

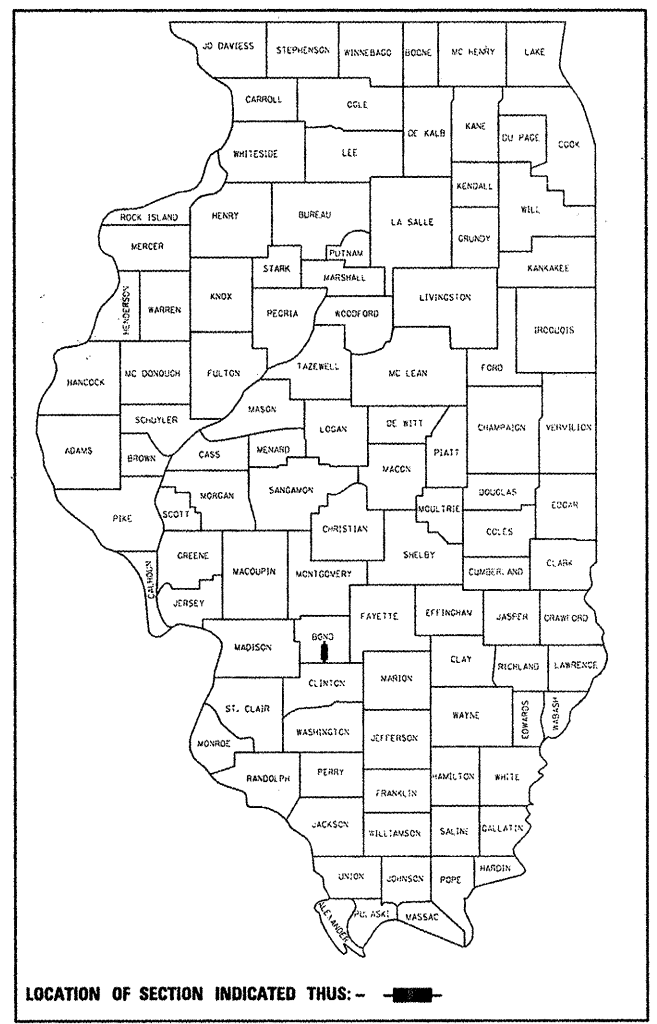
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	35	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97426	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

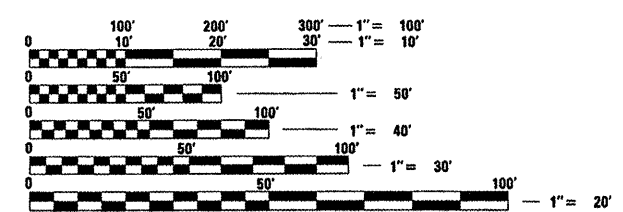
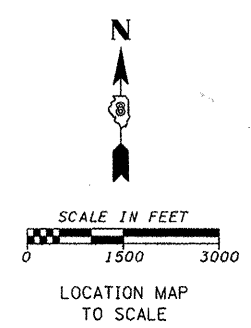
**PROPOSED
HIGHWAY PLANS**

CITY OF GREENVILLE
FAU ROUTE 9833 - SOUTH FOURTH STREET
SECTION 05-00016-02-WR
PROJECT NO. ARA-M-5078(007)
BOND COUNTY
JOB NO. C-98-382-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2



LOCATION OF SECTION INDICATED THIS: - ■ -



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

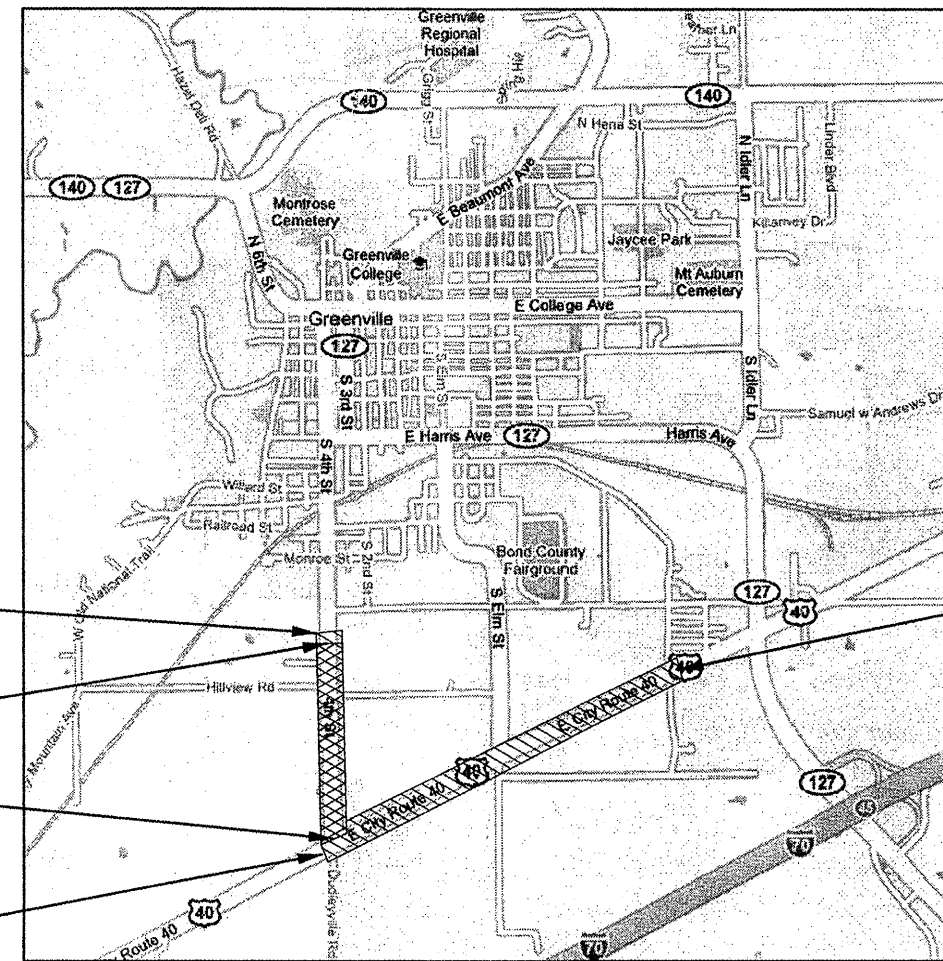
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

END PROJECT STA. 133+50

END PROJECT STA. 131+00

BEGIN PROJECT STA. 99+83.85

BEGIN PROJECT STA. 1871+86.87



SECTION 05-00016-02-WR

IL. GREEN STREETS INITIATIVE PROJECT

END PROJECT STA. 1937+14.35

LENGTH OF IMPROVEMENTS

	GROSS LENGTH = 3,116.15 FT. = 0.590 MILE
	NET LENGTH = 3,116.15 FT. = 0.590 MILE
	GROSS LENGTH = 9,893.63 FT. = 1.873 MILE
	NET LENGTH = 9,863.63 FT. = 1.873 MILE

ROADWAY DESIGNATION: ARTERIAL
ADT: 4,200

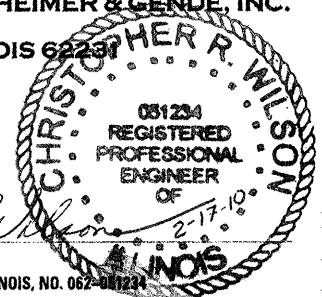
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 2-16 20 10
Alan Gaffner
ALAN GAFFNER, MAYOR, CITY OF GREENVILLE

PASSED 2-18 20 10
Lora Rensing
LORA RENSING, DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 2-18 20 10
Mary C. Lamie
MARY C. LAMIE, P.E., DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER

PREPARED BY:
HENRY, MEISENHEIMER & GENDE, INC.
ENGINEERS
CARLYLE, ILLINOIS 62231
(618) 594-3711



Christopher R. Wilson
CHRISTOPHER R. WILSON, P.E.
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, NO. 081234
REGISTRATION EXPIRES NOVEMBER 30, 2011

GENERAL NOTES

1. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
2. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUB-CONTRACTED WORK, REGARDLESS OF FUNDING SOURCE. THE SPECIAL PROVISIONS, SPECIFICATIONS, AND STANDARD SPECIFICATIONS SHALL GOVERN CONTRACTUAL REQUIREMENTS FOR SAID ARRANGEMENTS.
3. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL AND PROTECTION.
4. ALL SAW CUTTING REQUIRED FOR REMOVALS AND MILLING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT OF REMOVAL QUANTITIES.
5. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS, TO THE SATISFACTION OF THE ENGINEER.
7. ALL AREAS THAT ARE DISTURBED BEYOND THE SEEDING LIMITS SHALL BE GRADED BY THE CONTRACTOR AT HIS/HER EXPENSE, IN THE SAME MANNER AS FINAL GRADING WORK PER THE SPECIFICATIONS, TO THE SATISFACTION OF THE ENGINEER.
8. REMOVAL OF EXISTING OIL AND CHIP SURFACE AND AGGREGATE HAS BEEN INCLUDED IN THE EARTHWORK QUANTITIES AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION.
9. ALL ADVANCED WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE.
10. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.
11. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO PRIMED SURFACES, LEVELING BINDER SURFACES, AND FINAL SURFACES. ONLY THE REMOVAL OF MARKINGS FROM FINAL SURFACES WILL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.

APPLICATION RATES

AGGREGATE MATERIALS	2.05 TONS/CU YD
GRANULAR MATERIALS	2.05 TONS/CU YD
AGGREGATE PRIME COAT	5 LBS/SQ YD (AGGREGATE SURFACE) OR 3 LBS/SQ YD (CONCRETE OR BITUMINOUS SURFACE)
BITUMINOUS CONCRETE SURFACE & BINDER COURSE	112 LBS/SQ YD/INCH OR 2.016 TONS/CU YD
BITUMINOUS PRIME COAT	0.375 GAL/SQ YD (AGGREGATE SURFACE) OR 0.075 GAL/SQ YD (CONCRETE OR BITUMINOUS SURFACE)
FOR SEEDED AREAS	
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
LIME	2 TONS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE

KNOWN UTILITY COMPANIES

AMEREN IP ATTN: JASON WOODARD 1915 OLD BUS LINE RD, P.O. BOX 579 HILLSBORO, IL 62049 TELEPHONE: (217) 532-8270	CITY OF GREENVILLE ATTN: CARL STELZRIEDE 404 SOUTH THIRD ST GREENVILLE, IL 62246 TELEPHONE: (618) 664-1644	AT&T ATTN: ART NALL 210 NORTH LOCUST STREET CENTRALIA, IL 62801 TELEPHONE: (618) 533-3411
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INDEX OF SHEETS

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2. INDEX OF SHEETS, GENERAL NOTES, AND LIST OF HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
4. EXISTING TYPICAL SECTIONS
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- 20.-30. PLAN & PROFILE - FOURTH STREET
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- 54.-55. PAVEMENT PATCHING DETAILS
- 56.-57. BOX CULVERT EXTENSION DETAILS, S. FOURTH ST. - STA. 116+32.59
58. TREE PLANTING PLAN - SOUTH FOURTH ST.
- 59.-60. TREE PLANTING PLAN - U.S. ROUTE 40
- 61.-85. CROSS SECTIONS - S. FOURTH ST.
HIGHWAY STANDARDS

LIST OF HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
442101-07	CLASS B PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
542406-01	METAL END SECTIONS FOR PIPE ARCHES
542606-01	REINFORCED CONCRETE PIPE TEE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

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HMG JOB NO. 6314.1		CHECKED -	REVISED -			CONTRACT NO. 97426					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	2,830
Δ 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,160
Δ 20900330	GRANULAR BACKFILL	TON	203.7
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	666
Δ 21400100	GRADING AND SHAPING DITCHES	FOOT	4,191
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	338
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	338
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	338
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	7.5
* 25000750	MOWING	ACRE	3.75
* 25003210	INTERSEEDING, CLASS 2A	ACRE	3.75
* 25100115	MULCH, METHOD 2	ACRE	2.50
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	5,873
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	361
Δ 28000305	TEMPORARY DITCH CHECKS	FOOT	430
28000500	INLET AND PIPE PROTECTION	EACH	47
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	1,866
28200200	FILTER FABRIC	SQ YD	1,866
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	547
31102500	SUB-BASE GRANULAR MATERIAL, TYPE C 8"	SQ YD	825
Δ 35600900	HOT-MIX ASPHALT BASE COURSE WIDENING	TON	960
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	77
Δ 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,404
40600300	AGGREGATE (PRIME COAT)	TON	52
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	1.0
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	686
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	459
40600990	TEMPORARY RAMP	SQ YD	293
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	623
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	830
Δ 44000100	PAVEMENT REMOVAL	SQ YD	1,495
Δ 44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	3,160
Δ 44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	491
Δ 44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	66
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	148
Δ 44201296	DEFORMED BARS - EXPANSION JOINT	EACH	112
44213100	PAVEMENT FABRIC	SQ YD	66
44213200	SAW CUTS	FOOT	2,181
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	6,346

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
48101200	AGGREGATE SHOULDERS, TYPE B	TON	343
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,153
50102400	CONCRETE REMOVAL	CU YD	3.2
50105220	PIPE CULVERT REMOVAL	FOOT	215
50800105	REINFORCEMENT BARS	POUND	1,310
54002020	EXPANSION BOLTS, 3/4 INCH	EACH	24
54003000	CONCRETE BOX CULVERTS	CU YD	8.3
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	58
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	136
Δ 542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	60
Δ 542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	52
Δ 542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	50
Δ 542D5473	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	240
Δ 54213447	END SECTIONS 12"	EACH	4
Δ 54213459	END SECTIONS 24"	EACH	16
Δ 54213465	END SECTIONS 30"	EACH	4
Δ 54213471	END SECTIONS 36"	EACH	2
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6
Δ 54214293	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	8
54216940	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 18" RISER	EACH	4
67100100	MOBILIZATION	L SUM	1
Δ 70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
Δ 70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
Δ 70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
Δ 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	912
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,924
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	76
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,417
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	32
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	34
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	37
Δ 78300100	PAVEMENT MARKING REMOVAL	SQ FT	17
B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD) 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	222
Δ 20017202	DOWEL BARS 1 1/2"	EACH	880
Δ 20062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	6,346
Δ 31102712	SUB-BASE GRANULAR MATERIAL, TYPE C 12"	SQ YD	6,748

* - DENOTES A SPECIALTY ITEM
 Δ - DENOTES A SPECIAL PROVISION

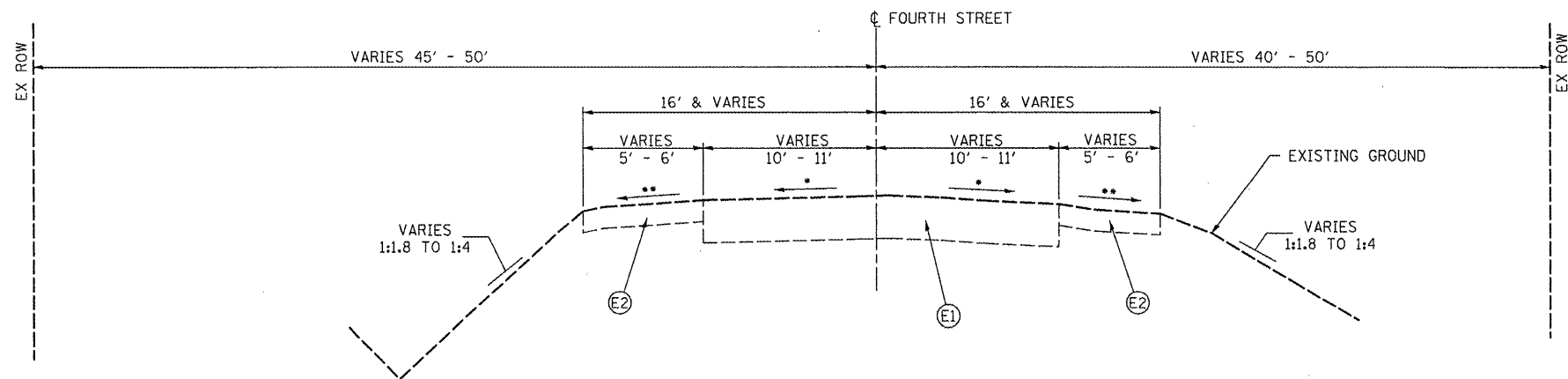
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

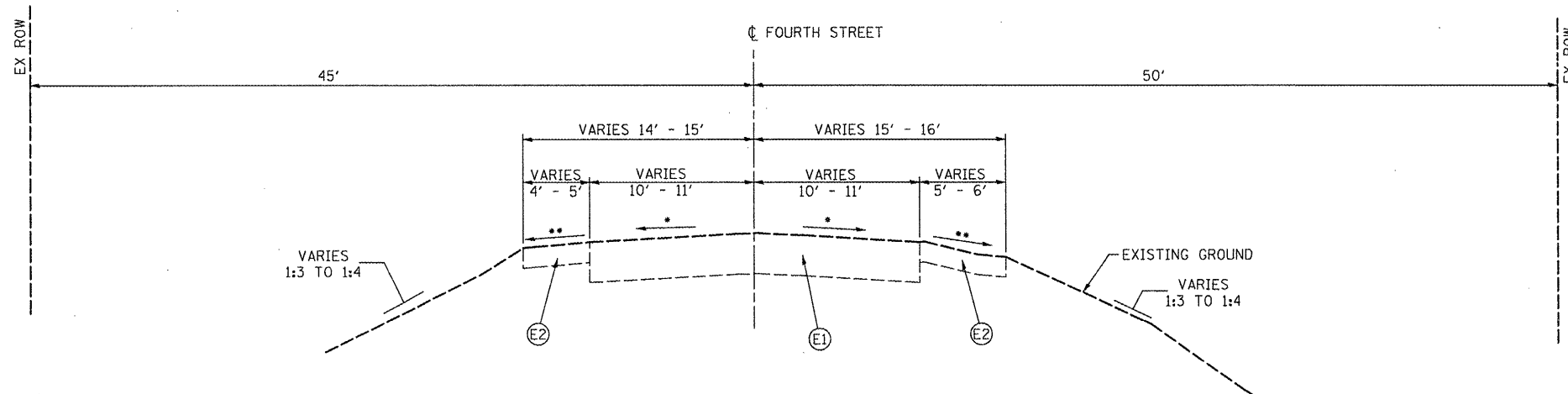
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F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 3
ILLINOIS FED. AID PROJECT CONTRACT NO. 97426				



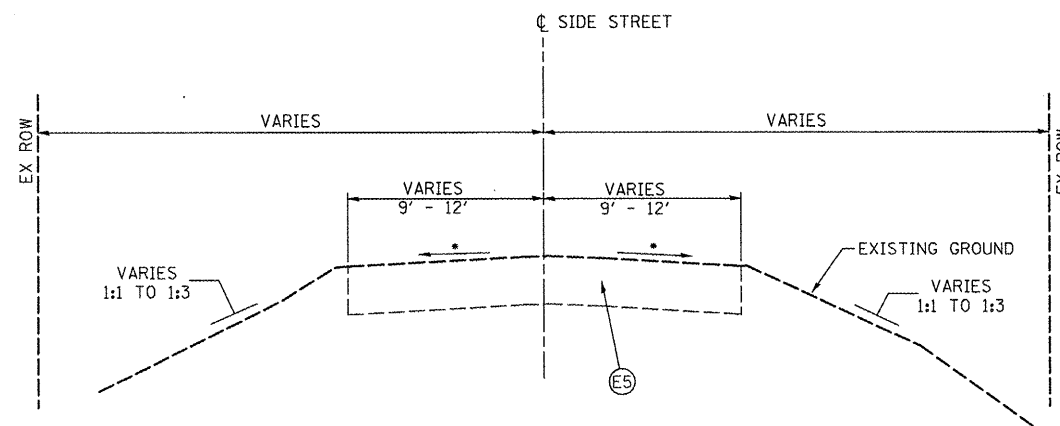
EXISTING TYPICAL SECTION

STA 99+83.85 TO STA 128+00
 *VARIES 0.5% - 1.5%
 **VARIES 0.5% - 13%



EXISTING TYPICAL SECTION

STA 128+00 TO STA 135+00
 *VARIES 0.5% - 1.5%
 **VARIES 0.5% - 13%

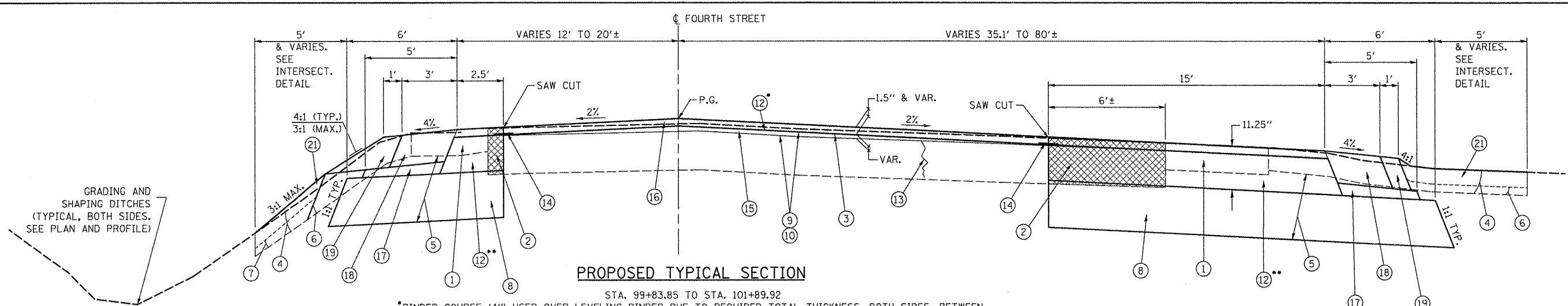


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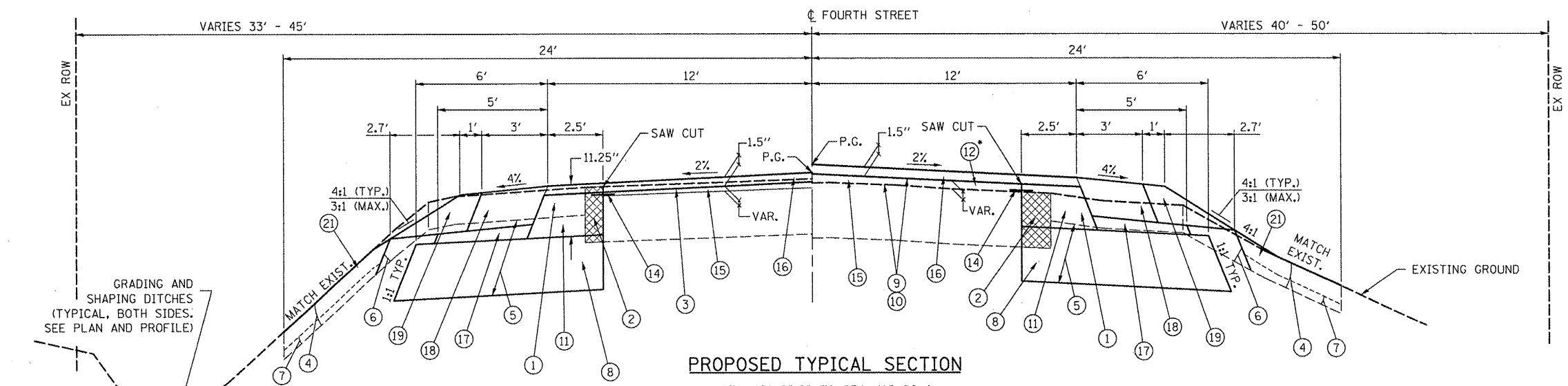
EAST HILLVIEW AVENUE: STA 1000+12 TO STA 1000+50
 WEST HILLVIEW AVENUE: STA 200+50 TO STA 200+88
 *VARIES 0.5% - 1.5%

LEGEND

- (E1) EXISTING 9" PCC WITH 2"-4" HMA OVERLAY
- (E2) EXISTING AGGREGATE SHOULDER
- (E3) EXISTING CURB AND GUTTER
- (E4) EXISTING SIDEWALK
- (E5) EXISTING BITUMINOUS SURFACE OVER AGGREGATE BASE
- (E6) EXISTING HOT-MIX ASPHALT OVER AGGREGATE BASE

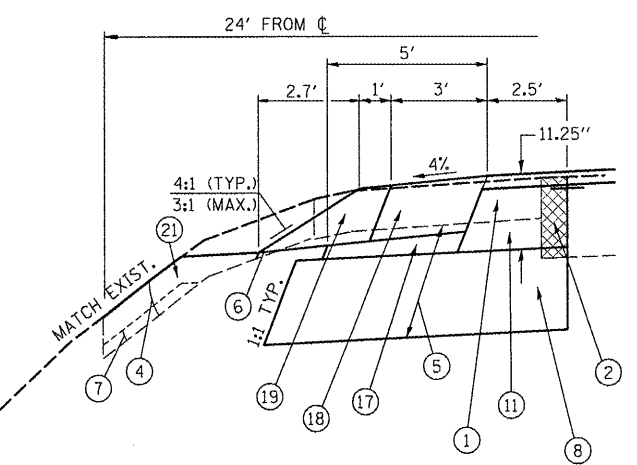


PROPOSED TYPICAL SECTION
 STA. 99+83.85 TO STA. 101+89.92
 *BINDER COURSE (4") USED OVER LEVELING BINDER DUE TO REQUIRED TOTAL THICKNESS, BOTH SIDES, BETWEEN STA. 100+85 TO STA. 101+89.92
 **BINDER COURSE (9.75") USED FOR WIDENING THIS SECTION OF ROADWAY AS WIDTH OF WIDENING EXCEEDS THE TYPICAL SIX (6) FOOT FOR HMA BASE COURSE WIDENING.

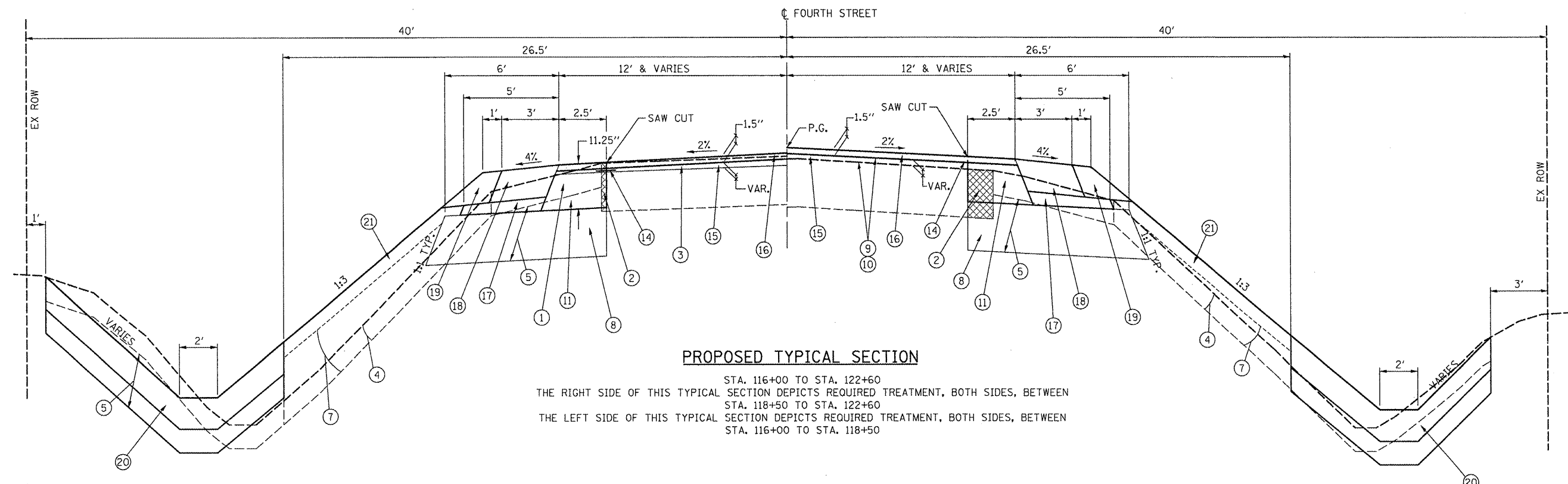


PROPOSED TYPICAL SECTION
 STA. 101+89.92 TO STA. 116+00 & STA. 122+60 TO STA. 130+25
 THE RIGHT SIDE OF THIS TYPICAL SECTION DEPICTS REQUIRED TREATMENT, BOTH SIDES, BETWEEN STA. 101+89.92 TO STA. 107+25 & STA. 122+60 TO STA. 130+25
 THE LEFT SIDE OF THIS TYPICAL SECTION DEPICTS REQUIRED TREATMENT, BOTH SIDES, BETWEEN STA. 107+25 TO STA. 116+00
 *BINDER COURSE (4") OVER LEVELING BINDER DUE TO REQUIRED TOTAL THICKNESS, BOTH SIDES, BETWEEN STA. 101+89.92 TO STA. 102+00

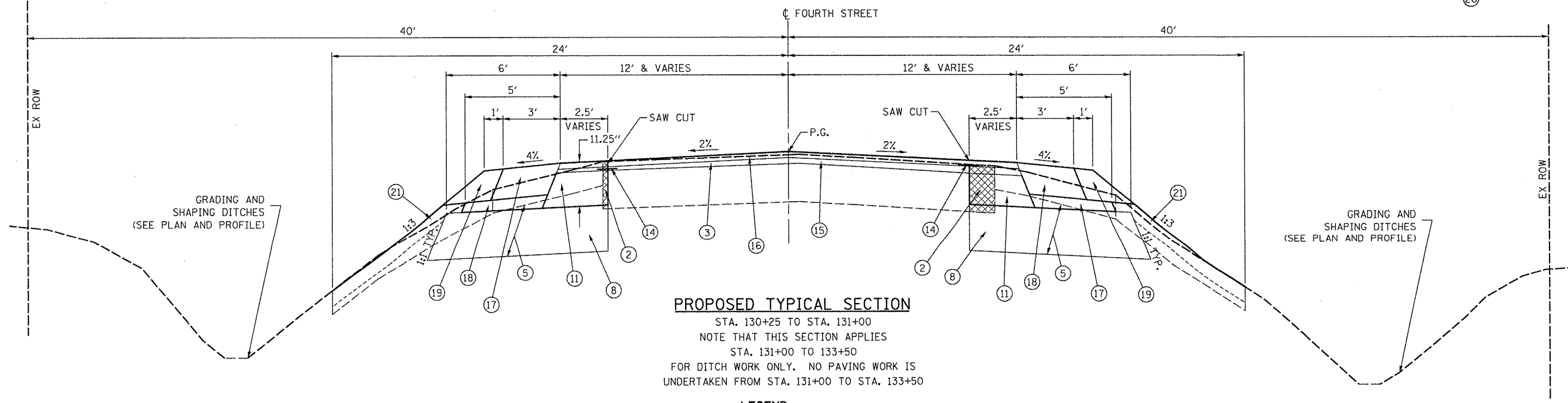
- LEGEND**
- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 - ② PAVEMENT REMOVAL
 - ③ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25" OR - BUTT JOINT
 - ④ TOPSOIL REMOVAL, 6" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)
 - ⑤ EARTH EXCAVATION
 - ⑥ EMBANKMENT (NOT A PAY ITEM. EARTH EXCAVATION OR FURNISHED EXCAVATION MATERIAL)
 - ⑦ EMBANKMENT (NOT A PAY ITEM. TOPSOIL, EARTH EXCAV., OR FURNISHED EXCAVATION MATERIAL)
 - ⑧ SUB-BASE GRANULAR MATERIAL TYPE C, 12"
 - ⑨ BITUMINOUS MATERIALS (PRIME COAT)
 - ⑩ AGGREGATE (PRIME COAT)
 - ⑪ HOT-MIX ASPHALT BASE COURSE WIDENING
 - ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 - ⑬ MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS
 - ⑭ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑮ LEVELING BINDER (MACHINE METHOD), N70
 - ⑯ HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (1.5")
 - ⑰ SUB-BASE GRANULAR MATERIAL, TYPE C
 - ⑱ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑲ AGGREGATE SHOULDERS, TYPE B (8")
 - ⑳ STONE DUMPED RIPRAP, CLASS A3 & FILTER FABRIC
 - ㉑ TOPSOIL PLACEMENT, 4" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)



ADDITIONAL SHOULDER TREATMENT
 DEPICTS TREATMENT WHEN EXISTING FRONT SLOPE EMBANKMENTS ARE WIDER THAN TYPICAL



PROPOSED TYPICAL SECTION
 STA. 116+00 TO STA. 122+60
 THE RIGHT SIDE OF THIS TYPICAL SECTION DEPICTS REQUIRED TREATMENT, BOTH SIDES, BETWEEN STA. 118+50 TO STA. 122+60
 THE LEFT SIDE OF THIS TYPICAL SECTION DEPICTS REQUIRED TREATMENT, BOTH SIDES, BETWEEN STA. 116+00 TO STA. 118+50



PROPOSED TYPICAL SECTION
 STA. 130+25 TO STA. 131+00
 NOTE THAT THIS SECTION APPLIES STA. 131+00 TO 133+50
 FOR DITCH WORK ONLY. NO PAVING WORK IS UNDERTAKEN FROM STA. 131+00 TO STA. 133+50

LEGEND

- | | | |
|--|--|--|
| ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | ⑦ EMBANKMENT (NOT A PAY ITEM. TOPSOIL, EARTH EXCAV., OR FURNISHED EXCAVATION MATERIAL) | ⑭ STRIP REFLECTIVE CRACK CONTROL TREATMENT |
| ② PAVEMENT REMOVAL | ⑧ SUB-BASE GRANULAR MATERIAL TYPE C, 12" | ⑮ LEVELING BINDER (MACHINE METHOD), N70 |
| ③ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25" OR - BUTT JOINT | ⑨ BITUMINOUS MATERIALS (PRIME COAT) | ⑯ HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (1.5") |
| ④ TOPSOIL REMOVAL, 6" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE) | ⑩ AGGREGATE (PRIME COAT) | ⑰ SUB-BASE GRANULAR MATERIAL, TYPE C |
| ⑤ EARTH EXCAVATION | ⑪ HOT-MIX ASPHALT BASE COURSE WIDENING | ⑱ HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑥ EMBANKMENT (NOT A PAY ITEM. EARTH EXCAVATION OR FURNISHED EXCAVATION MATERIAL) | ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 | ⑲ AGGREGATE SHOULDERS, TYPE B (8") |
| | ⑬ MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | ⑳ STONE DUMPED RIPRAP, CLASS A3 & FILTER FABRIC |
| | | ㉑ TOPSOIL PLACEMENT, 4" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE) |

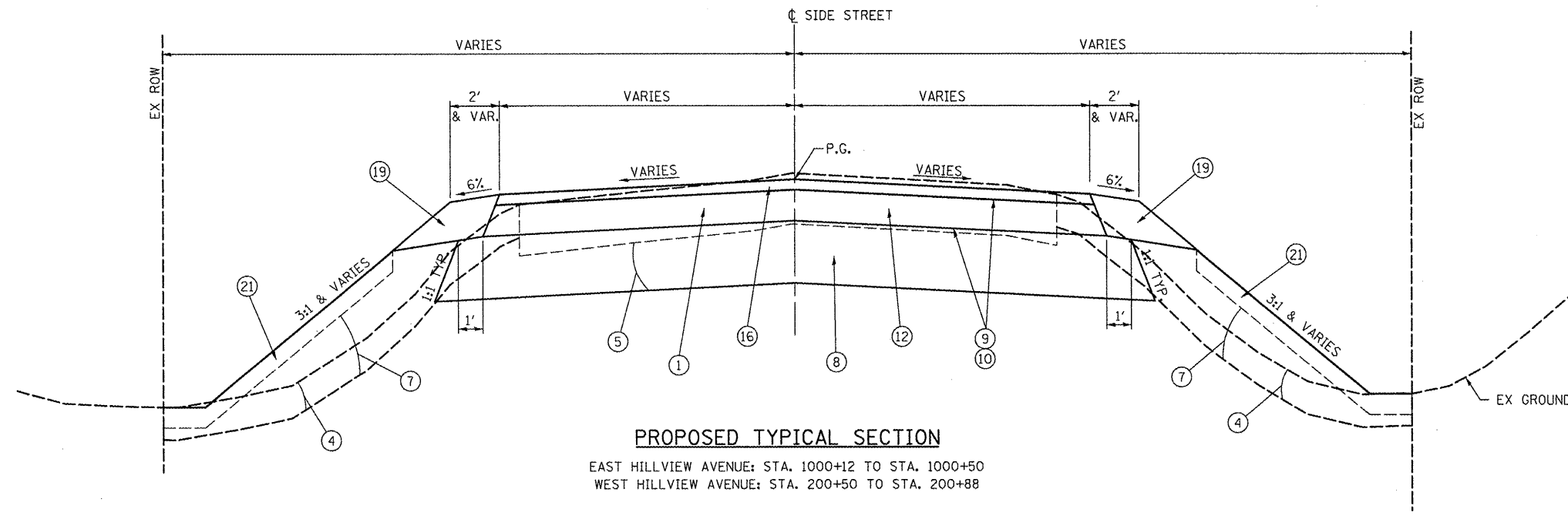
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PLUT DATE = #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	6
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ② PAVEMENT REMOVAL
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25" OR - BUTT JOINT
- ④ TOPSOIL REMOVAL, 6" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)
- ⑤ EARTH EXCAVATION
- ⑥ EMBANKMENT (NOT A PAY ITEM. EARTH EXCAVATION OR FURNISHED EXCAVATION MATERIAL)
- ⑦ EMBANKMENT (NOT A PAY ITEM. TOPSOIL, EARTH EXCAV., OR FURNISHED EXCAVATION MATERIAL)
- ⑧ SUB-BASE GRANULAR MATERIAL TYPE C, 12"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ AGGREGATE (PRIME COAT)
- ⑪ HOT-MIX ASPHALT BASE COURSE WIDENING
- ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (6.5")
- ⑬ MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS
- ⑭ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑮ LEVELING BINDER (MACHINE METHOD), N70
- ⑯ HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (1.5")
- ⑰ SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑱ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑲ AGGREGATE SHOULDERS, TYPE B (8")
- ⑳ STONE DUMPED RIPRAP, CLASS A3 & FILTER FABRIC
- ㉑ TOPSOIL PLACEMENT, 4" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)

PROPOSED TYPICAL SECTION

EAST HILLVIEW AVENUE: STA. 1000+12 TO STA. 1000+50
 WEST HILLVIEW AVENUE: STA. 200+50 TO STA. 200+88

FILE NAME = TYPICAL SECTIONS.6314.dgn
 #FILE#
 HMC JOB NO. 6314.1

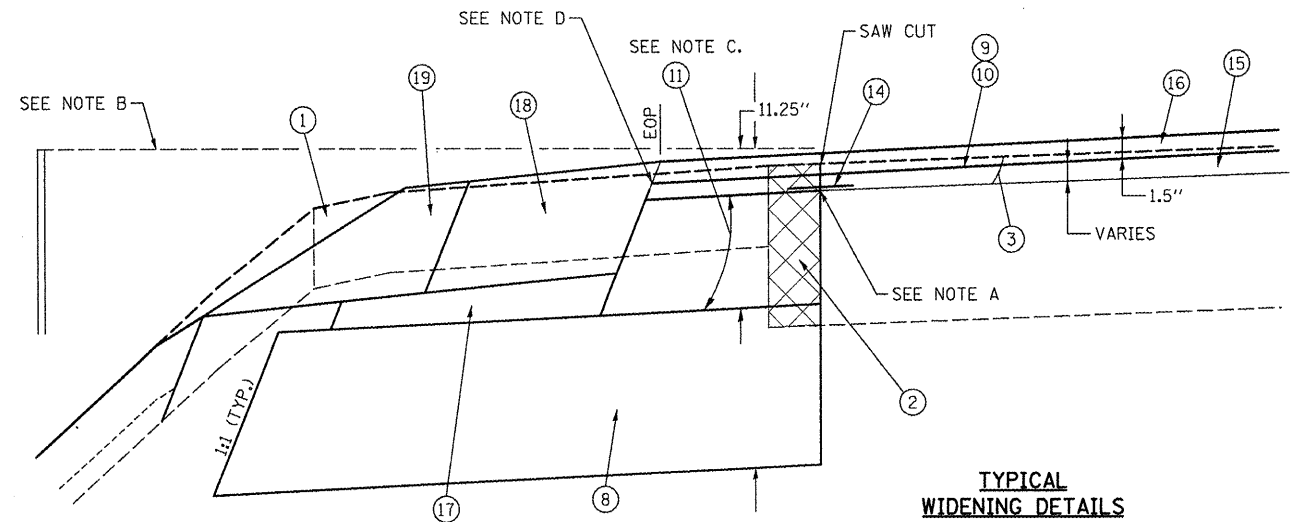
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PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED
 TYPICAL SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	7
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

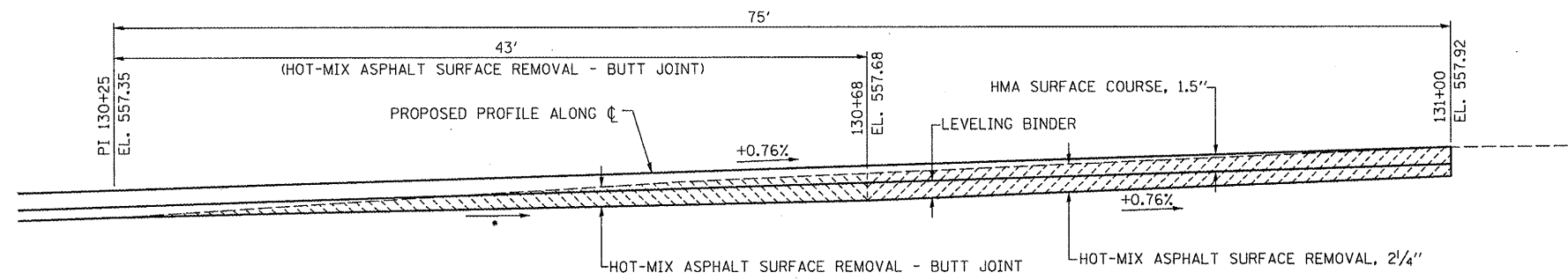


NOTES:

- A. CONTRACTOR SHALL PERFORM MILLING, IF REQUIRED AT A PARTICULAR SECTION, PRIOR TO SAWCUTTING EDGES OF PAVEMENT AND REMOVALS TO AVOID AN ELEVATION DIFFERENCE FOR MACHINE TREADS. SEE REMOVAL SCHEDULE.
- B. CONTRACTOR SHALL UTILIZE LOCAL GRADE CONTROL IN ORDER TO ESTABLISH DEPTH OF EXCAVATION FOR SUB-BASE GRANULAR MATERIAL AND HORIZONTAL CONTROLS TO ESTABLISH WIDTHS OF EXCAVATION AND PAVING.
- C. HMA WIDENING SHALL BE VARIABLE THICKNESS IN ORDER TO REMAIN FLUSH WITH MILLED SURFACES. QUANTITIES HEREIN REFLECT THIS.
- D. LEVELING BINDER'S DEPTH CONTROL SHALL BE BASED ON THE LOCAL GRADE CONTROLS AT EDGE OF PAVEMENT (EOP) OR AT CENTERLINE.

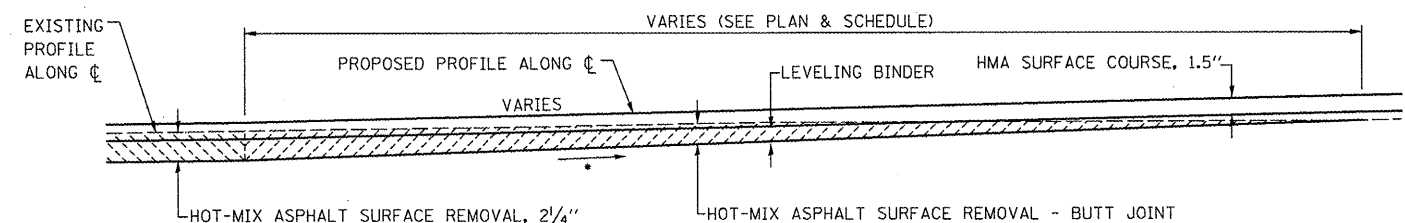
LEGEND

- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ② PAVEMENT REMOVAL
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25" OR - BUTT JOINT
- ④ TOPSOIL REMOVAL, 6" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)
- ⑤ EARTH EXCAVATION
- ⑥ EMBANKMENT (NOT A PAY ITEM. EARTH EXCAVATION OR FURNISHED EXCAVATION MATERIAL)
- ⑦ EMBANKMENT (NOT A PAY ITEM. TOPSOIL, EARTH EXCAV., OR FURNISHED EXCAVATION MATERIAL)
- ⑧ SUB-BASE GRANULAR MATERIAL TYPE C, 12"
- ⑨ BITUMINOUS MATERIALS (PRIME COAT)
- ⑩ AGGREGATE (PRIME COAT)
- ⑪ HOT-MIX ASPHALT BASE COURSE WIDENING
- ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑬ MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS
- ⑭ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑮ LEVELING BINDER (MACHINE METHOD), N70
- ⑯ HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (1.5")
- ⑰ SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑱ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑲ AGGREGATE SHOULDERS, TYPE B (8")
- ⑳ STONE DUMPED RIPRAP, CLASS A3 & FILTER FABRIC
- ㉑ TOPSOIL PLACEMENT, 4" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)



BUTT JOINT DETAIL STA. 130+25 TO STA. 130+68
(NOT TO SCALE)

• BASED ON A 240:1 (0.416%) RATE OF CHANGE FROM EXISTING SURFACE



TYPICAL BUTT JOINT DETAIL
(NOT TO SCALE)

• BASED ON A 240:1 (0.416%) RATE OF CHANGE FROM EXISTING SURFACE

MIXTURE COMPOSITION TABLE

MIXTURE USE:	SURFACE	BINDER	LEVELING BINDER
APPLICATION:	HMA SURFACE COURSE, MIX "D", N70	HMA BINDER COURSE, IL-19.0, N70	LEVELING BINDER (MACHINE METHOD), N70
AIR VOIDS / Ndes:	4.0% AT Ndes 70	4.0% AT Ndes 70	4.0% AT Ndes 70
PG BINDER GRADE:	PG 64-22	PG 64-22	PG 64-22
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-9.5
FRICITION AGGREGATE:	MIXTURE D	-	-
RAP% (MAX.):	10%	15%	10%
MIXTURE WEIGHT:	112 LBS./SQ. YD./INCH	112 LBS./SQ. YD./INCH	112 LBS./SQ. YD./INCH

MIXTURE USE:	BASE COURSE WIDENING	SHOULDERS
APPLICATION:	HMA BASE COURSE WIDENING	HMA SHOULDERS, 8"
AIR VOIDS / Ndes:	4.0% AT Ndes 70	2.0% AT Ndes 30
PG BINDER GRADE:	PG 64-22	PG 58-22
MIXTURE COMPOSITION:	IL-19.0	-
FRICITION AGGREGATE:	-	-
RAP% (MAX.):	15%	30%
MIXTURE WEIGHT:	112 LBS./SQ. YD./INCH	112 LBS./SQ. YD./INCH

PAVEMENT DESIGN INFORMATION

ROADWAY:	S. FOURTH ST.	ROADWAY:	S. FOURTH ST.	ROADWAY:	SIDE STREETS
FEATURE:	WIDENING	FEATURE:	MILL/OVERLAY	FEATURE:	NEW CONSTRUCTION
IDOT BLRM CHAPTER 37 METHOD:	FULL-DEPTH, MECHANISTIC	IDOT BLRM CHAPTER 37 METHOD:	MODIFIED-AASHTO OL'S ON EXIST. RIGID COMPOSITE	IDOT BLRM CHAPTER 37 METHOD:	FULL-DEPTH, MECHANISTIC
DESIGN LIFE:	20 YEARS	DESIGN LIFE:	20 YEARS	DESIGN LIFE:	20 YEARS
MID-LIFE YEAR:	2020	MID-LIFE YEAR:	2020	MID-LIFE YEAR:	2020
ADT, MID-LIFE:	5,385	ADT, MID-LIFE:	5,385	ADT, MID-LIFE:	EST. 1,800
1/2PV IN DESIGN LANE:	88	1/2PV IN DESIGN LANE:	88	1/2PV IN DESIGN LANE:	88
1/2SU IN DESIGN LANE:	7	1/2SU IN DESIGN LANE:	7	1/2SU IN DESIGN LANE:	7
1/2MU IN DESIGN LANE:	5	1/2MU IN DESIGN LANE:	5	1/2MU IN DESIGN LANE:	5
CLASS:	II	CLASS:	II	CLASS:	II
ACTUAL TRAFFIC FACTOR:	1.47	TYPE OF OVERLAY:	FUNCTIONAL	ACTUAL TRAFFIC FACTOR:	1.47
MIN. TRAFFIC FACTOR:	N/A	ACTUAL TRAFFIC FACTOR:	2.05	MIN. TRAFFIC FACTOR:	N/A
SSR:	POOR	MIN. TRAFFIC FACTOR:	N/A	SSR:	POOR
IMPROVED SUBGRADE:	12" MIN.	SUBGRADE/IBV:	A-6, IBV=3	IMPROVED SUBGRADE:	12" MIN.
PG BINDER:	64-22	FIG. 37-8M SN:	3.425	PG BINDER:	64-22
HMA MIXT. TEMP.:	82° F	EQN. CHECKED, 37-8.08(f):	37-8(3)	HMA MIXT. TEMP.:	82° F
HMA MICROSTRAIN:	9.5	Dc (in):	9	HMA MICROSTRAIN:	9.5
HMA E (ksi):	500	De (in):	N/A	HMA E (ksi):	500
† (inches):	11.25	Do (in):	2.71	† (inches):	8
NOTES:	UTILIZE AGGREGATE VS. LIME MODIF. FOR IMPROVED SUBGRADE - POSSIBLE INABILITY TO GET SCARIFICATION EQUIP. WITHIN NARROW WIDTH AND TO SPEED PLACEMENT. SHOULDERS TO BE 8" HMA DUE TO USE BY HEAVY TRUCKS & AGRICULTURAL VEHICLES.	NOTES:	AS SIGNIFICANT STRUCTURAL DEFICIENCIES ARE NOT EVIDENT (EXCEPT AT EDGES IN SOME SECTIONS AND THESE WILL BE REMOVED), THIS IS A FUNCTIONAL OVERLAY NOT REQUIRING A STRUCTURAL DESIGN. A CHECK OF ADEQUATE HMA THICKNESS USING EQN. 37-8(3) WAS MADE, HOWEVER, TO COMPARE WITH EXISTING 2"-4" HMA OVER 9" PCC (RESULTS ABOVE).	NOTES:	UTILIZE AGGREGATE VS. LIME MODIF. FOR IMPROVED SUBGRADE AS THIS IS WHAT IS PROPOSED ON S. FOURTH ST. PUBLISHED (BOWMAN'S 2006 ADT=325) NOT COUNTED ADT'S UTILIZED. ESTIMATED THAT DEMOULIN AND MONROE'S ADT LARGER THAN OTHER SIDE STREETS DUE TO FACTORY. USED THIS FOR ALL SIDE STREETS ALONG S. FOURTH ST.

FILE NAME : TYPICAL SECTIONS.6314.dgn
#FILE#
HMG JOB NO. 6314.1

USER NAME : #USER#	DESIGNED - CRW	REVISED -
PLOT SCALE : #SCALE#	DRAWN - EDW	REVISED -
PLOT DATE : #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS, DETAILS,			
BUTT JOINT DETAILS & PAVEMENT DESIGN			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	8
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

LOCATION	1	2	3*	4*	5	6	7	8	9	10	11	12*
	TOPSOIL EXCAVATION, 6"	TOPSOIL EXCAVATION, 6" x SHRINKAGE FACTOR	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION (BELOW TOP- SOIL EXCAV.)	EARTH EXCAVATION x SHRINKAGE FACTOR	EMBANKMENT (6)	EMBANKMENT (7)	TOPSOIL PLACEMENT, 4"	TOPSOIL PLACEMENT, 4"	BALANCE TOPSOIL (-) WASTE (+) BORROW	BALANCE (-) WASTE (+) BORROW	TOPSOIL EXCAVATION AND PLACEMENT
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	SO. YD.	CU. YD.	SO. YD.	CU. YD.	CU. YD.
S. FOURTH ST. (INCLUDING SIDE STREETS AND ENTRANCES)	1,159	869	1,049	2,734	2,051	445	276	5,616	624	-245	-1,330	624
SIDE STREETS & ENTRANCES	84	63	117	96	72	8	-	378	42	-21	-64	42
TOTALS:	1,243	932	1,166	2,830	2,123	453	276	5,994	666	-266	-1,394	666

NOTES:

* = PAY ITEM

COLUMN 1 = BASED ON SOIL BORINGS. SEE TYPICAL SECTIONS TO SEE LIMITS OF REMOVAL.

COLUMN 2 = COLUMN 1 x 0.75, FOR CONSERVATIVE ESTIMATE OF MATERIAL THAT CAN BE USED.

COLUMN 3 = EXIST. BITUMINOUS SURFACE (OIL & CHIP) AND AGGREGATE 8" THICK. CAN NOT BE USED ON SITE.

COLUMN 4 = BENEATH TOPSOIL EXCAV. & BITUM. SURF. CAN BE USED FOR COL. 6 MATERIAL.

COLUMN 5 = COLUMN 4 x 0.75, FOR CONSERVATIVE ESTIMATE OF MATERIAL THAT CAN BE USED.

COLUMN 6 = EMBANKMENT UNDER PAVEMENT AND SHOULDERS & FUTURE SIDEWALK ON EAST SIDE OF S. FOURTH ST. SEE ITEM 6. ON TYPICAL SECTIONS.

COLUMN 7 = EMBANKMENT FOR AREAS BEYOND PAVEMENT AND SHOULDERS WHERE FUTURE SIDEWALK IS NOT IMMEDIATE (PRIMARILY ON WEST SIDE OF S. FOURTH ST.). SEE ITEM 7. ON TYPICAL SECTIONS.

COLUMN 8 = MATERIAL FROM COLUMN 1 TO BE PLACED ON TOP OF EMBANKMENT AND EXCAVATED AREAS.

COLUMN 9 = COLUMN 8 X (4" / 12" / 3 FT./S.Y.).

COLUMN 10 = COLUMN 9 - 2.

COLUMN 11 = COLUMN 6. + 7. - 5.

COLUMN 12 = COLUMN 9 (DOES NOT INCLUDE TOTAL REMOVAL QUANTITY REQUIRED PER TYPICAL SECTIONS AND COLUMN 1).

PAVEMENT REMOVAL SCHEDULE

LOCATION	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL
	SQ YD	SQ YD	SQ YD
FAU RTE 9833 (FOURTH STREET)			
HMA SURFACE REMOVAL			
STA 99+83.98 TO STA 101+40.93	717.1		
STA 101+40.93 TO STA 101+89.59		142.1	
STA 107+24.99 TO STA 107+69.47		105.0	
STA 107+69.47 TO STA 118+03.52	2369.98		
STA 118+03.52 TO STA 118+53.52		113.9	
STA 130+25.02 TO STA 130+68.02		97.5	
STA 130+68.02 TO STA 131+00.00	72.7		
PAVEMENT REMOVAL			
LT STA 100+27.98 TO STA 105+00.00			102.7
RT STA 99+35.36 TO STA 105+00.00			232.6
LT STA 105+00.00 TO STA 110+00.00			33.7
RT STA 105+00.00 TO STA 110+00.00			79.1
LT STA 110+00.00 TO STA 115+00.00			36.7
RT STA 110+00.00 TO STA 115+00.00			54.8
LT STA 115+00.00 TO STA 120+00.00			17.7
RT STA 115+00.00 TO STA 120+00.00			59.3
LT STA 120+00.00 TO STA 125+00.00			36.4
RT STA 120+00.00 TO STA 125+00.00			47.6
LT STA 125+00.00 TO STA 130+00.00			42.5
RT STA 125+00.00 TO STA 130+00.00			44.1
LT STA 130+00.00 TO STA 131+00.00			7.8
RT STA 130+00.00 TO STA 131+00.00			7.5
TOTAL	3159.8	458.5	802.5
USE	3160	459	803

PAVING SCHEDULE

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE C 12"	* BITUMINOUS MATERIALS (PRIME COAT)	** AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N70	HMA BINDER COURSE, IL 19.0, N70	HMA SURFACE COURSE, MIX "D" N70
	SQ YD	GALLON	TON	TON	TON	TON
FAU RTE 9833 (FOURTH STREET)						
STA 99+16.24 TO STA 105+00.00		285.25	5.70	126.10	71.47	159.74
STA 105+00.00 TO STA 110+00.00		200.00	4.00	95.54		112.00
STA 110+00.00 TO STA 115+00.00		200.00	4.00	94.21		112.00
STA 115+00.00 TO STA 120+00.00		200.00	4.00	106.10		112.00
STA 120+00.00 TO STA 125+00.00		200.00	4.00	158.00		112.00
STA 125+00.00 TO STA 130+00.00		200.00	4.00	77.27		112.00
STA 130+00.00 TO STA 131+00.00		37.77	0.76	28.46		21.15
STA 122+88.23 RT EAST HILLVIEW AVE	97.25	46.03	0.43		46.41	10.71
STA 124+33.43 LT WEST HILLVIEW AVE	120.27	57.26	0.54		59.01	13.62
TOTAL	217.5	1,426.3	27.4	685.7	176.9	765.2
USE	218	1,427	28	686	177	766

- * - MAINLINE -> TWO COATS AT 0.075 GAL/SQ YD
- * - SIDEROADS -> ONE COAT AT 0.375 GAL/SQ YD AND ONE COAT AT 0.075 GAL/SQ YD
- ** - MAINLINE -> TWO COATS AT 3.0 LB/SQ YD
- ** - SIDEROADS -> ONE COAT AT 5.0 LB/SQ YD AND ONE COAT AT 3.0 LB/SQ YD

CRACK CONTROL TREATMENT

LOCATION	STRIP REFLECTIVE CRACK CONTROL TREATMENT
	FOOT
FAU RTE 9833 (FOURTH STREET)	
LT STA 99+35.36 TO 105+00.00	607.76
RT STA 100+27.98 TO 105+00.00	538.00
LT STA 105+00.00 TO 110+00.00	500.00
RT STA 105+00.00 TO 110+00.00	500.00
LT STA 110+00.00 TO 115+00.00	500.00
RT STA 110+00.00 TO 115+00.00	500.00
LT STA 115+00.00 TO 120+00.00	500.00
RT STA 115+00.00 TO 120+00.00	500.00
LT STA 120+00.00 TO 125+00.00	500.00
RT STA 120+00.00 TO 125+00.00	500.00
LT STA 125+00.00 TO 130+00.00	500.00
RT STA 125+00.00 TO 130+00.00	500.00
LT STA 130+00.00 TO 131+00.00	100.00
RT STA 130+00.00 TO 131+00.00	100.00
TOTAL	6,345.8
USE	6,346

SHOULDER AND WIDENING SCHEDULE

LOCATION	• BITUMINOUS MATERIALS (PRIME COAT)	•• BITUMINOUS MATERIALS (PRIME COAT)	••• AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE SHOULDERS, TYPE B	SUB-BASE GRANULAR MATERIAL, TYPE C	SUB-BASE GRANULAR MATERIAL, TYPE C 12"	•••• HMA BINDER COURSE, IL 19.0, N70	HOT-MIX ASPHALT BASE COURSE WIDENING
	GALLON	GALLON	TON	SQ YD	TON	TON	SQ YD	TON	TON
FAU RTE 9833 (FOURTH STREET)									
RT STA 99+16.24 TO 105+00.00	12.79	318.05	2.38	170.47	24.64	57.61	848.14	230.52	
LT STA 99+16.24 TO 105+00.00	15.96	274.37	2.15	212.81	30.38	70.03	731.64	118.77	110.30
RT STA 105+00.00 TO 110+00.00	12.50	177.08	1.43	166.67	23.46	44.60	472.22		
LT STA 105+00.00 TO 110+00.00	12.50	177.08	1.43	166.67	28.14	47.49	472.22		176.10
RT STA 110+00.00 TO 115+00.00	12.50	177.08	1.43	166.67	30.61	43.27	472.22		
LT STA 110+00.00 TO 115+00.00	12.50	177.08	1.43	166.67	25.71	41.19	472.22		168.00
RT STA 115+00.00 TO 120+00.00	12.50	177.08	1.43	166.67	28.47	38.60	472.22		
LT STA 115+00.00 TO 120+00.00	12.50	177.08	1.43	166.67	30.61	38.56	472.22		163.70
RT STA 120+00.00 TO 125+00.00	10.95	177.08	1.40	146.00	26.76	34.82	472.22		
LT STA 120+00.00 TO 125+00.00	10.45	177.08	1.39	139.31	25.54	32.91	472.22		147.90
RT STA 125+00.00 TO 130+00.00	12.50	177.08	1.43	166.67	26.49	39.13	472.22		
LT STA 125+00.00 TO 130+00.00	12.50	177.08	1.43	166.67	29.35	42.84	472.22		170.30
RT STA 130+00.00 TO 131+00.00	2.50	32.67	0.27	33.34	6.11	7.71	87.13		
LT STA 130+00.00 TO 131+00.00	2.50	32.63	0.27	33.34	6.11	7.71	87.02		23.26
TOTAL	155.2	2,428.5	19.3	2,068.6	342.4	546.5	6,476.1	349.3	959.6
USE		2,584	20	2,069	343	547	6,477	350	960

- - APPLICATION RATE USED WAS 0.075 GAL/SQ YD
- - APPLICATION RATE USED WAS 0.375 GAL/SQ YD
- - APPLICATION RATE USED WAS 5 LB/SQ YD ON HMA AND 3 LB/SQ YD ON AGG
- - 99+16.24 TO 101+89.92, THE WIDENING WILL BE PAID FOR AS HMA BINDER COURSE, IL 19.0, N70

SAWING PAVEMENT (FULL DEPTH)

LOCATION	SAWING PAVEMENT (FULL DEPTH)
	FOOT
FAU RTE 9833 (FOURTH STREET)	
LT STA 99+83.85 TO 100+47.99	155.7
RT STA 99+83.85 TO 101+89.92	227.9
LT STA 100+47.99 TO 131+00.00	3,052.0
RT STA 101+89.92 TO 131+00.00	2,910.1
TOTAL	6,345.7
USE	6,346

WORKZONE PAVEMENT MARKING SCHEDULE

LOCATION	• SHORT-TERM PAVEMENT MARKING	•• TEMPORARY PAVEMENT MARKING	••• WORKZONE PAVEMENT MARKING REMOVAL
	FOOT	FOOT	SQ FT
FAU RTE 9833 (FOURTH STREET)			
PAVEMENT MARKINGS - STOP BAR			
STA 100+69.83 LT		24.0	
PAVEMENT MARKINGS - CENTERLINE			
STA 100+69.83 TO STA 103+25.00	912.0	512.0	76.0
STA 103+25.00 TO STA 131+00.00		1,388.0	
TOTAL	912.0	1,924.0	76.0
USE	912	1,924	76

- - THREE APPLICATIONS OF THE CENTERLINE ONLY
- - TWO APPLICATIONS OF THE CENTERLINE AND STOP BARS ALONG FOURTH STREET
- - REMOVAL OF ONE (1) APPLICATION OF SHORT-TERM PAVEMENT MARKING

PAVEMENT MARKING SCHEDULE

LOCATION	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)	THERMOPLASTIC PAVEMENT MARKING - LINE 4"			THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
		4" WHITE (EDGE)	4" YELLOW (SKIP-DASH)	4" YELLOW (DOUBLE)		
		EACH	FOOT	FOOT		
FAU RTE 9833 (FOURTH STREET)						
RAISED REFLECTIVE PAVEMENT MARKERS						
STA 100+94.83 TO STA 102+94.83	3.0					
@ 80' SPACINGS						
STA 102+94.83 TO STA 130+15.64	34.0					
@ 80' SPACINGS						
PAVEMENT MARKINGS - STOP BAR						
STA 1872+92.50 RT						10.3
STA 1874+94.71 LT						11.5
STA 100+69.83 LT						11.5
STA 1000+22.00 LT					15.4	
STA 200+77.60 RT					15.8	
PAVEMENT MARKINGS - OUTER EDGE OF TRAVEL LANE						
STA 99+16.68 TO STA 123+93.37 LT		2,534.2				
STA 124+73.42 TO STA 131+00.00 LT		626.6				
STA 100+30.05 TO STA 122+53.73 RT		2,271.6				
STA 123+20.13 TO STA 131+00.00 RT		779.9				
PAVEMENT MARKINGS - CENTERLINE						
STA 100+69.83 TO STA 103+25.00				510.3		
STA 103+25.00 TO STA 131+00.00			693.8			
TOTAL	37.0	6,212.3	693.8	510.3	31.2	33.3
USE	37	6,212.3	7,417	510.3	32	34

PATCHING SCHEDULE

LOCATION			SAWCUTS	CLASS B PATCH - EXPANSION JOINT	DOWEL BARS 1 1/2"	DEFORMED BARS - EXPANSION JOINT	PAVEMENT FABRIC	SUB-BASE GRANULAR MATERIAL, TYPE C	CLASS B PATCHES, TYPE II, 12"		CLASS B PATCHES, TYPE III, 12"	
FAU ROUTE 9833 (FOURTH STREET)			FOOT	FOOT	EACH	EACH	SQ YD	TON	SQ YD	SQ YD	SQ YD	SQ YD
		WIDTH	LENGTH						LEFT OF CENTERLINE	RIGHT OF CENTERLINE	LEFT OF CENTERLINE	RIGHT OF CENTERLINE
		FT	FT									
STA	102+09.86	24	6	78	24	16		3.6	8.0	8.0		
STA	102+65.85	23	6	75		32		3.5	7.7	7.7		
STA	103+67.32	23	7	76		32		4.1	8.9	8.9		
STA	104+60.94	21	6	69		32		3.2	7.0	7.0		
STA	104+77.39	21	6	69		32		3.2	7.0	7.0		
STA	105+66.87	22	8	74	22	16		4.5	9.8	9.8		
STA	106+67.08	20	7	67		32		3.5	7.8	7.8		
STA	107+67.36	21	9	72		32		4.8	10.5	10.5		
STA	109+77.43	21	7	70		32		3.7	8.2	8.2		
STA	110+78.21	21	10	73		32		5.3	11.7	11.7		
STA	111+77.62	20	7	67	20	16		3.5	7.8	7.8		
STA	112+38.54	20	6	66		32		3.0	6.7	6.7		
STA	112+78.78	20	7	67		32		3.5	7.8	7.8		
STA	113+69.89	20	6	66		32		3.0	6.7	6.7		
STA	114+77.33	20	6	66		32		3.0	6.7	6.7		
STA	115+10.76	20	8	68	20	16		4.0	8.9	8.9		
STA	115+75.66	21	6	69		32		3.2	7.0	7.0		
STA	116+29.35	20	6	66		32		3.0	6.7	6.7		
STA	116+77.05	20	9	69		32		4.6	10.0	10.0		
STA	117+78.77	21	6	69		32		3.2	7.0	7.0		
STA	118+78.73	20	7	67	20	16		3.5	7.8	7.8		
STA	119+79.36	21	6	69		32		3.2	7.0	7.0		
STA	120+78.35	20	6.5	66.5		32		3.3	7.2	7.2		
STA	121+81.44	20	6	66		32		3.0	6.7	6.7		
STA	122+81.79	23	12	81		32	30.6	7.0			15.3	15.3
STA	123+79.11	21	11	74	21	16		5.8	12.8	12.8		
STA	125+90.14	21	10.5	73.5		32		5.6	12.3	12.3		
STA	126+71.33	20	12	72		32		6.1	13.3	13.3		
STA	127+73.85	21	6.5	69.5		32		3.5	7.6	7.6		
STA	129+70.24	20	8	68		32		4.0	8.9	8.9		
STA	130+64.21	21	15	78	21	16	35.0	8.0			17.5	17.5
TOTAL				2,180.5	148	880	65.6	126.4	245.5	245.5	32.8	32.8
USE				2,181	148	880	66	127	491	491	66	66

LOCATION SHOWN IS MIDDLE OF THE PATCH. EXTENTS OF PATCH CAN BE FOUND BY ADDING/SUBTRACTING HALF THE PATCH LENGTH FROM THE LOCATION.
 APPROXIMATE AREAS SHOWN ABOVE. ACTUAL DIMENSIONS TO BE DETERMINED IN FIELD.
 EACH PATCH SHALL BE PLACED IN TWO OPERATIONS TO ALLOW ROADWAY TO REMAIN OPEN.

TREE SCHEDULE

Table with columns: LOCATION, EASTERN REDBUD TREES (CERCIS CANADENSIS), EACH. Rows include stationing from 100+28.33 to 118+94.16.

TREE SCHEDULE

Table with columns: LOCATION, EASTERN REDBUD TREES (CERCIS CANADENSIS), EACH. Rows include stationing from 119+18.74 to 1878+74.84.

TREE SCHEDULE

Table with columns: LOCATION, EASTERN REDBUD TREES (CERCIS CANADENSIS), EACH. Rows include stationing from 1879+29.83 to 1918+02.45.

TREE SCHEDULE

Table with columns: LOCATION, EASTERN REDBUD TREES (CERCIS CANADENSIS), EACH. Rows include stationing from 1918+57.45 to 1932+53.46, plus a TOTAL and USE summary row.

EROSION CONTROL

LOCATION	HEAVY DUTY EROSION CONTROL BLANKET	INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECKS
	SQ YD	EACH	FOOT
FAU RTE 9833 (FOURTH STREET)			
LT STA 99+26.19 TO STA 101+46.69	263.5		
LT STA 99+73.80 79.45'		1	
LT STA 100+12.99 57.30'			10
RT STA 100+39.35 TO STA 102+06.33	186.3		
LT STA 100+70.00 32.21'			10
RT STA 100+85.35 82.95'			10
LT STA 101+33.73 30.53'		1	
RT STA 101+41.24 52.57'			10
LT STA 101+68.34 TO STA 103+79.80	212.8		
LT STA 101+84.38 30.94'		1	
RT STA 101+84.39 30.34'		1	
RT STA 101+84.39 35.59'		1	
RT STA 102+40.00 TO STA 103+12.90	83.8		
RT STA 102+51.46 30.50'		1	
RT STA 102+51.46 35.75'		1	
LT STA 102+68.54 31.33'			10
RT STA 102+96.34 33.02'		1	
RT STA 102+96.37 27.72'		1	
RT STA 103+46.22 TO STA 105+36.23	181.3		
RT STA 103+63.23 27.63'		1	
RT STA 103+63.23 32.92'		1	
LT STA 103+63.52 30.15'		1	
LT STA 104+13.80 TO STA 104+59.30	67.7		
LT STA 104+27.02 30.11'		1	
RT STA 104+38.61 28.90'			10
LT STA 104+45.28 30.28'		1	
LT STA 104+89.30 TO STA 107+95.12	294.6		
LT STA 105+01.97 29.85'		1	
RT STA 105+12.68 26.91'		1	
RT STA 105+54.45 TO STA 107+02.93	147.1		
RT STA 105+64.72 27.77'		1	
LT STA 106+01.10 28.57'			10
RT STA 106+24.98 28.90'			10
RT STA 106+91.31 27.94'		1	
LT STA 107+00.80 28.13'			10
RT STA 107+12.78 TO STA 109+60.87	235.3		
RT STA 107+24.41 28.42'		1	
LT STA 107+78.07 28.94'		1	
RT STA 108+00.01 27.93'			10
LT STA 108+04.07 TO STA 109+90.95	192.1		
LT STA 108+22.53 29.80'		1	
RT STA 108+99.32 27.93'			10
LT STA 109+00.75 30.27'			10
RT STA 109+50.93 29.46'		1	
RT STA 109+73.63 TO STA 122+77.14	1,204.4		
LT STA 109+75.70 27.46'		1	
RT STA 109+84.45 29.42'		1	
LT STA 110+24.30 TO STA 111+39.60	121.1		
LT STA 110+38.75 29.24'		1	
LT STA 110+81.29 28.08'			10
RT STA 111+00.86 28.63'			10
LT STA 111+25.05 28.50'		1	
LT STA 111+73.60 TO STA 124+23.28	1,157.7		
LT STA 111+88.14 27.20'		1	
RT STA 111+99.96 28.97'			10
LT STA 112+99.10 25.56'			10
RT STA 113+00.00 30.03'			10
LT STA 113+98.41 25.56'			10
RT STA 114+00.06 28.97'			10
LT STA 114+97.72 25.56'			10
RT STA 114+98.65 27.52'			10
LT STA 116+32.38 30.28'		1	
RT STA 116+33.06 31.00'		1	
LT STA 116+98.52 30.70'			10
RT STA 117+51.89 32.52'			10
LT STA 117+99.88 29.82'			10
RT STA 118+20.24 32.11'		1	
RT STA 118+69.16 31.97'		1	
LT STA 119+00.27 30.67'			10

EROSION CONTROL

LOCATION	HEAVY DUTY EROSION CONTROL BLANKET	INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECKS
	SQ YD	EACH	FOOT
FAU RTE 9833 (FOURTH STREET)			
RT STA 119+01.71 31.49'			10
LT STA 119+99.99 28.04'			10
RT STA 119+99.99 31.49'			10
LT STA 120+99.10 29.14'			10
RT STA 120+99.34 31.28'			10
RT STA 121+98.55 30.86'			10
LT STA 121+99.96 29.14'			10
RT STA 122+54.33 32.03'		1	
RT STA 122+68.85 50.20'		1	
RT STA 122+96.24 TO STA 125+61.38	258.0		
LT STA 123+01.04 27.12'			10
RT STA 123+08.92 50.57'		1	
RT STA 123+23.55 31.91'		1	
RT STA 123+66.39 28.26'			10
LT STA 124+01.53 27.22'		1	
LT STA 124+01.53 32.47'		1	
LT STA 124+16.04 51.54'		1	
LT STA 124+43.63 TO STA 128+13.98	354.3		
LT STA 124+48.13 51.21'		1	
RT STA 124+58.67 26.53'			10
LT STA 124+64.95 27.25'		1	
LT STA 124+64.98 32.53'		1	
RT STA 125+49.26 29.18'		1	
LT STA 125+53.28 29.70'			10
RT STA 125+76.22 TO STA 131+25.62	635.2		
RT STA 125+87.33 28.98'		1	
LT STA 126+54.36 27.93'			10
RT STA 126+69.24 29.11'		1	
RT STA 126+97.27 29.11'		1	
LT STA 127+48.35 27.64'			10
LT STA 127+99.66 26.62'		1	
RT STA 128+01.89 28.96'			10
LT STA 128+27.14 TO STA 131+26.59	277.1		
LT STA 128+44.65 25.54'		1	
LT STA 128+97.07 28.05'			10
RT STA 129+03.46 32.72'			10
RT STA 129+99.65 31.05'			10
LT STA 129+99.71 28.52'			10
TOTAL	5,872.3	47	430
USE	5,873	47	430

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HMG JOB NO. 6314.1

USER NAME = #USER#

PLOT SCALE = #SCALE#

PLOT DATE = #DATE#

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	14
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

PIPE CULVERTS, BACKFILL, APPURTENANCES, & RIPRAP SCHEDULE

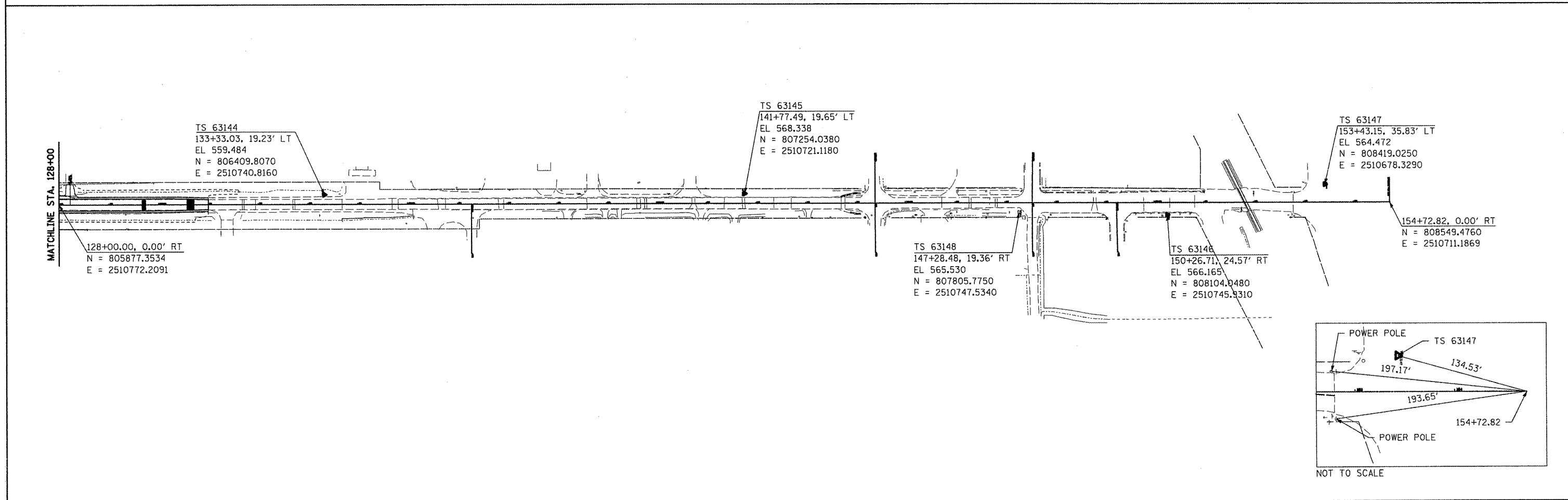
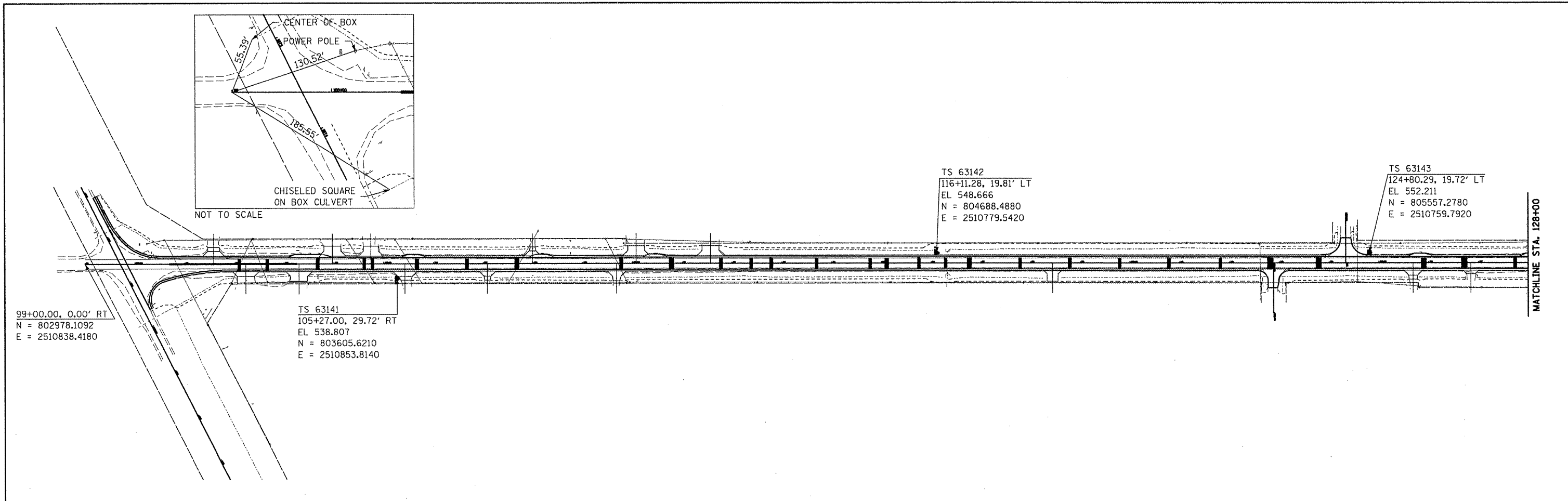
LOCATION	GRANULAR BACKFILL	STONE DUMPED RIPRAP, CLASS A3	FILTER FABRIC	PIPE CULVERT REMOVAL	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 1 24"	PIPE CULVERTS, CLASS D, TYPE 1 12"	PIPE CULVERTS, CLASS D, TYPE 1 24"	PIPE CULVERTS, CLASS D, TYPE 1 30"	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	END SECTIONS 12"	END SECTIONS 24"	END SECTIONS 30"	END SECTIONS 36"	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 18" RISER
FAU RTE 9833 (FOURTH STREET)																		
LT STA 101+38.66 TO STA 101+79.42		36	36														2	
RT STA 101+86.00 TO STA 102+49.83	40.3	28	28	48.0						120.0								4
RT STA 102+98.07 TO STA 103+61.90	39.8	28	28	36.0						120.0								4
LT STA 103+67.63 TO STA 104+22.89		30	30						10.0						2			
LT STA 104+48.20 TO STA 104+98.91		26	26					10.0						2				
RT STA 105+15.71 TO STA 105+61.69		26	26											2				
RT STA 106+94.24 TO STA 107+21.52		26	26					3.0						2				
LT STA 107+80.70 TO STA 108+23.30		26	26					7.0						2				
RT STA 109+52.90 TO STA 109+82.90	13.2	22	22	31.0			60.0						4	-				
LT STA 109+78.49 TO STA 110+35.75		26	26					5.0						2				
LT STA 111+27.86 TO STA 111+85.35		26	26					10.0						2				
LT STA 116+00.00 TO STA 121+50.00		746	746															
RT STA 115+99.78 TO STA 118+27.33		252	252															
RT STA 118+59.77 TO STA 122+60.30		435	435															
RT STA 118+24.11 TO STA 118+64.11	15.0	26	26	30.0					40.0						2			
RT STA 125+52.40 TO STA 125+83.93								9.0						2				
LT STA 128+02.66 TO STA 128+40.97		26	26					8.0						2				
EAST HILLVIEW AVE. (w/FOURTH ST. STATIONING)																		
RT STA 122+58.88 TO STA 123+18.87	67.7	29	29	33.0	28.6	44.0					2	2						2
WEST HILLVIEW AVE. (w/FOURTH ST. STATIONING)																		
LT STA 124+06.13 TO STA 124+60.13	27.7	52	52	37.0	28.6	92.0					2	4						2
TOTAL	203.7	1,866	1,866	215.0	57.2	136.0	60.0	52.0	50.0	240.0	4	6	4	16	4	2	8	4
USE	203.7	1,866	1,866	215	58	136	60	52	50	240	4	6	4	16	4	2	8	4

SEEDING SCHEDULE

LOCATION	INTERSEEDING, CLASS 2A	MOWING	TEMPORARY EROSION CONTROL SEEDING	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE
	ACRE	ACRE	POUND	ACRE	POUND	POUND	POUND	TON
FAU RTE 9833 (FOURTH STREET)								
LT STA 99+26.19 TO STA 101+46.69	0.233	0.233	23.3	0.178	20.96	20.96	20.96	0.47
RT STA 100+44.77 TO STA 102+06.33	0.209	0.209	20.9	0.170	18.79	18.79	18.79	0.42
LT STA 101+68.34 TO STA 103+79.80	0.144	0.144	14.4	0.100	12.92	12.92	12.92	0.29
RT STA 102+40.00 TO STA 103+12.90	0.032	0.032	3.2	0.015	2.92	2.92	2.92	0.06
RT STA 103+46.22 TO STA 105+36.23	0.086	0.086	8.6	0.049	7.77	7.77	7.77	0.17
LT STA 104+13.80 TO STA 104+59.30	0.031	0.031	3.1	0.017	2.79	2.79	2.79	0.06
LT STA 104+89.30 TO STA 107+95.12	0.215	0.215	21.5	0.154	19.36	19.36	19.36	0.43
RT STA 105+54.45 TO STA 107+02.93	0.067	0.067	6.7	0.037	6.03	6.03	6.03	0.13
RT STA 107+12.78 TO STA 109+60.87	0.116	0.116	11.6	0.068	10.46	10.46	10.46	0.23
LT STA 108+04.07 TO STA 109+90.95	0.130	0.130	13.0	0.090	11.67	11.67	11.67	0.26
RT STA 109+73.63 TO STA 122+77.14	0.607	0.607	60.7	0.359	54.66	54.66	54.66	1.21
LT STA 110+24.30 TO STA 111+39.60	0.052	0.052	5.2	0.027	4.67	4.67	4.67	0.10
LT STA 111+73.60 TO STA 124+23.28	0.613	0.613	61.3	0.374	55.21	55.21	55.21	1.23
RT STA 122+96.24 TO STA 125+61.38	0.128	0.128	12.8	0.074	11.48	11.48	11.48	0.26
LT STA 124+43.63 TO STA 128+13.98	0.216	0.216	21.6	0.143	19.45	19.45	19.45	0.43
RT STA 125+76.22 TO STA 131+25.62	0.387	0.387	38.7	0.255	34.79	34.79	34.79	0.77
LT STA 128+27.14 TO STA 133+76.30	0.341	0.341	34.1	0.284	30.72	30.72	30.72	0.68
TOTAL	3.607	3.607	360.7	2.394	324.65	324.65	324.65	7.20
USE	3.75	3.75	361	2.50	338	338	338	7.5

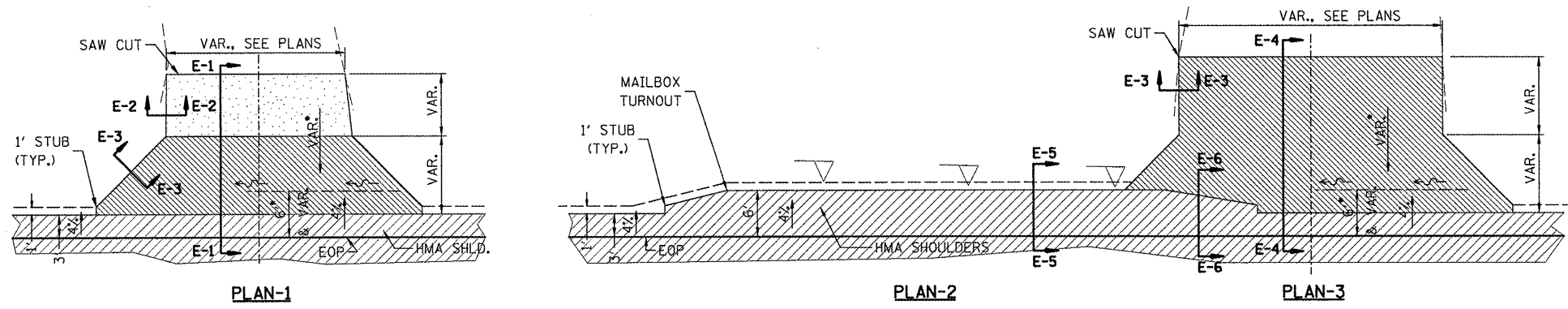
GRADING AND SHAPING DITCHES

LOCATION	GRADING AND SHAPING DITCHES
	FOOT
FAU RTE 9833 (FOURTH STREET)	
LT STA 99+75.07 TO STA 100+30.70	66.0
LT STA 100+30.70 TO STA 101+34.00	106.0
LT STA 101+85.40 TO STA 103+63.40	178.0
RT STA 100+82.60 TO STA 101+86.00	104.0
RT STA 102+49.83 TO STA 102+98.07	48.0
RT STA 103+61.90 TO STA 105+12.30	151.0
LT STA 104+27.10 TO STA 104+44.80	18.0
LT STA 105+02.30 TO STA 107+77.30	275.0
RT STA 105+65.10 TO STA 106+90.80	126.0
RT STA 107+24.10 TO STA 109+51.18	226.0
LT STA 108+23.30 TO STA 109+75.10	152.0
RT STA 109+84.62 TO STA 116+00.00	616.0
LT STA 110+39.20 TO STA 111+24.10	82.0
LT STA 111+88.80 TO STA 116+03.90	415.0
RT STA 116+00.00 TO STA 116+30.00	30.0
LT STA 122+60.00 TO STA 124+00.00	140.0
RT STA 123+25.00 TO STA 125+49.00	223.0
LT STA 124+66.25 TO STA 127+99.20	333.0
RT STA 125+84.40 TO STA 130+73.00	486.0
LT STA 127+44.40 TO STA 131+60.00	416.0
TOTAL	4,191.0
USE	4,191



FILE NAME =	USER NAME = \$USER\$	DESIGNED - CRW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL AND VERTICAL CONTROL - FOURTH STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - EDW	REVISED -					9833	05-00016-02-WR	BOND	85	17
HMG JOB NO. 6314.1	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 97426				
	PLOT DATE = \$DATE\$	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, ILL. 62231 PHONE (618)594-3711 WWW.HMGENGINEERS.COM

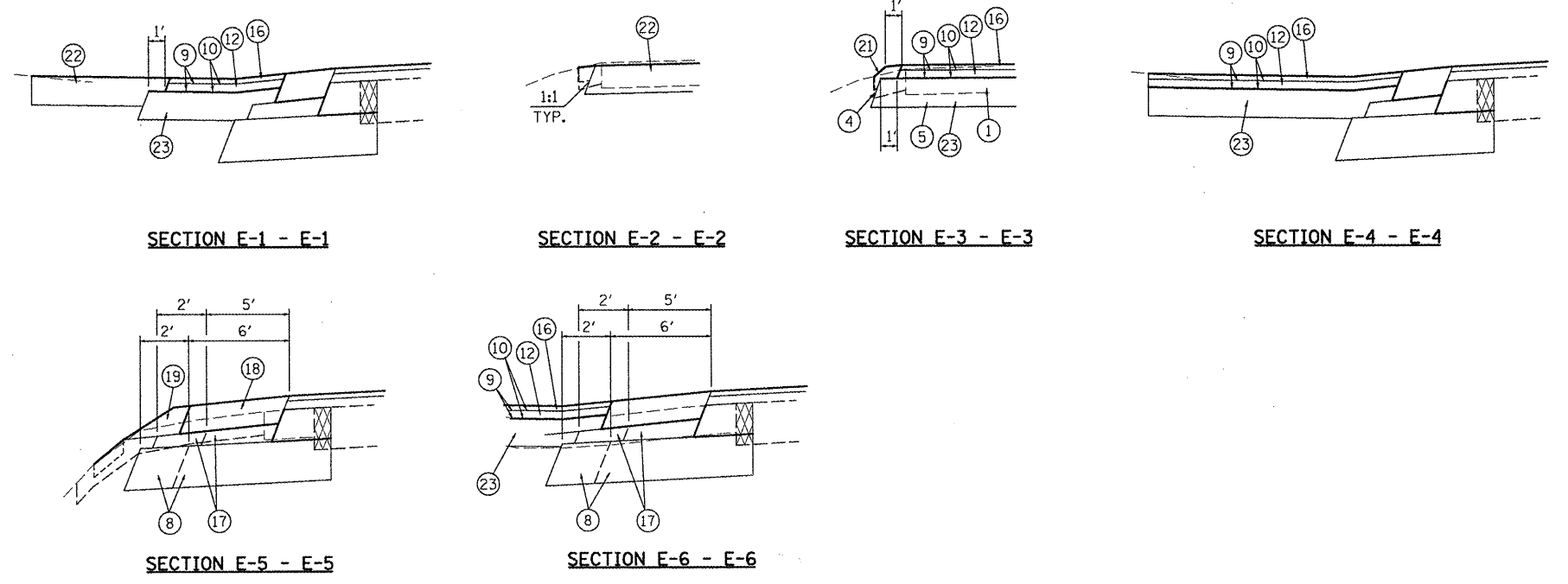


LEGEND

FINAL SURFACING W/ HMA ON ENTRANCE
 FINAL SURFACING W/HMA ON ROADWAY
 FINAL SURFACING W/ AGGREGATE
 PROPOSED DIRECTION OF FLOW (TYPICALLY WILL FOLLOW ROADWAY PROFILE THROUGH ENTRANCE)

* CONTRACTOR SHALL UTILIZE DIMENSIONS SHOWN ON CROSS SECTIONS AT ENTRANCES TO ESTABLISH ENTRANCE SLOPES AND LOCATIONS OF GRADE CHANGES. MOST ENTRANCES HAVE SLOPES NEAR EOP AT 4% TO A POINT WITHIN THE ENTRANCE IN ORDER TO MINIMIZE THE QUANTITY OF SURFACE RUNOFF FROM PROPERTIES VIA ENTRANCES REACHING THE ROADWAY.
 FAILURE ON THE PART OF THE CONTRACTOR TO EFFECT SLOPES SHOWN ON THE CROSS SECTIONS OR CONSULT WITH THE ENGINEER PRIOR TO INITIAL GRADING OF ENTRANCES MAY RESULT IN THE CONTRACTOR HAVING TO REMOVE INSTALLATION.

- LEGEND**
- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 - ② PAVEMENT REMOVAL
 - ③ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25" OR - BUTT JOINT
 - ④ TOPSOIL REMOVAL, 6" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)
 - ⑤ EARTH EXCAVATION
 - ⑥ EMBANKMENT (NOT A PAY ITEM. EARTH EXCAVATION OR FURNISHED EXCAVATION MATERIAL)
 - ⑦ EMBANKMENT (NOT A PAY ITEM. TOPSOIL, EARTH EXCAV., OR FURNISHED EXCAVATION MATERIAL)
 - ⑧ SUB-BASE GRANULAR MATERIAL (SPECIAL) (TY. C, 12")
 - ⑨ BITUMINOUS MATERIALS (PRIME COAT)
 - ⑩ AGGREGATE (PRIME COAT)
 - ⑪ HOT-MIX ASPHALT BASE COURSE WIDENING
 - ⑫ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 - ⑬ MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS
 - ⑭ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑮ LEVELING BINDER (MACHINE METHOD), N70
 - ⑯ HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (1.5")
 - ⑰ SUB-BASE GRANULAR MATERIAL, TYPE C
 - ⑱ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑲ AGGREGATE SHOULDERS, TYPE B (8")
 - ⑳ STONE DUMPED RIPRAP, CLASS A3 & FILTER FABRIC
 - ㉑ TOPSOIL PLACEMENT, 4" (PART OF PAY ITEM. SEE EARTHWORK SCHEDULE)
 - ㉒ AGGREGATE SURFACE COURSE, TYPE B (8")
 - ㉓ SUB-BASE GRANULAR MATERIAL, TYPE C, 8"



FILE NAME = EntranceMailboxTurnout_Details_6314.dgn	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCE AND MAILBOX TURNOUT DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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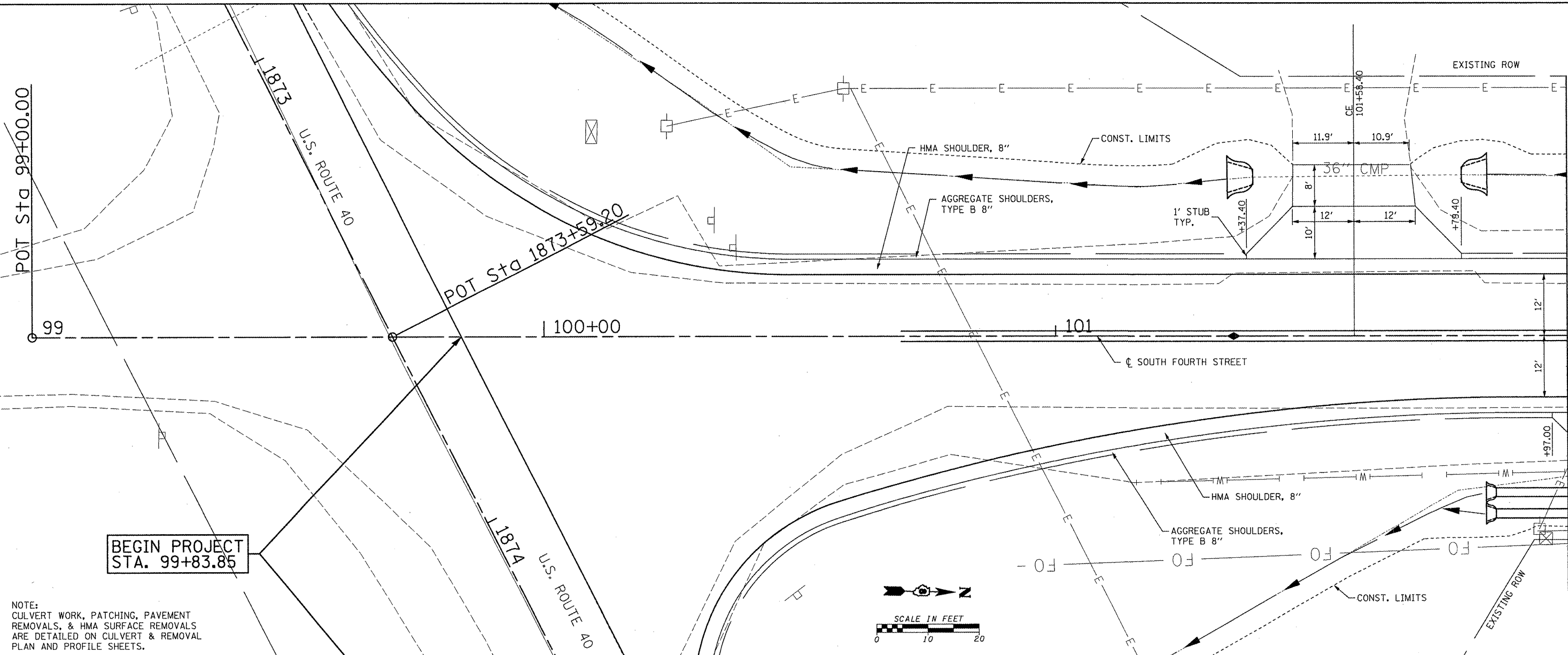
ENTRANCE SCHEDULE

LOCATION	TYPE	PLAN VIEW DETAIL	PAVEMENT REMOVAL	SUB-BASE GRANULAR MATERIAL, TYPE C 8"	SUB-BASE GRANULAR MATERIAL, TYPE C 12"	* BITUMINOUS MATERIALS (PRIME COAT)	** BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA BINDER COURSE, IL 19.0, N70	HMA SURFACE COURSE, MIX "D" N70	HMA SHOULDERS, 8"	AGGREGATE SURFACE COURSE, TYPE B
			SO YD	SQ YD	SQ YD	GALLON	GALLON	TON	TON	TON	SQ YD	TON
FAU RTE 9833 (FOURTH STREET)												
LT 101+58.40	CE	PLAN - 1		48.5		18.2	2.8	0.18	4.7	3.2		9.5
RT 102+23.00	CE	PLAN - 1		61.8		23.2	3.7	0.23	6.1	4.1		23.0
RT 103+29.90	CE	PLAN - 3	106.2	87.2		32.7	6.5	0.35	11.0	7.3		
LT 103+96.80	CE	PLAN - 3	99.6	81.7		30.7	6.1	0.33	10.3	6.9		
LT 104+74.30	CE	PLAN - 3	110.1	77.7		29.1	5.8	0.31	9.8	6.5		
RT 105+42.68	CE	PLAN - 1		56.5		21.2	3.3	0.21	5.6	3.7		10.1
RT 107+08.40	PE	PLAN - 1		35.1		13.2	2.0	0.13	3.3	2.2		5.1
LT 107+98.80	PE	PLAN - 1		30.0		11.2	1.6	0.11	2.7	1.8		4.8
RT 109+67.90	PE	PLAN - 3	69.1	48.4		18.2	3.6	0.19	6.1	4.1		
LT 110+07.30	CE	PLAN - 3	107.6	85.0		31.9	6.4	0.34	10.7	7.1		
LT 111+56.60	CE	PLAN - 3	126.1	86.5		32.5	6.5	0.35	10.9	7.3		
RT 118+44.11	FE	PLAN - 3		22.4		8.4	1.7	0.09	2.8	1.9		16.7
RT 125+68.67	PE	PLAN - 1		40.5		15.2	2.3	0.15	3.9	2.6		6.9
RT 126+84.60	FE	PLAN - 3		19.3		7.3	1.5	0.08	2.4	1.6		
LT 128+22.20	PE	PLAN - 3	72.6	44.4		16.6	3.3	0.18	5.6	3.7		
MAILBOX TURNOUTS												
LT 103+06.76 TO LT 104+00.92	RURAL	PLAN - 2			14.8	5.54	1.7	0.07			23.2	
LT 105+33.50 TO LT 105+91.30	RURAL	PLAN - 2			6.7	2.51	0.8	0.03			11.1	
LT 107+90.45 TO LT 108+48.25	RURAL	PLAN - 2			6.8	2.53	0.8	0.03			11.1	
LT 110+18.41 TO LT 110+76.41	RURAL	PLAN - 2			6.8	2.53	0.8	0.03			11.1	
LT 125+56.81 TO LT 126+14.81	RURAL	PLAN - 2			7.0	2.62	0.9	0.03			11.4	
LT 127+81.30 TO LT 128+39.30	RURAL	PLAN - 2			10.4	3.90	1.2	0.05			15.6	
TOTAL			691.3	825.0	52.5	329.2	63.3	3.5	95.9	64.0	83.5	76.1
USE			692	825	53	393		4	96	64	84	77

(SEE ALSO ENTRANCE DETAILS & CROSS SECTIONS)
 * - APPLICATION RATE USED WAS 0.375 GAL/SQ YD
 ** - APPLICATION RATE USED WAS 0.075 GAL/SQ YD

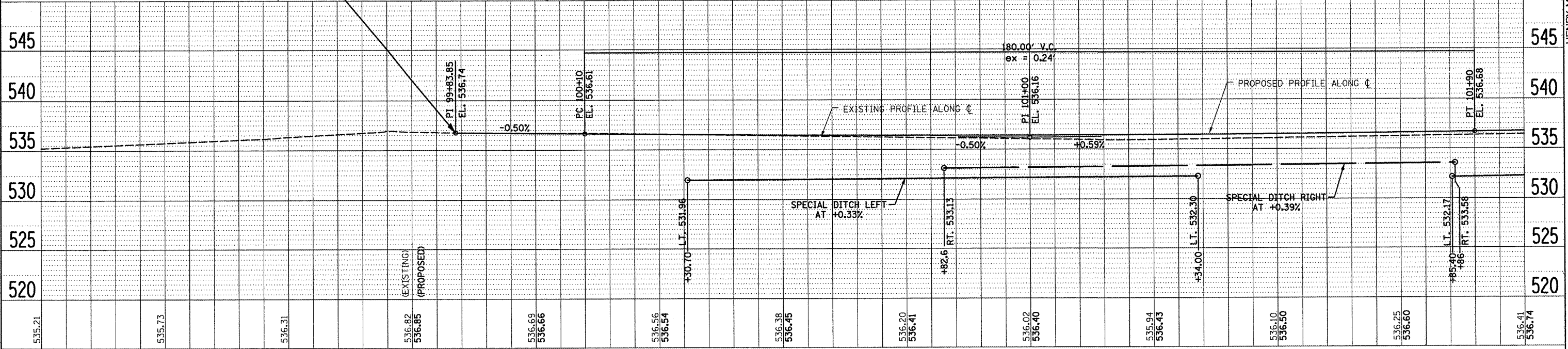
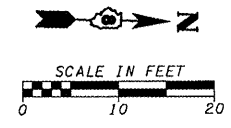
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. _____		
	STRUCTURE NOTATION OK'D		



BEGIN PROJECT
STA. 99+83.85

NOTE:
CULVERT WORK, PATCHING, PAVEMENT
REMOVALS, & HMA SURFACE REMOVALS
ARE DETAILED ON CULVERT & REMOVAL
PLAN AND PROFILE SHEETS.



99+00	99+50	100+00	100+50	101+00	101+50	102+00						
535.21	535.73	536.31	536.82 536.85 (EXISTING) 536.85 (PROPOSED)	536.69 536.66	536.56 536.54	536.38 536.45	536.20 536.41	536.02 536.40	535.94 536.43	536.10 536.50	536.25 536.60	536.41 536.74

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE - FOURTH STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	20
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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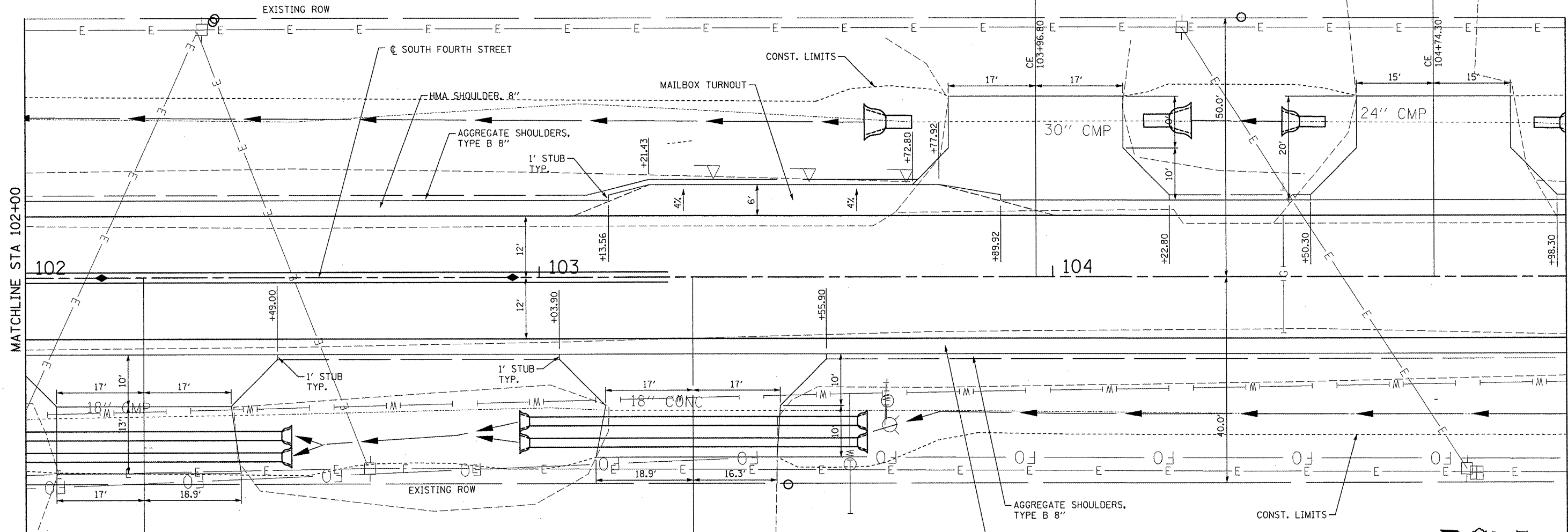
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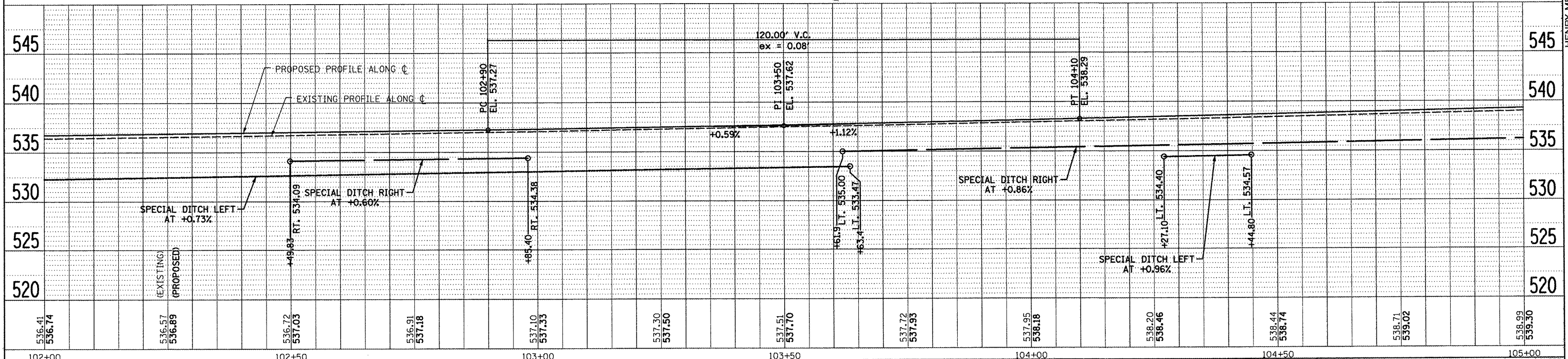
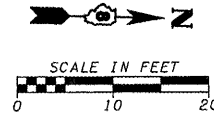
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PLAN	DATE
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REVIEWED	
NOTED	
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PROFILE	DATE
BY	
REVIEWED	
NOTED	
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NOTE:
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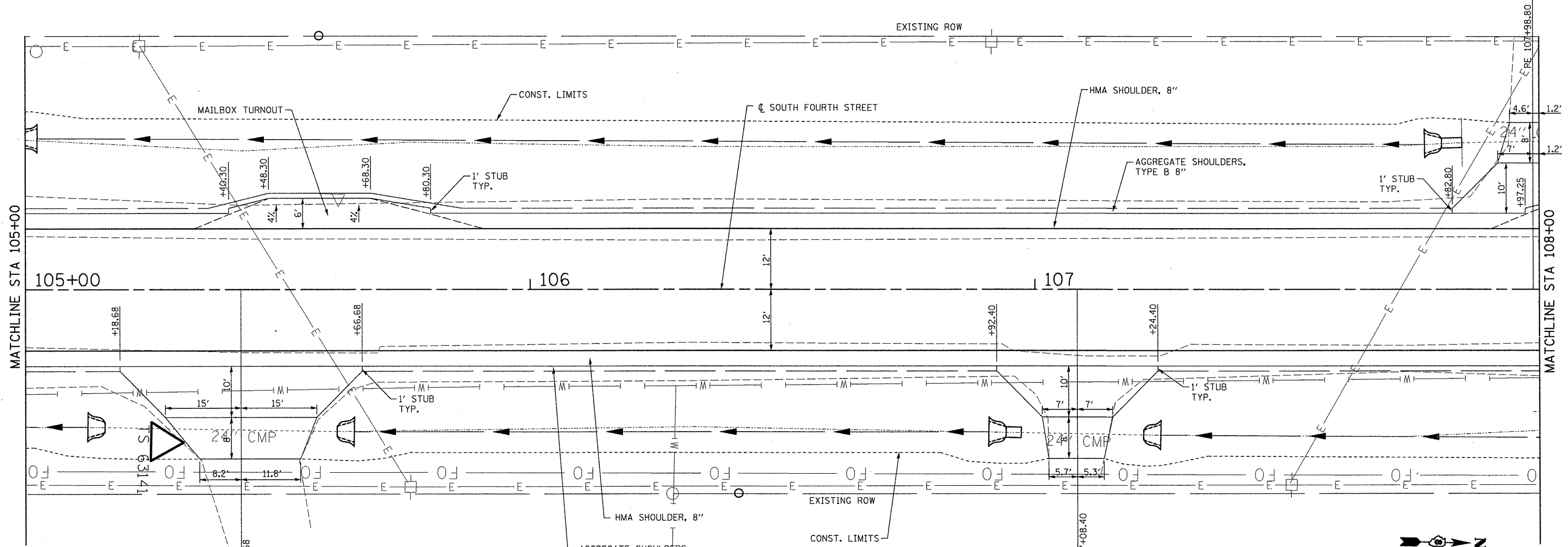


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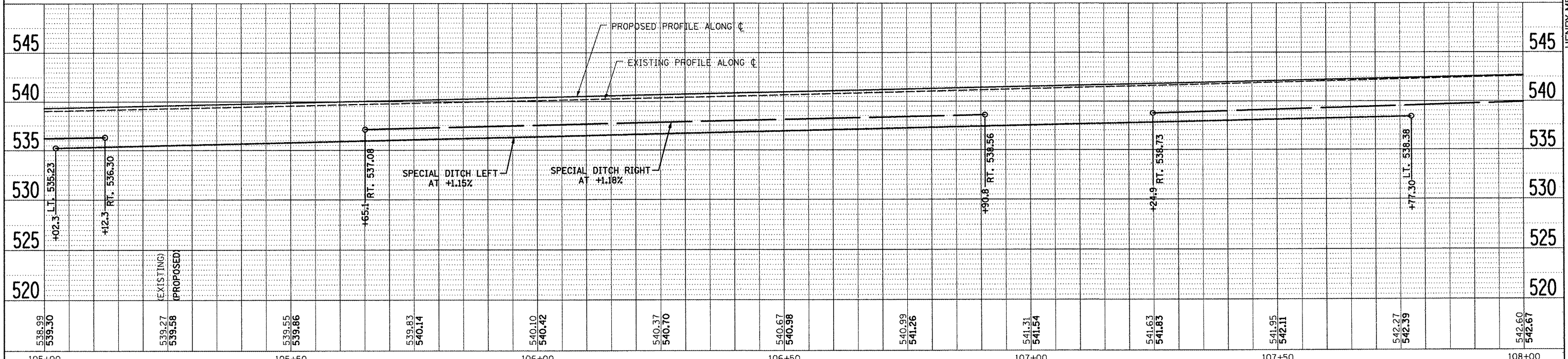
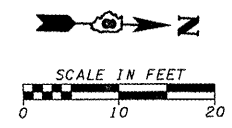
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PLAN	SURVEYED	BY	DATE
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NOTE:
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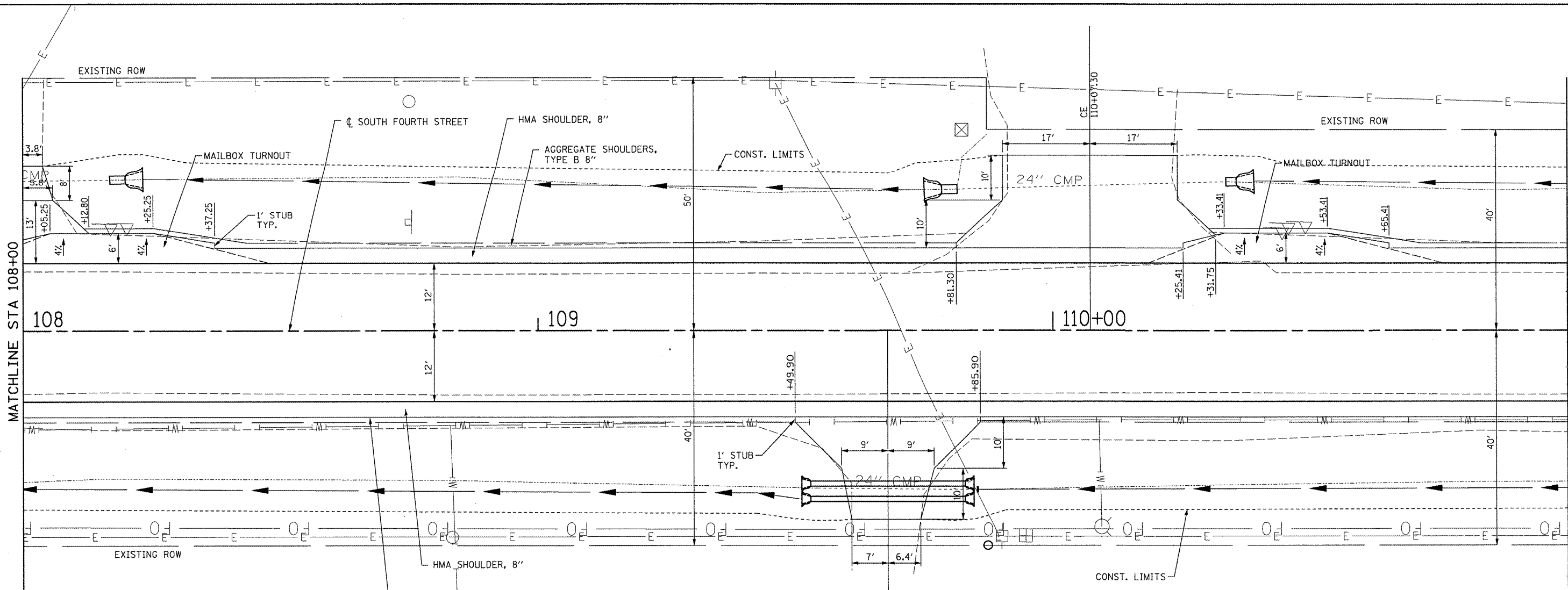


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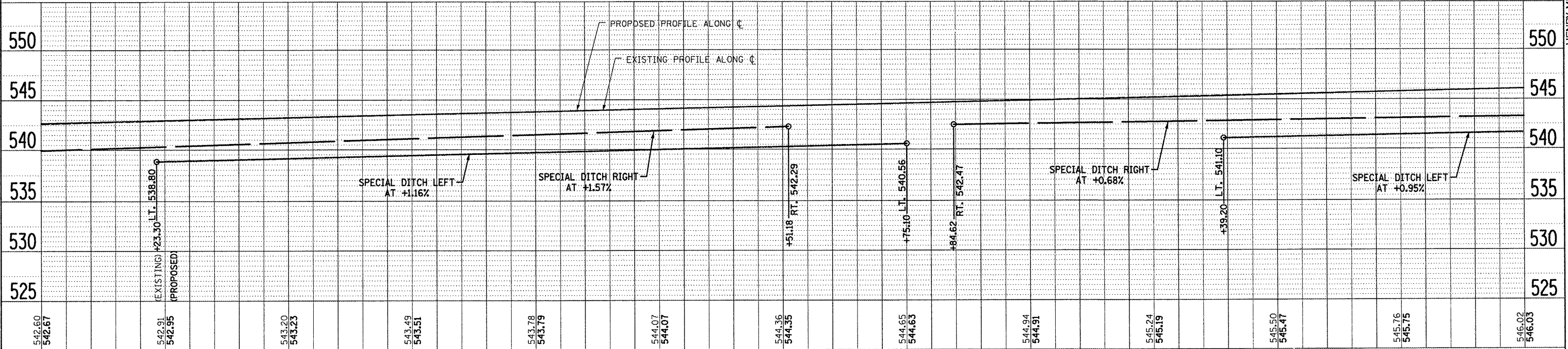
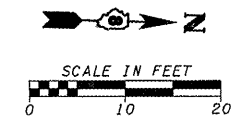
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NOTE:
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542.60 542.67	542.91 542.95	543.20 543.23	543.49 543.51	543.78 543.79	544.07 544.07	544.36 544.35	544.65 544.63	544.94 544.91	545.24 545.19	545.50 545.47	545.76 545.75	546.02 546.03					
108+00	108+50	109+00	109+50	110+00	110+50	111+00											
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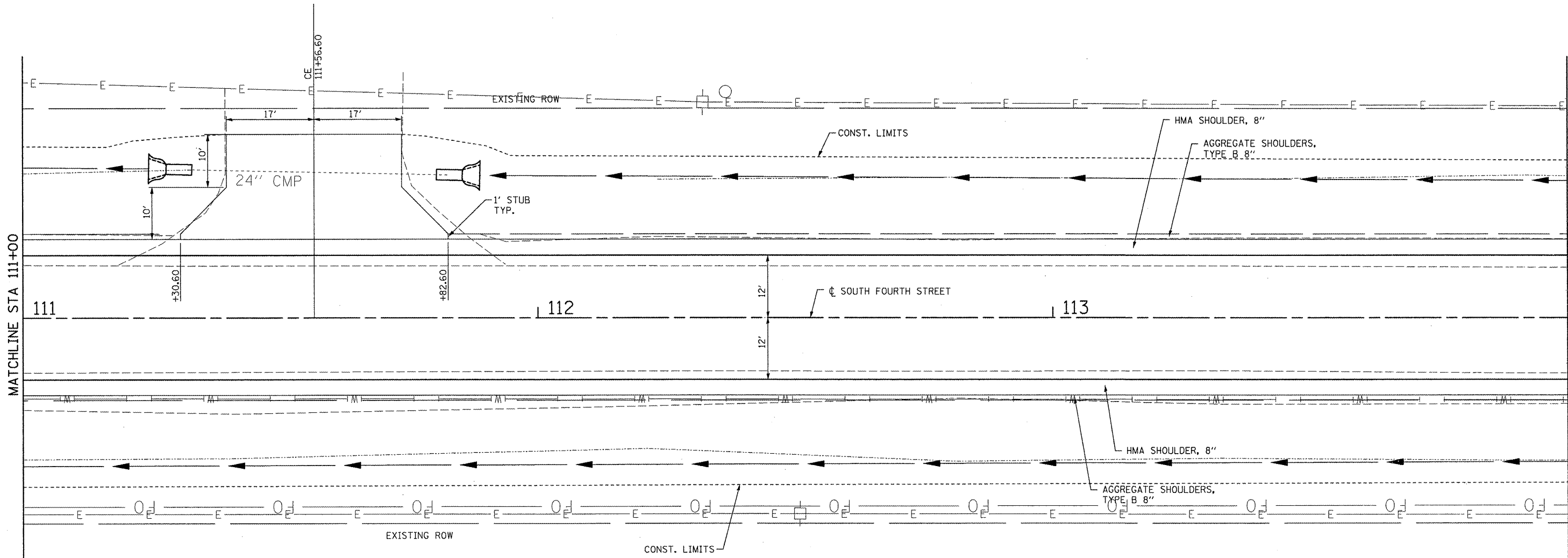
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE - FOURTH STREET

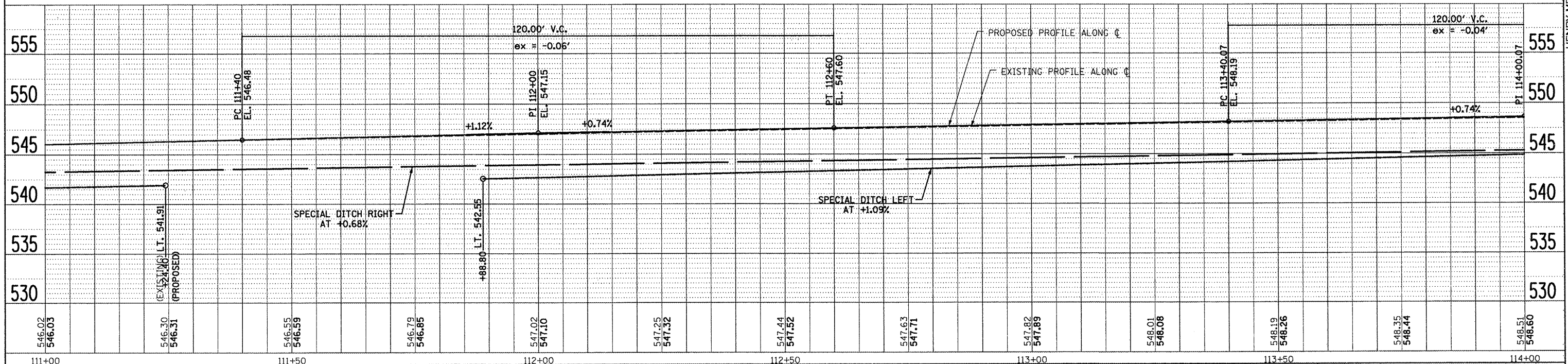
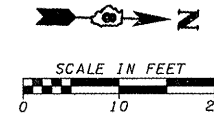
HENRY, MEISENHEIMER & GEMDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618)5943711 WWW.HMGENGINEERS.COM

PLAN	SURVEYED	BY	DATE
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NOTE:
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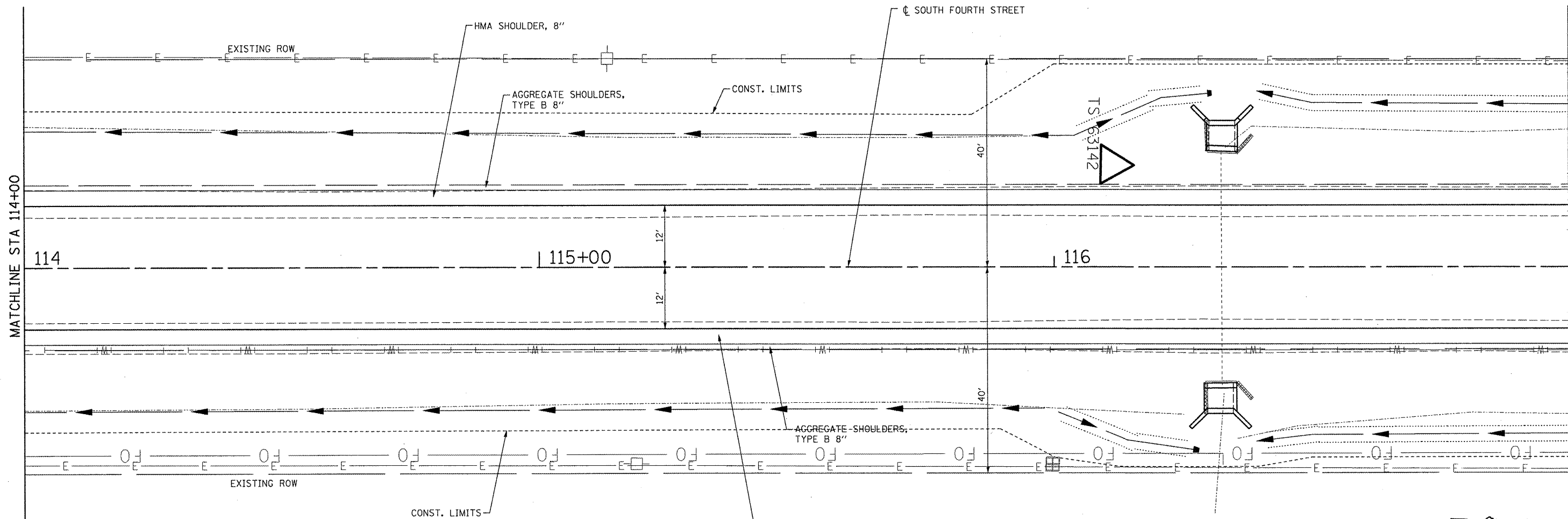


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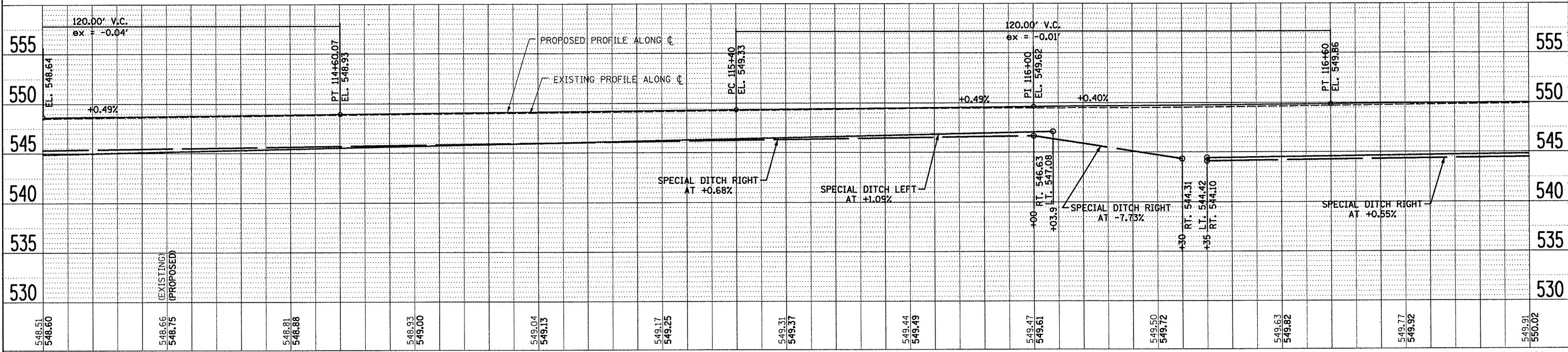
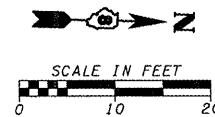
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NOTE:
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PLAN AND PROFILE SHEETS.

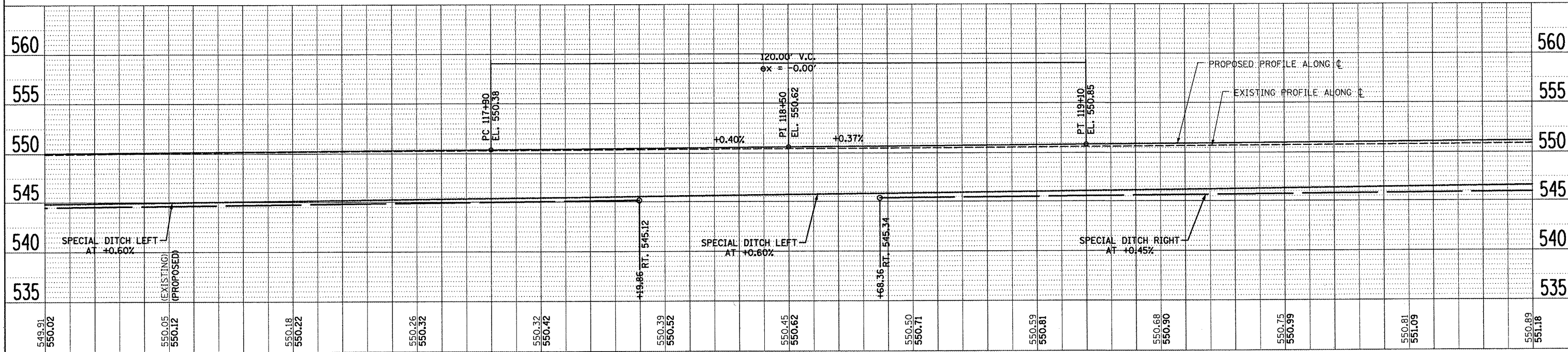
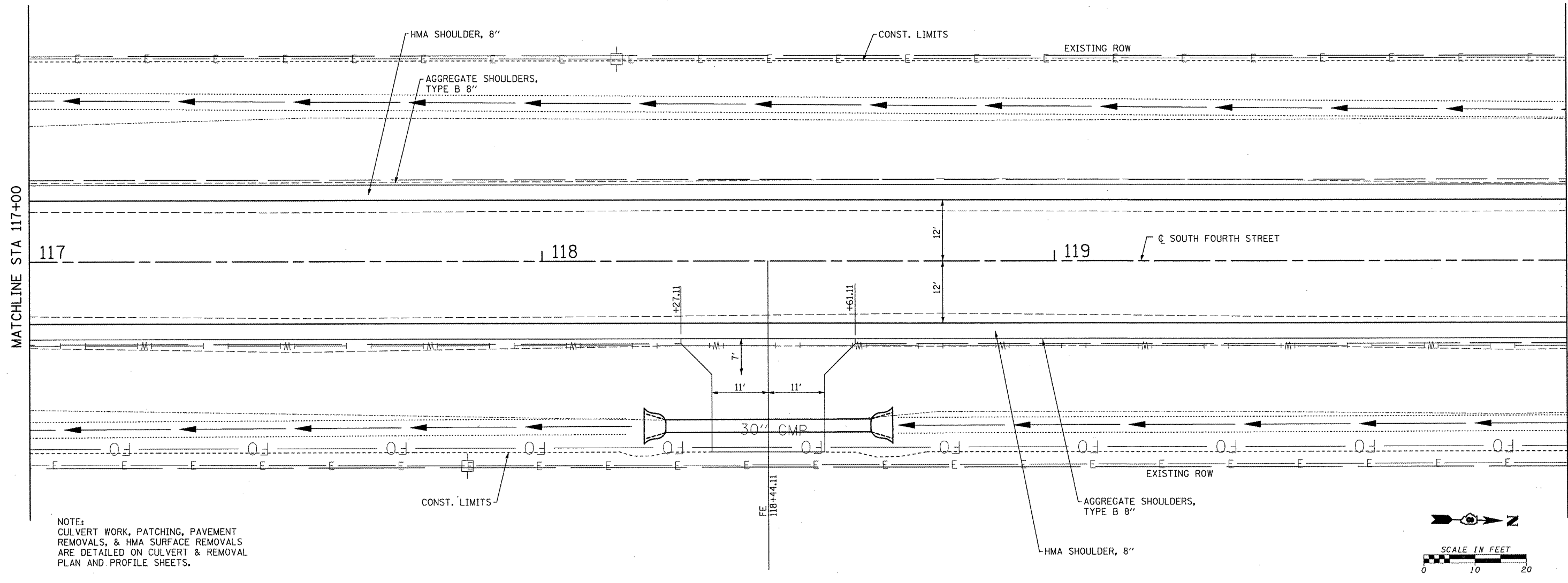


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DATE	
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PLAN	SURVEYED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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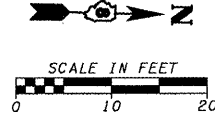
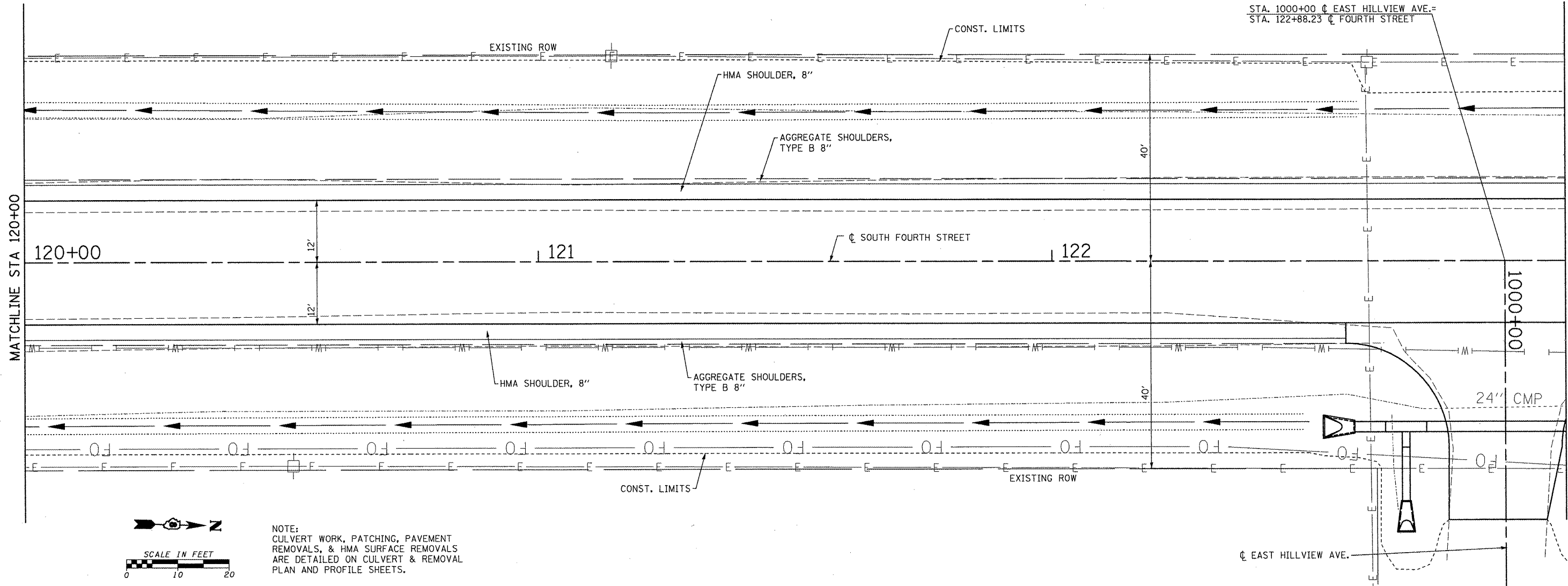
PLAN & PROFILE - FOURTH STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

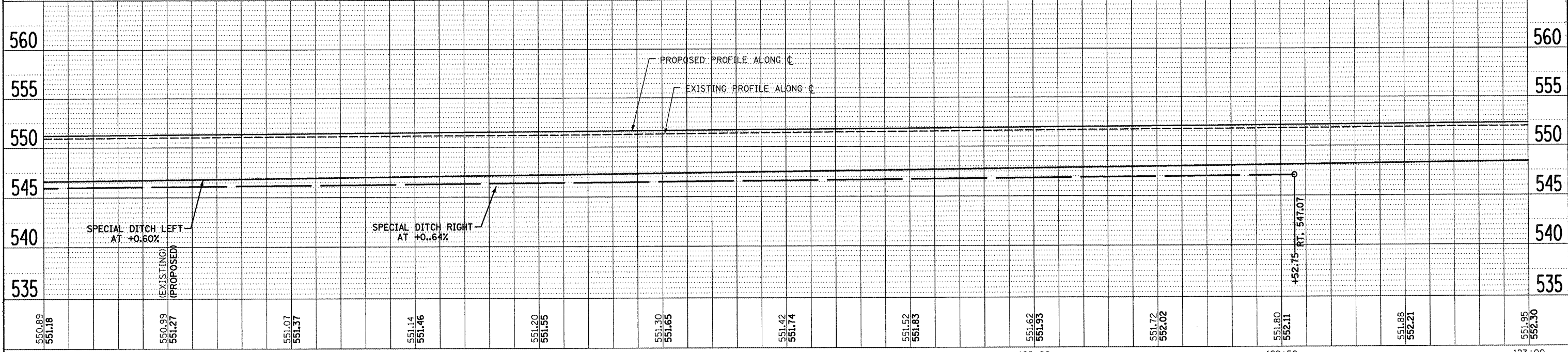
HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618)594-3711 WWW.HMGENGINEERS.COM

PLAN	DATE
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NOTE:
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PLAN AND PROFILE SHEETS.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

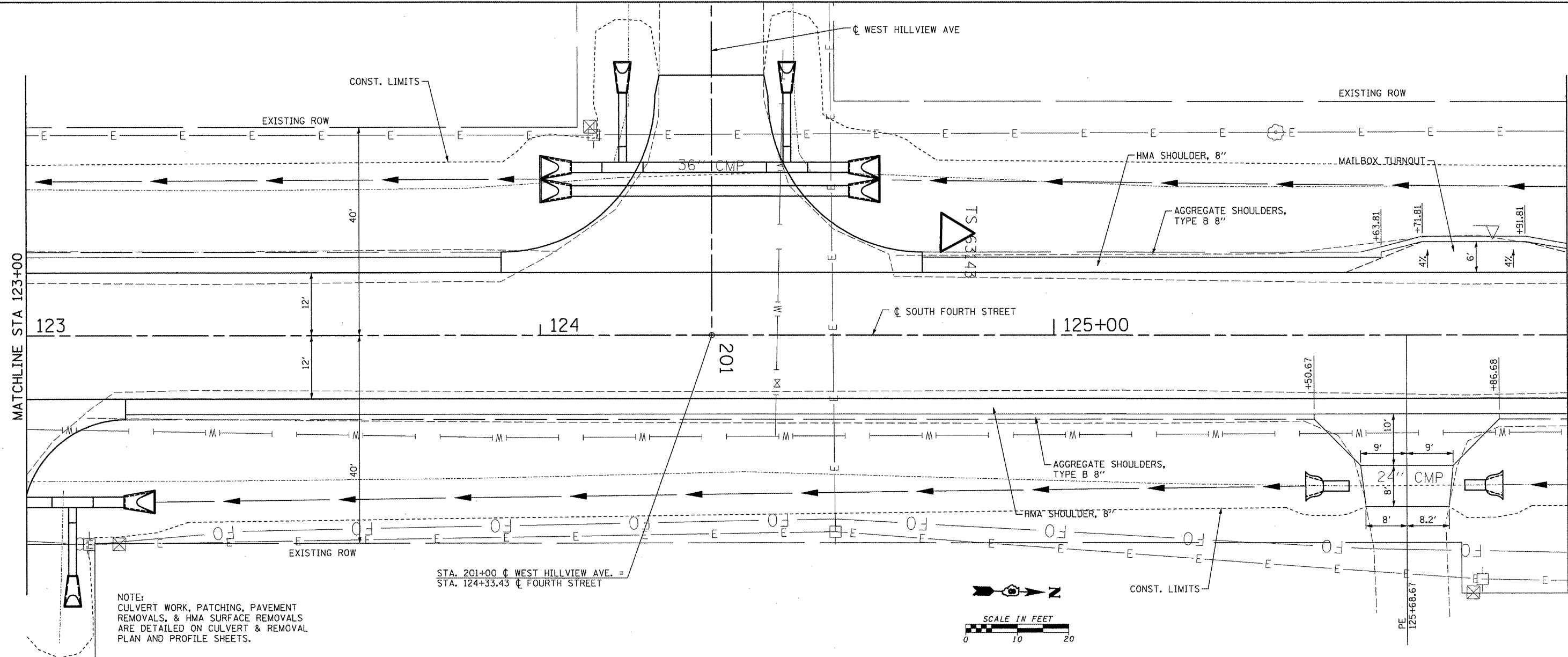
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CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618)594-3711 WWW.HMENGINEERS.COM

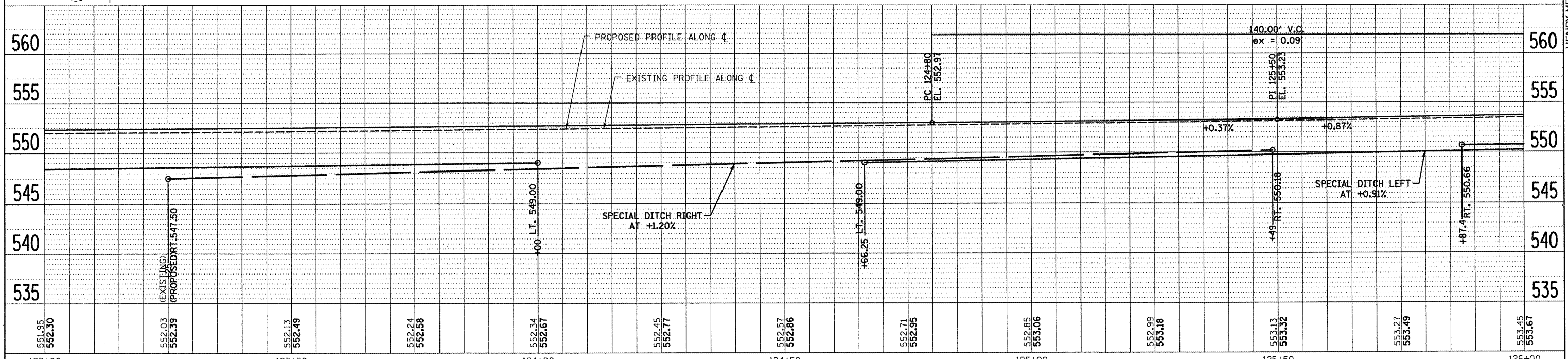
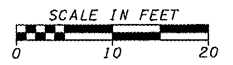
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STA. 201+00 C WEST HILLVIEW AVE. =
STA. 124+33.43 C FOURTH STREET



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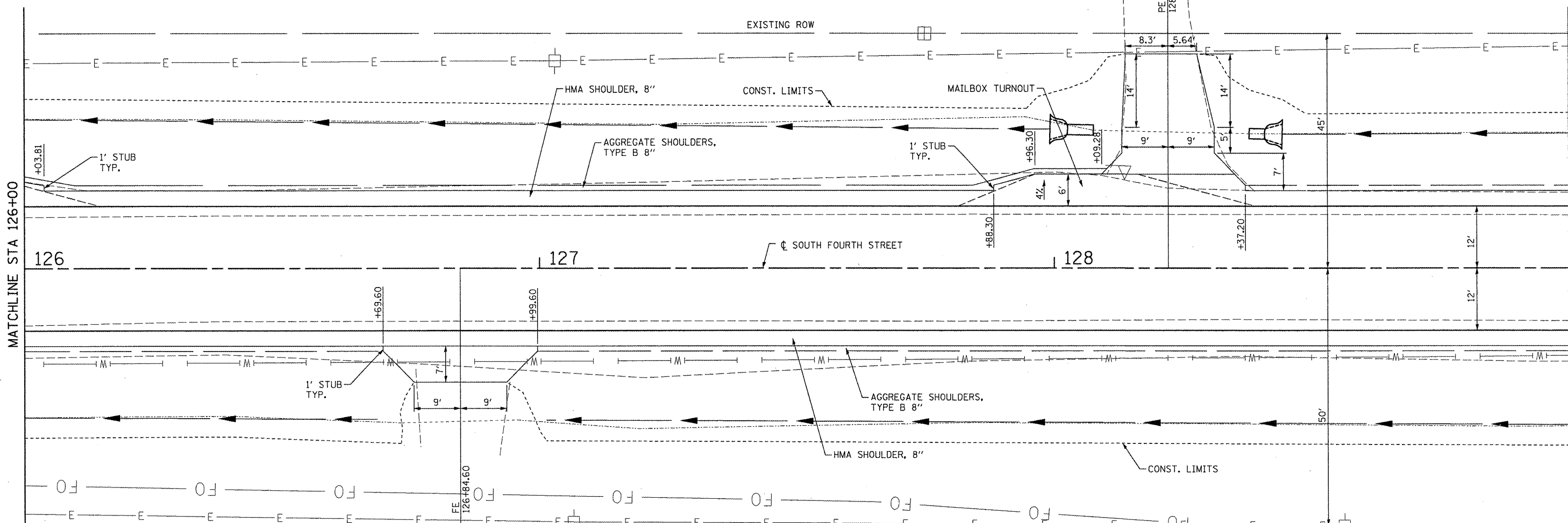
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PLAN	SURVEYED	BY	DATE
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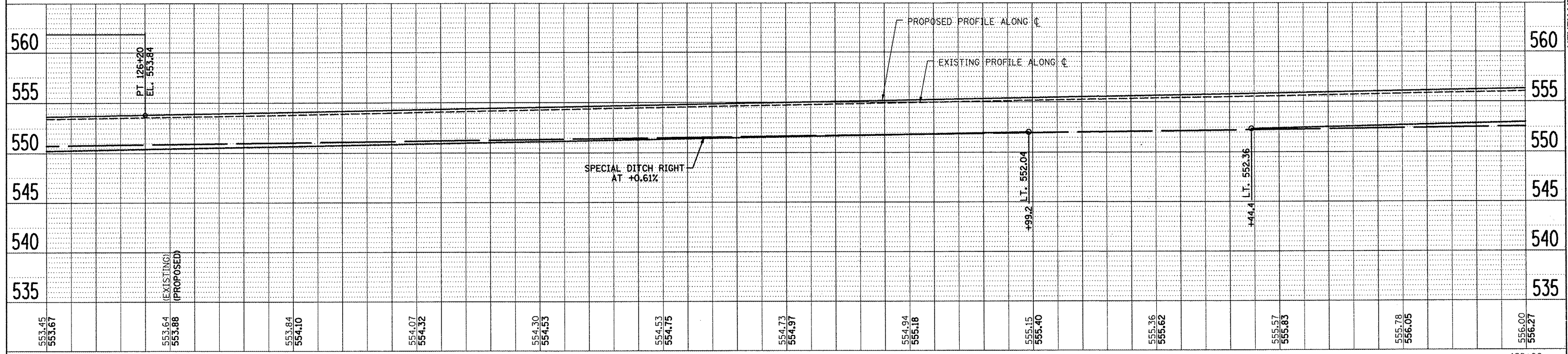
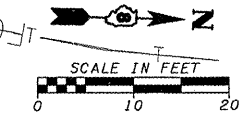
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MATCHLINE STA 126+00

MATCHLINE STA 129+00



NOTE:
CULVERT WORK, PATCHING, PAVEMENT
REMOVALS, & HMA SURFACE REMOVALS
ARE DETAILED ON CULVERT & REMOVAL
PLAN AND PROFILE SHEETS.



126+00	126+50	127+00	127+50	128+00	128+50	129+00		
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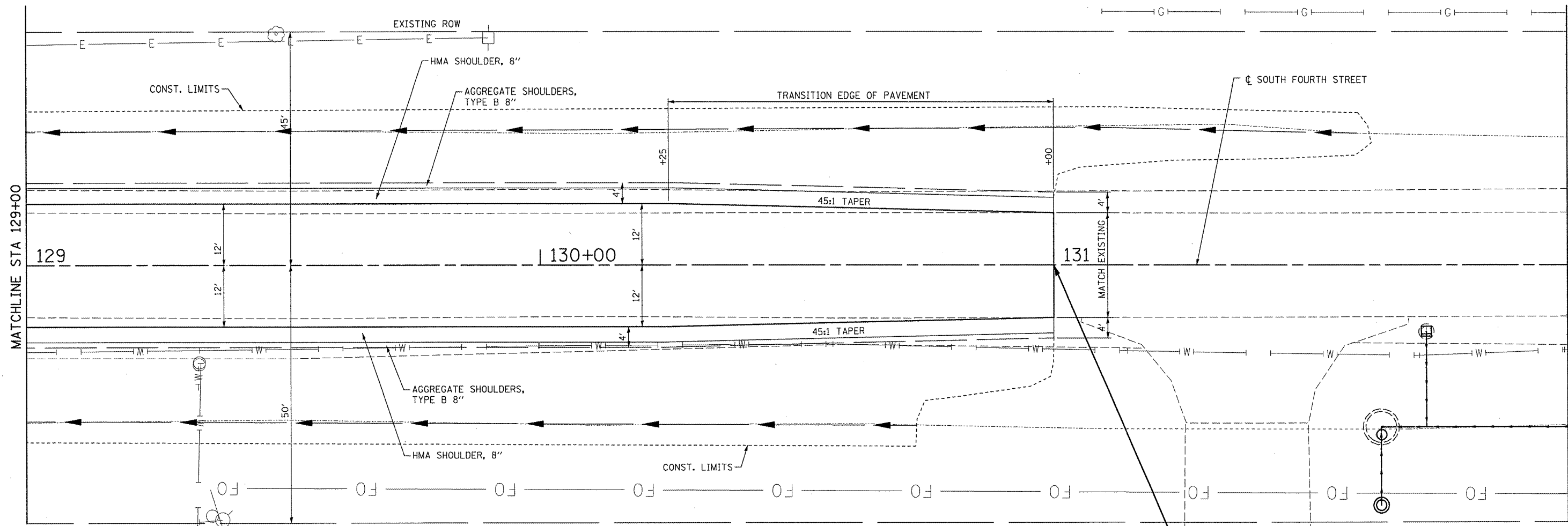
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE - FOURTH STREET

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMENGINEERS.COM

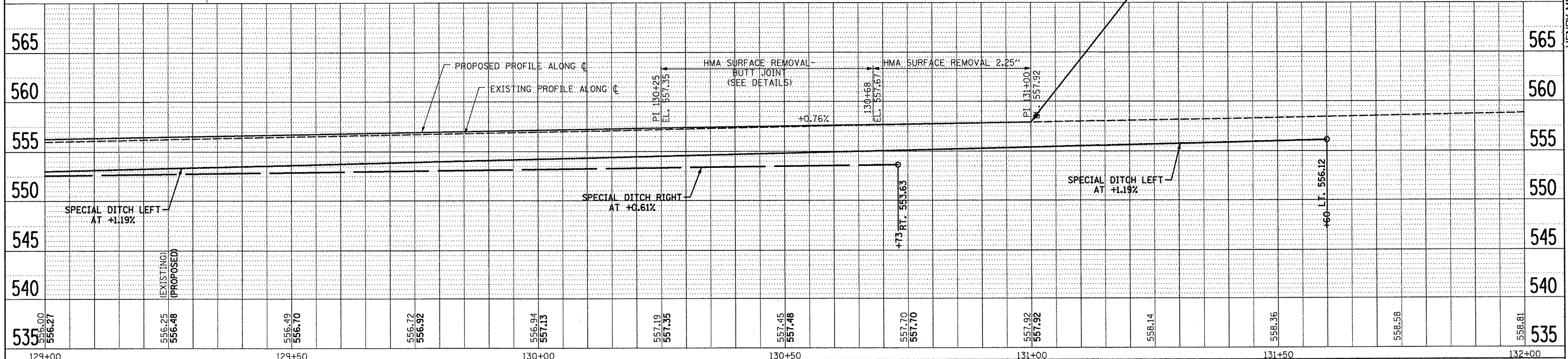
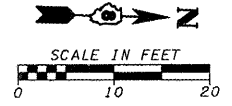
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	ALIGNED		
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	ADD. FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLotted		
	ASSEMBLED		
	BA. NOTED		
	STRUCTURE NOTATIONS CHKD		
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NOTE:
CULVERT WORK, PATCHING, PAVEMENT
REMOVALS, & HMA SURFACE REMOVALS
ARE DETAILED ON CULVERT & REMOVAL
PLAN AND PROFILE SHEETS.

END PROJECT
STA. 131+00

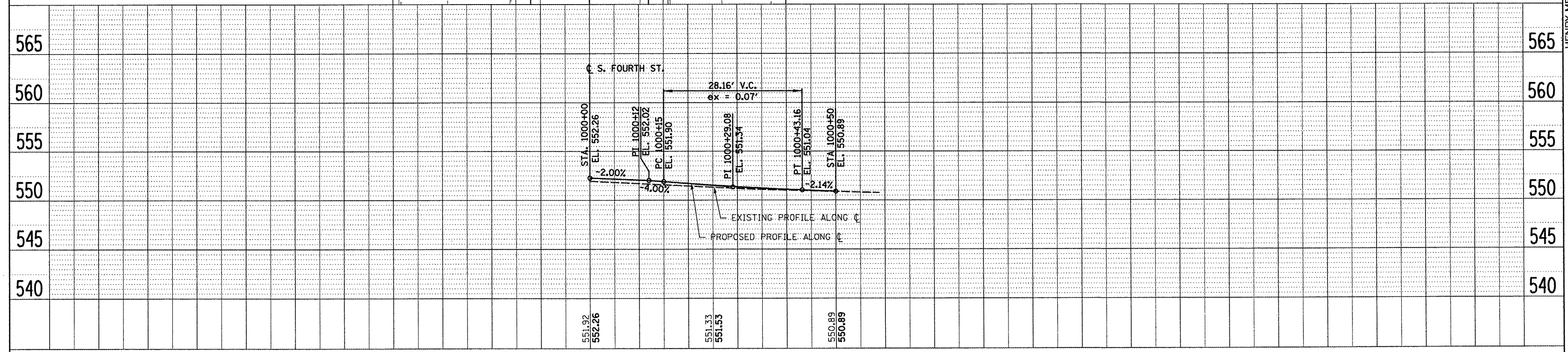
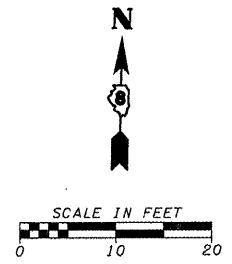
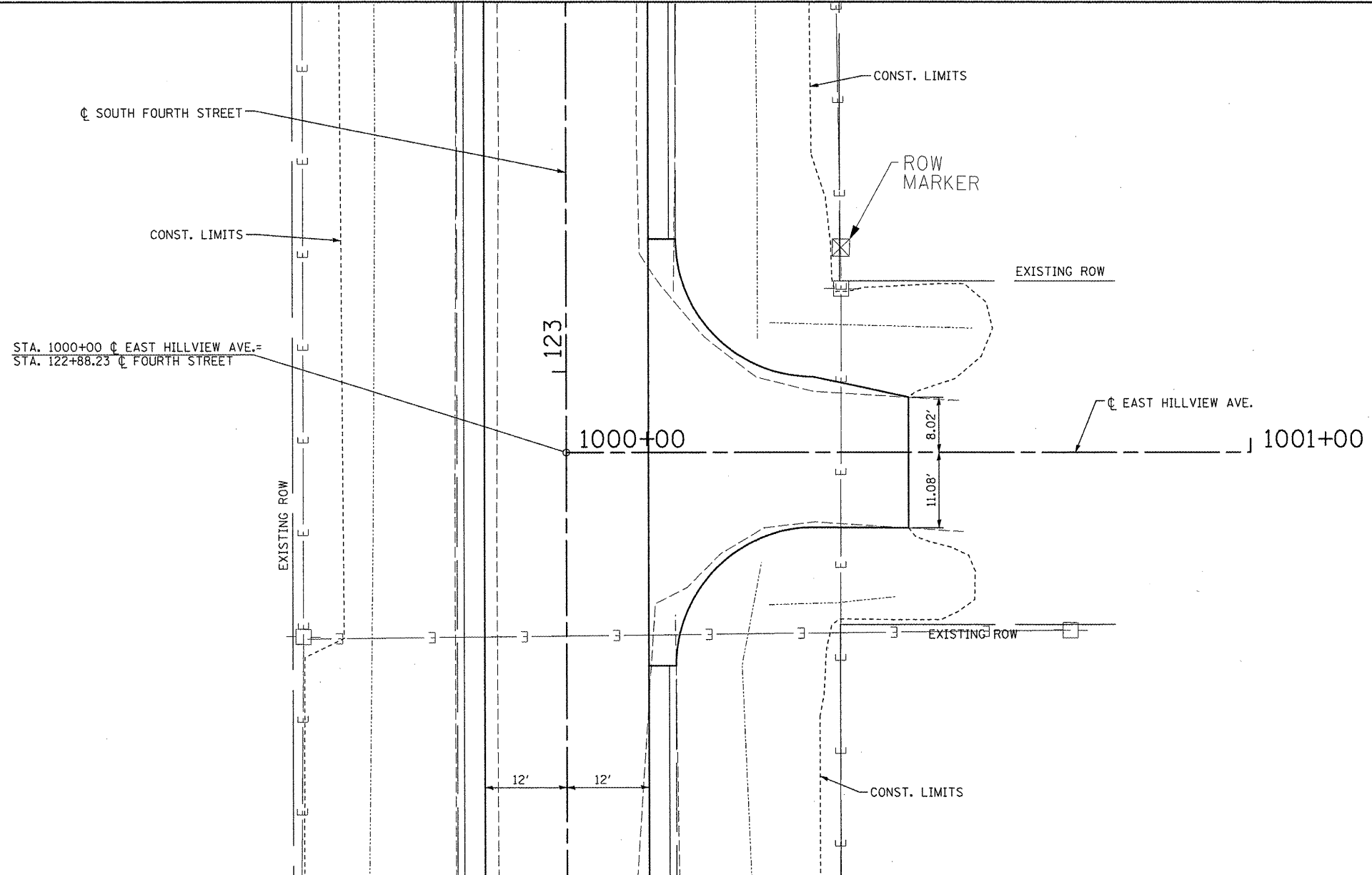


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		DATE -	REVISED -							

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMGENGINEERS.COM

DATE	
BY	
APPROVED	
ALIGNED CHECKED	
RT. OF WAY CHECKED	
NO. _____	
DATE FILE NAME	

DATE	
BY	
APPROVED	
PLotted	
BY NOTE	
STRUCTURE NOTATIONS CHFD	
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1000+00 1000+50
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

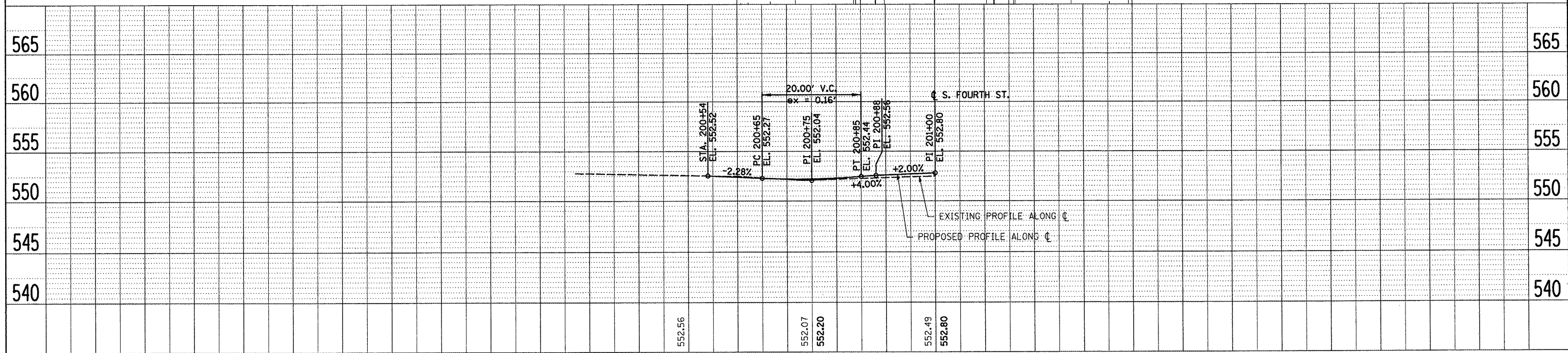
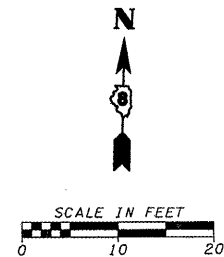
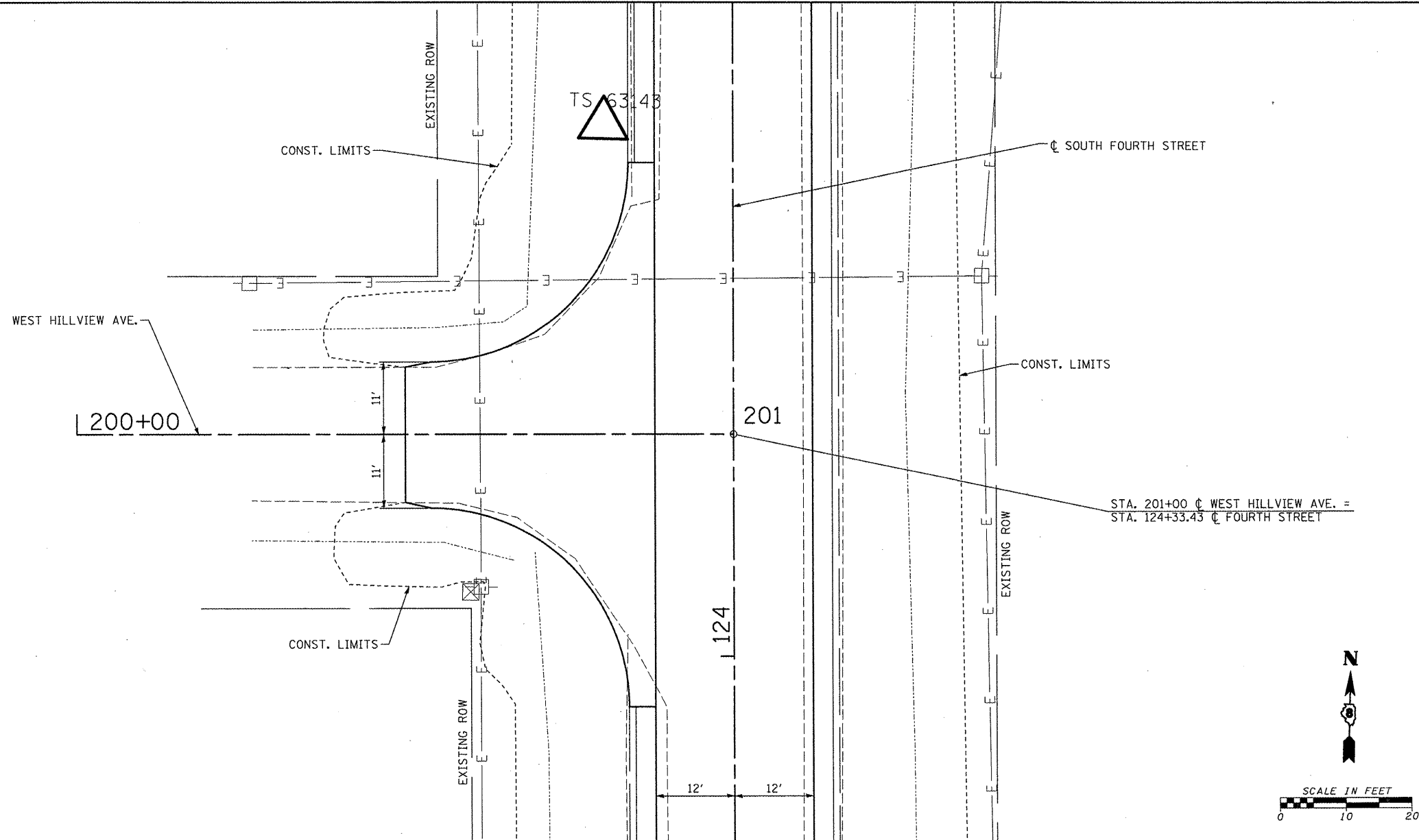
PLAN & PROFILE - EAST HILLVIEW AVE.
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	31
				CONTRACT NO. 97426
ILLINOIS FED. AID PROJECT				

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618)594-3711 WWW.HMGENGINEERS.COM

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	RT. OF WAY CHECKED		
	NO.		
	ADD. FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	STRUCTURE NOTATION CHKD		
	NO.		



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PLOT DATE = #DATE#	DATE -	REVISED -

200+50
 201+00
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE - WEST HILLVIEW AVE.
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

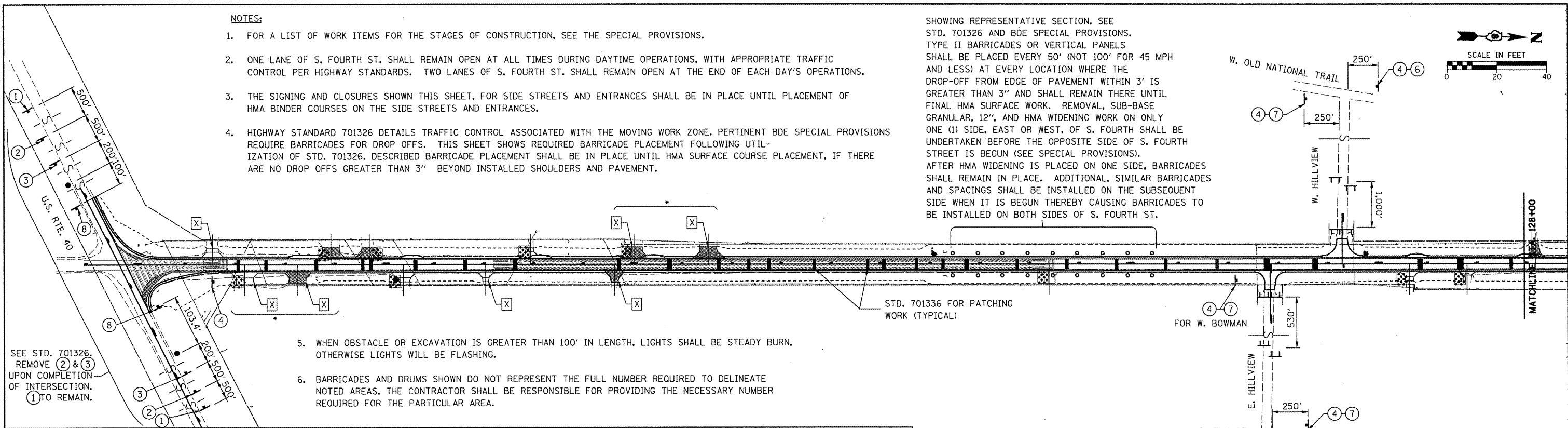
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9833	05-00016-02-WR	BOND	85	32
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618)-594-3711 WWW.HMGENGINEERS.COM

NOTES:

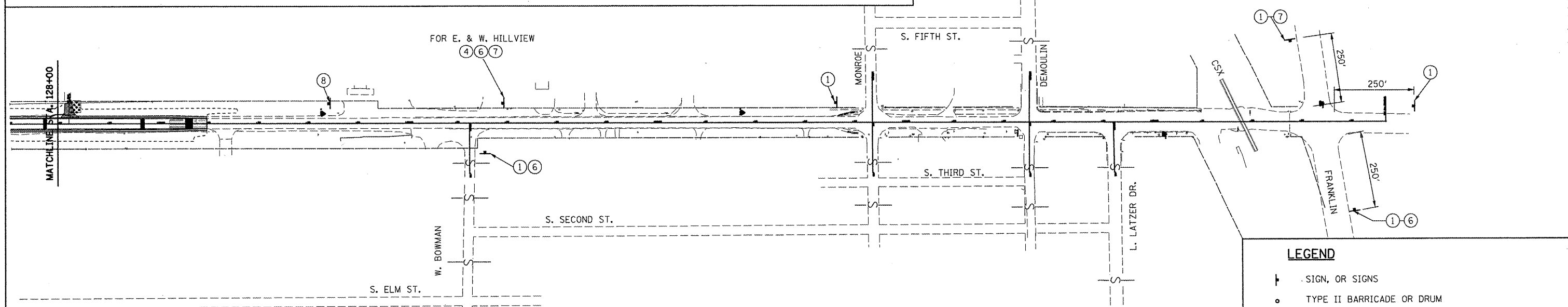
- FOR A LIST OF WORK ITEMS FOR THE STAGES OF CONSTRUCTION, SEE THE SPECIAL PROVISIONS.
- ONE LANE OF S. FOURTH ST. SHALL REMAIN OPEN AT ALL TIMES DURING DAYTIME OPERATIONS, WITH APPROPRIATE TRAFFIC CONTROL PER HIGHWAY STANDARDS. TWO LANES OF S. FOURTH ST. SHALL REMAIN OPEN AT THE END OF EACH DAY'S OPERATIONS.
- THE SIGNING AND CLOSURES SHOWN THIS SHEET, FOR SIDE STREETS AND ENTRANCES SHALL BE IN PLACE UNTIL PLACEMENT OF HMA BINDER COURSES ON THE SIDE STREETS AND ENTRANCES.
- HIGHWAY STANDARD 701326 DETAILS TRAFFIC CONTROL ASSOCIATED WITH THE MOVING WORK ZONE. PERTINENT BDE SPECIAL PROVISIONS REQUIRE BARRICADES FOR DROP OFFS. THIS SHEET SHOWS REQUIRED BARRICADE PLACEMENT FOLLOWING UTILIZATION OF STD. 701326. DESCRIBED BARRICADE PLACEMENT SHALL BE IN PLACE UNTIL HMA SURFACE COURSE PLACEMENT, IF THERE ARE NO DROP OFFS GREATER THAN 3" BEYOND INSTALLED SHOULDERS AND PAVEMENT.

SHOWING REPRESENTATIVE SECTION, SEE STD. 701326 AND BDE SPECIAL PROVISIONS. TYPE II BARRICADES OR VERTICAL PANELS SHALL BE PLACED EVERY 50' (NOT 100' FOR 45 MPH AND LESS) AT EVERY LOCATION WHERE THE DROP-OFF FROM EDGE OF PAVEMENT WITHIN 3' IS GREATER THAN 3" AND SHALL REMAIN THERE UNTIL FINAL HMA SURFACE WORK. REMOVAL, SUB-BASE GRANULAR, 12", AND HMA WIDENING WORK ON ONLY ONE (1) SIDE, EAST OR WEST, OF S. FOURTH SHALL BE UNDERTAKEN BEFORE THE OPPOSITE SIDE OF S. FOURTH STREET IS BEGUN (SEE SPECIAL PROVISIONS). AFTER HMA WIDENING IS PLACED ON ONE SIDE, BARRICADES SHALL REMAIN IN PLACE. ADDITIONAL, SIMILAR BARRICADES AND SPACINGS SHALL BE INSTALLED ON THE SUBSEQUENT SIDE WHEN IT IS BEGUN THEREBY CAUSING BARRICADES TO BE INSTALLED ON BOTH SIDES OF S. FOURTH ST.



- WHEN OBSTACLE OR EXCAVATION IS GREATER THAN 100' IN LENGTH, LIGHTS SHALL BE STEADY BURN, OTHERWISE LIGHTS WILL BE FLASHING.
- BARRICADES AND DRUMS SHOWN DO NOT REPRESENT THE FULL NUMBER REQUIRED TO DELINEATE NOTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY NUMBER REQUIRED FOR THE PARTICULAR AREA.

① W20-1103(O)-48 (48" x 48")	② W20-4(O)-48 (48" x 48")	③ W20-1101(O)-48 (48" x 48")	④ W20-3(O)-48 (MODIFIED AS SHOWN, 48" x 48")	⑤ R11-4 (60" x 30")	⑥ M6-1(O) (30" x 18") OR M5-1L(O)	⑦ M6-1(O) (30" x 18") OR M5-1R(O)	⑧ W8-11 (48" x 48")



NOTES (CONTINUED):

- ALL ENTRANCES SHALL HAVE A MINIMUM NINE (9) FOOT INGRESS/EGRESS WIDTH OPEN TO TRAFFIC AT ALL TIMES THROUGHOUT CONSTRUCTION, EXCEPT THOSE DELINEATED WITH 'X'. AGGREGATE FOR TEMPORARY ACCESS SHALL BE UTILIZED.
- " * " DELINEATES TWO (2) OR MORE ENTRANCES OR SIDE STREETS FOR WHICH ONE (1) OF THE TWO (2) SHALL REMAIN OPEN WHILE THE OTHER MAY BE CLOSED. SIDE STREETS TO REMAIN OPEN SHALL HAVE A MINIMUM OF TWO (2) ELEVEN (11) FOOT LANES.

LEGEND

- SIGN, OR SIGNS
- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADES WITH FLASHING LIGHTS & (5) EXCEPT NO SIGN AT BARRICADES NEAREST CLOSURE
- AGGREGATE FOR TEMPORARY ACCESS
- LOCATION/DIRECTION OF TRAFFIC
- FLAGGER

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HMG JOB NO. 6314.1

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DRAWN - EDW
CHECKED -
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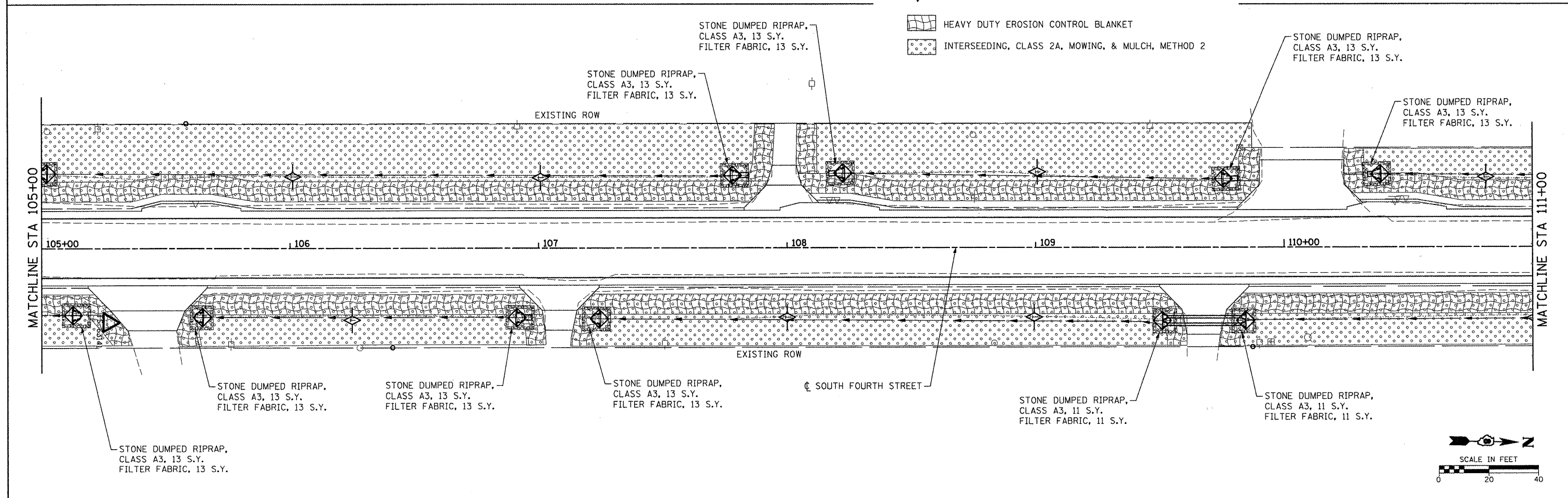
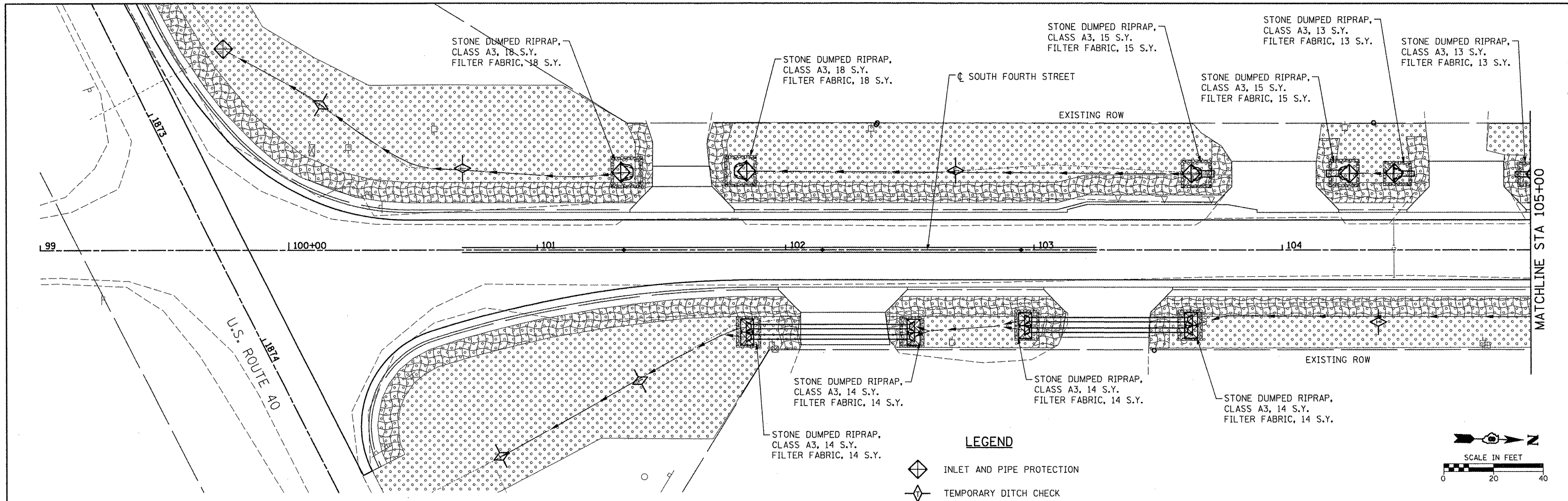
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION STAGING & DETAILS - FOURTH STREET

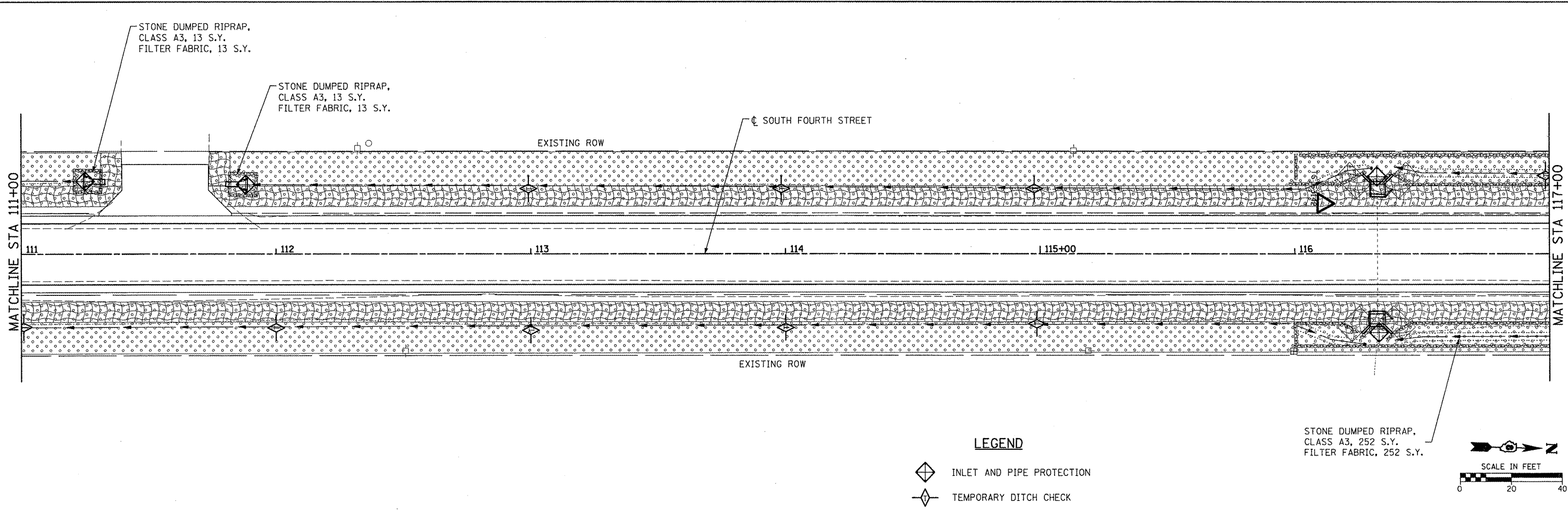
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	33
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	







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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

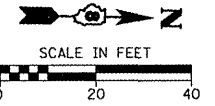
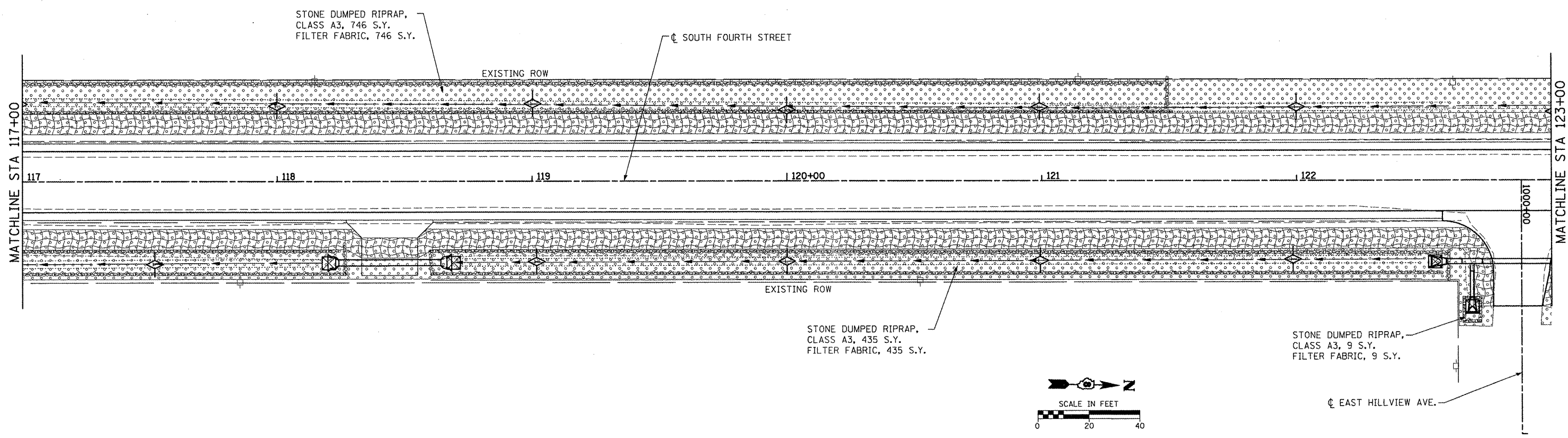
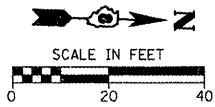
HENRY, MEISENHEIMER & GRENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL 62231 PHONE (618) 594-3711 WWW.HMENGINEERS.COM



LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  HEAVY DUTY EROSION CONTROL BLANKET
-  INTERSEEDING, CLASS 2A, MOWING, & MULCH, METHOD 2

STONE DUMPED RIPRAP,
CLASS A3, 252 S.Y.
FILTER FABRIC, 252 S.Y.



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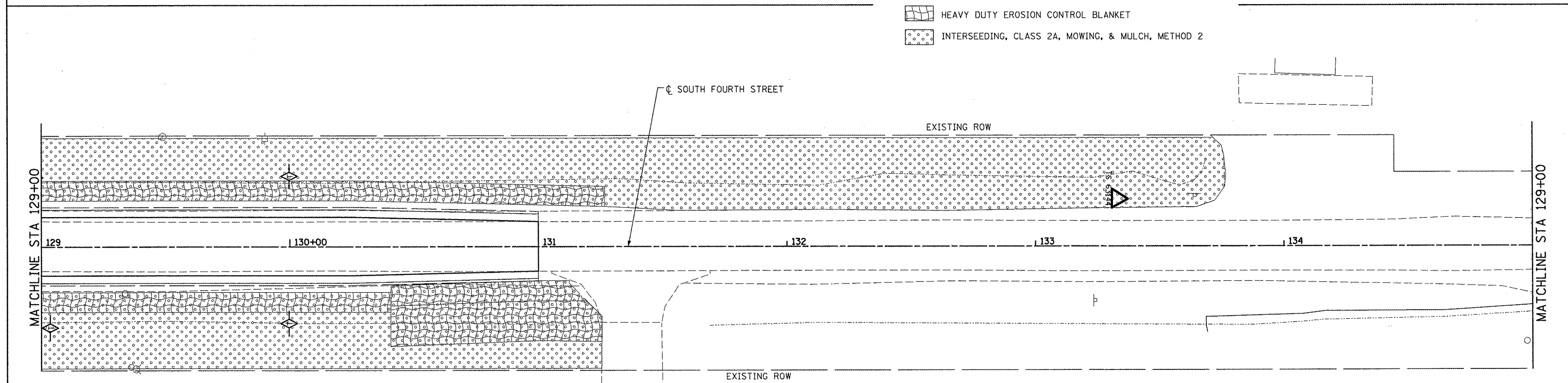
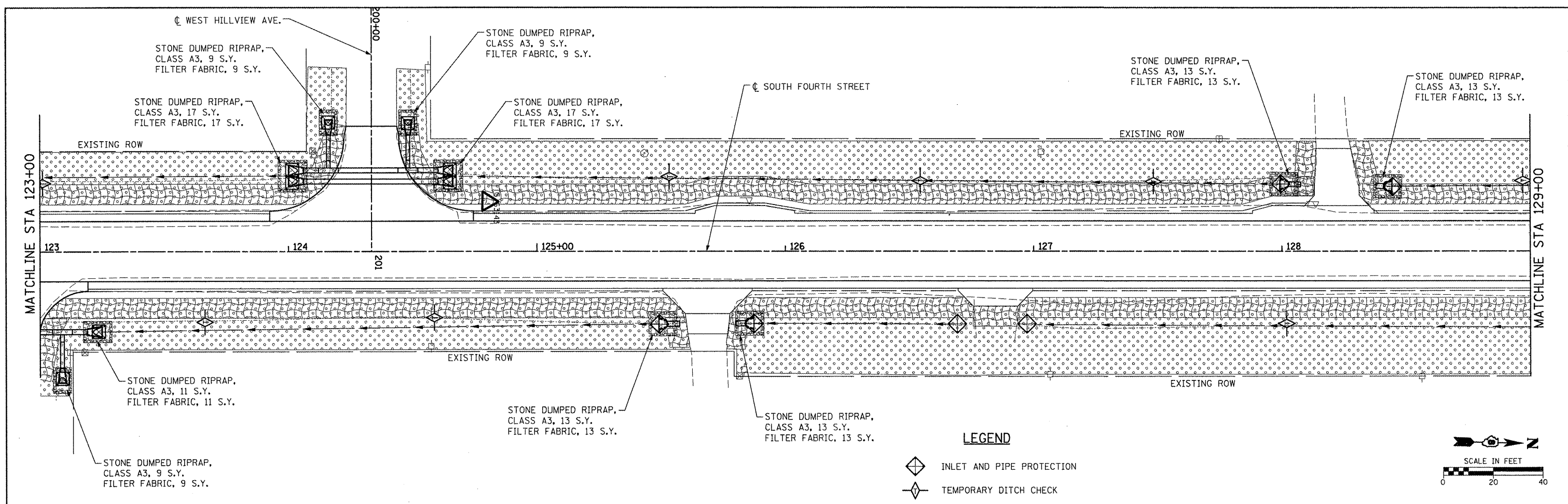
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL - FOURTH STREET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 35
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMGENGINEERS.COM



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL - FOURTH STREET

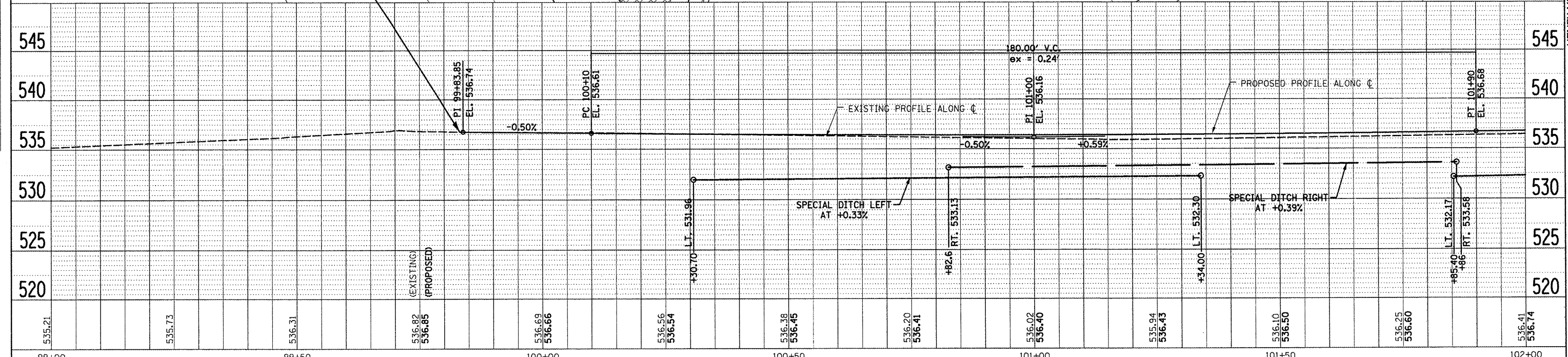
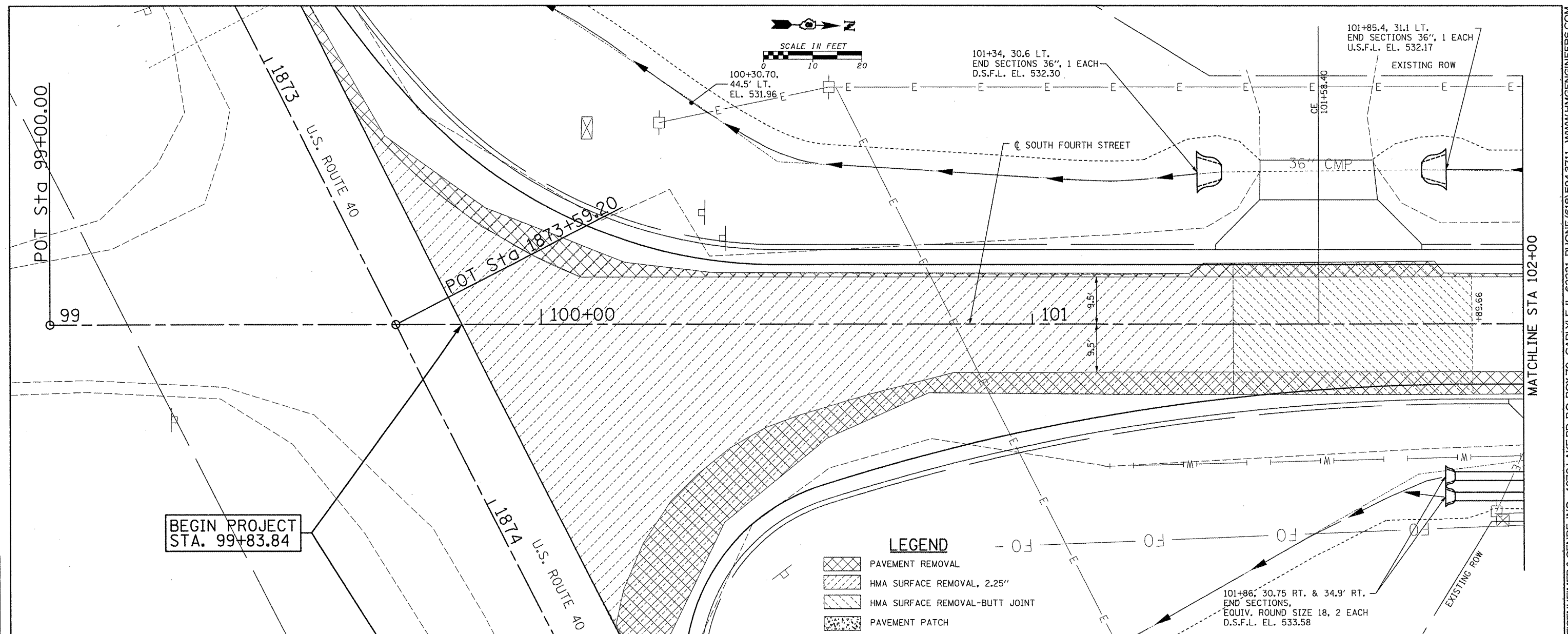
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	36
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMGENGINEERS.COM

PLAN	SURVEYED	BY	DATE
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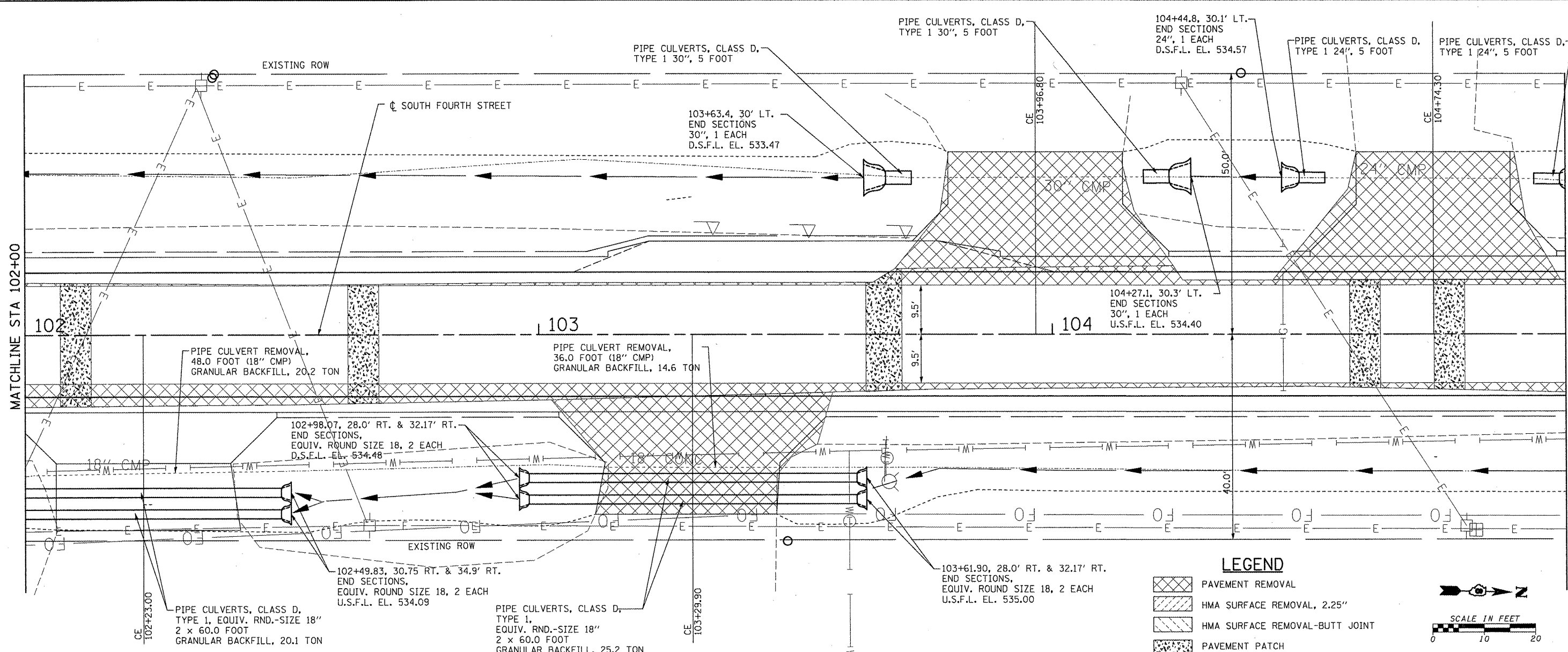


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HENRY MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL 62231 PHONE (618)594-3711 WWW.HMENGINEERS.COM

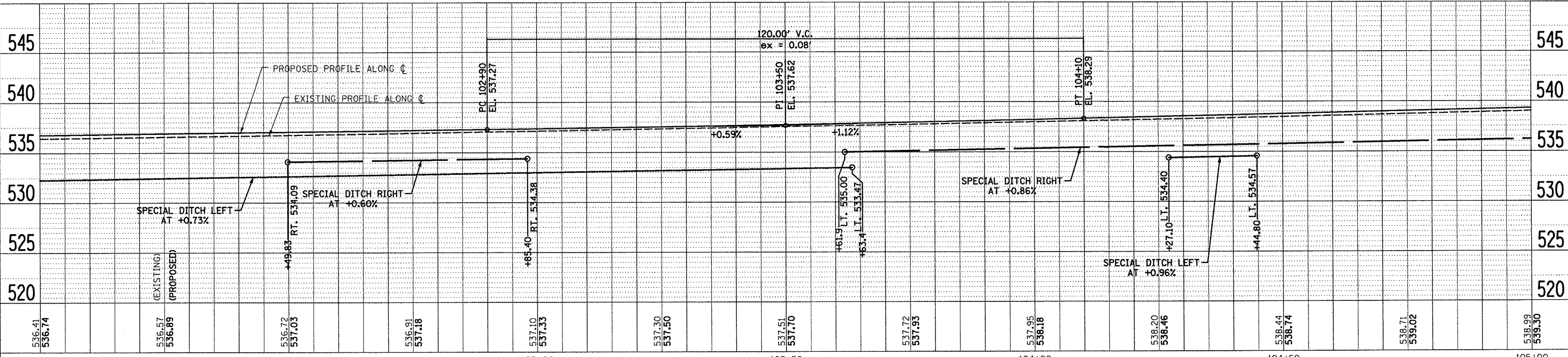
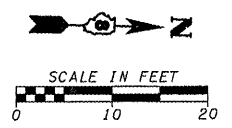
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SURVEYED	ALIGNED
NOTED	CHECKED
NO.	NO.

DATE	BY
SURVEYED	ALIGNED
NOTED	CHECKED
NO.	NO.



LEGEND

	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 2.25"
	HMA SURFACE REMOVAL-BUTT JOINT
	PAVEMENT PATCH



102+00	102+50	103+00	103+50	104+00	104+50	105+00
536.41 536.74	536.57 536.89	536.72 537.03	536.91 537.18	537.10 537.33	537.30 537.50	537.51 537.70
						537.72 537.93
						537.95 538.18
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT & REMOVAL
PLAN & PROFILE - FOURTH STREET**

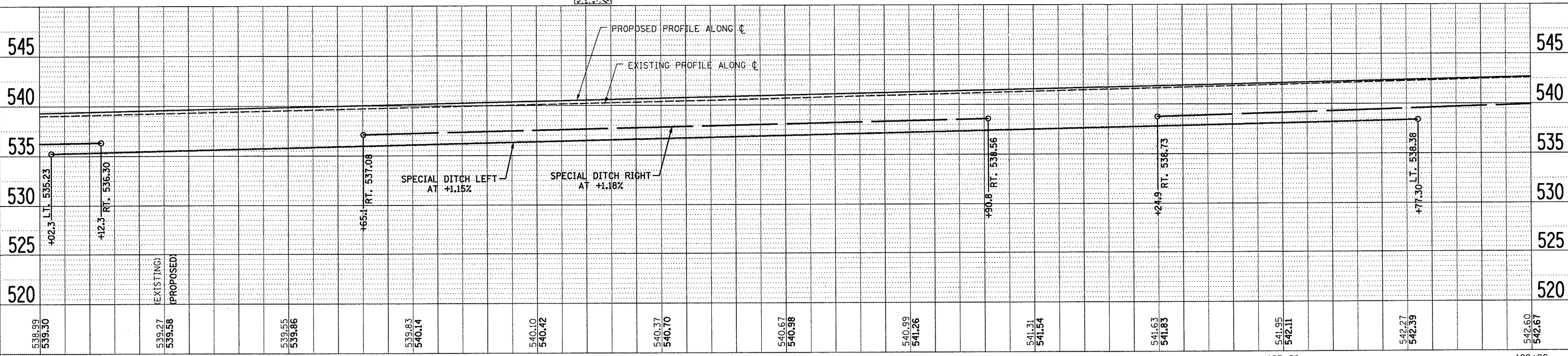
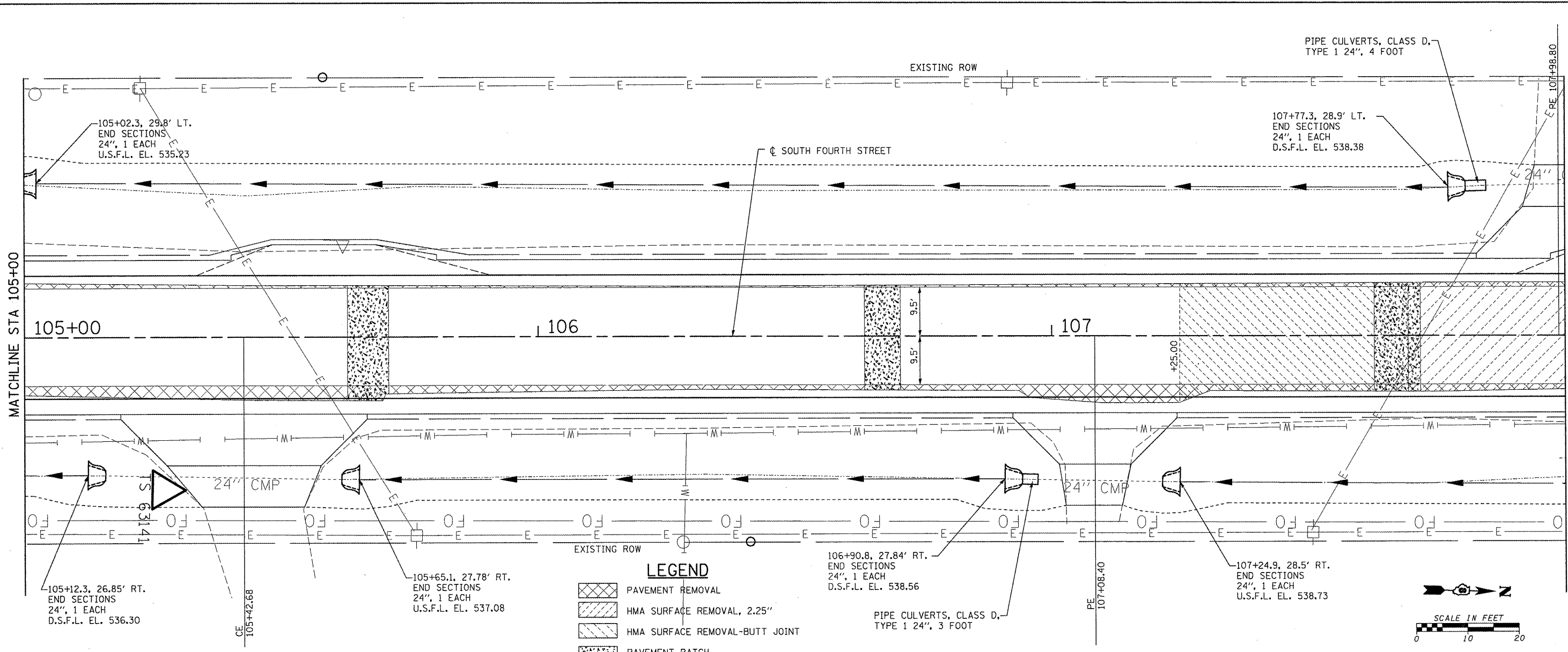
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
9833	05-00016-02-WR	BOND	85 38
			CONTRACT NO. 97426
ILLINOIS FED. AID PROJECT			

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, ILL. 62231 PHONE (618)594-3711 WWW.HMENGINEERS.COM

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNMENT CHECKED	
NO.	RT. OF WAY CHECKED	
	PROP. FILE MADE	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
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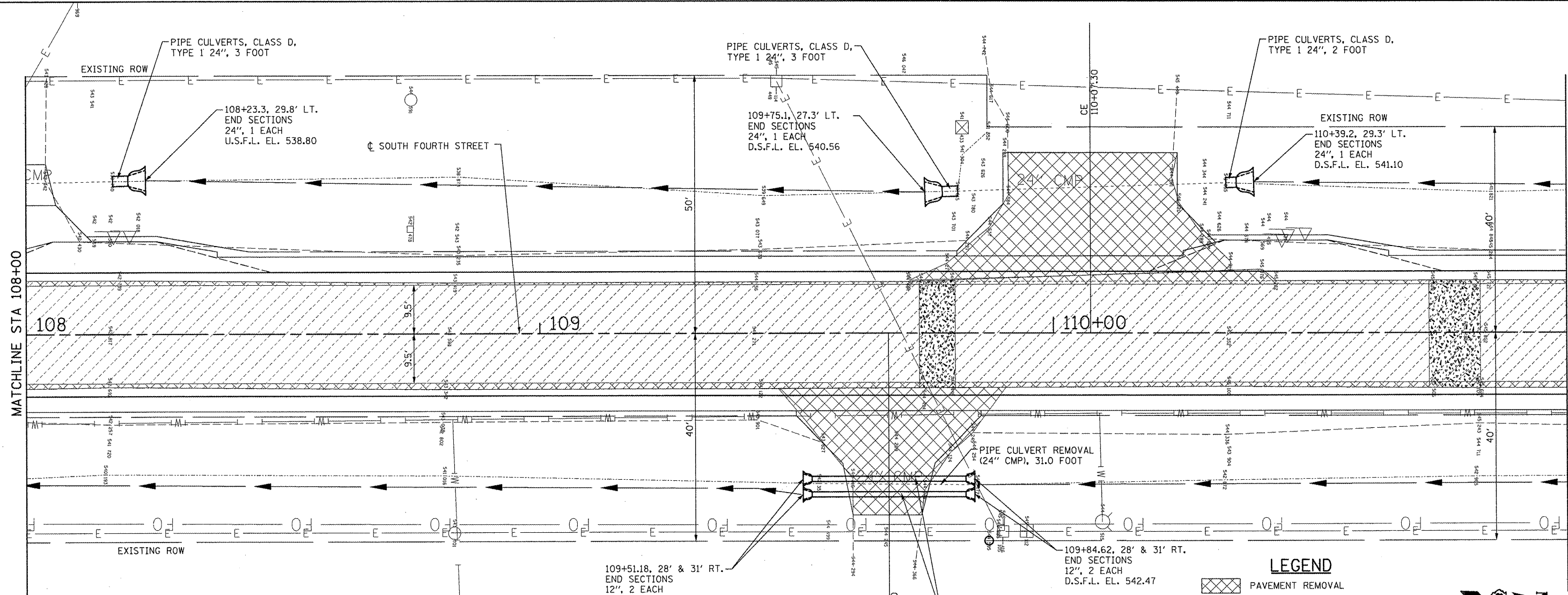


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HMG JOB NO. 6314.1	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, ILL. 62231 PHONE (618)594-3711 WWW.HMGENGINEERS.COM

PLAN	SURVEYED	BY	DATE
	ALIGNED		
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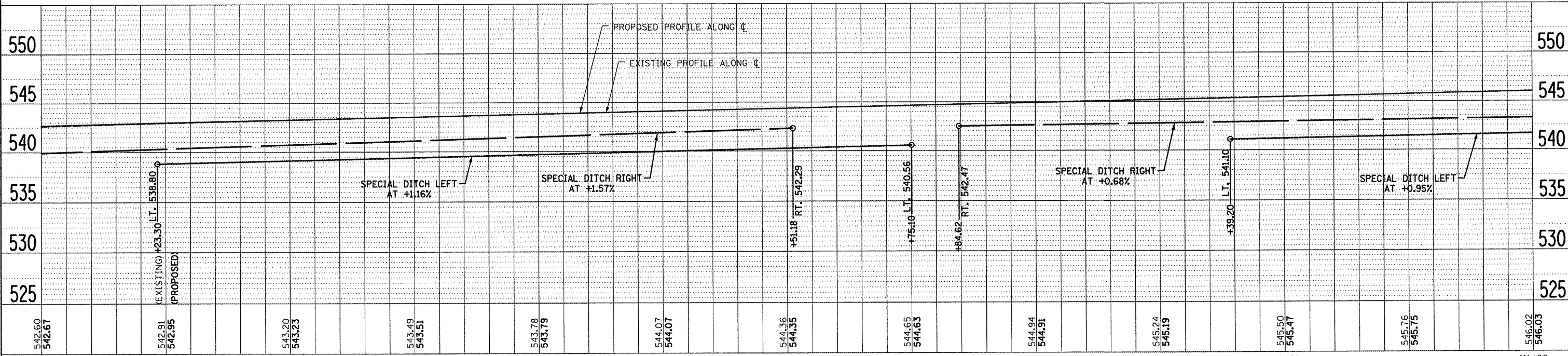
PROFILE	SURVEYED	BY	DATE
	PLotted		
	BOOK		
	NO.		
	STRUCTURE		
	NOTATIONS		
	CPWD		



LEGEND

- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.25"
- HMA SURFACE REMOVAL-BUTT JOINT
- PAVEMENT PATCH

SCALE IN FEET
0 10 20



108+00	108+50	109+00	109+50	110+00	110+50	111+00
542.60 542.67	542.91 542.95	543.20 543.23	543.49 543.51	543.78 543.79	544.07 544.07	544.36 544.35
544.65 544.63	544.94 544.91	545.24 545.19	545.50 545.47	545.76 545.75	546.02 546.03	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT & REMOVAL
PLAN & PROFILE - FOURTH STREET**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	40
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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HMG JOB NO. 6314.1

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PLOT DATE = #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET NO. OF SHEETS STA. TO STA.

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMGENGINEERS.COM

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

111+24.4, 28.5' LT.
END SECTIONS
24", 1 EACH
D.S.F.L. EL. 541.91

PIPE CULVERTS, CLASS D,
TYPE 1 24", 5 FOOT

PIPE CULVERTS, CLASS D,
TYPE 1 24", 5 FOOT

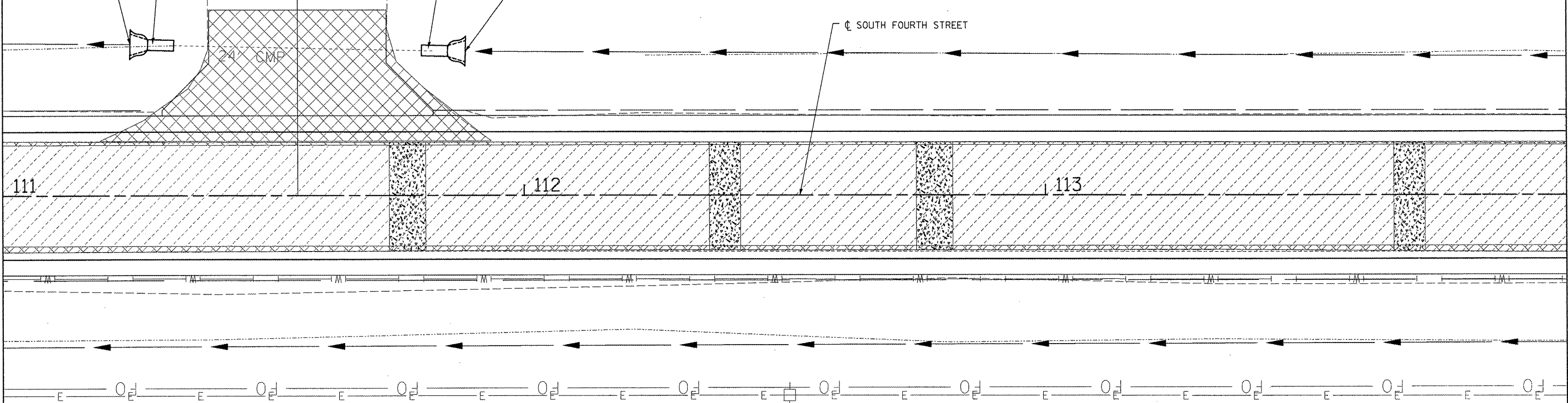
111+88.8, 27.2' LT.
END SECTIONS
24", 1 EACH
U.S.F.L. EL. 542.55

EXISTING ROW

CL SOUTH FOURTH STREET

MATCHLINE STA 111+00

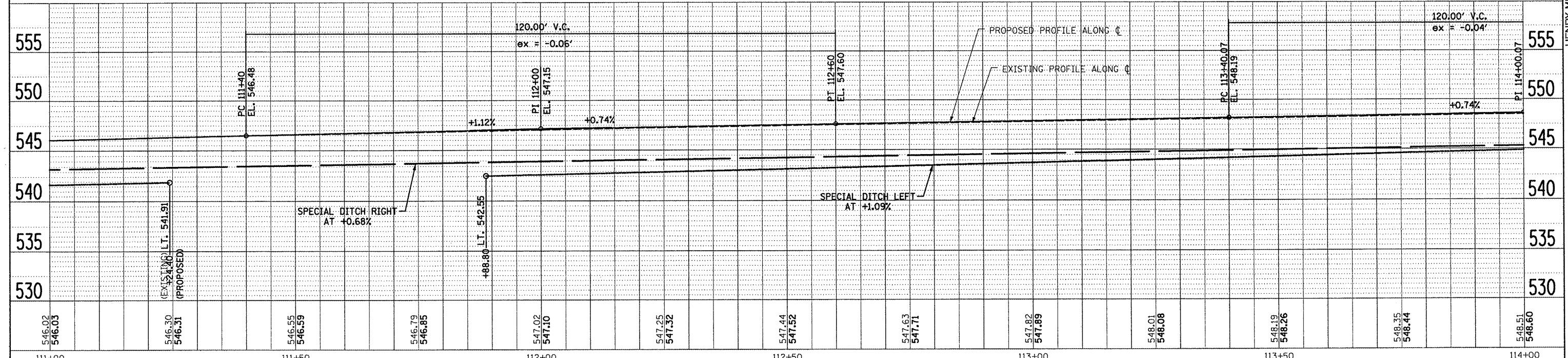
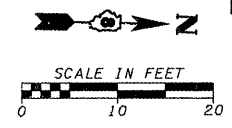
MATCHLINE STA 114+00



EXISTING ROW

LEGEND

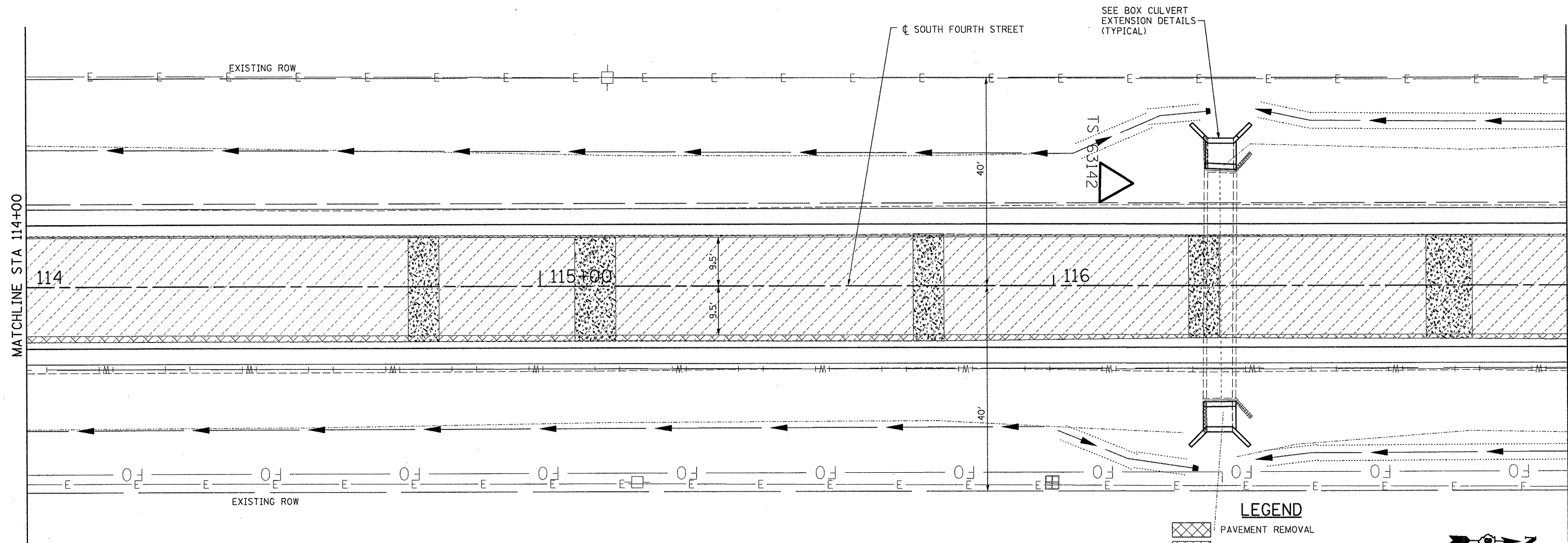
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.25"
- HMA SURFACE REMOVAL-BUTT JOINT
- PAVEMENT PATCH



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HMG JOB NO. 6314.1	PLOT DATE = #DATE#	DATE -	REVISED -					ILLINOIS FED. AID PROJECT							

DATE	BY
SURVEYED	ALIGNED
PLANNED	CHECKED
NOTE BOOK	RT. OF WAY CHECKED
NO.	ADD. FILE NAME

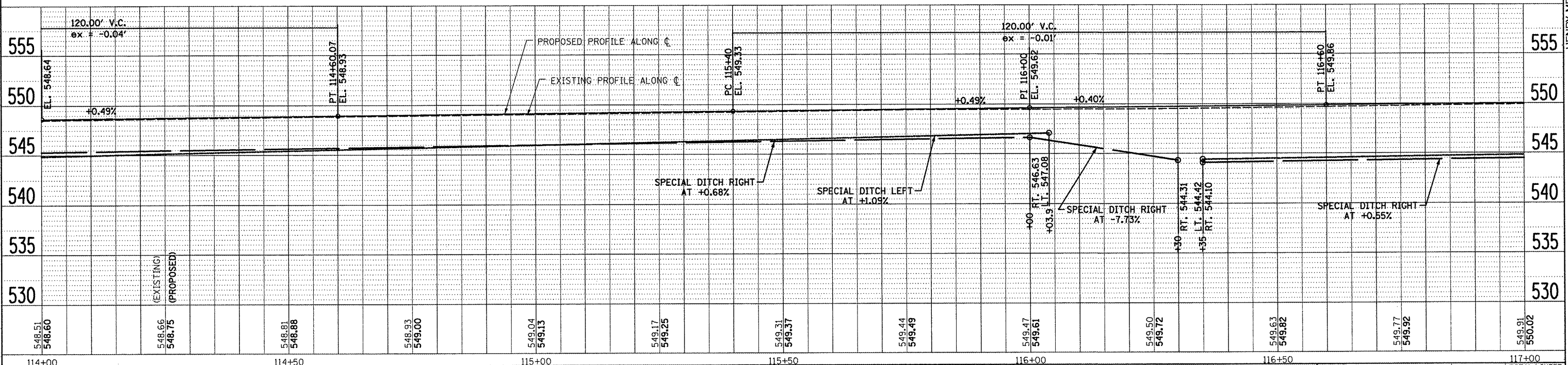
DATE	BY
PROF. FILE	STRUCTURE
PLANNED	NOTATION
NOTE BOOK	NO.
NO.	



LEGEND

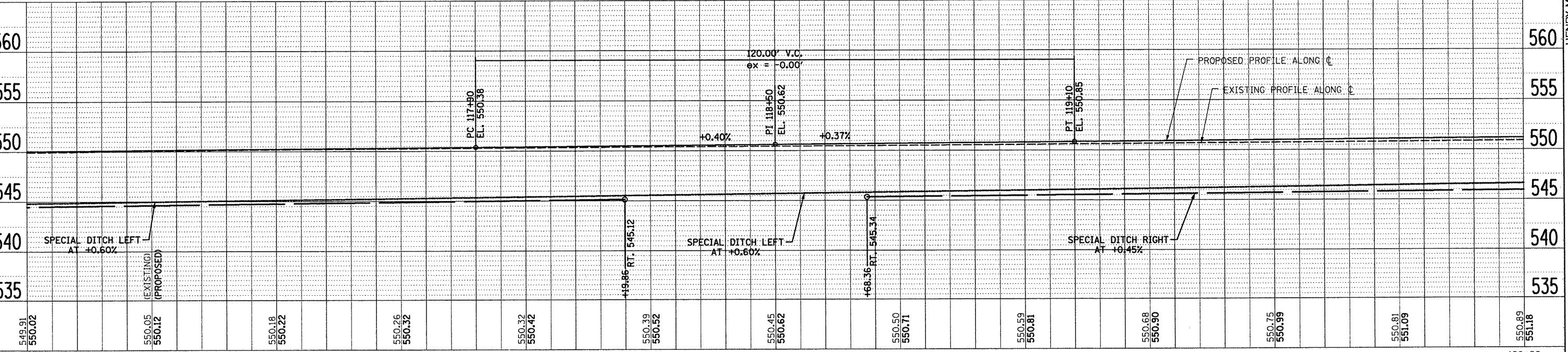
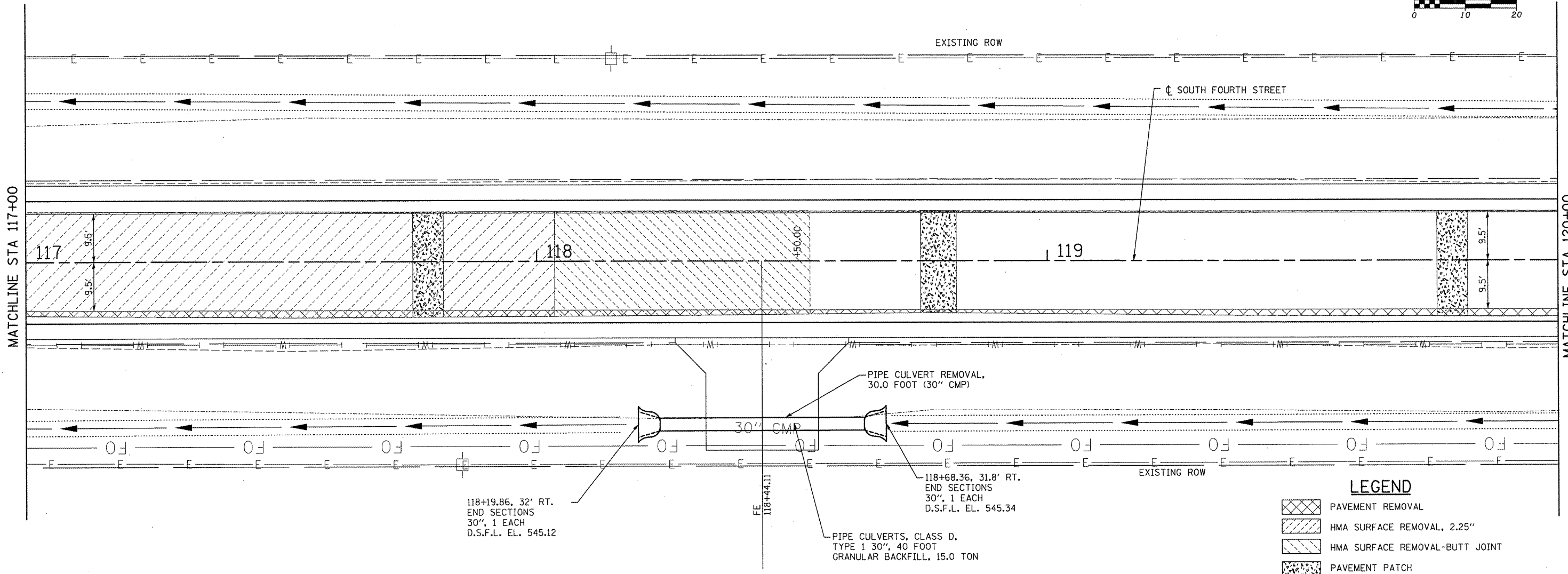
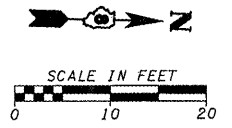
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.25"
- HMA SURFACE REMOVAL-BUTT JOINT
- PAVEMENT PATCH

SCALE IN FEET
0 10 20



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HMG JOB NO. 6314.1	PLOT DATE = #DATE*	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

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PLAN	SURVEYED	DATE
	ALIGNED	BY
	NOTED	BY
	CHECKED	BY
	DATE	

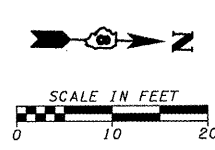
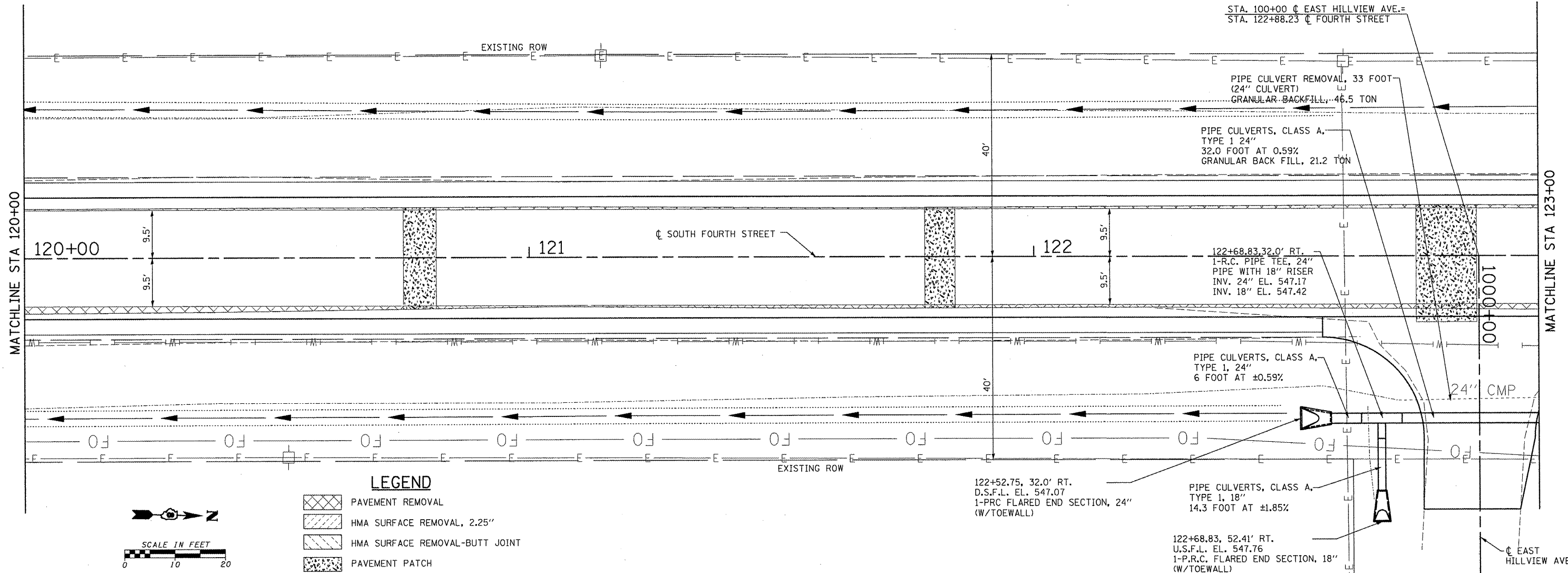
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	PLotted	BY
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HMG JOB NO. 6314.1	PLOT DATE = #DATE#	CHECKED -	REVISIONS				ILLINOIS FED. AID PROJECT				

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMENGINEERS.COM

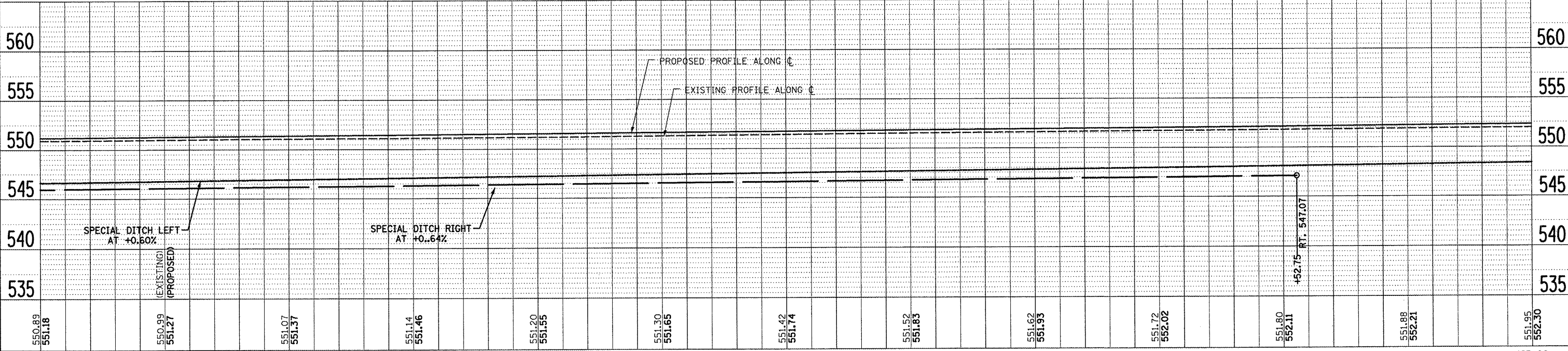
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	ALIGNED		
	CHECKED		
	NOTE BOOK		
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	CHECKED		
	DATE		
	BY		
	NO.		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	NOTE BOOK		
	NO. OF PAGES		
	CHECKED		
	DATE		
	BY		
	NO.		



LEGEND

	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 2.25"
	HMA SURFACE REMOVAL-BUTT JOINT
	PAVEMENT PATCH



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT & REMOVAL
PLAN & PROFILE - FOURTH STREET**

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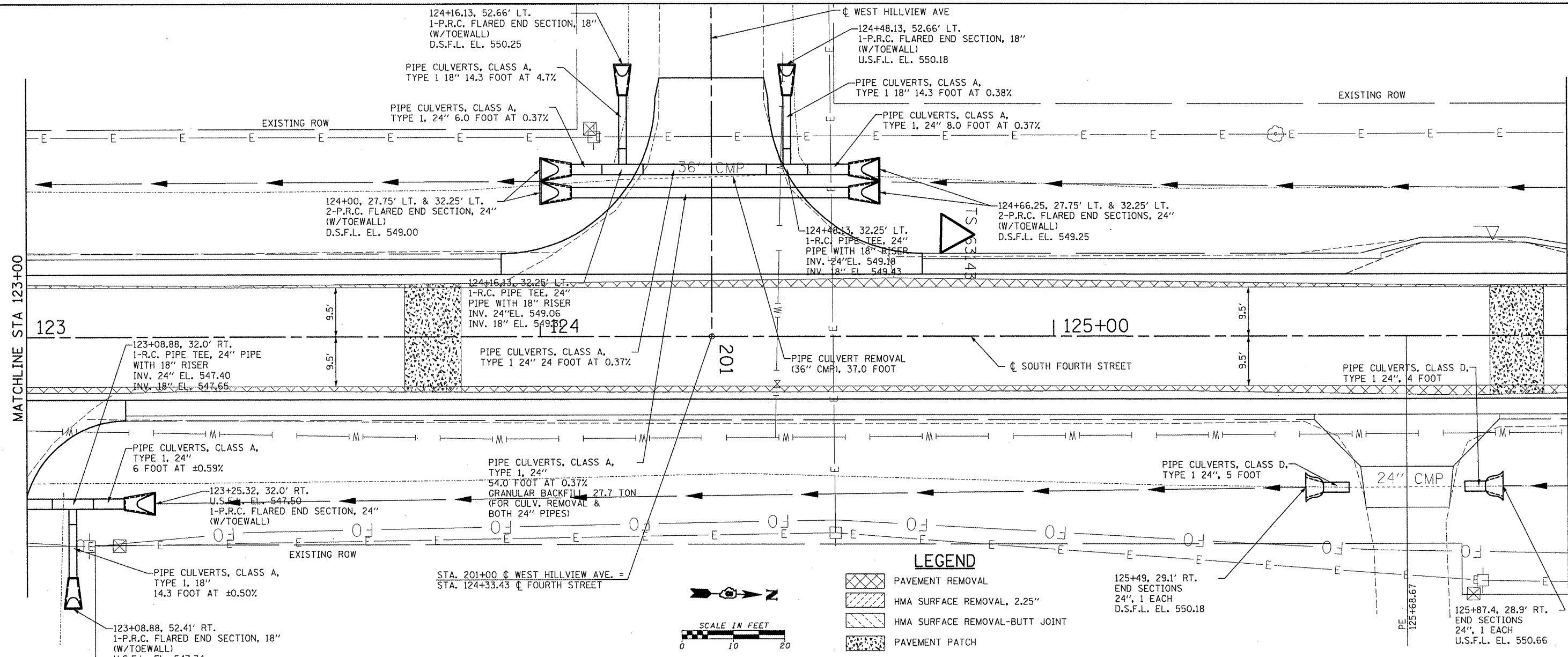
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	44
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, ILL. 62231 PHONE (618) 594-3711 WWW.HMENGINEERS.COM

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 ALIGNED: _____
 CHECKED: _____
 RT. OF WAY CHECKED: _____
 NOTE BOOK NO.: _____
 CAD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 B.M. NOTED: _____
 STRUCTURE NOTATION: _____
 NO.: _____

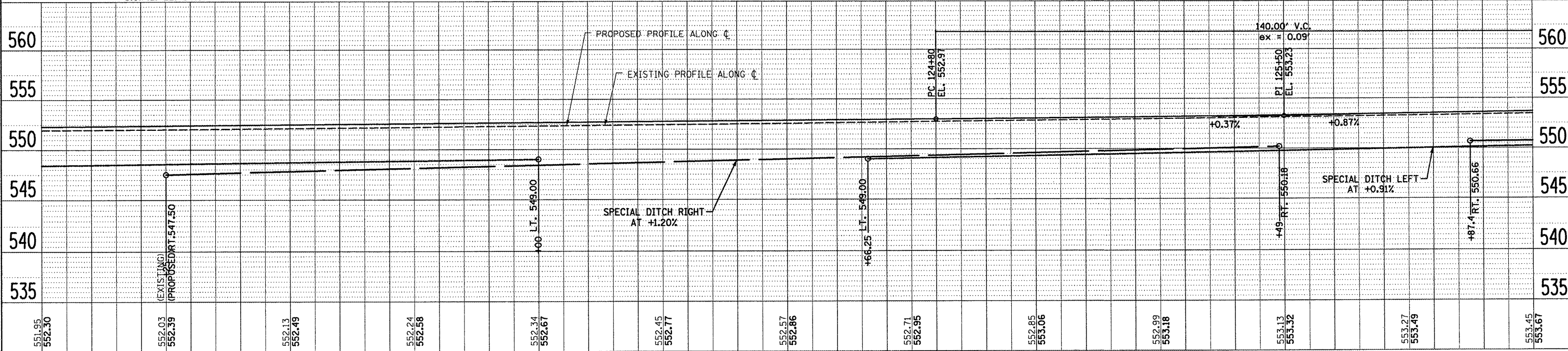


LEGEND

- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, 2.25"
- HMA SURFACE REMOVAL-BUTT JOINT
- PAVEMENT PATCH

SCALE IN FEET
 0 10 20

125+49, 29.1' RT. END SECTIONS 24", 1 EACH U.S.F.L. EL. 550.18



551.95 552.30	552.03 552.59	552.13 552.49	552.24 552.58	552.34 552.67	552.45 552.77	552.57 552.86	552.71 552.95	552.85 553.06	552.99 553.18	553.13 553.32	553.27 553.49	553.45 553.67
123+00	123+50	124+00	124+50	125+00	125+50	126+00						

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 HMG JOB NO. 6314.1

USER NAME = #USERS
 DESIGNED - CRW
 DRAWN - EDW
 CHECKED -
 DATE -
 REVISIONS:
 REVISION -
 REVISION -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CULVERT & REMOVAL
 PLAN & PROFILE - FOURTH STREET**

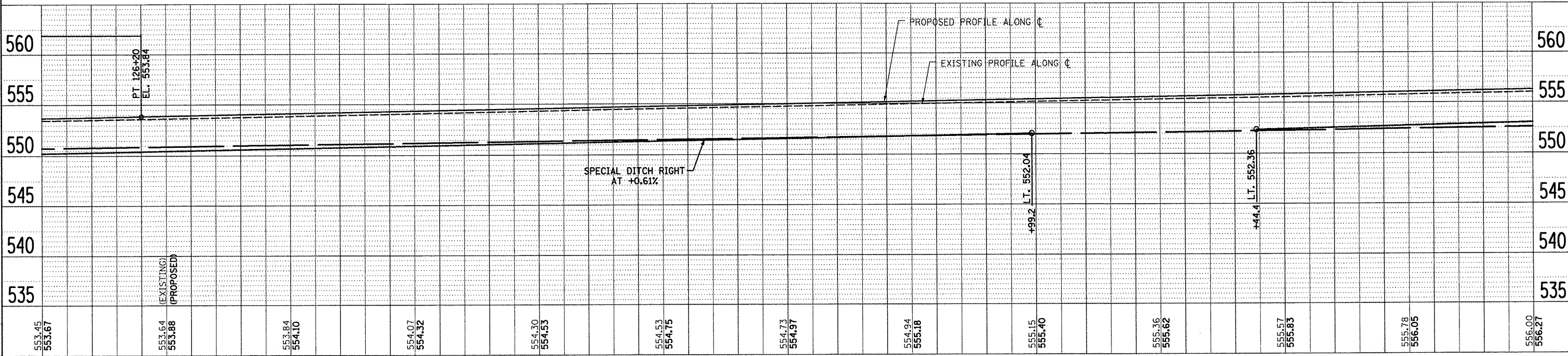
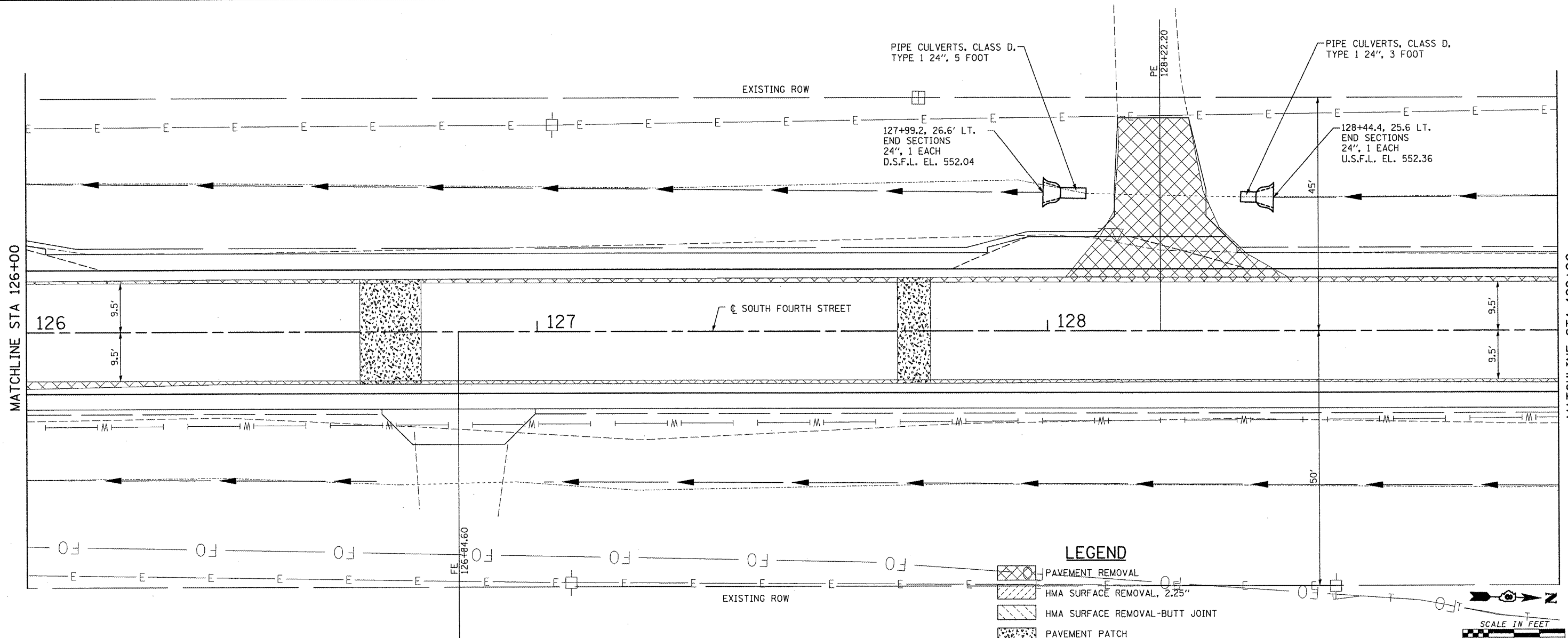
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	45
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

HENRY, WEISENHEIMER & GENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMENGINEERS.COM

DATE
BY
SURVEYED
ALIGNED
CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO. CAD FILE NAME

DATE
BY
SURVEYED
PLOTTED
CHECKED
BL. NOTED
STRUCTURE NOTATION OK'D
NOTE BOOK
NO.



553.45 553.67	553.64 553.88 (EXISTING) (PROPOSED)	553.84 554.10	554.07 554.32	554.30 554.53	554.53 554.75	554.73 554.97	554.94 555.18	555.15 555.40	555.36 555.62	555.57 555.83	555.78 556.05	556.00 556.27
126+00		126+50		127+00		127+50		128+00		128+50		129+00

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HMG JOB NO. 6314.1

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DRAWN - EDW
CHECKED -
DATE -
REVISOR -
REVISED -
REVISOR -
REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT & REMOVAL
PLAN & PROFILE - FOURTH STREET**
SCALE: SHEET NO. OF SHEETS STA. TO STA.





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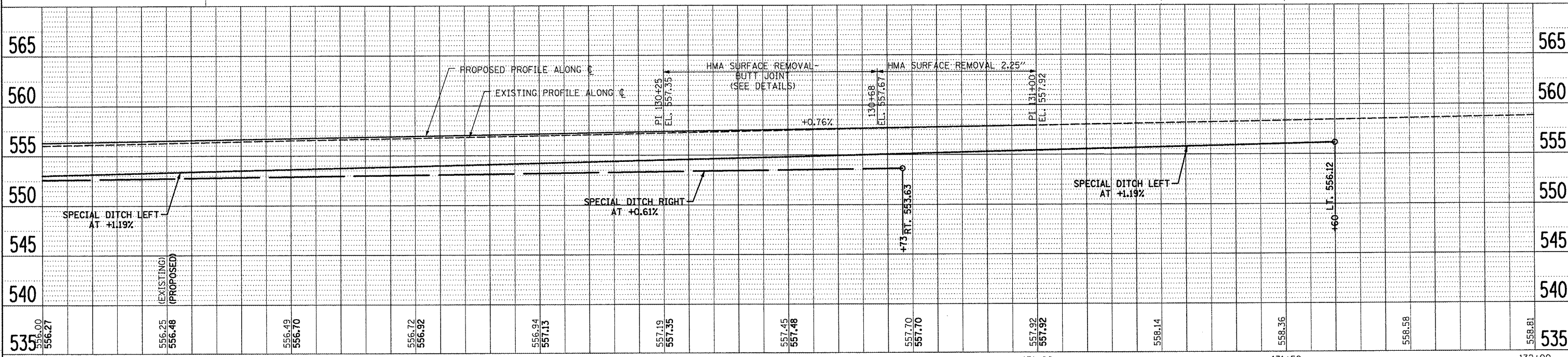
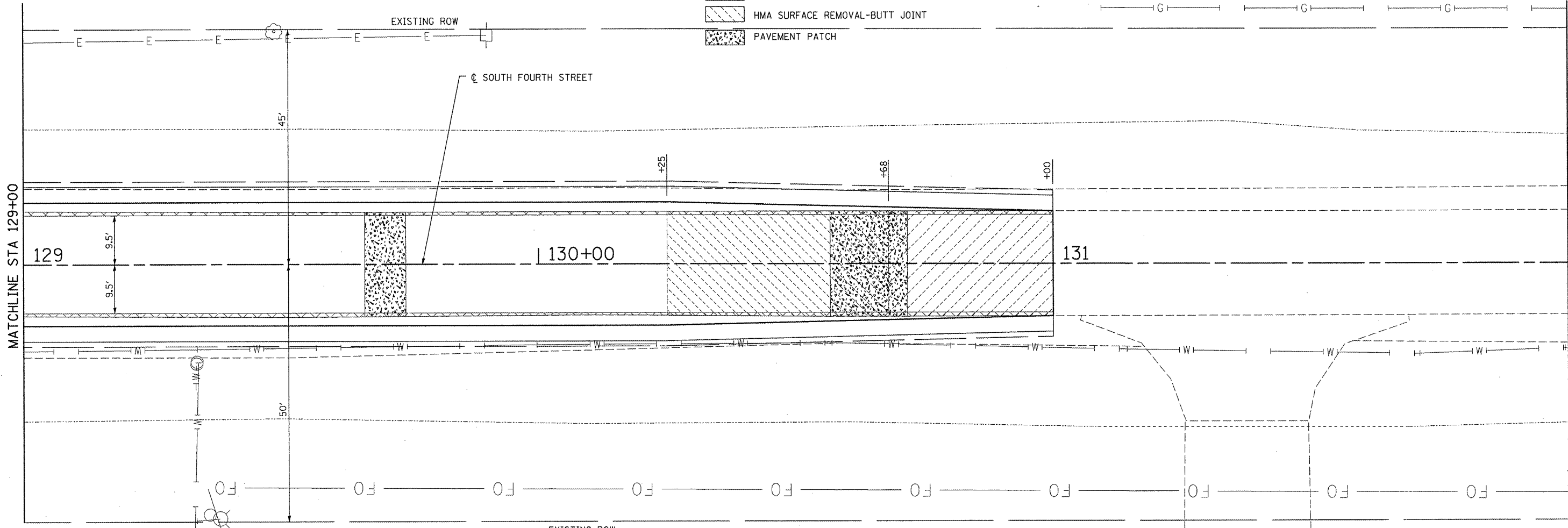
HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMGENGINEERS.COM

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	STRUCTURE NOTATION CHKD		
	NO.		

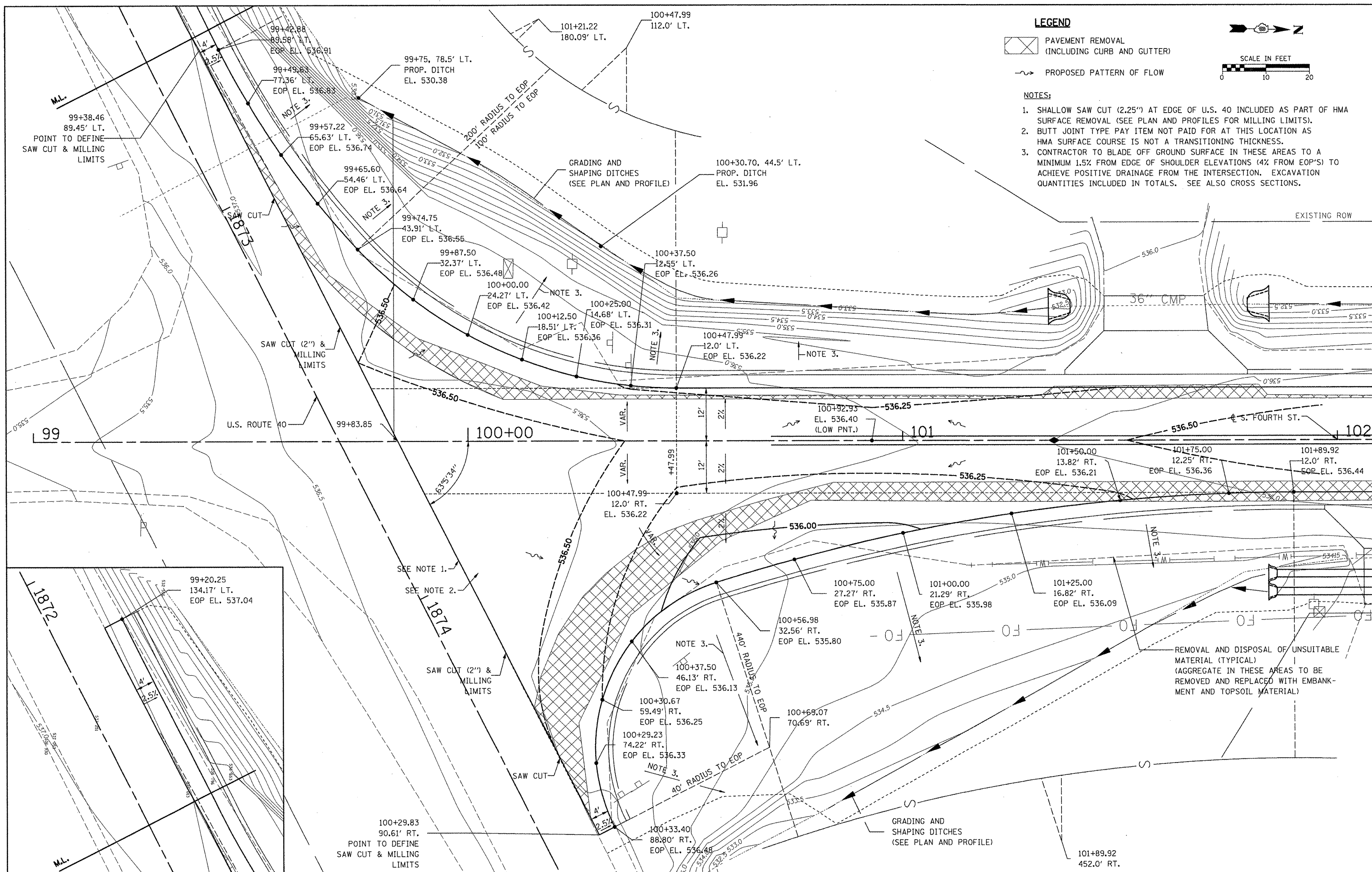
LEGEND

-  PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL, 2.25"
-  HMA SURFACE REMOVAL-BUTT JOINT
-  PAVEMENT PATCH





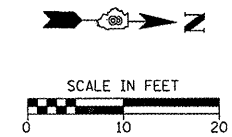
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		DATE -	REVISED -									

HENRY, MEISENHEIMER & GENDEL, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618) 594-3711 WWW.HMENGINEERS.COM



LEGEND

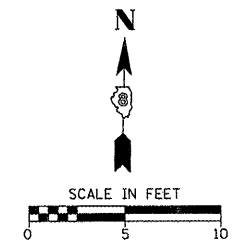
-  PAVEMENT REMOVAL (INCLUDING CURB AND GUTTER)
-  PROPOSED PATTERN OF FLOW



NOTES:

1. SHALLOW SAW CUT (2.25") AT EDGE OF U.S. 40 INCLUDED AS PART OF HMA SURFACE REMOVAL (SEE PLAN AND PROFILES FOR MILLING LIMITS).
2. BUTT JOINT TYPE PAY ITEM NOT PAID FOR AT THIS LOCATION AS HMA SURFACE COURSE IS NOT A TRANSITIONING THICKNESS.
3. CONTRACTOR TO BLADE OFF GROUND SURFACE IN THESE AREAS TO A MINIMUM 1.5% FROM EDGE OF SHOULDER ELEVATIONS (4% FROM EOP'S) TO ACHIEVE POSITIVE DRAINAGE FROM THE INTERSECTION. EXCAVATION QUANTITIES INCLUDED IN TOTALS. SEE ALSO CROSS SECTIONS.

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	PLOT DATE = #DATE#	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			



EXISTING ROW

122+88.23 (S. FOURTH ST.)=
1000+00 (E. HILLVIEW AVE.)

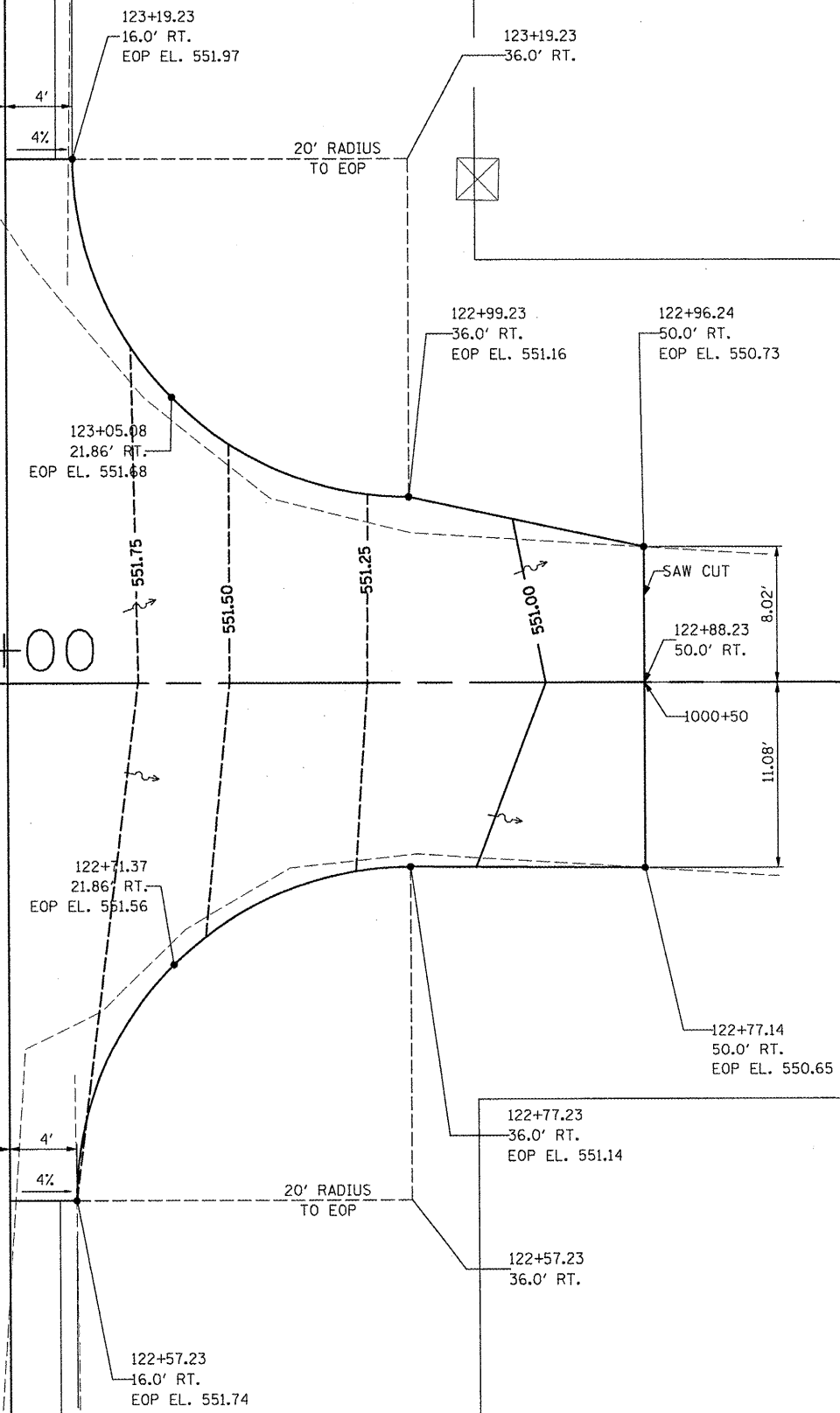
123

1000+00

100

E. HILLVIEW AVE.

S. FOURTH ST.



LEGEND

- PAVEMENT REMOVAL (INCLUDING CURB AND GUTTER)
- PROPOSED PATTERN OF FLOW

FILE NAME = Int Det. E Hillview. 6314.dgn
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HMG JOB NO. 6314.1

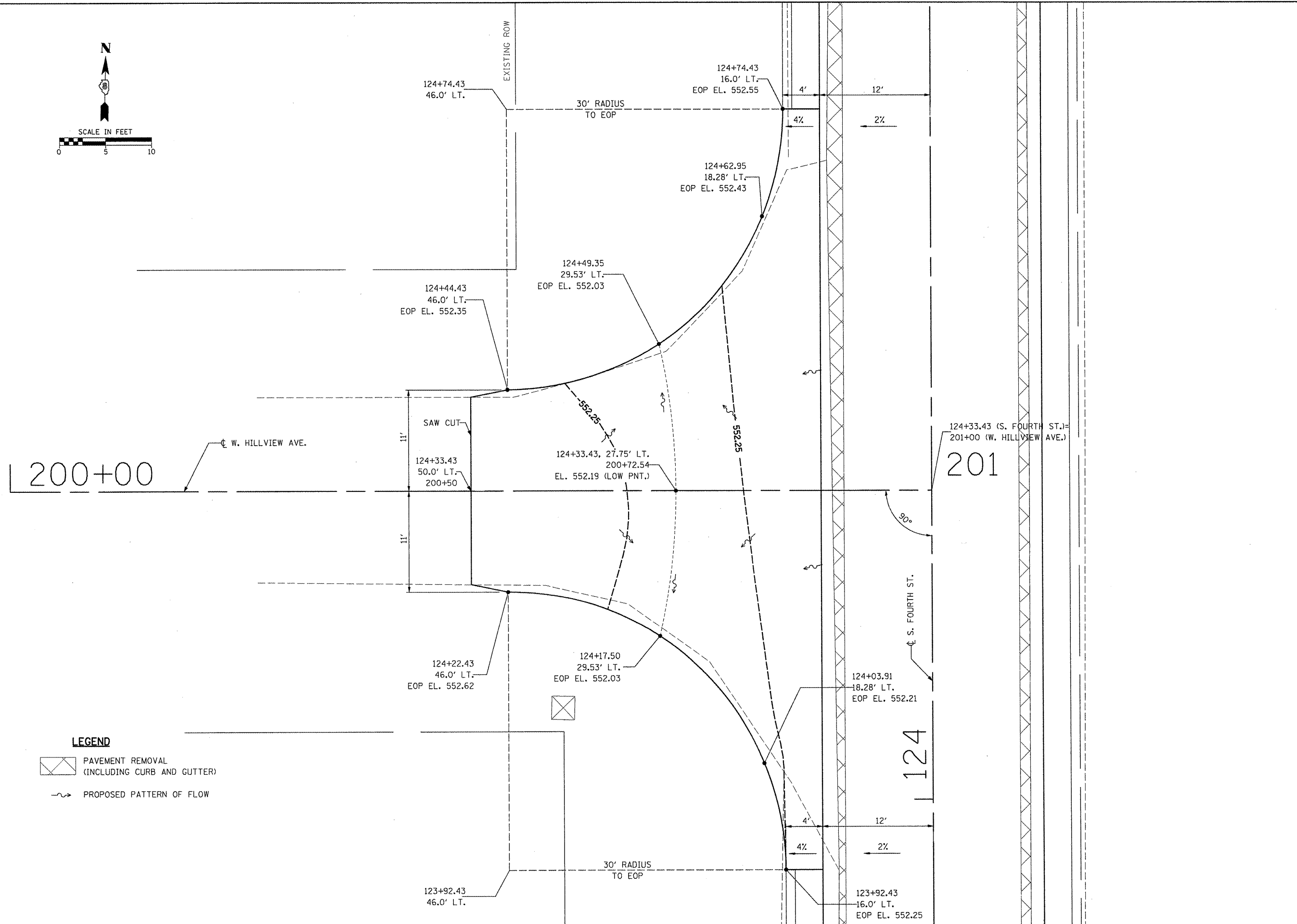
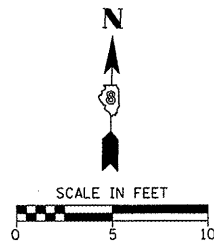
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
S. FOURTH ST. & E. HILLVIEW AVE.**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	49
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- PAVEMENT REMOVAL (INCLUDING CURB AND GUTTER)
 - PROPOSED PATTERN OF FLOW

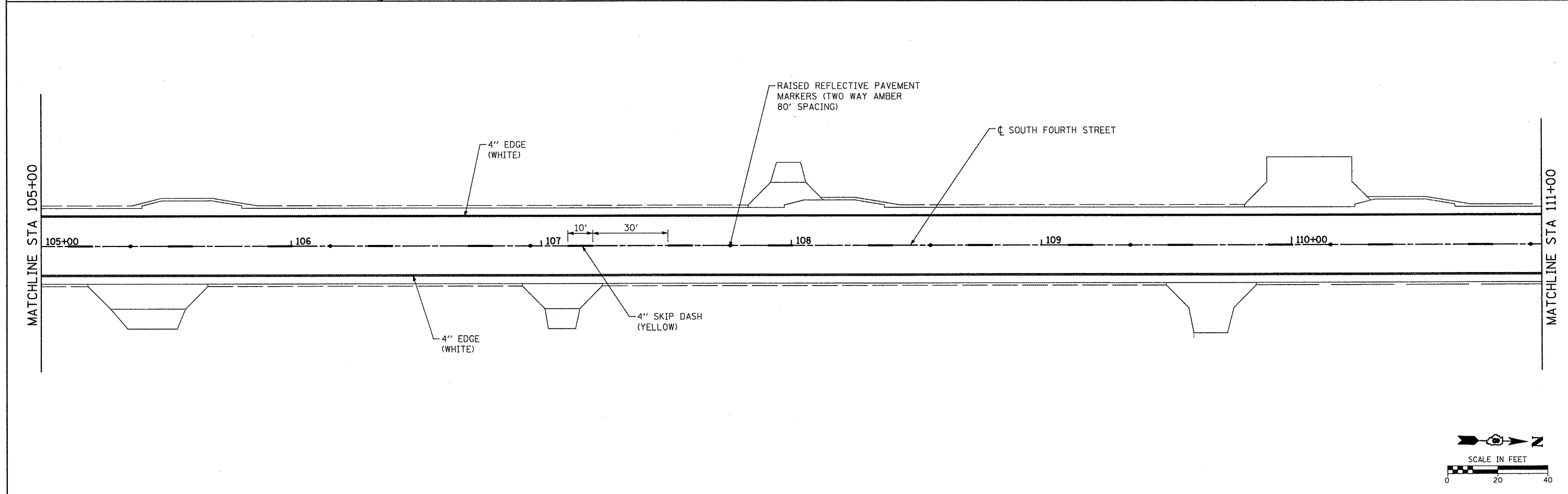
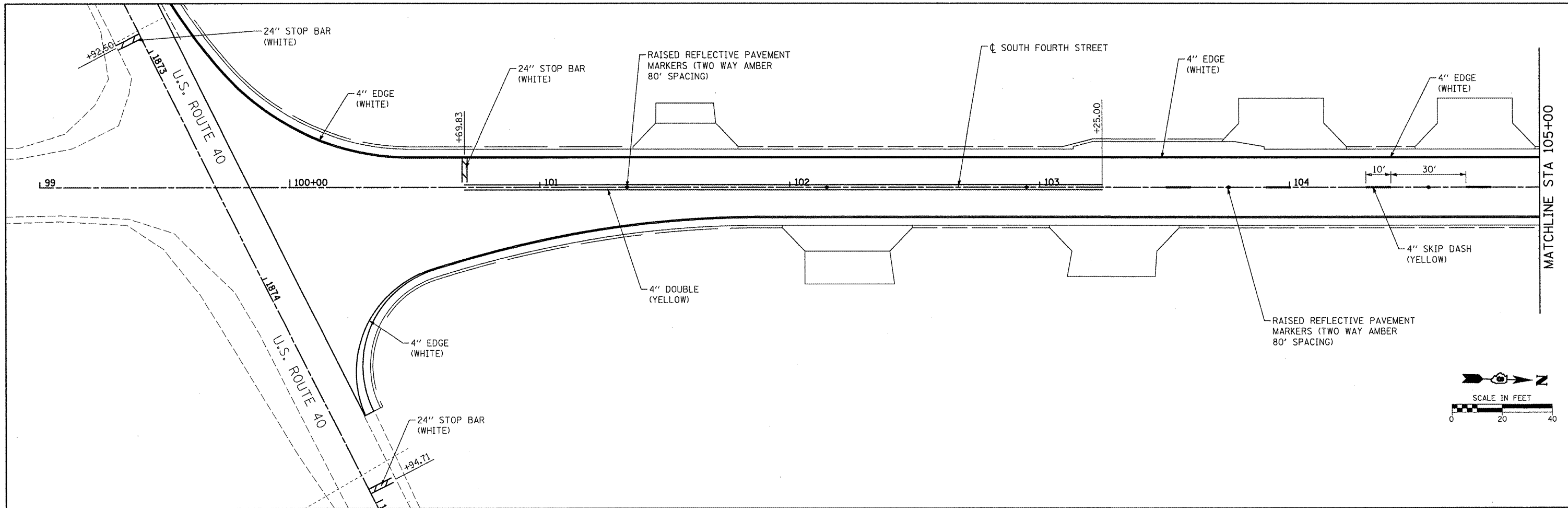
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HMG JOB NO. 6314.1		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
S. FOURTH ST. & W. HILLVIEW AVE.**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	50
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				



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	DATE -	REVISED -

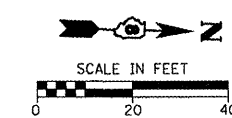
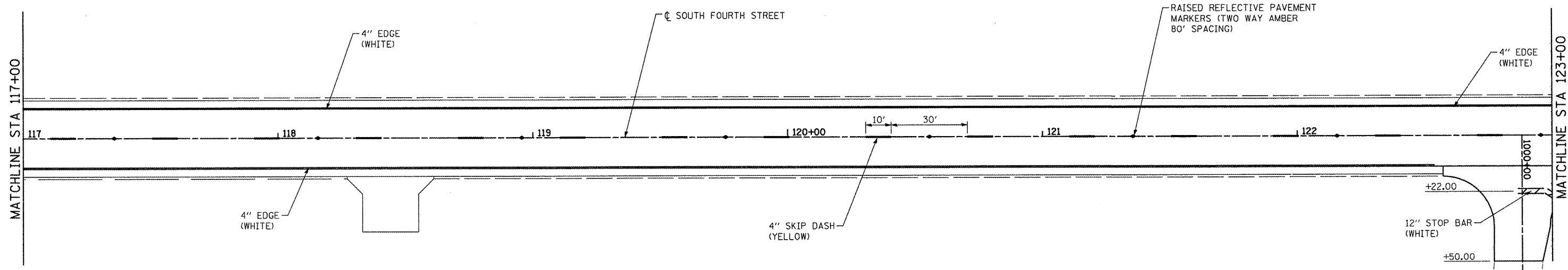
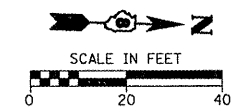
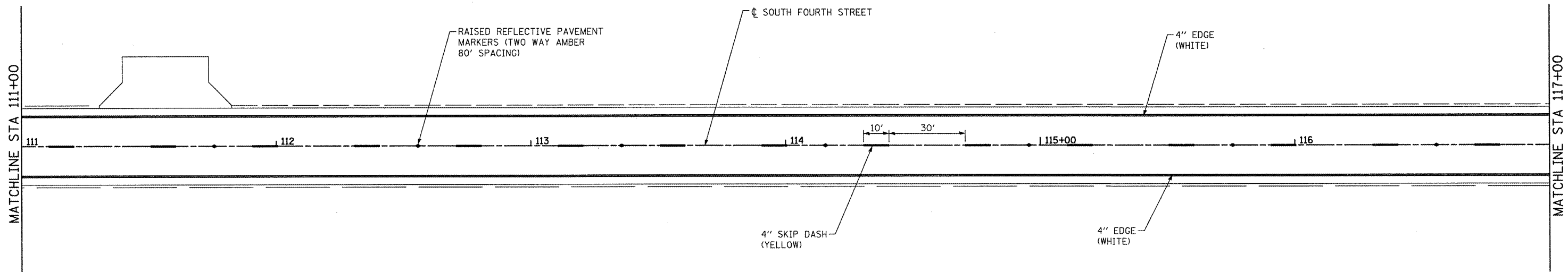
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS - FOURTH STREET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 51
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

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FILE NAME = PM_DBLP_6314_2.DGN
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 CHECKED -
 DATE -

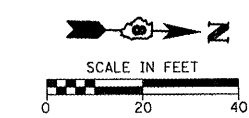
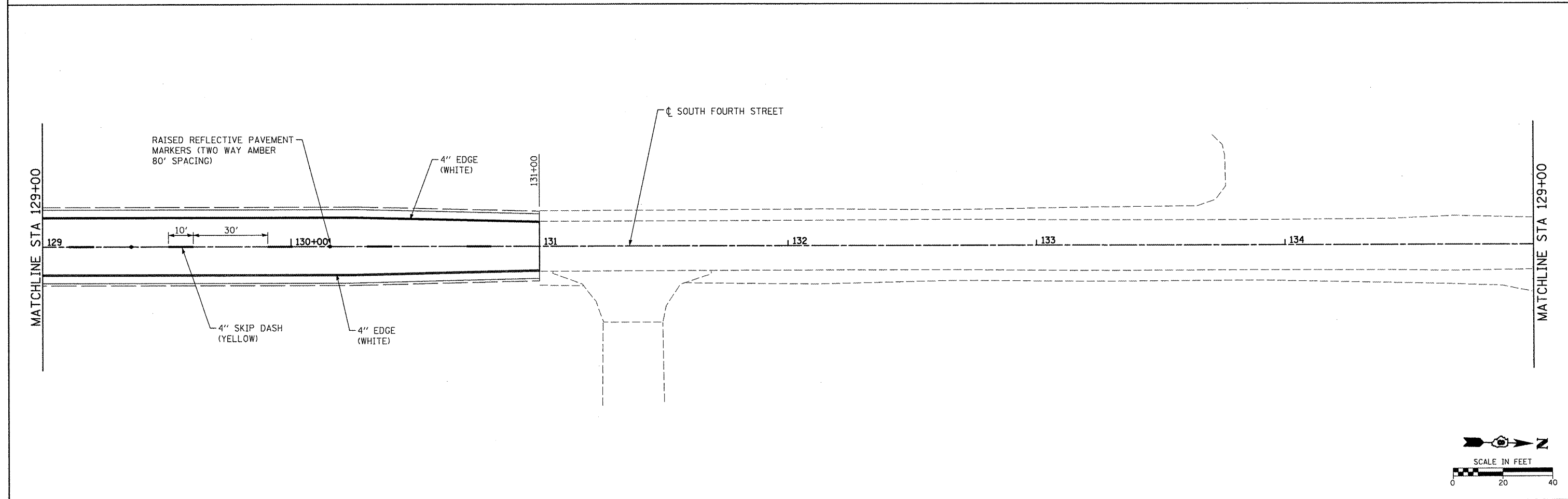
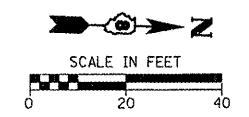
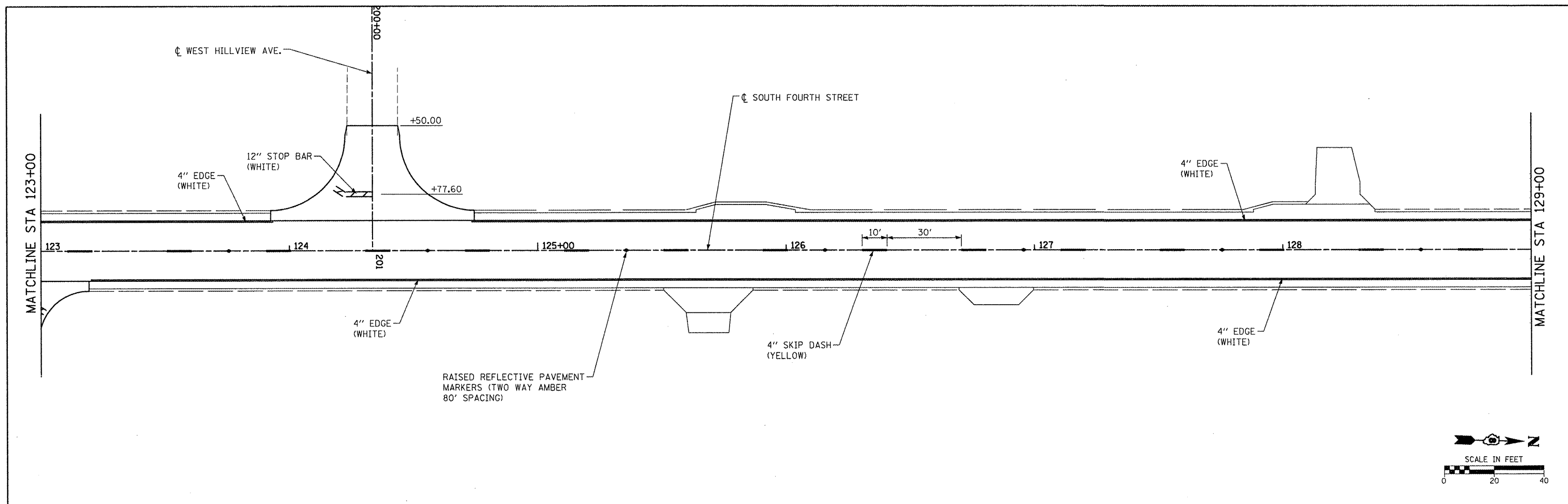
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS - FOURTH STREET
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

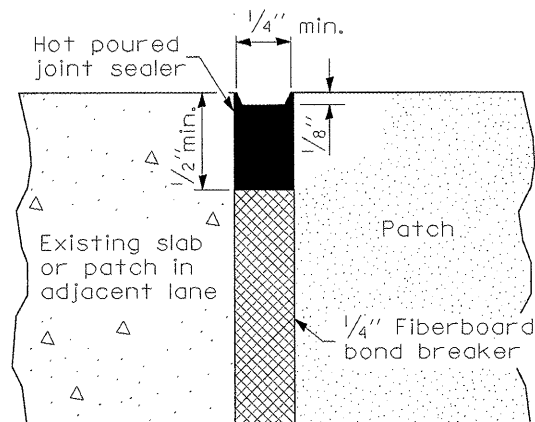
F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 52
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD., P.O. BOX 70, CARLYLE, IL 62231 PHONE (618)594-3711 WWW.HMGENGINEERS.COM

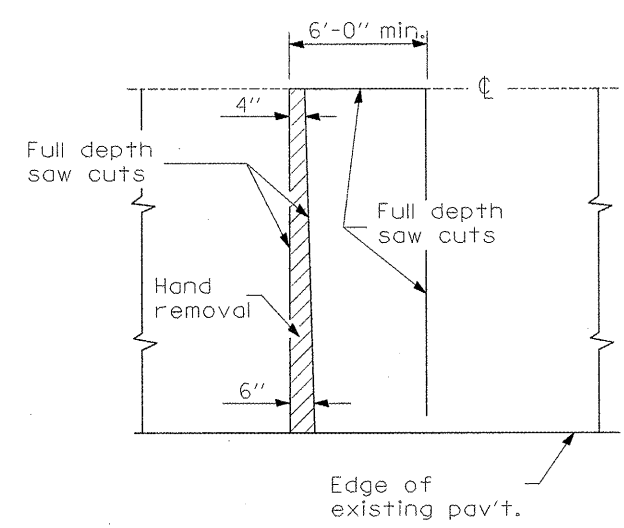


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#FILE#		DRAWN - EDW	REVISED -			9833	05-00016-02-WR	BOND	85	53	
HMC JOB NO. 6314.1	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 97426					
	PLOT DATE = #DATE#	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. OF SHEETS STA. TO STA.					

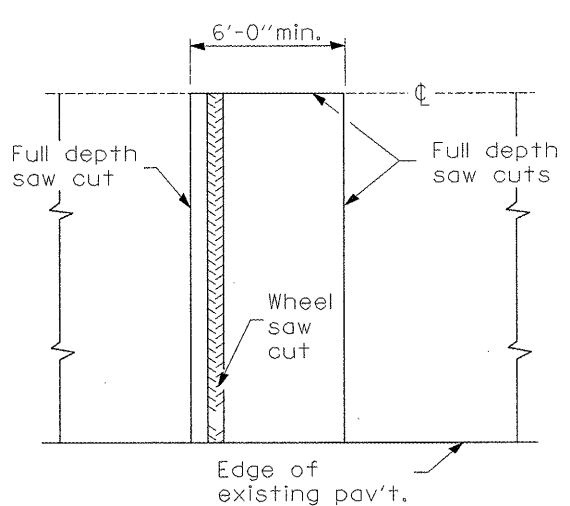
HENRY, MEISENHEIMER & GENDE, INC., 1070 LAKE RD. P.O. BOX 70, CARLYLE, IL. 62231 PHONE (618)594-3711 WWW.HMENGINEERS.COM



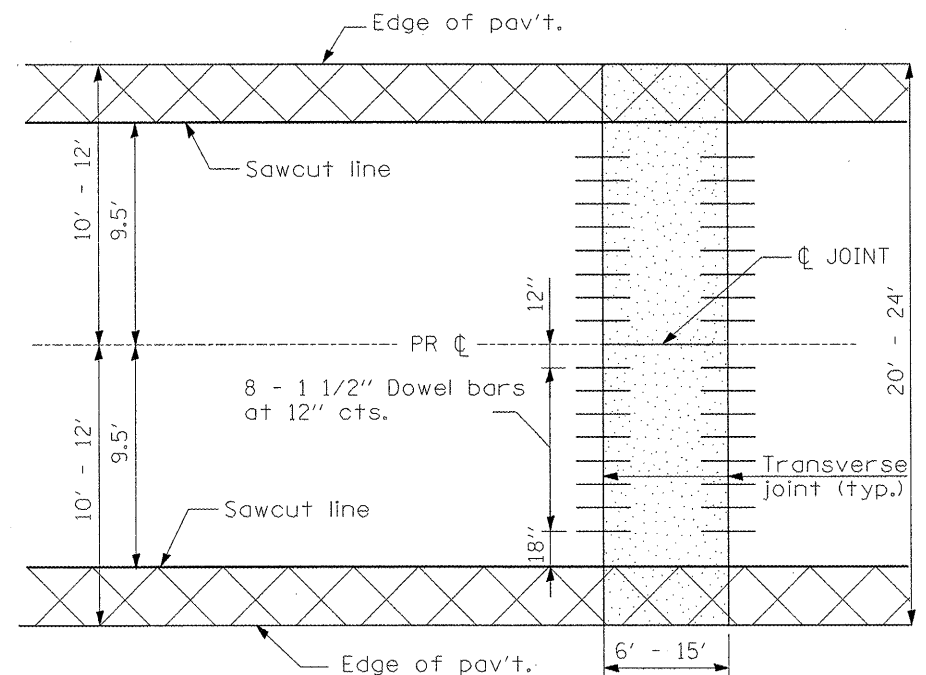
CENTERLINE JOINT



**PAVEMENT SAWING DETAIL
(AGG SHOULDER)**

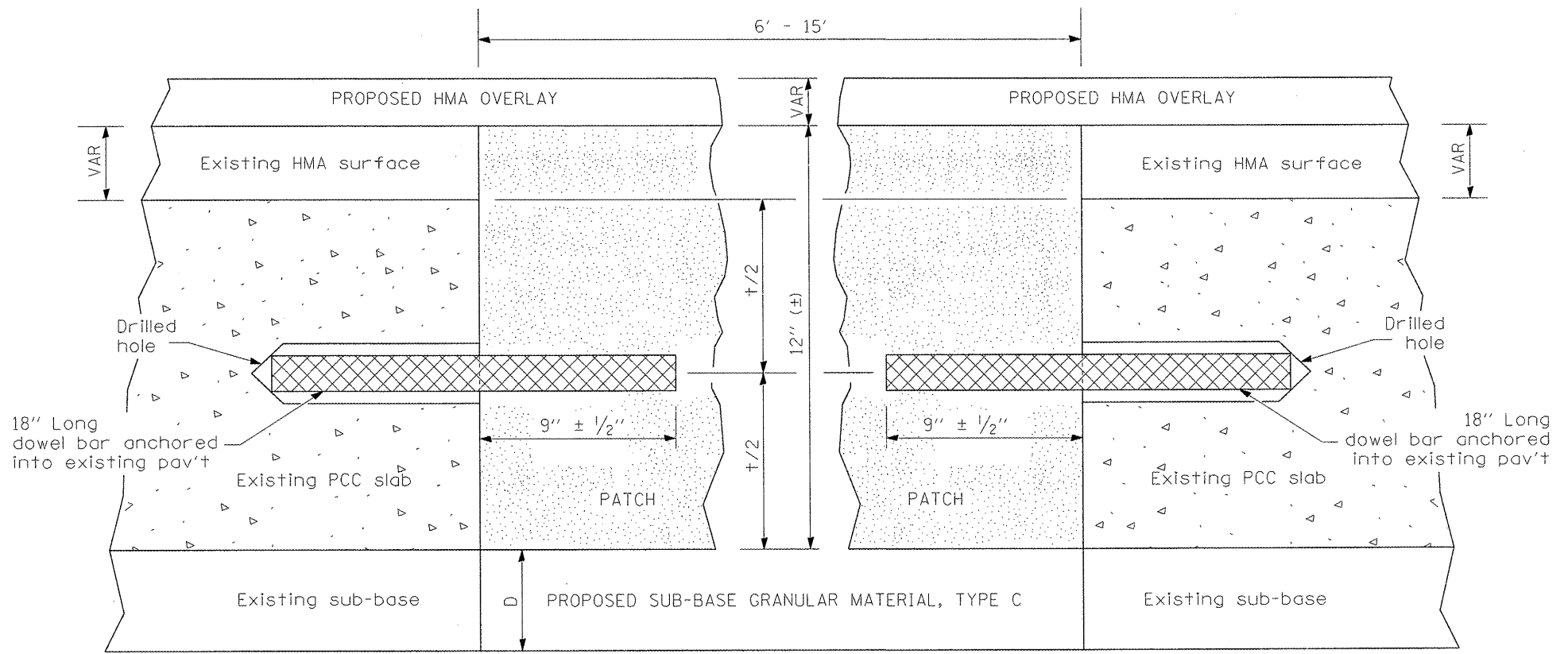


**ALTERNATE SAWING DETAIL
(AGG SHOULDER)**



PATCHING DETAIL WITHOUT EXPANSION JOINT

Pavement Removal



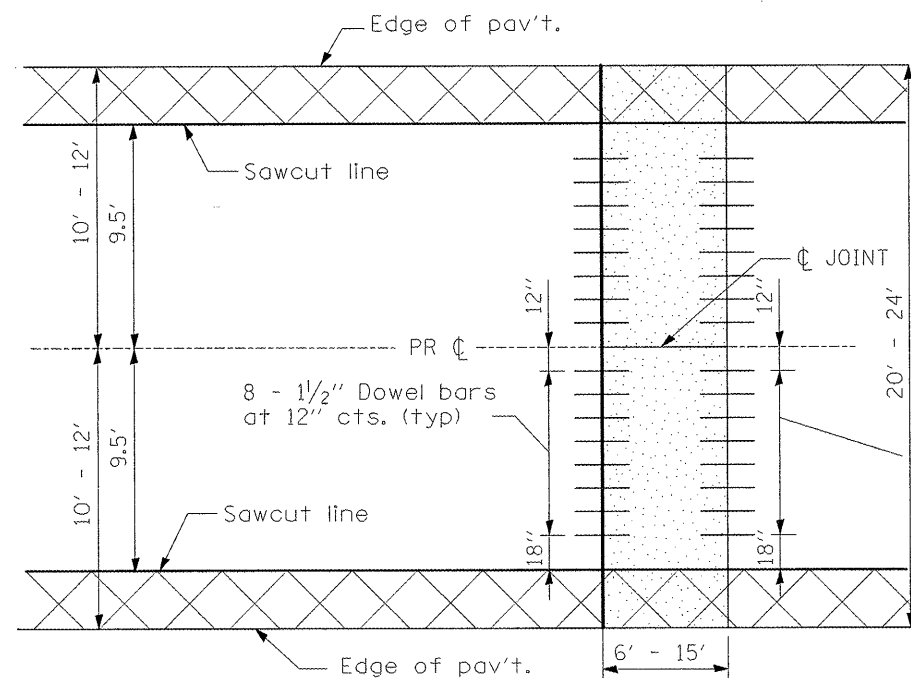
TRANSVERSE JOINT

D = DEPTH OF PROPOSED SUB-BASE
(VARIES BY LOCATION)

GENERAL NOTES

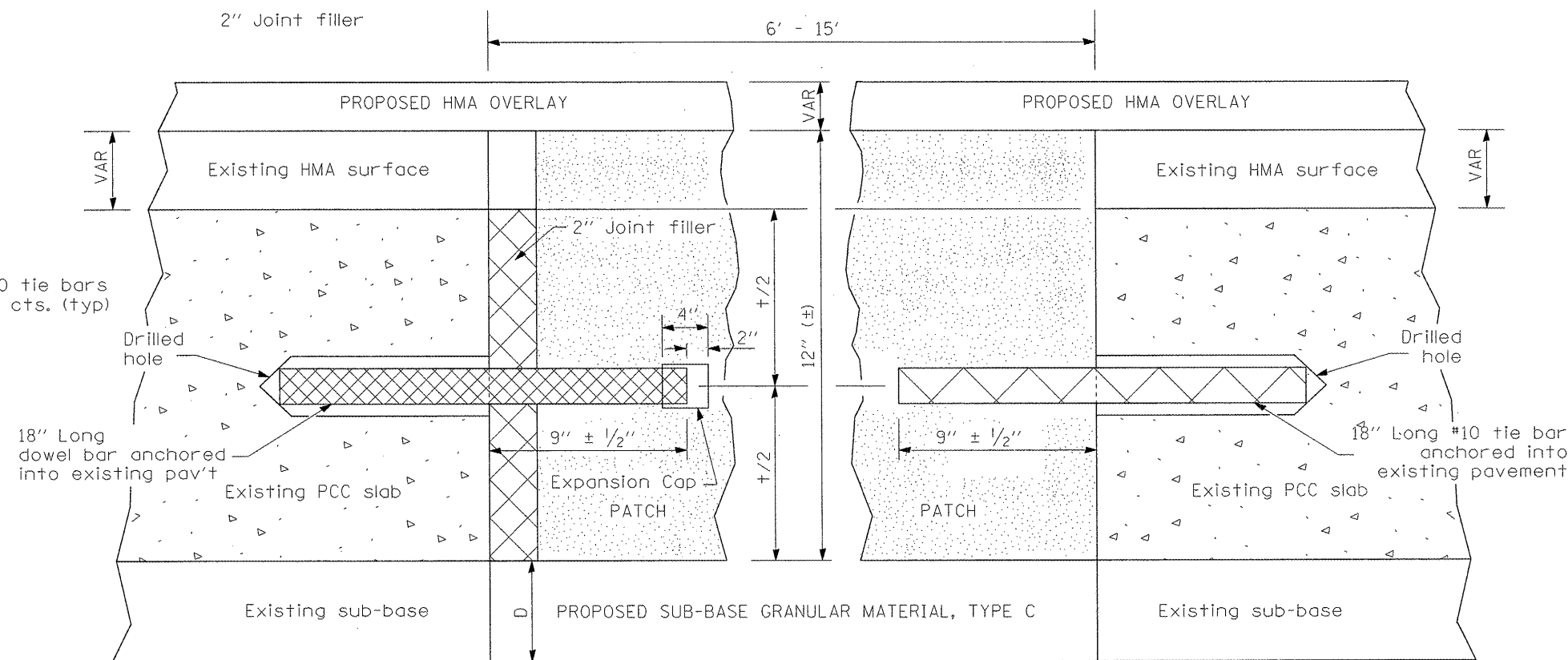
The transverse joints for Class B patches shall align with joints or cracks in the adjacent lane whenever possible.
See Standard 420701 for details of pavement fabric.

FILE NAME =	USER NAME = #USER#	DESIGNED - CRW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING DETAILS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - EDW	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	BOND	85	54
HMG JOB NO. 6314.1		CHECKED -	REVISED -								CONTRACT NO. 97426		
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT		



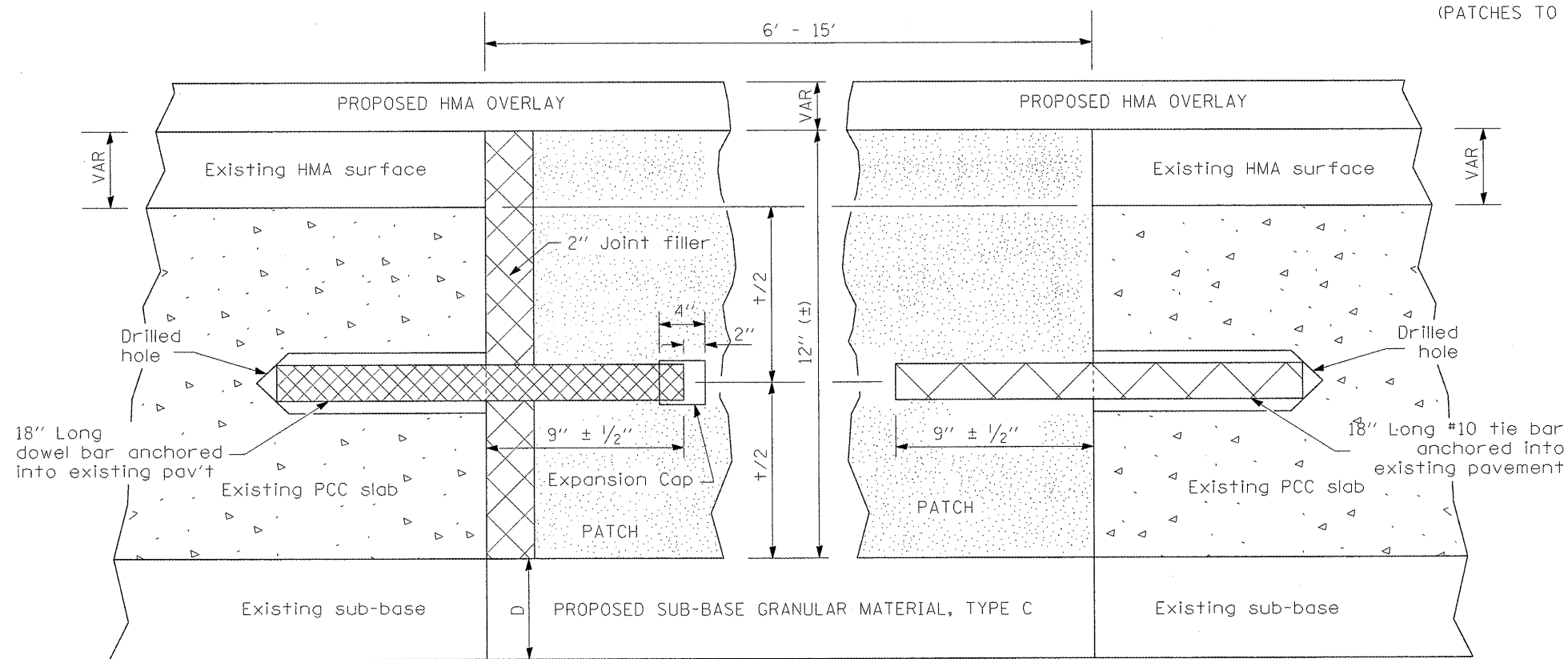
PATCHING DETAIL WITH EXPANSION JOINT

Pavement Removal



EXPANSION JOINT
(PATCHES TO BE MILLED)

D = DEPTH OF PROPOSED SUB-BASE
(VARIES BY LOCATION)



EXPANSION JOINT
(PATCHES NOT MILLED)

D = DEPTH OF PROPOSED SUB-BASE
(VARIES BY LOCATION)

FILE NAME =
#FILE#
HMC JOB NO. 6314.1

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

DESIGNED - CRW
DRAWN - EDW
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DATE -

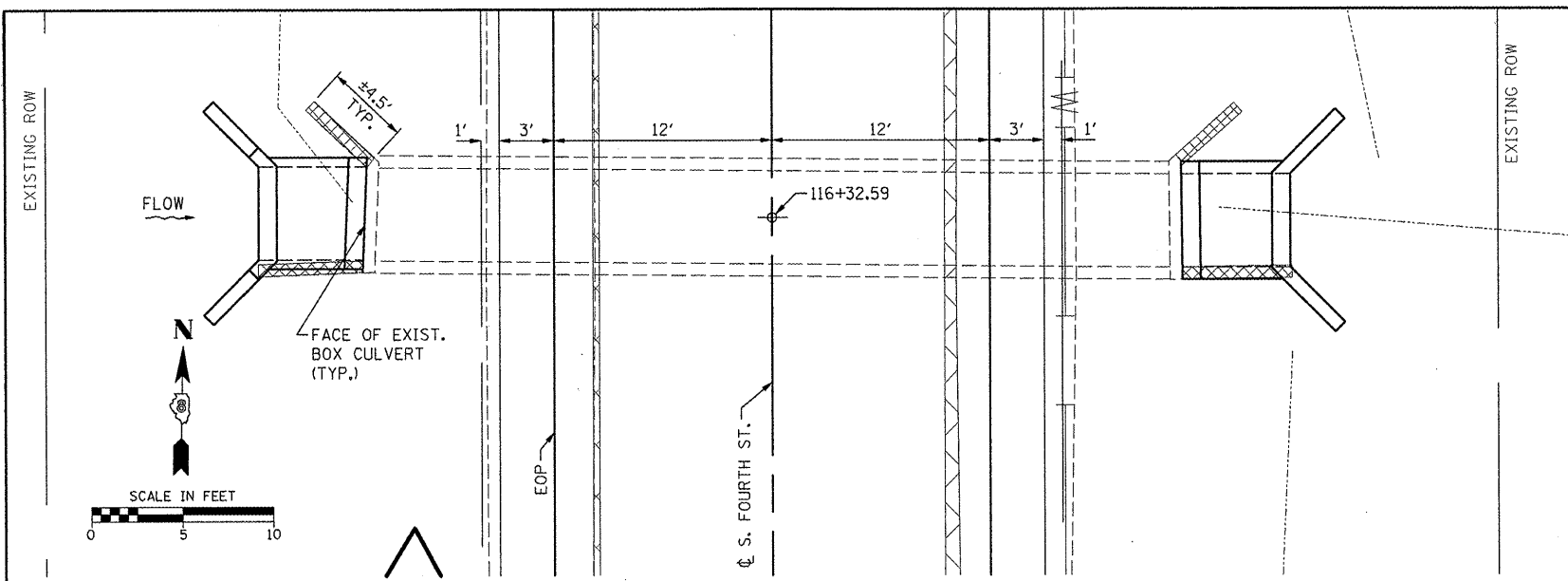
REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

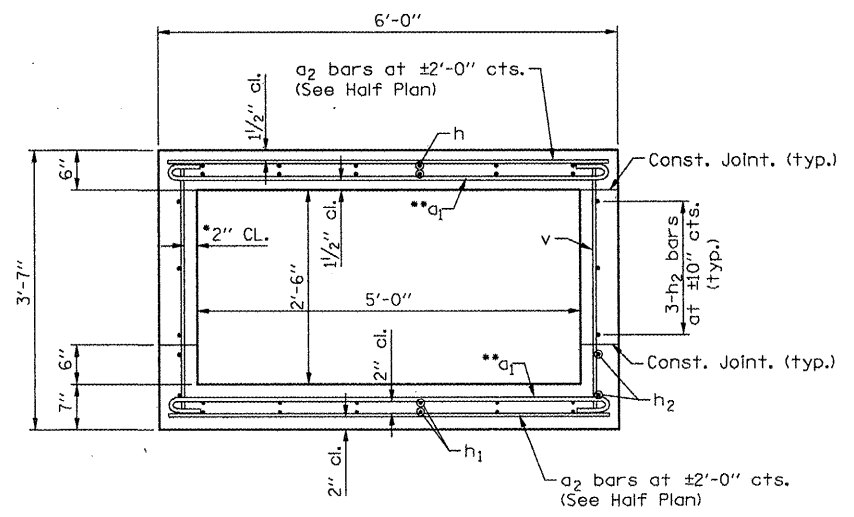
PAVEMENT PATCHING DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 55
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

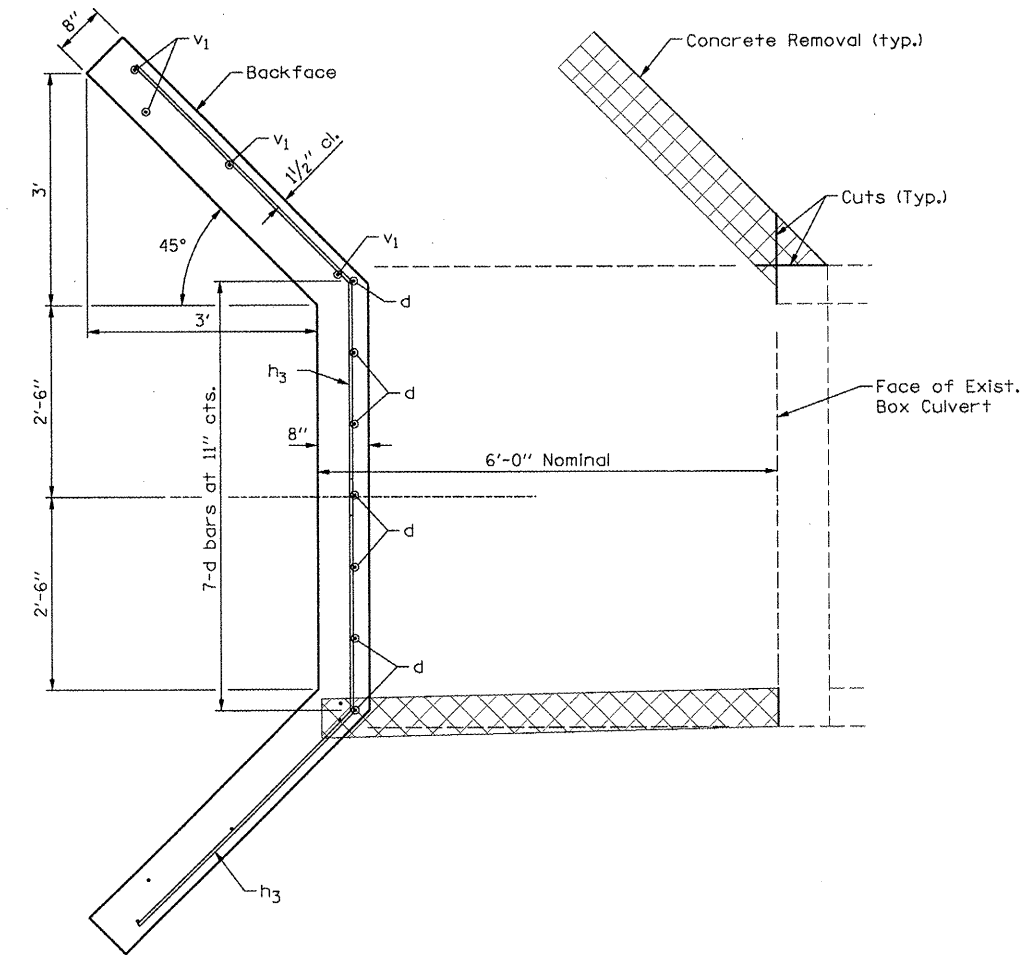


GENERAL PLAN

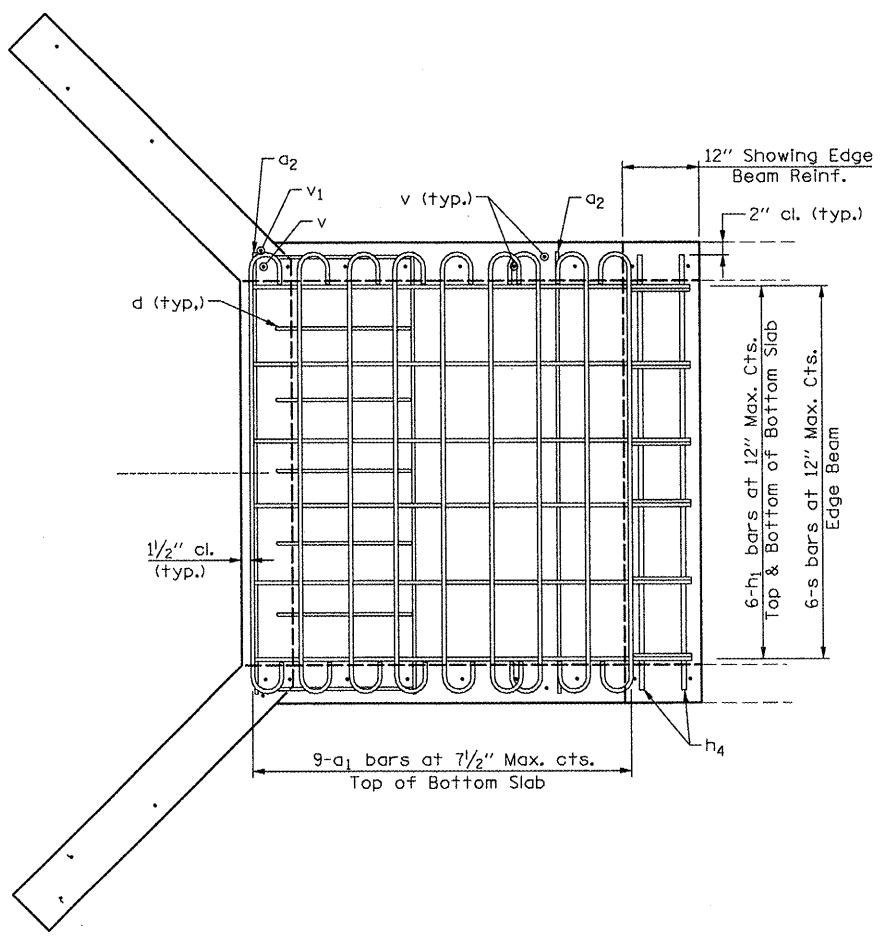


SECTION THROUGH BARREL

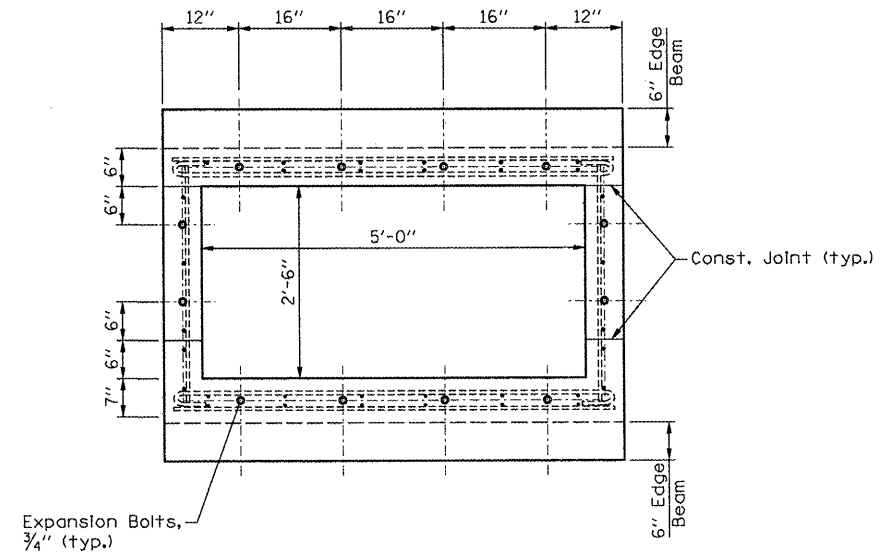
- Reg. for bar placement
- Tilt hook of bar to provide clearance



HALF PLAN TOEWALL

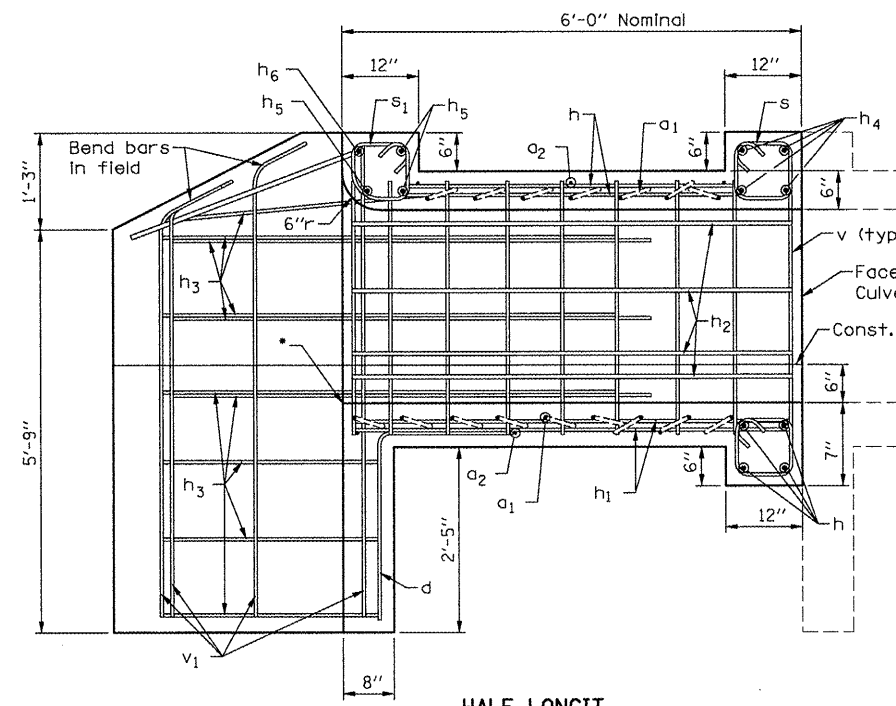


HALF PLAN BOTTOM SLAB & EDGE BEAM



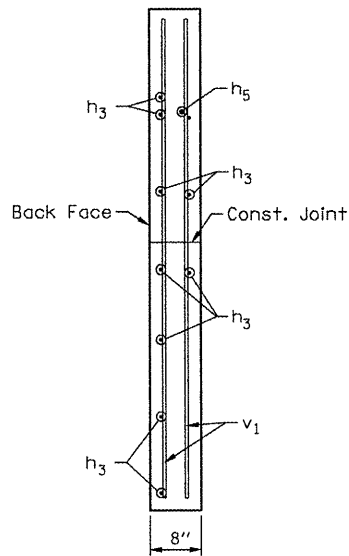
EXPANSION BOLT PLACEMENT ELEVATION

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#FILEL#	PLOT SCALE = #SCALE#	DRAWN - CRW & EDW	REVISED -		S. FOURTH ST. - STA. 116 + 32.59		9833	05-00016-02-WR	BOND	85	56	
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		DATE - 1-7-10	REVISED -									

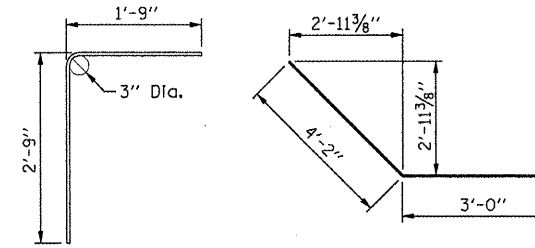


HALF LONGIT. SECTION

* USFL EL. 544.43, DSFL EL. 544.29
(EXTENSION MATCH EXISTING CULVERT
SLOPE OF 0.239%)

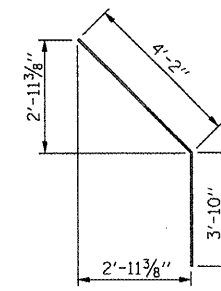


SECTION A-A

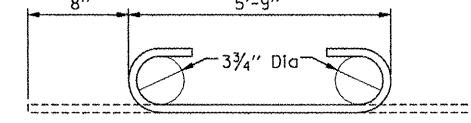


BAR d

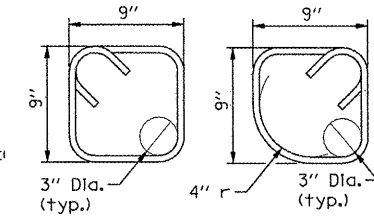
BAR h3



BAR h6



BAR a1

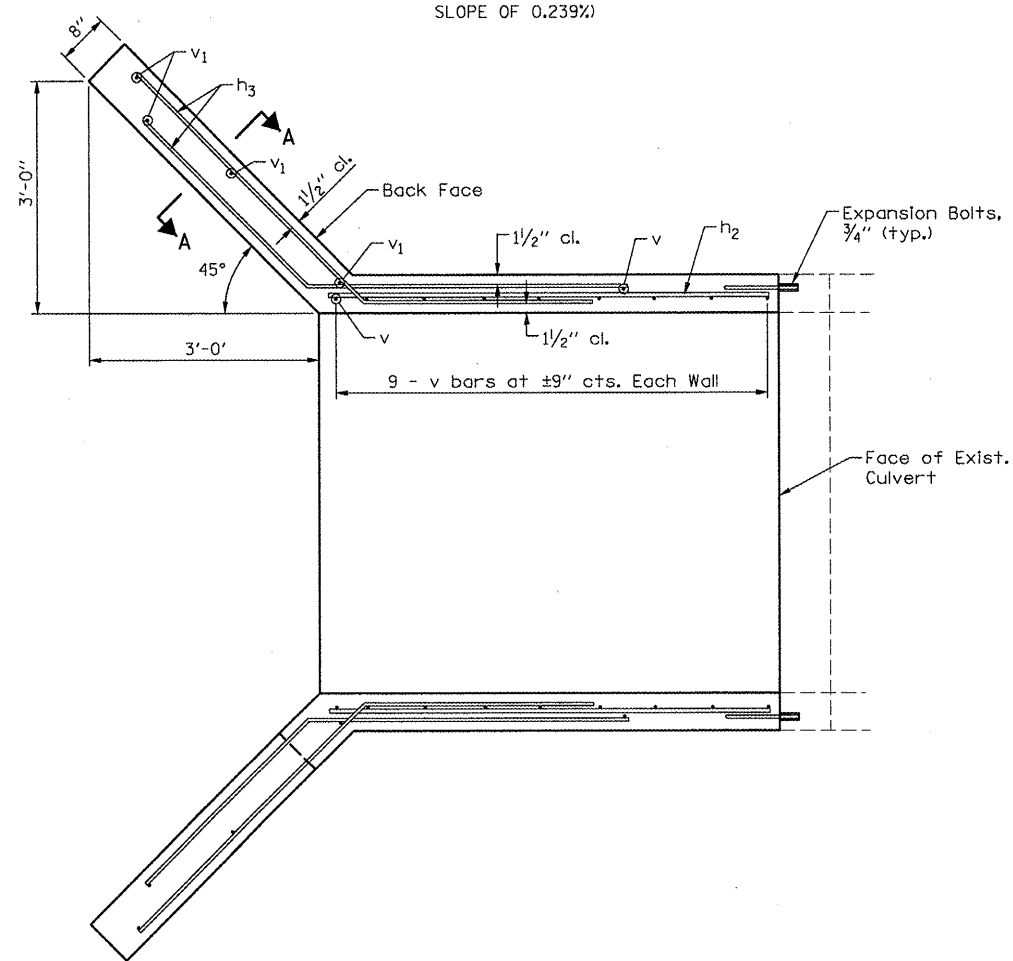


BAR s

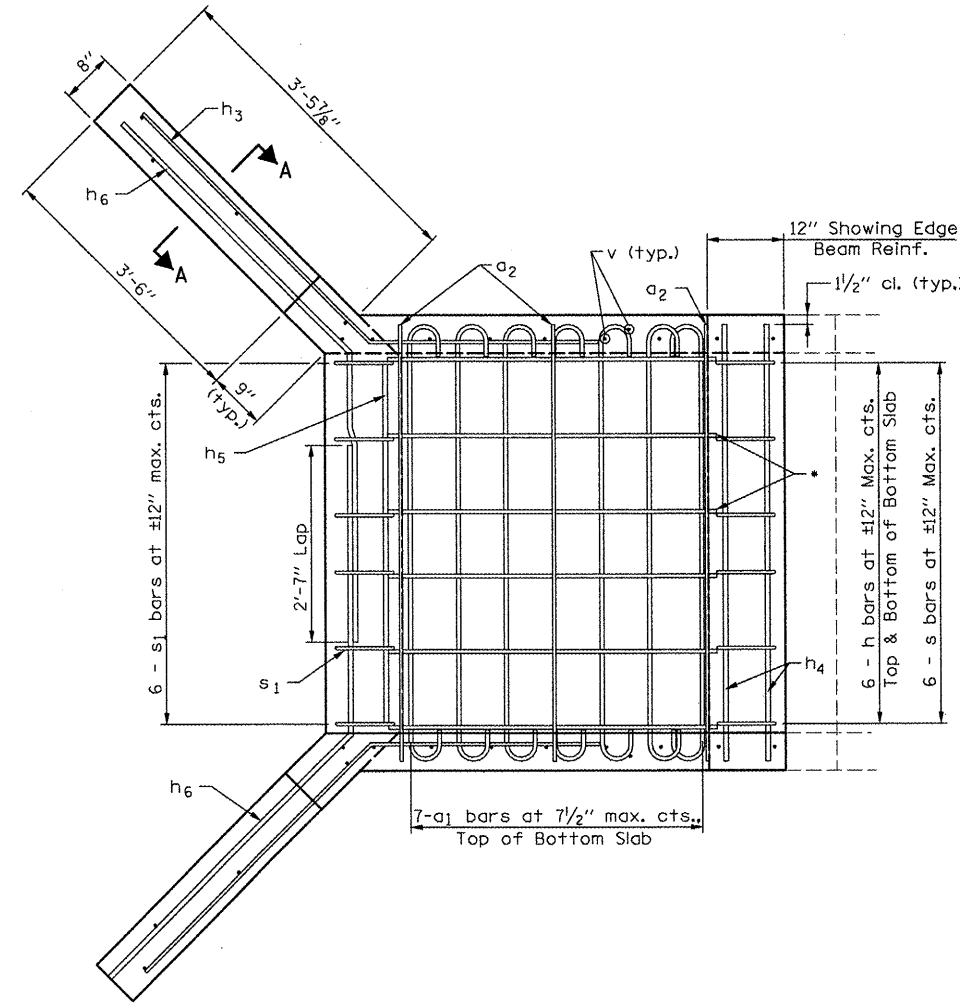
BAR s1

**BILL OF MATERIAL
UPSTREAM AND DOWNSTREAM EXTENSIONS**

BAR	SIZE	NO.	LENGTH	SHAPE
a ₁	#5	32	7'-1"	
a ₂	#4	12	5'-9"	
d	#4	14	4'-6"	
h	#5	24	4'-4"	
h ₁	#4	24	5'-9"	
h ₂	#5	20	5'-9"	
h ₃	#4	40	7'-2"	
h ₄	#6	16	5'-8"	
h ₅	#6	6	4'-9"	
h ₆	#6	4	8'-0"	
s	#4	24	3'-7"	
s ₁	#4	12	3'-7 1/4"	
v	#4	40	3'-3 1/2"	
v ₁	#4	16	6'-2 1/2"	
CONCRETE BOX CULVERTS			CU. YD.	8.3
CONCRETE REMOVAL			CU. YD.	3.2
REINFORCEMENT BARS			POUND	1,308
EXPANSION BOLTS 3/4 INCH			EACH	24



**HALF PLAN
BARREL & WINGWALLS**

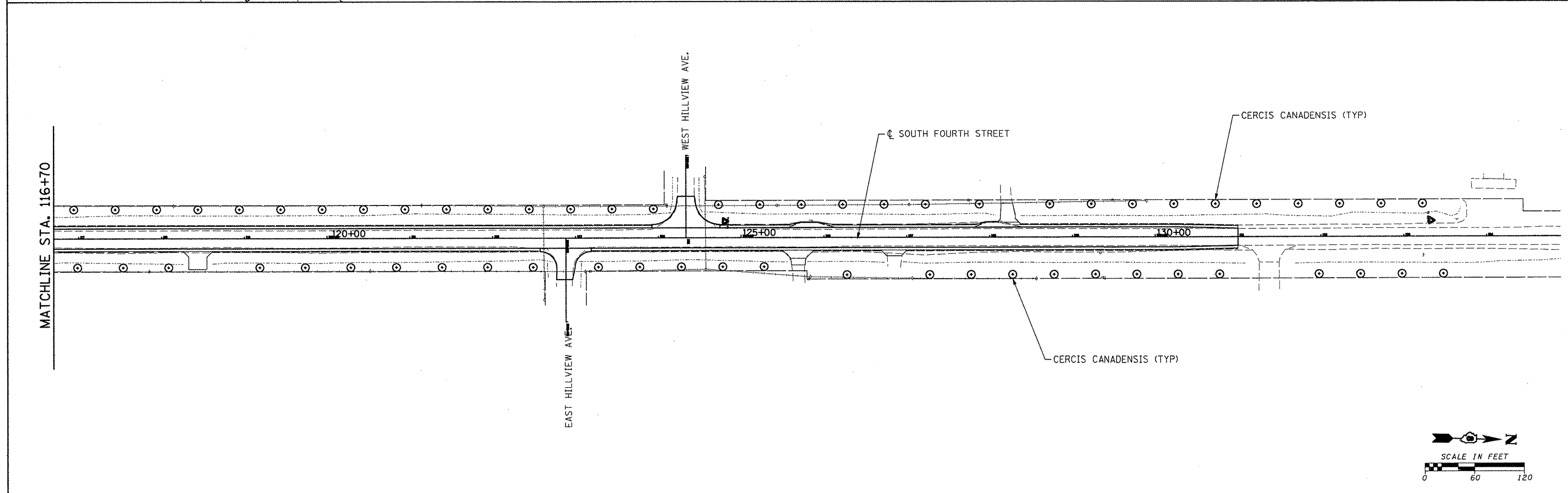
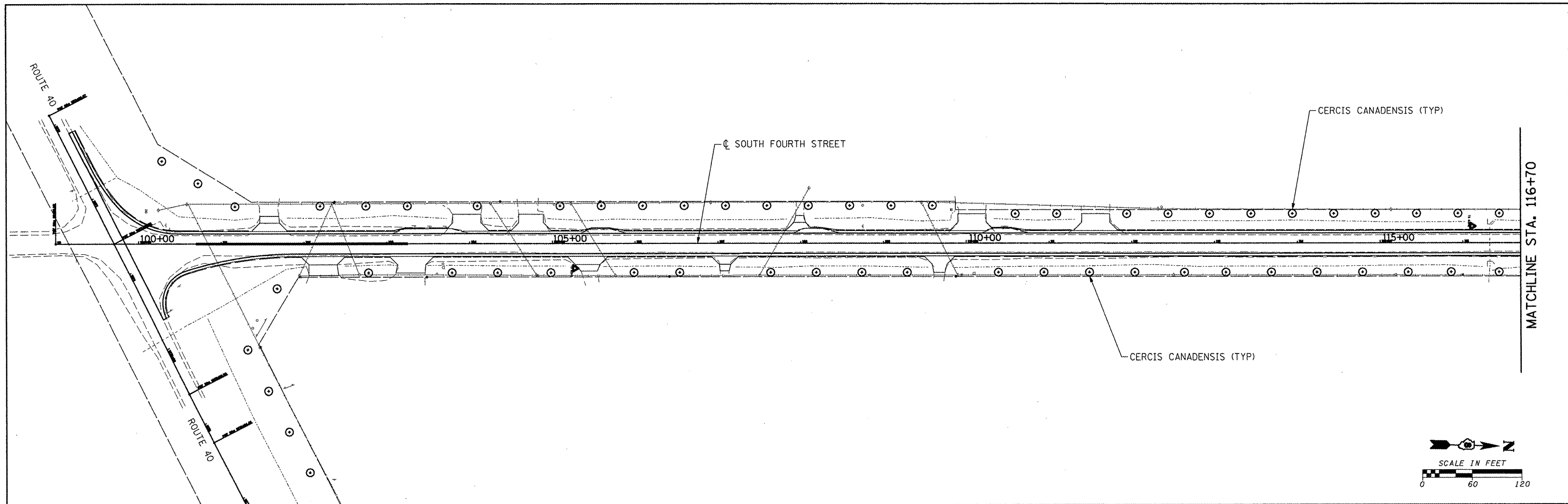


**HALF PLAN
TOP SLAB & HEADWALL**

* Note that h bars cannot extend to ends due to conflict /w h₄ and h₅ bars.

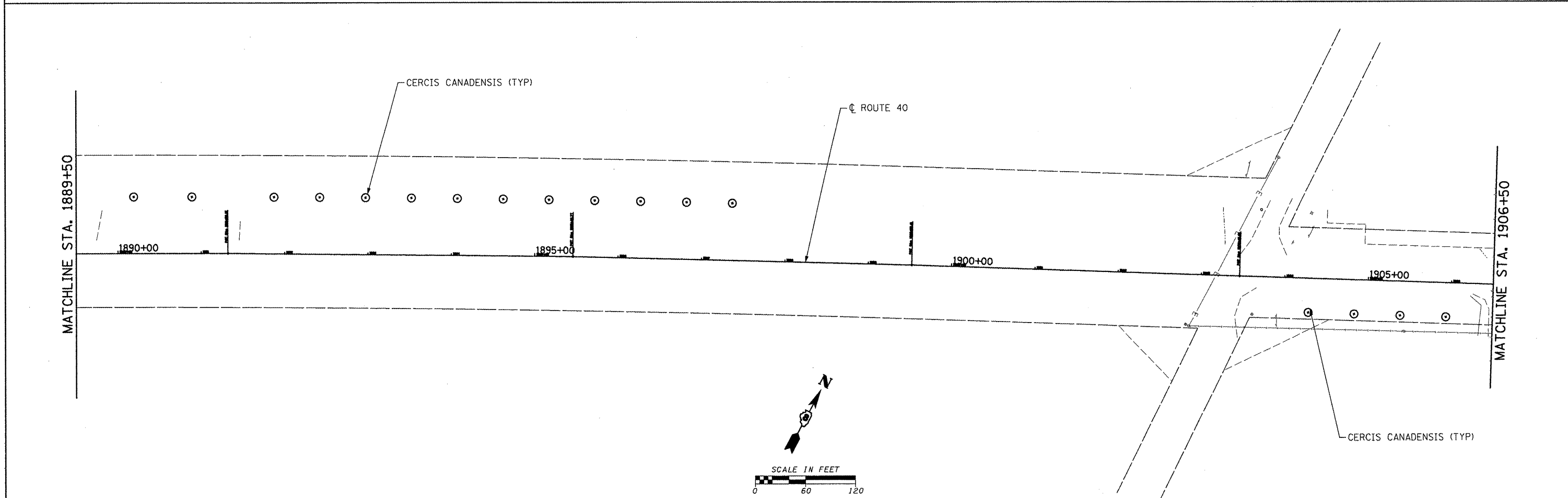
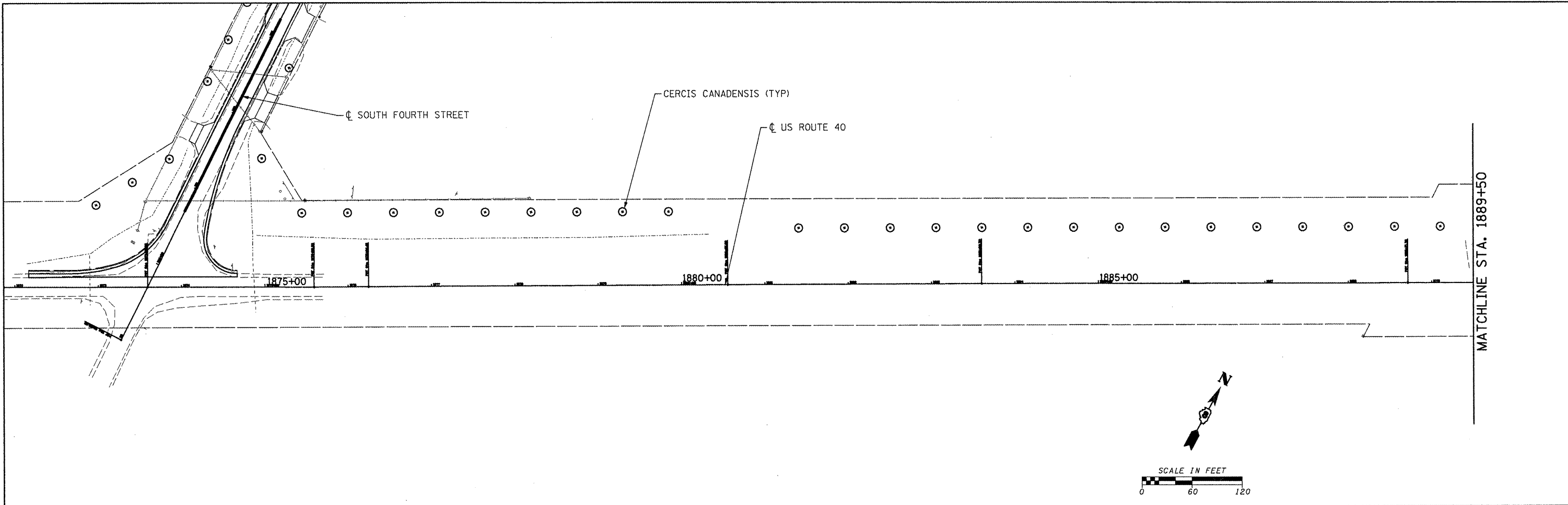
Notes:

- The barrel shall be poured monolithically with the wingwalls.
- Reinforcement bars shall conform to requirements of AASHTO M-31, M-42, or M-53 Grade 60
- All construction joints shall be bonded.
- Attention is called to Sections 502, 503, and 540 of the Standard Specifications. All required excavation, foundation and bedding, and backfilling work and materials shall be included as part of the CONCRETE BOX CULVERTS pay item work.
- A bedding under the extensions consisting of compacted CA-6 (6") over an underlying layer of riprap (Class A3, 8") shall be constructed, as required due to wet conditions. The thicknesses of this bedding shall be increased, as required, such that the bottom of the bedding layer is a minimum of eight (8) inches below existing ground surfaces, as needed.



FILE NAME = TREE_DBLPN_6314_1.DGN #FILE#	USER NAME = #USER#	DESIGNED - CRW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TREE PLANTING PLAN - SOUTH FOURTH STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HMG JOB NO. 6314.1	PLOT SCALE = #SCALE#	DRAWN - EDW	REVISED -			9833	05-00016-02-WR	BOND	85	58	
	PLOT DATE = #DATE#	CHECKED -	REVISED -			CONTRACT NO. 97426					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. OF SHEETS STA.		TO STA.			

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MATCHLINE STA. 1889+50

MATCHLINE STA. 1889+50

MATCHLINE STA. 1906+50

FILE NAME = TREE.DBLPN_6314_2.DGN
 HMC JOB NO. 6314.1

USER NAME = *USER*
 PLOT SCALE = *SCALE*
 PLOT DATE = *DATE*

DESIGNED - CRW	REVISED -
DRAWN - EDW	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TREE PLANTING PLAN - ROUTE 40

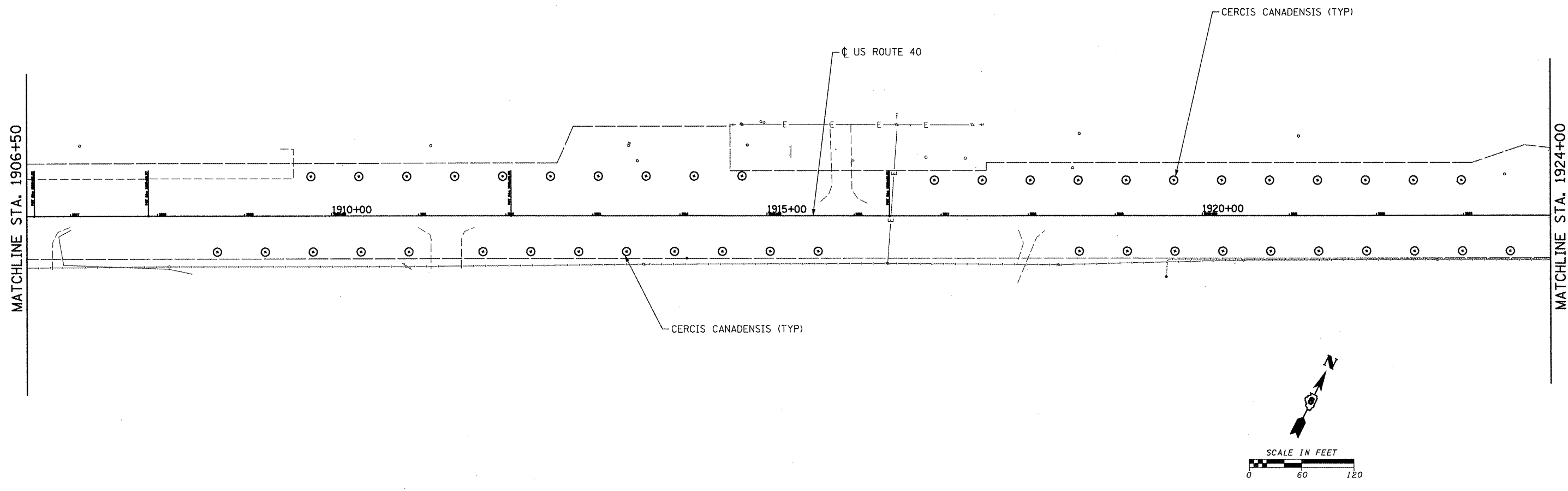
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 59
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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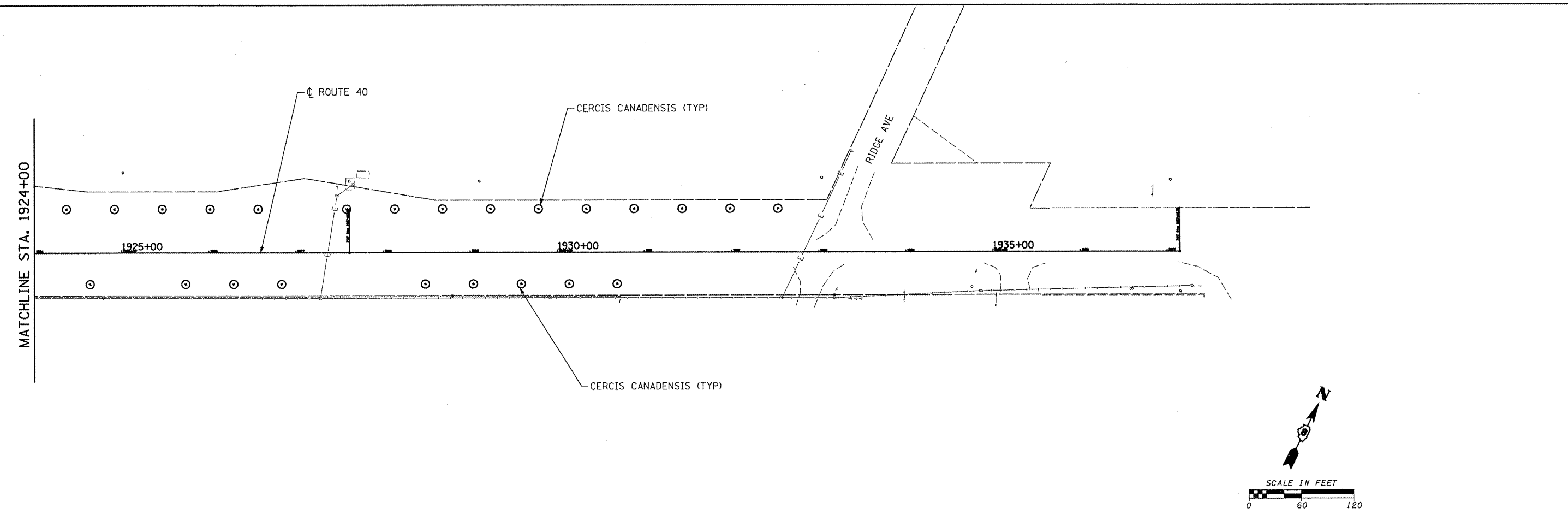
MATCHLINE STA. 1906+50

MATCHLINE STA. 1924+00



MATCHLINE STA. 1924+00

MATCHLINE STA. 1942+00



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 HMG JOB NO. 6314.1

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

DESIGNED - CRW	REVISED -
DRAWN - EDW	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TREE PLANTING PLAN - ROUTE 40

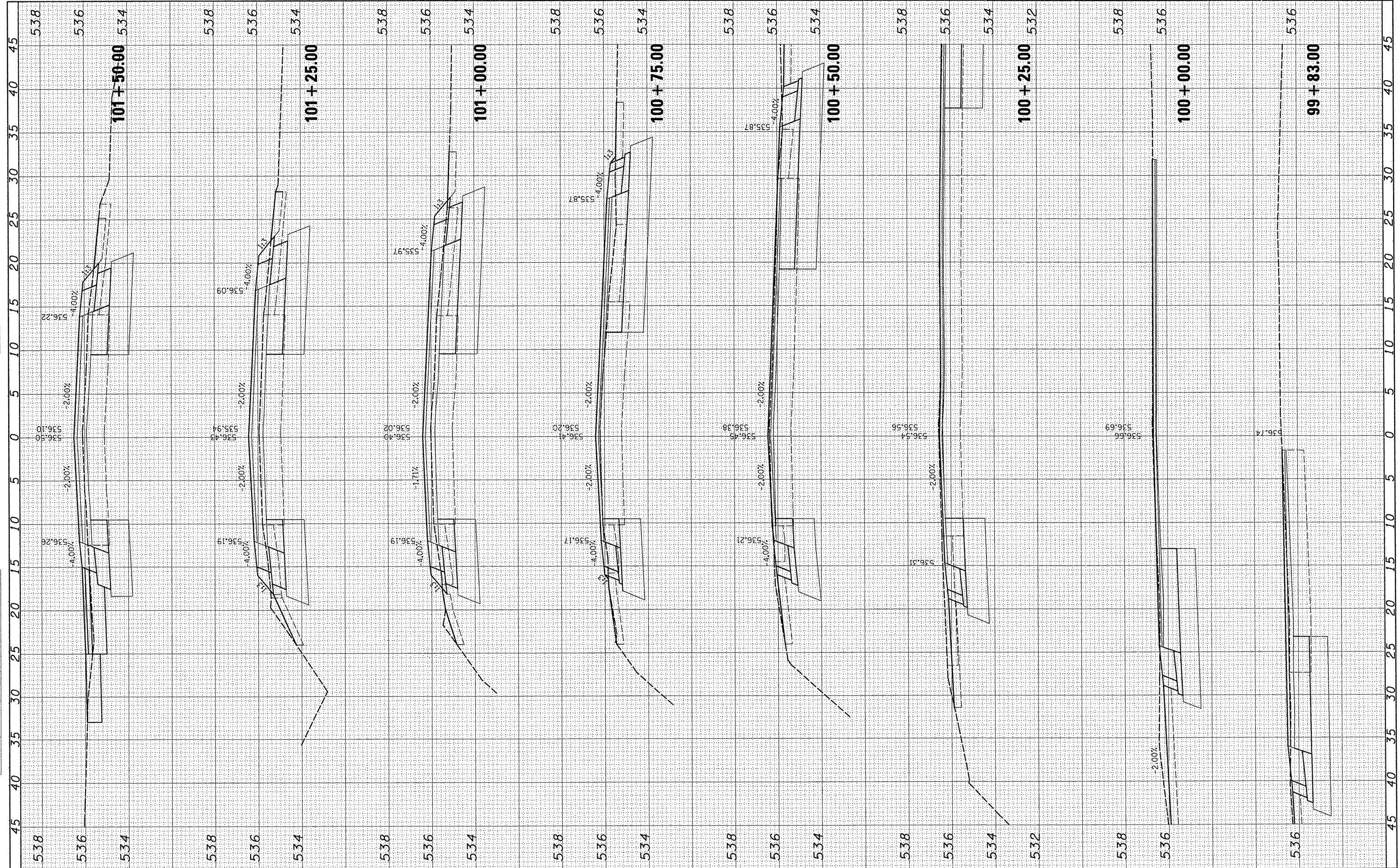
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 60
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

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

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



FILE NAME =
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 HMG JOB NO. 6314.1

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PLOT SCALE = #SCALE#	DRAWN -	REVISED -
PLOT DATE = #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

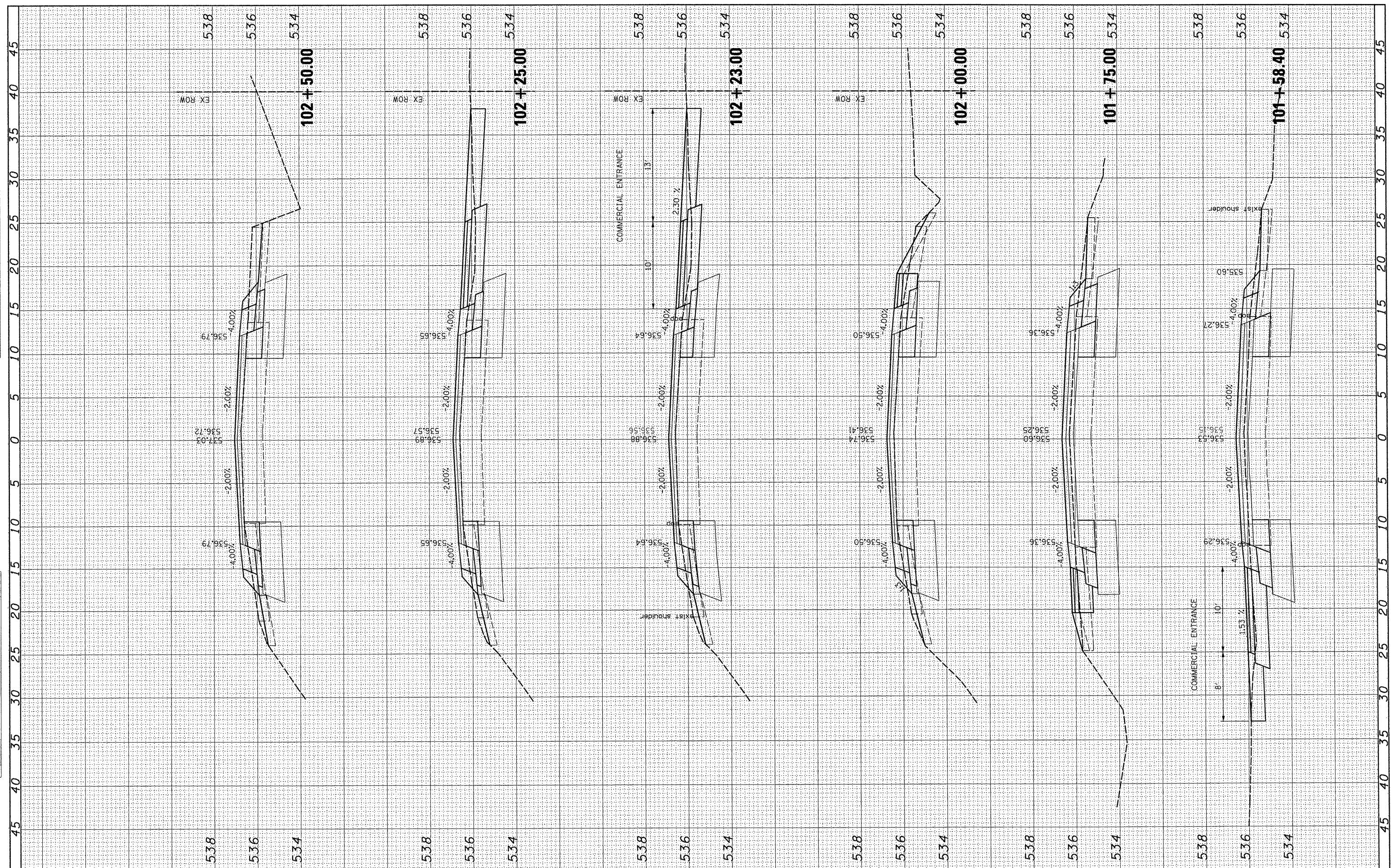
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 99+83.00 TO STA. 101+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	61
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME *
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HMG JOB NO. 6314.1

USER NAME *#USER*	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
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PLOT SCALE *#SCALE*		
PLOT DATE *#DATE*		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

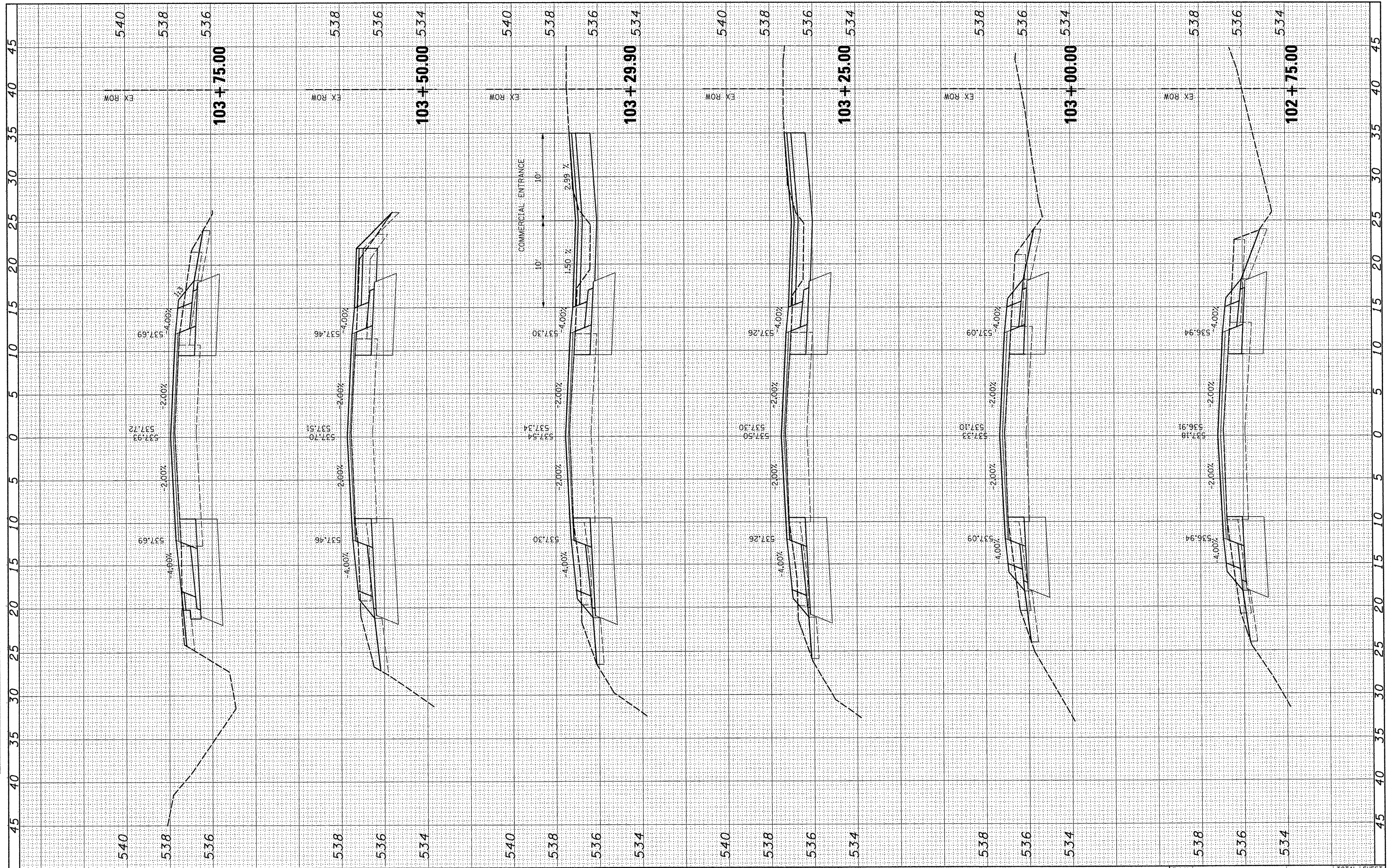
**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 101+58.40 TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	62
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



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PLOT SCALE = #SCALE#	DRAWN -	REVISED -
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	DATE -	REVISED -

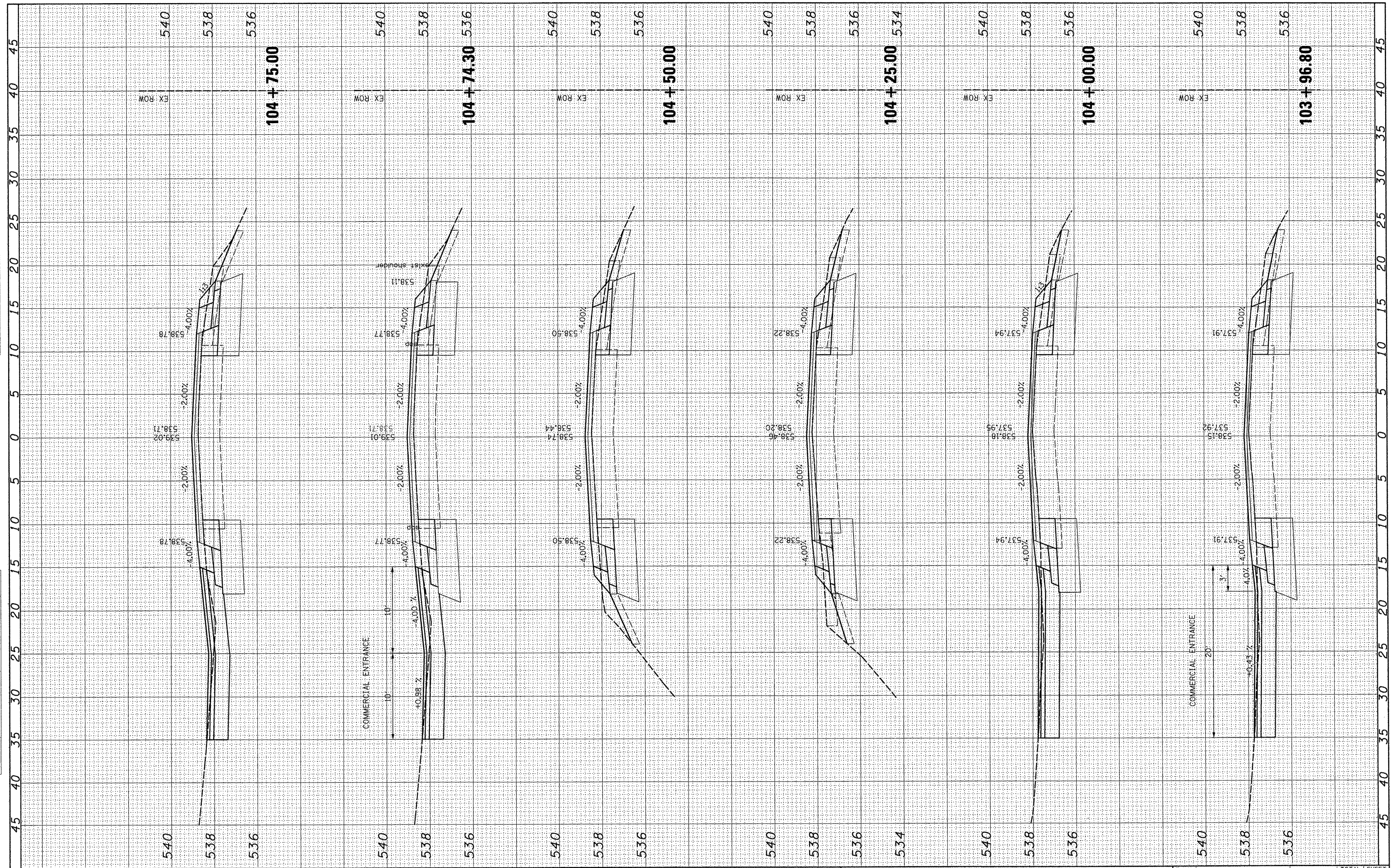
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. 102+75.00 TO STA. 103+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	63
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		



FILE NAME =
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HMG JOB NO. 6314.1

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

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

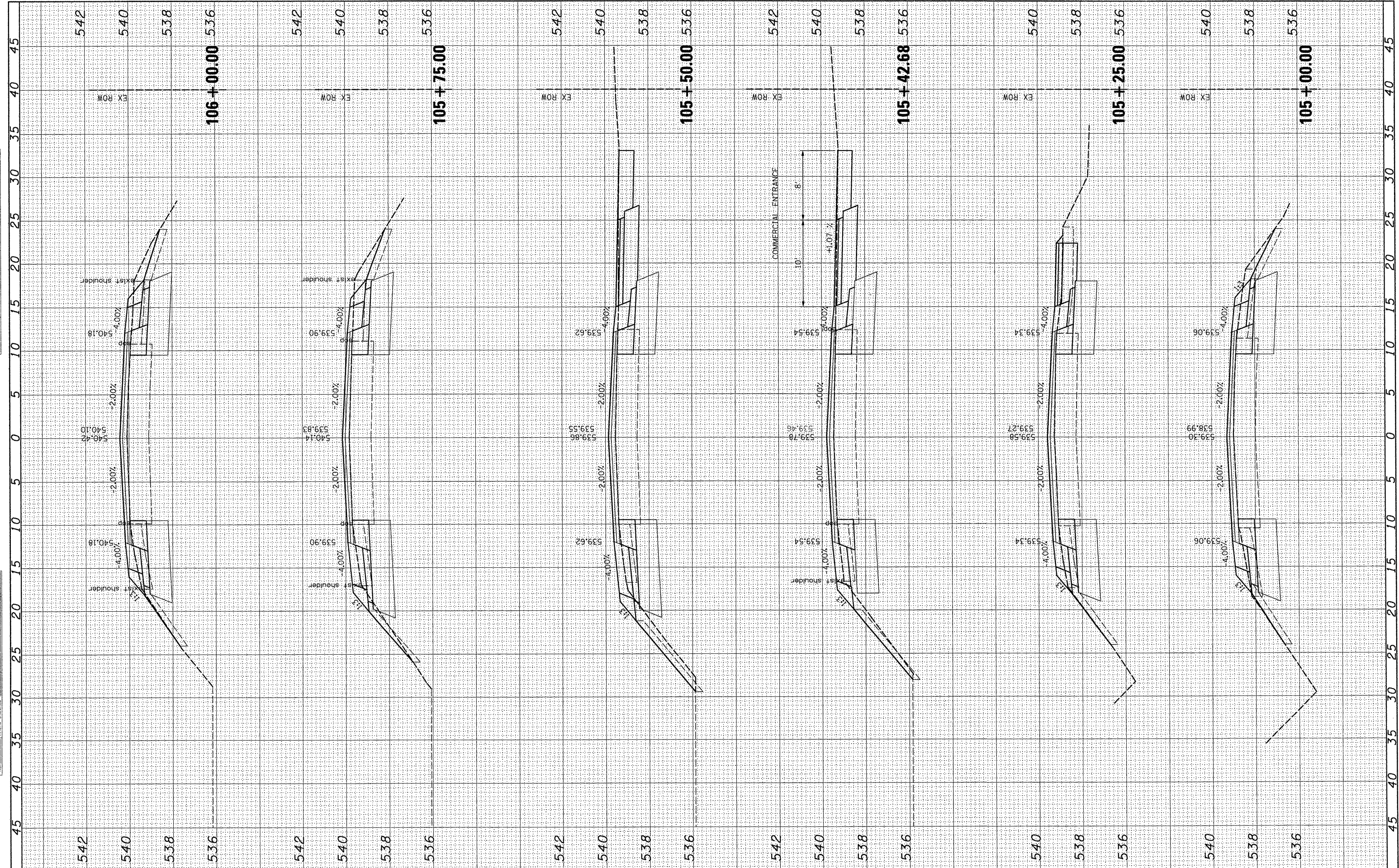
SCALE: SHEET NO. OF SHEETS STA. 103+96.80 TO STA. 104+75.00

**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 64
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = #FILEL*
 HMG JOB NO. 6314.1

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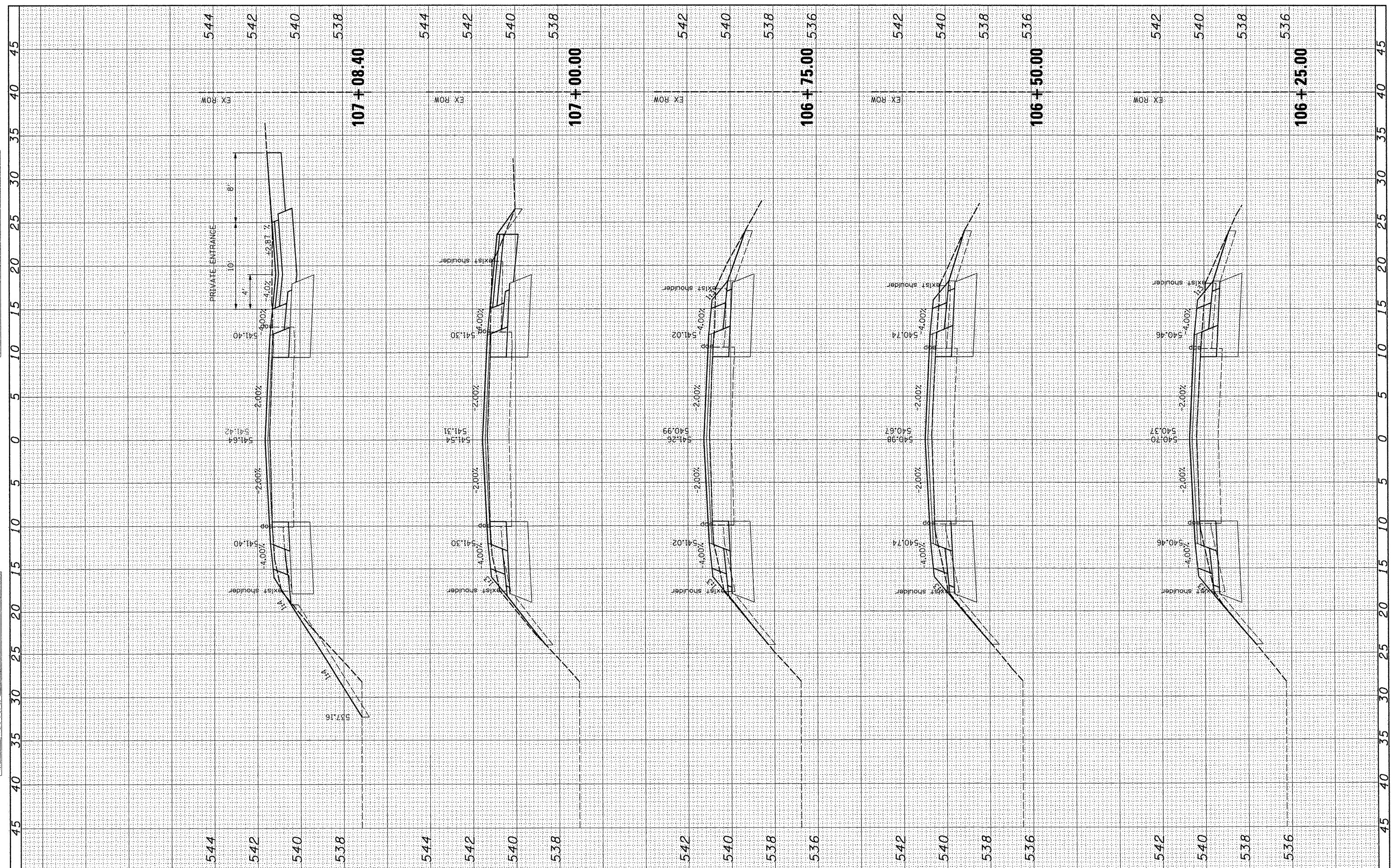
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GREENVILLE
CROSS SECTIONS - S. FOURTH ST.
 SCALE: SHEET NO. OF SHEETS STA. 105+00.00 TO STA. 106+00.00

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY	TOTAL SHEETS 85	SHEET NO. 65
BOND			CONTRACT NO. 97426	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = _____
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 HMG JOB NO. 6314.1

USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE = #SCALE#	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

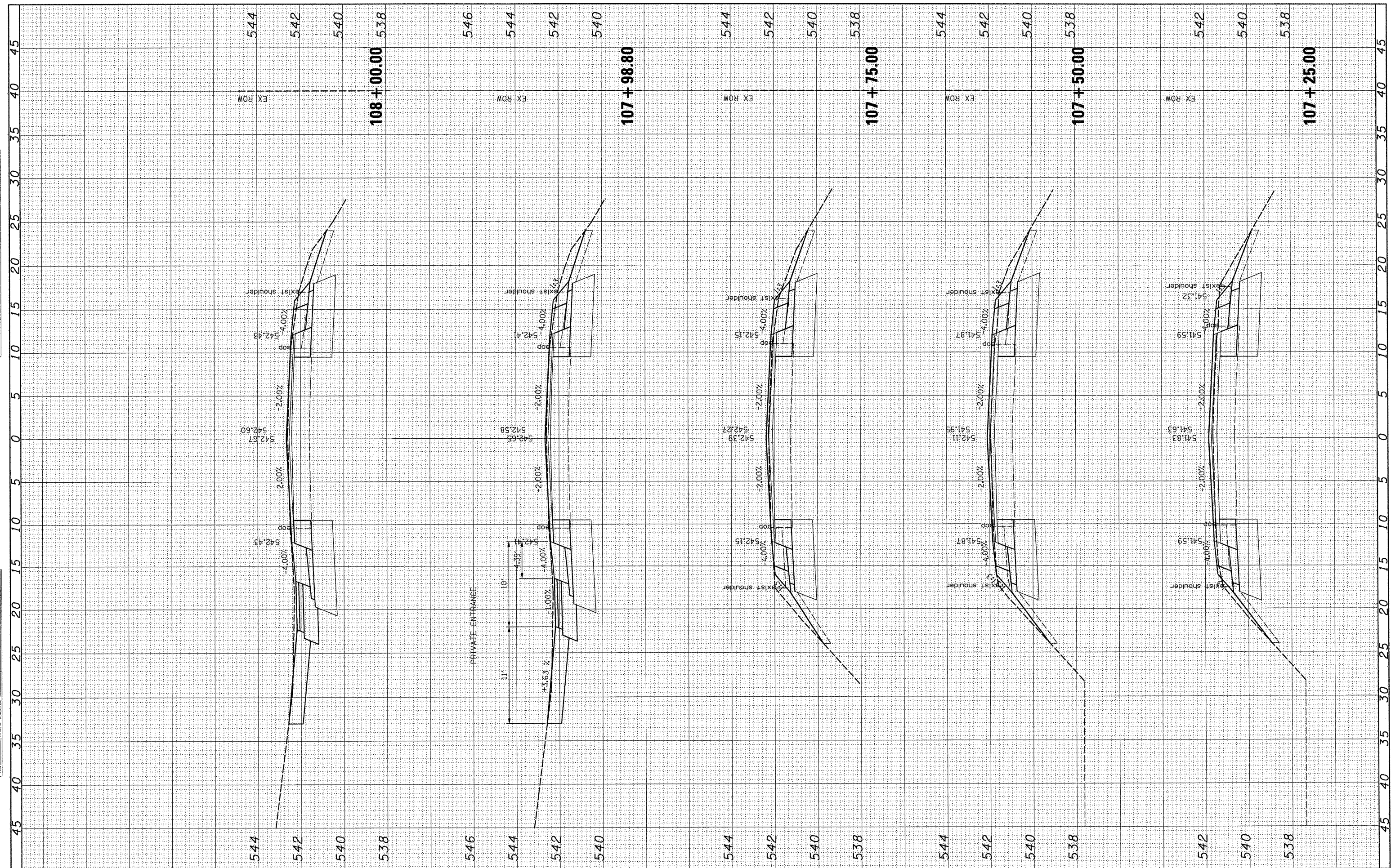
GREENVILLE
CROSS SECTIONS - S. FOURTH ST.

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. 106+25.00 TO STA. 107+08.40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	66
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = #FILE#
 HMC JOB NO. 6314.1

USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE = #SCALE#	DRAWN -	REVISED -
PLOT DATE = #DATE#	CHECKED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

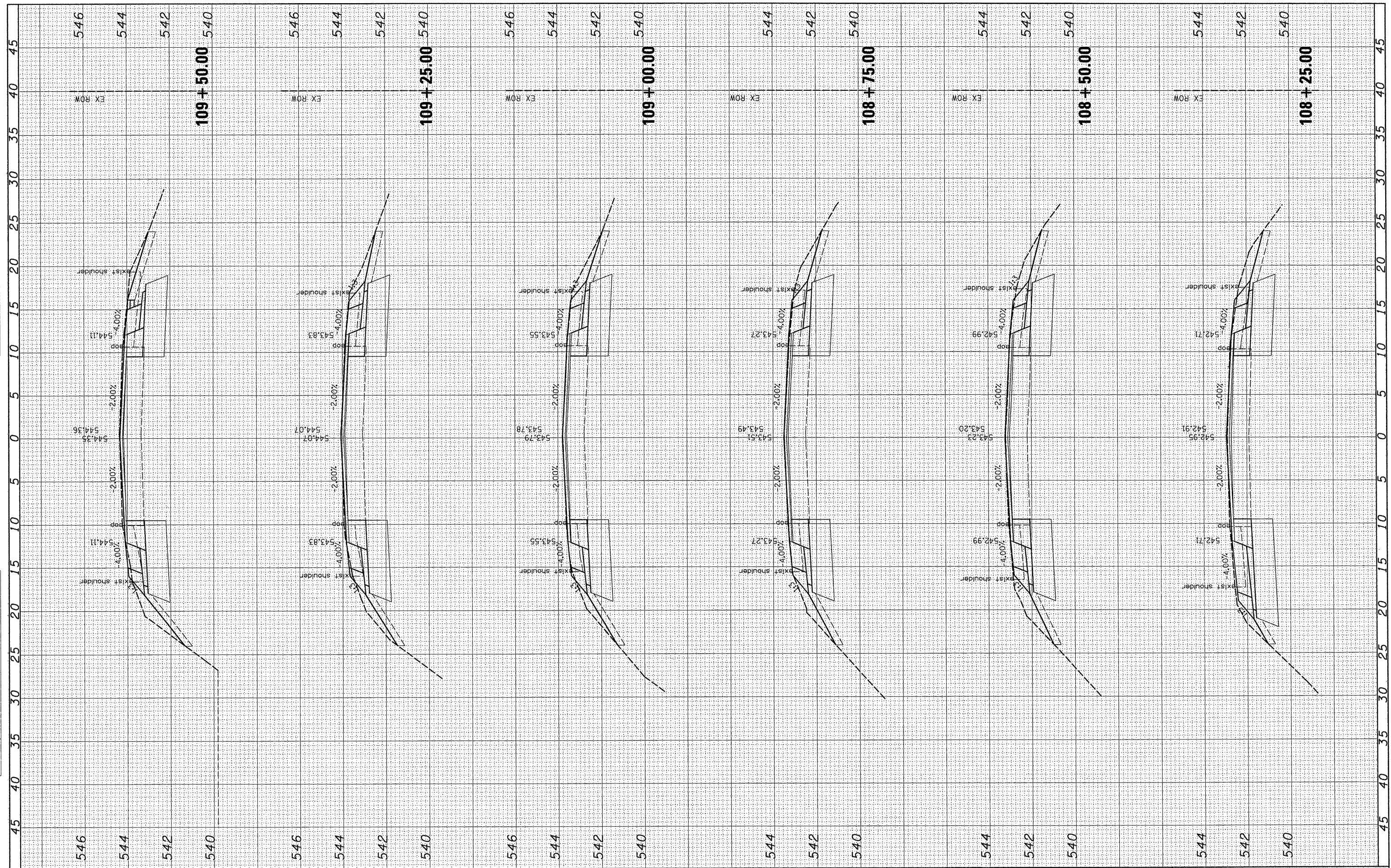
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 107+25.00 TO STA. 108+00.00

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 67
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

DATE	BY

DATE	BY



FILE NAME = #FILE*
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

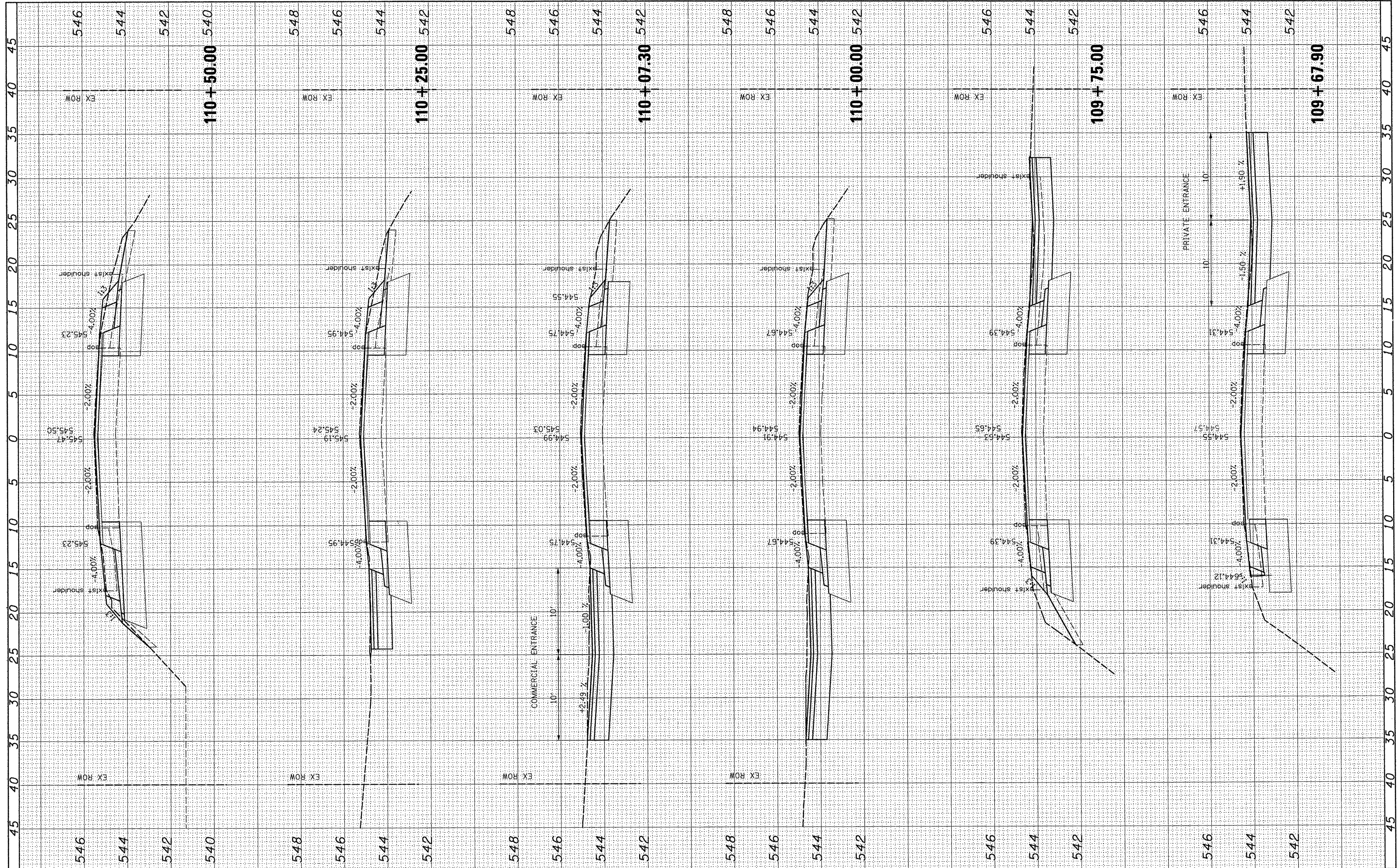
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 108+25.00 TO STA. 109+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	68
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
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HMG JOB NO. 6314.1

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PLOT SCALE = #SCALE#	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

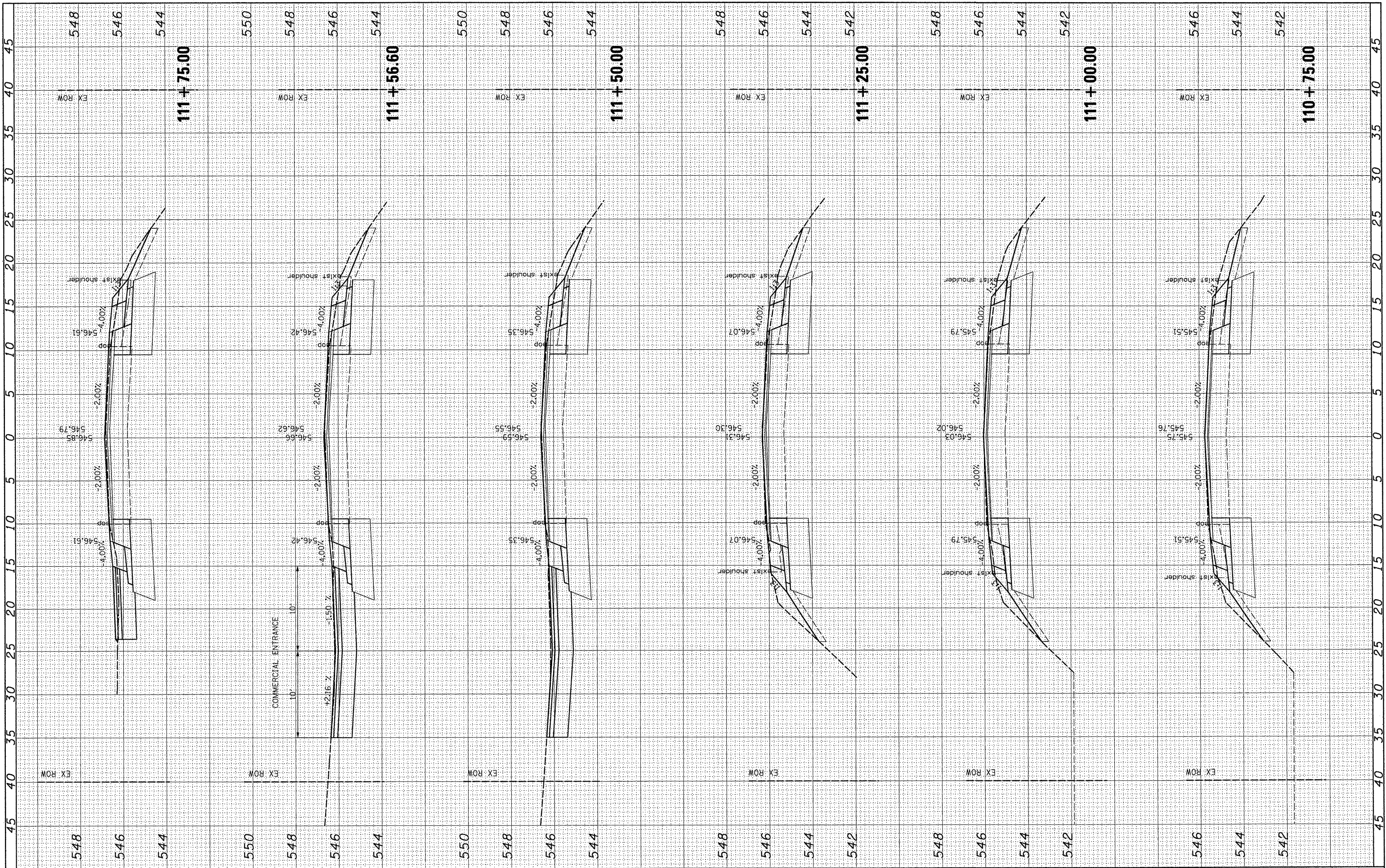
**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 109+67.90 TO STA. 110+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	69
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	REPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	PLOTTED		
	REPLATE		
	AREAS CHECKED		



FILE NAME = HMC JOB NO. 6314.1

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 DRAWN -
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REVISIONS:
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 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

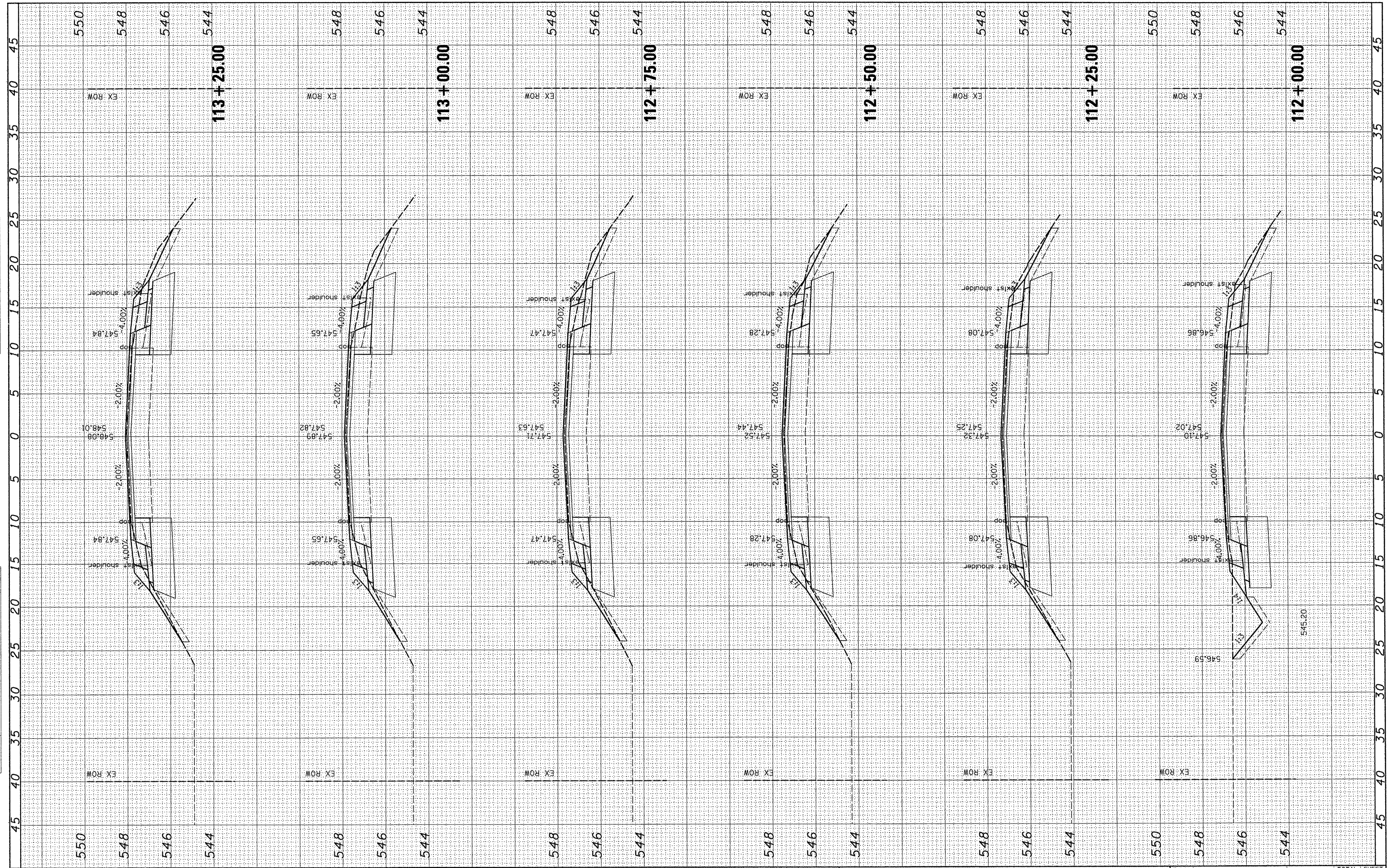
SCALE: SHEET NO. OF SHEETS STA. 110+75.00 TO STA. 111+75.00

**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	70
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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

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



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HMG JOB NO. 6314.1

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PLOT DATE = #DATE#

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DATE -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

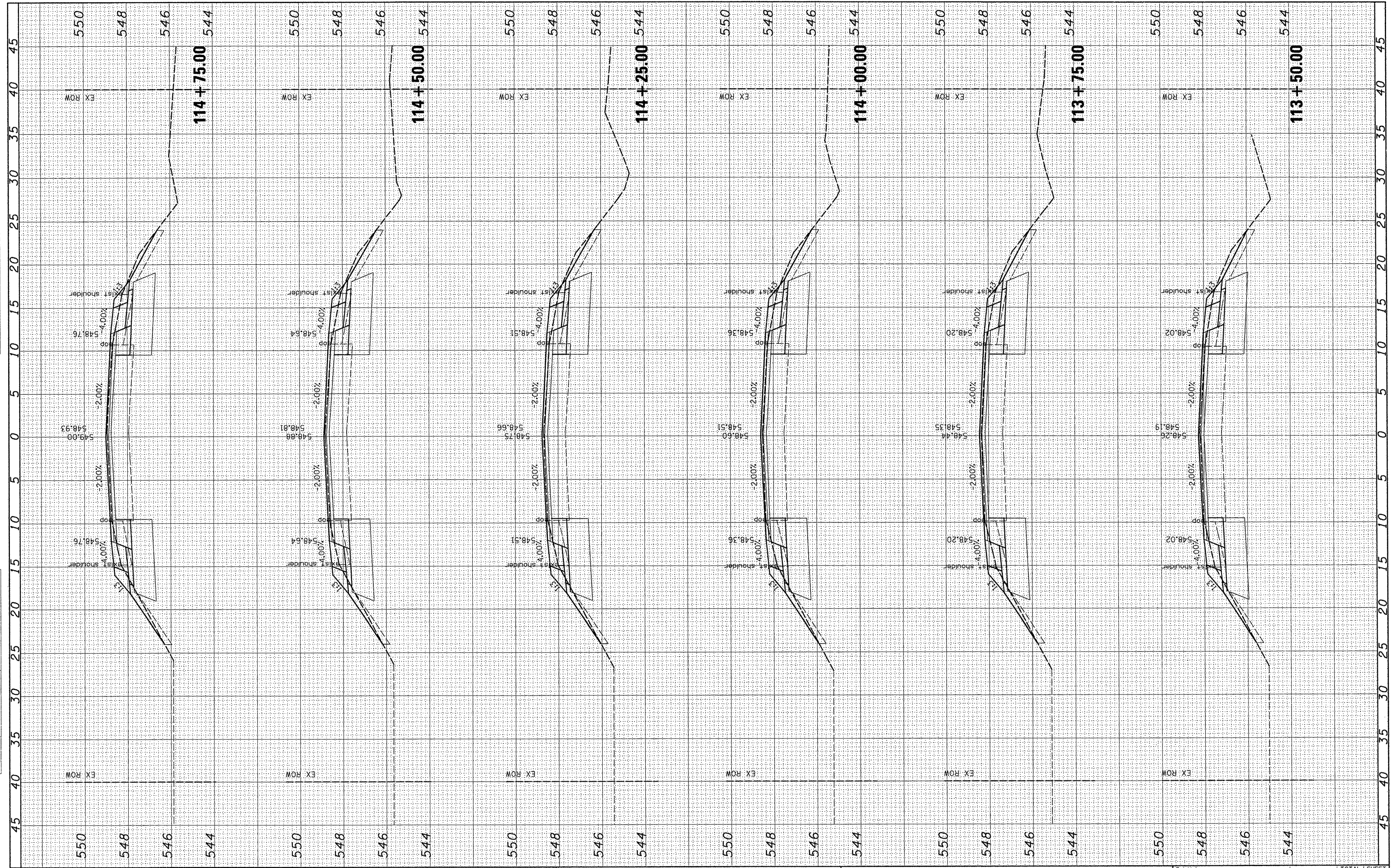
SCALE: SHEET NO. OF SHEETS STA. 112+00.00 TO STA. 113+25.00

**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	71
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

FINAL SURVEYED	DATE
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
AREAS CHECKED	

ORIGINAL SURVEYED	DATE
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
AREAS CHECKED	



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HMG JOB NO. 6314.1

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DRAWN -
CHECKED -
DATE -

PLOT SCALE = #SCALE*
PLOT DATE = #DATE*

REVISED -
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

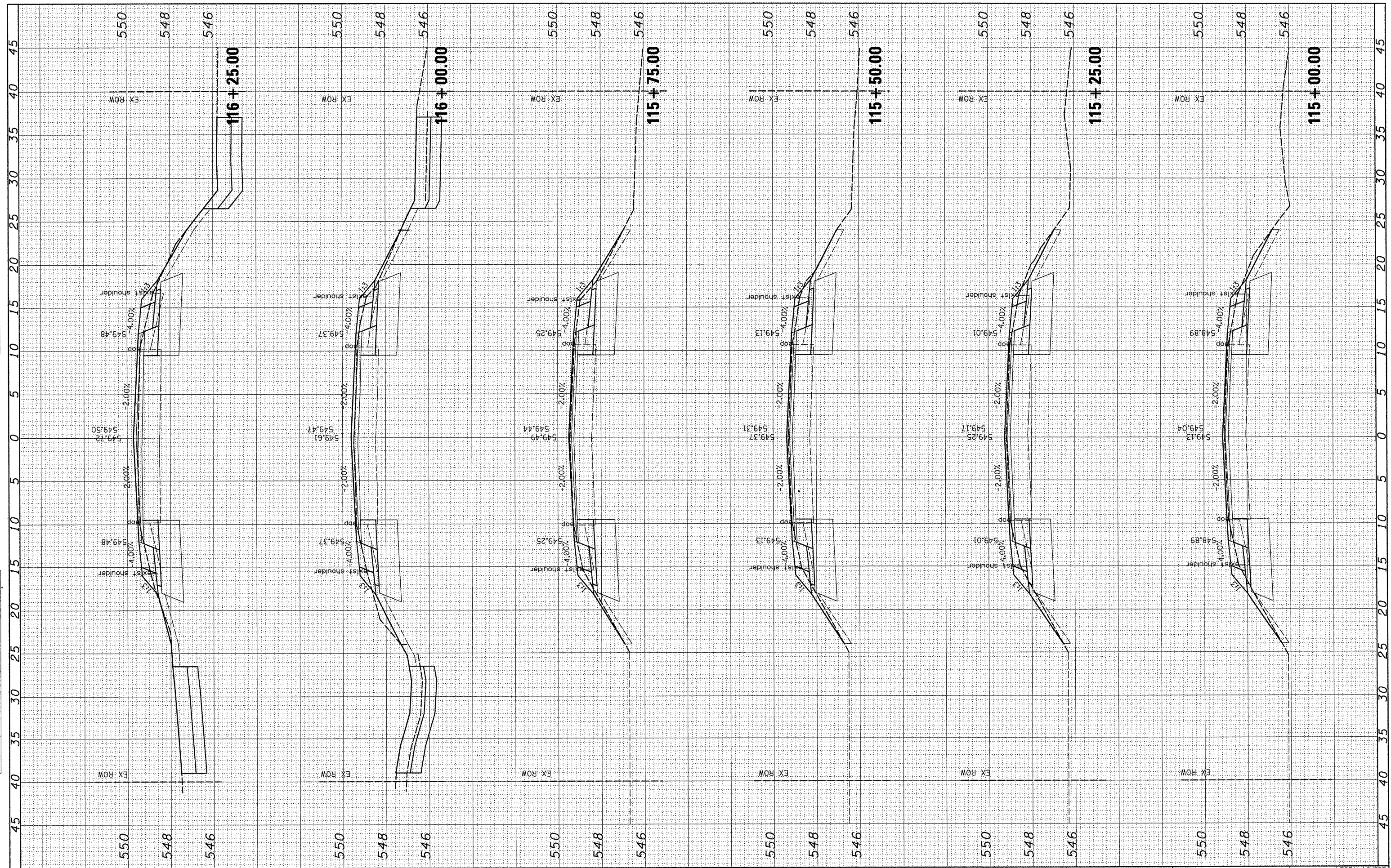
SCALE: SHEET NO. OF SHEETS STA. 113+50.00 TO STA. 114+75.00

**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	72
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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

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



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 HMG JOB NO. 6314.1

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 PLOT DATE = #DATE*

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

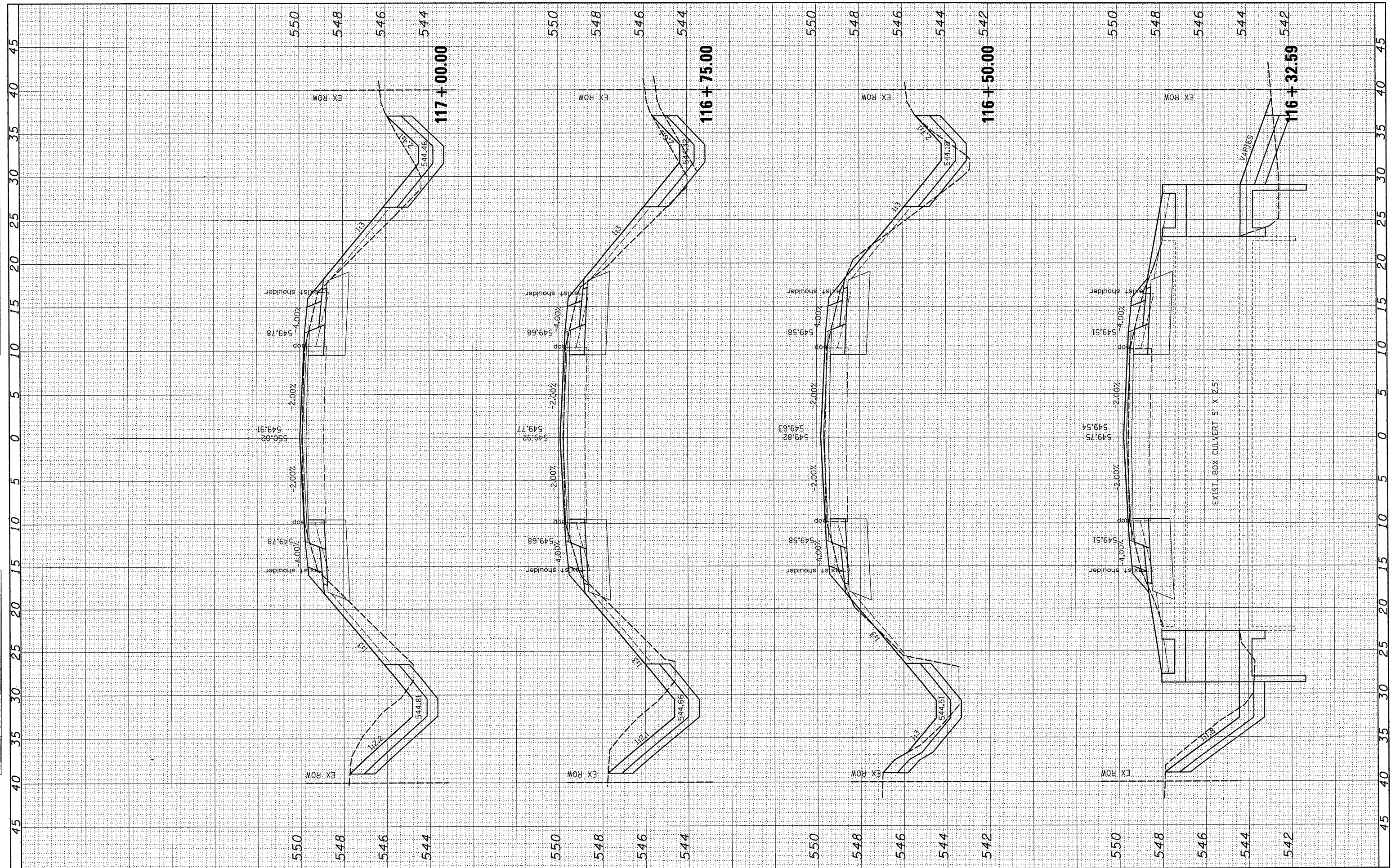
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 115+00.00 TO STA. 116+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	73
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		



FILE NAME =
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HMC JOB NO. 6314.1

USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE = #SCALE#	DRAWN -	REVISED -
PLOT DATE = #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

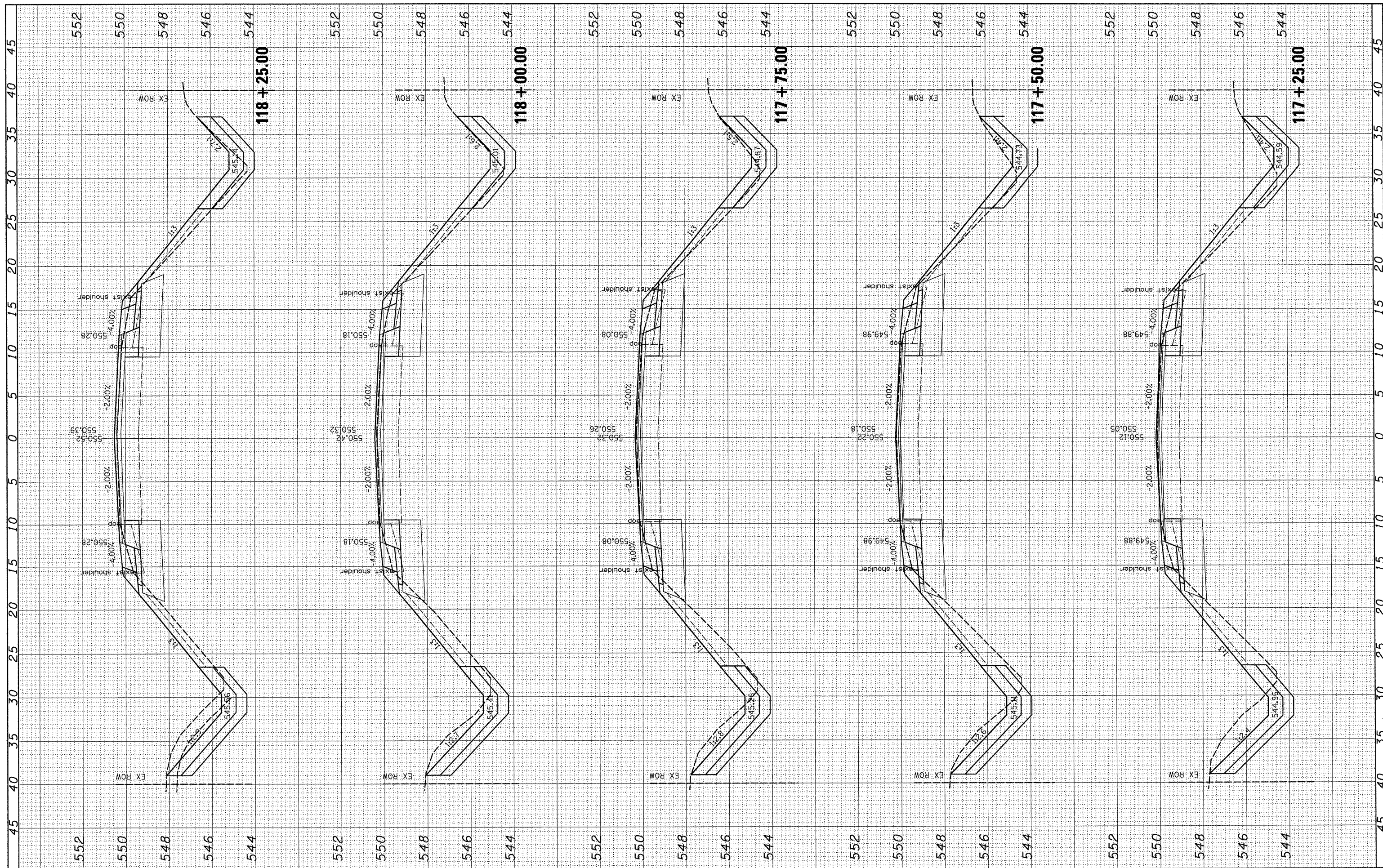
**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 116+32.59 TO STA. 117+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97426	

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

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



FILE NAME =
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HMG JOB NO. 6314.1

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PLOT SCALE = #SCALE#	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

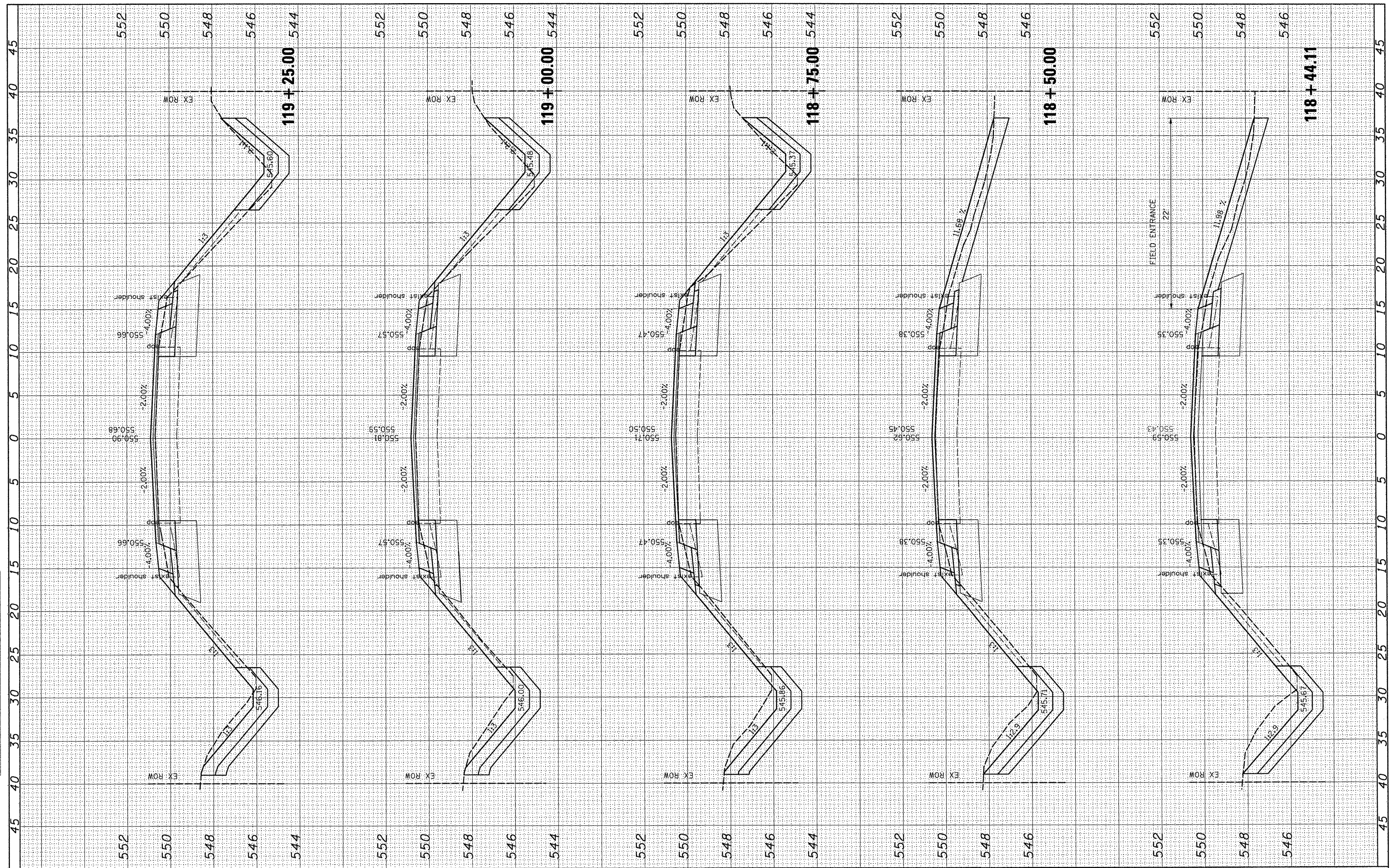
**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 117+25.00 TO STA. 118+25.00

F.A.LI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	75
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

FINISH	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	AREA	
NO.	CHECKED	

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



FILE NAME = #FILEL*
HMC JOB NO. 6314.1

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DESIGNED -	REVISD -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

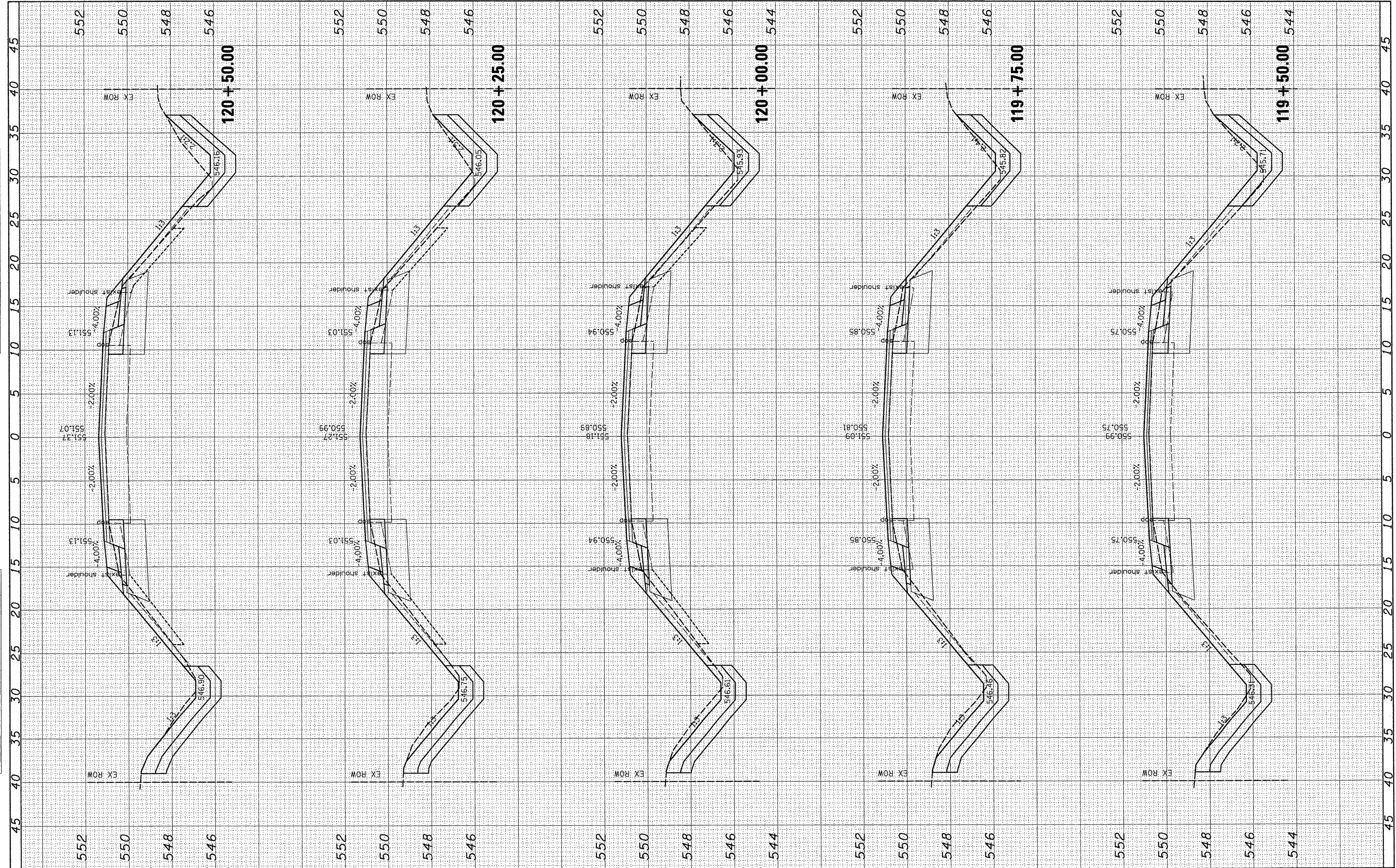
**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 118+44.11 TO STA. 119+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	76
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	REPLATE		
	AREAS CHECKED		
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DESIGNED -
DRAWN -
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REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

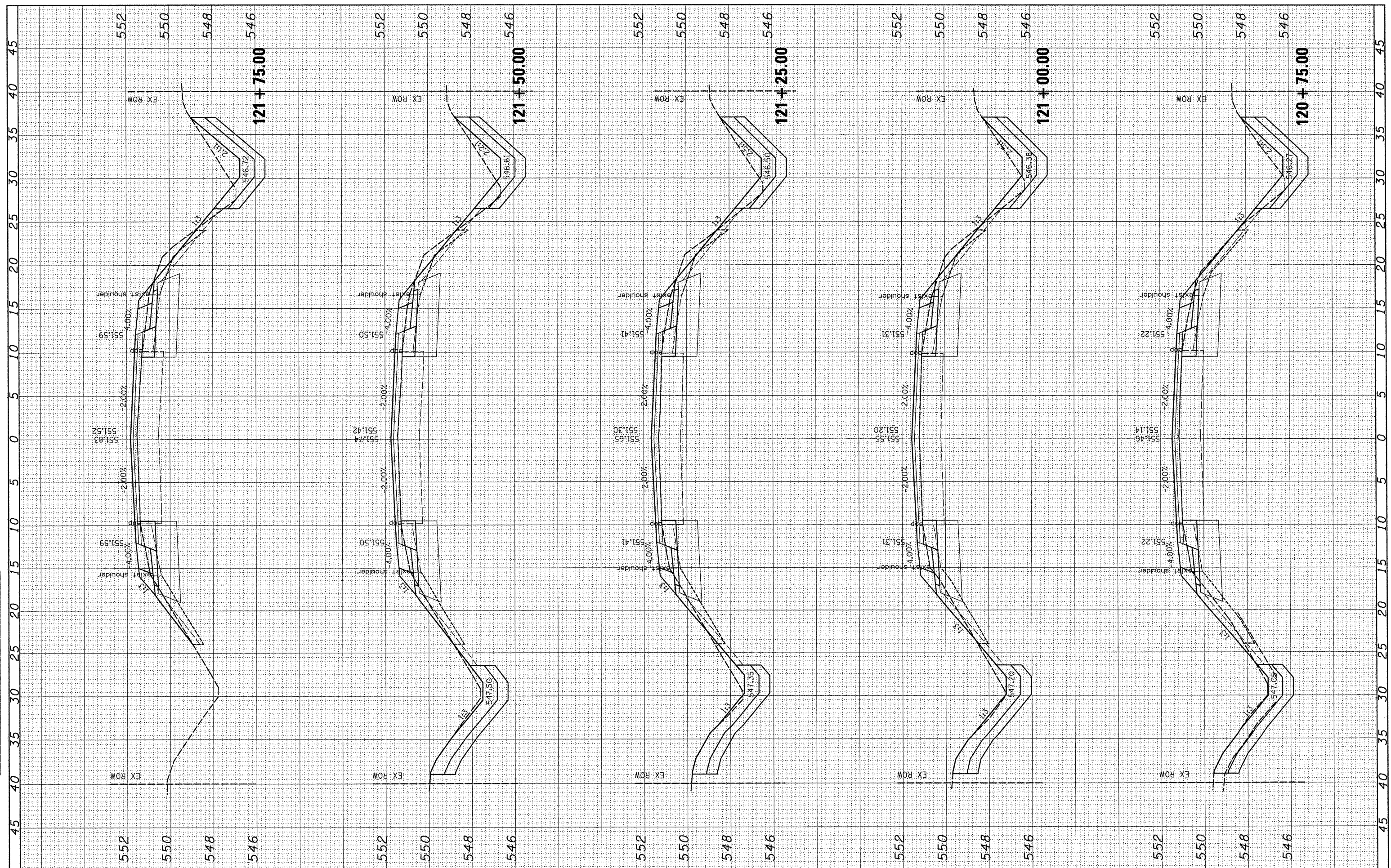
**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 119+50.00 TO STA. 120+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	77
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	REPLATE
AREAS	CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	REPLATE
AREAS	CHECKED
NO.	



FILE NAME =
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DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

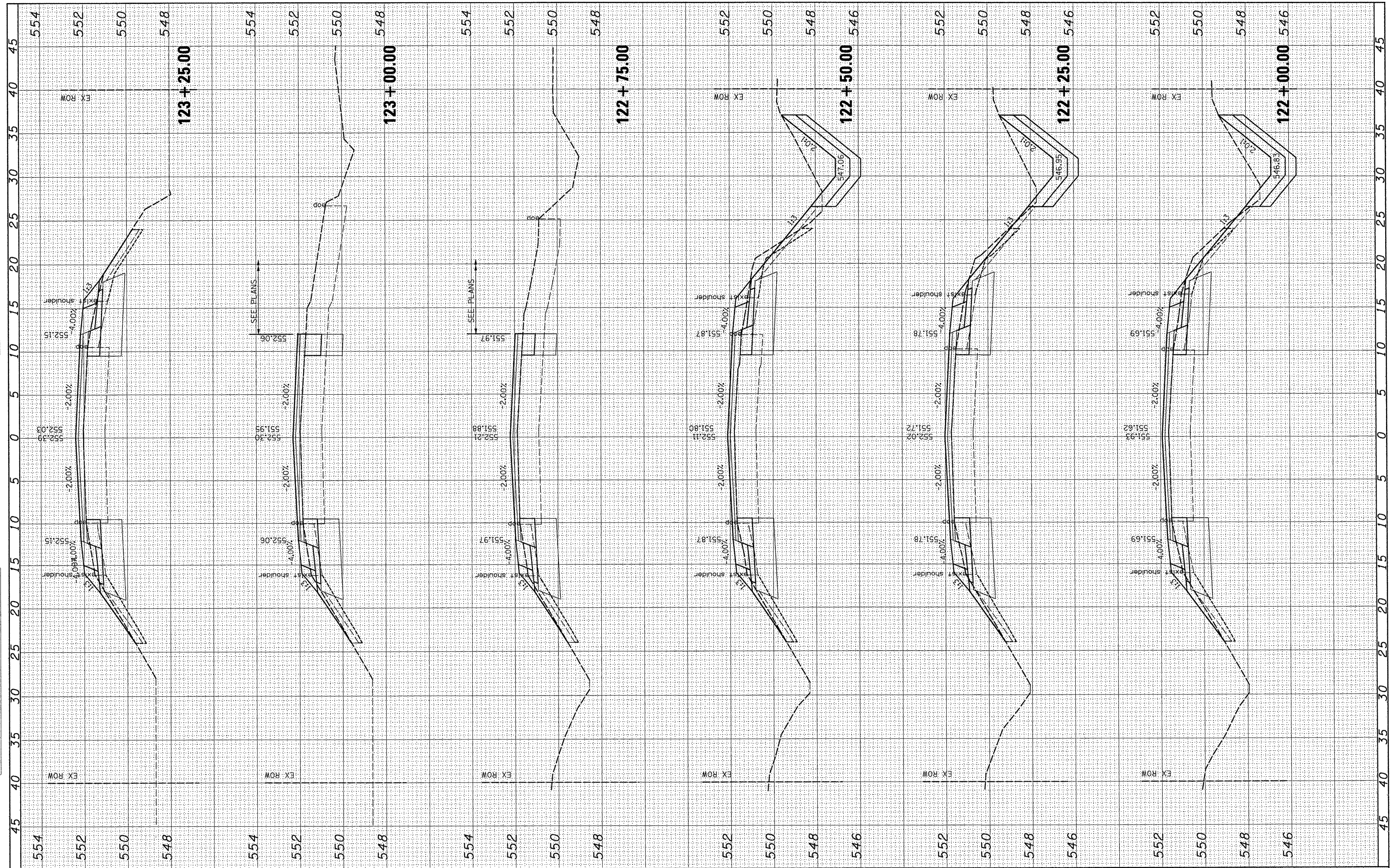
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 120+75.00 TO STA. 121+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	78
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

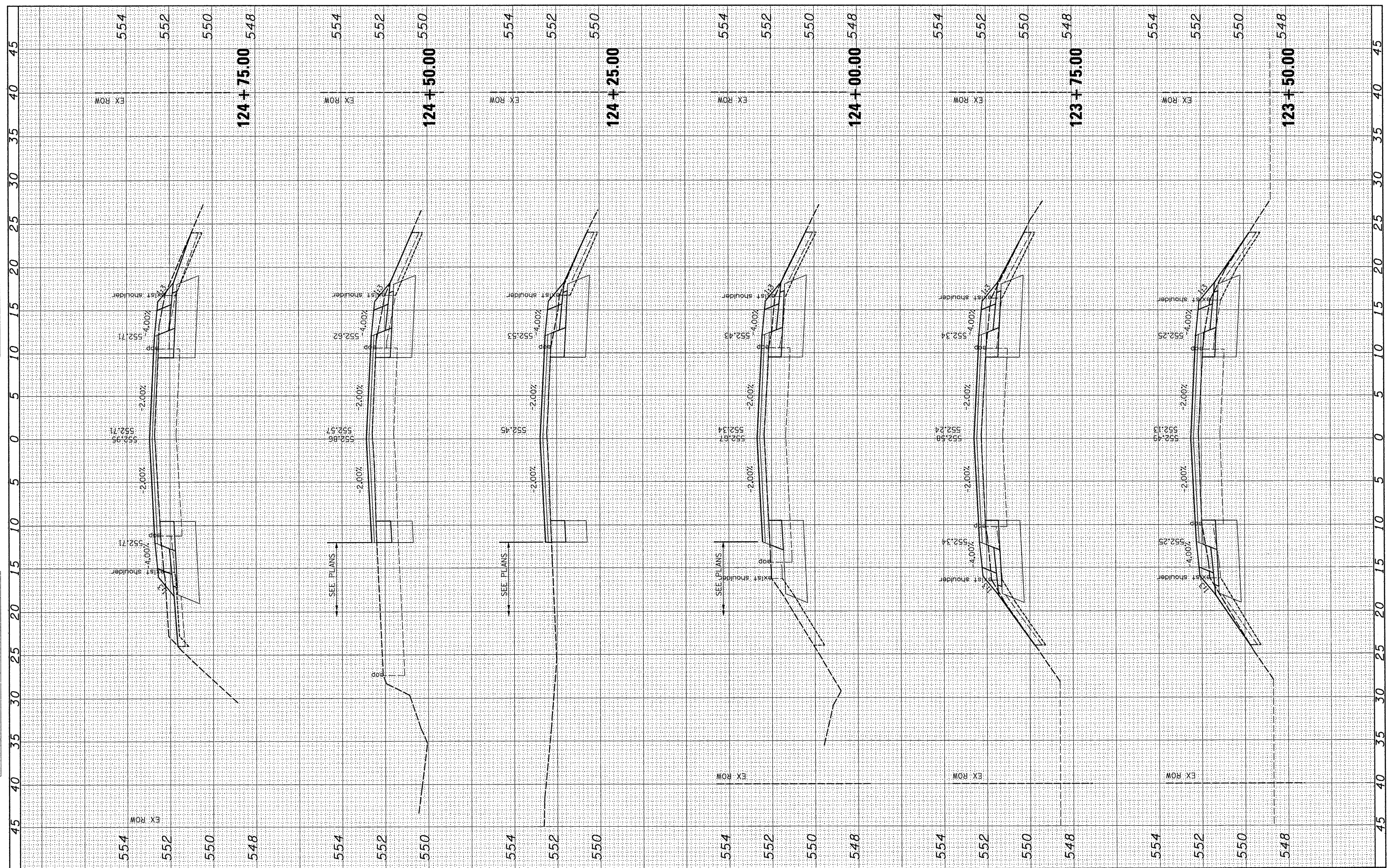
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 122+00.00 TO STA. 123+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	79
CONTRACT NO. 97426				
ILLINOIS FED. AID PROJECT				

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

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



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DESIGNED	-	REVISED	-
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CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

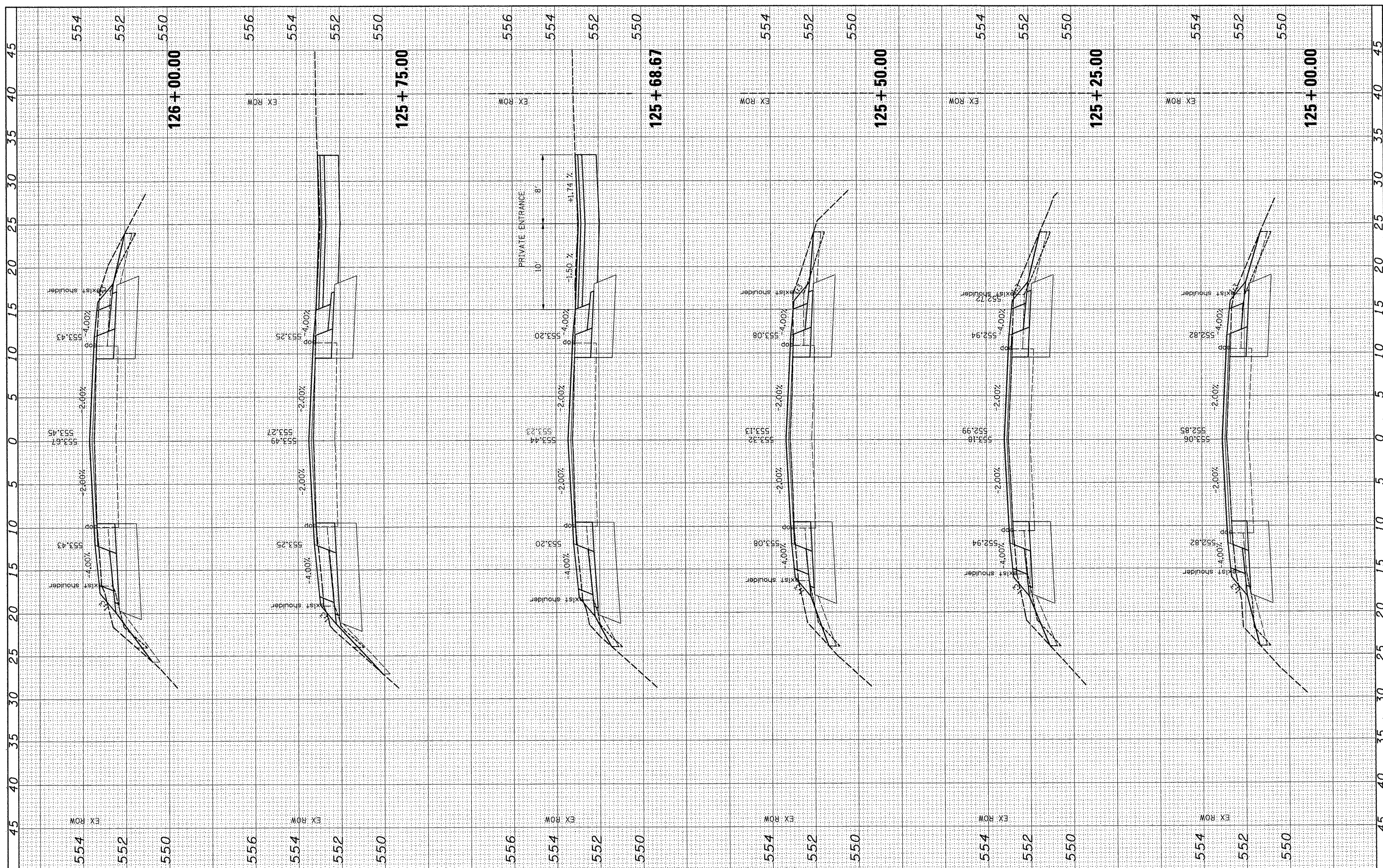
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 123+50.00 TO STA. 124+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	80
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

FINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 NO. AREAS CHECKED

ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 NO. AREAS CHECKED



FILE NAME =
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 HMG JOB NO. 6314.1

USER NAME = #USER#
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 DRAWN -
 CHECKED -
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 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

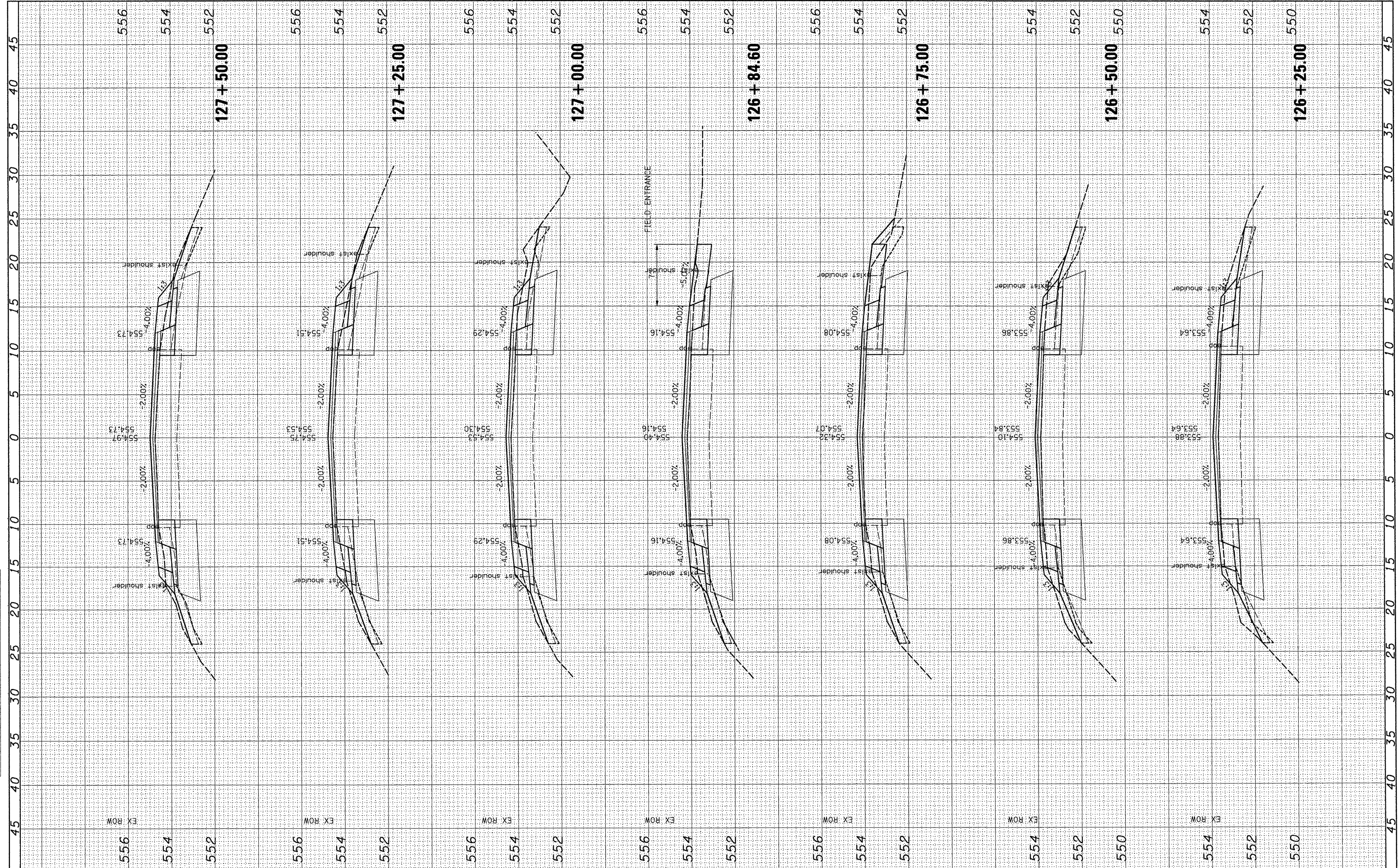
SCALE: SHEET NO. OF SHEETS STA. 125+00.00 TO STA. 126+00.00

**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 81
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME :
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 HMG JOB NO. 6314.1

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PLOT SCALE = #SCALE#	DRAWN -	REVISED -
PLOT DATE = #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

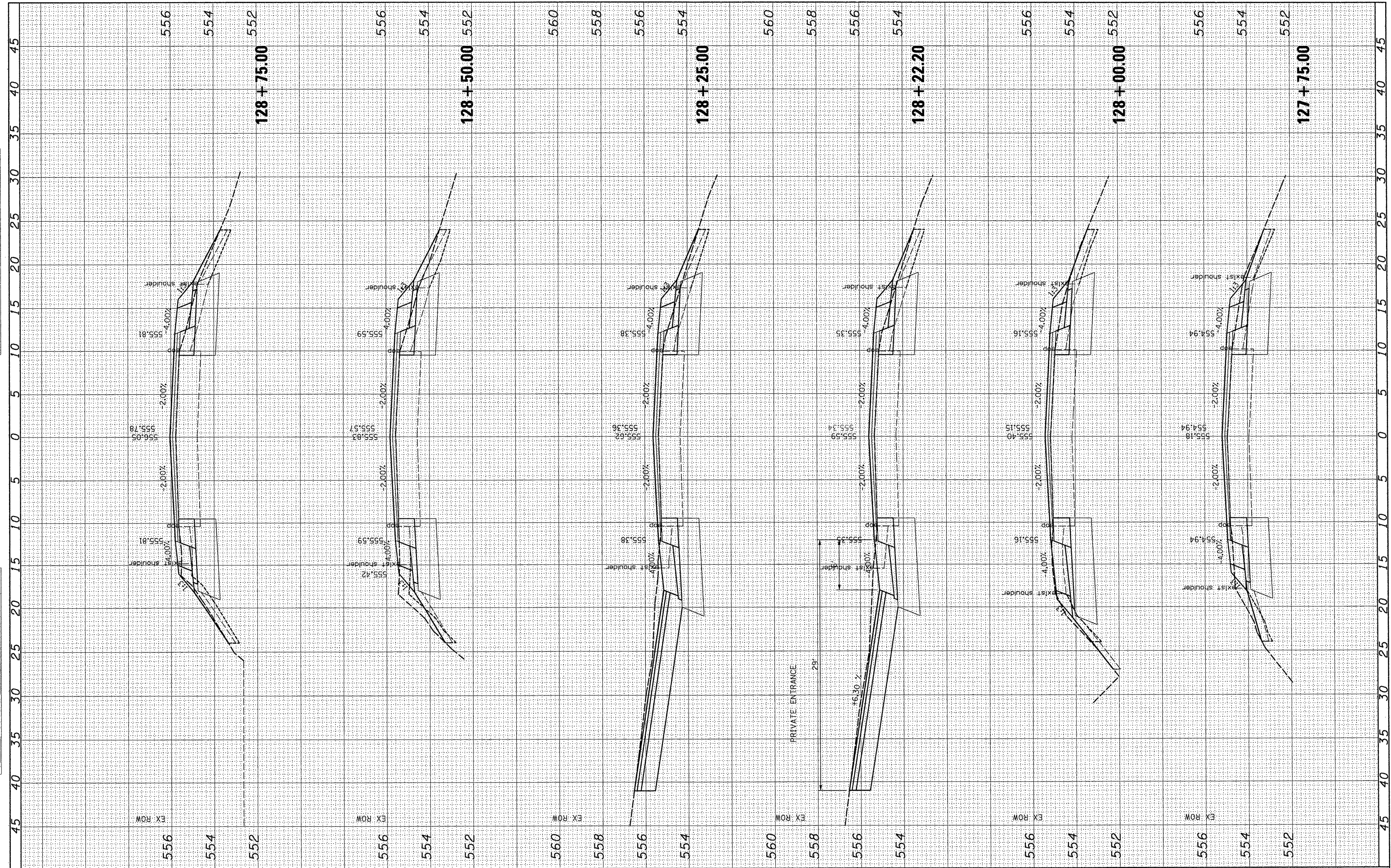
**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 126+25.00 TO STA. 127+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	82
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	

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

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



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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

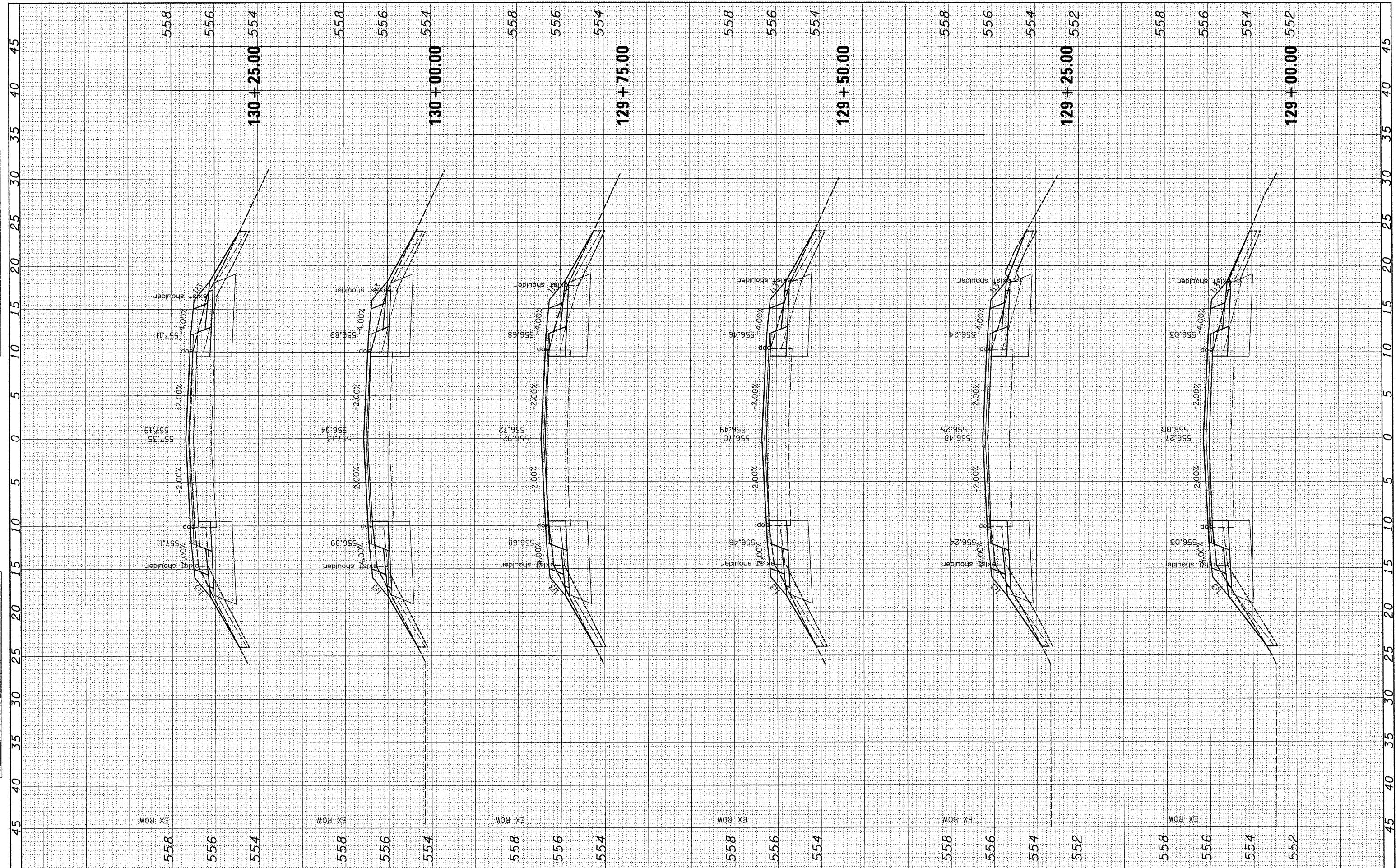
GREENVILLE
CROSS SECTIONS - S. FOURTH ST.

SCALE: SHEET NO. OF SHEETS STA. 127+75.00 TO STA. 128+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	83
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97426	

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

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



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HMG JOB NO. 6314.1

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PLOT DATE = #DATE#

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DATE -

REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

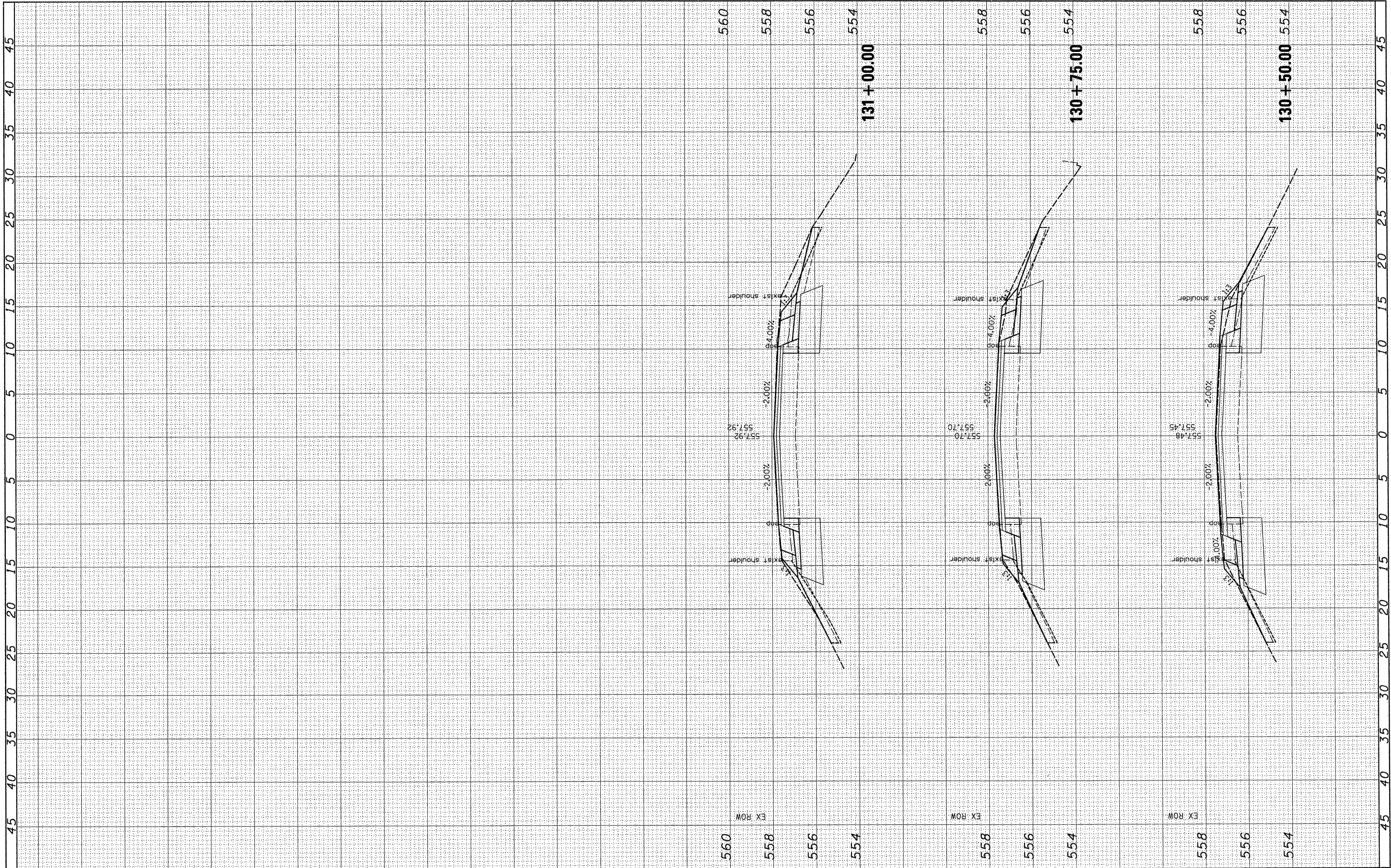
SCALE: SHEET NO. OF SHEETS STA. 129+00.00 TO STA. 130+25.00

**GREENVILLE
CROSS SECTIONS - S. FOURTH ST.**

F.A.U. RTE. 9833	SECTION 05-00016-02-WR	COUNTY BOND	TOTAL SHEETS 85	SHEET NO. 84
CONTRACT NO. 97426				ILLINOIS FED. AID PROJECT

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

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



FILE NAME = #FILE#
 HMG JOB NO. 6314.1

USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE = #SCALE#	DRAWN -	REVISED -
PLOT DATE = #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GREENVILLE
 CROSS SECTIONS - S. FOURTH ST.**

SCALE: SHEET NO. OF SHEETS STA. 130+50.00 TO STA. 131+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9833	05-00016-02-WR	BOND	85	85
CONTRACT NO. 97426			ILLINOIS FED. AID PROJECT	