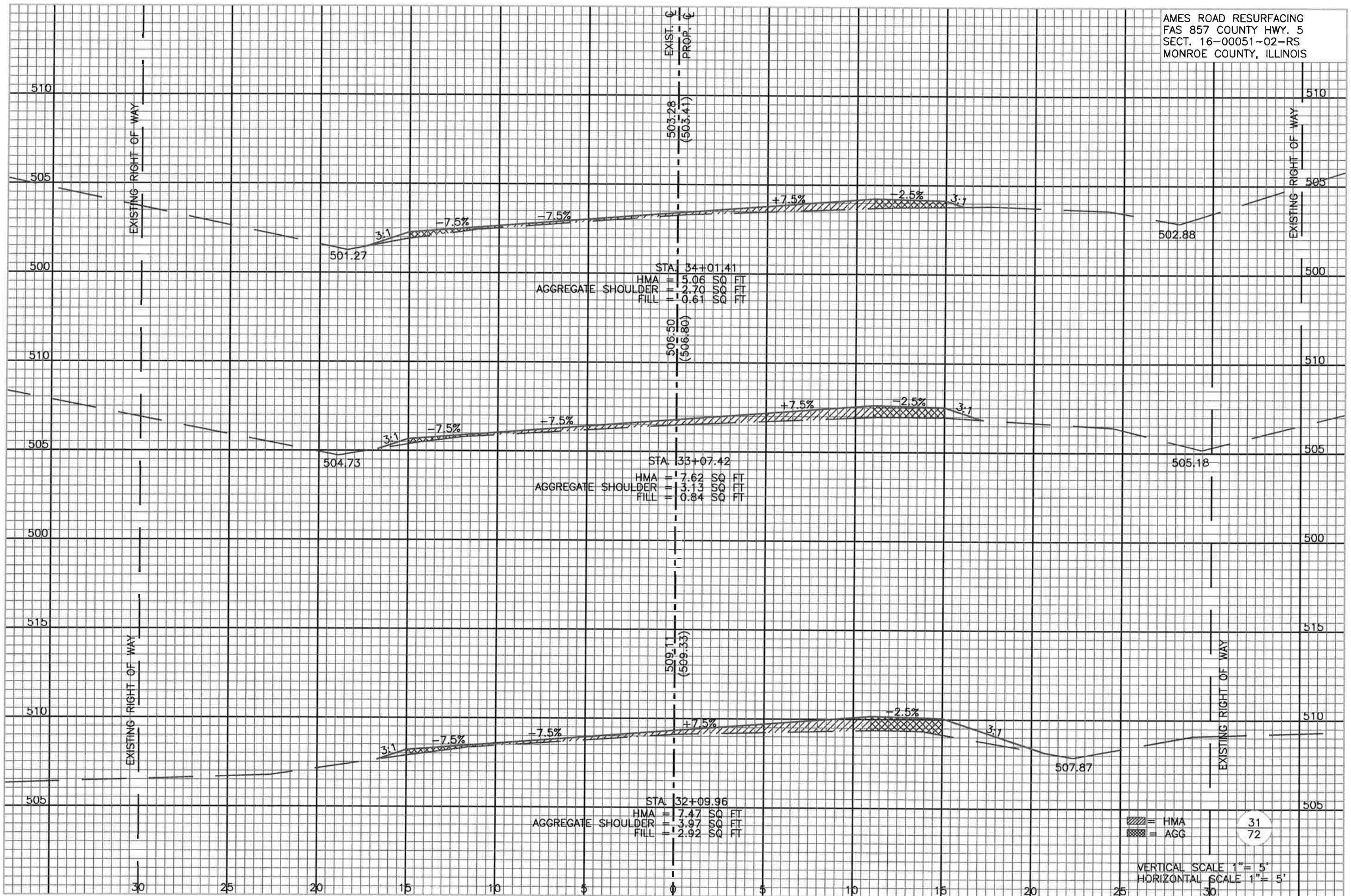
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 MONROE COUNTY, ILLINOIS



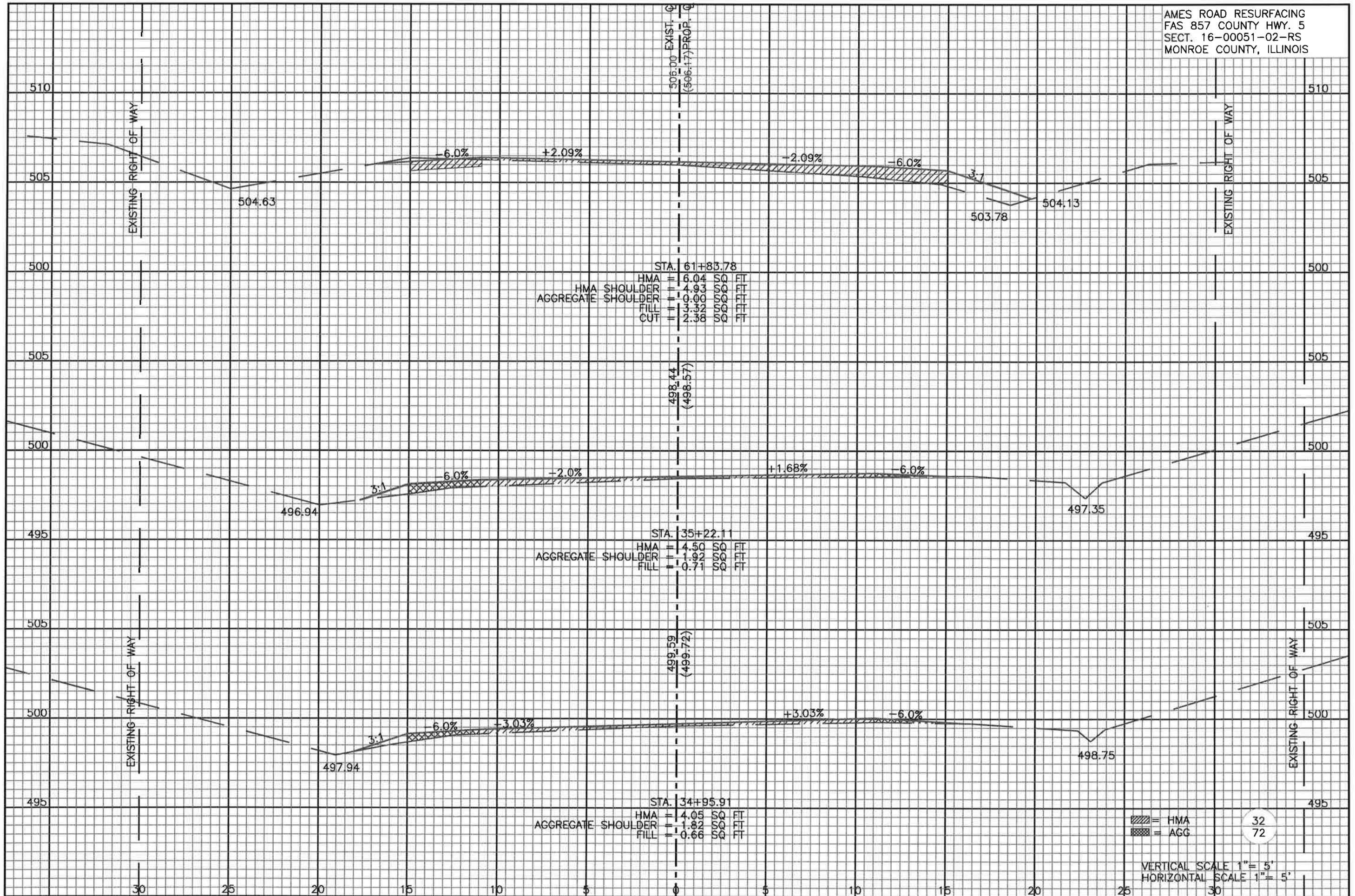
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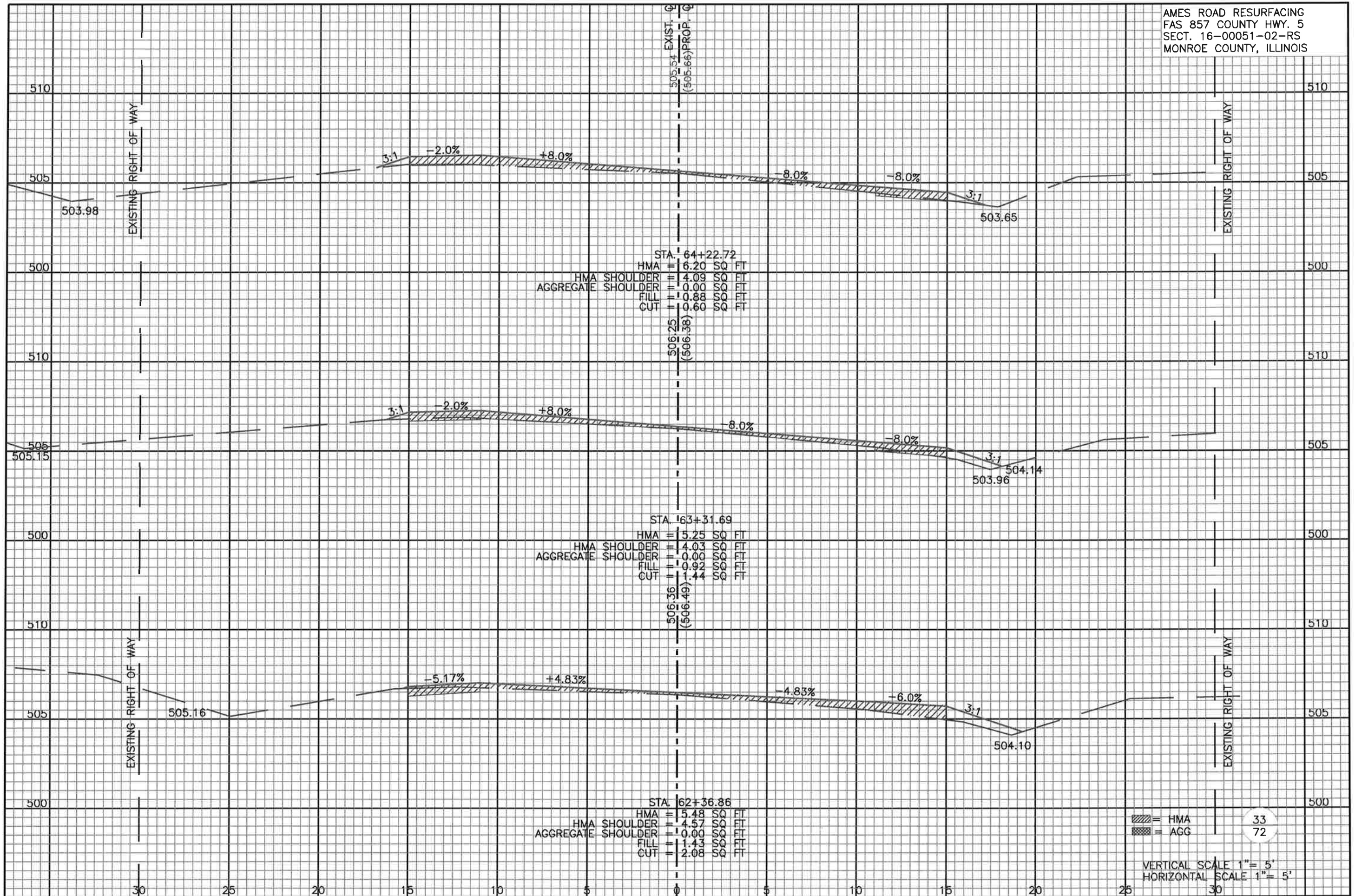
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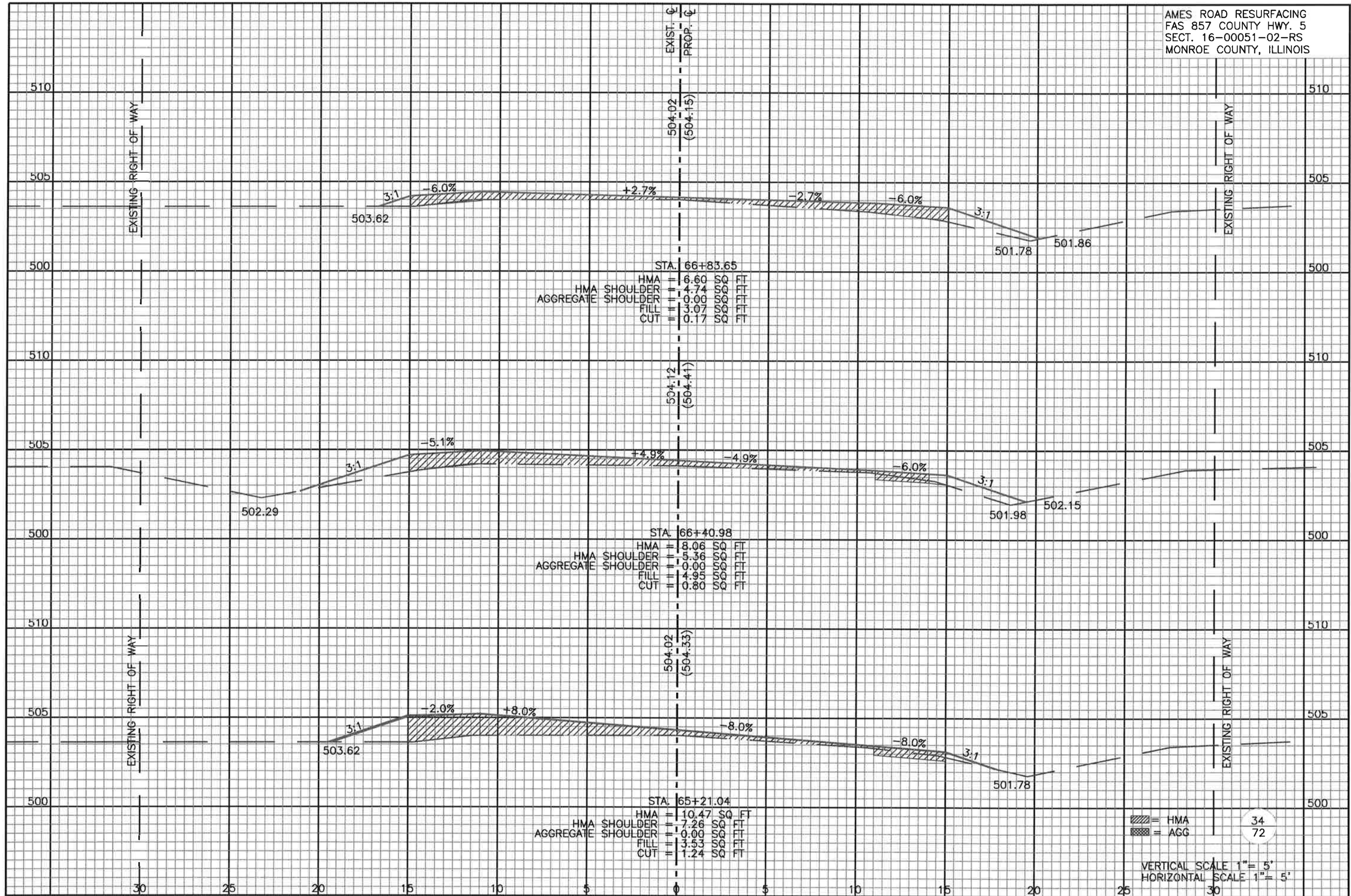
AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
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 MONROE COUNTY, ILLINOIS



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 MONROE COUNTY, ILLINOIS

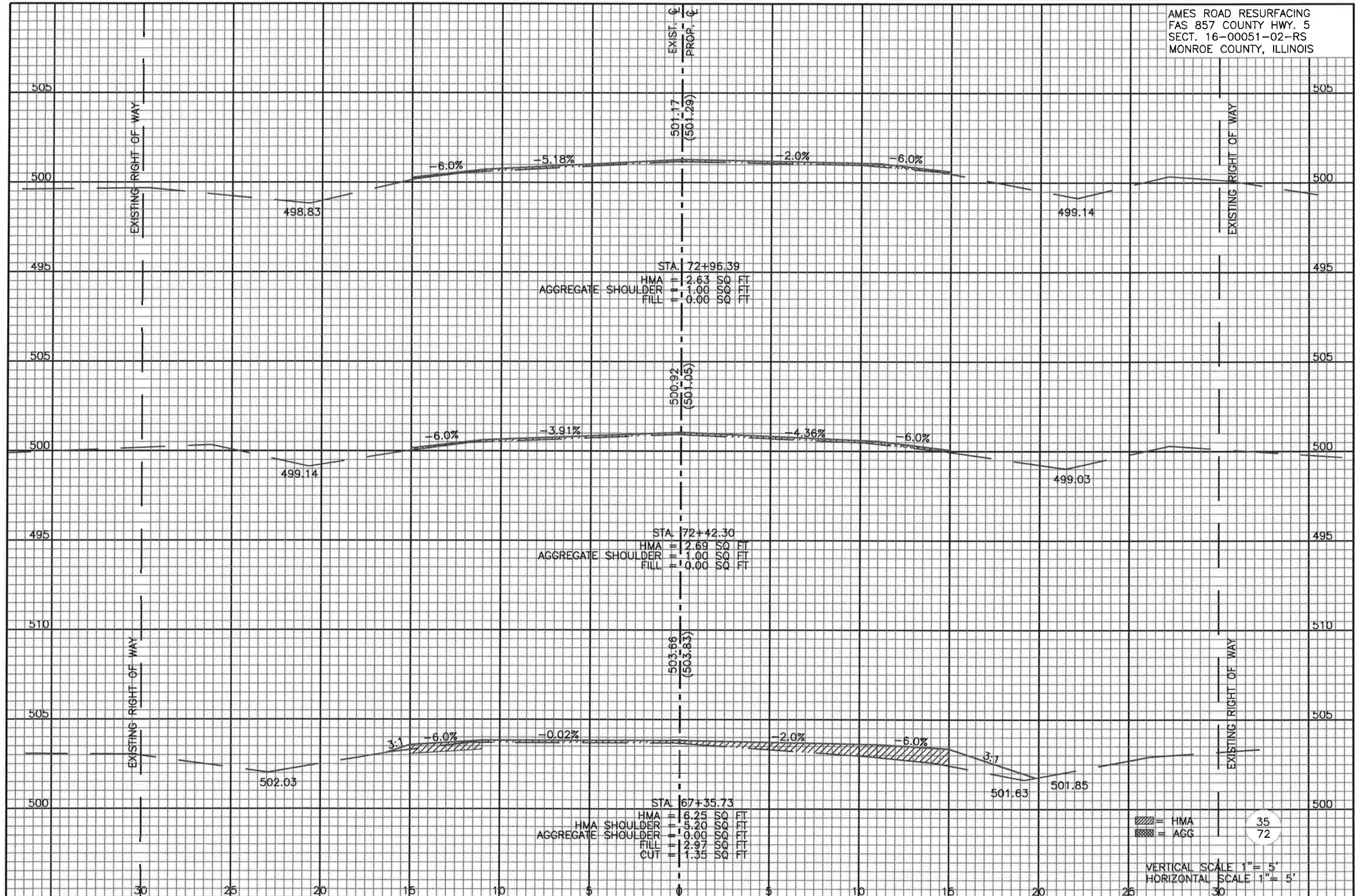


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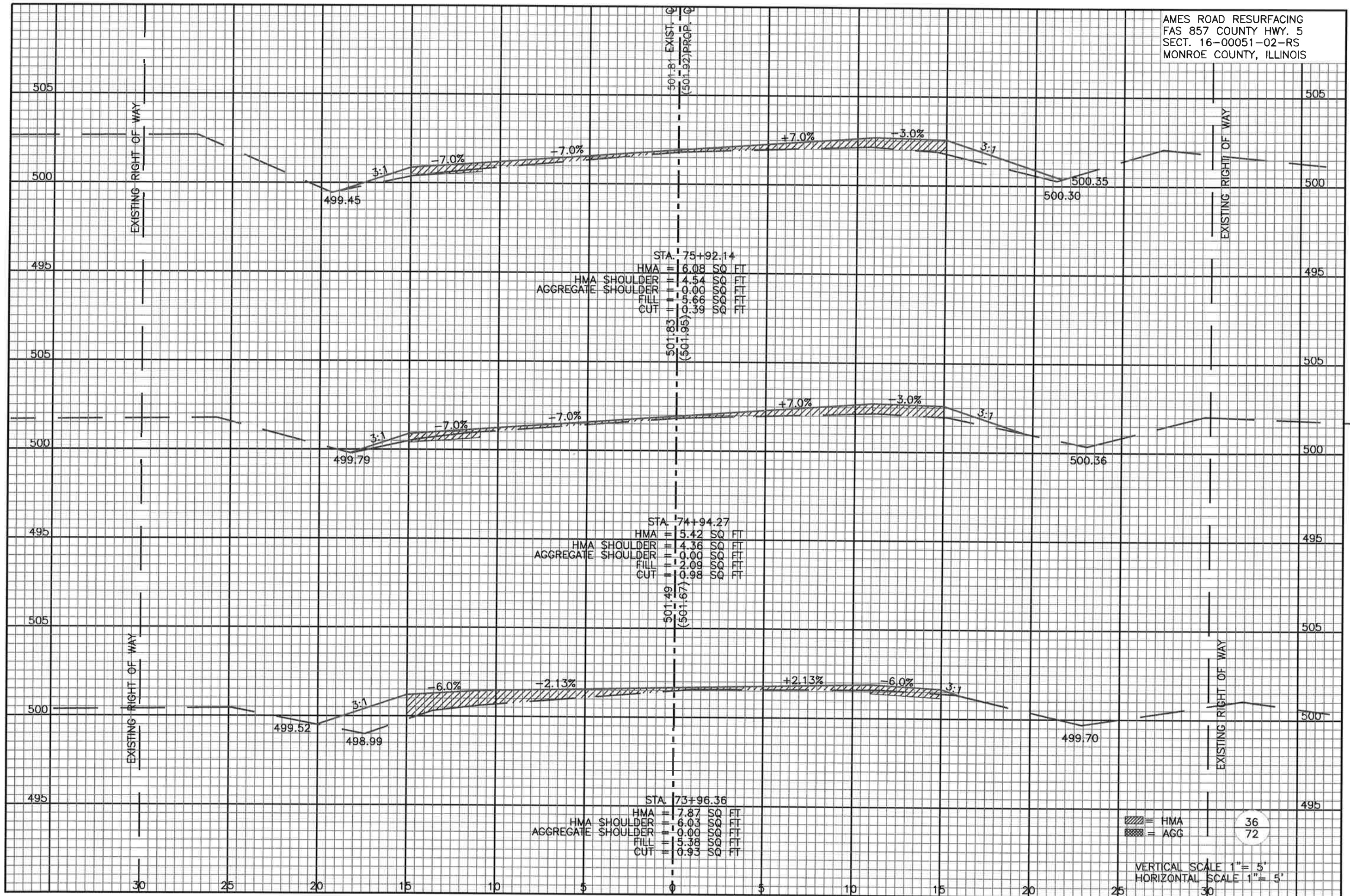
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VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS



AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS



STA. 75+92.14
 HMA = 6.08 SQ FT
 HMA SHOULDER = 1.54 SQ FT
 AGGREGATE SHOULDER = 0.00 SQ FT
 FILL = 5.66 SQ FT
 CUT = 0.39 SQ FT

STA. 74+94.27
 HMA = 5.42 SQ FT
 HMA SHOULDER = 4.36 SQ FT
 AGGREGATE SHOULDER = 0.00 SQ FT
 FILL = 2.09 SQ FT
 CUT = 0.98 SQ FT

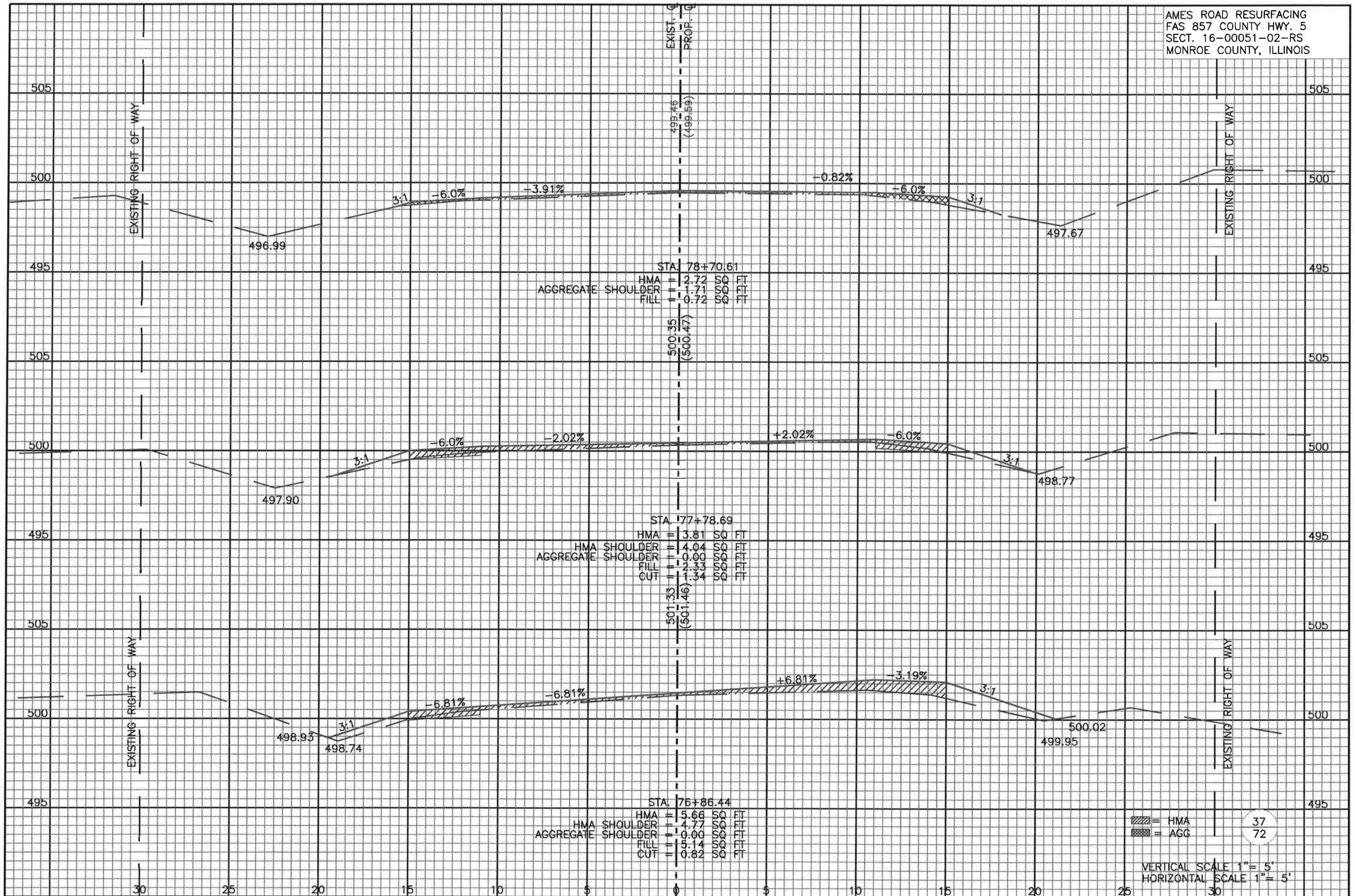
STA. 73+96.36
 HMA = 7.87 SQ FT
 HMA SHOULDER = 6.03 SQ FT
 AGGREGATE SHOULDER = 0.00 SQ FT
 FILL = 5.38 SQ FT
 CUT = 0.93 SQ FT

▨ = HMA
 ▩ = AGG

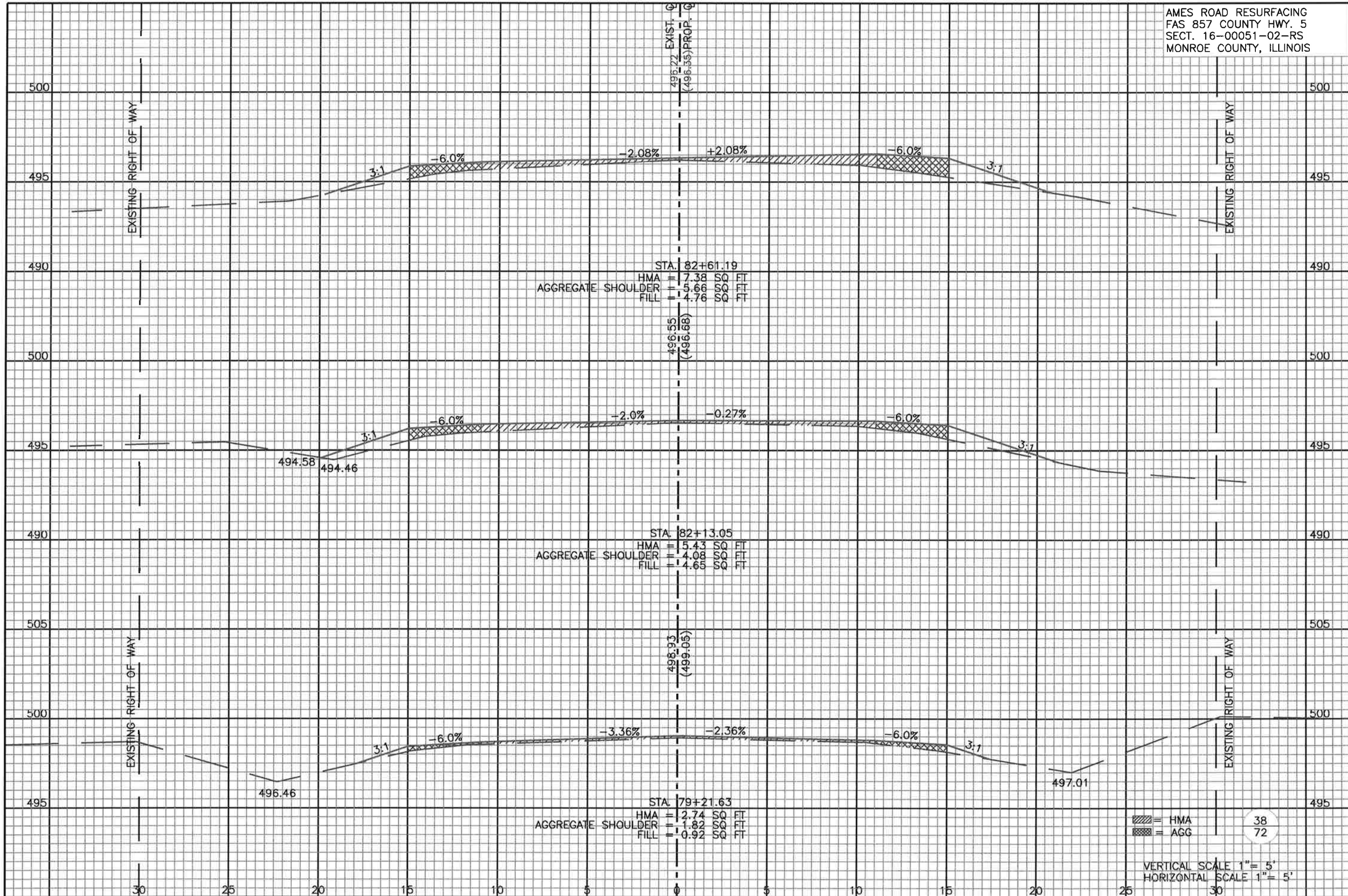
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VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS



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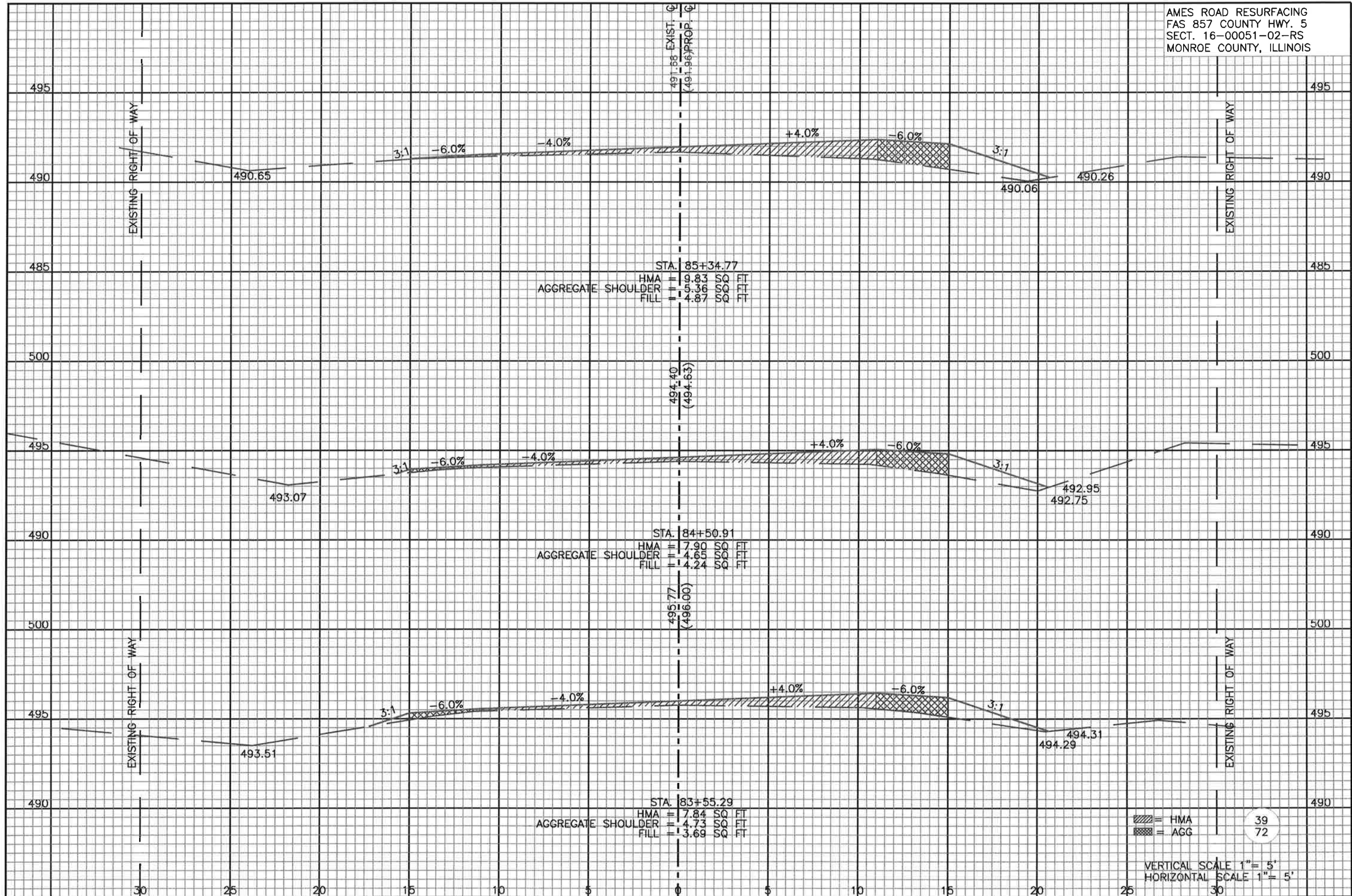


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38
72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS

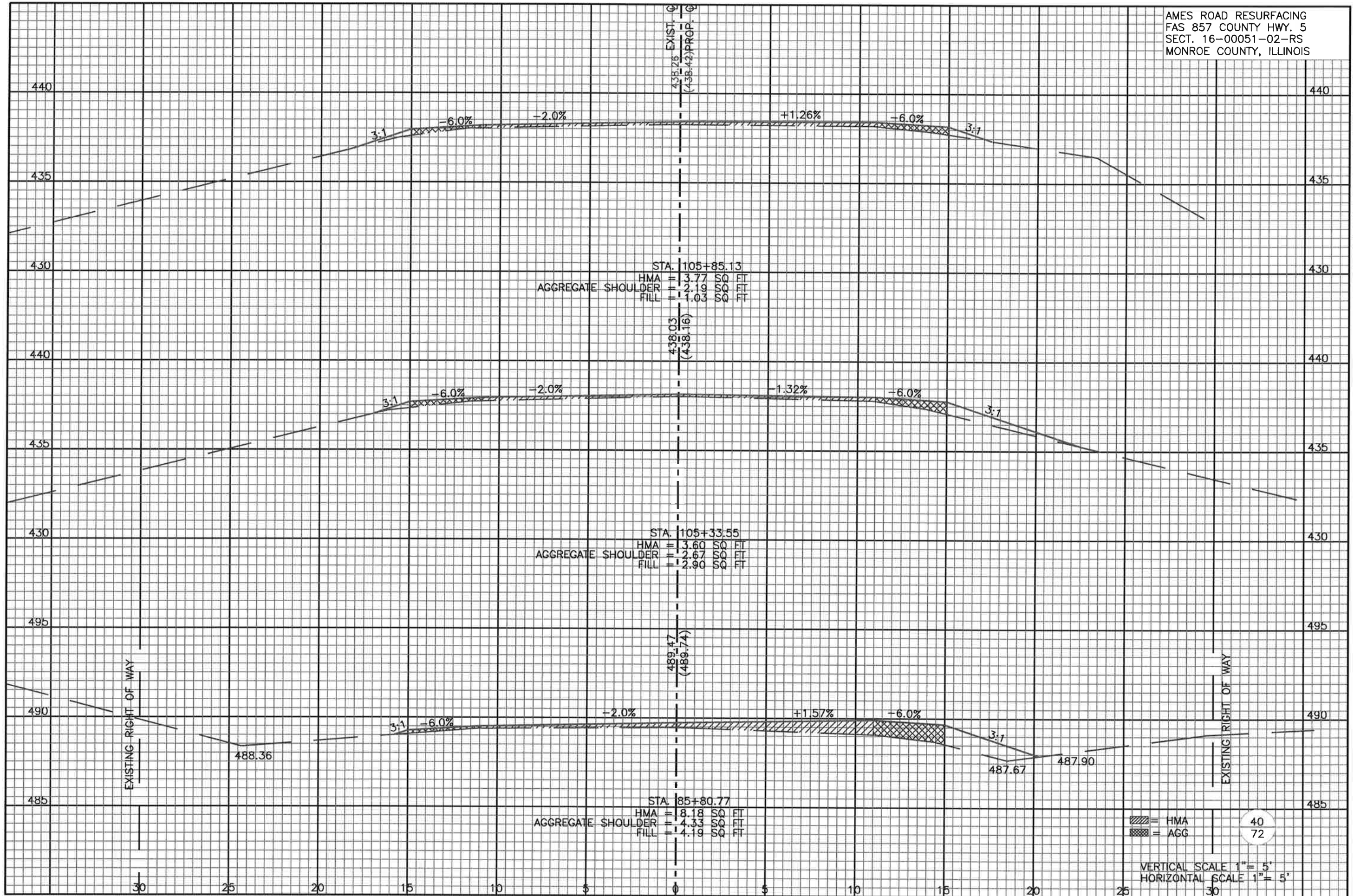


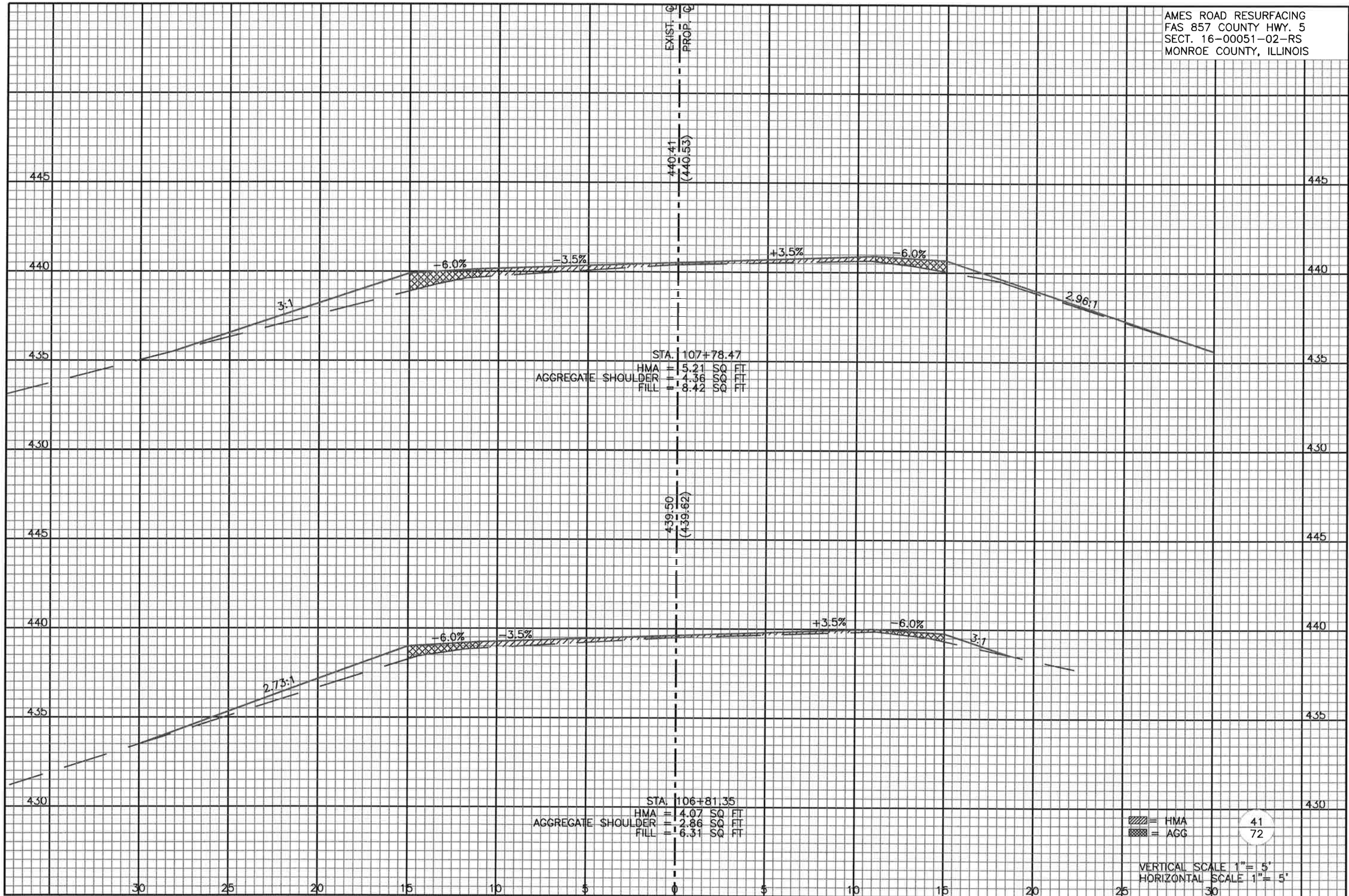
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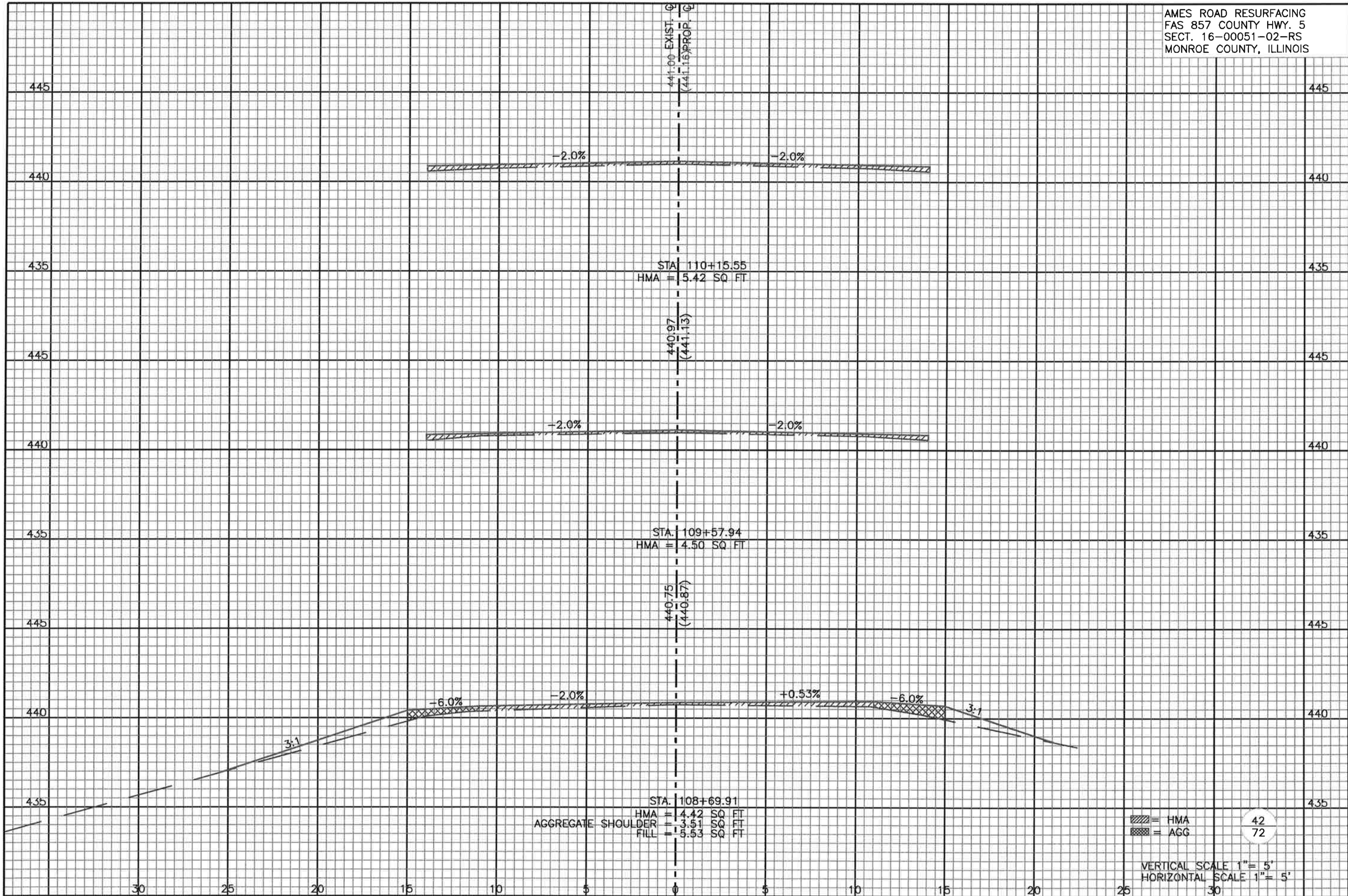
39
72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

AMES ROAD RESURFACING
 FAS 857 COUNTY HWY. 5
 SECT. 16-00051-02-RS
 MONROE COUNTY, ILLINOIS





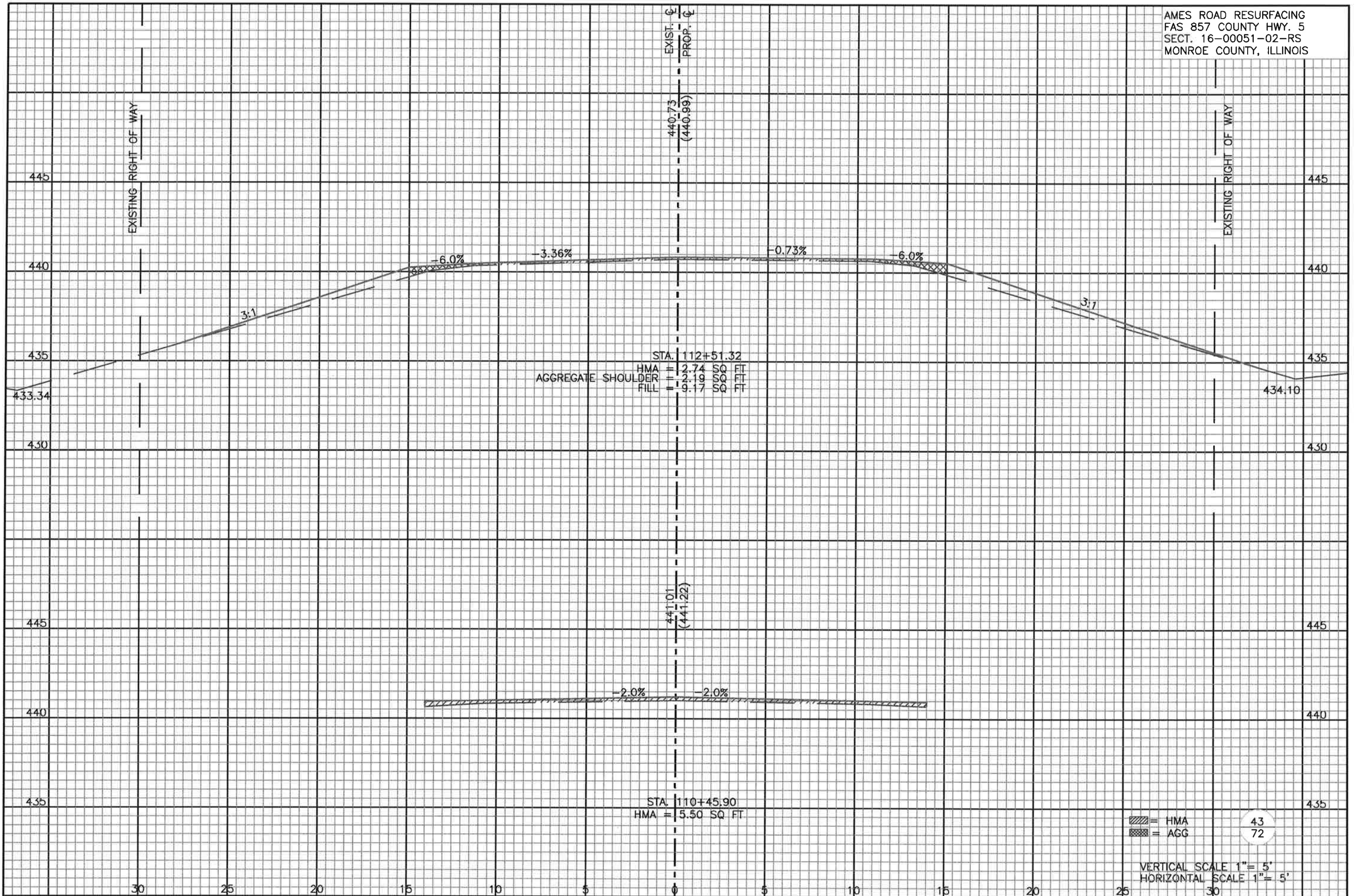


= HMA
 = AGG

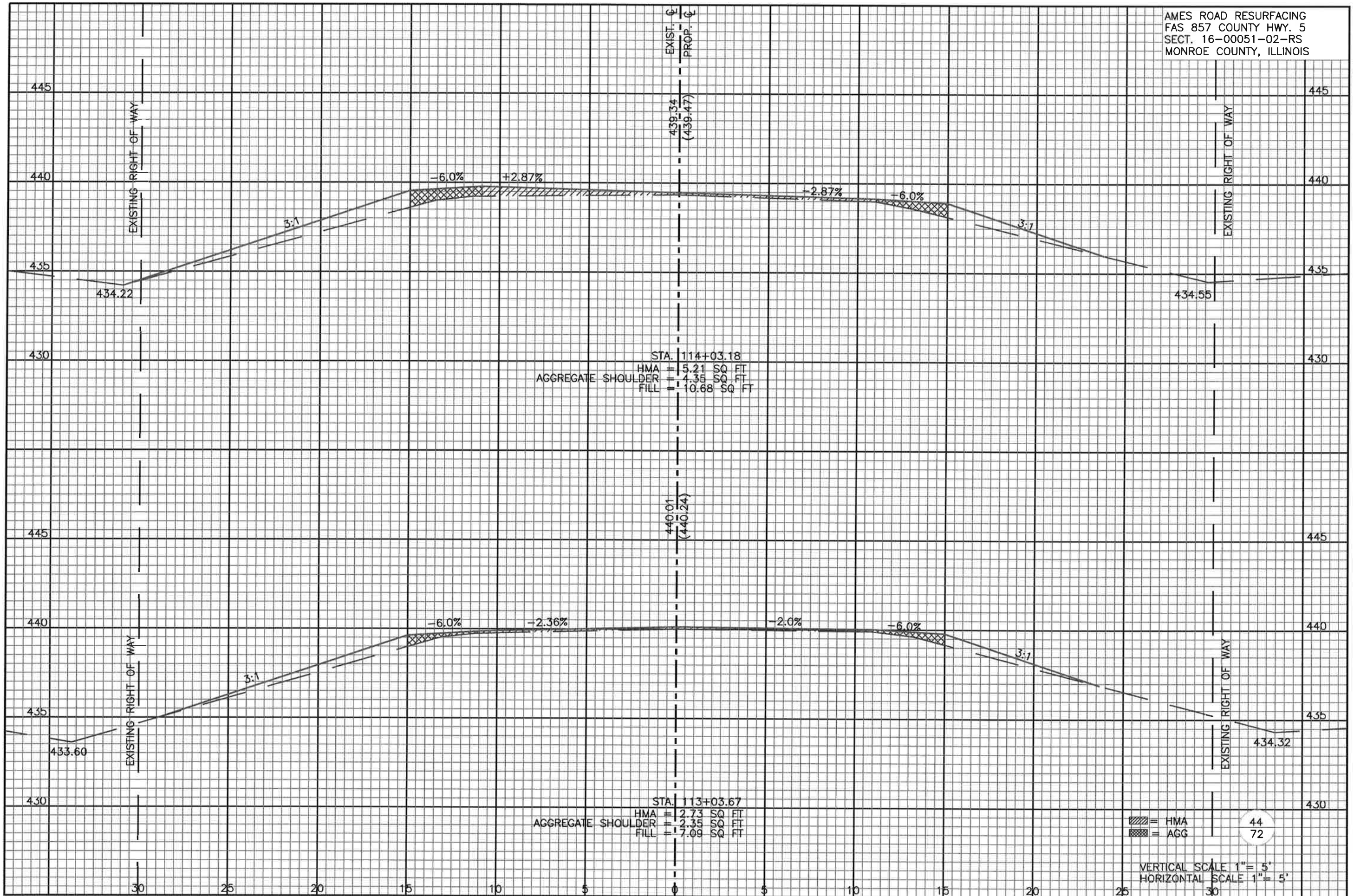
42
72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

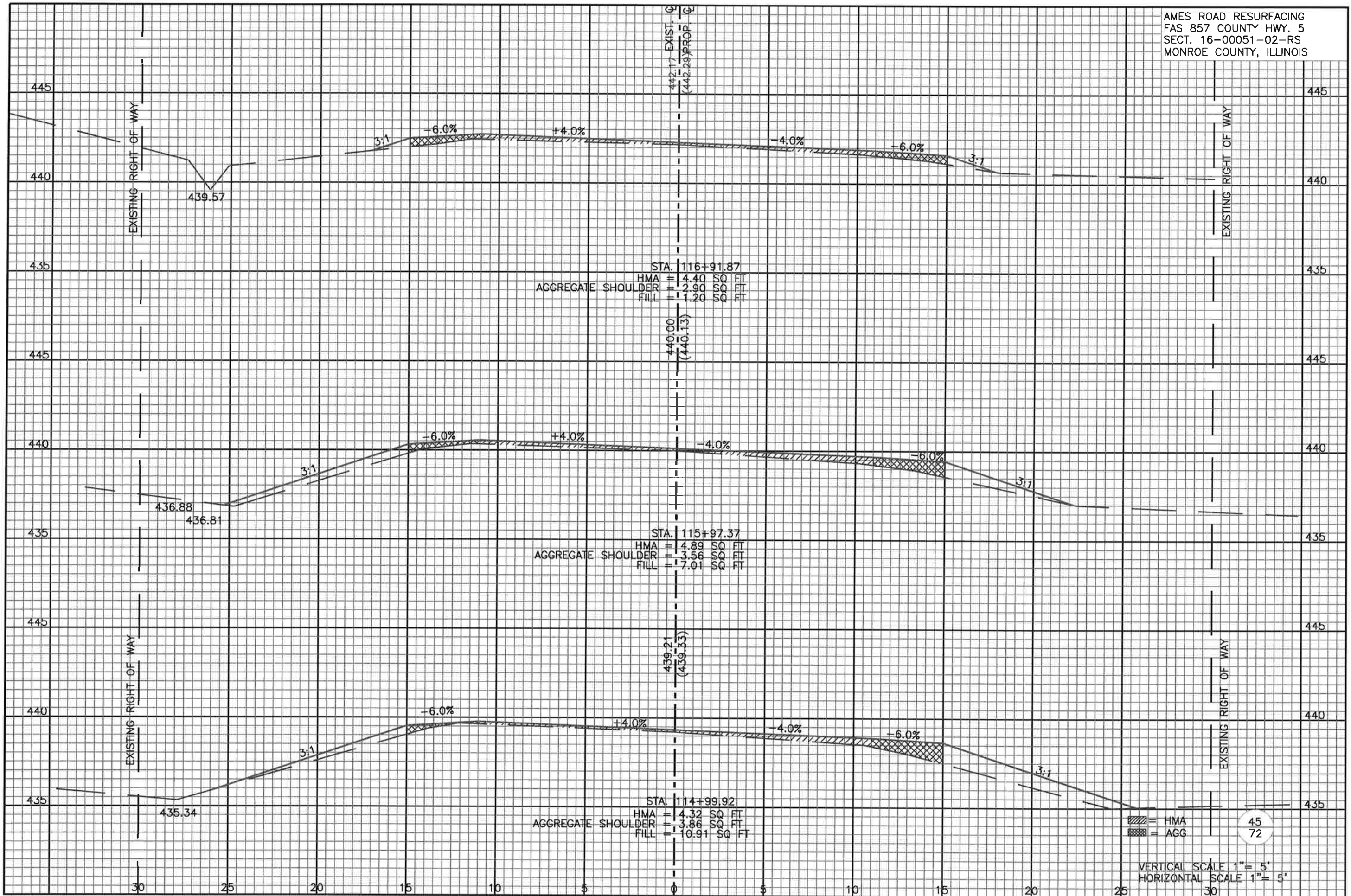
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STA. 1116+91.87
 HMA = 4.40 SQ. FT.
 AGGREGATE SHOULDER = 2.90 SQ. FT.
 FILL = 1.20 SQ. FT.

STA. 1115+97.37
 HMA = 4.89 SQ. FT.
 AGGREGATE SHOULDER = 3.56 SQ. FT.
 FILL = 7.01 SQ. FT.

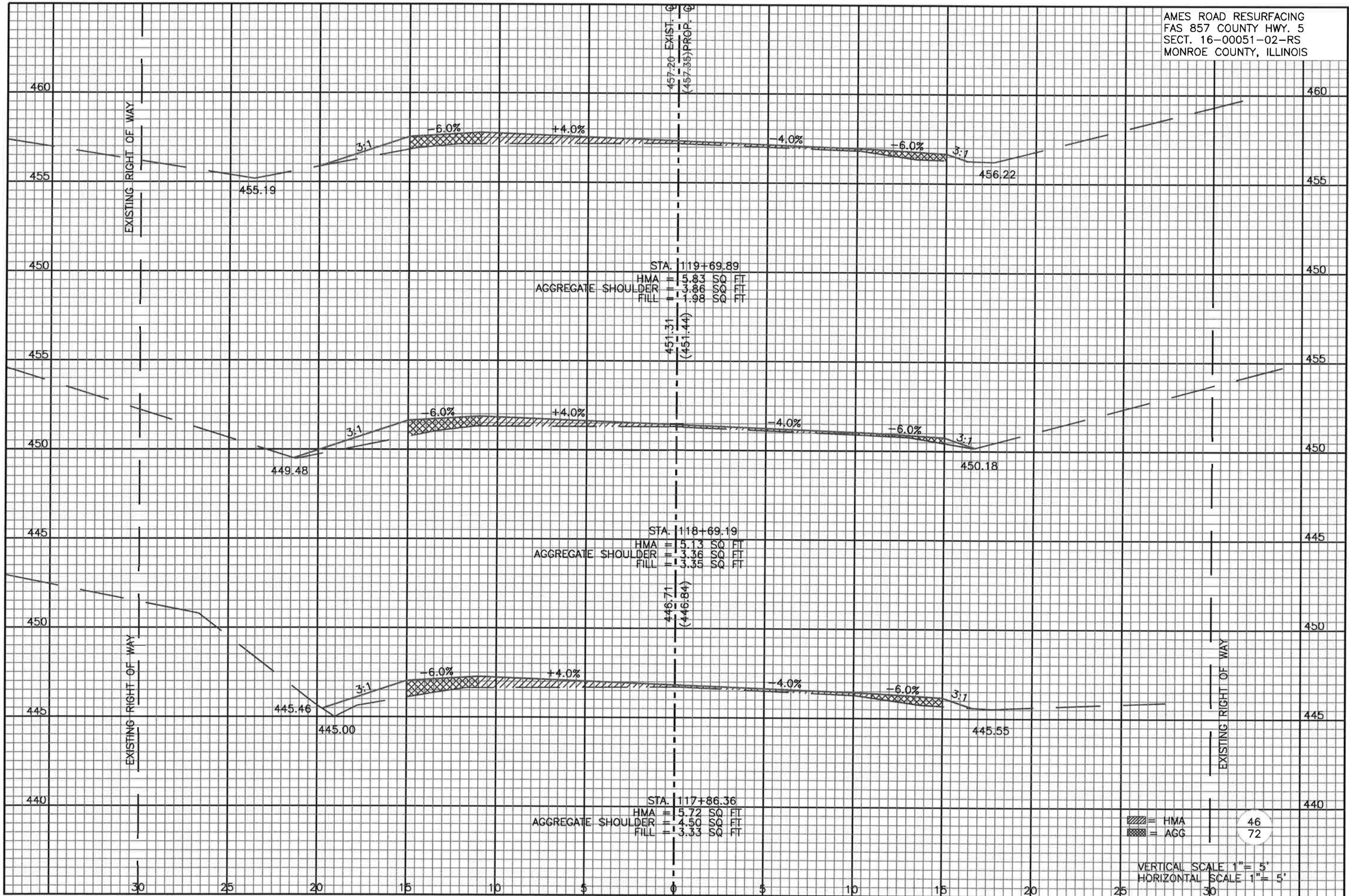
STA. 1114+99.92
 HMA = 4.32 SQ. FT.
 AGGREGATE SHOULDER = 3.86 SQ. FT.
 FILL = 10.91 SQ. FT.

▨ = HMA
 ▩ = AGG

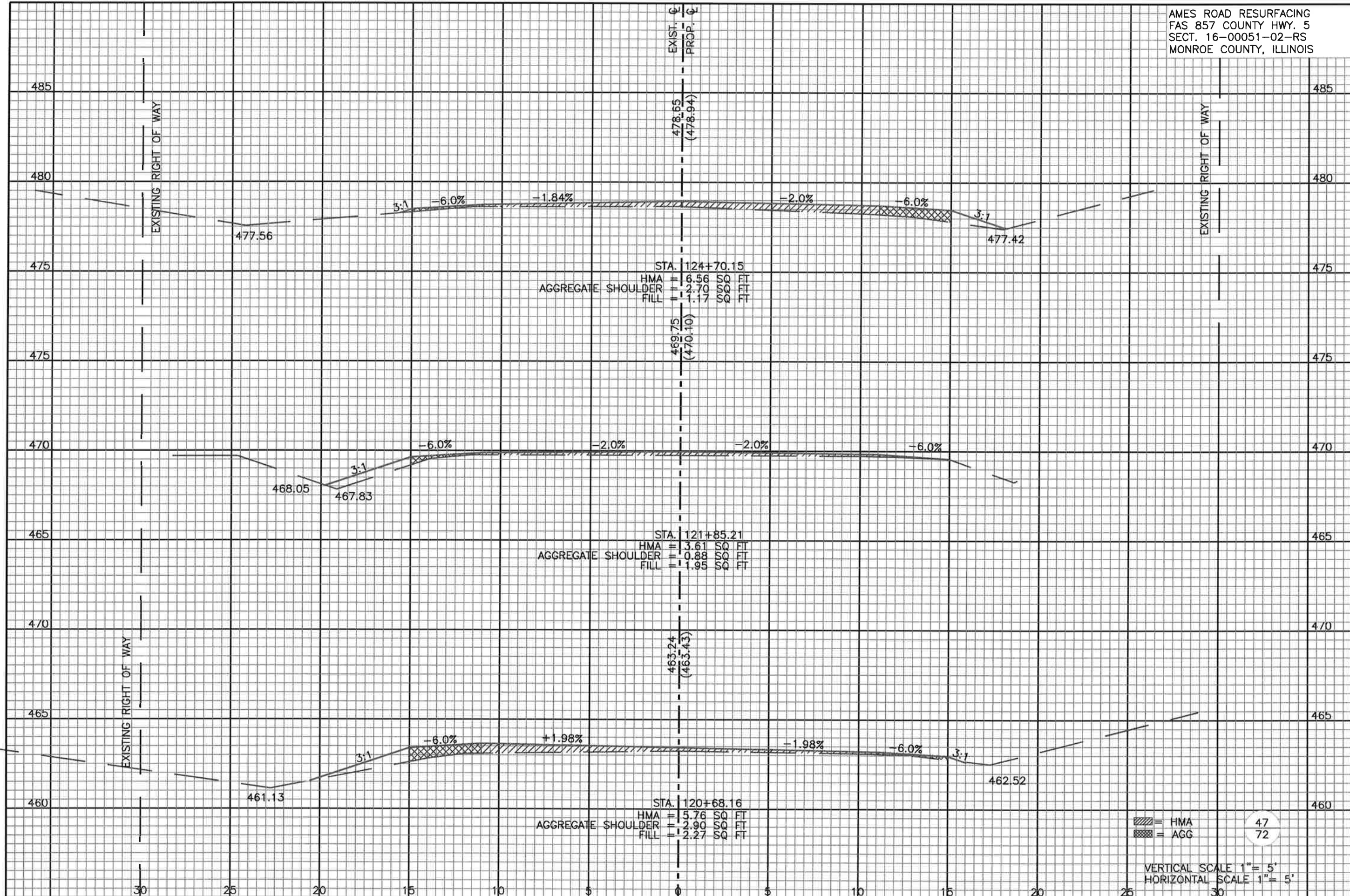
45
 72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

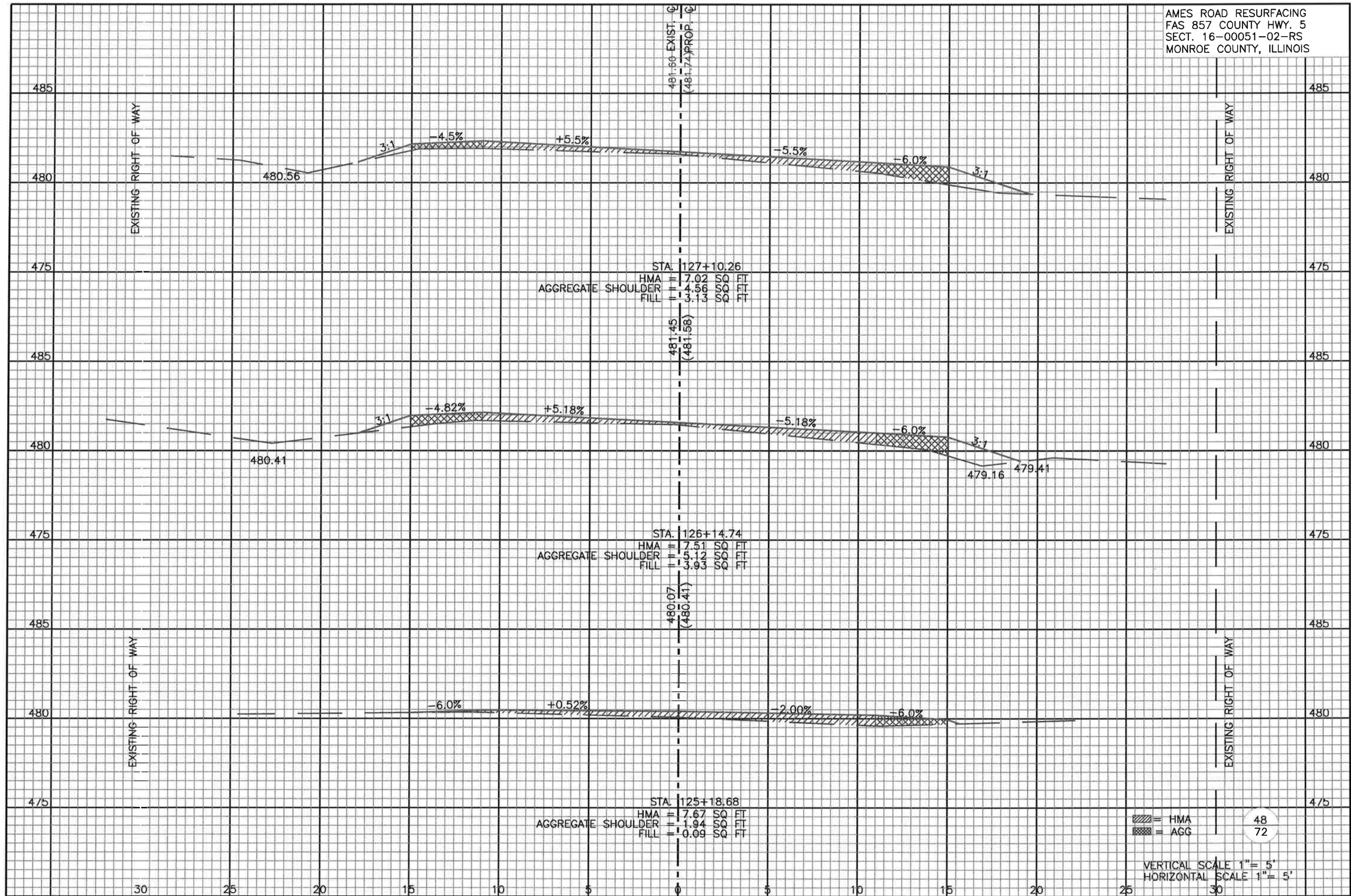
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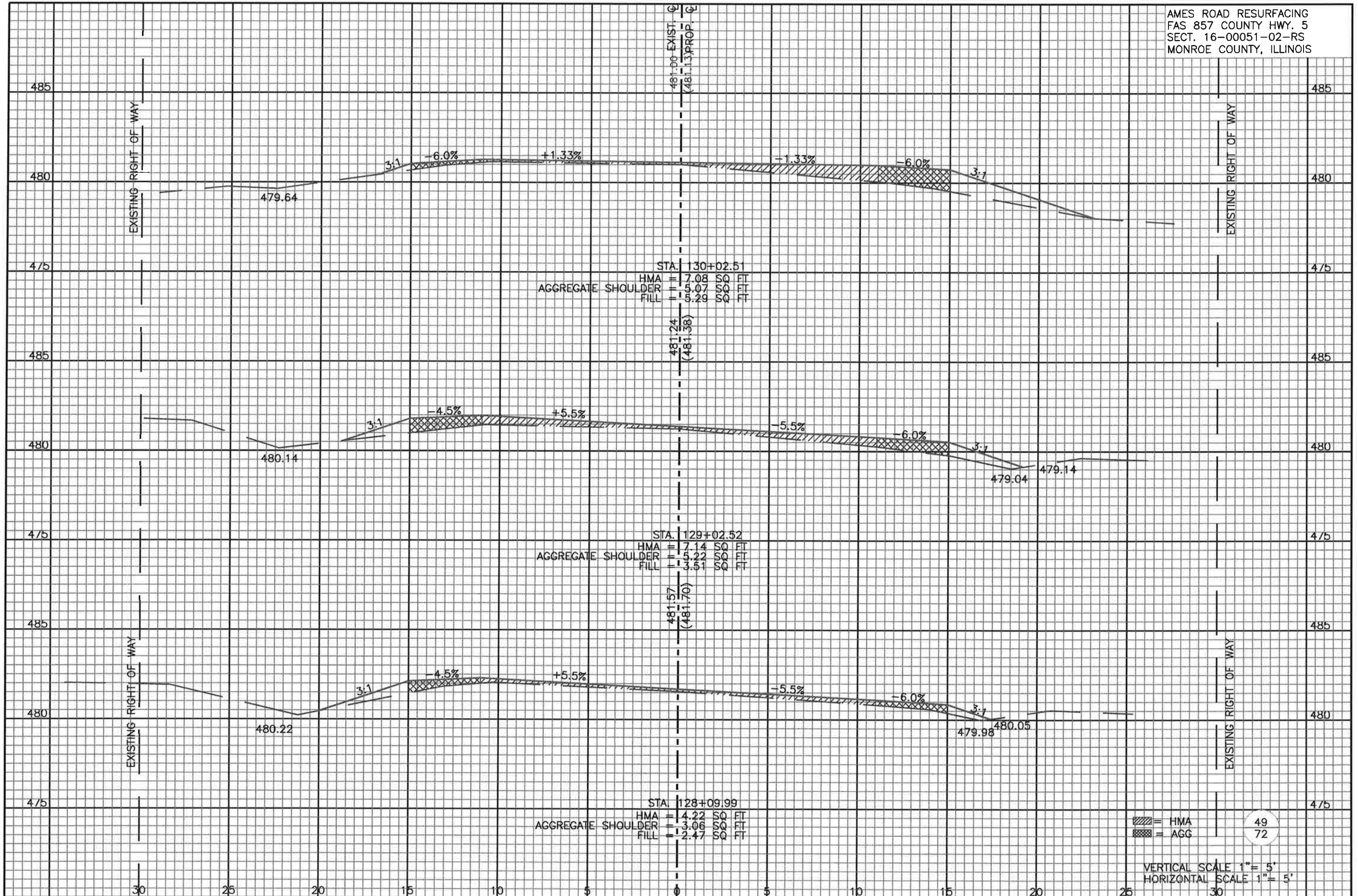


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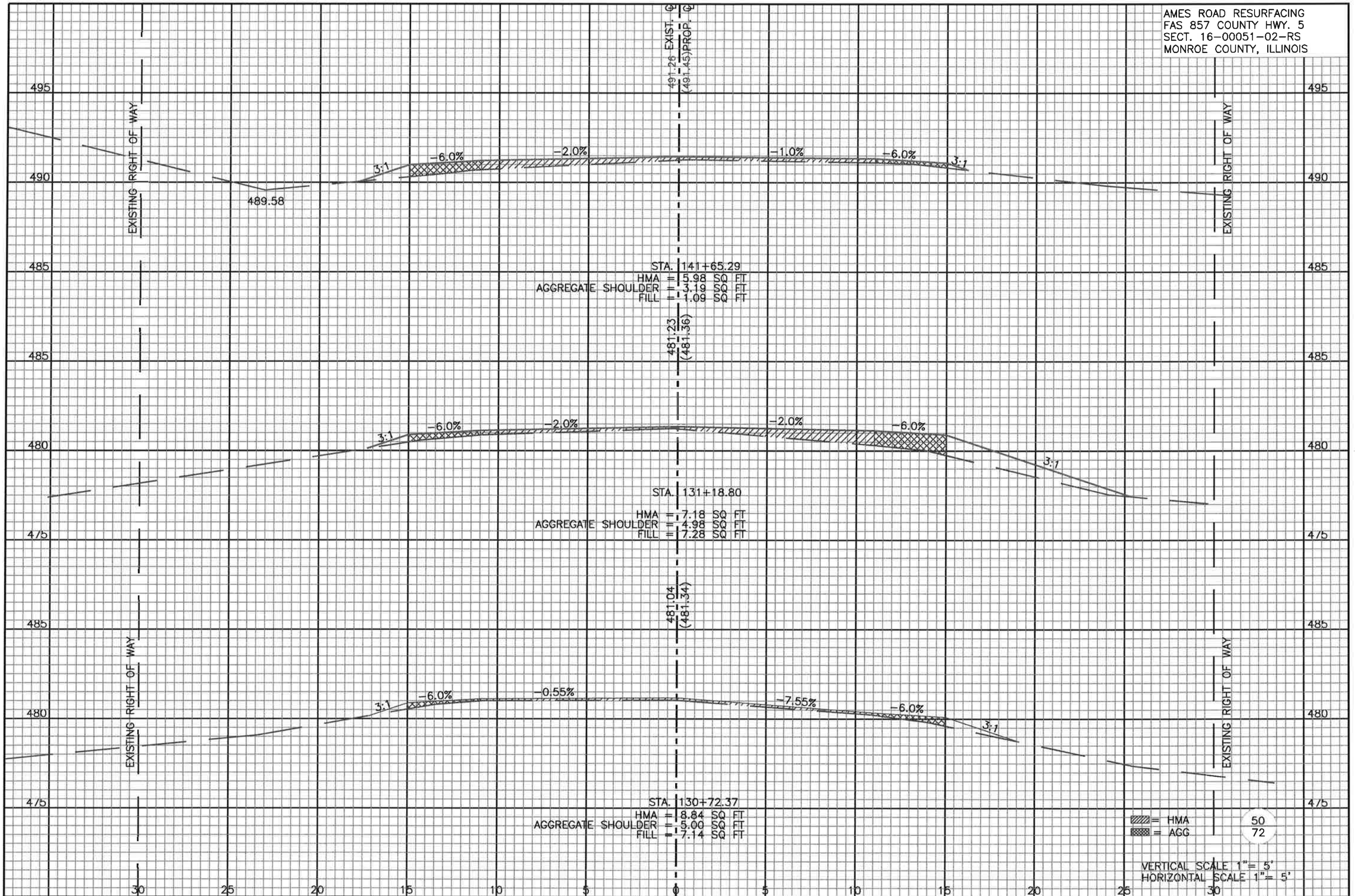


= HMA
 = AGG

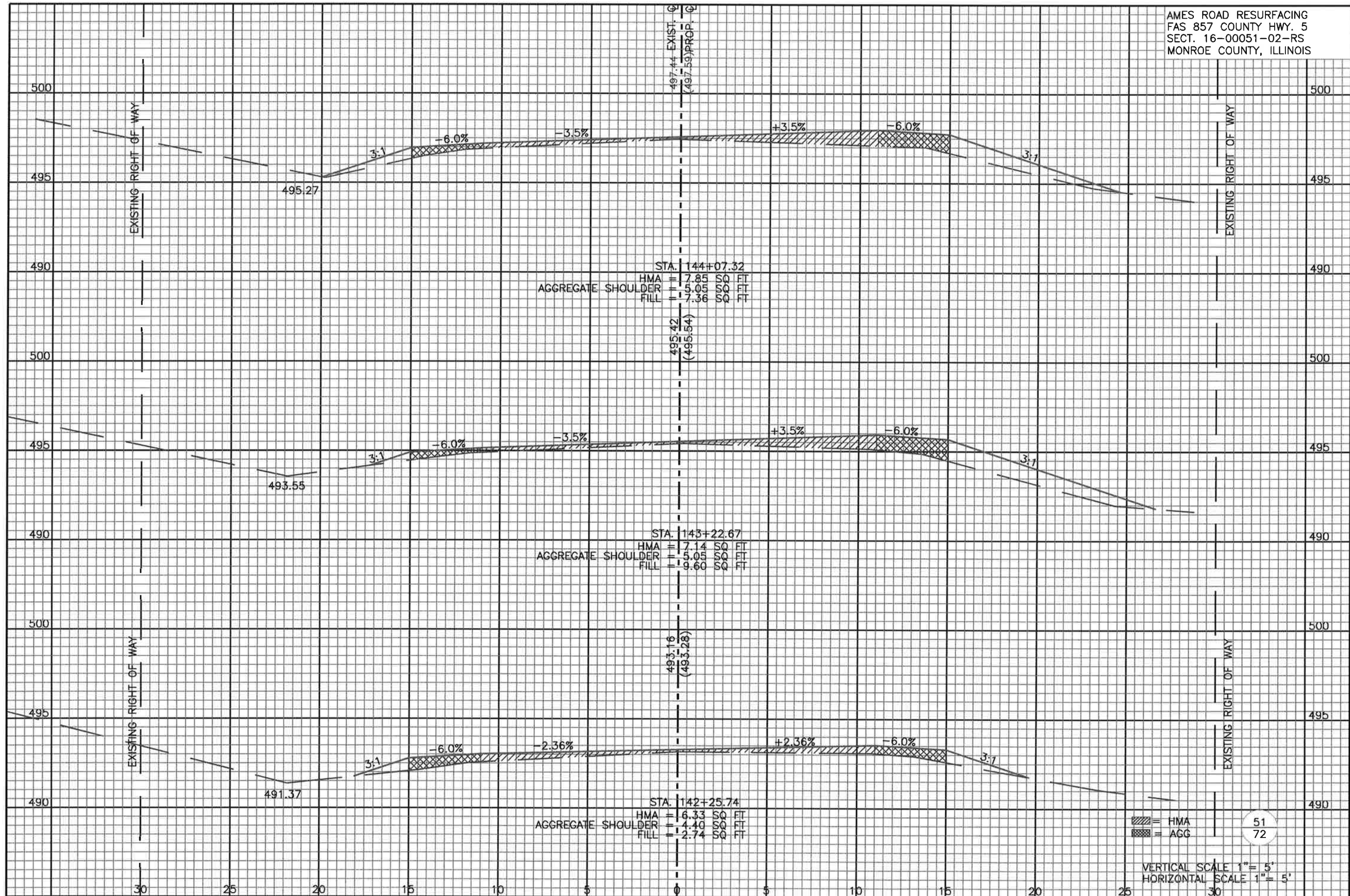
49
72

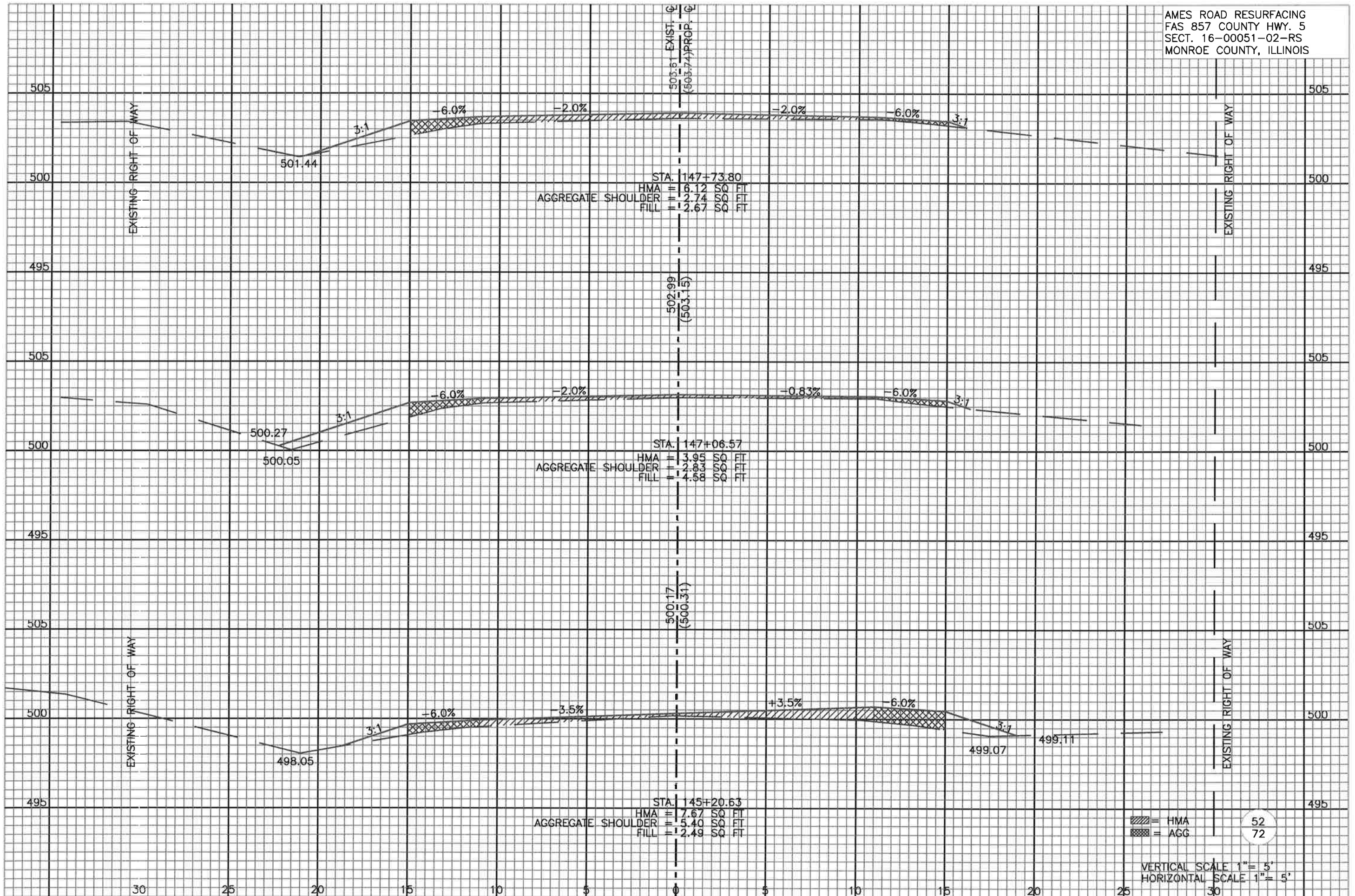
VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

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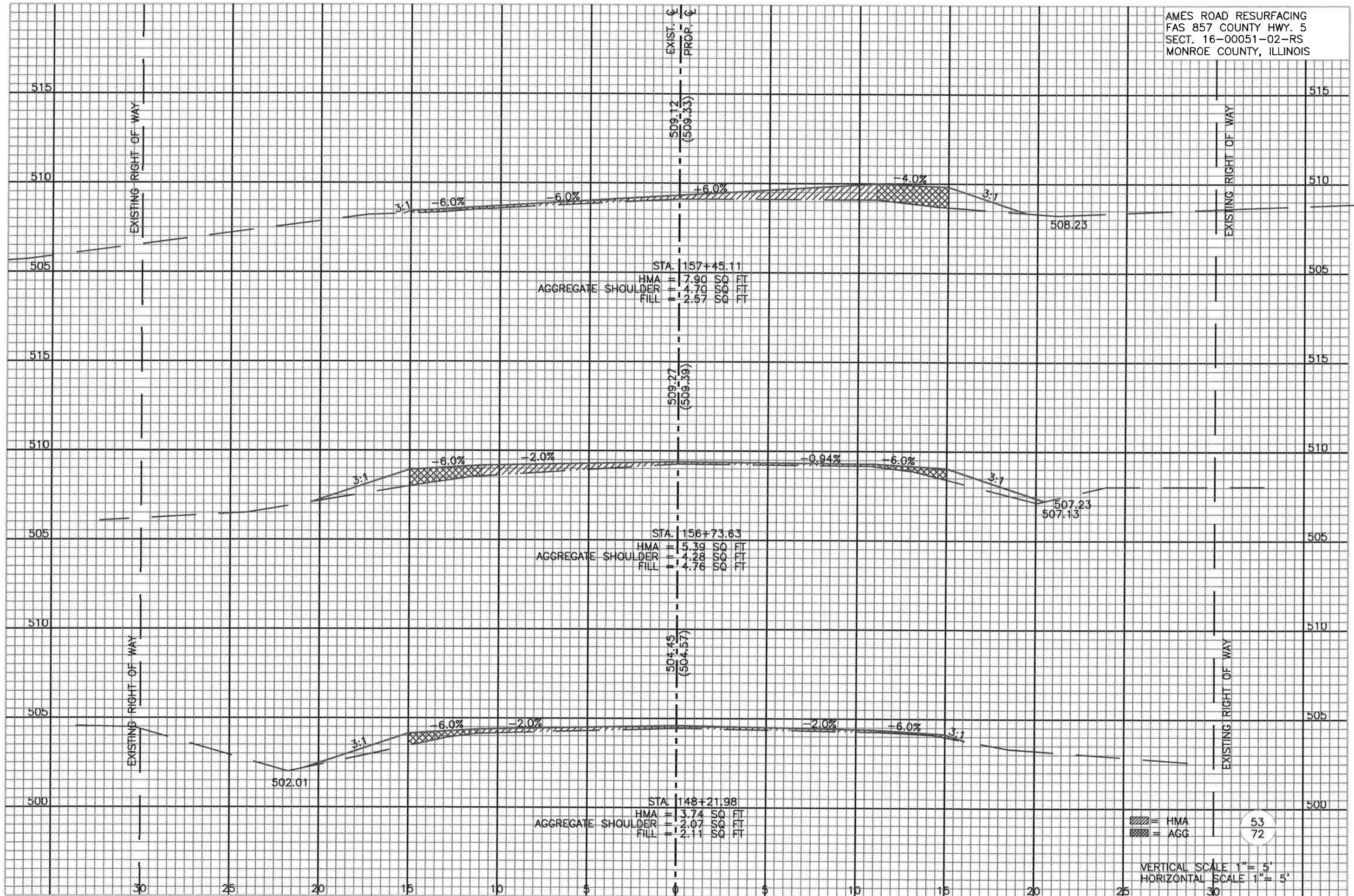
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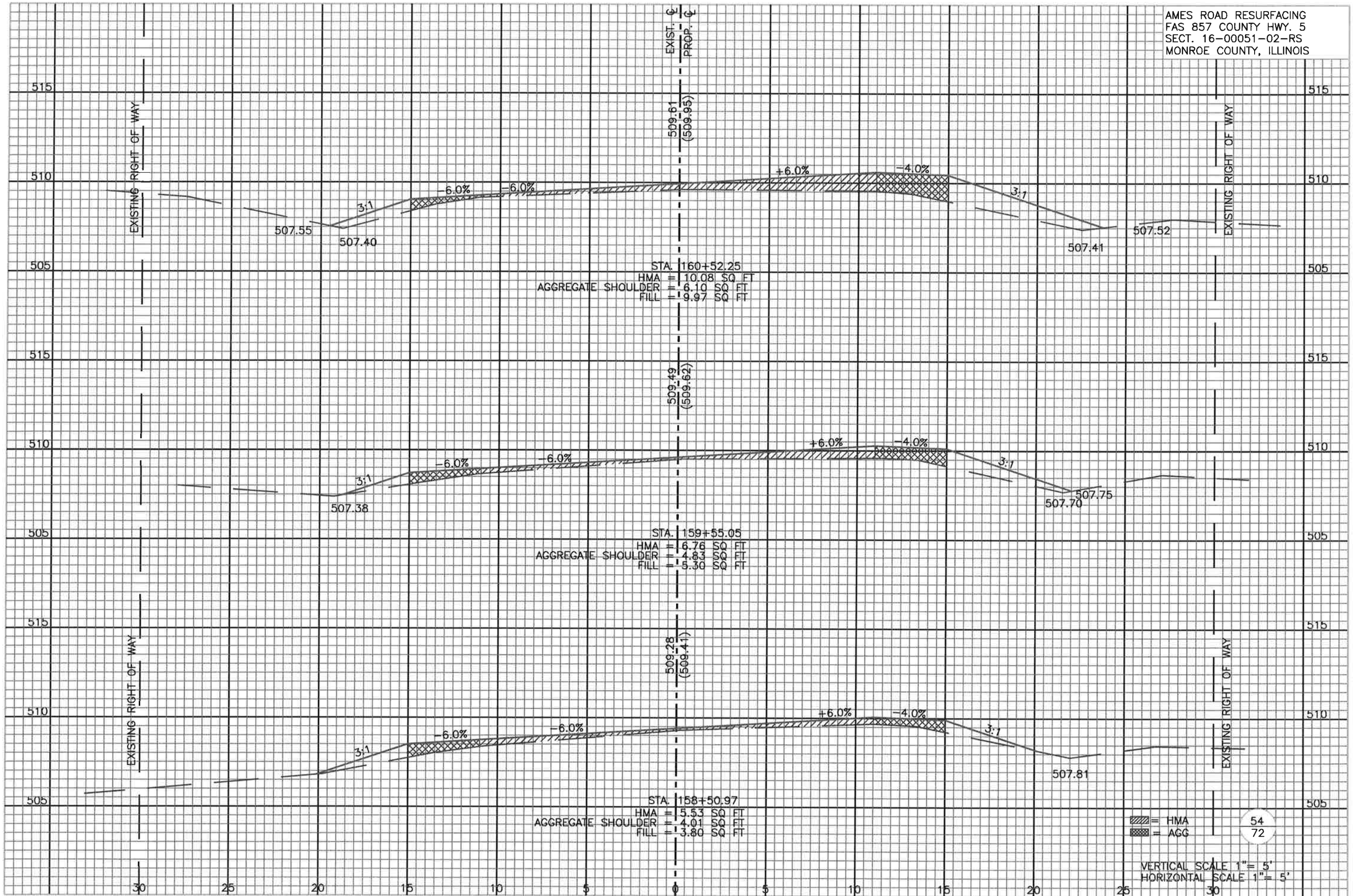


= HMA
 = AGG

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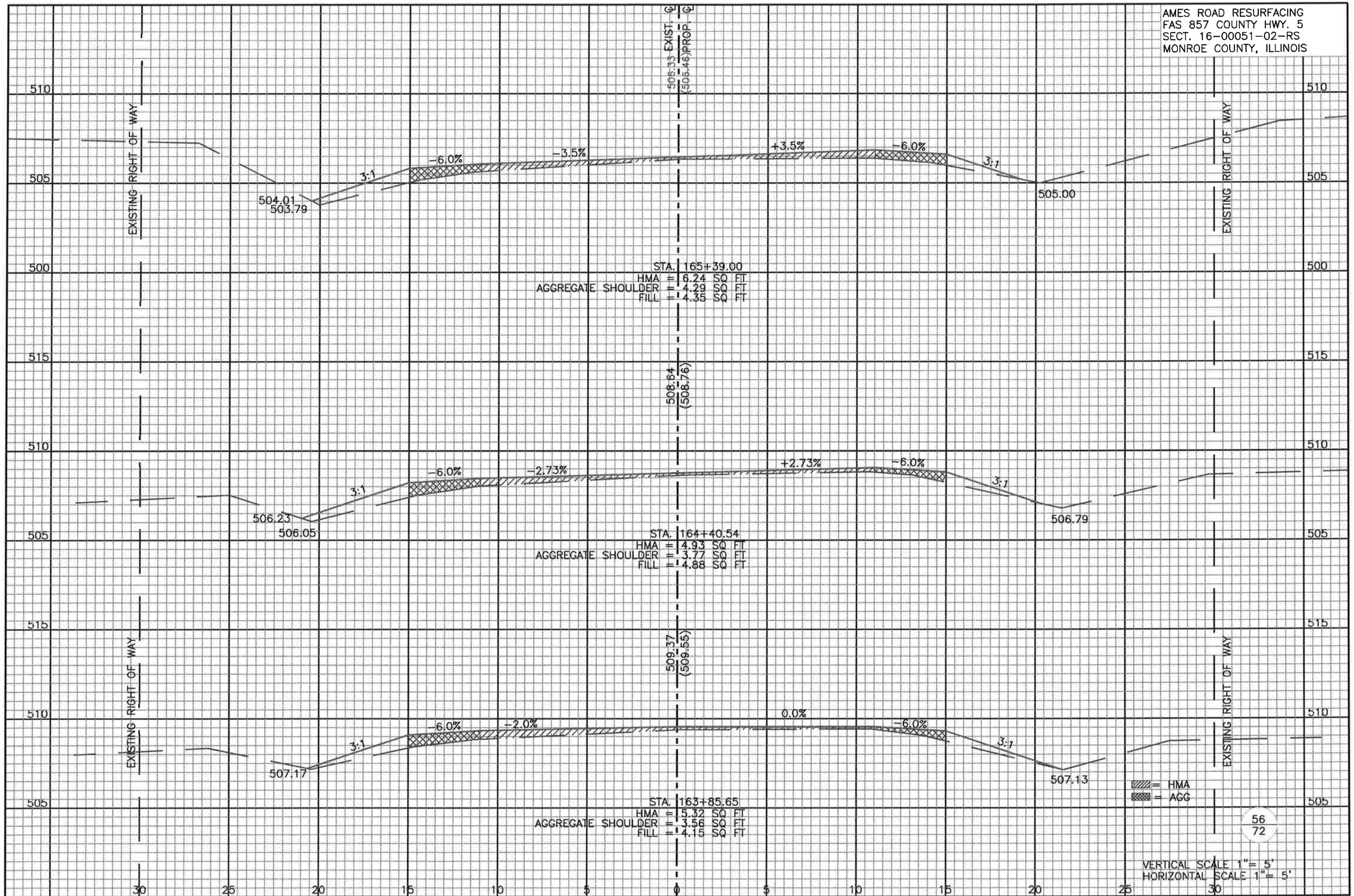


= HMA
 = AGG

54
72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

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STA. 165+39.00
 HMA = 6.24 SQ FT
 AGGREGATE SHOULDER = 4.29 SQ FT
 FILL = 4.35 SQ FT

STA. 164+40.54
 HMA = 4.93 SQ FT
 AGGREGATE SHOULDER = 3.77 SQ FT
 FILL = 4.88 SQ FT

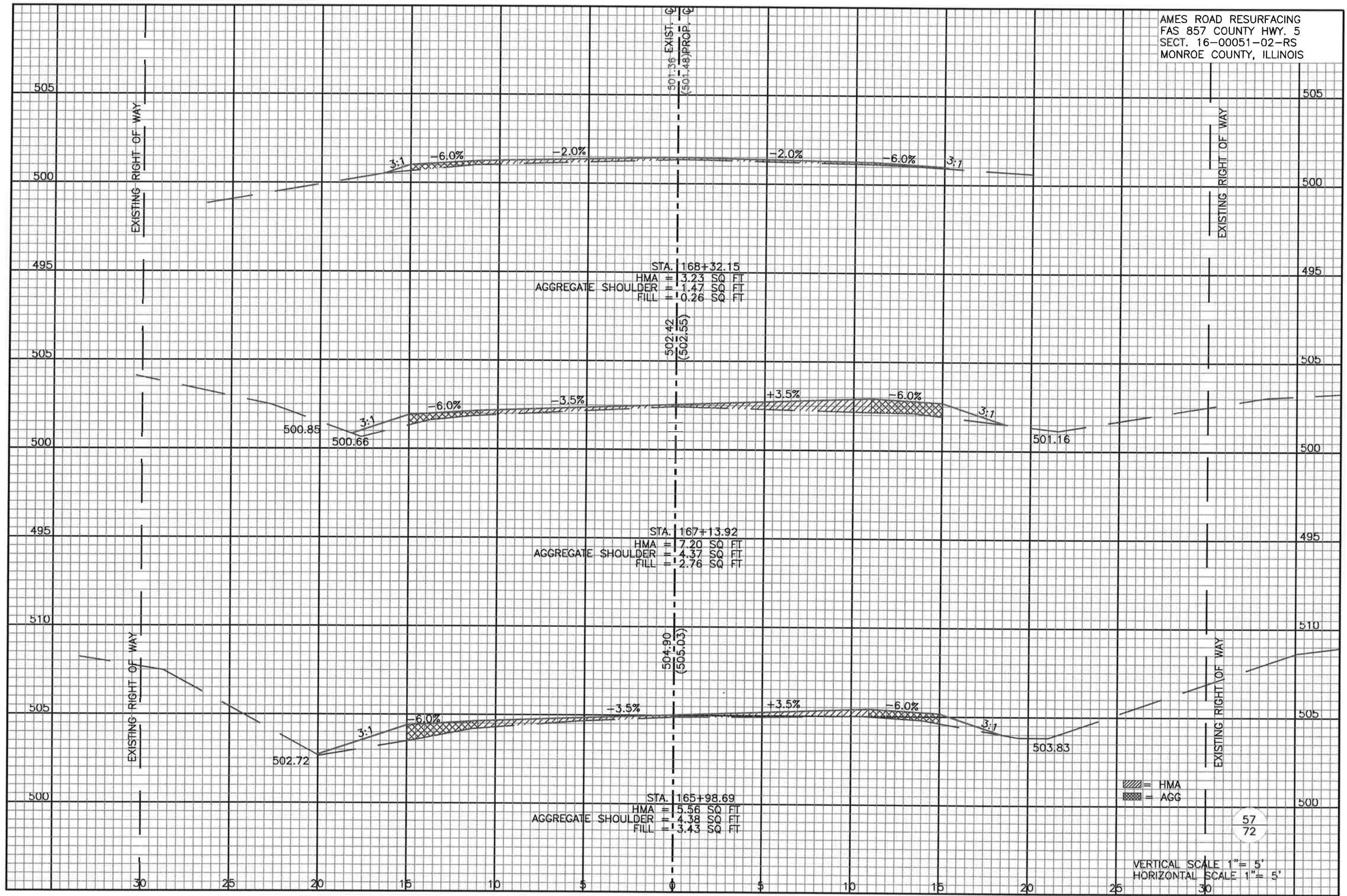
STA. 163+85.65
 HMA = 5.32 SQ FT
 AGGREGATE SHOULDER = 3.56 SQ FT
 FILL = 4.15 SQ FT

▨ = HMA
 ▩ = AGG

56
72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

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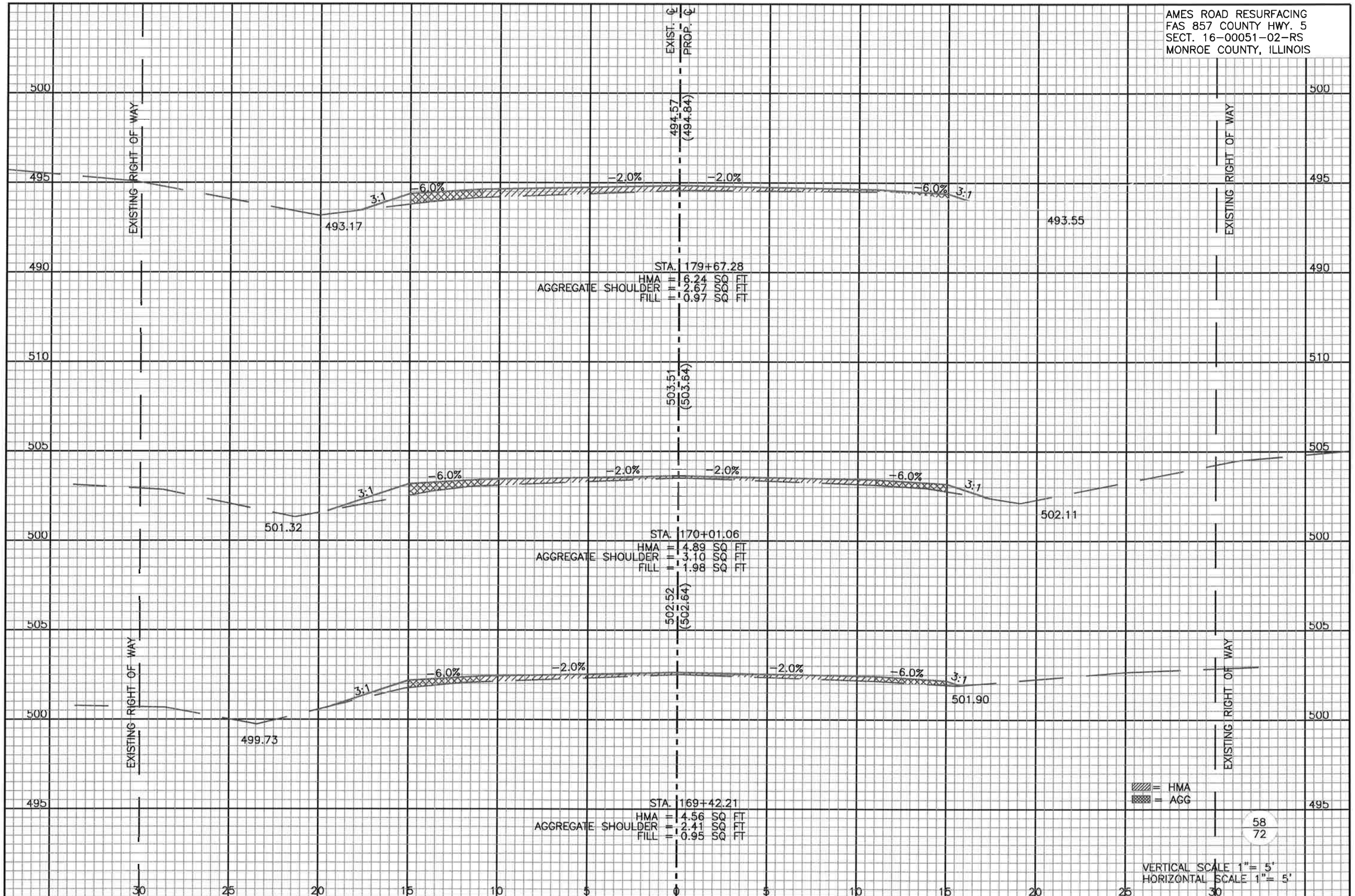


▨ = HMA
 ▩ = AGG

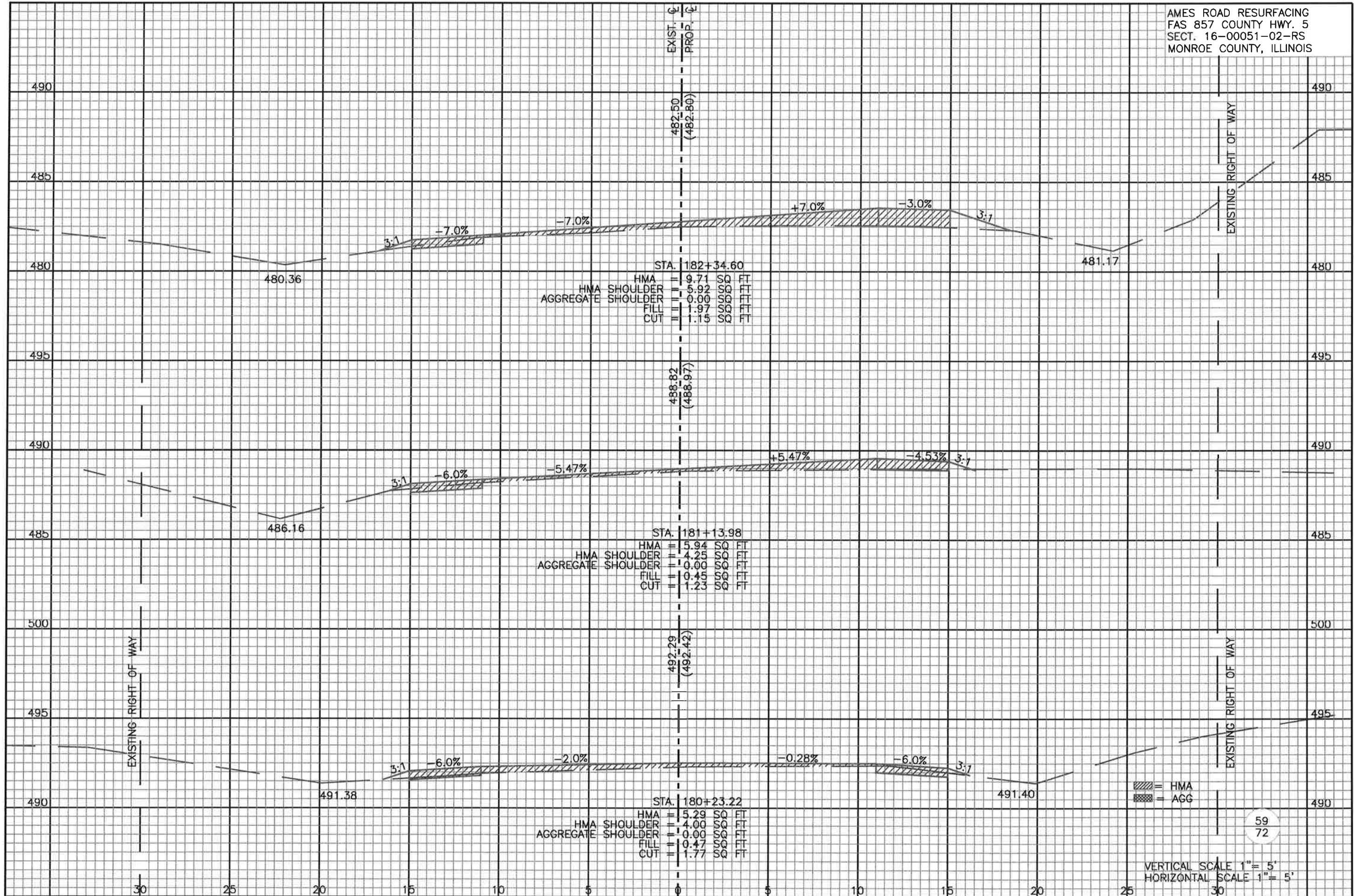
57
72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

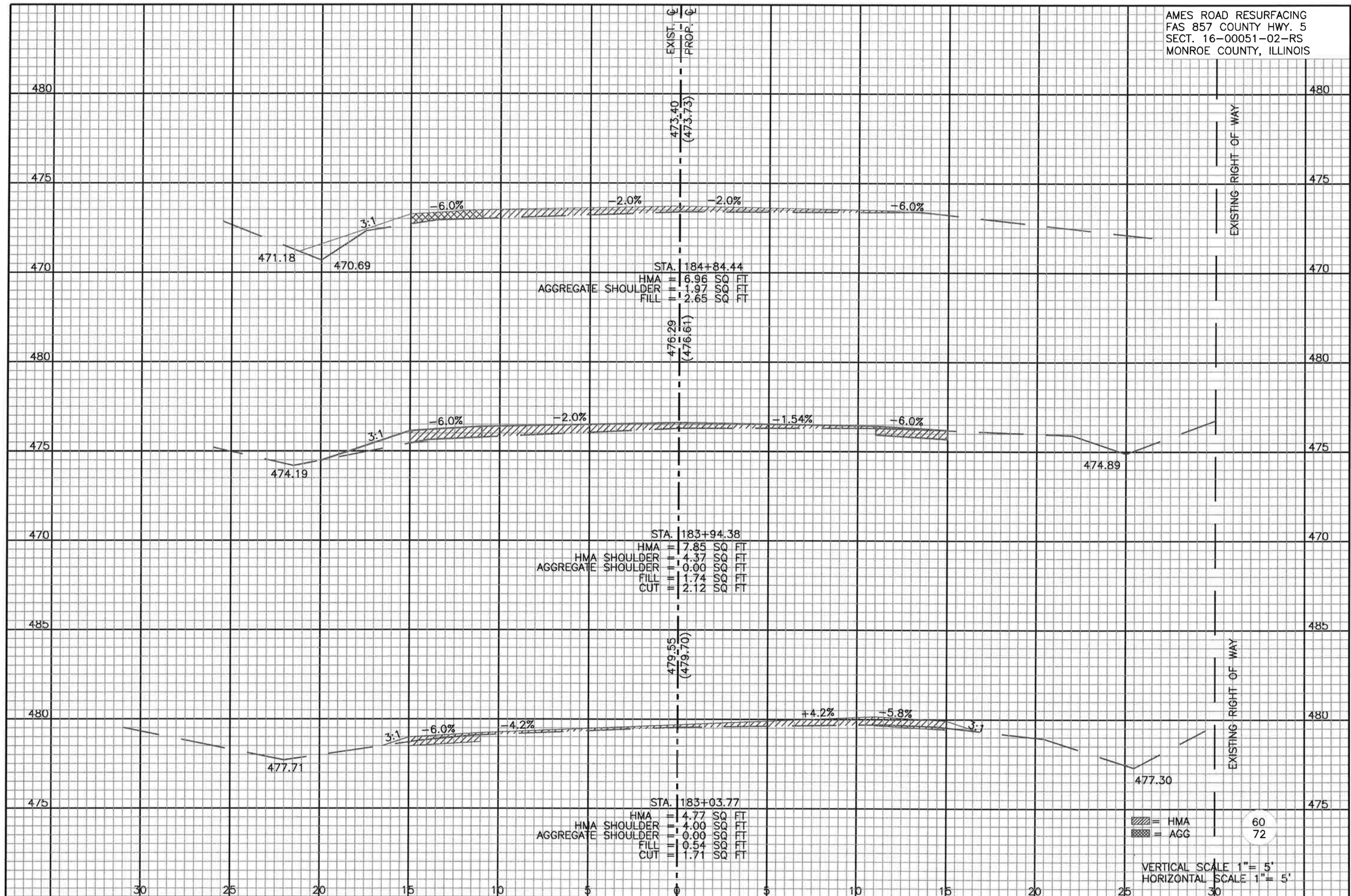
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EXIST. G.
 PROP. G.

EXISTING RIGHT OF WAY

STA. 184+84.44
 HMA = 6.96 SQ FT
 AGGREGATE SHOULDER = 1.97 SQ FT
 FILL = 2.65 SQ FT

473.40
 (473.73)

STA. 183+94.38
 HMA = 7.85 SQ FT
 HMA SHOULDER = 4.37 SQ FT
 AGGREGATE SHOULDER = 0.00 SQ FT
 FILL = 1.74 SQ FT
 CUT = 2.12 SQ FT

476.29
 (476.61)

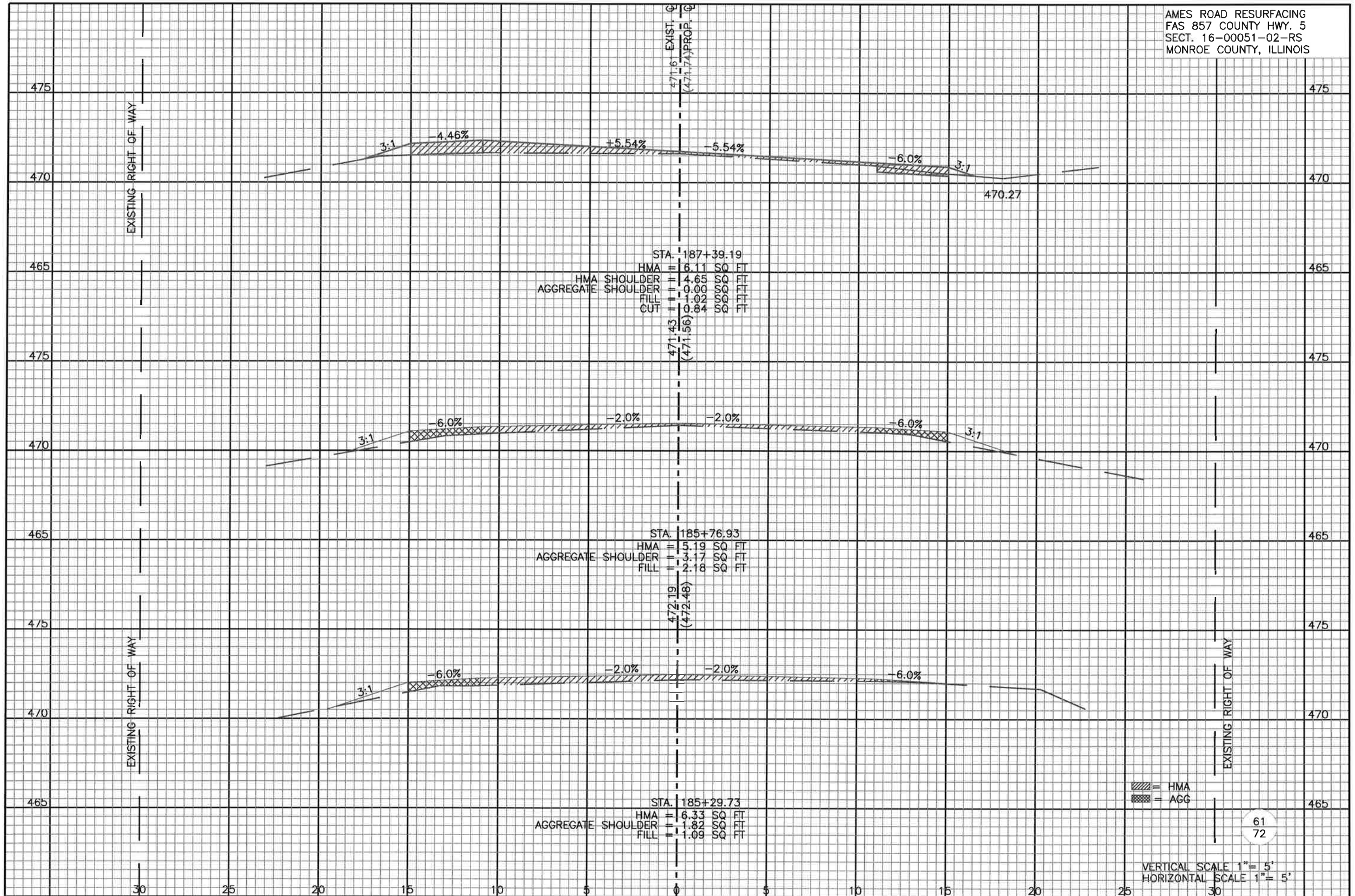
STA. 183+03.77
 HMA = 4.77 SQ FT
 HMA SHOULDER = 4.00 SQ FT
 AGGREGATE SHOULDER = 0.00 SQ FT
 FILL = 0.54 SQ FT
 CUT = 1.71 SQ FT

479.55
 (479.70)

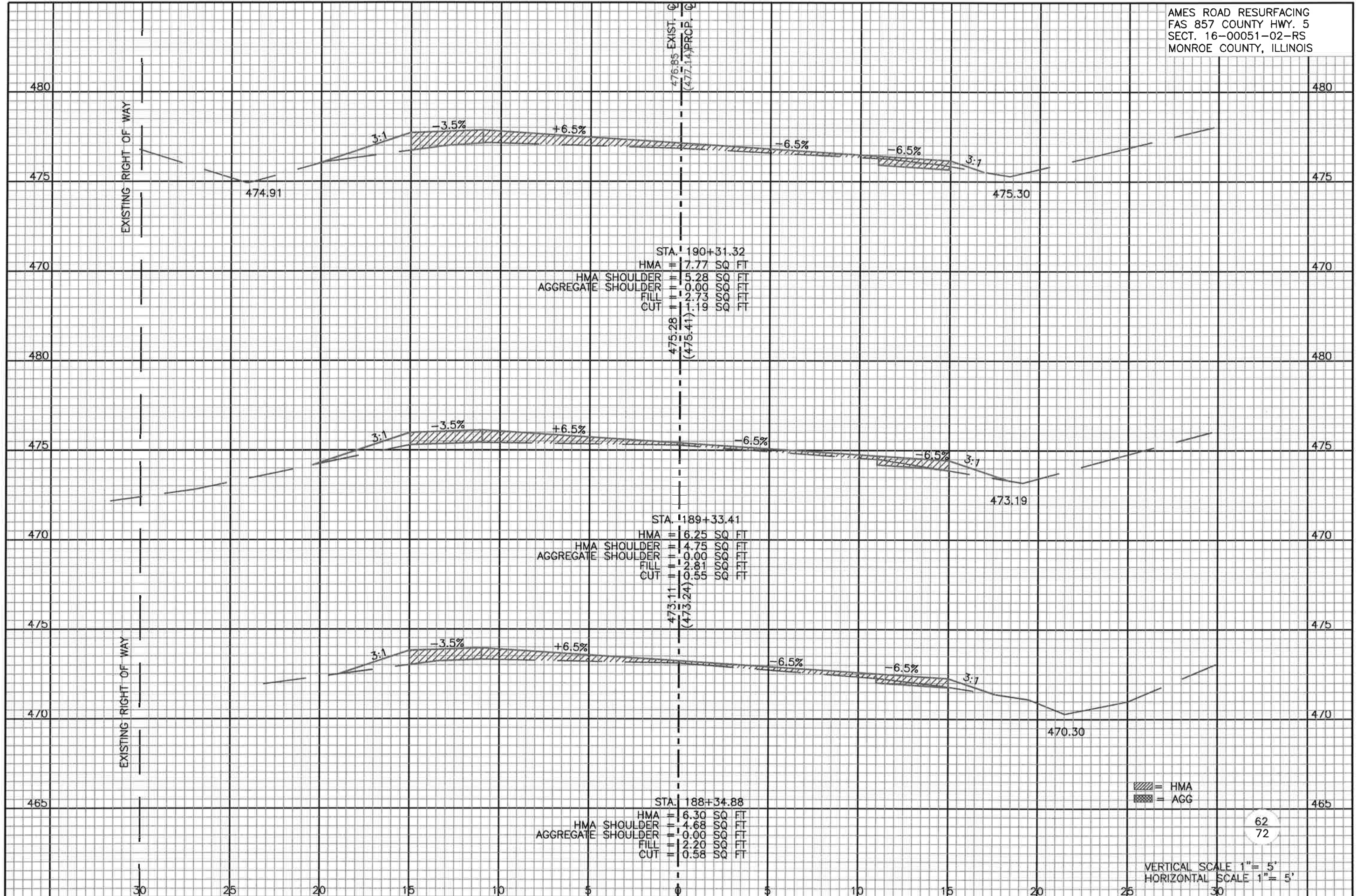
60
 72

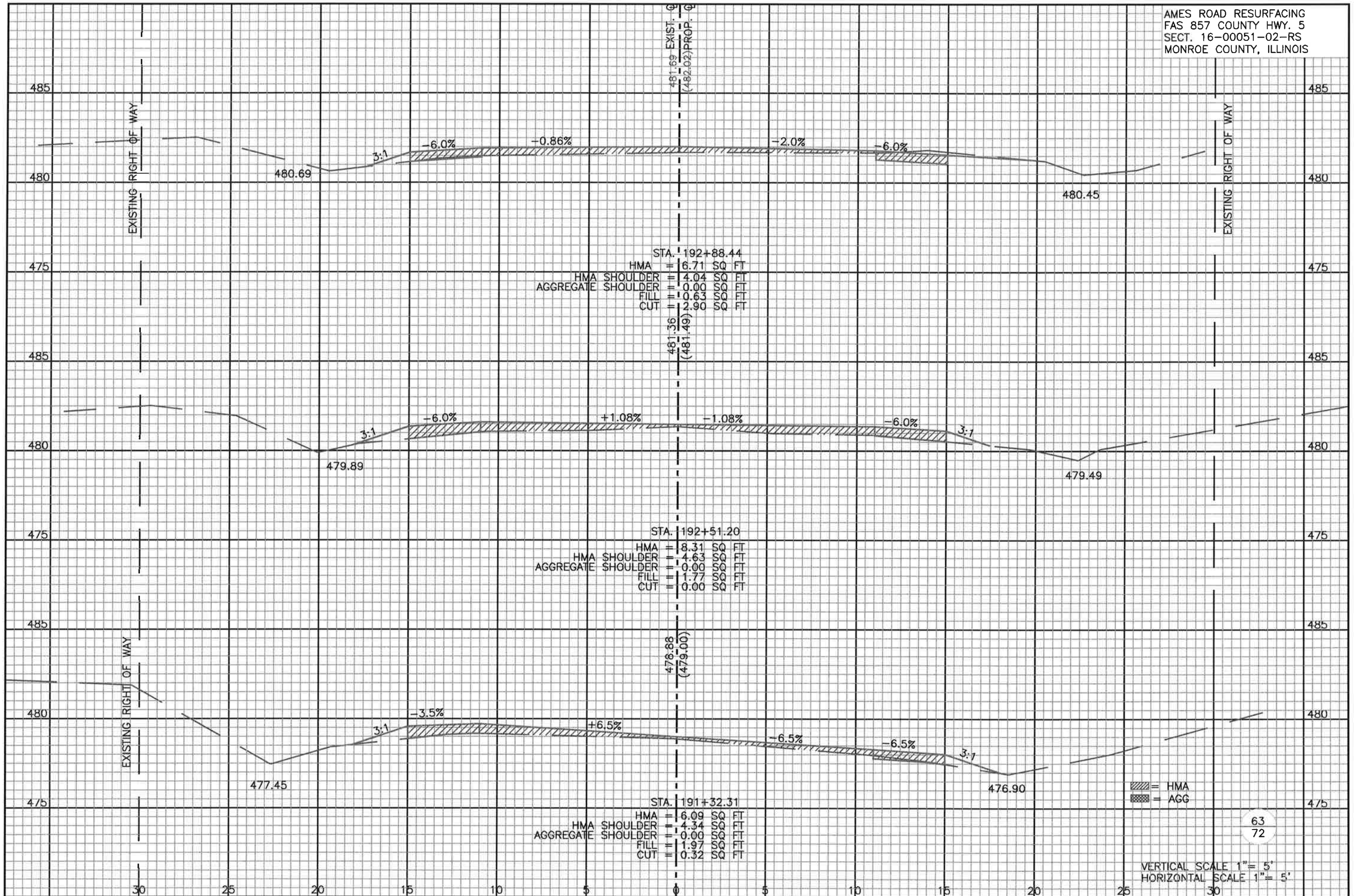
VERTICAL SCALE 1"= 5'
 HORIZONTAL SCALE 1"= 5'

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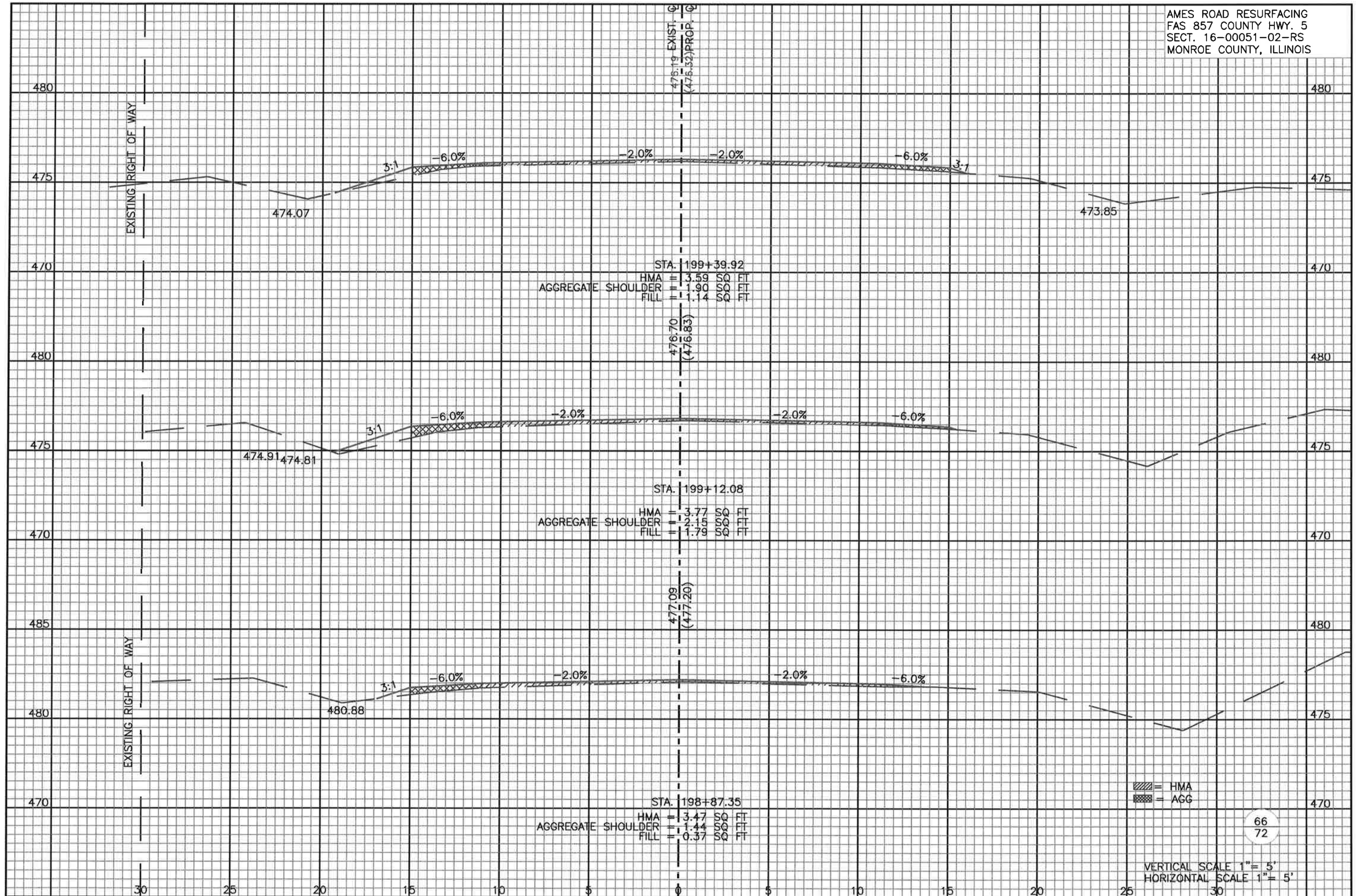
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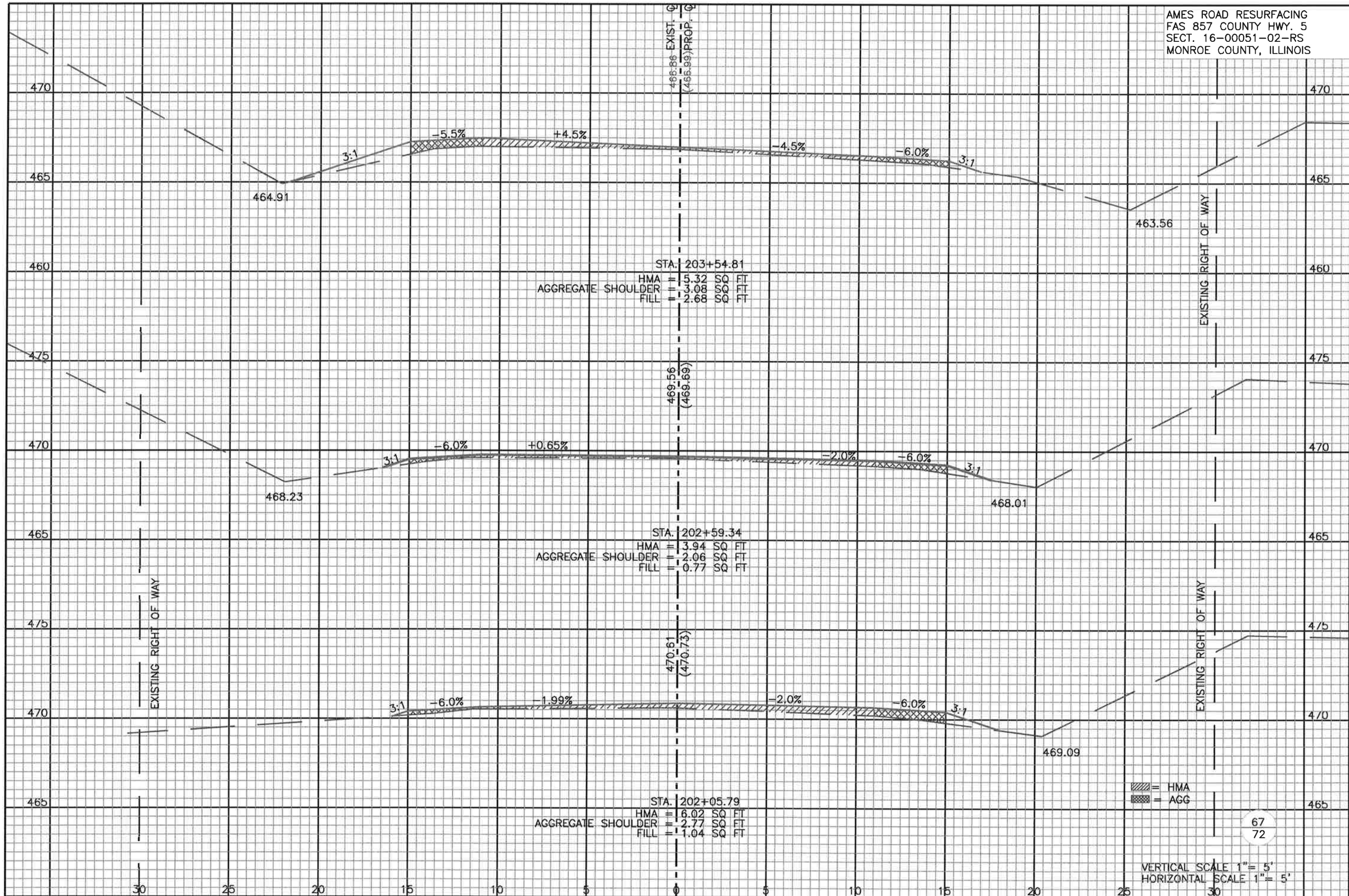




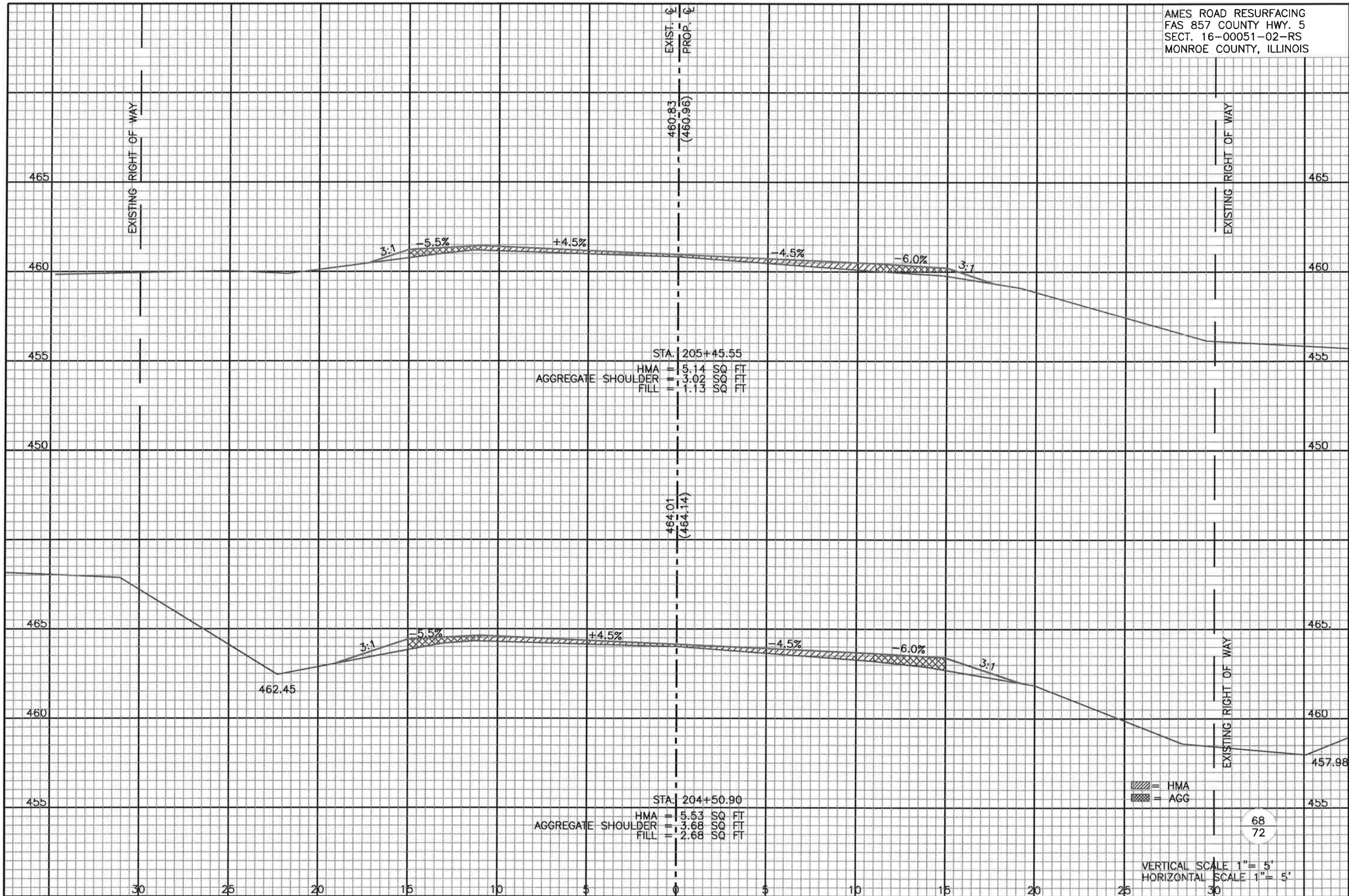
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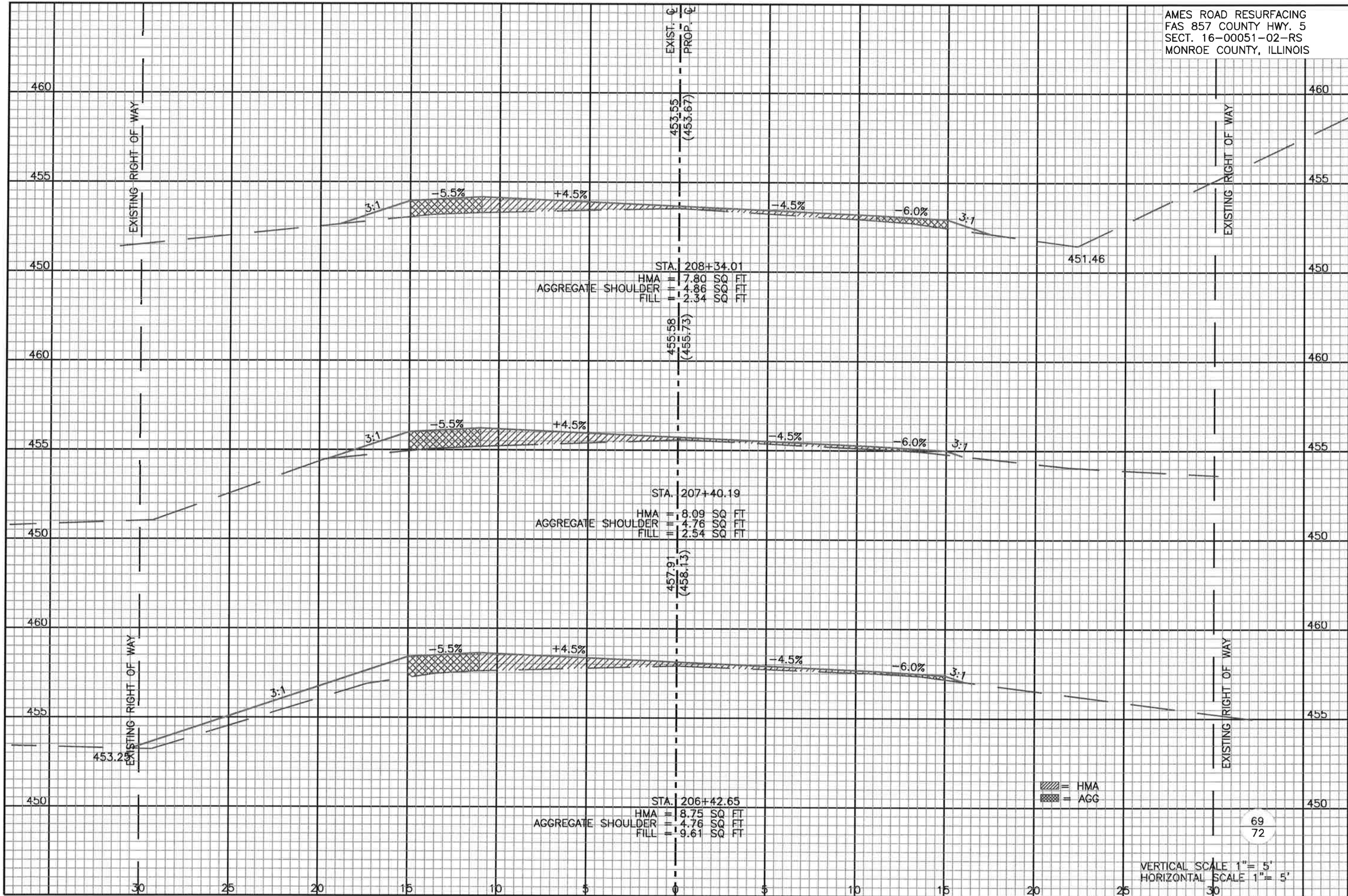


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STA. 208+34.01
 HMA = 7.80 SQ FT
 AGGREGATE SHOULDER = 4.86 SQ FT
 FILL = 2.34 SQ FT

STA. 207+40.19
 HMA = 8.09 SQ FT
 AGGREGATE SHOULDER = 4.76 SQ FT
 FILL = 2.54 SQ FT

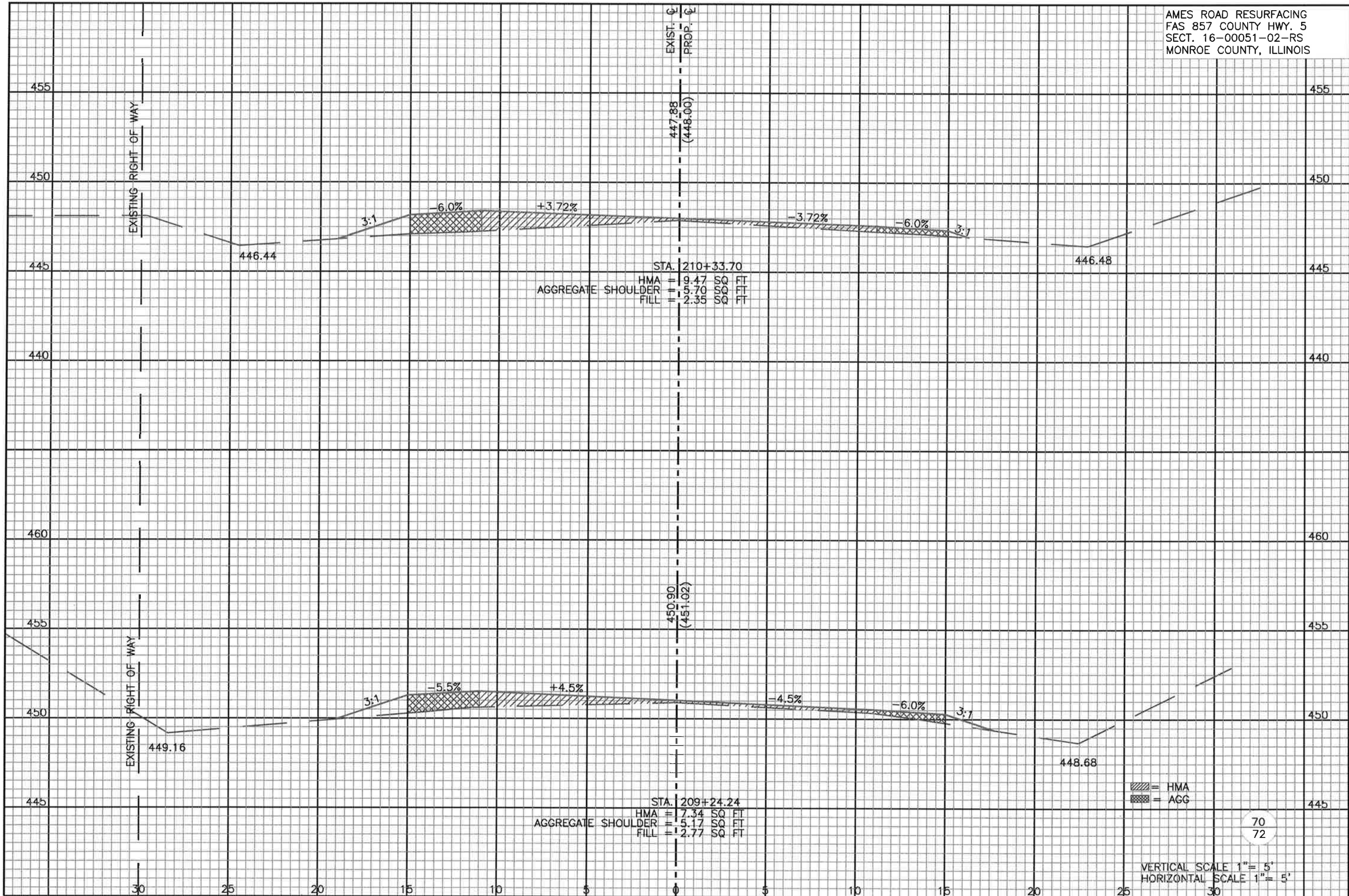
STA. 206+42.65
 HMA = 8.75 SQ FT
 AGGREGATE SHOULDER = 4.76 SQ FT
 FILL = 9.61 SQ FT

▨ = HMA
 ▩ = AGG

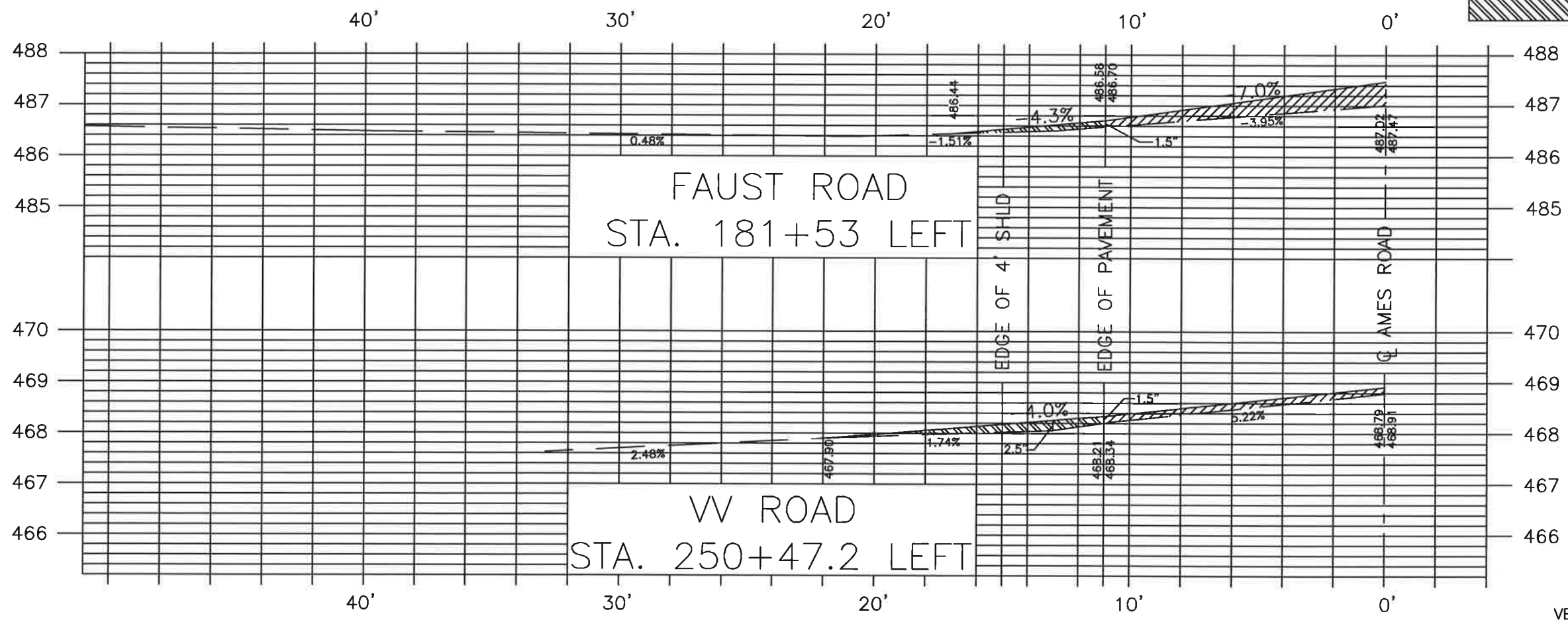
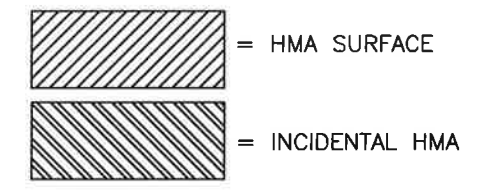
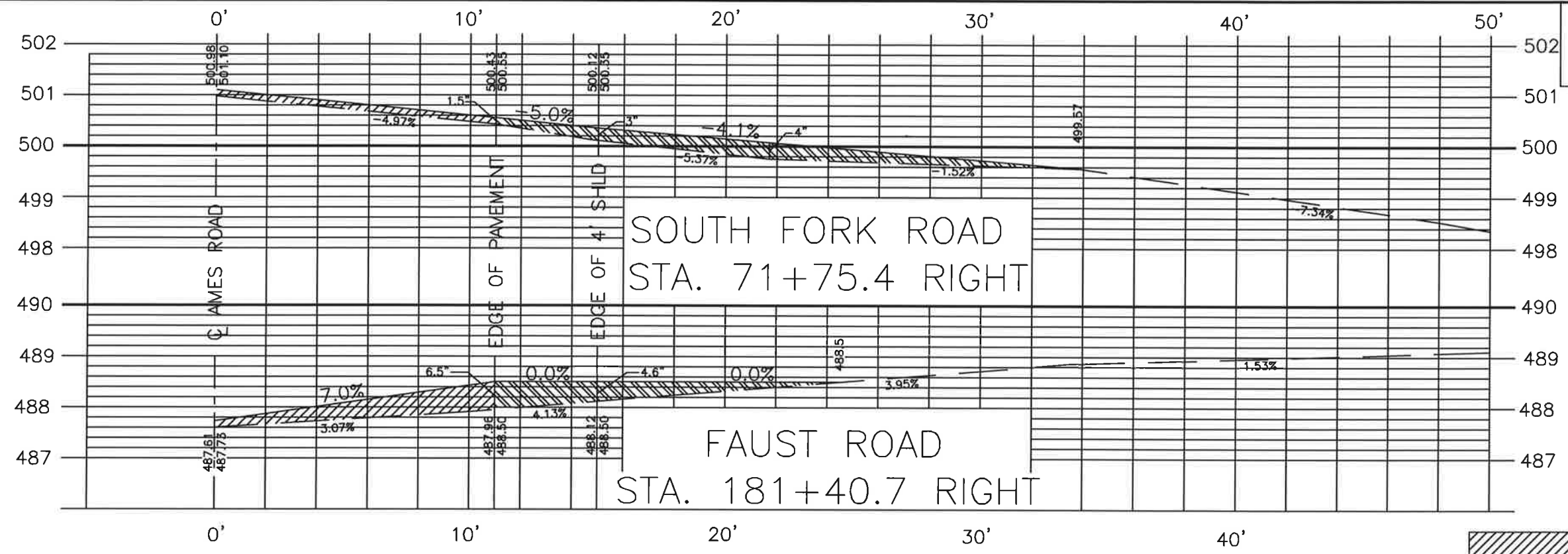
69
 72

VERTICAL SCALE 1" = 5'
 HORIZONTAL SCALE 1" = 5'

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72
 72

VERTICAL SCALE 1" = 2.5'
 HORIZONTAL SCALE 1" = 5'