

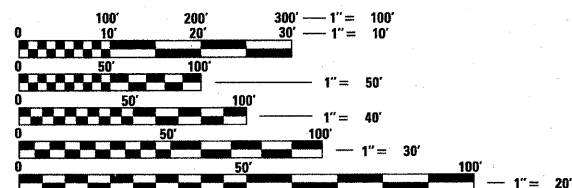
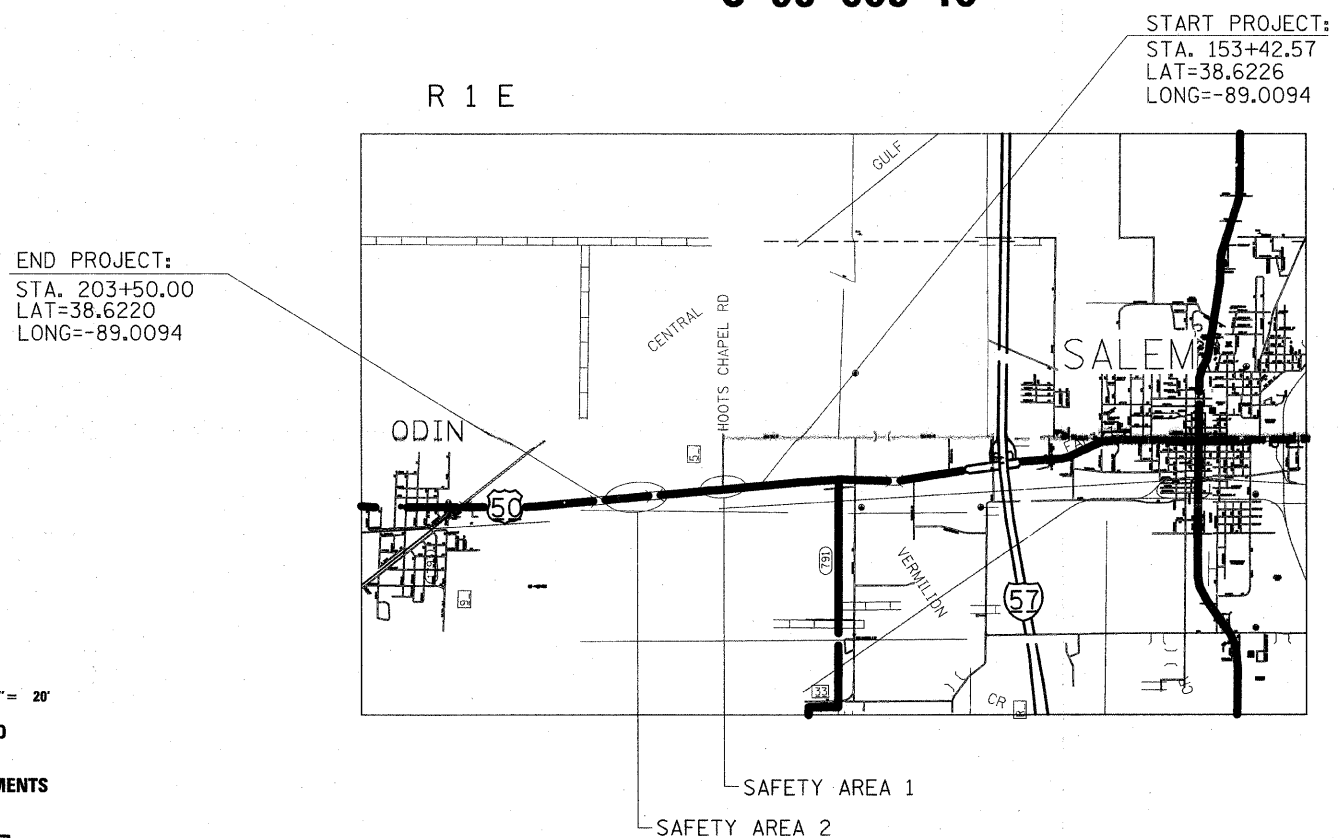
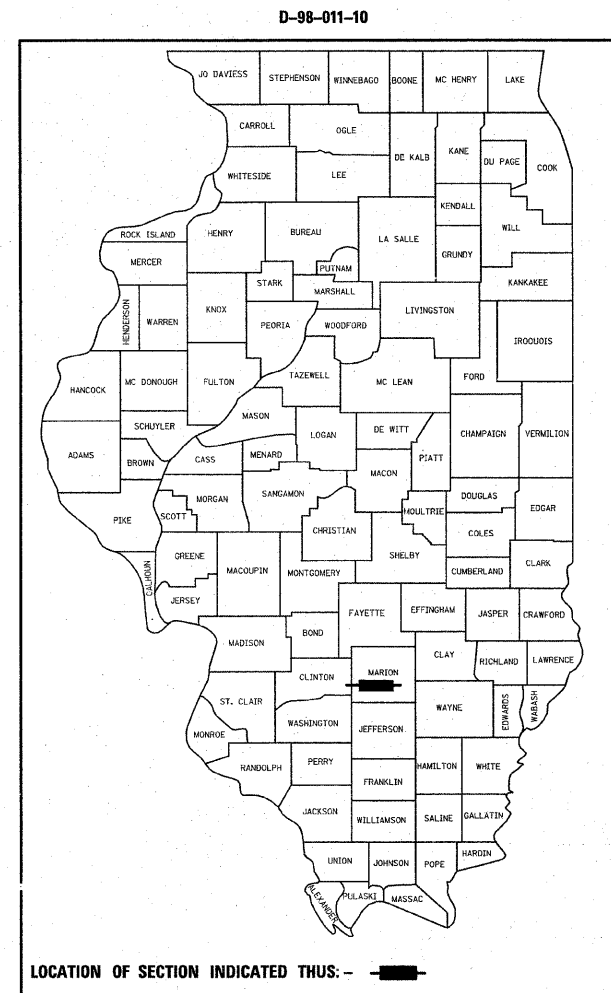
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76D42		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 327 (US 50)
SECTION 17RS-3 *PROJ.ACHSIP-0327(050)*
MARION COUNTY *ACF-*
LEFT TURN LANE, BI-DIRECTIONAL TURN LANE
C-98-005-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2



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

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
PROJECT MANAGER: CHERYL KEPLAR (618) 346-3186

CONTRACT NO. 76D42

ADT: 7,800 (2009)
7,900 (2010)
MU = 8.3%
SU = 3.8%

PROJECT LENGTH
GROSS LENGTH = .95 MI = 5008 FT.
NET LENGTH = .95 MI = 5008 FT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 17 2010*

Mary C. Jamel
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 7 2010
Scott E. Stitt, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

- ① SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- ② EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ③ ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
•AMEREN IP (GAS)		X
•FAIRPOINT COMMUNICATIONS	X	X
•VILLAGE OF ODIN WATER		X
•CITY OF SALEM WATER		X
•TRI-COUNTY ELECTRIC COOPERATIVE, INC.	X	X
•US SONET (CABLE TV)	X	X
•US SONET (COMMUNICATIONS)	X	X

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- ④ THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ⑤ "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. (48" x 48")
- ⑥ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 327 (US 50)
SECTION	17RS-3
COUNTY	MARION
CONTRACT	76D42

DESCRIPTION	US 50 LEFT TURN LANE AT HOOT CHAPEL ROAD AND BI-DIRECTION FROM TURKEY CREEK TO EAST OF WEST OF LINE ROAD.
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ADT (Construction Yr):	7500
MU%:	9.3
SU%:	3
20YR. ESAL'S:	3.97

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER/WIDENING	INCIDENTAL SURF
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION			
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)		IL 9.5	IL 19.0	
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHLDRS
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	BAM	BAM

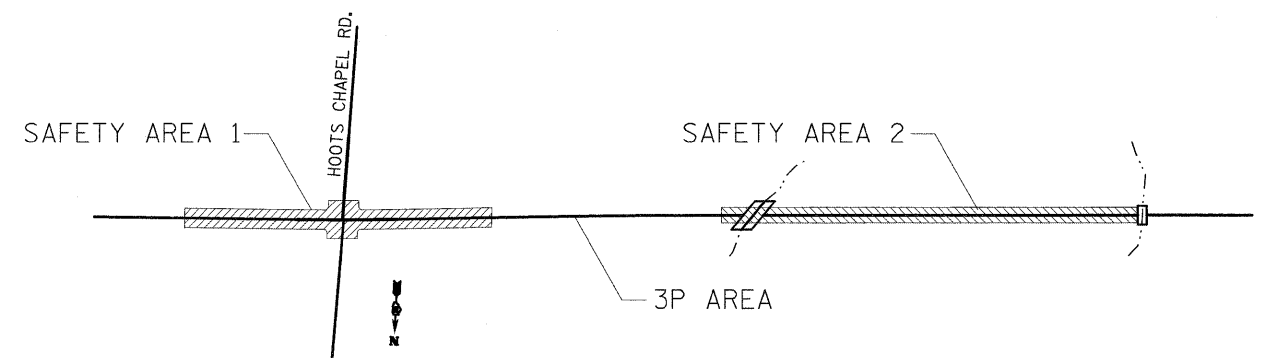
** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

- ⑦ FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- ⑧ EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- ⑨ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑩ THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- ⑪ ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- ⑫ ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- ⑬ THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF 'LOCATING UNDERGROUND CABLE' IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ⑭ SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED AND FINAL BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL OF SHORT TERM PAVEMENT MARKING REMOVAL FROM FINAL SURFACE TO BE PAID AS 'WORK ZONE PAVEMENT MARKING REMOVAL'.

STANDARDS

000001-05	701326-03
001006	701901-01
280001-05	720001-01
482001-02	720006-02
602401-02	720011-01
604036-02	729001-01
630001-08	780001-02
630101-08	781001-03
630301-05	
635006-03	
635011-02	
701306-02	
701311-03	



SPECIAL NOTE

THIS PROJECT HAS BEEN DELINEATED INTO THREE (3) AREAS:
 SAFETY AREA 1 = 153+42.57 TO 166+23.07
 3P AREA = 166+23.07 TO 179+00.00
 SAFETY AREA 2 = 179+00.00 TO 203+30.00

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, GENERAL NOTES STANDARDS & COMMITMENTS
3. SUMMARY OF QUANTITIES
- 4.-8. TYPICAL SECTIONS
- 9.-20. SCHEDULE OF QUANTITIES
- 21.-22. ALIGNMENT TIES & BENCHMARKS
- 23.-30. PLAN SHEETS
- 31.-32. STORM SEWER SHEETS
- 33.-40. PAVEMENT MARKING SHEETS
- 41.-42. SWPPP SHEETS
- 43.-50. EROSION CONTROL SHEETS
51. SIGN LAYOUT SHEET
- 52.-55. DETAILS
- 56.-96. CROSS-SECTION SHEETS

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, STANDARDS &
INDEX OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	2

CONTRACT NO. 76D42

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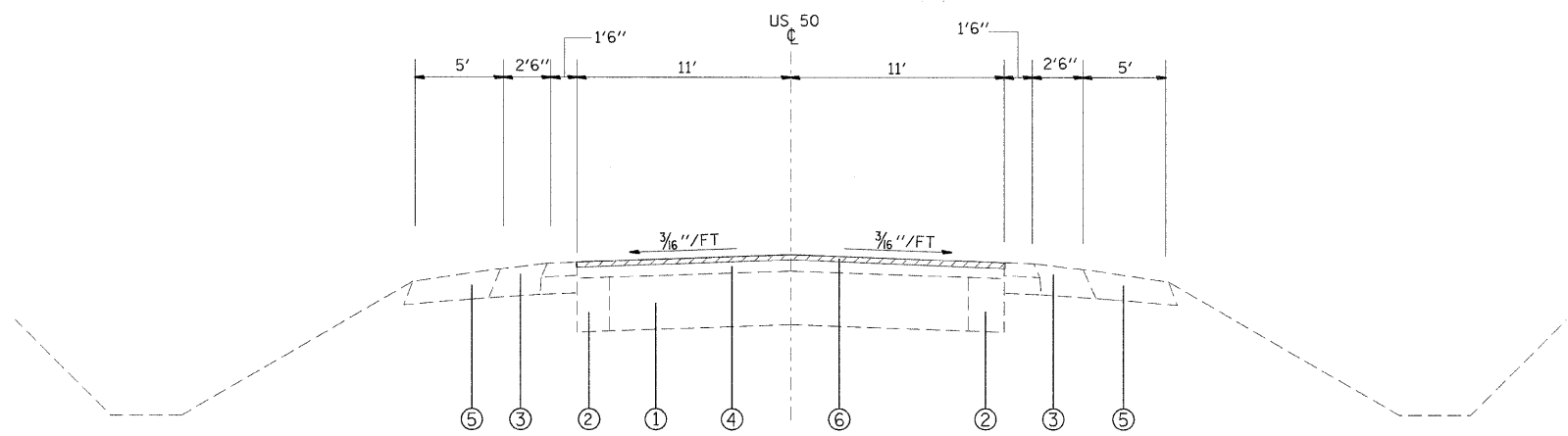
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DATE - _____

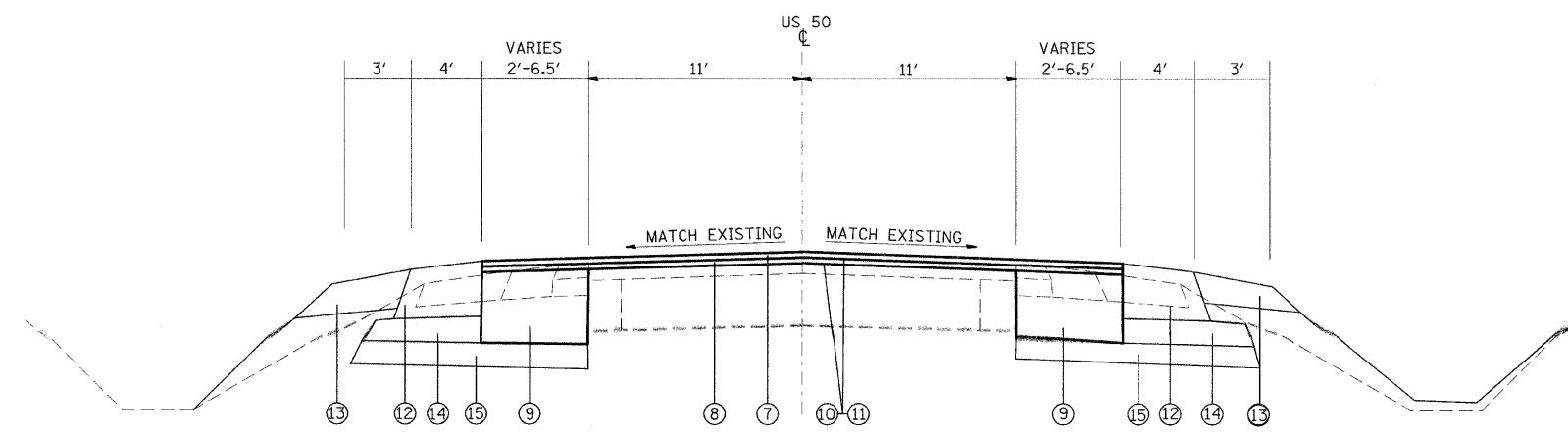
REVISED - ___
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REVISED - ___
REVISED - ___

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		ACHSIP 1000-2A 90% FED. 10% STATE	ACF 1000 80% FED. 20% STATE		CODE NO	ITEM	UNIT		ACHSIP 1000-2A 90% FED. 10% STATE	ACF 1000 80% FED. 20% STATE	
20200100	EARTH EXCAVATION	CU YD	7520	7520		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	353	353			
20800150	TRENCH BACKFILL	CU YD	482	482		550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	357	357			
25000210	SEEDING, CLASS 2A	ACRE	2.25	2.25		60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	4			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	196	196		60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	4	4			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	196	196		* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	750	750			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	196	196		* 63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	50	50			
25100115	MULCH, METHOD 2	ACRE	2.25	2.25		* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	68	68			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	635	635		* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6			
28000305	TEMPORARY DITCH CHECKS	FOOT	24	24		63200310	GUARD RAIL REMOVAL	FOOT	1056	1056			
28000400	PERIMETER EROSION BARRIER	FOOT	2157	2157		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	5	1		
28000500	INLET AND PIPE PROTECTION	EACH	27	27		67100100	MOBILIZATION	L SUM	1	0.8	0.2		
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	1832	1832		70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.8	0.2		
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	6718	6718		70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.8	0.2		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	133	133		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14	14			
35600722	HOT-MIX ASPHALT BASE COURSE WIDENING, 11 1/2"	SQ YD	6224	6224		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3872	2432	1440		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	7.9	6.9	1	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	375	375			
40600300	AGGREGATE (PRIME COAT)	TON	39	34	5	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	23435	18327	5108		
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	696	565	131	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	399	399			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	172	172		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	400	280	120		
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	1390	1128	262	* 72000100	SIGN PANEL - TYPE 1	SQ FT	77	77			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	24	24		* 72000200	SIGN PANEL - TYPE 2	SQ FT	24	24			
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	13872	10750	3122	* 73000100	WOOD SIGN SUPPORT	FOOT	233	233			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	537	537		* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	233	233			
44004250	PAVED SHOULDER REMOVAL	SQ YD	3262	3262		* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23435	18327	5108		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4840	4840		* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	399	399			
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	855	855		* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	203	185	18		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	80		80	* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	22	22			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	4955	4955		* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6			
48203100	HOT-MIX ASPHALT SHOULDERS	TON	64		64	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	67	49	18		
50105220	PIPE CULVERT REMOVAL	FOOT	140	140		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
54011203	PRECAST CONCRETE BOX CULVERT 12' X 3'	FOOT	10	10									
54001001	BOX CULVERT END SECTION, CULVERT NO.1	EACH	2	2									
542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	41	41									
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	87	87									
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	41	41									



EXISTING US 50
STA. 153+42.57 TO STA. 166+23.07

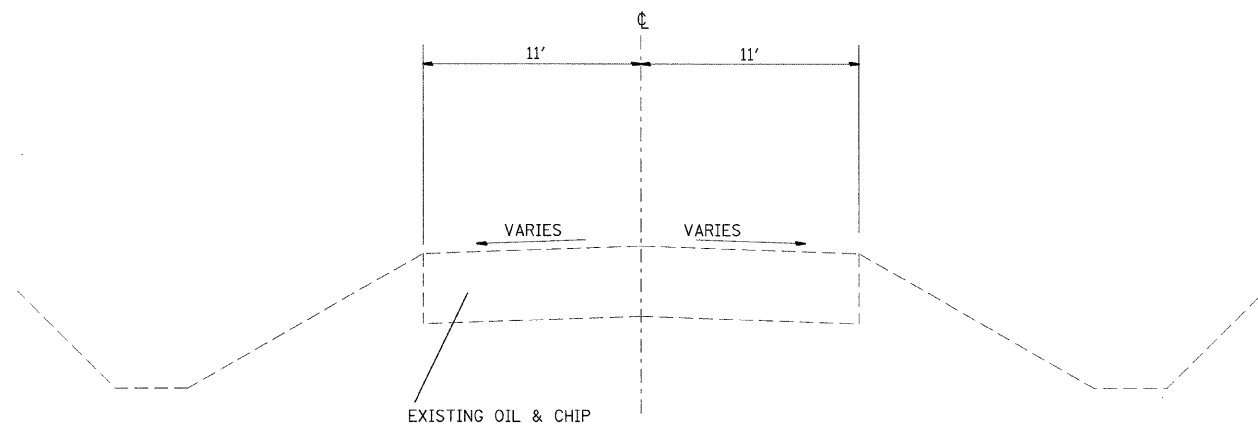


PROPOSED US 50
STA. 153+42.57 TO STA. 166+23.07

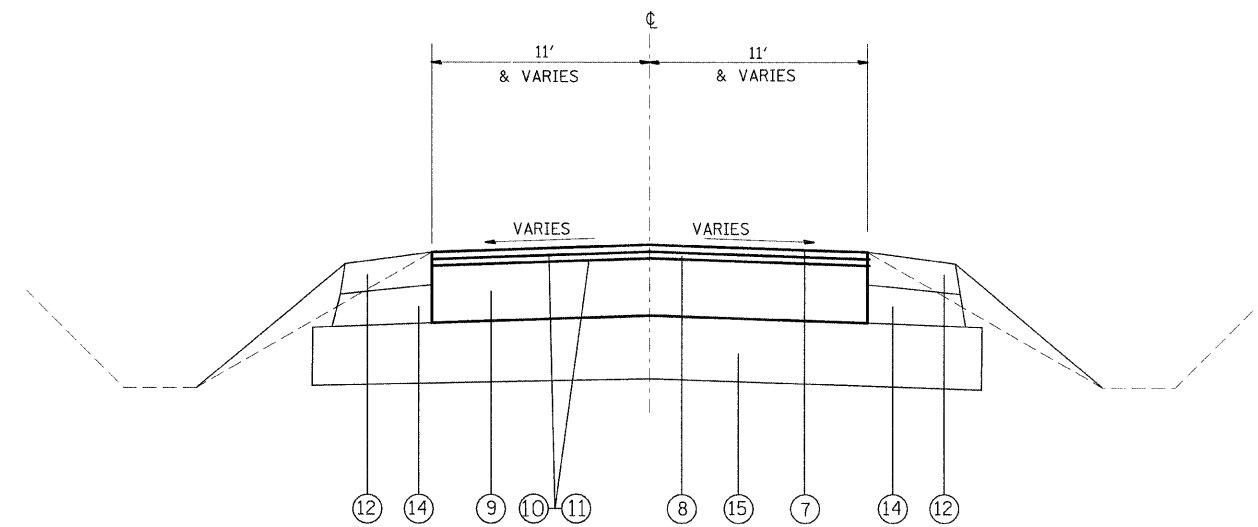
SAFETY AREA 1 = STA. 153+00.00 TO STA. 166+23.07

- LEGEND**
- ① EXISTING CONCRETE PAVEMENT
 - ② EXISTING CONCRETE BASE COURSE WIDENING
 - ③ EXISTING BITUMINOUS SHOULDER
 - ④ EXISTING HMA OVERLAY (THICKNESS VARIES)
 - ⑤ EXISTING AGGREGATE SHOULDER
 - ⑥ PROPOSED HMA SURFACE REMOVAL 1"
 - ⑦ PROPOSED HMA SURFACE COURSE 1 1/2"
 - ⑧ PROPOSED HMA LEVEL BINDER (MACHINE METHOD) 3/4"
 - ⑨ PROPOSED HMA BASE COURSE WIDENING 11 1/2"
 - ⑩ PROPOSED BIT. MATERIALS (PC)
 - ⑪ PROPOSED AGGREGATE MATERIALS (PC)
 - ⑫ PROPOSED HMA SHOULDERS (8")
 - ⑬ PROPOSED AGGREGATE SHOULDERS (8")
 - ⑭ PROPOSED SUBBASE GRANULAR MAT'L, TYPE C (TON)
 - ⑮ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"

FILE NAME =	USER NAME = dintelman.jn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 50 TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/15/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										



EXISTING HOOTS CHAPEL N & S

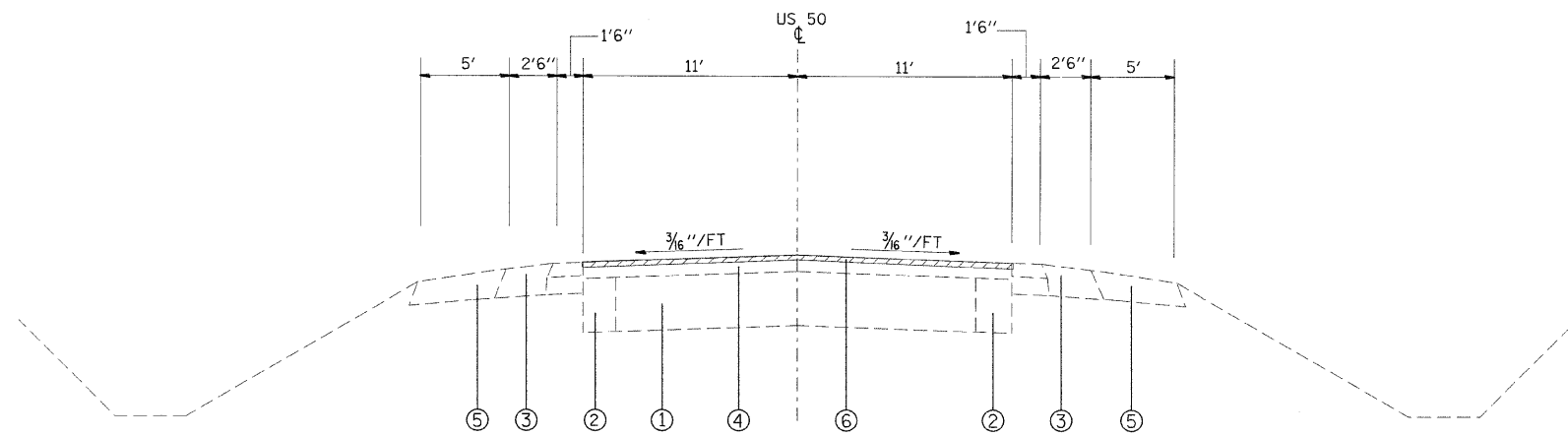


PROPOSED HOOTS CHAPEL N & S

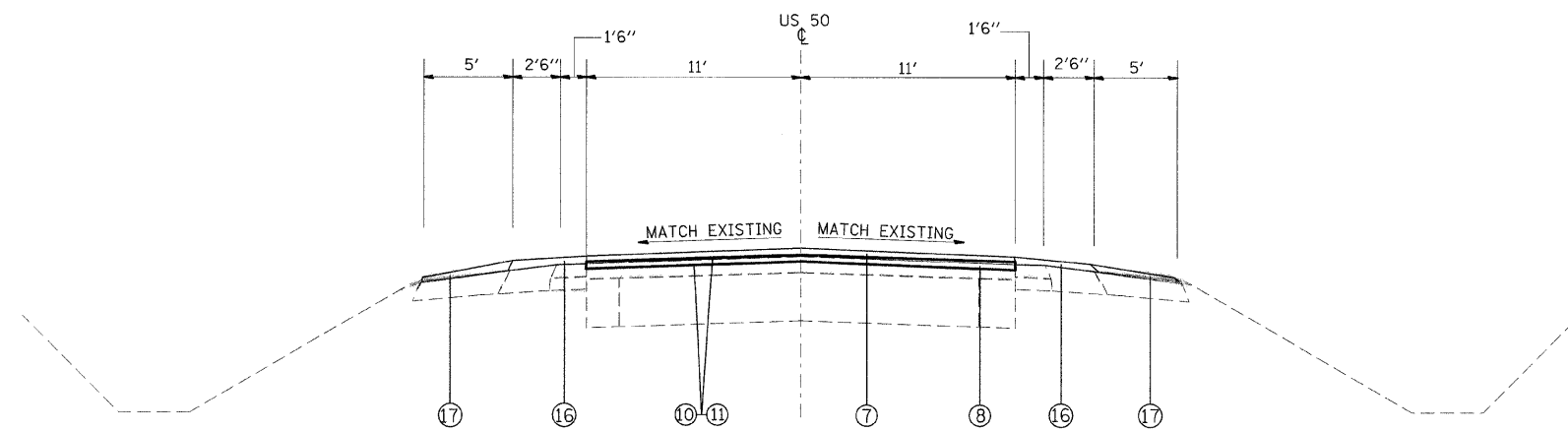
LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING CONCRETE BASE COURSE WIDENING
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING HMA OVERLAY (THICKNESS VARIES)
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HMA SURFACE REMOVAL 1"
- ⑦ PROPOSED HMA SURFACE COURSE 1 1/2"
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- ⑩ PROPOSED BIT. MATERIALS (PC)
- ⑪ PROPOSED AGGREGATE MATERIALS (PC)
- ⑫ PROPOSED HMA SHOULDERS (8")
- ⑬ PROPOSED AGGREGATE SHOULDERS (6")
- ⑭ PROPOSED SUBBASE GRANULAR MAT'L, TYPE C (TON)
- ⑮ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"

FILE NAME =	USER NAME = dntelmarjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOOTS CHAPEL ROAD (NORTH & SOUTH) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/16/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____						



EXISTING US 50
STA. 153+42.57 TO STA. 166+23.07



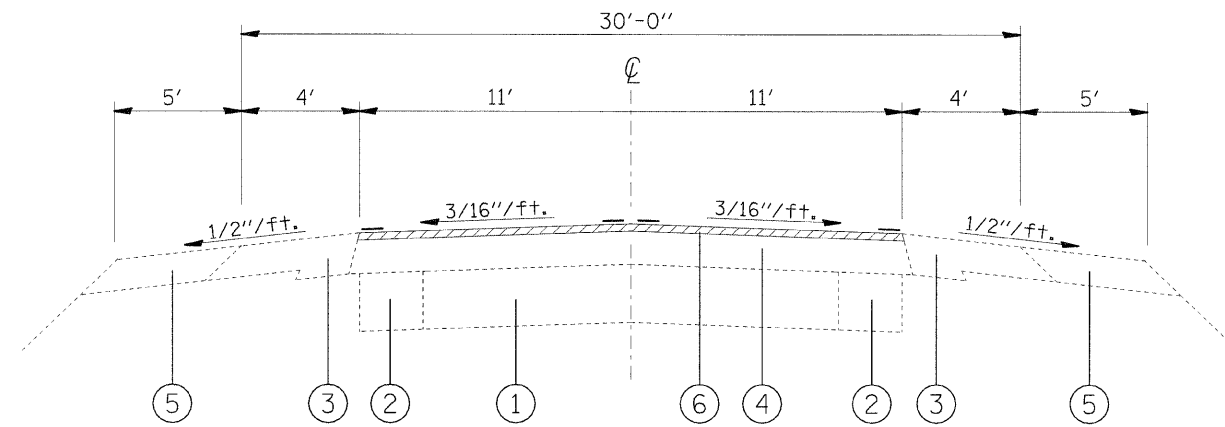
PROPOSED US 50
STA. 166+23.07 TO STA. 179+00.00

3P AREA = STA. 166+23.07 TO STA. 179+00

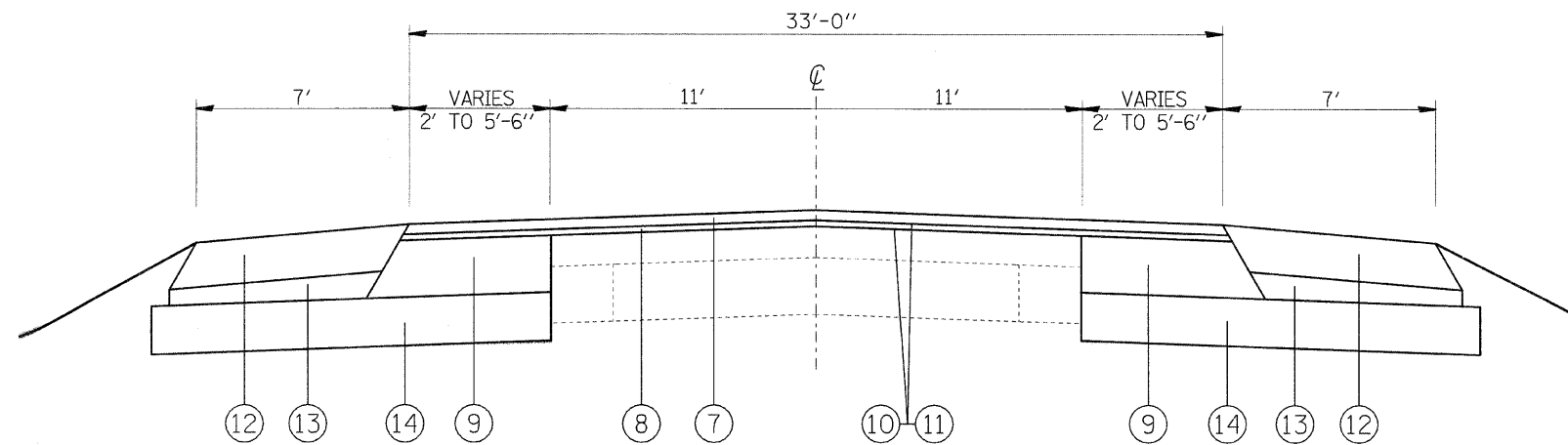
LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING CONCRETE BASE COURSE WIDENING
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING HMA OVERLAY (THICKNESS VARIES)
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HMA SURFACE REMOVAL 1"
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- ⑨ PROPOSED HMA BASE COURSE WIDENING 1 1/2"
- ⑩ PROPOSED BIT. MATERIALS (PC)
- ⑪ PROPOSED AGGREGATE MATERIALS (PC)
- ⑫ PROPOSED HMA SHOULDERS (8")
- ⑬ PROPOSED AGGREGATE SHOULDERS (8")
- ⑭ PROPOSED SUBBASE GRANULAR MAT'L, TYPE C (TON)
- ⑮ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"
- ⑯ PROPOSED HMA SHOULDERS (TONS)
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

FILE NAME =	USER NAME = dintelman.jn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 50 TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76D42							
PLT DATE = 3/16/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



EXISTING
TYPICAL SECTION
STA. 179+10 TO STA. 203+30



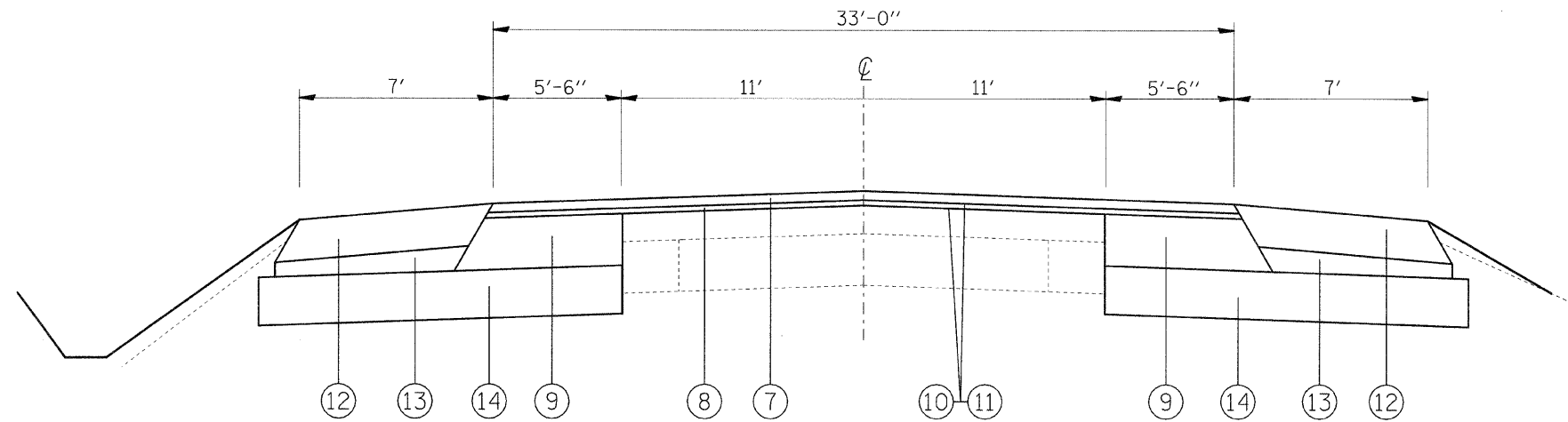
PROPOSED
TYPICAL SECTION
STA. 179+10.00 TO STA. 181+85.00
STA. 200+55.00 TO STA. 203+30.00

SAFETY AREA 2 = 179+00.00 TO 203+30.00

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING CONCRETE BASE COURSE WIDENING
- ③ EXISTING HOT MIX ASPHALT SHOULDER
- ④ EXISTING HOT MIX ASPHALT RESURFACING
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HOT MIX ASPHALT SURFACE REMOVAL 1"
- ⑦ PROPOSED HOT MIX ASPHALT SURFACE COURSE 1 1/2"
- ⑧ PROPOSED HOT MIX ASPHALT LEVEL BINDER 3/4"
- ⑨ PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING 11 1/2"
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ PROPOSED AGGREGATE MATERIALS (PRIME COAT)
- ⑫ PROPOSED HOT MIX ASPHALT SHOULDERS 8"
- ⑬ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑭ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"

FILE NAME =	USER NAME = dintelman_jn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS US 50		F.A.P. RTE. 327	SECTION 17RS-3	COUNTY MARION	TOTAL SHEETS 96	SHEET NO. 7	
et:\pw_work\p\pidot\dintelman_jn\d0153208\76d43-aht-plan.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 76D43				
		CHECKED -	REVISED -		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT							
		DATE -	REVISED -									



PROPOSED
TYPICAL SECTION
STA. 181+85.00 TO STA. 200+55.00

LEGEND

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING CONCRETE BASE COURSE WIDENING
- ③ EXISTING HOT MIX ASPHALT SHOULDER
- ④ EXISTING HOT MIX ASPHALT RESURFACING
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HOT MIX ASPHALT SURFACE REMOVAL 1"
- ⑦ PROPOSED HOT MIX ASPHALT SURFACE COURSE 1 1/2"
- ⑧ PROPOSED HOT MIX ASPHALT LEVEL BINDER 3/4"
- ⑨ PROPOSED HOT MIX ASPHALT BASE COURSE WIDENING 11 1/2"
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ PROPOSED AGGREGATE MATERIALS (PRIME COAT)
- ⑫ PROPOSED HOT MIX ASPHALT SHOULDERS 8"
- ⑬ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑭ PROPOSED AGGREGATE BASE COURSE, TYPE A 12"

SAFETY AREA 2 = 179+00.00 TO 203+30.00

FILE NAME =	USER NAME = dintelman.jn	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS US 50	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwwork\pwwork\dintelman.jn\0153208\76d43-shr-plan.dgn	DRAWN -	REVISD -	327			17RS-3	MARION	96	8	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISD -	CONTRACT NO. 76D43							
PLOT DATE = 3/16/2010	DATE -	REVISD -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

HMA QUANTITIES (SAFETY AREA 1)

LOCATION			HMA SURFACE COURSE (TON)	LEVELING BINDER (MACHINE METHOD) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE MATERIALS (PRIME COAT) (TON)	HMA SURFACE REMOVAL, 1" (SQ YD)
STA.	TO	STA.					
153+00	-	157+00	103.0	51.5	0.38	1.84	1225.0
157+00	-	163+00	186.0	93.0	0.69	3.32	2212.0
163+00	-	166+23.07	85.0	42.5	0.31	1.51	1006.0
HOOTS CHAPEL ROAD (NORTH & SOUTH)			33.0	16.5	0.12	0.59	392.0
TOTALS			407.0	204	1.5	7.26	4835.0

HMA BASE COURSE WIDENING, 11 1/2" (SAFETY AREA 1)

LOCATION			HMA BASE COURSE WIDENING, 11 1/2" (SQ YD)
STA.	TO	STA.	
153+00	-	157+00	282.0
157+00	-	163+00	745.0
163+00	-	166+23.07	210.0
HOOTS CHAPEL ROAD (NORTH & SOUTH)			390.0
TOTAL			1627.0

HMA SHOULDERS, 8" (SAFETY AREA 1)

LOCATION			HMA SHOULDERS, 8" (SQ YD)
STA.	TO	STA.	
153+00	-	157+00	320.0
157+00	-	163+00	535.0
163+00	-	166+23.07	290.0
HOOTS CHAPEL ROAD (NORTH & SOUTH)			95.0
TOTALS			1240.0

SUB-BASE GRANULAR MATERIAL, TYPE C (TON) (SAFETY AREA 1)

LOCATION			SUB-BASE GRAN. MAT'L, TYPE C (TON)
STA.	TO	STA.	
153+00	-	157+00	89.0
157+00	-	163+00	149.0
163+00	-	166+23.07	80.0
HOOTS CHAPEL ROAD (NORTH & SOUTH)			27.2
TOTALS			345.2

AGGREGATE BASE COURSE, TYPE A 12" (SAFETY AREA 1)

LOCATION			AGG. BASE COURSE, TYPE A 12" (SQ YD)
STA.	TO	STA.	
153+00	-	157+00	620.0
157+00	-	163+00	1410.0
163+00	-	166+23.07	540.0
HOOTS CHAPEL ROAD (NORTH & SOUTH)			510.0
TOTALS			3080.0

AGGREGATE SHOULDERS, TYPE A 6" (SAFETY AREA 1)

LOCATION			AGG. SHOULDERS, TYPE A 6" (SQ YD)
STA.	TO	STA.	
153+42.57	-	157+00	239.0
157+00	-	163+00	400.0
163+00	-	166+23.07	216.0
TOTALS			855.0

PAVED SHOULDER REMOVAL (SAFETY AREA 1)

LOCATION			PAVED SHOULDER REMOVAL (SQ YD)
STA.	TO	STA.	
153+42.57	-	157+00	318.0
157+00	-	163+00	534.0
163+00	-	166+23.07	287.0
TOTALS			1139.0

HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT (SAFETY AREA 1)

LOCATION			HMA SURFACE REM.- BUTT JOINT (SQ YD)
STA.	TO	STA.	
153+00	-	153+42.57	99.0
TOTALS			99.0

FILE NAME =	USER NAME = dntelmarjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES (SAFETY AREA 1)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pw\work\pwidot\dntelmarjn\0153339\076d42-sh-t-plan.dgn	DRAWN -	REVISED -	327			17RS-3	MARION	96	10		
PLOT SCALE = 52.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76D42								
PLOT DATE = 3/16/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
						SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____			

MANHOLES, TYPE A, 4' DIA., TYPE 8 GRATE (SAFETY AREA 1)

LOCATION			MANHOLES, T -A, 4' DIA. T 8 GRATE (EACH)
STA.	OFFSET	(LT/RT)	
157+07.41	26.42	RT	1
157+50.04	28.91	RT	1
158+50	29.05	RT	1
159+03.50	29.05	RT	1.0
TOTALS			4.0

STORM SEWER, CLASS A, TYPE 1 24" (SAFETY AREA 1)

LOCATION				STORM SEWER, CL A, TYPE 1, 24"
STA.	TO	STA.	SIDE	
157+07.41	-	157+50	RT	41
157+50.04	-	158+50	RT	99
158+50	-	159+03.50	RT	52
159+03.50	-	160+63.85	RT	160.5
TOTALS				352.5

MANHOLES, TYPE A, 5' DIA., TYPE 8 GRATE (SAFETY AREA 1)

LOCATION			MANHOLES, T -A, 5' DIA. T 8 GRATE (EACH)
STA.	OFFSET	(LT/RT)	
160+63.85	28.88	RT	1
162+18.87	29.01	RT	1
163+50.29	28.92	RT	1
164+26.10	26.18	RT	1.0
TOTALS			4.0

STORM SEWER, CLASS A, TYPE 1 36" (SAFETY AREA 1)

LOCATION				STORM SEWER, CL A, TYPE 1, 36" (FT)
STA.	TO	STA.	SIDE	
160+63.85	-	162+18.87	RT	155
162+18.87	-	163+50.29	RT	127
163+50.29	-	164+26.10	RT	75
TOTALS				357

BOX CULVERT AT HOOTS CHAPEL SOUTH (SAFETY AREA 1)

LOCATION	PRECAST CONC. BOX CULVERT 3' X 12' (FOOT)	BOX CULVERT END SECTION, CULVERT, NO. 1 (EACH)
HOOTS CHAPEL ROAD SOUTH	10	2
TOTALS	10	2

TRENCH BACKFILL (SAFETY AREA 1)

LOCATION		TRENCH BACKFILL (CY)
STA.	STA.	
157+07.41	157+50.04	31.0
157+50	158+50	72.3
158+50	159+03.50	38.7
159+03.50	160+63.85	116.0
160+63.85	162+18.87	96.0
162+18.87	163+50.29	81.0
163+50.29	164+26.10	47.0
TOTAL		482.0

PERIMETER EROSION CONTROL BARRIER (SAFETY AREA 1)

LOCATION			PERIMETER EROSION CONTROL BARRIER (FT)
STA.	STA.	SIDE	
154+75	159+62	LT	493
160+01	165+00	LT	502
166+16	166+34.7	LT	22
166+14	166+40	RT	30
TOTAL			1047

INLET AND PIPE PROTECTION (SAFETY AREA 1)

LOCATION		PERIMETER EROSION CONTROL BARRIER (FT)
STA.	STA.	
153+00	157+00	3
157+00	163+00	7
163+00	163+23.7	3
TOTAL		13

EARTHWORK SCHEDULE (SAFETY AREA 1)

LOCATION		EARTH EXCAVATION (CY)	EARTH EXC. ADJUSTED FOR SHRINKAGE (CY)	EMBANKMENT (CY)	EARTHWORK BALANCE (CY)
STA.	STA.				
153+00	166+50	2671.0	2003.3	221.0	1782.3
TOTAL		2671.0	2003.3	221.0	1782.3

SEEDING (SAFETY AREA 1)

LOCATION		SEEDING, CLASS A (ACRE)	MULCH, METHOD 2 (ARCE)	NITROGEN FERTILIZER NUT. (LB)	PHOSPHORUS FERTILIZER NUT. (LB)	POTASSIUM FERTILIZER NUT. (LB)
STA.	STA.					
153+00	157+00	0.09	0.09	8.1	8.1	8.1
157+00	163+00	0.41	0.41	36.9	36.9	36.9
163+00	166+23.05	0.14	0.14	12.6	12.6	12.6
TOTAL		0.75	0.75	57.6	57.6	57.6

FILE NAME =	USER NAME = dntelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES (SAFETY AREA 1)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pwork\pedit\dntelmanjn\0153339\876d42-shr-plan.dgn	DRAWN -	REVISED -	327			17RS-3	MARION	96	12	
PLCT SCALE = 52.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76D42							
PLCT DATE = 3/16/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

PAVEMENT MARKING SCHEDULE (SAFETY AREA 1)

LOCATION		THERMO PAVEMENT MARKING - 4"				THERMO PAVEMENT MARKING - 12"		THERMO. P.M. - LETTERS AND SYMBOLS (SQ FT)
		WHITE EDGE LINE (FOOT)	WHITE SKIP-DASH (FOOT)	DOUBLE YELLOW LINE (FOOT)	WHITE LANE LINE (FOOT)	YELLOW DIAGONALS (FOOT)	WHITE STOP BAR (FOOT)	
STA	STA							
153+00	157+00	800.0	8.0	1,366.0	0.0	77.0	0.0	0.0
157+00	163+00	1,003.0	76.0	1,652.0	230.0	77.0	0.0	62.4
163+00	166+23.05	647.0	0.0	1,142.0	0.0	65.0	0.0	0.0
HOOTS CHAPEL ROAD N & S		0.0	0.0	0.0	0.0	0.0	35.0	0.0
SUBTOTAL		2,450.0	84.0	4,160.0	230.0	219.0	35.0	0.0
GRAND TOTAL		6,924.0				254.0		62.4

RAISED REFLECTIVE PAVEMENT MARKERS AND REMOVAL (SAFETY AREA 1)

LOCATION		WHITE CRYSTAL (EACH)	DOUBLE AMBER (EACH)	RRPM REMOVAL (EACH)
STA.	STA.			
153+00	157+00	16	3	6
157+00	163+00	25	6	9
163+00	166+23.05	14	3	5
SUBTOTAL		55	12	20
TOTAL		67		20

SHORT-TERM PAVEMENT MARKING AND WORK ZONE PM REMOVAL (SAFETY AREA 1)

LOCATION		SHORT-TERM PM (FOOT)	WORK ZONE PM REMOVAL (SQ FT)
STA.	STA.		
153+00	157+00	448	37.3
157+00	163+00	672	56.0
163+00	166+23.05	384	32.0
TOTAL		1504	125.3

SIGN SCHEDULE (SAFETY AREA 1)

LOCATION	OFFSET	SIGN	SIZE	POST	DESCRIPTION	SIGN PANEL		POST LENGTH
						TYPE 1	TYPE 2	
STATION						SQ FT	SQ FT	FT
153+00.00	20(LT)	W14-3	48" X 36"	WOOD	NO PASSING ZONE		12.00	16
159+79.27		R1-I	30" X 30"	WOOD	STOP	6.25		14
159+85.12		R1-I	30" X 30"	WOOD	STOP	6.25		14
165+48.00	20(RT)	W14-3	48" X 36"	WOOD	NO PASSING ZONE		12.00	16.5
TOTALS						13	24	61

HMA QUANTITIES (3P AREA)

LOCATION			HMA SURFACE COURSE (TON)	LEVELING BINDER (MACHINE METHOD) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	AGGREGATE MATERIALS (PRIME COAT) (TON)	HMA SURFACE REMOVAL, 1" (SY)
STA.	TO	STA.					
166+23.07	-	179+00	262.0	131.0	0.98	4.68	3122.0
TOTALS			262.0	131.0	0.98	4.68	3122.0

HOT-MIX ASPHALT SHOULDERS (TONS) (3P AREA)

LOCATION			HMA SHOULDERS (TON)
STA.	TO	STA.	
166+23.07	-	179+00	64.0
TOTALS			64.0

AGGREGATE WEDGE SHOULDER, TYPE B (3P AREA)

LOCATION			AGG. WEDGE SHOULDER, TYPE B (TON)
STA.	TO	STA.	
166+23.07	-	179+00	80.0
TOTALS			80.0

SHORT-TERM PAVEMENT MARKING AND WORK ZONE PM REMOVAL (3P AREA)

LOCATION		SHORT-TERM PM (FOOT)	WORK ZONE PM REMOVAL (SQ FT)
STA.	STA.		
166+23.05	179+00	1440	120
TOTAL		1440	120

PAVEMENT MARKING SCHEDULE (3P AREA)

LOCATION		THERMO PAVEMENT MARKING - 4"	
STA	STA	WHITE EDGE LINE (FOOT)	DOUBLE YELLOW LINE (FOOT)
166+23.05	179+00	2,554.0	2,554.0
SUBTOTAL		2,554.0	2,554.0
GRAND TOTAL		5,108.0	

RAISED REFLECTIVE PAVEMENT MARKERS AND REMOVAL (3P AREA)

LOCATION		WHITE CRYSTAL (EACH)	DOUBLE AMBER (EACH)	RRPM REMOVAL (EACH)
STA.	STA.			
166+23.05	179+00	0	18	18
SUBTOTAL		0	18	18
TOTAL		0	18	18

FILE NAME =	USER NAME = dntelmonjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES (3P AREA)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pwwork\pwwid\dn\telmonjn\d0153338\6376d42-shr-plen.dgn	DRAWN -	REVISED -	327			17RS-3	MARION	96	15	
PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76D42							
PLOT DATE = 3/16/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____				

MAINLINE WIDENING SCHEDULE
(SAFETY AREA 2)

LOCATION			HMA BASE COURSE WIDENING 11 1/2"	AGG. BASE COURSE, TYPE A, 12"
STA	to	STA	(SQ YD)	(TON)
RIGHT				
179+10.00	to	181+10.00	44	147.77
181+10.00	to	181+85.00	31	65.62
181+85.00	to	182+02.00	10	17.19
182+34.00	to	183+75.00	86	142.56
183+75.00	to	189+50.00	351	581.36
189+50.00	to	195+00.00	336	556.08
195+00.00	to	200+55.00	339	561.13
200+55.00	to	202+30.00	73	153.12
202+30.00	to	203+30.00	22	73.88
LEFT				
179+10.00	to	181+10.00	44	147.77
181+10.00	to	181+85.00	31	65.62
181+85.00	to	182+02.00	10	17.19
182+34.00	to	183+75.00	86	142.56
183+75.00	to	189+50.00	351	581.36
189+50.00	to	195+00.00	336	556.08
195+00.00	to	200+55.00	339	561.13
200+55.00	to	202+30.00	73	153.12
202+30.00	to	203+30.00	22	73.88
TOTAL =			2584	4597

SHOULDER SCHEDULE
(SAFETY AREA 2)

LOCATION			PAVED SHOULDER REMOVAL	HMA SHOULDERS 8"	SUB-BASE GRAN. MATERIAL, TYPE C
STA	to	STA	(SQ YD)	(SQ YD)	(TON)
RIGHT					
179+10.00	to	181+88.00	123.56	216.22	86.48
182+20.00	to	183+75.00	68.89	120.56	48.22
183+75.00	to	189+50.00	255.56	447.22	178.88
189+50.00	to	195+00.00	244.44	427.78	171.10
195+00.00	to	200+55.00	246.67	431.67	172.66
200+55.00	to	203+30.00	122.22	213.89	85.55
LEFT					
179+10.00	to	182+19.00	137.33	240.33	96.13
182+51.00	to	183+75.00	55.11	96.44	38.58
183+75.00	to	189+50.00	255.56	447.22	178.88
189+50.00	to	195+00.00	244.44	427.78	171.10
195+00.00	to	200+75.00	255.56	447.22	178.88
200+75.00	to	203+30.00	113.33	198.33	79.33
TOTAL =			2123	3715	1486

MAINLINE RESURFACING SCHEDULE
(SAFETY AREA 2)

LOCATION			BIT. MAT'L PRIME COAT	AGGREGATE PRIME COAT	LEVELING BINDER	HMA SURFACE COURSE	STRIP REFLECTIVE CRACK CONTROL	HMA SURFACE REMOVAL 1 1/2"
STA	to	STA	(TON)	(TON)	(TON)	(TON)	(FT)	(SQ YD)
179+10.00	to	180+10.00	0.18	0.86	12.13	24.27	200.00	244
180+10.00	to	181+85.00	0.36	1.72	24.09	48.18	350.00	428
181+85.00	to	183+75.00	0.44	2.10	29.26	58.52	380.00	464
183+75.00	to	189+50.00	1.32	6.32	88.55	177.1	1150.00	1406
189+50.00	to	195+00.00	1.26	6.06	84.70	169.4	1100.00	1344
195+00.00	to	200+55.00	1.28	6.10	85.47	170.94	1110.00	1357
200+55.00	to	202+30.00	0.36	1.72	24.09	48.18	350.00	428
202+30.00	to	203+30.00	0.18	0.86	12.13	24.27	200.00	244
TOTAL =			5.4	26.0	361	721	4840	5915

EARTHWORK SCHEDULE
(SAFETY AREA 2)

STA	to	STA	UNADJUSTED EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
179+10.00	to	180+00.00	116.2	87.2	4.6	82.6
180+00.00	to	181+00.00	139.2	104.4	13.1	91.3
181+00.00	to	183+00.00	309.8	232.4	59.6	172.8
183+00.00	to	184+00.00	164.0	123.0	31.7	91.3
184+00.00	to	185+00.00	166.1	124.6	28.9	95.7
185+00.00	to	186+00.00	183.2	137.4	21.1	116.3
186+00.00	to	187+00.00	188.9	141.7	18.8	122.9
187+00.00	to	188+00.00	208.2	156.2	25.3	130.9
188+00.00	to	189+00.00	224.2	168.2	32.0	136.2
189+00.00	to	190+00.00	442.4	331.8	58.1	273.7
190+00.00	to	191+00.00	206.6	155.0	34.8	120.2
191+00.00	to	192+00.00	199.6	149.7	31.6	118.1
192+00.00	to	193+00.00	195.9	146.9	26.4	120.5
193+00.00	to	194+00.00	208.7	156.5	27.7	126.8
194+00.00	to	195+00.00	217.2	162.9	30.7	132.2
195+00.00	to	196+00.00	234.8	176.1	39.6	136.5
196+00.00	to	197+00.00	277.3	208.0	44.2	163.8
197+00.00	to	198+00.00	300.5	225.4	47.1	178.3
198+00.00	to	199+00.00	260.9	195.7	41.3	154.4
199+00.00	to	200+00.00	191.3	143.5	28.6	114.9
200+00.00	to	201+00.00	152.3	114.2	49.3	64.9
201+00.00	to	202+00.00	133.4	100.1	67.5	32.6
202+00.00	to	203+00.00	112.5	84.4	91.2	-6.8
203+00.00	to	203+30.00	15.3	11.5	17.7	-6.2
SUB-TOTAL =			4848.5	3636.8	870.9	2765.9
ROUNDED TOTAL =			4849	3637	871	2766

EROSION CONTROL SCHEDULE
(SAFETY AREA 2)

LOCATION			TEMP. EROSION CONTROL SEEDING (lb)	SEEDING CL 2A (ac)	NITROGEN FERTILIZER NUTRIENT (lb)	PHOSPHORUS FERTILIZER NUTRIENT (lb)	POTASSIUM FERTILIZER NUTRIENT (lb)	MULCH METHOD 2 (ac)
STA	to	STA						
178+00	to	179+00						
179+00	to	180+00	10.5	0.04	3.1	3.1	3.1	0.04
180+00	to	181+00	10.8	0.04	3.2	3.2	3.2	0.04
181+00	to	182+00	6.0	0.02	1.7	1.7	1.7	0.02
182+00	to	183+00	6.9	0.03	2.0	2.0	2.0	0.03
183+00	to	184+00	11.7	0.04	3.5	3.5	3.5	0.04
184+00	to	185+00	12.0	0.04	3.5	3.5	3.5	0.04
185+00	to	186+00	14.4	0.05	4.3	4.3	4.3	0.05
186+00	to	187+00	17.4	0.06	5.2	5.2	5.2	0.06
187+00	to	188+00	18.6	0.07	5.6	5.6	5.6	0.07
188+00	to	189+00	18.9	0.07	5.6	5.6	5.6	0.07
189+00	to	190+00	19.8	0.07	5.9	5.9	5.9	0.07
190+00	to	191+00	20.4	0.07	6.0	6.0	6.0	0.07
191+00	to	192+00	20.1	0.07	6.0	6.0	6.0	0.07
192+00	to	193+00	18.3	0.07	5.5	5.5	5.5	0.07
193+00	to	194+00	20.7	0.07	6.2	6.2	6.2	0.07
194+00	to	195+00	22.8	0.08	6.8	6.8	6.8	0.08
195+00	to	196+00	26.4	0.09	7.9	7.9	7.9	0.09
196+00	to	197+00	31.5	0.11	9.4	9.4	9.4	0.11
197+00	to	198+00	32.7	0.11	9.8	9.8	9.8	0.11
198+00	to	199+00	28.5	0.10	8.5	8.5	8.5	0.1
199+00	to	200+00	22.5	0.08	6.7	6.7	6.7	0.08
200+00	to	201+00	19.8	0.07	5.9	5.9	5.9	0.07
201+00	to	202+00	19.8	0.07	5.9	5.9	5.9	0.07
202+00	to	203+00	26.4	0.09	7.9	7.9	7.9	0.09
203+00	to	203+30	4.8	0.02	1.4	1.4	1.4	0.02
TOTAL =			462	1.5	138	138	138	1.50

PERIMETER EROSION CONTROL SCHEDULE
(SAFETY AREA 2)

LOCATION			RT/LT	PERIMETER EROSION CONTROL BARRIER
STA	to	STA		
180+15	to	182+20	LT	205
182+55	to	185+00	LT	245
199+00	to	203+30	RT	430
201+00	to	203+30	LT	230
TOTAL				1110

DRAINAGE ITEMS SCHEDULE
(SAFETY AREA 2)

LOCATION			INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECK
STA	to	STA		
179+10	to	183+75		
183+75	to	189+50	4	2
189+50	to	195+00	6	2
195+00	to	200+75	4	2
200+75	to	203+30		
TOTAL			14	6

ENTRANCE SCHEDULE
(SAFETY AREA 2)

LOCATION	LT./RT.	TYPE	EXISTING SURFACE	LENGTH FEET	AREA	DRIVEWAY PAVEMENT REMOVAL	INCIDENTAL HMA SURFACING	AGGREGATE BASE CRSE TYPE B	COMMENTS
STATION					SQ YD	SQ YD	TON	TON	
180+09.83	LT	FIELD	HMA	9	17.55	30	2	6.14	
183+32.26	RT	PRIVATE	HMA	12.5	29.44	83	3	10.30	
186+04.82	RT	PRIVATE	HMA	3	5.77	25	1	2.02	
186+35.73	LT	FIELD	AGGREGATE	17	38.77			18.09	
186+58.89	RT	PRIVATE	HMA	4	6.77	26	1	2.37	
188+23.48	RT	PRIVATE	HMA	5	8.67	28	1	3.03	
189+34.62	RT	PRIVATE	HMA	3.5	6.03	26	1	2.11	
190+36.51	RT	PRIVATE	HMA	4.5	12.22	38	1	4.28	
191+38.99	RT	PRIVATE	HMA	6	17	46	2	5.95	
192+01.36	RT	PRIVATE	HMA	5.5	14.77	46	2	5.17	
193+09.86	RT	PRIVATE	HMA	4.5	6.67	25	1	2.33	
193+48.35	RT	COMM. ENT.	HMA	3	9.11	38	1	3.19	
194+64.32	LT	FIELD	AGGREGATE	17	38.77			18.09	
195+29.86	RT	PRIVATE	HMA	5	10.98	34	1	3.84	
196+75.55	LT	FIELD	AGGREGATE	17	38.77		4	18.09	
197+55.57	RT	FIELD	AGGREGATE	8	13.64	16	2	6.36	
198+95.64	RT	PRIVATE	HMA	8	12	34		4.20	
200+00.00	LT	FIELD	AGGREGATE	17	38.77			18.09	
200+55.63	RT	PRIVATE	HMA	6	14.55	42	2	5.09	
TOTALS						537	24	139	

PAVEMENT MARKING
(SAFETY AREA 2)

LOCATION			LENGTH	THERMOPLASTIC PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER		
				4"			12"	LETTERS & SYMBOLS	ONE WAY AMBER		TWO WAY AMBER		
				SOLID WHITE EDGE LINE	SKIP-DASH YELLOW CENTERLINE	SOLID DOUBLE YELLOW LINE - MEDIAN	SOLID YELLOW CENTER LINE	SOLID YELLOW DIAGONAL				LEFT TURN ARROW	
STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	EACH	
179+10	TO	183+75	465	930	97	1100	380	95	31.2	6	12	10	
183+75	TO	189+50	575	1150	288		1150		93.6	7		30	
189+50	TO	195+00	550	1100	275		1100		93.6	7		26	
195+00	TO	200+75	575	1150	288		1150		93.6	7		30	
200+75	TO	202+30	155	310	25	800	110	50		2	8	2	
SUB-TOTALS					4640	973	1900	3890	145	312	29	20	98
TOTALS					11403				145	312	29	118	

GUARDRAIL REMOVAL SCHEDULE
(SAFETY AREA 2)

LOCATION		STEEL PLATE BEAM GUARD RAIL, REMOVAL
STATION	OFFSET	FOOT
179+54	RT	230
180+67	LT	152
181+83	RT	35
182+17	RT	35
182+19	LT	102
182+52	LT	230
201+00	RT	118
201+76	LT	154
		1056

FILE NAME =	USER NAME = dintelmarjn	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct\pw_work\PWIDOT\DINTELMANJN\0153208	876d43-sht-plan.dgn	DRAWN - ---	REVISED - ---			327	17RS-3	MARION	96	19	
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - ---	REVISED - ---			CONTRACT NO. 76D42					
	PLOT DATE = 3/17/2010	DATE - ---	REVISED - ---			FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					

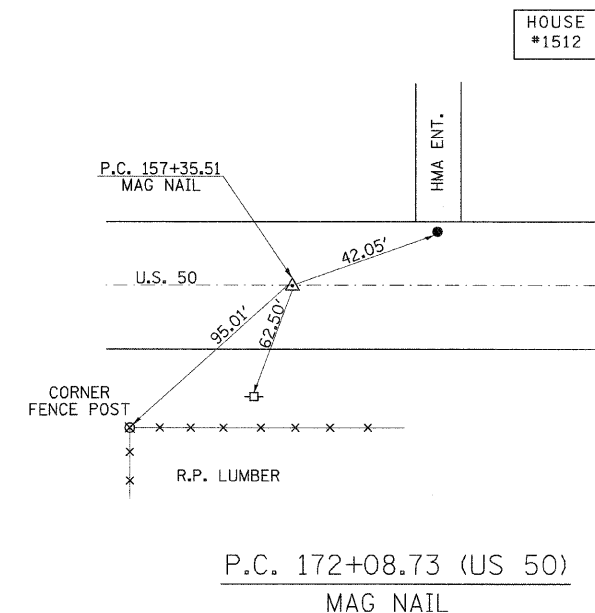
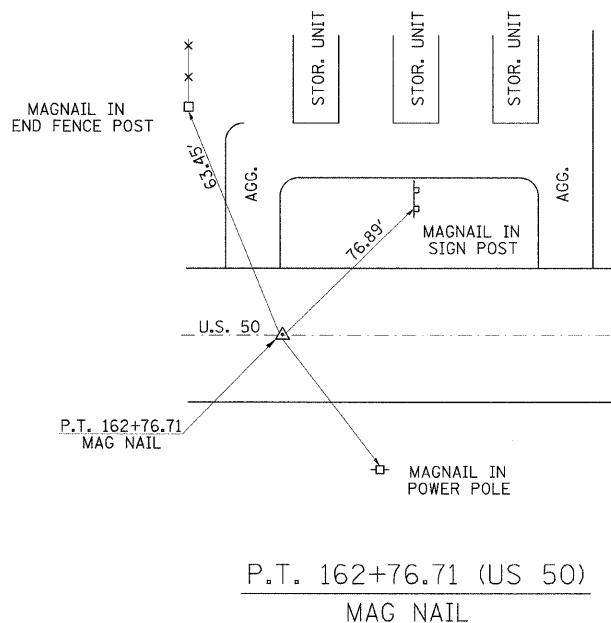
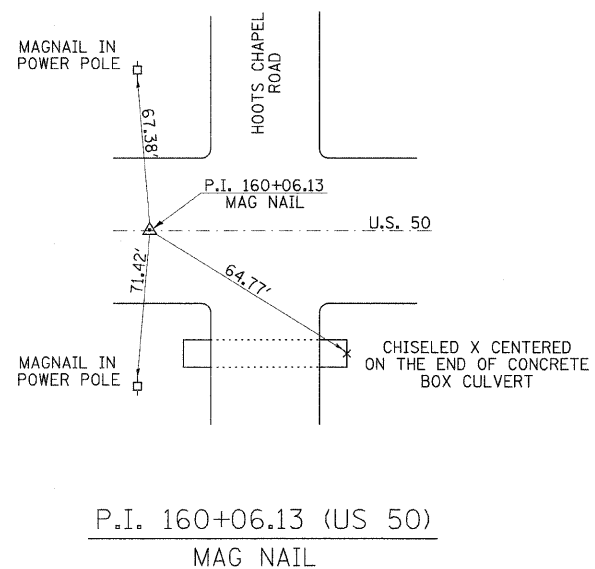
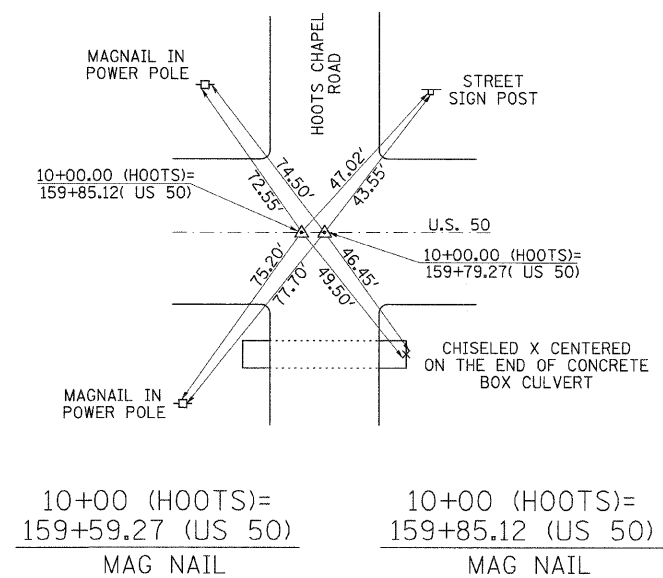
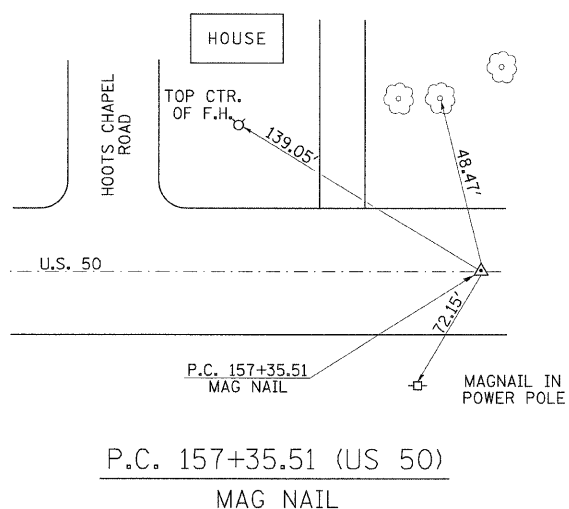
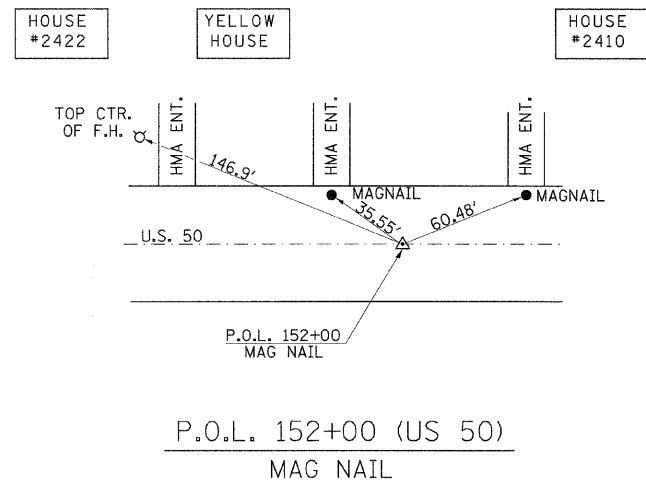
GUARDRAIL SCHEDULE
(SAFETY AREA 2)

LOCATION		STEEL PLATE BEAM GUARD RAIL, TYPE A	STEEL PLATE BEAM GUARD RAIL, TYPE B	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	TERMINAL MARKER DIRECTT APPLIED	GUARDRAIL MARKERS	REMARKS
STATION	OFFSET	FOOT	FOOT	FOOT	EACH	EACH	EACH	
179+46.5	RT				1	1		
179+96.5	RT	187.5					5	
180+69	LT				1	1		
181+19	LT	100					2	
181+84	RT			34				
182+19	LT			34				
182+18	RT	37.5					1	
182+53	LT	187.5					5	
183+05.5	RT				1	1		
184+90.5	LT				1	1		
200+92.5	RT				1	1		•
201+42.5	RT	162.5					5	•
201+80	LT				1	1		•
202+30	LT	75					2	•
203+05	RT		25				1	•
203+05	LT		25				1	•
		750.0	50.0	68	6	6	22	

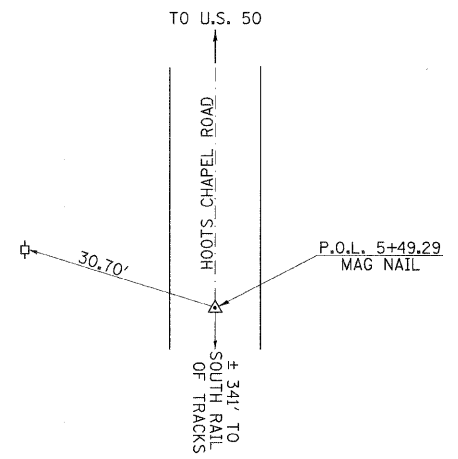
* STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINAL ITEMS INCLUDED IN THE PLANS SHALL COMPLY WITH THE DETAILS IN THE PLANS AND MANUFACTURER'S DETAILS IN ORDER TO MATCH THE EXISTING GUARDRAIL ELEMENTS THAT WERE ERECTED PRIOR TO JANUARY 1, 2007.

SIGN SCHEDULE
(SAFETY AREA 2)

LOCATION	OFFSET	SIGN	SIZE	POST	DESCRIPTION	SIGN PANEL		POST LENGTH
						TYPE 1	TYPE 2	
STATION						SO FT	SO FT	FT
174+00.00	20(RT)	R2-5	30" X 36"	WOOD	SPEED ZONE AHEAD	7.50		17
174+00.00		R2-I101	18" X 18"	WOOD	45 M.P.H.	2.25		
179+00.00	20(RT)	R2-1	24" X 30"	WOOD	SPEED LIMIT 45	5.00		16
179+00.00	20(LT)	R2-1	24" X 30"	WOOD	SPEED LIMIT 55	5.00		16
182+50.00	15(RT)	R3-9B	24" X 36"	WOOD	BI-DIRECTIONAL	6.00		19
192+50.00	15(RT)	R3-9B	24" X 36"	WOOD	BI-DIRECTIONAL	6.00		15
193+00.00	15(LT)	R3-9B	24" X 36"	WOOD	BI-DIRECTIONAL	6.00		20
201+30.00	15(LT)	R2-1	24" X 30"	WOOD	SPEED LIMIT 45	5.00		16
201+30.00	15(RT)	R2-1	24" X 30"	WOOD	SPEED LIMIT 55	5.00		16
203+00.00	15(LT)	R3-9B	24" X 36"	WOOD	BI-DIRECTIONAL	6.00		19
206+30.00	20(LT)	R2-5	30" X 36"	WOOD	SPEED ZONE AHEAD	7.50		17.5
206+30.00		R2-I101	18" X 18"	WOOD	45 M.P.H.	2.25		
TOTALS						64	0	172



FILE NAME =	USER NAME = dntelmarj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS & BENCHMARKS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwid\dn\telmarj\d0153208\76d43-shr-plan.dgn		DRAWN -	REVISED -					327	17RS-3	MARION	96	21
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -					CONTRACT NO. 76D42				
PLOT DATE = 3/15/2010		DATE -	REVISED -					FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
								SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____		



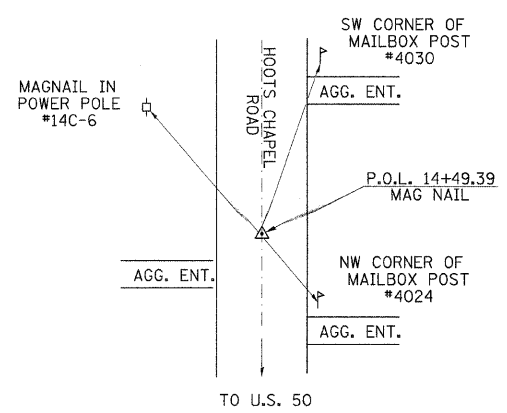
P.O.L. 5+49.29 (HOOTS CHAPEL)
MAG NAIL

BENCH MARKS

BM#250: CHISELED CENTERED ON TOP OF THE N. CONCRETE BRIDGE CURB FOR SN: 061-0066 ELEVATION = 527.907'

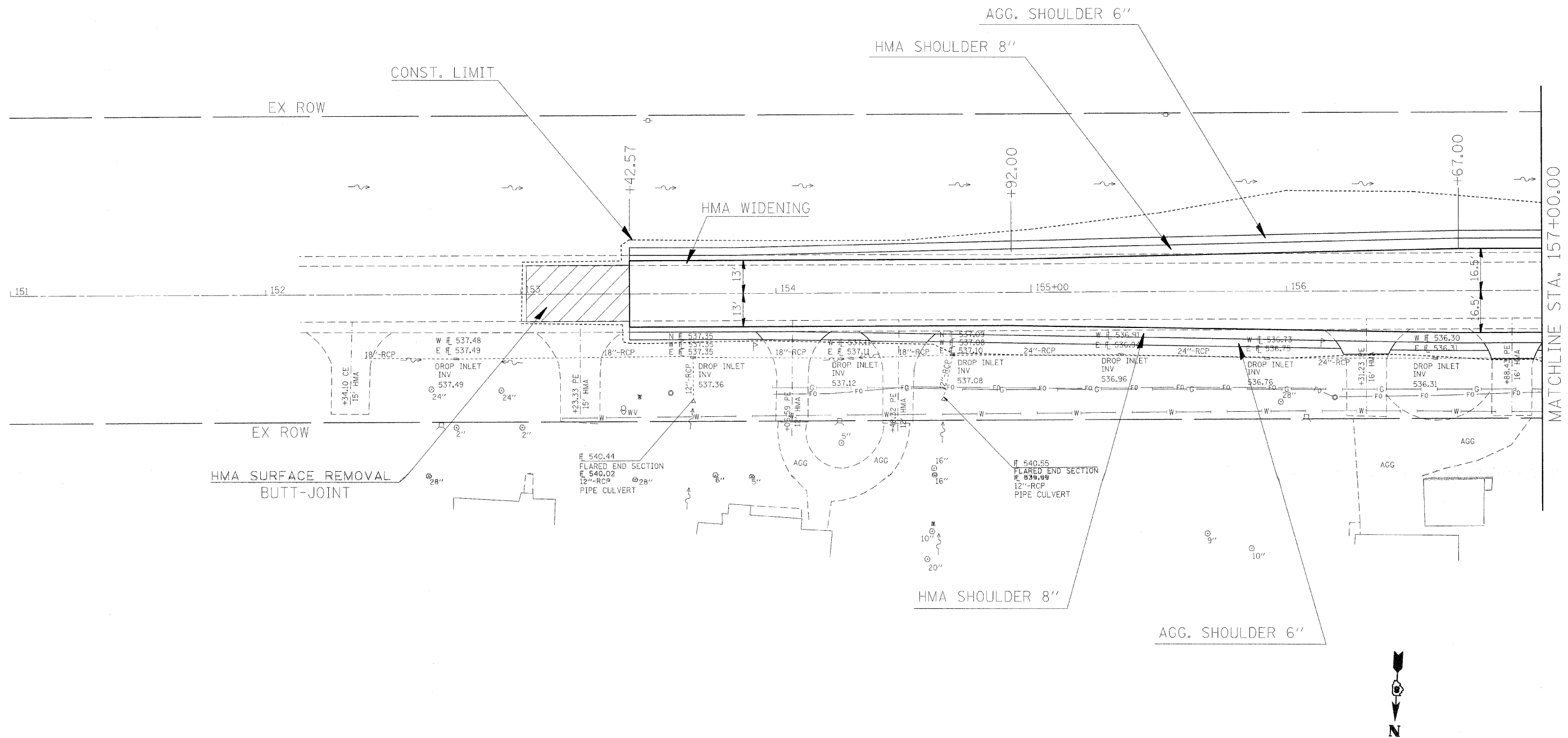
BM#251: CHISELED CENTERED ON TOP OF THE NE. WINGWALL OF BRIDGE SN: 061-2008 ELEVATION = 530.207'

BM#252: RR SPIKE DRIVEN 1' ABOVE GROUND LEVEL ON THE SOUTH SIDE OF A POWER POLE LOCATED IN THE NW QUADRANT OF THE INTERSECTION OF U.S. 50 AND HOOTS CHAPEL RD SN: 061-2008 ELEVATION = 530.207'



P.O.L. 14+49.39 (HOOTS CHAPEL)
MAG NAIL

FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS & BENCHMARKS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\psidot\dintelmanjn\d0153208\875d43-sht-plan.dgn	DRAWN -	REVISOR -	327			17RS-3	MARION	96	22	
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISOR -	CONTRACT NO. 76D42							
PLOT DATE = 3/16/2010	DATE -	REVISOR -	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

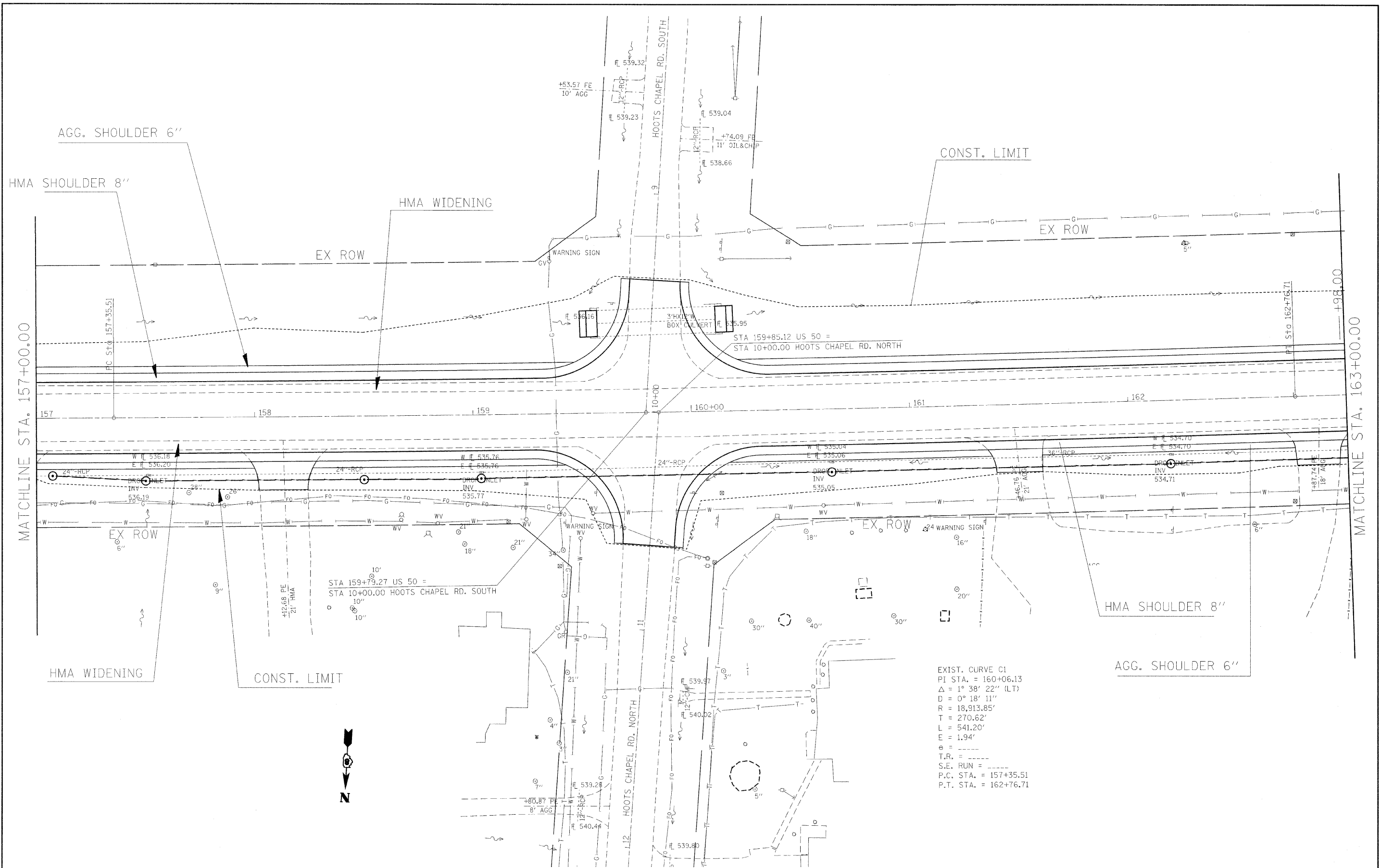


MATCHLINE STA. 157+00.00



FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS (SAFETY AREA 1)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwwork\pwwork\dintelmanjn\d0153338\87642-ht-plan.dgn	DRAWN -	REVISED -	327			17RS-3	MARION	96	23	
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76D42							
PLOT DATE = 3/16/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SCALE: 1"=20' SHEET NO. ___ OF ___ SHEETS STA. 153+42.57 TO STA. 157+00.00



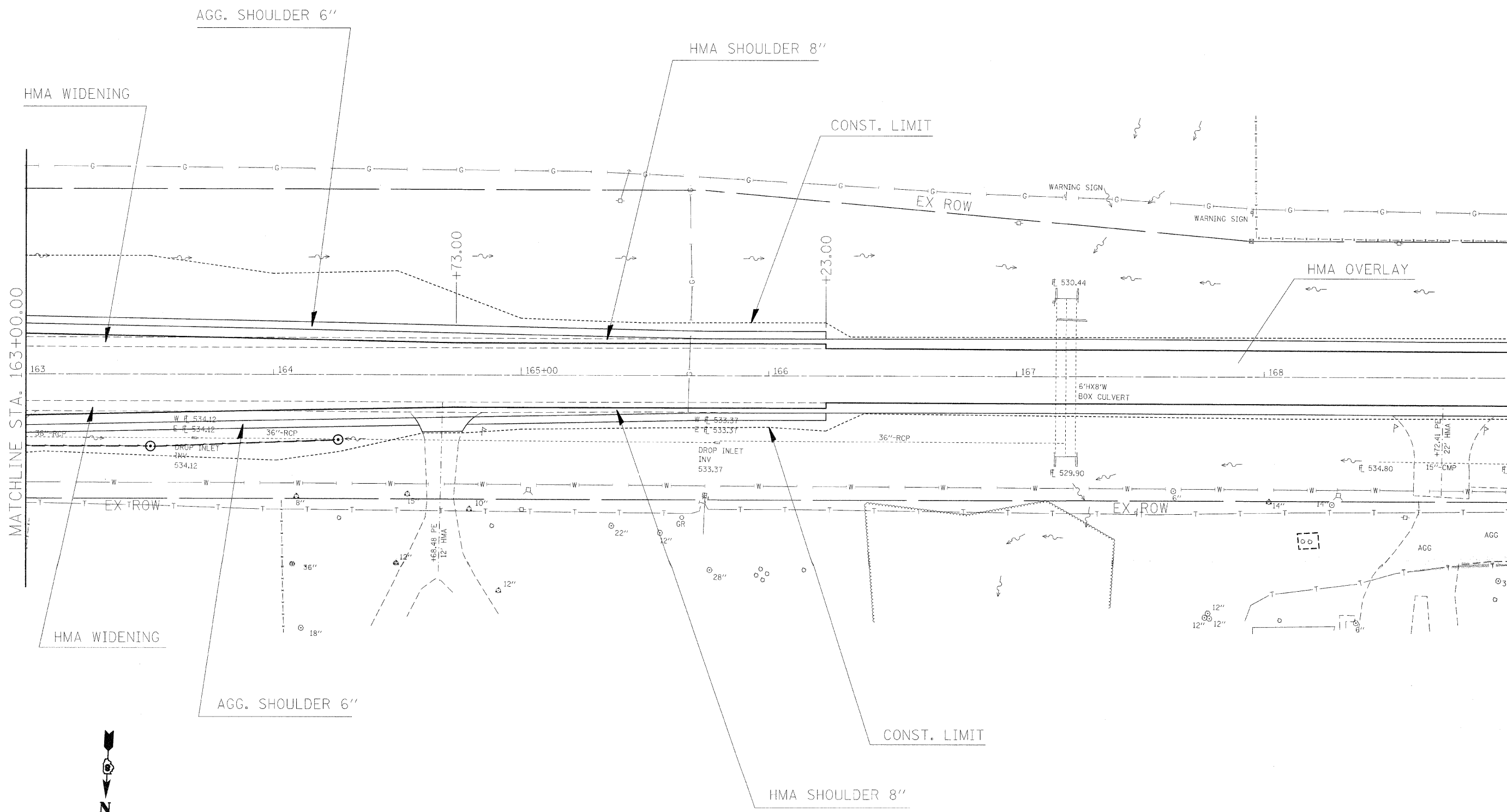
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PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/16/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

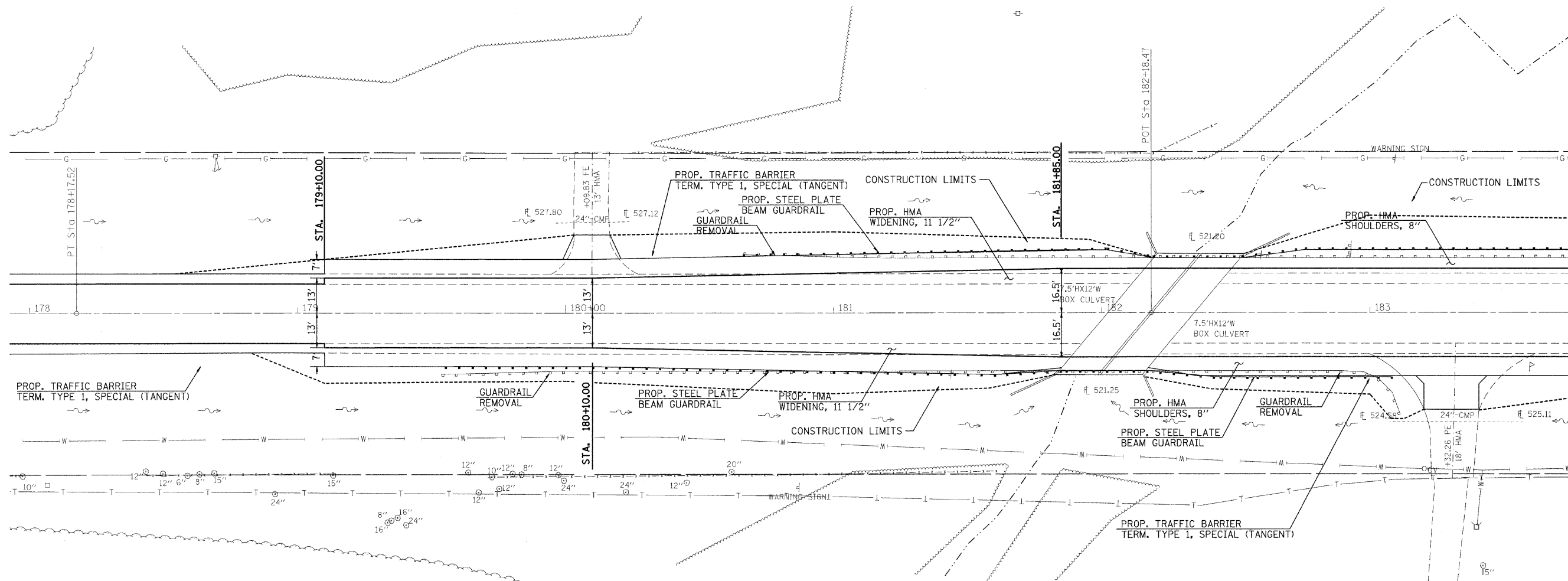
PLAN SHEETS (SAFETY AREA 1)

SCALE: 1"=20' SHEET NO. ___ OF ___ SHEETS STA. 157+00.00 TO STA. 163+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	24
CONTRACT NO. 76D42				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = dntelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS (SAFETY AREA 1)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwwork\pwwork\dntelmanjn\d0153330\376342-sht-plan.dgn	PLOT SCALE = 28,0000' / IN.	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. ___ OF ___ SHEETS	STA. 163+00.00 TO STA. 166+23.07	327	17RS-3	MARION	96	25
	PLOT DATE = 3/16/2010	CHECKED -	REVISED -								CONTRACT NO. 76D42	
		DATE -	REVISED -								FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT	



MATCHLINE 183+75.00

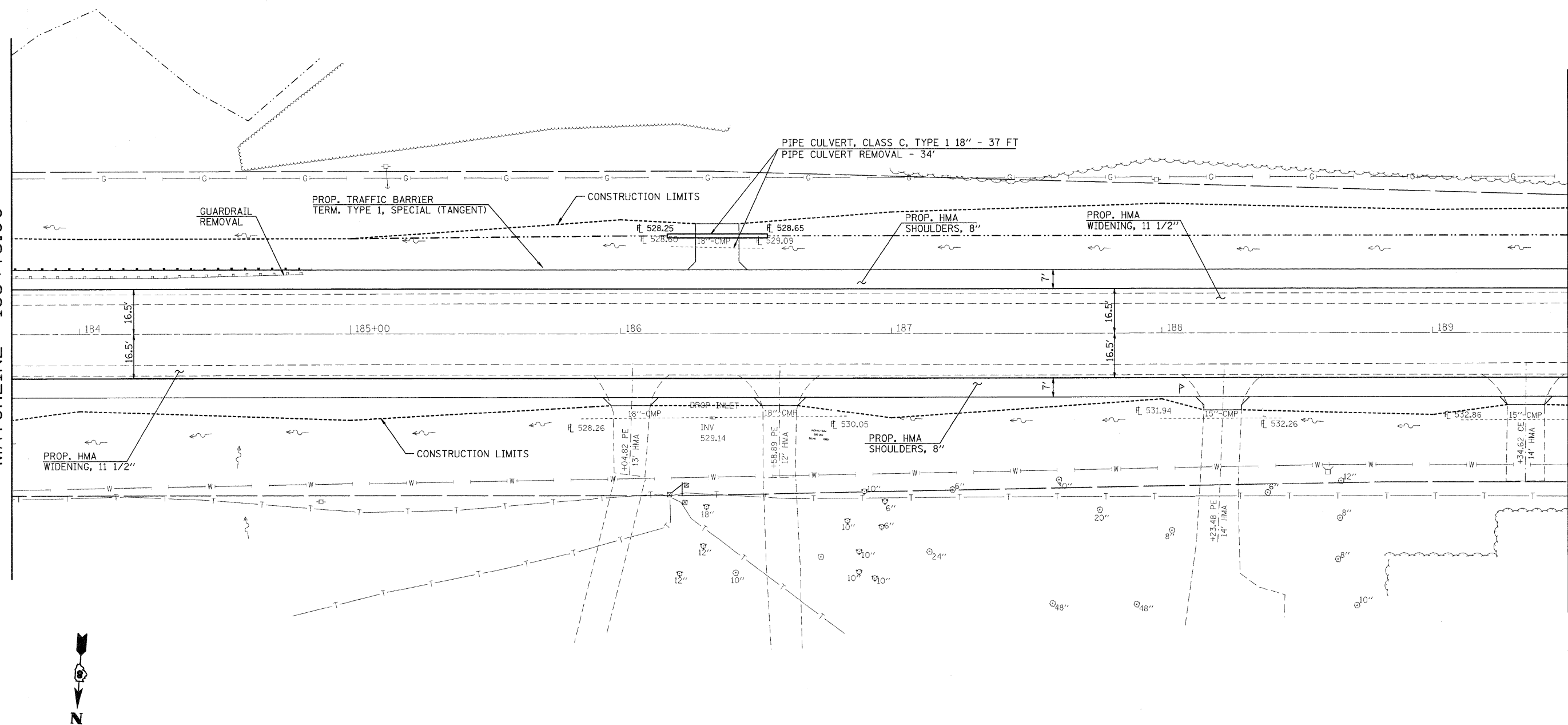


FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 3/16/2010	CHECKED -	REVISED -			CONTRACT NO. 76D42					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. 179+10.00 TO STA. 183+75.00

MATCHLINE 183+75.00

MATCHLINE 189+50.00



FILE NAME =	USER NAME = dntelmanjn	DESIGNED -	REVISED -
et\pw\work\p\dot\dntelmanjn\d0153208\7643-sht-plan.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/18/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET (SAFETY AREA 2)

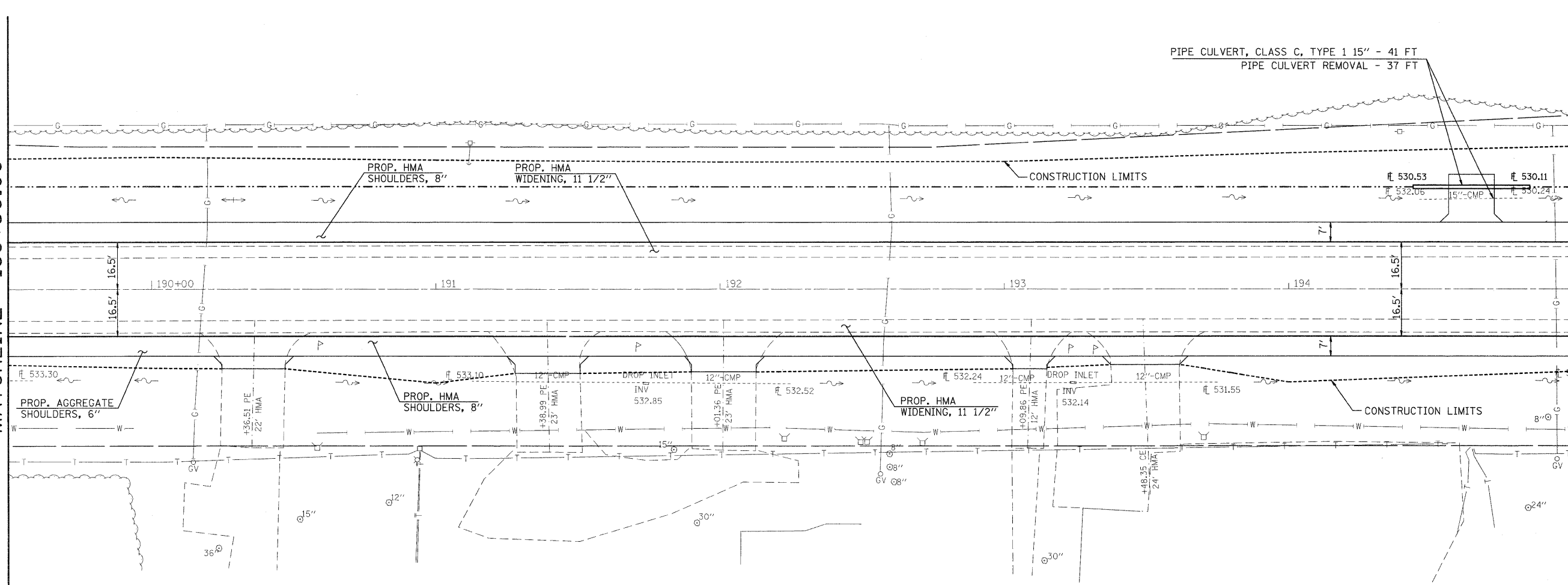
SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. 183+75.00 TO STA. 189+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	27
CONTRACT NO. 76D42				

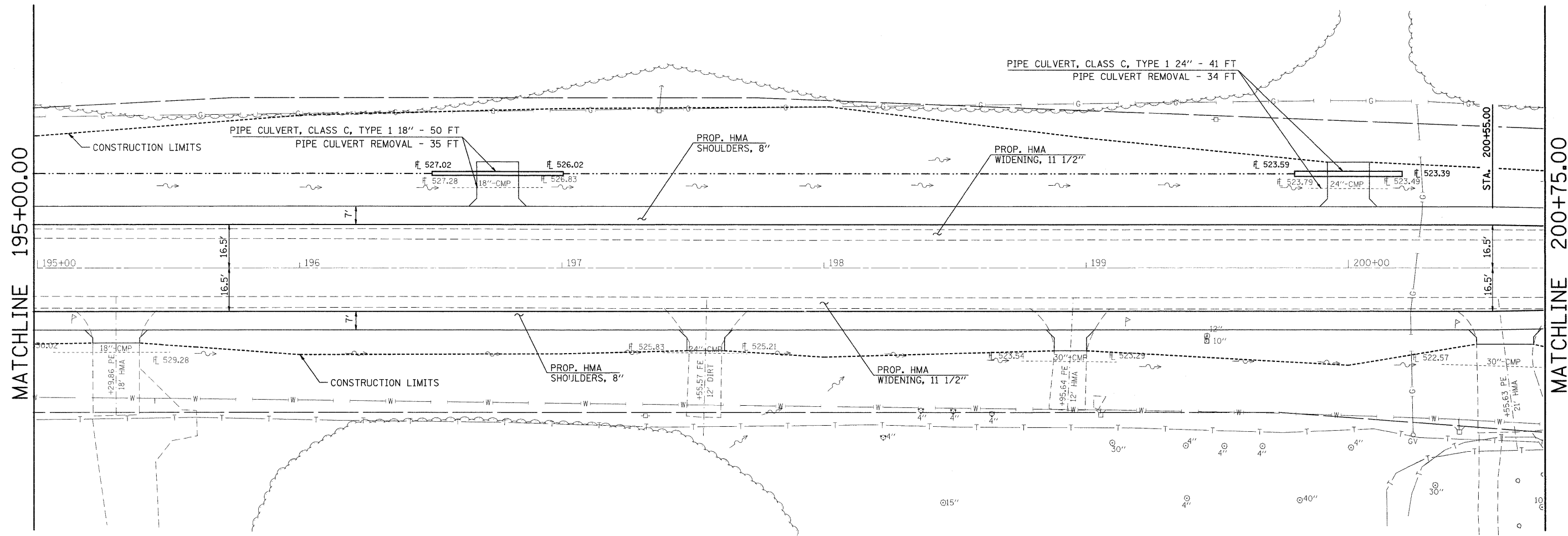
ILLINOIS FED. AID PROJECT

MATCHLINE 189+50.00

MATCHLINE 195+00.00



FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 3/18/2010	DATE -	CHECKED -	REVISD -			CONTRACT NO. 76D42					
						ILLINOIS FED. AID PROJECT					
SCALE: 1" = 20'						SHEET NO. ___ OF ___ SHEETS		STA. 189+50.00 TO STA. 195+00.00			



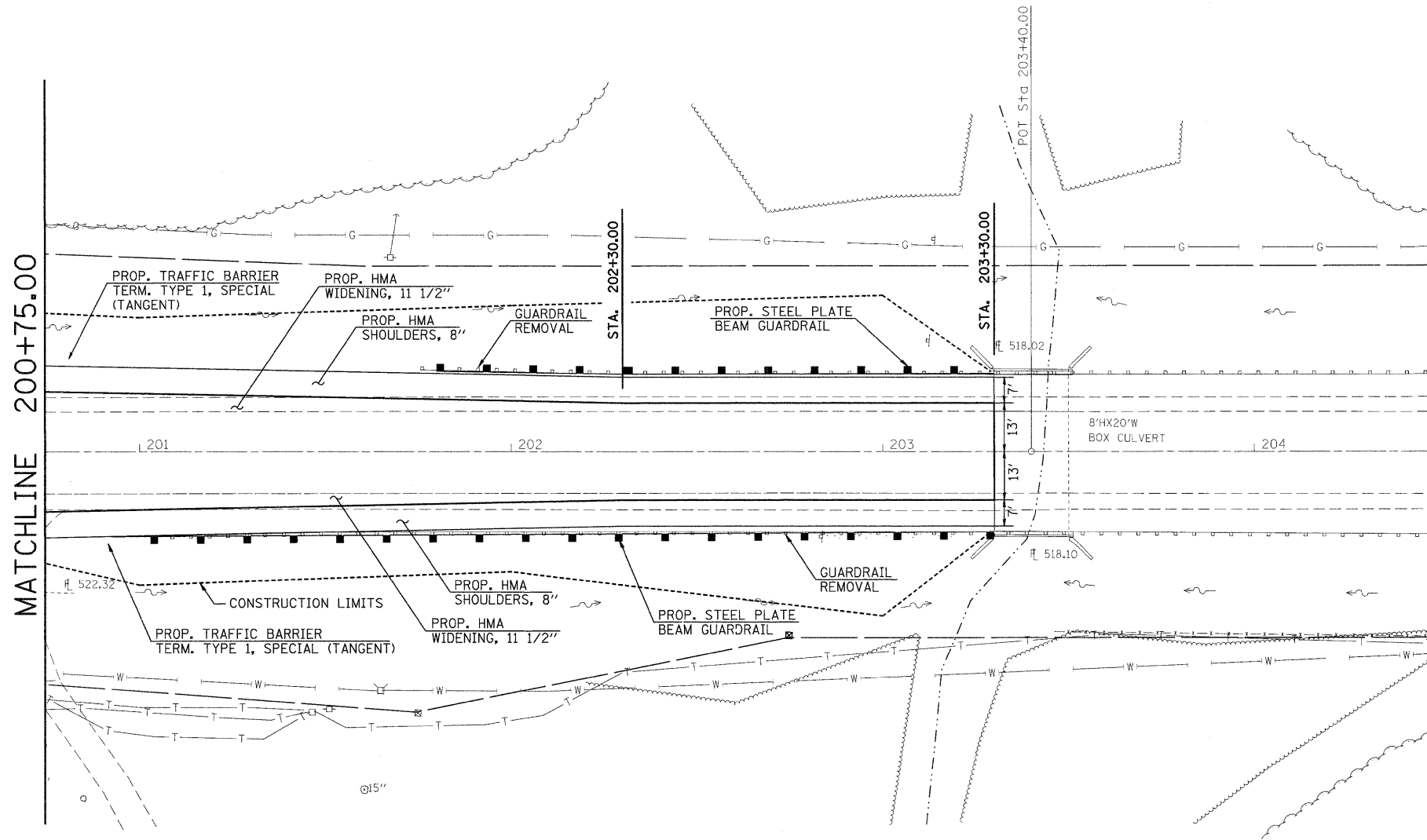
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PLOT DATE = 3/18/2010		DATE -	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET (SAFETY AREA 2)

SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. 195+00.00 TO STA. 200+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	29
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET (SAFETY AREA 2)

FILE NAME =
c:\pw_work\p\dot\dintelman\j\d0153208\76d43-sht-plan.dgn

USER NAME = dintelman.jn
76d43-sht-plan.dgn
PLOT SCALE = 20,0000' / IN.
PLOT DATE = 3/18/2010

DESIGNED -
DRAWN -
CHECKED -
DATE -

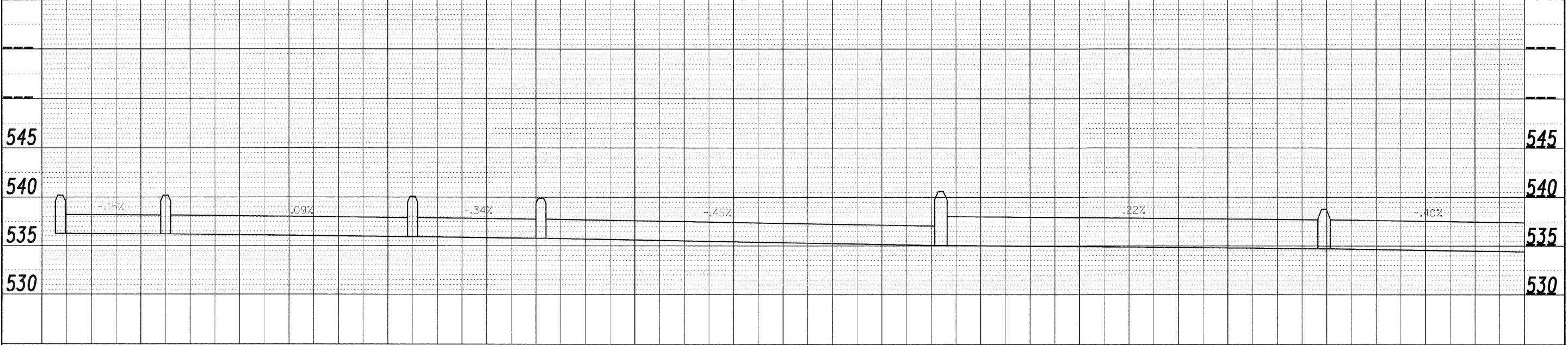
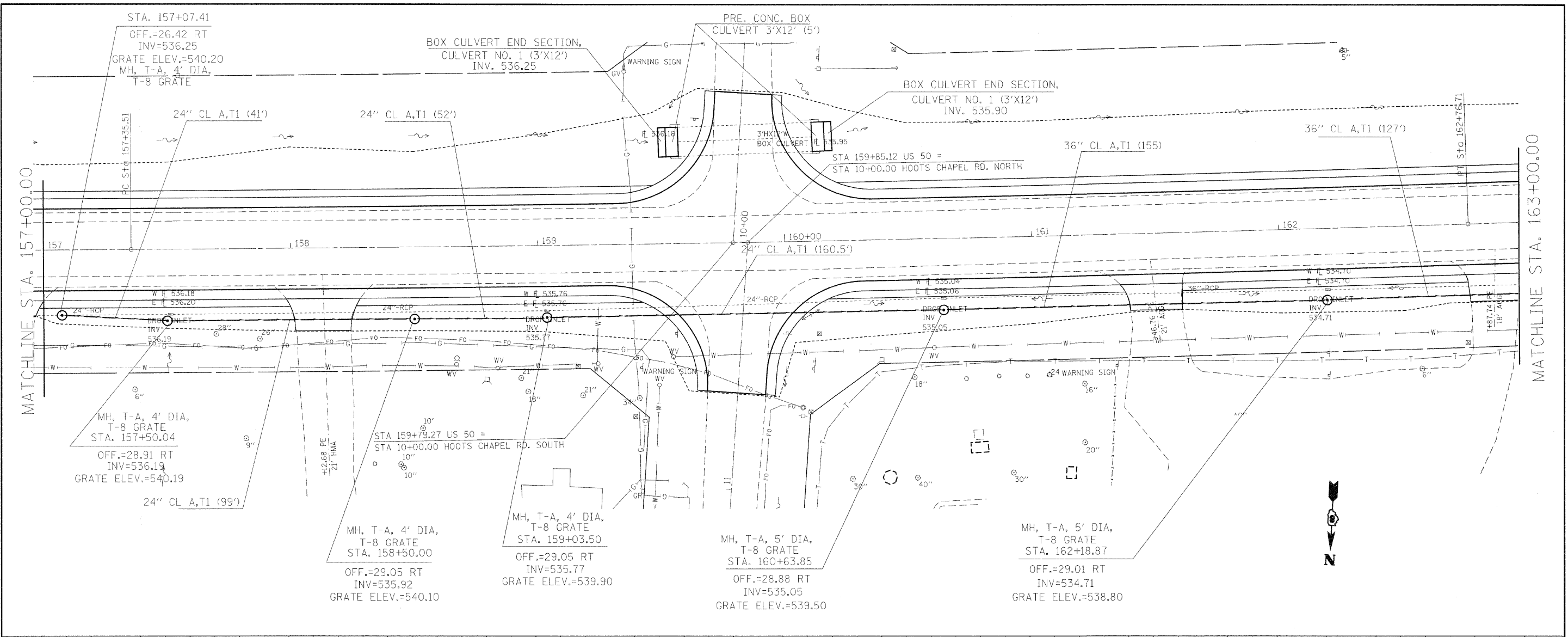
REVISED -
REVISED -
REVISED -
REVISED -

SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. 200+75.00 TO STA. 203+30.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	30
				CONTRACT NO. 76D42
ILLINOIS FED. AID PROJECT				

DATE	BY
PLANNING	
DESIGN	
CONSTRUCTION	
OPERATION	

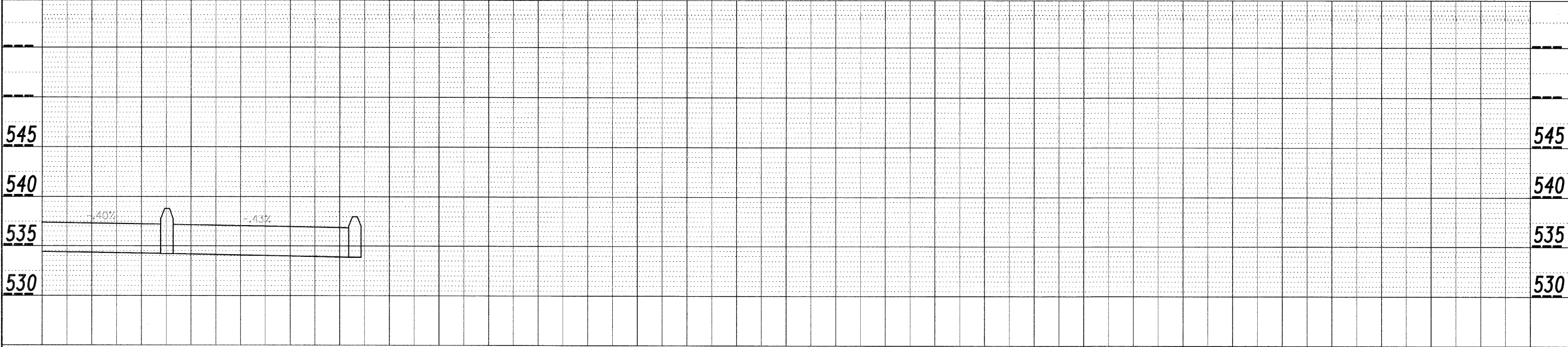
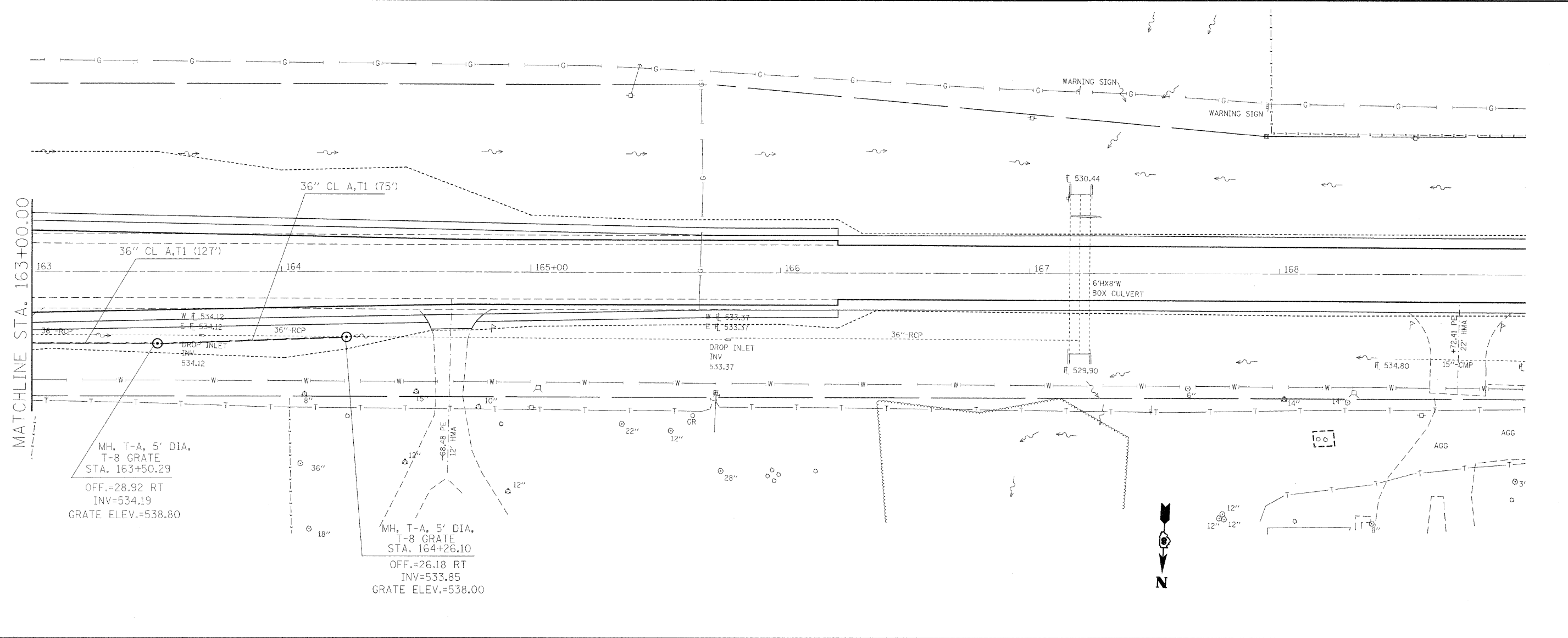
DATE	BY
PROFILING	
DESIGN	
CONSTRUCTION	
OPERATION	



FILE NAME =	USER NAME = dnstelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM SEWER SHEETS (SAFETY AREA 1) SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 157+00 TO STA. 163+00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PROJECT WORK \p\d\dot\dnstelmanjn\dl\0153336\dl\0153336.dwg	6d42-shtr-plan.dgn	CHECKED -	REVISED -			327	17-1-1, 17-1-2	MARION	96	31	
PLOT SCALE = 20,0000' / IN.		DRAWN -	REVISED -			CONTRACT NO. 76D42					
PLOT DATE = 3/15/2010		CHECKED -	REVISED -			FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT					

DATE: _____ BY: _____
 SURVEYED: _____ CHECKED: _____
 PLAN NOTE BOOK NO. _____ ALIGNMENT CHECKED: _____
 NO. _____ ROAD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____ CHECKED: _____
 PROFILE NOTE BOOK NO. _____ GRADES CHECKED: _____
 NO. _____ STRUCTURE NOTATIONS OK'D: _____



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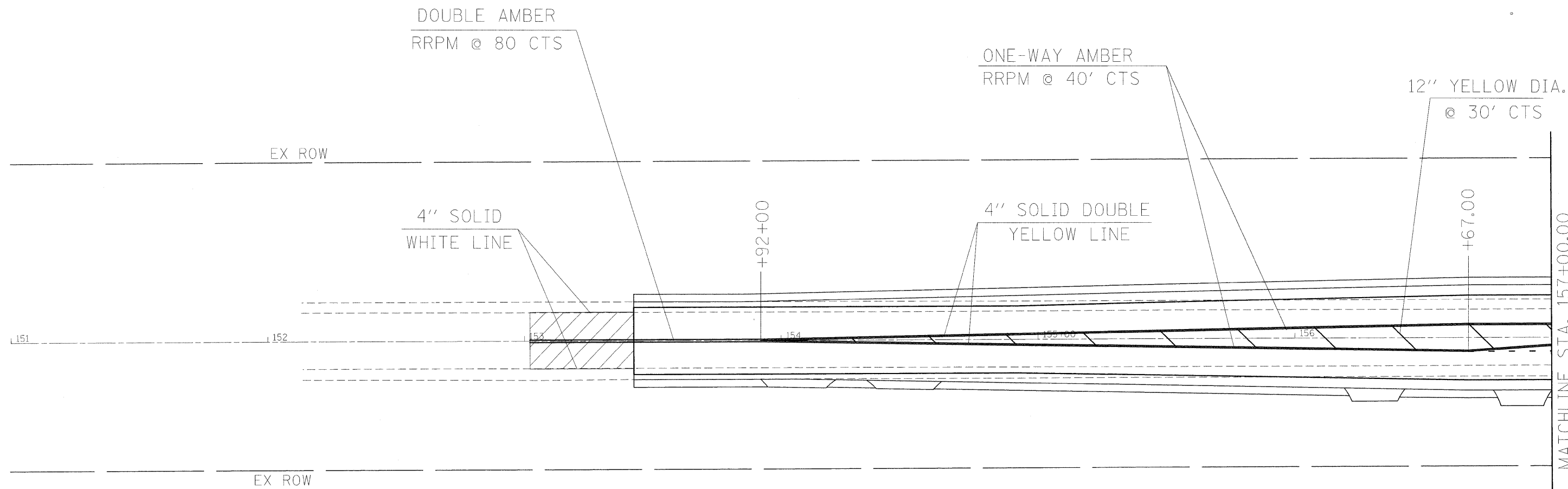
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM SEWER SHEETS (SAFETY AREA 1)

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. 163+00 TO STA. 166+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	32
CONTRACT NO. 76D42				

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



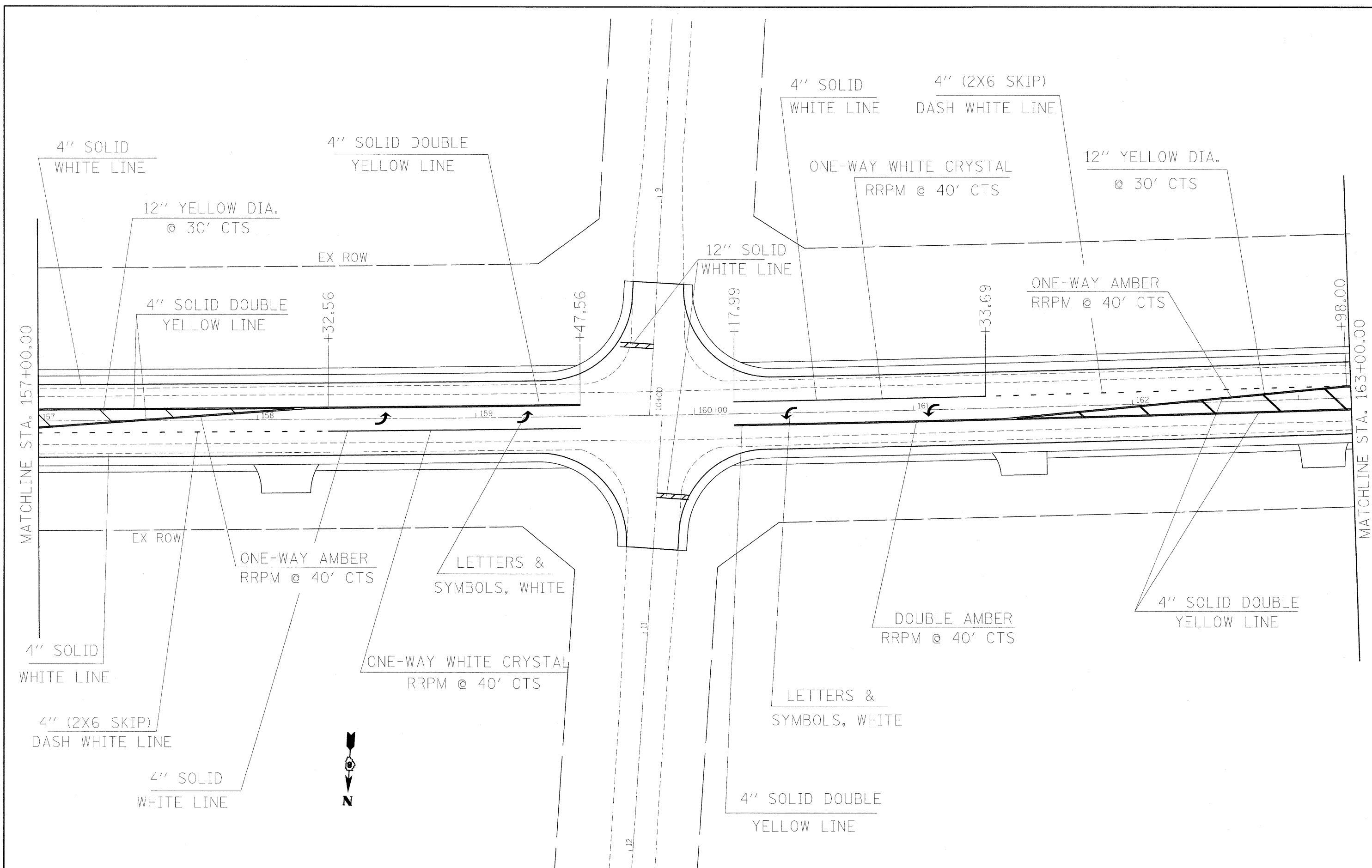
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	PLOT SCALE = 20,000' / IN.	CHECKED -	REVISD -
	PLOT DATE = 3/26/2010	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

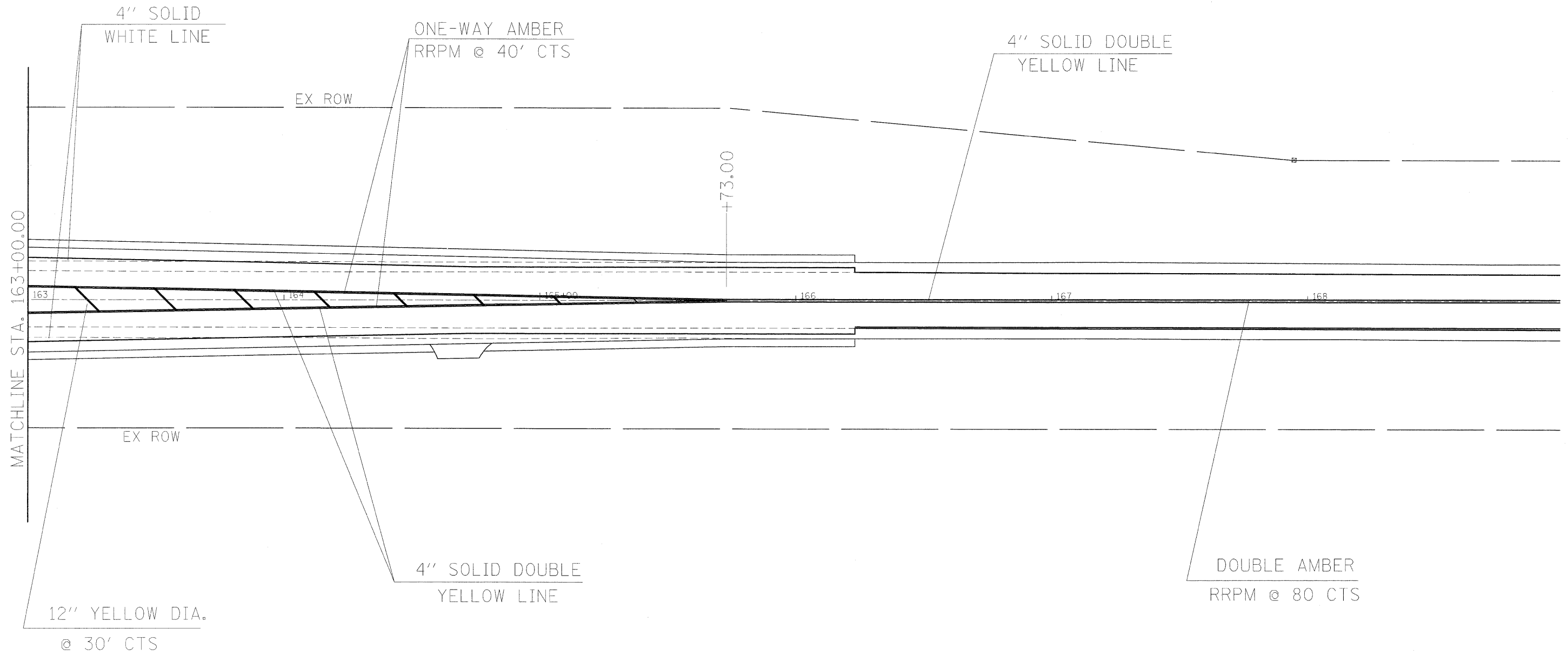
PAVEMENT MARKING (SAFETY AREA 1)

SCALE: 1"=20' SHEET NO. ___ OF ___ SHEETS STA. 153+42.57 TO STA. 157+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	33
CONTRACT NO. 76D42				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				

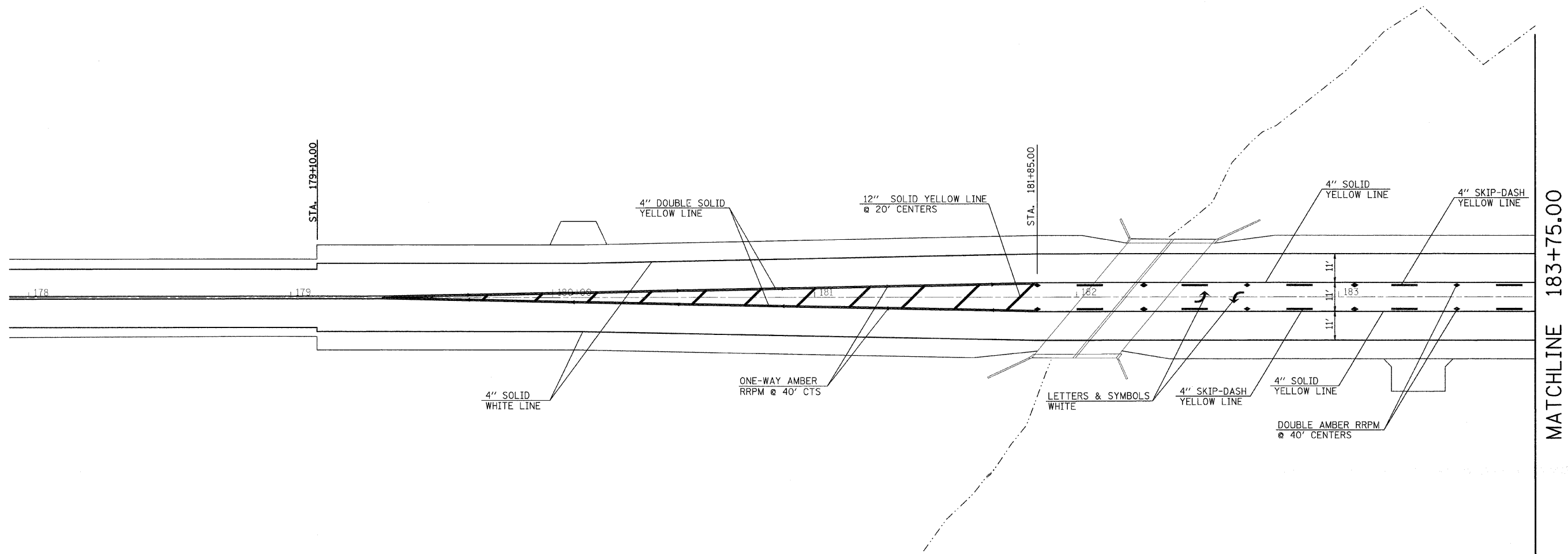


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	PLOT SCALE = 20,000' / IN. PLOT DATE = 3/26/2010	DRAWN - ---	REVISED - ---			CHECKED - ---	REVISED - ---	SCALE: 1"=20' SHEET NO. ___ OF ___ SHEETS STA. 157+00.00 TO STA. 163+00.00	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT CONTRACT NO. 76D42	



NOTE: DOUBLE YELLOW CENTER LINE CONTINUES TO STA. 179+00.

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PLOT SCALE = 20,0000' / IN.	CHECKED - ---	REVISED - ---	SCALE: 1"=20'			SHEET NO. ___ OF ___ SHEETS	STA. 163+00.00 TO STA. 166+23.07	CONTRACT NO. 76D42				
PLOT DATE = 3/26/2010	DATE - -----	REVISED - ---	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT									

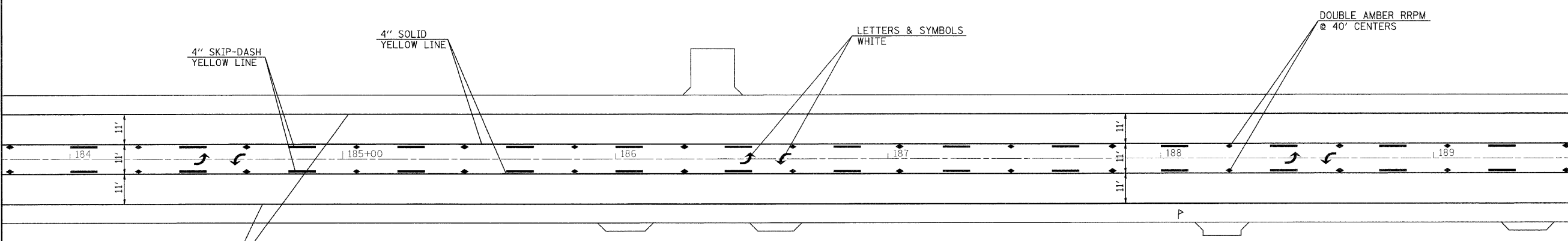


MATCHLINE 183+75.00

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	PLOT SCALE = 20.0000' / 1"	CHECKED - ---	REVISED - ---			SCALE: 1" = 20'	SHEET NO. ___ OF ___ SHEETS	STA. 179+10.00 TO STA. 183+75.00	ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/16/2010	DATE - ---	REVISED - ---			CONTRACT NO. 76D42							

MATCHLINE 183+75.00

MATCHLINE 189+50.00



FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISD -
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	PLOT DATE = 3/16/2012	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

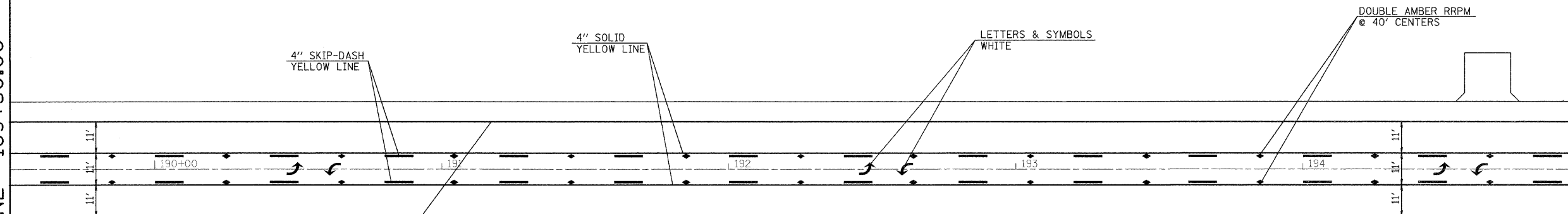
PAVEMENT MARKING (SAFETY AREA 2)

SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. 183+75.00 TO STA. 189+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	37
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

MATCHLINE 189+50.00

MATCHLINE 195+00.00



4" SKIP-DASH
YELLOW LINE

4" SOLID
YELLOW LINE

LETTERS & SYMBOLS
WHITE

DOUBLE AMBER RRPM
@ 40' CENTERS

4" SOLID
WHITE LINE



FILE NAME =	USER NAME = dntelmajn	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or\pwork\pwidot\dntelmajn\ad0153208\76d43-shr-plan.dgn	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISD -			327	17RS-3	MARION	96	38	
	PLOT DATE = 3/16/2010	CHECKED -	REVISD -			CONTRACT NO. 76D42					
		DATE -	REVISD -			ILLINOIS FED. AID PROJECT					
SCALE: 1" = 20'						SHEET NO. ___ OF ___ SHEETS		STA. 189+50.00 TO STA. 195+00.00			

MATCHLINE 195+00.00

MATCHLINE 200+75.00

DOUBLE AMBER RRPM
@ 40' CENTERS

4" SKIP-DASH
YELLOW LINE

4" SOLID
YELLOW LINE

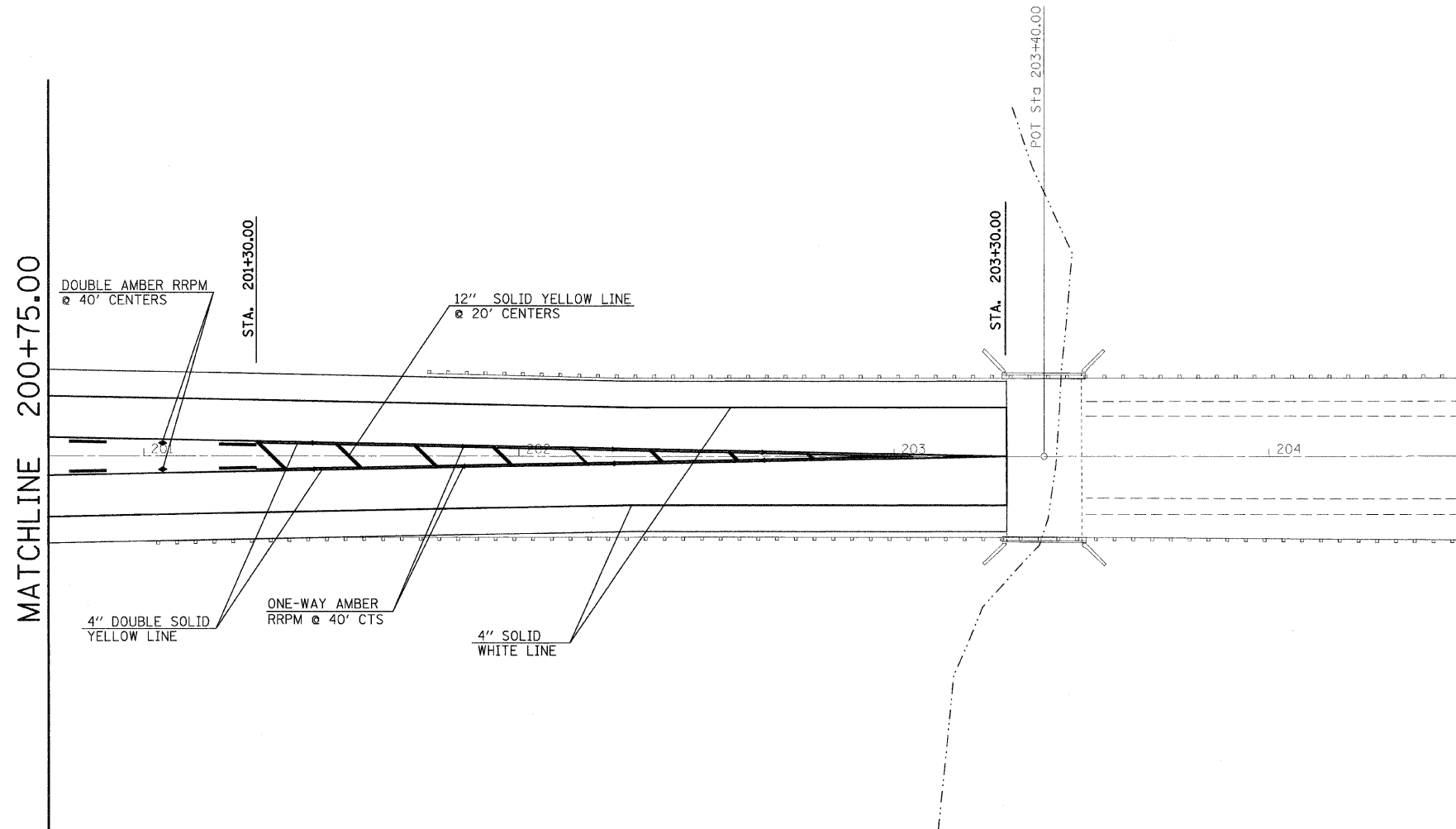
LETTERS & SYMBOLS
WHITE

4" SOLID
WHITE LINE

STA. 200+55.00



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	PLOT SCALE = 20.0000 ' / IN.	DRAWN - ---	REVISED - ---			327	17RS-3	MARION	96	39
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		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 20'		SHEET NO. ___ OF ___ SHEETS		STA. 195+00.00 TO STA. 200+75.00		



FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1" = 20'		SHEET NO. ___ OF ___ SHEETS		STA. 200+75.00 TO STA. 203+30.00			

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE
 PRINT NAME
 DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER
 TITLE
 IL DEPT. OF TRANSPORTATION
 AGENCY

Mary C. Lamie
 SIGNATURE
 3-17-10
 DATE

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED LEFT TURN LANE AT HOOTS CHAPEL ROAD (EAST&WESTBOUND), AND PROPOSED BI-DIRECTIONAL LANE FROM TURKEY CREEK TO .5 MILE EAST OF WEST LINE ROAD.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL INCLUDE WIDENING OF US 50, PROPOSED HMA SHOULDER CONSTRUCTION, AGGREGATE SHOULDER CONSTRUCTION, STORM SEWER CONSTRUCTION, DITCH GRADING, PAVEMENT MARKING, AND ALL OTHER COLLATERAL WORK.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

STAGE 1: REMOVAL OF EXISTING SHOULDERS ADJACENT TO PROPOSED PAVEMENT WIDENING.

STAGE 2: CONSTRUCTION OF PAVEMENT WIDENING, HMA SHOULDERS, AND AGGREGATE SHOULDERS.

STAGE 3: FINAL GRADING AND STORM SEWER INSTALLATION.

STAGE 4: INSTALLATION OF PAVEMENT MARKING.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 6.24 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 3.70 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: .64

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIIVITY:

THREE SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA OF THE IL ROUTE 59 BRIDGE REPLACEMENT OVER THE DUPAGE RIVER. THESE ARE:

BLOUNT SILT LOAM (23B) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND FOUR PERCENT.

STARKS SILT LOAM (132A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE TO MODERATELY RAPID PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND FOUR PERCENT.

CAMDEN SILT LOAM (134B) - A WELL DRAINED SOIL WITH MODERATE TO MODERATELY RAPID PERMEABILITY. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND FIVE PERCENT.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIIVE AREAS ASSOCIATED WITH THIS PROJECT:

THE PROPOSED GRADING IS RELATIVELY MINOR. SPECIAL CARE SHOULD BE TAKEN AT THE TURKEY CREEK STRUCTURE TO REDUCE THE CHANCE FOR EROSION.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSIIVE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS DUE TO PAVEMENT REMOVAL FOR LANE WIDENING, MINOR GRADING, AND STORM SEWER REMOVAL AND INSTALLATION.

I. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

TURKEY CREEK

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- SOIL SEDIMENT
- CONCRETE
- CONCRETE TRUCK WASTE
- CONCRETE CURING COMPOUNDS
- SOLID WASTE DEBRIS
- PAINTS
- SOLVENTS
- FERTILIZERS / PESTICIDES
- PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS)
- ANTIFREEZE / COOLANTS
- WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(G) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.

G. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- PRESERVATION OF MATURE VEGETATION
- VEGETATED BUFFER STRIPS
- PROTECTION OF TREES
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY TURF (SEEDING, CLASS 7)
- TEMPORARY MULCHING
- PERMANENT SEEDING
- EROSION CONTROL BLANKET / MULCHING
- SODDING
- GEOTEXTILES
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

2. PERMANENT SEEDING - SEEDING, CLASS 2 WILL BE INSTALLED PER IDOT SPECIFICATIONS.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 2 WILL BE USED ON RELATIVELY FLAT AREAS.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STORM DRAIN INLET PROTECTION
- SEDIMENT TRAP
- TEMPORARY PIPE SLOPE DRAIN
- TEMPORARY SEDIMENT BASIN
- TEMPORARY STREAM CROSSING
- STABILIZED CONSTRUCTION EXITS
- TURF REINFORCEMENT MATS
- PERMANENT CHECK DAMS
- PERMANENT SEDIMENT BASIN
- AGGREGATE DITCH
- PAVED DITCH
- ROCK OUTLET PROTECTION
- RIPRAP
- GABIONS
- SLOPE MATTRESS
- RETAINING WALLS
- SLOPE WALLS
- CONCRETE REVETMENT MATS
- LEVEL SPREADERS
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG THE BANKS OF THE DUPAGE RIVER IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

CONSTRUCT AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.

2. STORM DRAIN INLET PROTECTION - INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.

3. TEMPORARY DITCH CHECKS - DITCH CHECKS WILL BE PLACED IN SWALES WHERE RUNOFF VELOCITY IS HIGH. ALL STRUCTURAL PRACTICES ARE SHOWN IN DETAIL ON THE EROSION CONTROL PLANS.

TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY ___ FT. FALL/RISE IN DITCH GRADE.

TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.

STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCE WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE (IF SPECIFIED), ENVIROBERM, TRIANGULAR SILT DIKES, GEORIDGE AND ROLLED EXCELSIOR.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISED - 4-20-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SWPPP PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\PMIDOT\INTEL\MANJN\d015338	876d42-sht-eros.dgn	DRAWN -	REVISED -			327	17RS-3	MARION	96	41	
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76D42					
	PLOT DATE = 3/17/2010	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____											

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

- a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES).
THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-B (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-B ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-B, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.
- b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

NO STORMWATER DETENTION IS PROPOSED FOR THIS PROJECT.

4. OTHER CONTROLS:

- a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (S)HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.
- b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:
 - ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
 - WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
 - A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
 - LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
 - SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.
- c. STOCKPILE MANAGEMENT - BMPs SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPs MAY BE CONSIDERED:
 - PERIMETER EROSION BARRIER
 - TEMPORARY SEEDING
 - TEMPORARY MULCH
 - PLASTIC COVERS
 - SOIL BINDERS
 - STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (S)HE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.
- d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
- f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT.

1. SEEDING - ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.
2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
3. EROSION CONTROL BLANKET/MULCHING - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.
4. PROTECTION OF TREES/TEMPORARY TREE PROTECTION - ANY PROTECTIVE MEASURES WHICH ARE KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
5. DITCH CHECKS - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAIL WILL BE REPAIRED OR REPLACED IMMEDIATELY.

ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

- A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL NOTIFY THE APPROPRIATE I.E.P.A. FIELD OPERATIONS SECTION OFFICE BY EMAIL OF: epa.swnoncomp@illinois.gov, TELEPHONE OR FAX WITHIN 24 HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN 5 DAYS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:






EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

- A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.
- B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:
 1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
 2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
 3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
 4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.
- C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.
- D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.
- E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (S)HE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:
 1. CONTAINMENT
 2. SPILL PREVENTION AND CONTROL
 3. USE OF DRIP PANS AND ABSORBENTS
 4. AUTOMATIC SHUT-OFF NOZZLES
 5. TOPPING OFF RESTRICTIONS
 6. LEAK INSPECTION AND REPAIR
- F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:




FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

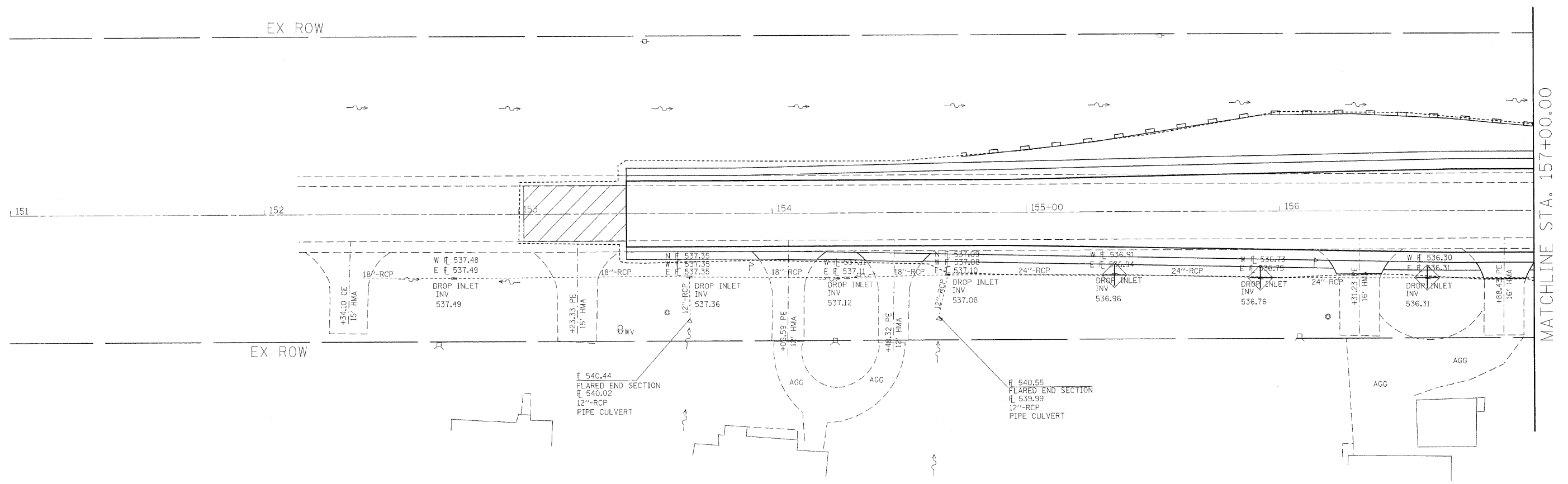
LEGEND

-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

FILE NAME =	USER NAME = dntelmarjn	DESIGNED -	REVISD - 4-20-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SWPPP PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 3/16/2010	DATE -	REVISD -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
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LEGEND

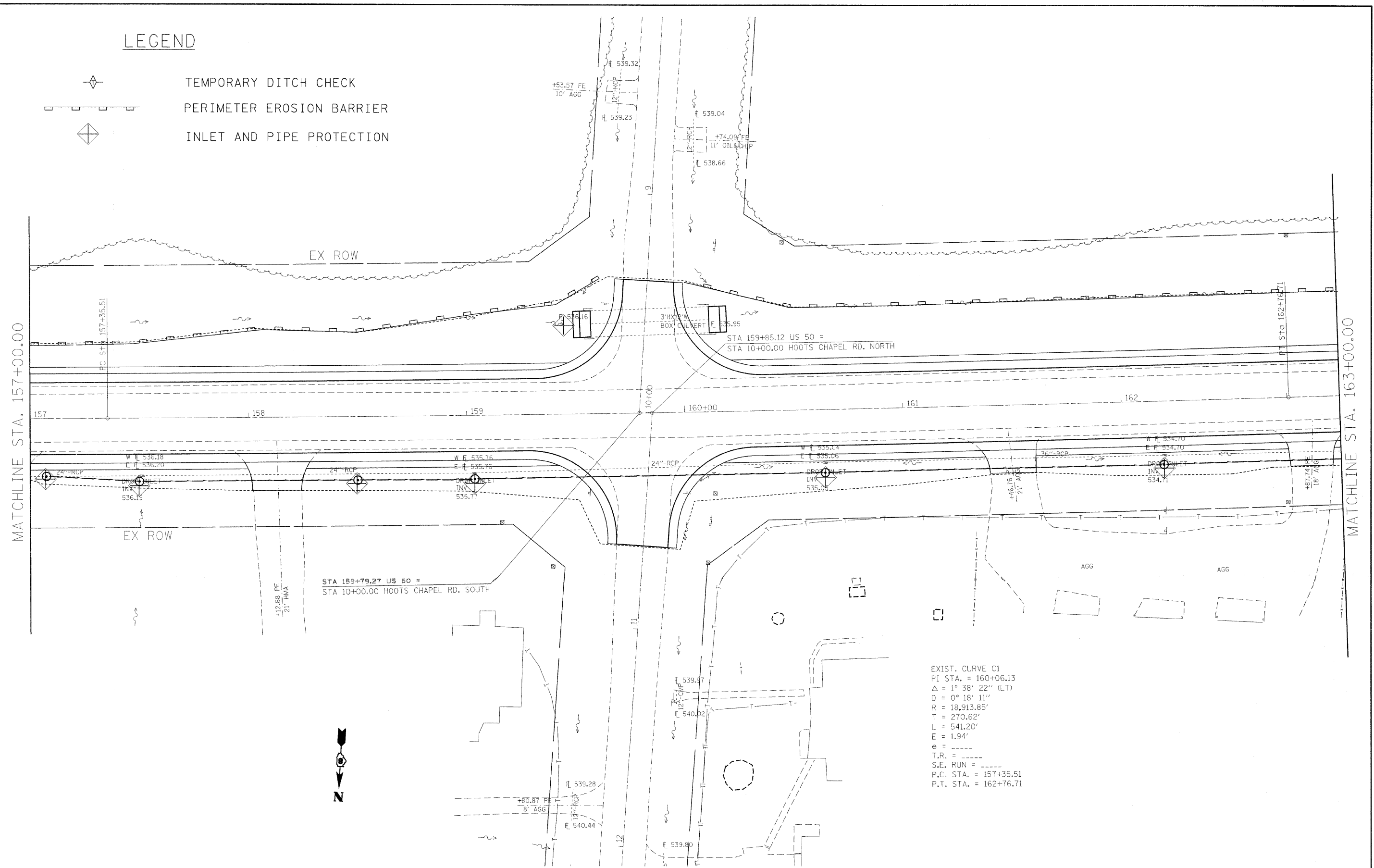
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION



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PLOT DATE = 3/16/2012		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
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LEGEND

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






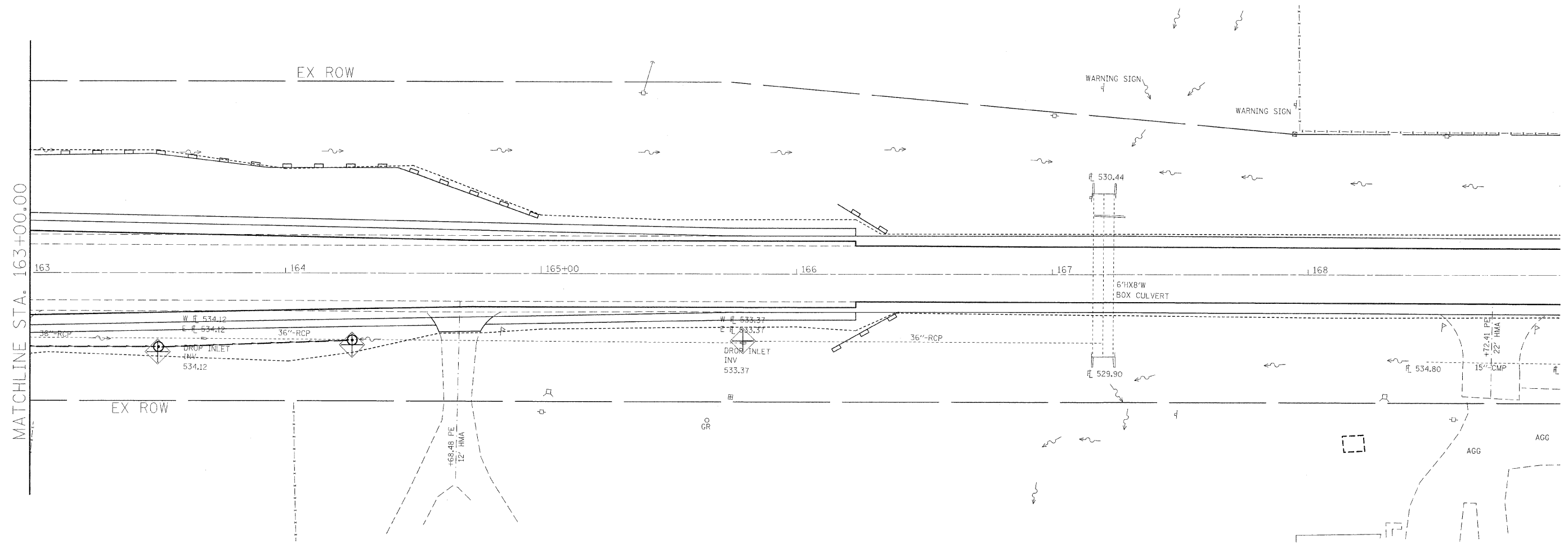
EXIST. CURVE C1
 PI STA. = 160+06.13
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 $D = 0^\circ 18' 11''$
 $R = 18,913.85'$
 $T = 270.62'$
 $L = 541.20'$
 $E = 1.94'$
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 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 157+35.51$
 $P.T. \text{ STA.} = 162+76.71$

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		DATE -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

SCALE: 1"=20' SHEET NO. ___ OF ___ SHEETS STA. 157+00.00 TO STA. 163+00.00





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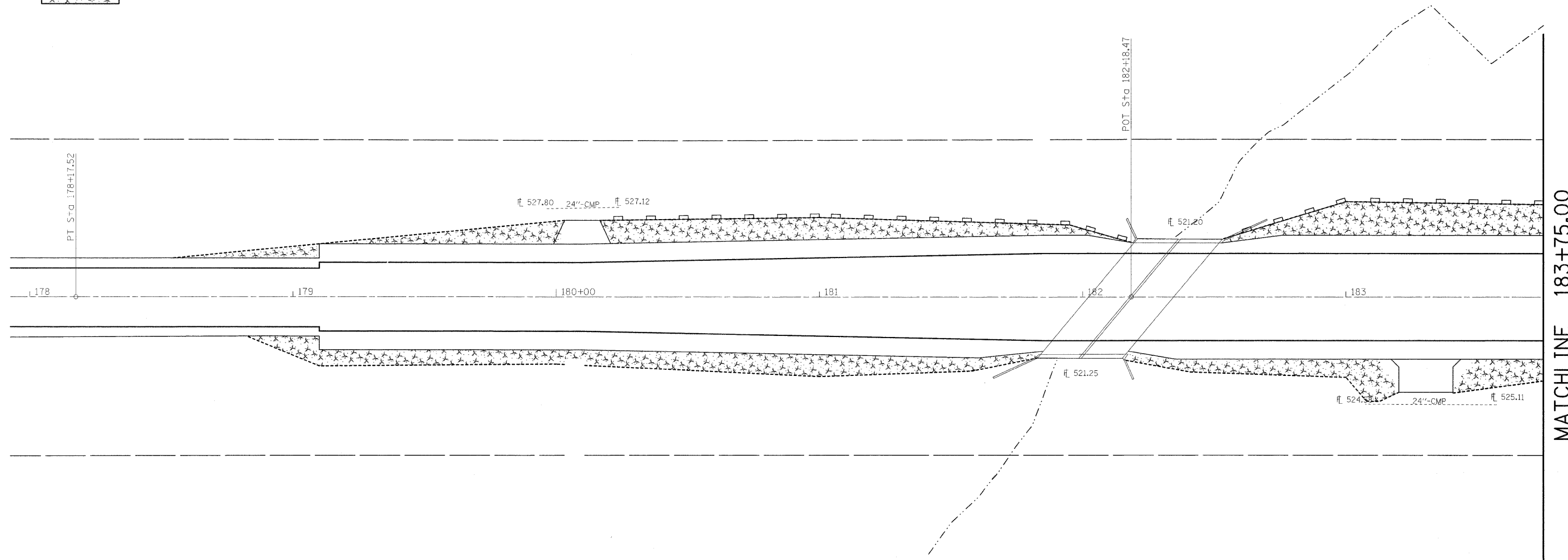
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION



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	PLOT DATE = 3/15/2010	DATE - ---	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT						

LEGEND

-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 2A; MULCH, METHOD 2




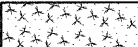


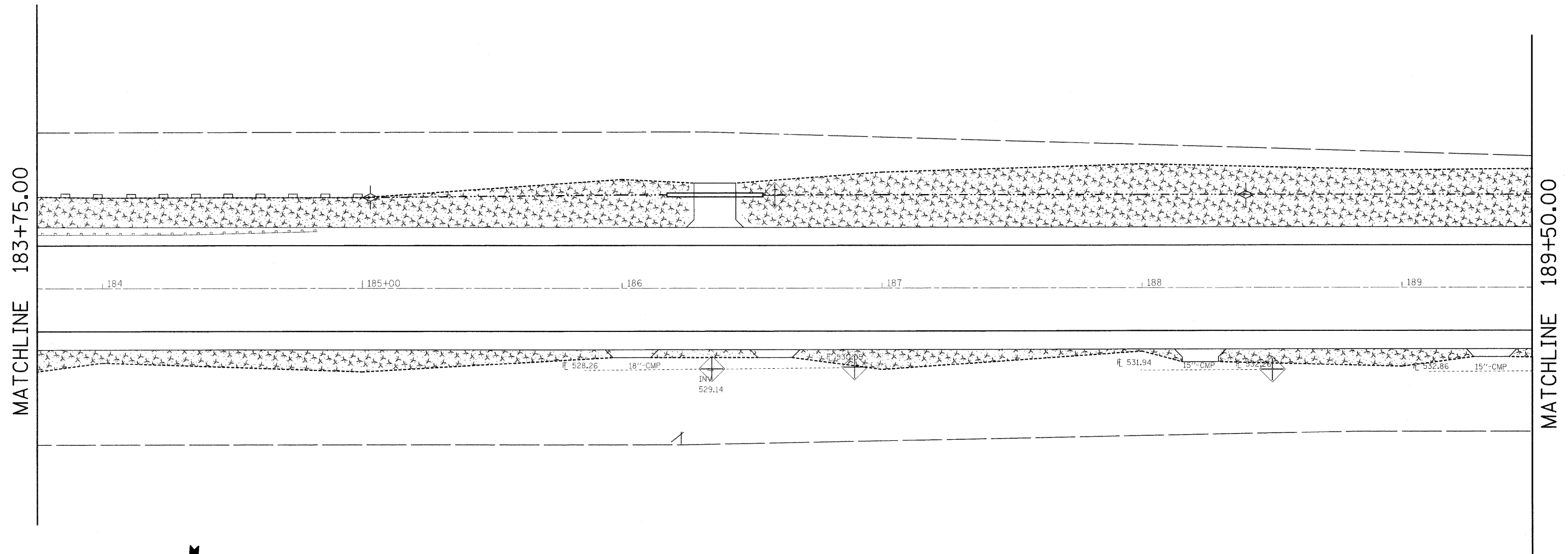
MATCHLINE 183+75.00



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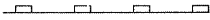

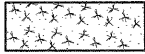
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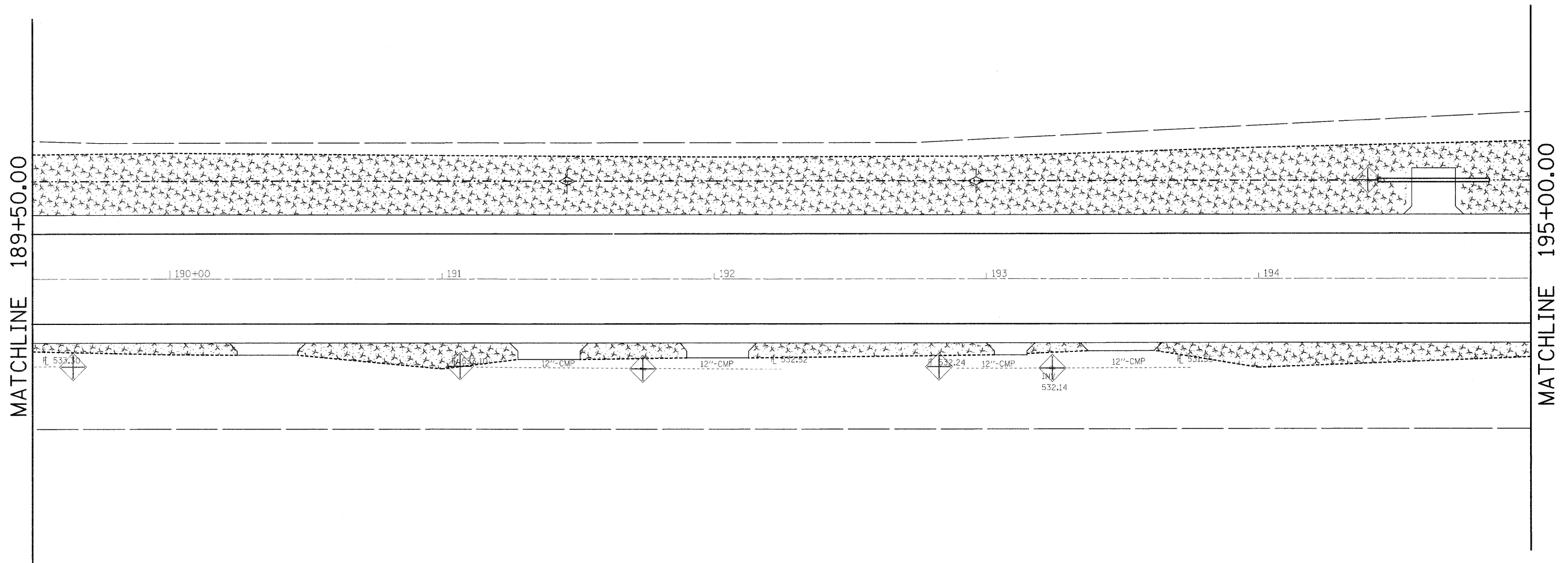
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 2A; MULCH, METHOD 2



FILE NAME = c:\pvt\work\p\WIDOT\DINTELMAN\JN\0153208	USER NAME = dintelman.jn	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL (SAFETY AREA 2)	F.A.P. RTE. 327	SECTION 17RS-3	COUNTY MARION	TOTAL SHEETS 96	SHEET NO. 47	
PLOT SCALE = 20,000' / IN.		CHECKED - ---	REVISED - ---	SCALE: 1" = 20'			SHEET NO. ___ OF ___ SHEETS			STA. 183+75.00 TO STA. 189+50.00	
PLOT DATE = 3/17/2010		DATE - ---	REVISED - ---	ILLINOIS FED. AID PROJECT							CONTRACT NO. 76D42


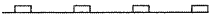

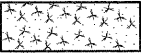
LEGEND

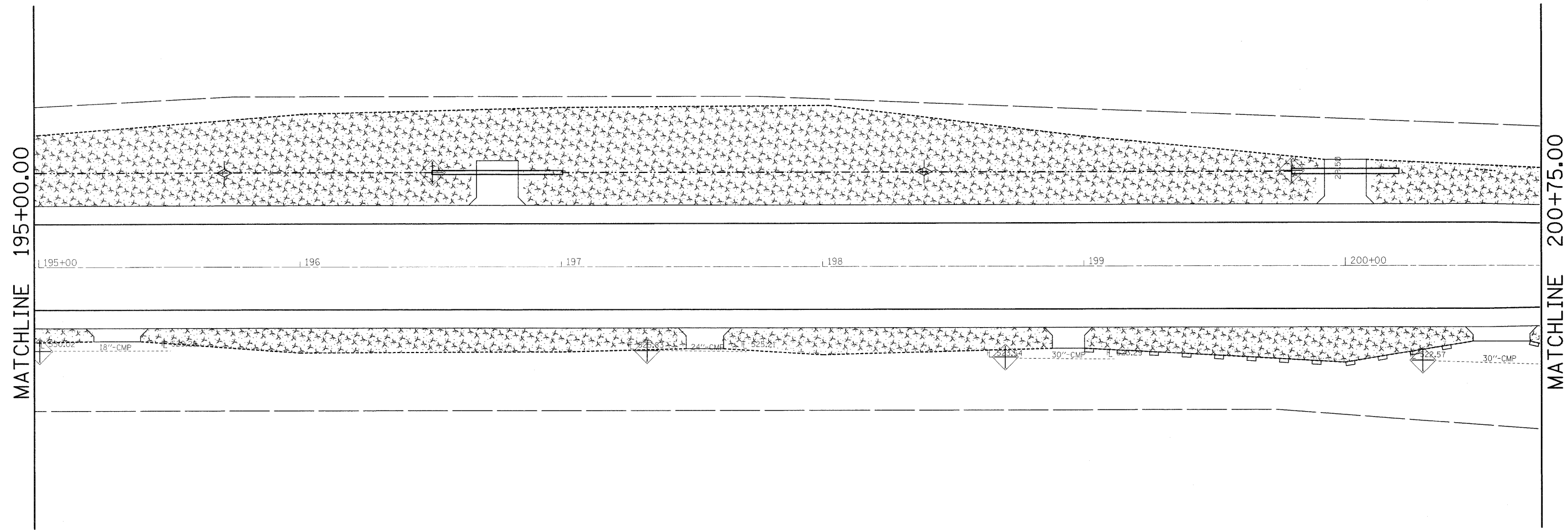
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 2A; MULCH, METHOD 2



FILE NAME =	USER NAME = dntelmanjn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwid\DOT\DINTELMANJN\0153208	876d43-shr-eros.dgn	DRAWN -	REVISED -			327	17RS-3	MARION	96	48	
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76D42					
	PLOT DATE = 3/17/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1" = 20'	SHEET NO. ___ OF ___ SHEETS		STA. 189+50.00 TO STA. 195+00.00			




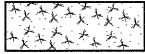
LEGEND

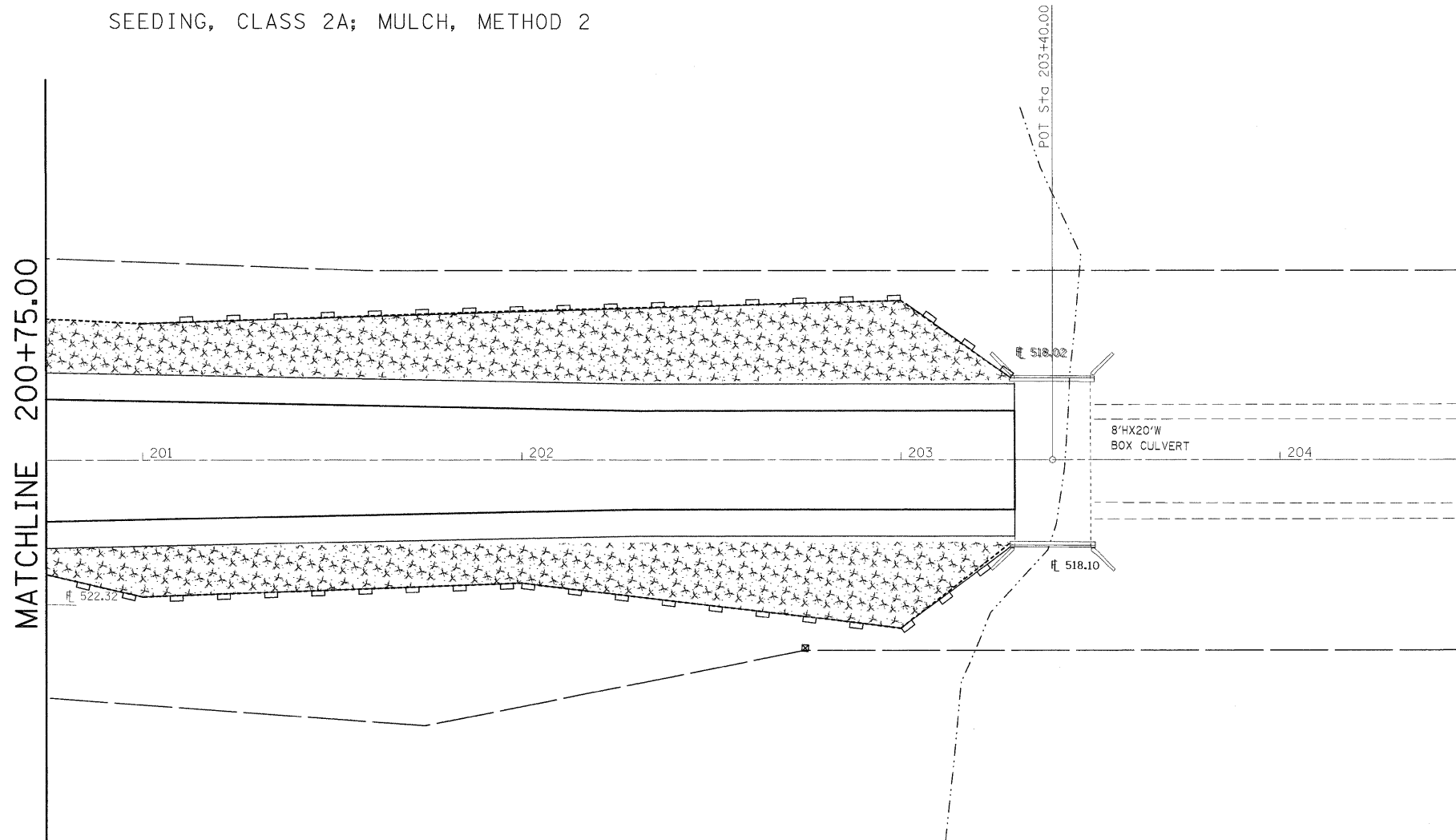
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 2A; MULCH, METHOD 2



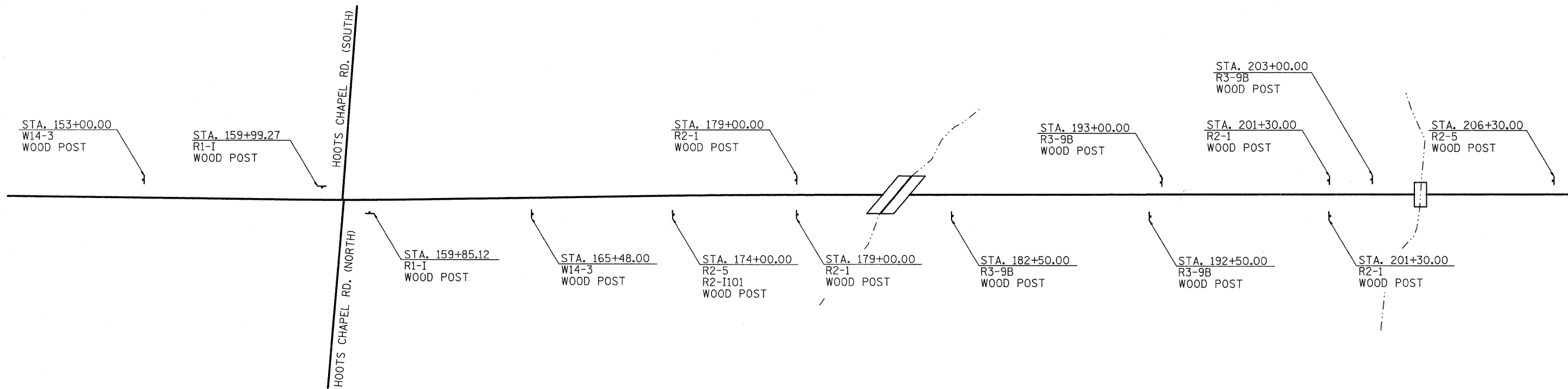
FILE NAME = c:\pw_work\PWIDOT\VINTELMANJN\0153208	USER NAME = dntelmanjn 076d43-sht-eros.dgn	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL (SAFETY AREA 2)	F.A.P. RTE. 327	SECTION 17RS-3	COUNTY MARION	TOTAL SHEETS 96	SHEET NO. 49
PLOT SCALE = 20.0000' / IN. PLOT DATE = 3/17/2010		DRAWN - ---	REVISED - ---	SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. 195+00.00 TO STA. 200+75.00		CONTRACT NO. 76D42 ILLINOIS FED. AID PROJECT				

LEGEND

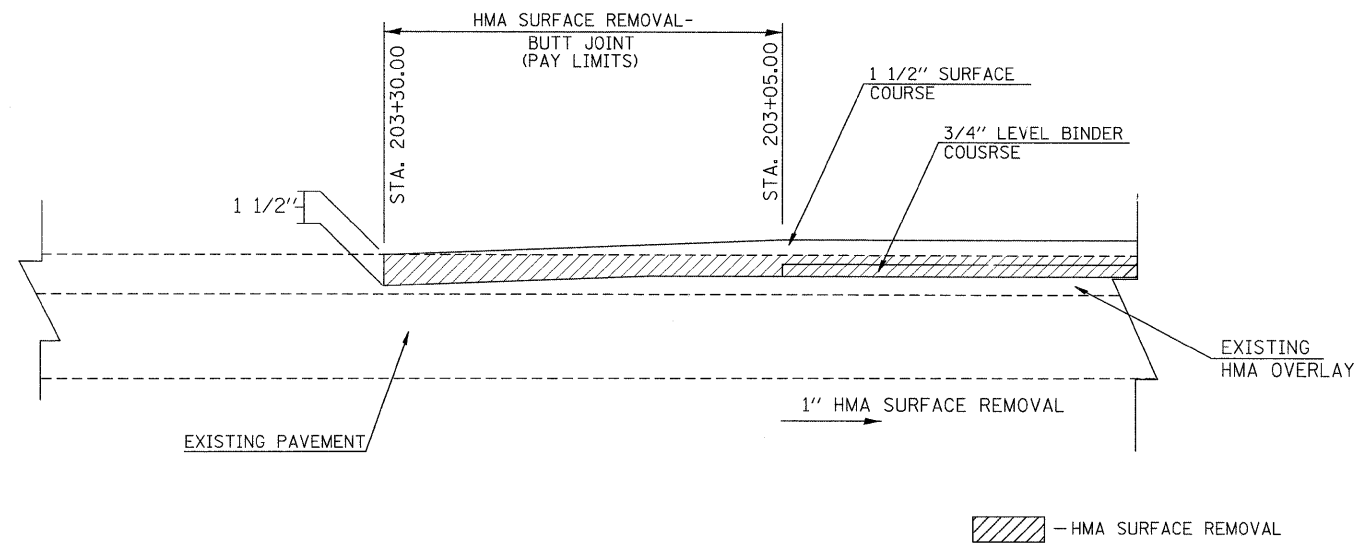
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 2A; MULCH, METHOD 2



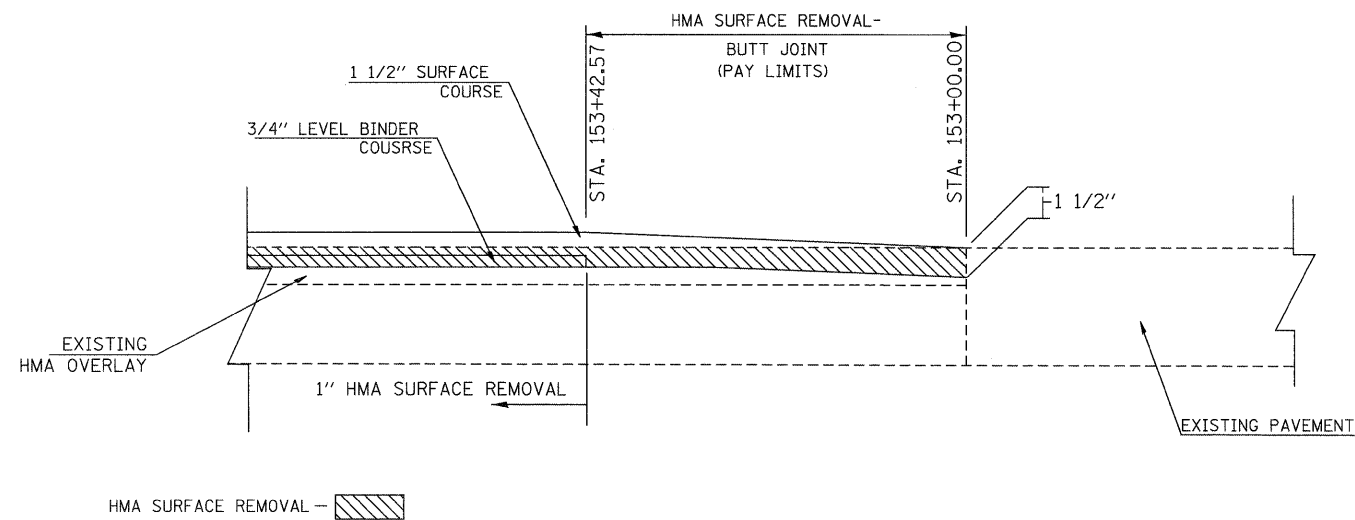
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ct:\pw\work\NPWIDOT\DINTELMANJN\08153208	876d43-shr-eros.dgn	DRAWN -	REVISED -			327	17RS-3	MARION	96	50	
	PLOT SCALE = 20,000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/17/2010	DATE -	REVISED -			SCALE: 1" = 20'			SHEET NO. ___ OF ___ SHEETS STA. 200+75.00 TO STA. 203+30.00		



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PLOT SCALE = 50,0000' / IN.	CHECKED - ---	REVISED - ---	327			17RS-3	MARION	96	51	
PLOT DATE = 3/26/2010	DATE - ---	REVISED - ---	CONTRACT NO. 76D42							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



HMA SURFACE REMOVAL - BUTT JOINT
(SAFETY AREA 2)



HMA SURFACE REMOVAL - BUTT JOINT
(SAFETY AREA 1)

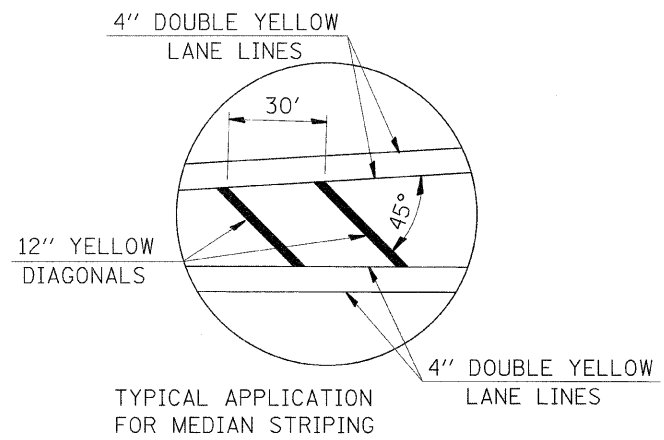
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING DETAILS

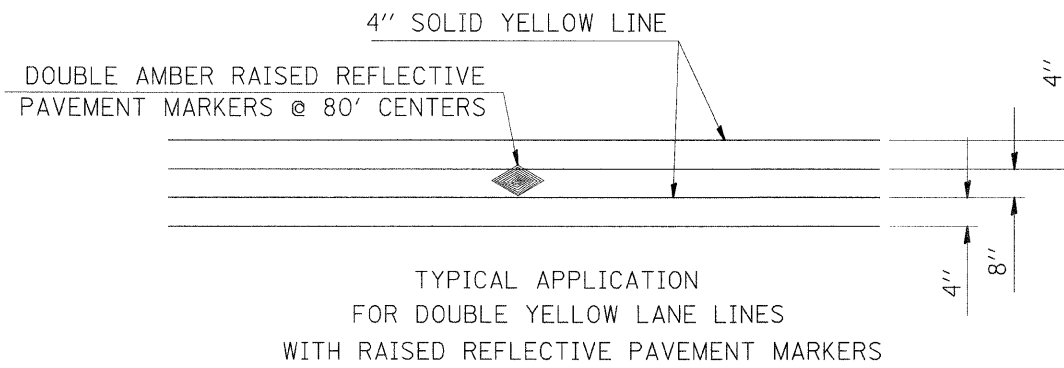
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	52
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D42	

FILE NAME =	USER NAME = dintelman.jn	DESIGNED -	REVISED -
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	PLOT DATE = 3/17/2010	DATE -	REVISED -

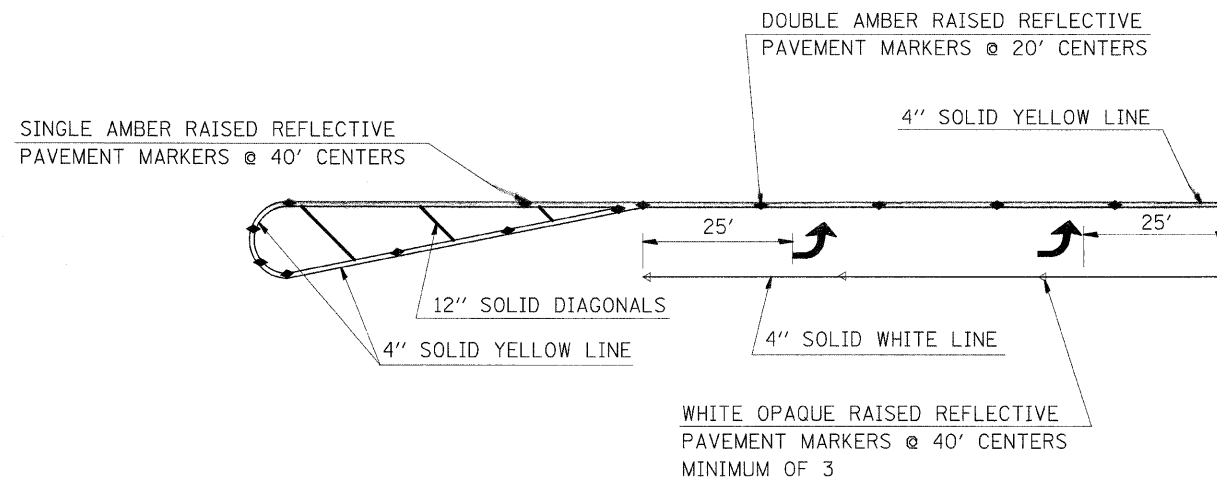
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____



DETAIL 'A'
NOT TO SCALE



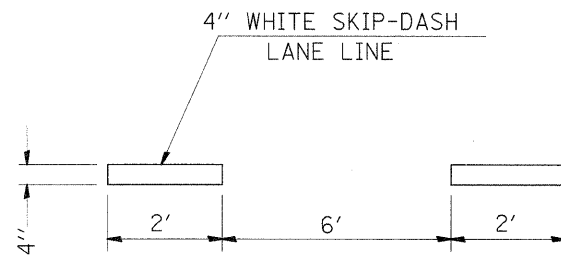
DETAIL 'B'



TYPICAL APPLICATION FOR LEFT TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS

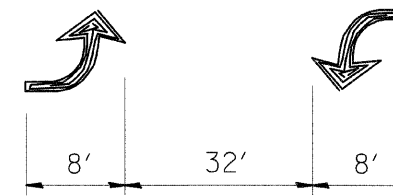
DETAIL 'C'

FILE NAME =	USER NAME = dntelman.jn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pwork\pxidot\dntelman.jn\d0153208\76d43-sht-plan.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	327	17RS-3	MARION	96	53
		CHECKED -	REVISED -					CONTRACT NO. 76D42				
		DATE -	REVISED -		FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT							



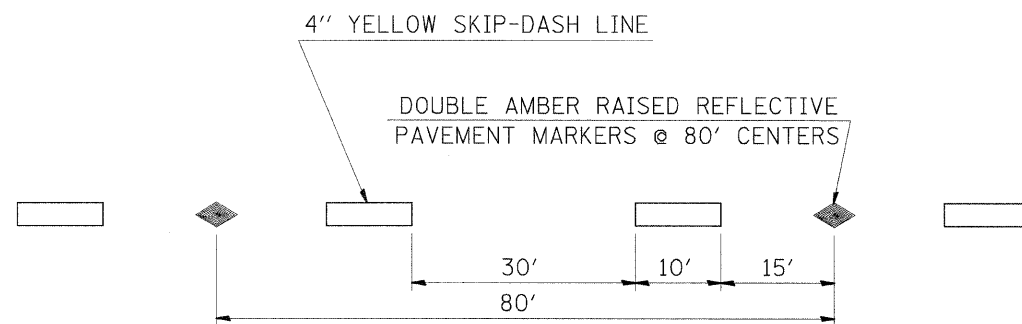
TYPICAL APPLICATION FOR
WHITE SKIP-DASH LANE LINES

DETAIL 'D'



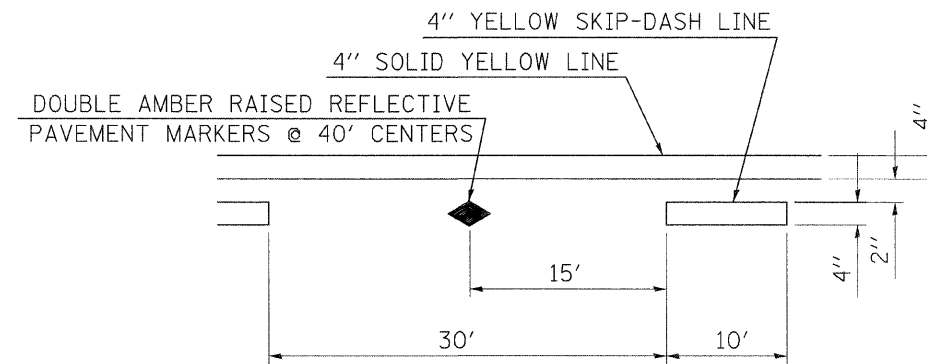
BI-DIRECTIONAL
TURN ARROW
@ 200' 0. C.

DETAIL 'E'



TYPICAL APPLICATION
FOR YELLOW SKIP-DASH LINES
WITH RAISED REFLECTIVE PAVEMENT MARKERS

DETAIL 'F'



TYPICAL APPLICATION FOR
BI-DIRECTIONAL TURN LANE
WITH RAISED REFLECTIVE PAVEMENT MARKERS

DETAIL 'G'

FILE NAME =	USER NAME = dintelmanjn	DESIGNED -	REVISD -
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PLOT SCALE = 50.0000' / 1IN.		CHECKED -	REVISD -
PLOT DATE = 3/16/2010		DATE -	REVISD -

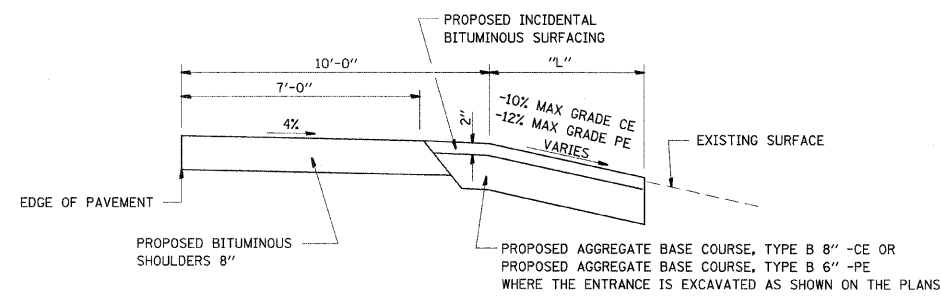
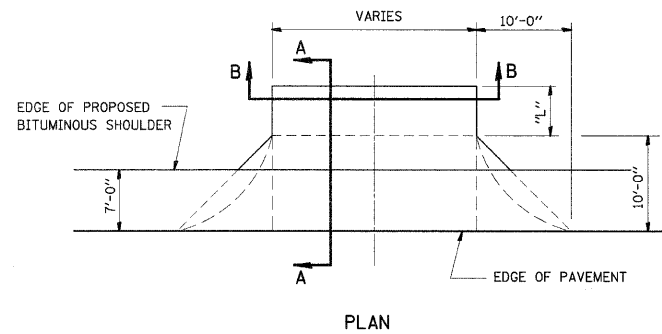
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
DETAILS

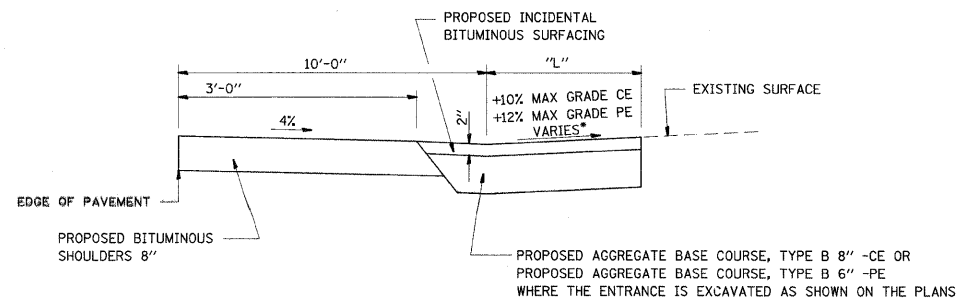
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	54
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D42	

DETAIL OF BITUMINOUS ENTRANCES
W/ BITUMINOUS SHOULDERS
COMMERCIAL & PRIVATE ENTRANCES

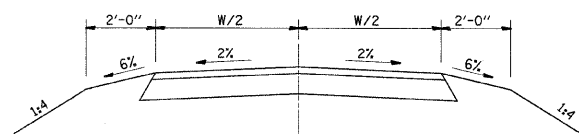


SECTION A-A WITH NEGATIVE GRADE



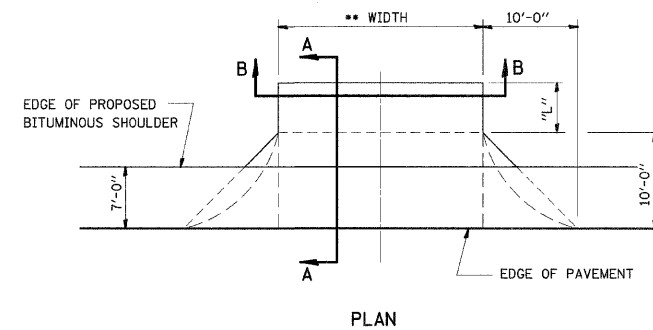
SECTION A-A WITH POSITIVE GRADE

• SEE CROSS SECTIONS FOR SLOPES

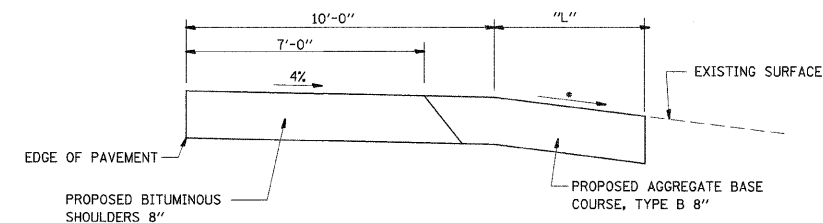


SECTION B-B
COMMERCIAL & PRIVATE ENTRANCES

DETAIL OF FIELD ENTRANCES
W/ BITUMINOUS SHOULDERS

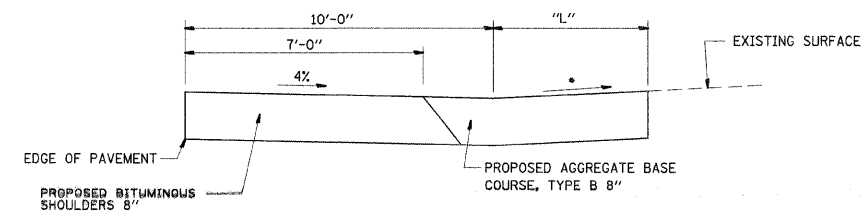


•• ALLOWABLE ENTRANCE WIDTHS:
FIELD 20' MINIMUM ALLOWABLE
ENTRANCE WIDTH SHALL BE
INTERPRETED TO BE THE WIDTHS
AT THE SPECIFIED COMPLETED RADIUS.



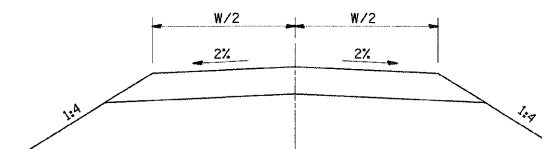
SECTION A-A WITH NEGATIVE GRADE

• SEE CROSS SECTIONS FOR SLOPES



SECTION A-A WITH POSITIVE GRADE

• SEE CROSS SECTIONS FOR SLOPES



SECTION B-B

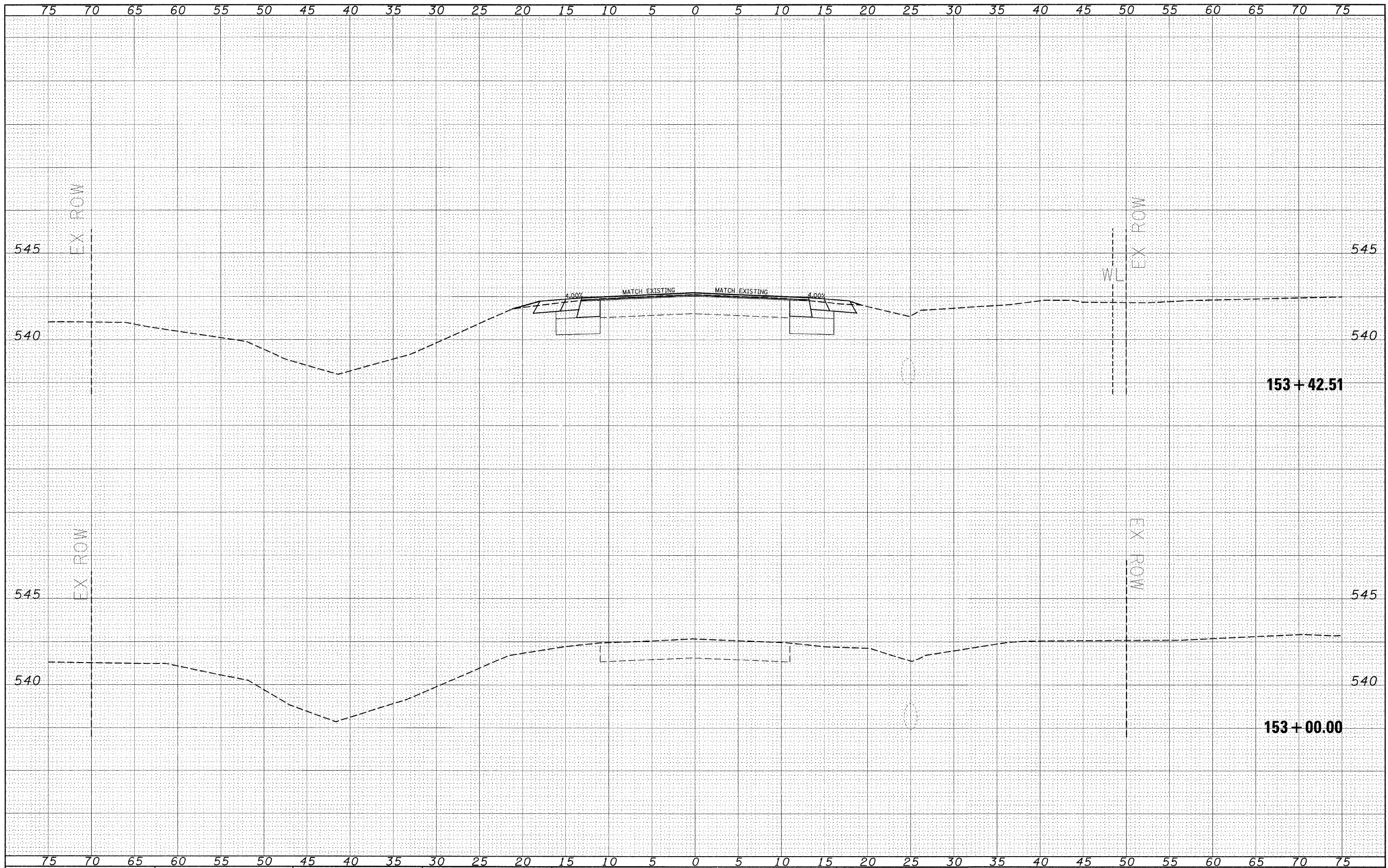
FILE NAME =	USER NAME = dntelmanjn	DESIGNED -	REVISD -
ca:\pawork\pwidot\dntelmanjn\d0153208\76d43-shl-plan.dgn		DRAWN -	REVISD -
		CHECKED -	REVISD -
		DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	55
CONTRACT NO. 76D42				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



BY	DATE
SURVEYED	
NOTE BOOK	
AREAS CHECKED	

BY	DATE
SURVEYED	
NOTE BOOK	
AREAS CHECKED	

FILE NAME =
#FILEL#

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

REVISIED - ---
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REVISIED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

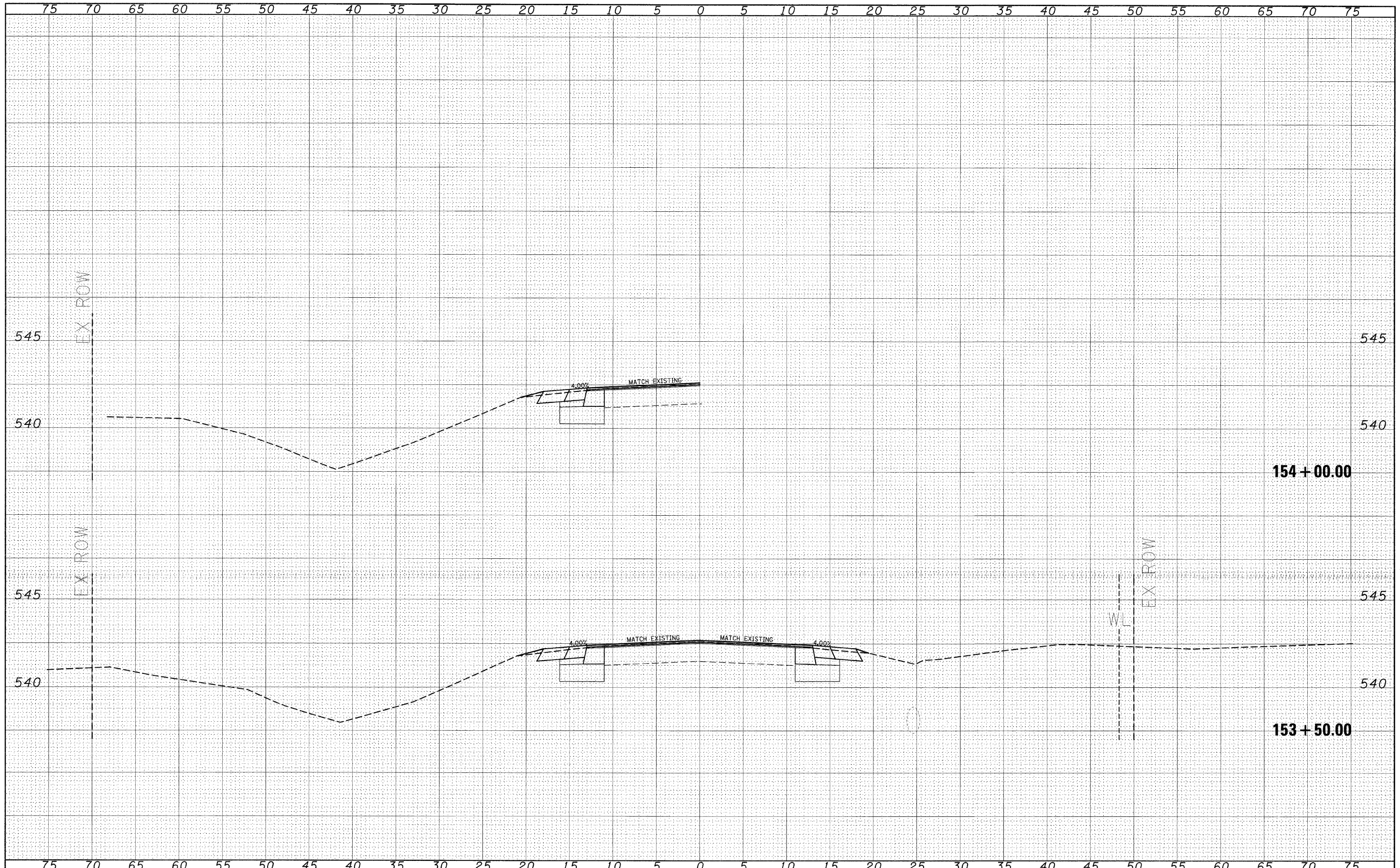
CROSS SECTIONS
(SAFETY AREA 1)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 153+00.00 TO STA. 153+42.51

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	56
CONTRACT NO. 76D42				

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

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

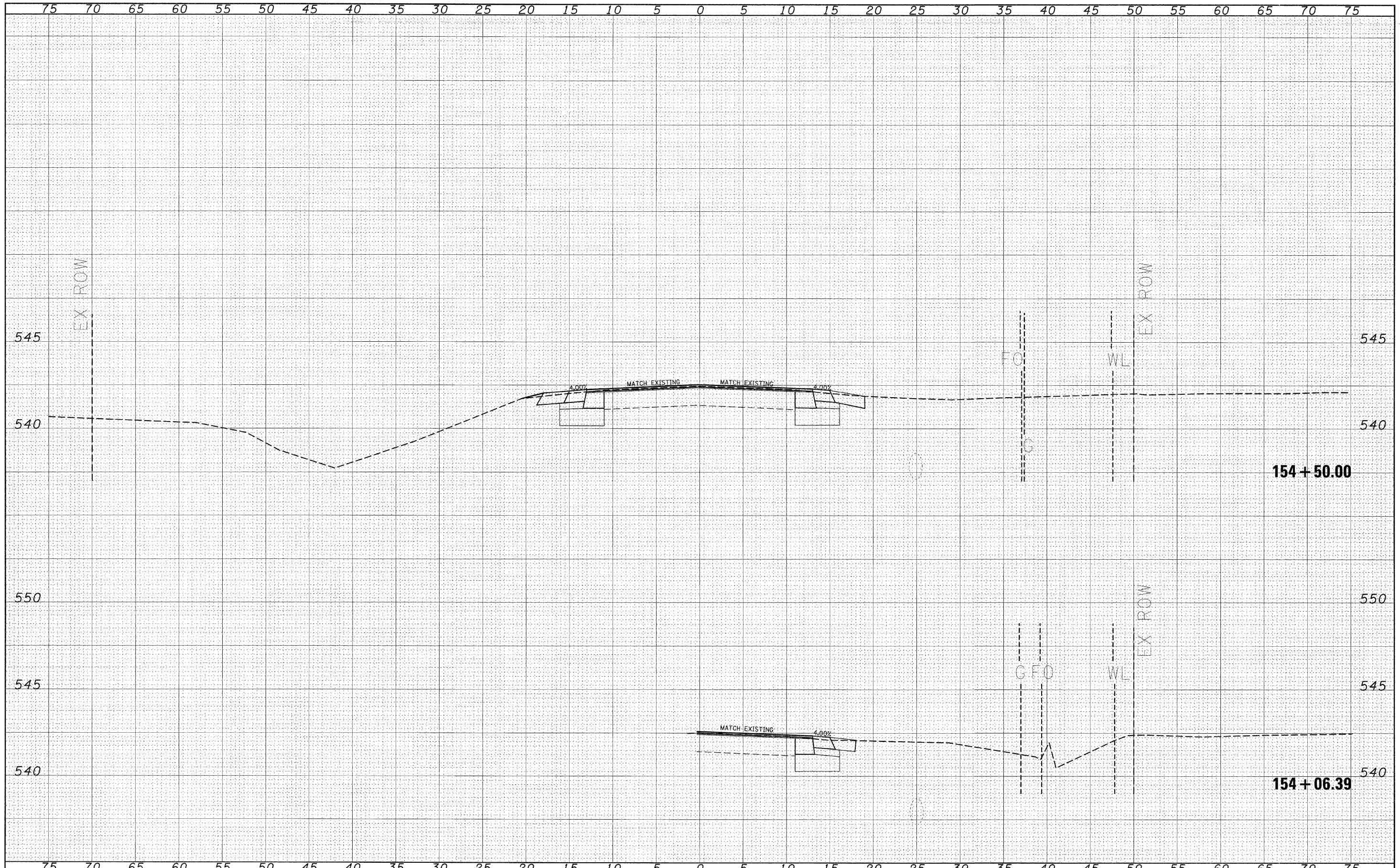


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 1)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISIED -			327	17RS-3	MARION	96	57	
		CHECKED -	REVISIED -			CONTRACT NO. 76D42					
		DATE -	REVISIED -			ILLINOIS FED. AID PROJECT					

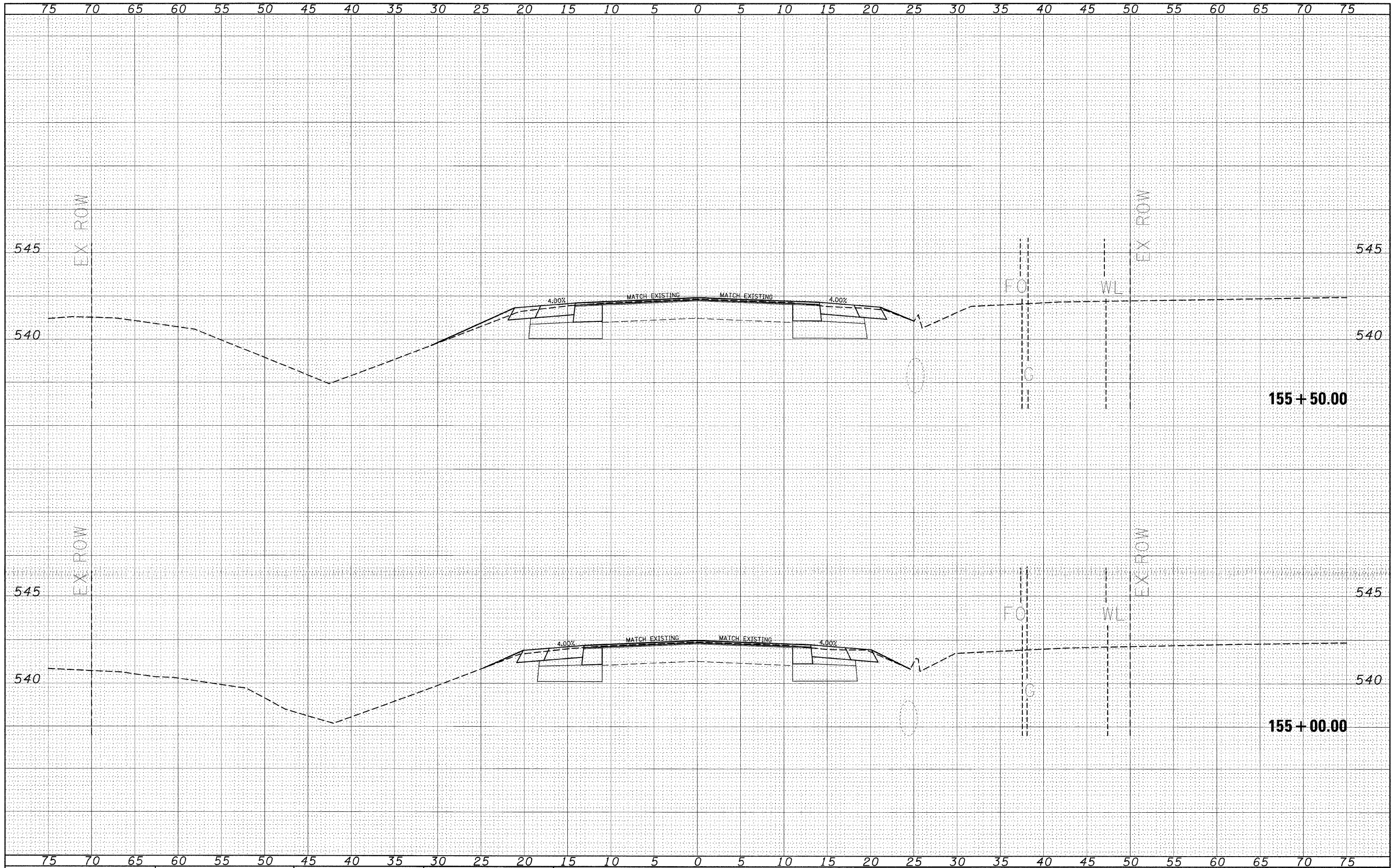
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 153+50.00 TO STA. 154+00.00

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

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



FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">CROSS SECTIONS (SAFETY AREA 1)</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	PLOT SCALE = #SCALE#	DRAWN - ---	REVISED - ---			327	17RS-3	MARION	96	58
	PLOT DATE = #DATE#	CHECKED - ---	REVISED - ---			CONTRACT NO. 76D42				
		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT				



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

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

FILE NAME =
FILEL

USER NAME = *USER*
DESIGNED - ---
DRAWN - ---
PLCT SCALE = *SCALE*
PLCT DATE = *DATE*

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

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

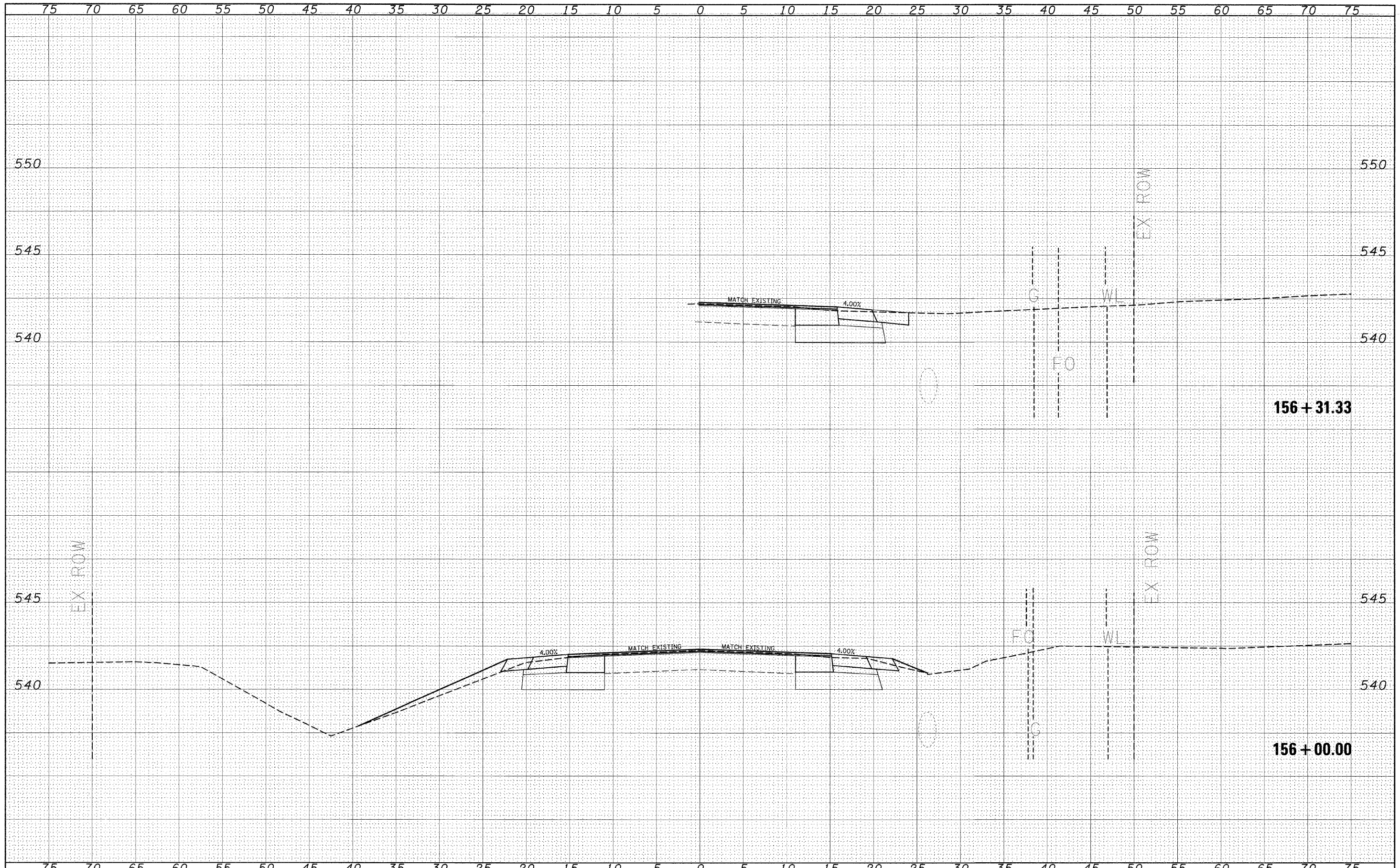
**CROSS SECTIONS
(SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 155+00.00 TO STA. 155+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	59
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

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

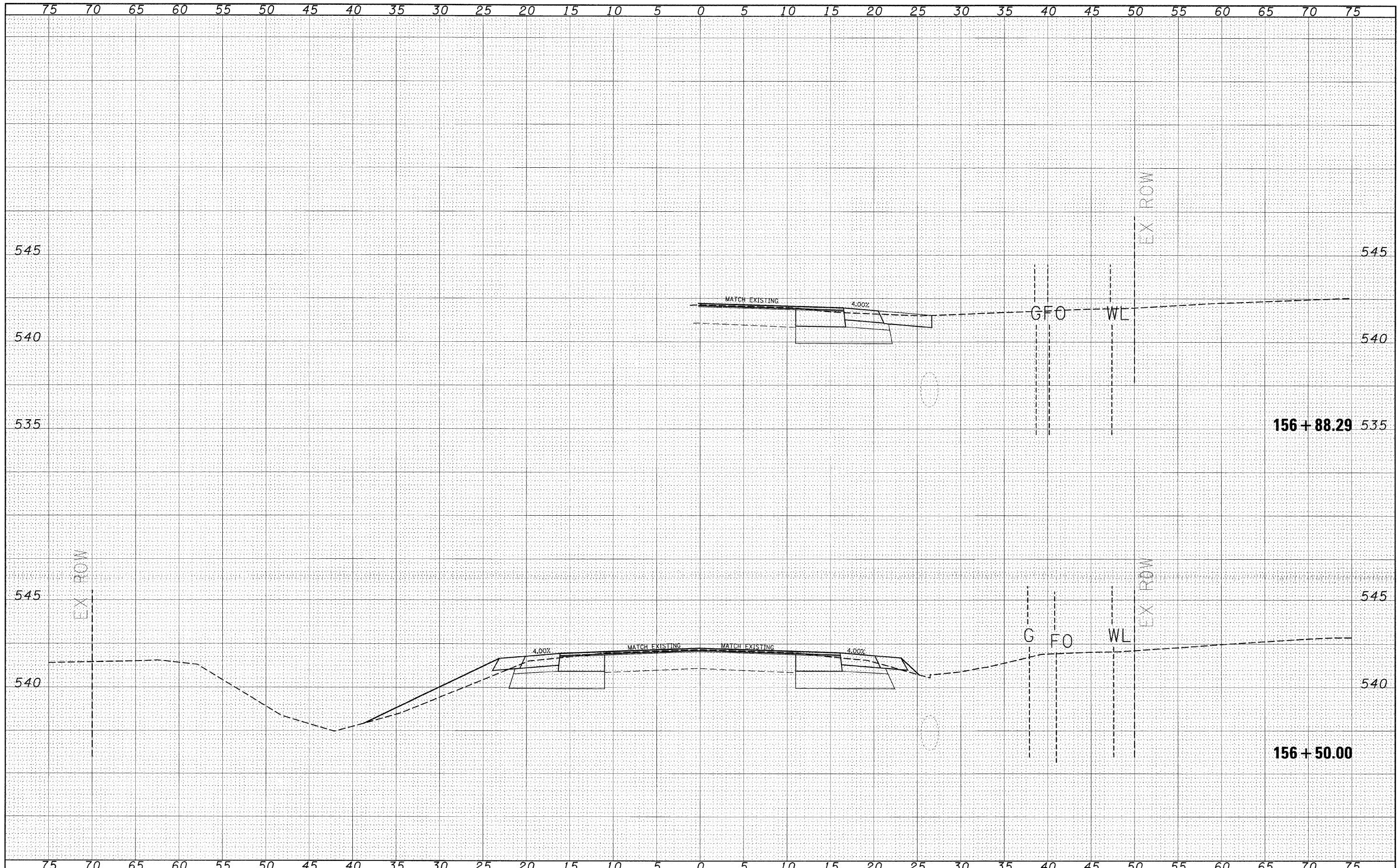
ORIGINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK	NO.	
TEMPLATE	AREAS CHECKED	



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 1)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISIED -			327	17RS-3	MARION	96	60	
		CHECKED -	REVISIED -			CONTRACT NO. 76D42					
		DATE -	REVISIED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE = #SCALE#		SCALE: _____ SHEET NO. ___ OF ___ SHEETS		STA. 156+00.00 TO STA. 156+31.33					
		PLOT DATE = #DATE#									

DATE	
BY	
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME =
 FILEL

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

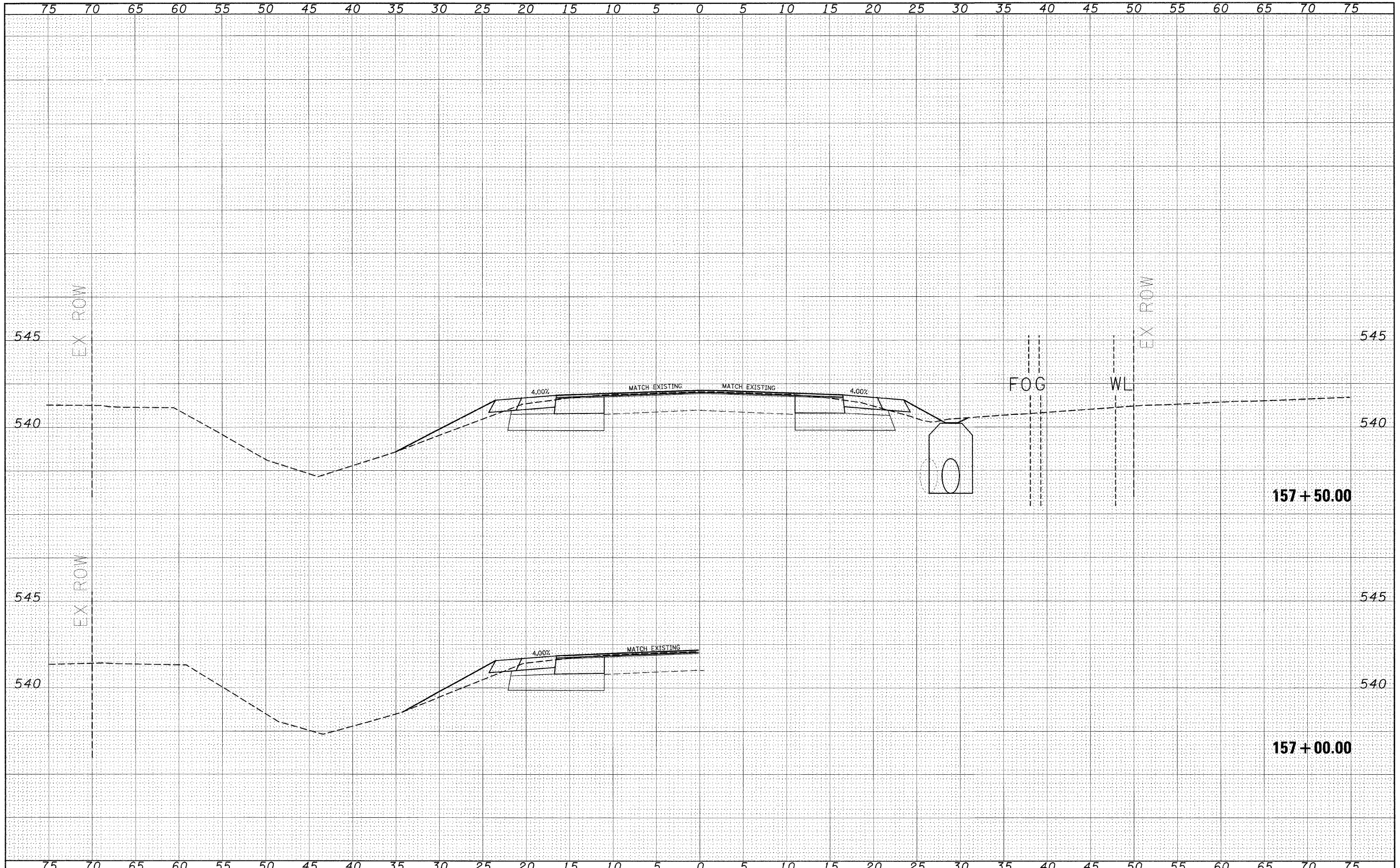
**CROSS SECTIONS
 (SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 156+50.00 TO STA. 156+88.29

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	61
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =
#FILEL#

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

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

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

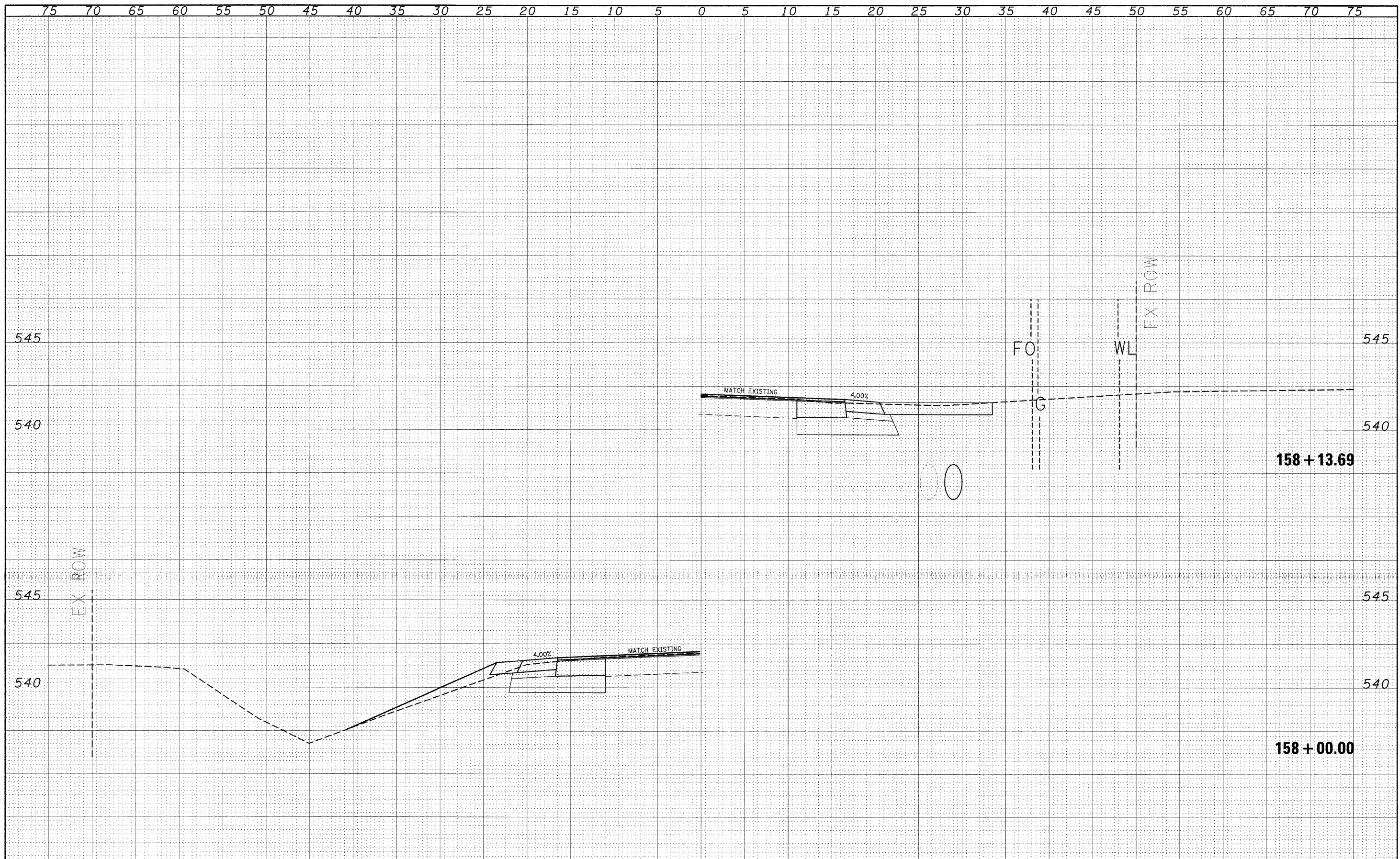
**CROSS SECTIONS
(SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 157+00.00 TO STA. 157+50.00

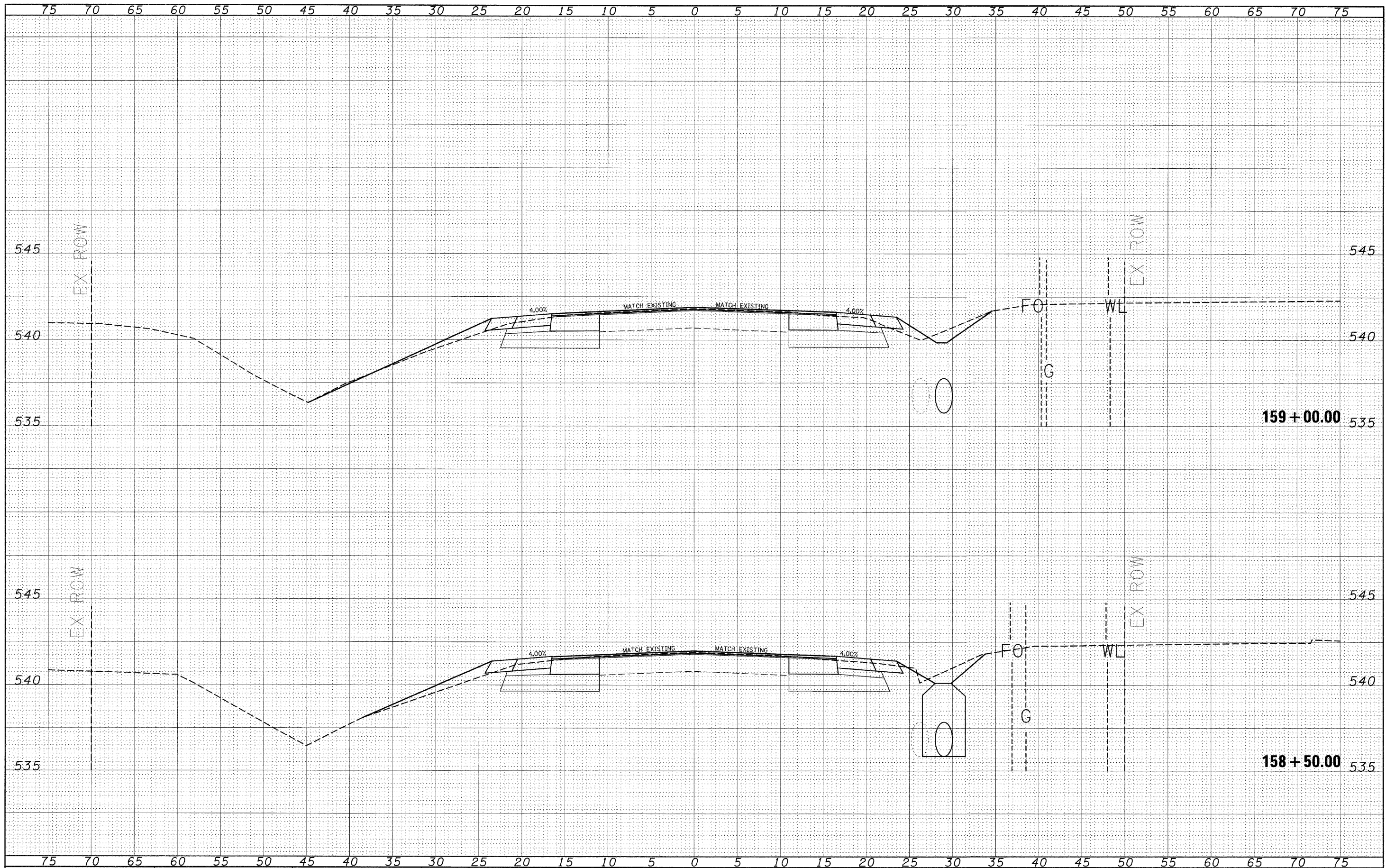
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	62
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 1)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISIED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. 158+00.00 TO STA. 158+13.69	327	17RS-3	MARION	96	63
		CHECKED -	REVISIED -								CONTRACT NO. 76D42	
		DATE -	REVISIED -								ILLINOIS FED. AID PROJECT	



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

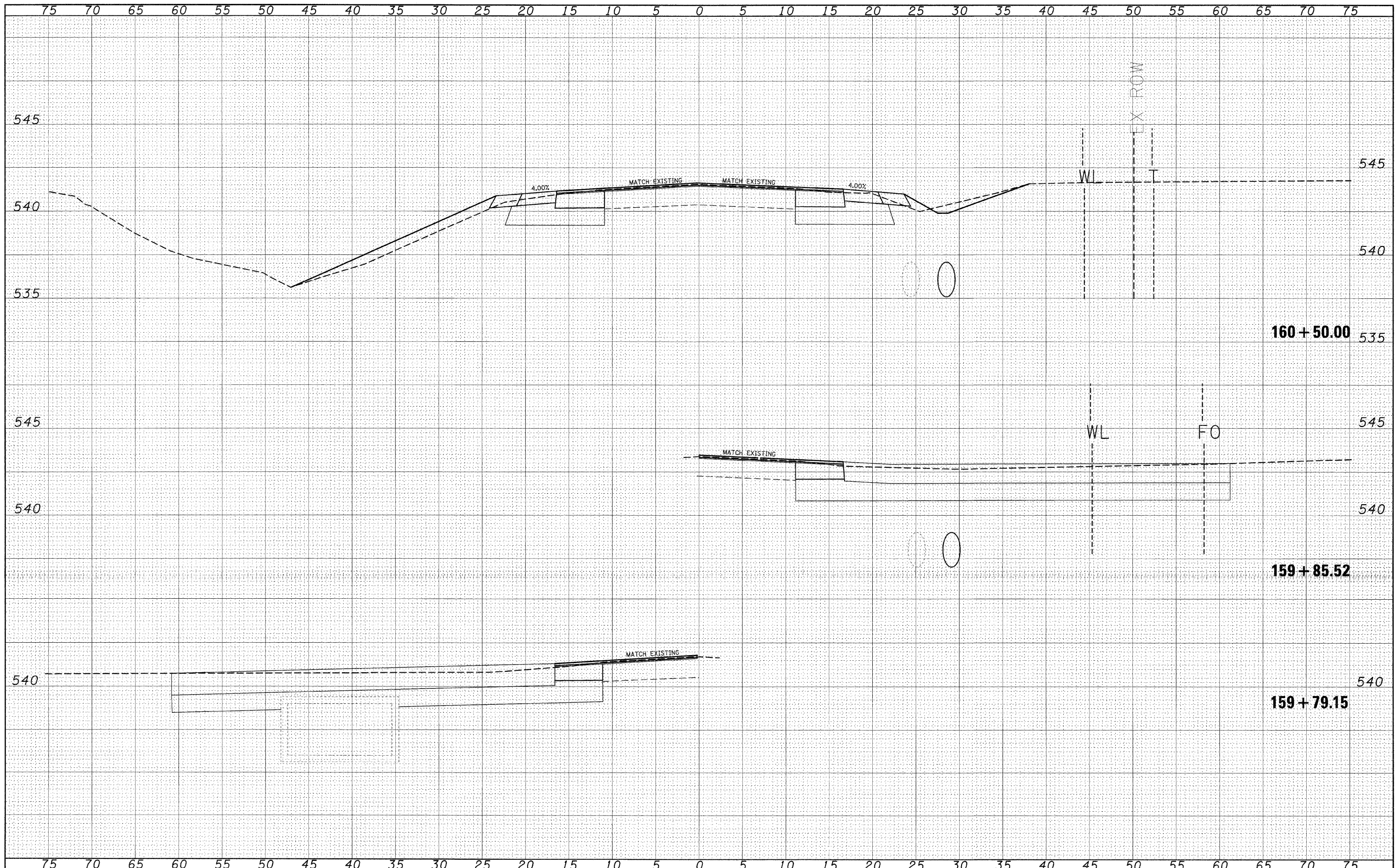
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 1)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	DESIGNED - ---	REVISED - ---	327			17RS-3	MARION	96	64	
PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---	CONTRACT NO. 76D42							
PLOT DATE = #DATE#	DATE - ---	REVISED - ---	[ILLINOIS] FED. AID PROJECT							

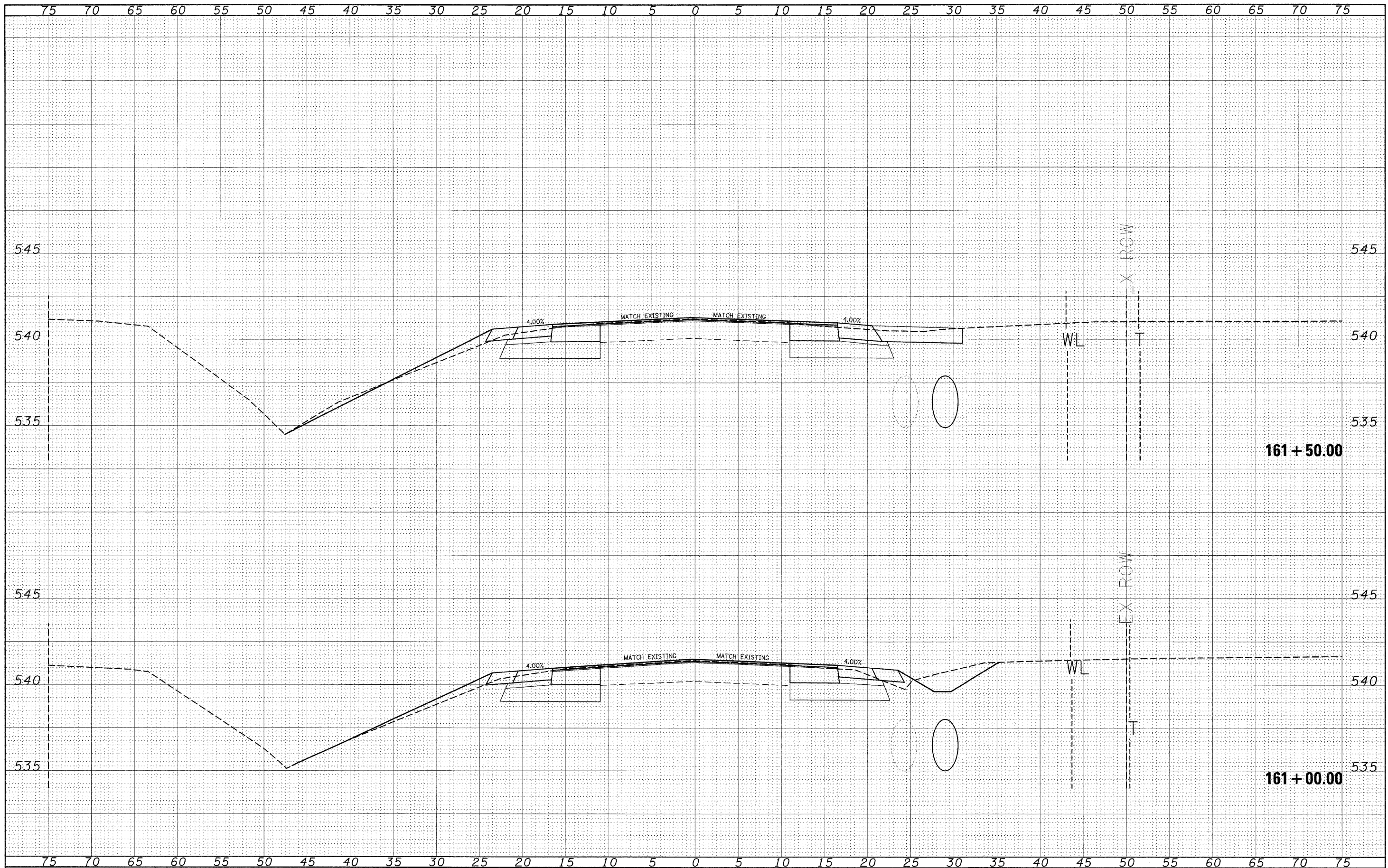
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 158+50.00 TO STA. 159+00.00

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

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



FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 1)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE - ---	REVISED - ---								



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 NOTE BOOK _____
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 ORIGINAL SURVEY _____
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 AREAS _____
 AREAS CHECKED _____

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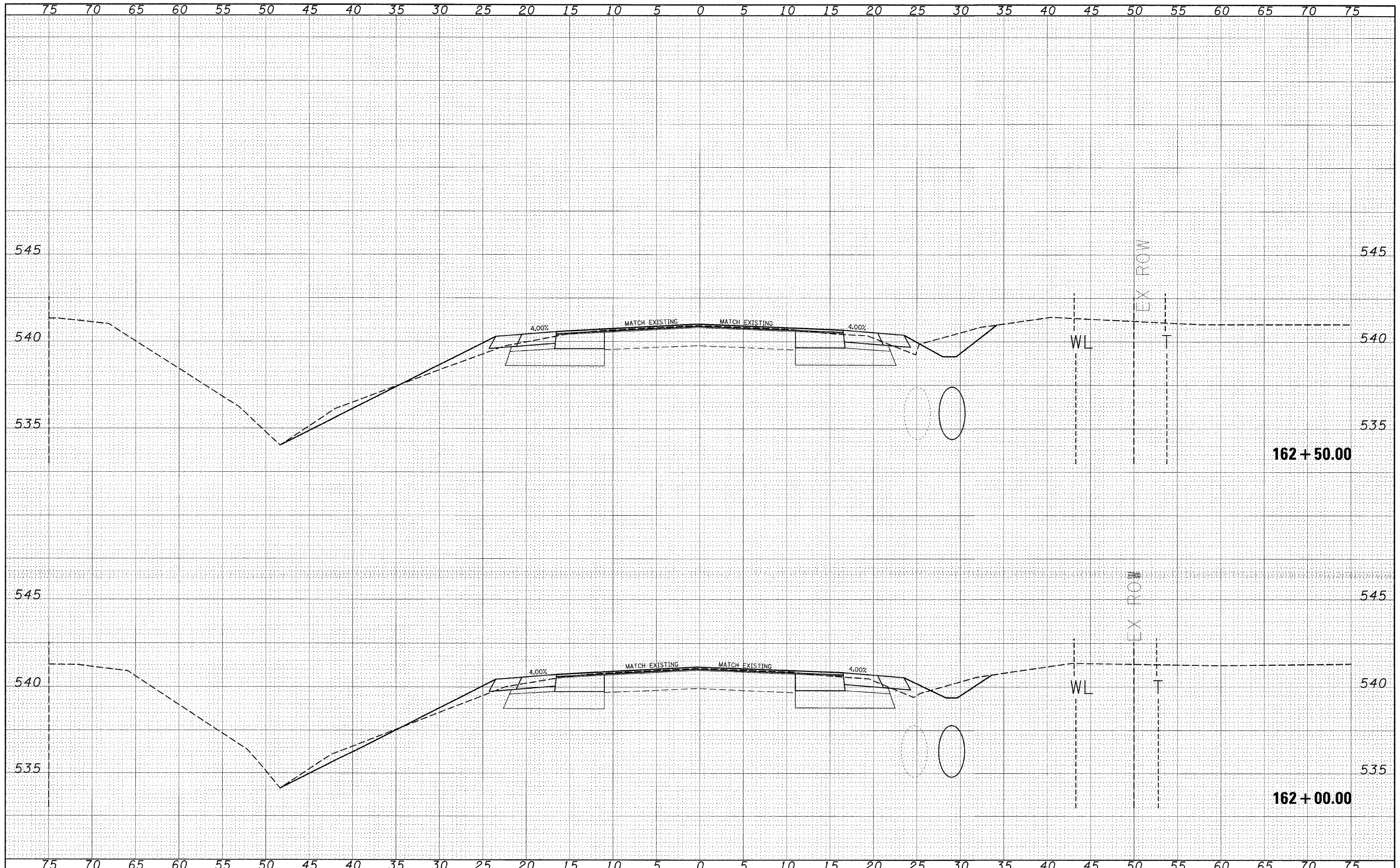
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	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 (SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 161+00.00 TO STA. 161+50.00

F.A.P. RTE. 327	SECTION 17RS-3	COUNTY MARION	TOTAL SHEETS 96	SHEET NO. 66
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				



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FINAL SURVEY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
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ORIGINAL SURVEY	
FINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME =
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	DRAWN - ---	REVISED - ---
PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---
PLOT DATE = #DATE#	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

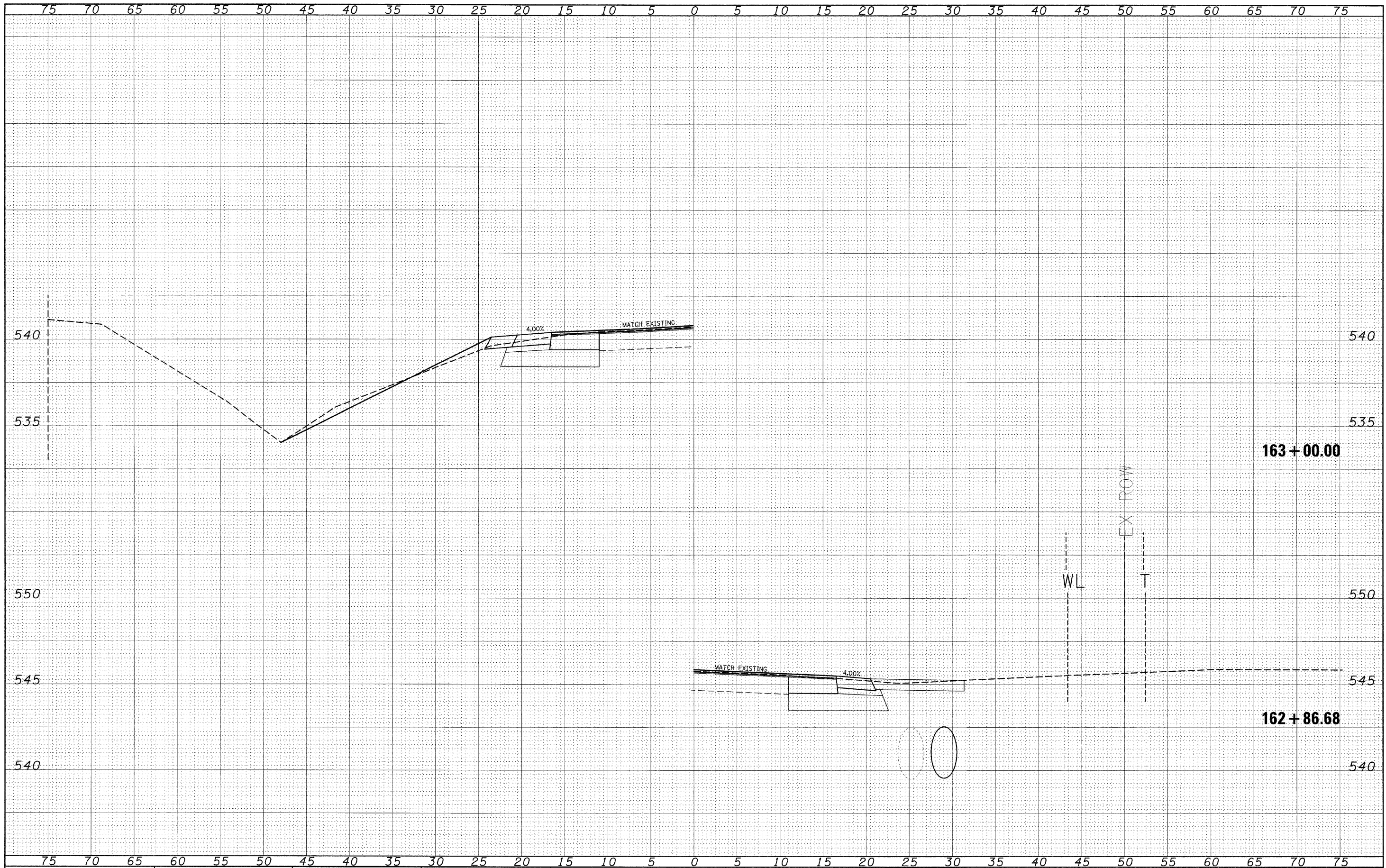
**CROSS SECTIONS
 (SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 162+00.00 TO STA. 162+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	67
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

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NOTE BOOK	
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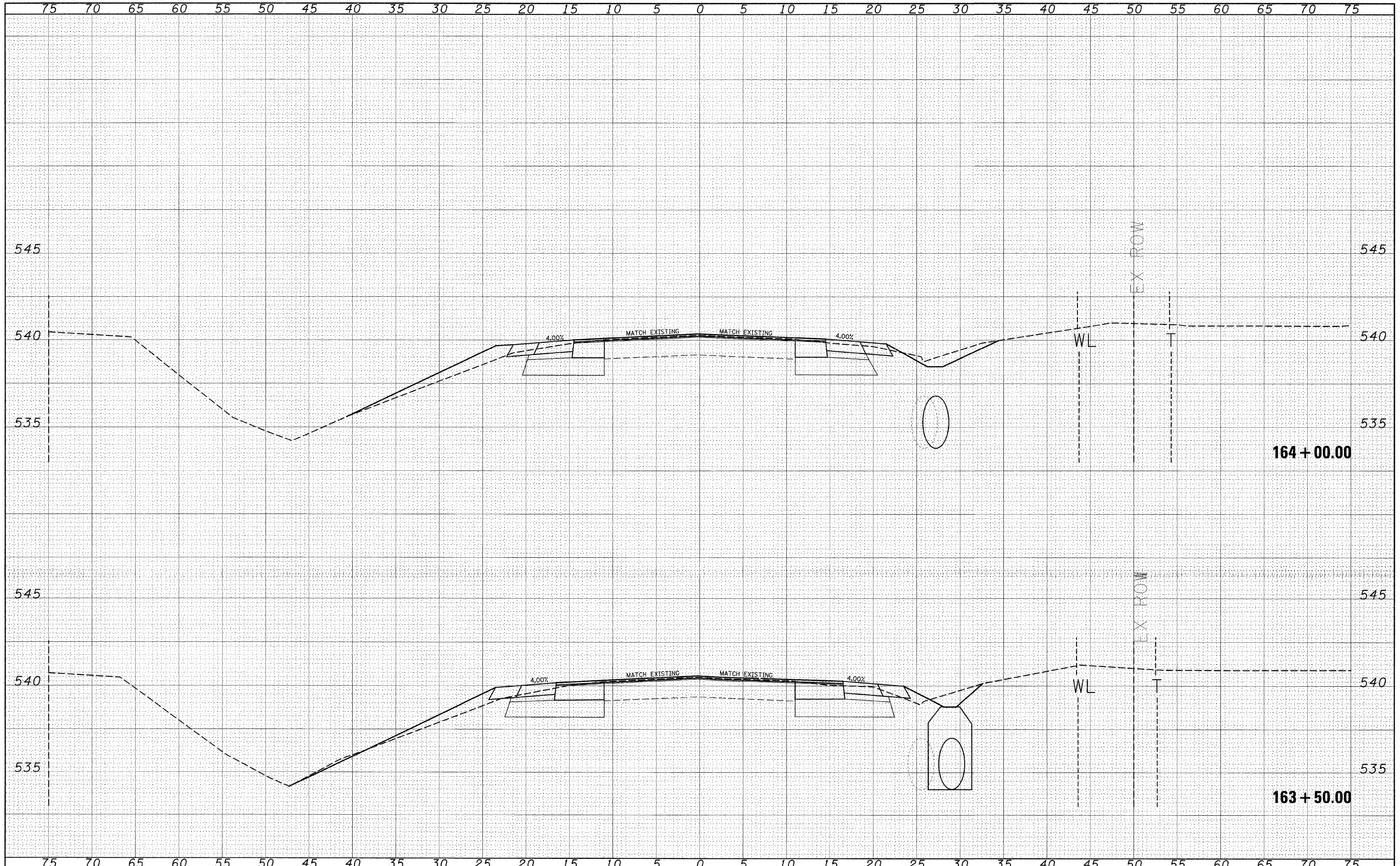


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*FILEL#		DRAWN - ---	REVISED - ---			327	17RS-3	MARION	96	68
		CHECKED - ---	REVISED - ---			CONTRACT NO. 76D42				
		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT				

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 162+86.68 TO STA. 163+00.00

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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

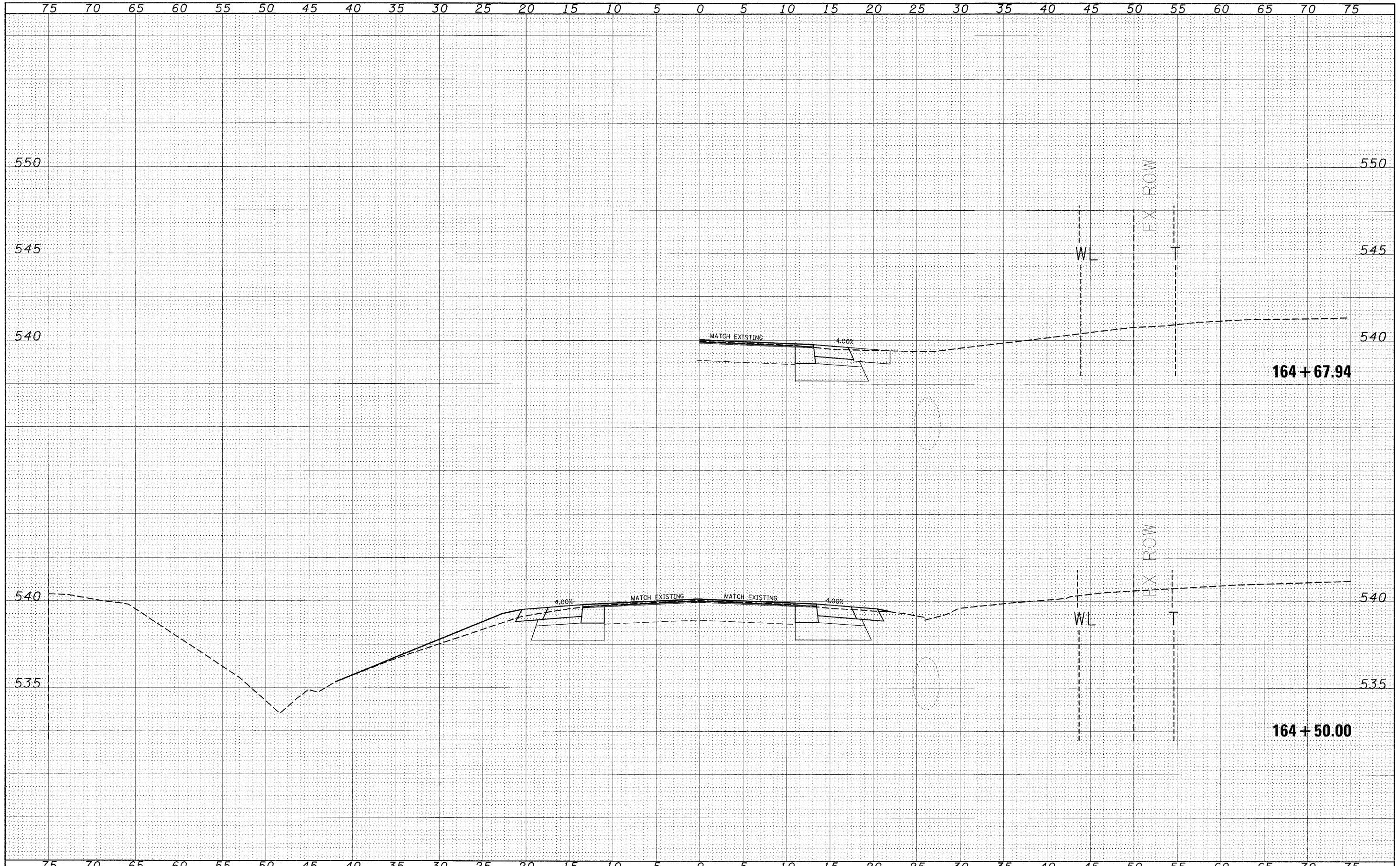
**CROSS SECTIONS
(SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 163+50.00 TO STA. 164+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	69
			CONTRACT NO. 76D42	
ILLINOIS FED. AID PROJECT				

FINAL	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	
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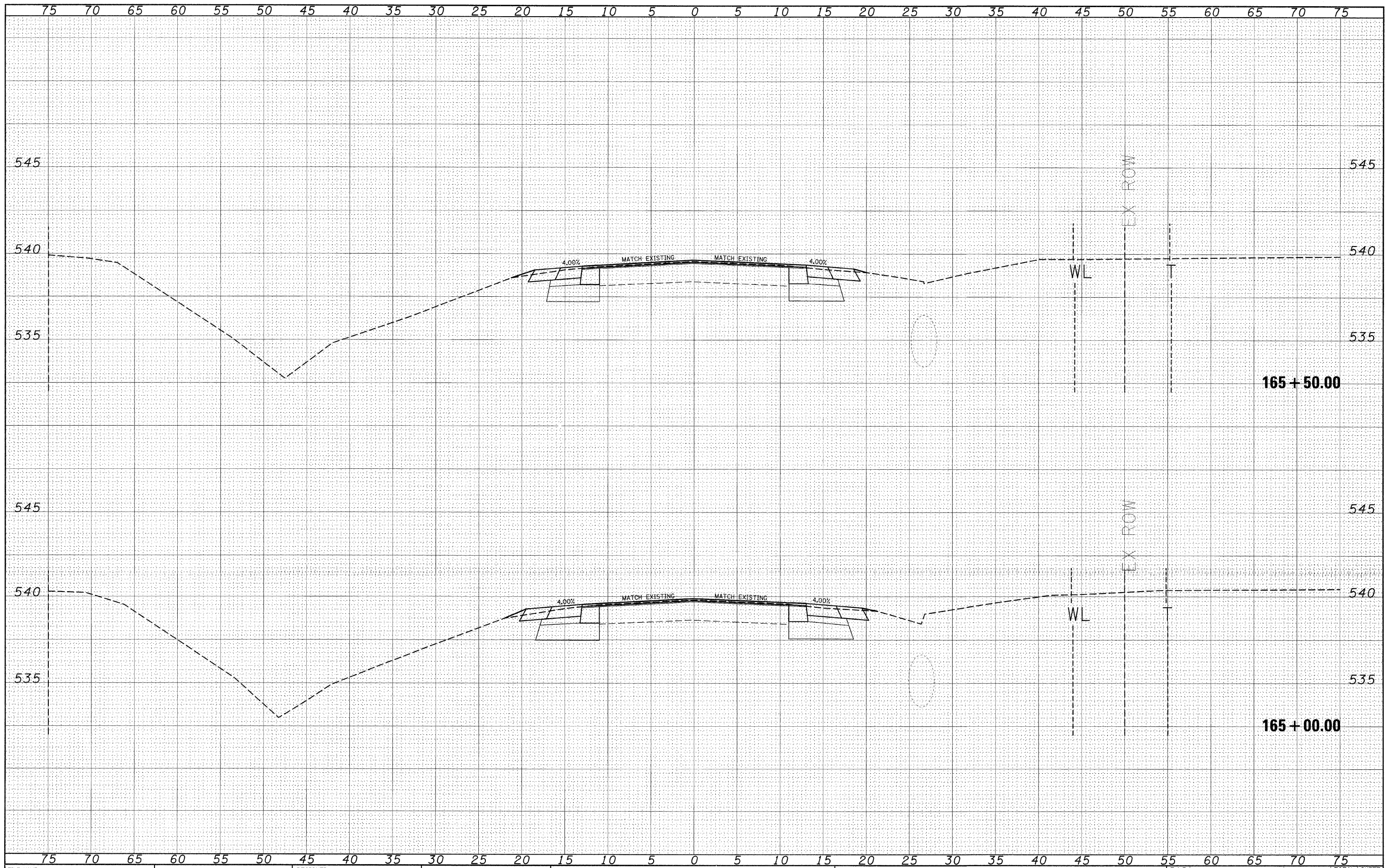
ORIGINAL	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	
AREAS	
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#FILEL*	PLOT SCALE = #SCALE#	DRAWN -	REVISIED -			327	17RS-3	MARION	96	70	
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		DATE -	REVISIED -			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. 164+50.00 TO STA. 164+67.94			

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SURVEYED	
TEMPLATE	
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FILE NAME =
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USER NAME = #USER#	DESIGNED - ---	REVISED - ---
	DRAWN - ---	REVISED - ---
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

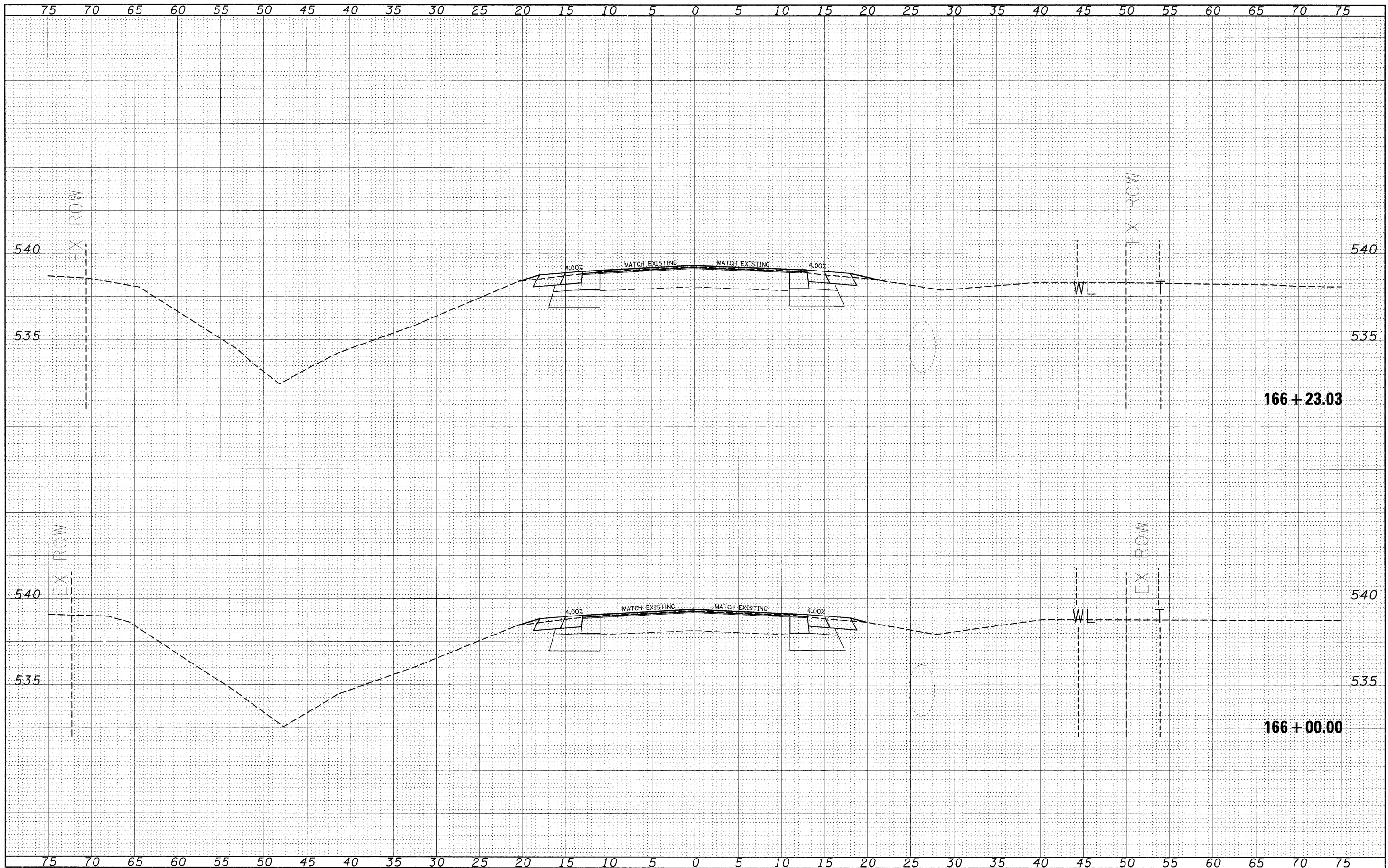
**CROSS SECTIONS
(SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 165+00.00 TO STA. 165+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	71
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

BY	DATE
FINAL SURVEY	
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NOTE BOOK	
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FILE NAME = #FILEL*
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

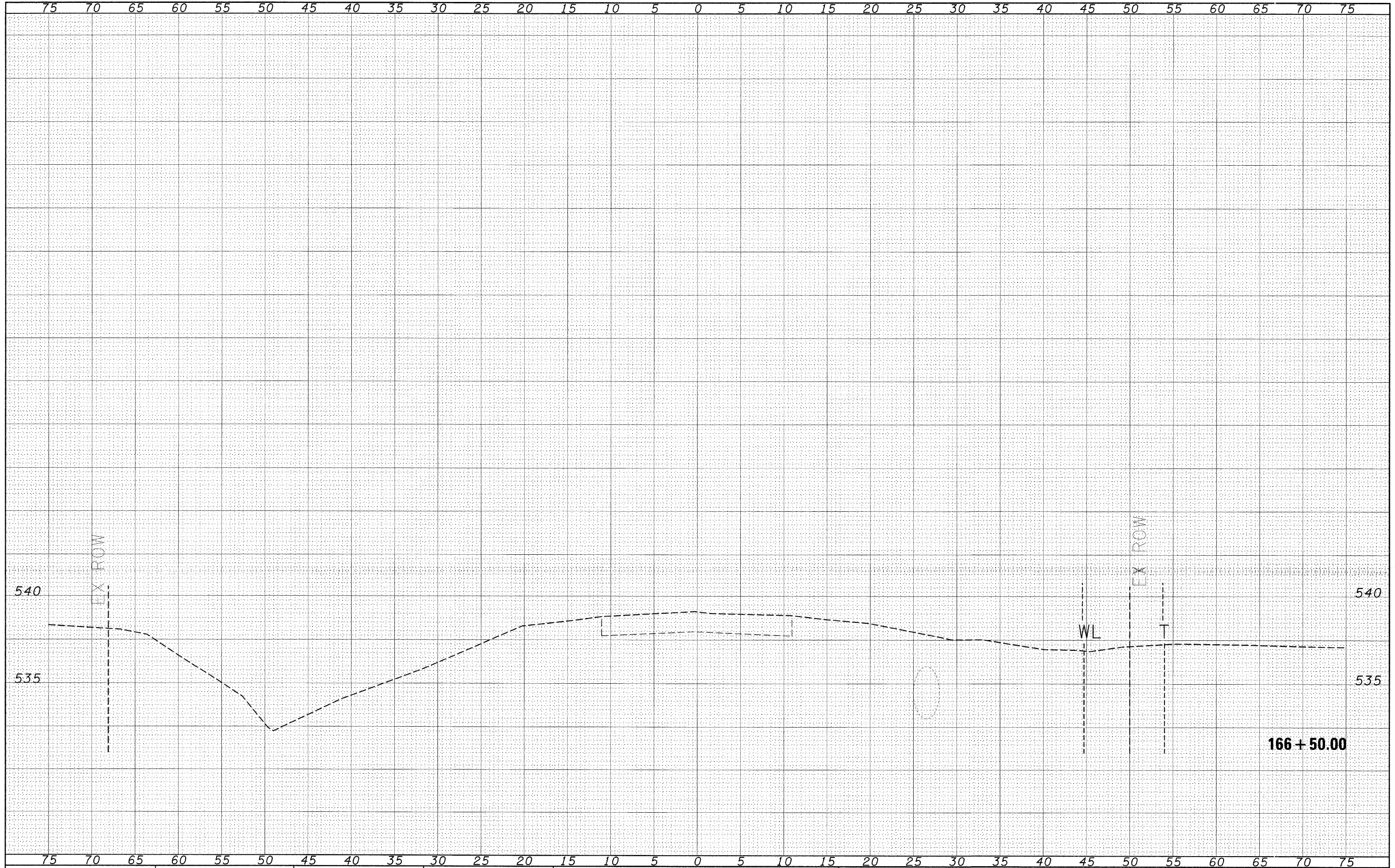
**CROSS SECTIONS
 (SAFETY AREA 1)**

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 166+00.00 TO STA. 166+23.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	72
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

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

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



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	CHECKED - ---
	DATE - ---

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. 166+50.00 TO STA. 166+50.00
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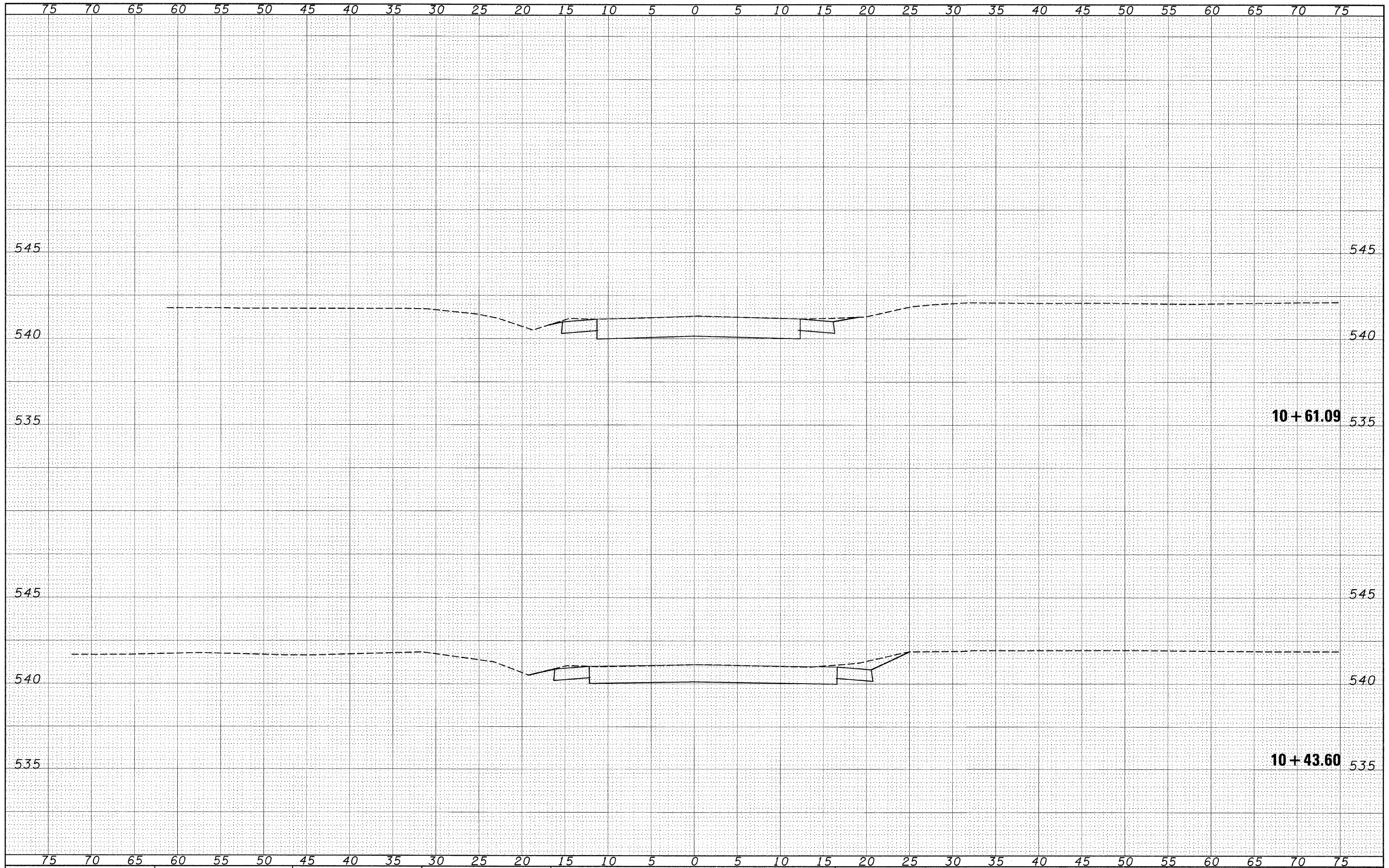
**CROSS SECTIONS
(SAFETY AREA 1)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	73
CONTRACT NO. 76D42				

[ILLINOIS] FED. AID PROJECT

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NOTE BOOK	
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NOTE BOOK	
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USER NAME = dntel\man\j
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 PLOT DATE = 3/16/2010

DESIGNED	-	REVIS	-
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DATE	-	REVIS	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

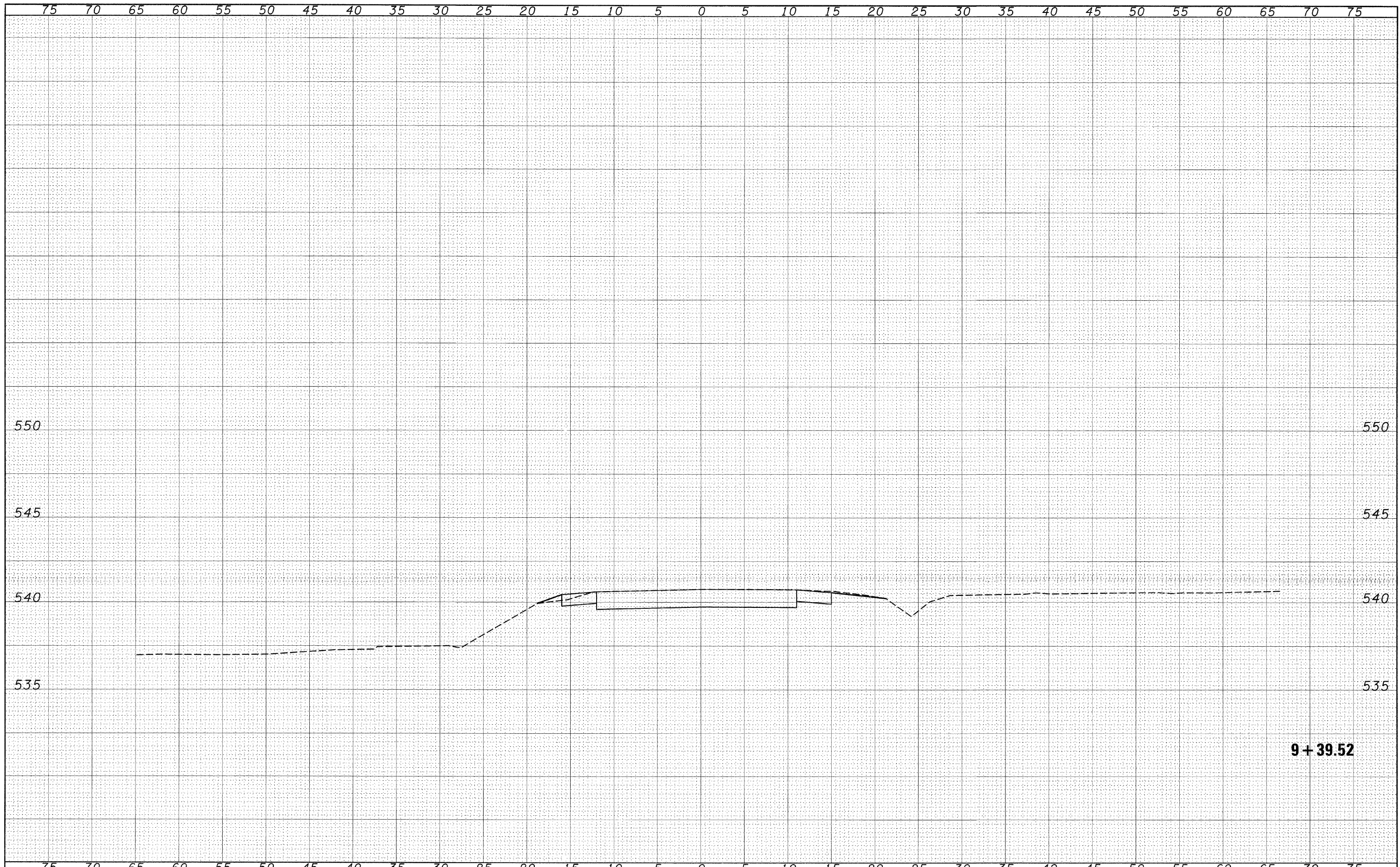
HOOTS CHAPEL ROAD (NORTH)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 10+43.60 TO STA. 10+61.09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	17RS-3	MARION	96	74
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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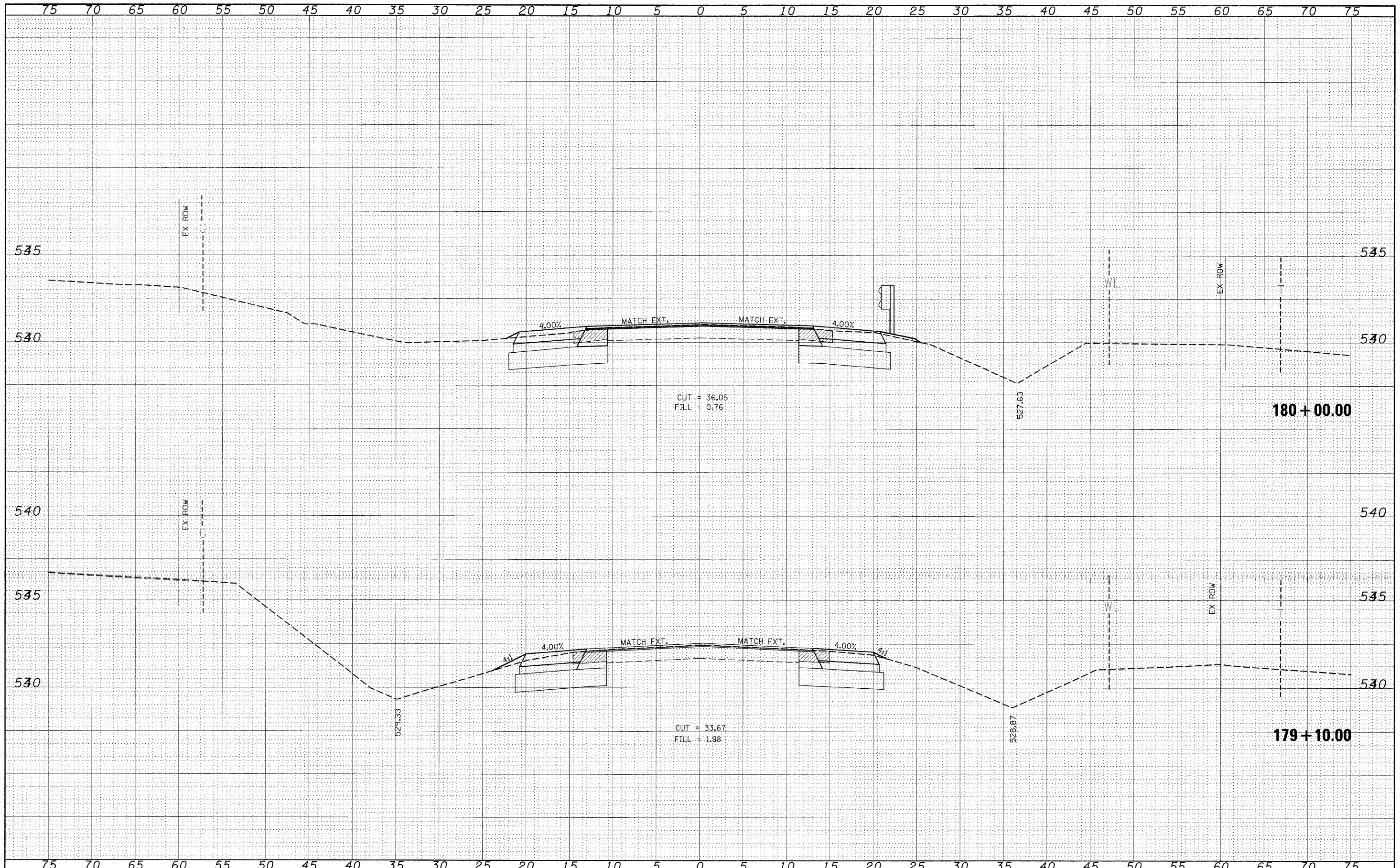
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ORIGINAL SURVEY	
NOTE BOOK	
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	PLOT SCALE = 5.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/16/2010	DATE -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. 9+39.52 TO STA. 9+39.52				

DATE	
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FINAL SURVEY	
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NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
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	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

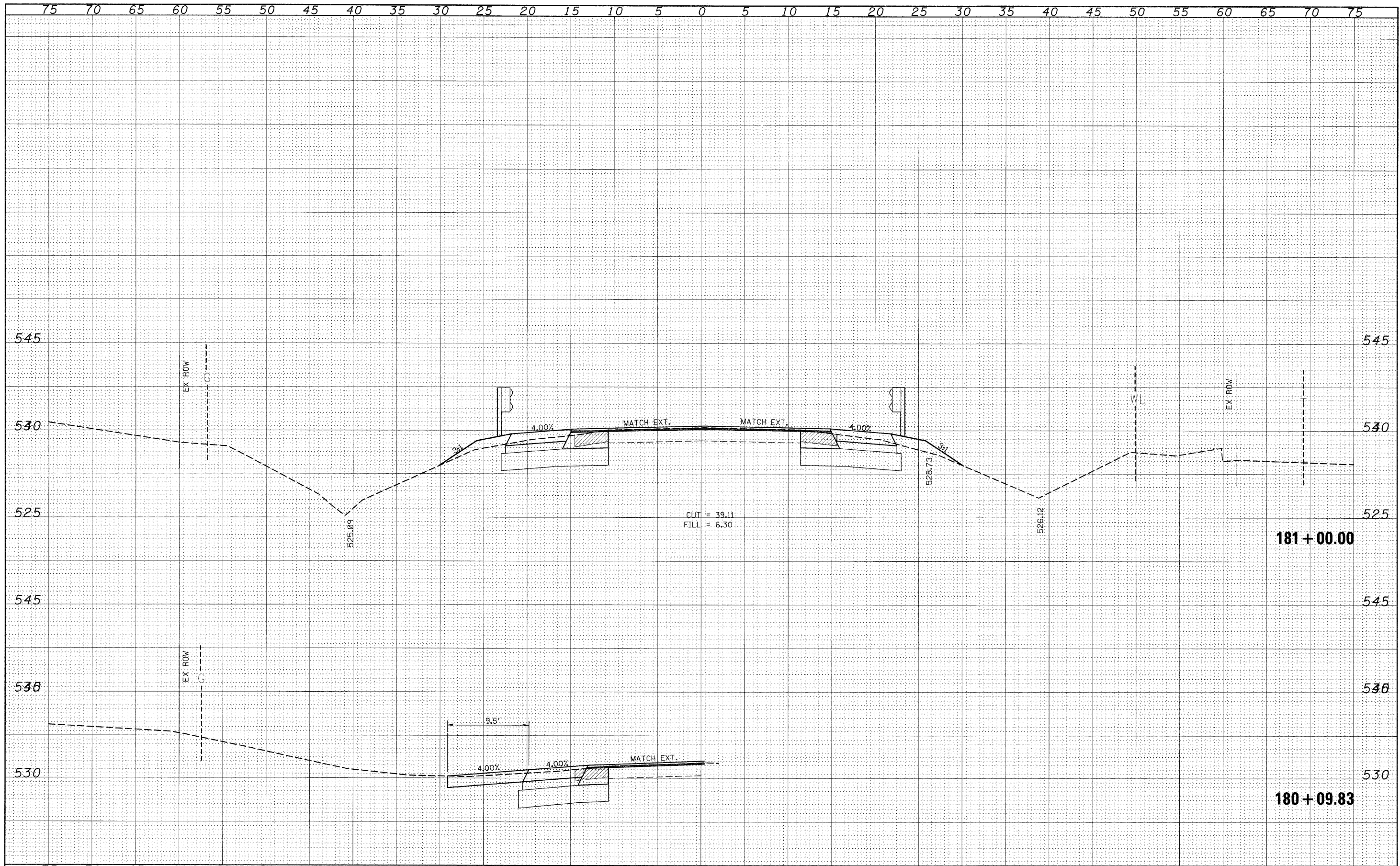
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 179+10.00 TO STA. 180+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	77
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

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FILE NAME =
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

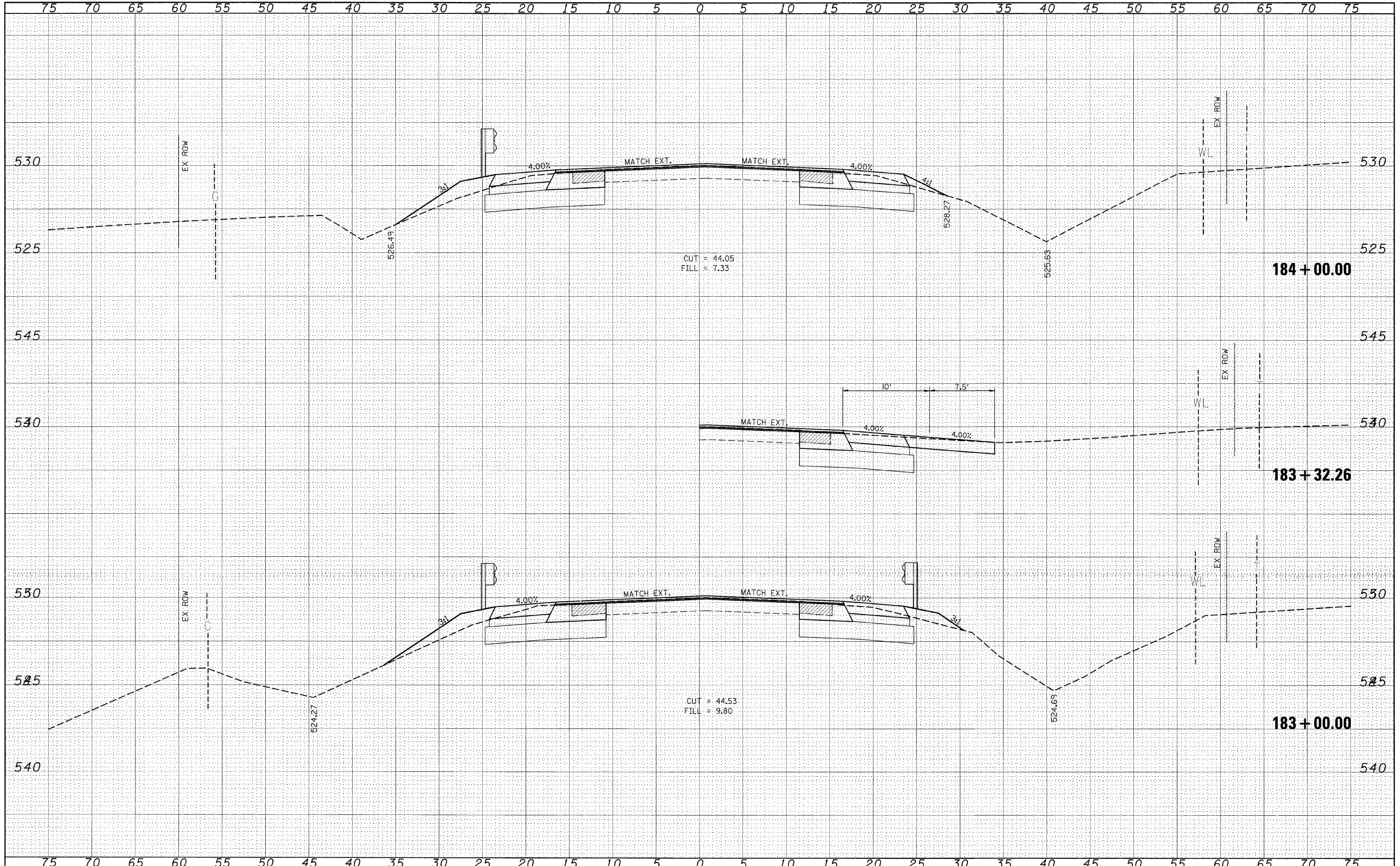
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 180+09.83 TO STA. 181+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	78
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

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SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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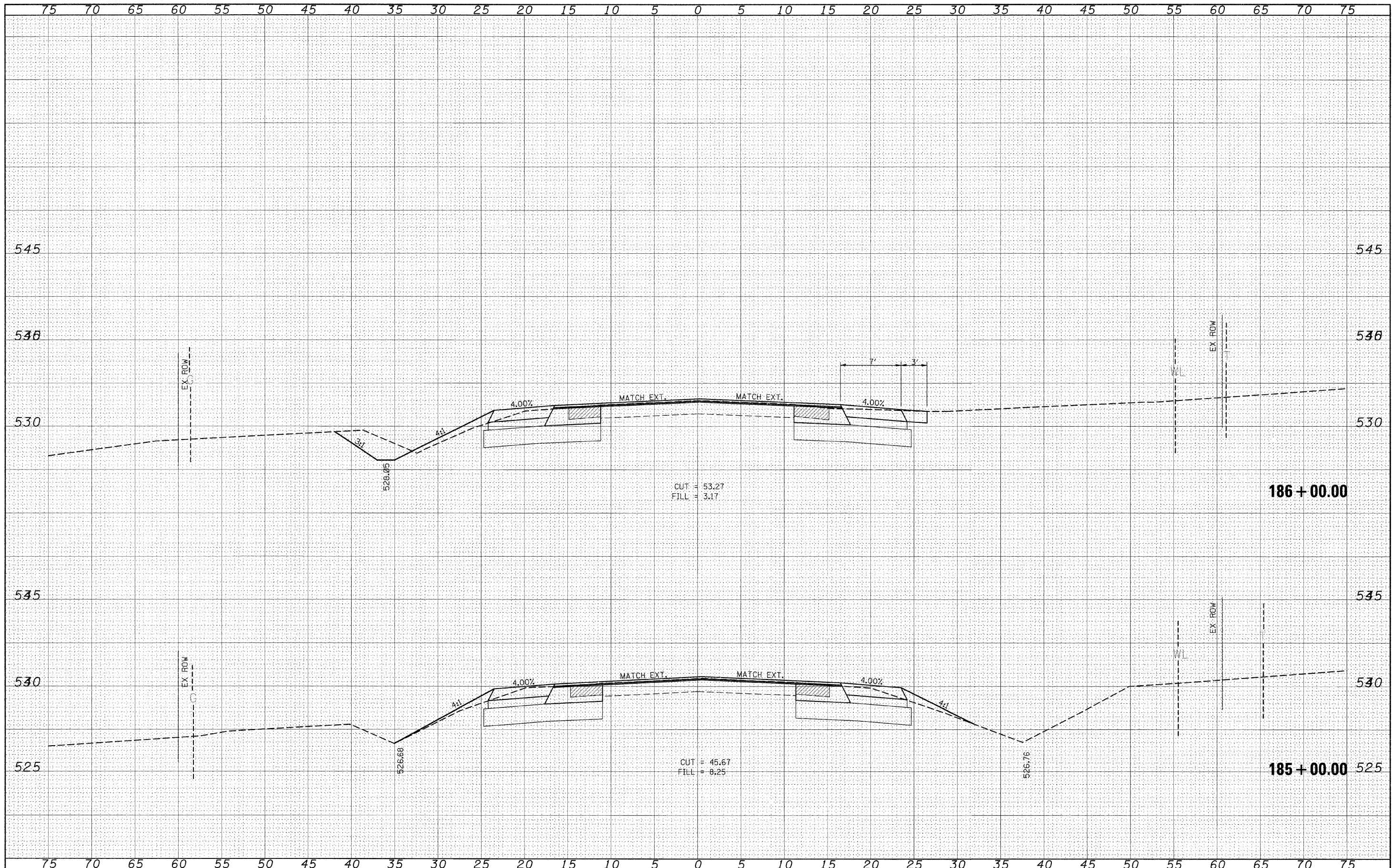


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		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT					

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 183+00.00 TO STA. 184+00.00

FINAL SURVEY	DATE
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NOTE BOOK	
TEMPLATE	
AREAS	
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ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

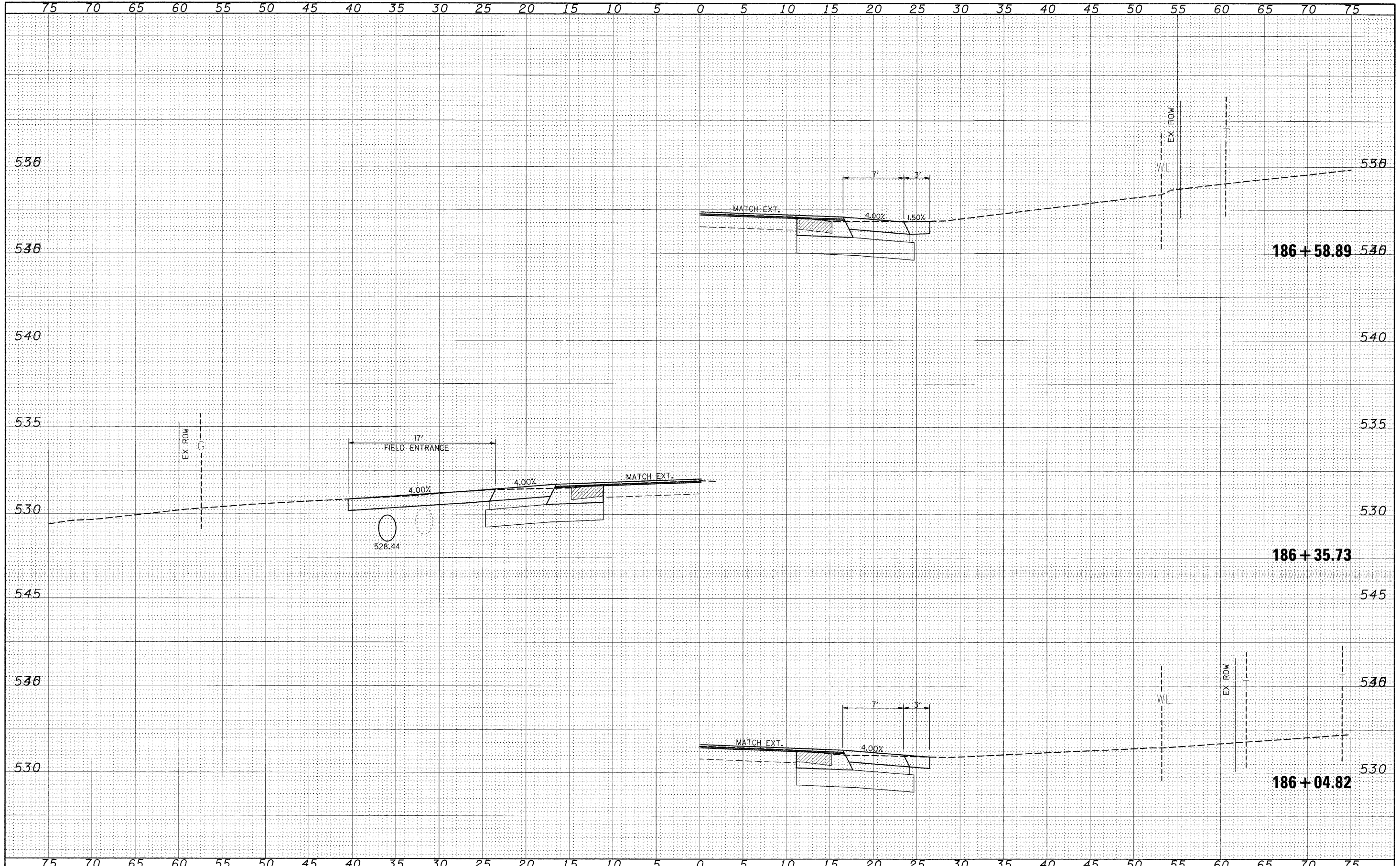
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 185+00.00 TO STA. 186+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	80
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

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 SURVEYED _____
 SURVEY _____
 NOTE BOOK _____
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 BY _____
 ORIGINAL SURVEY _____
 SURVEY _____
 NOTE BOOK _____
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FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

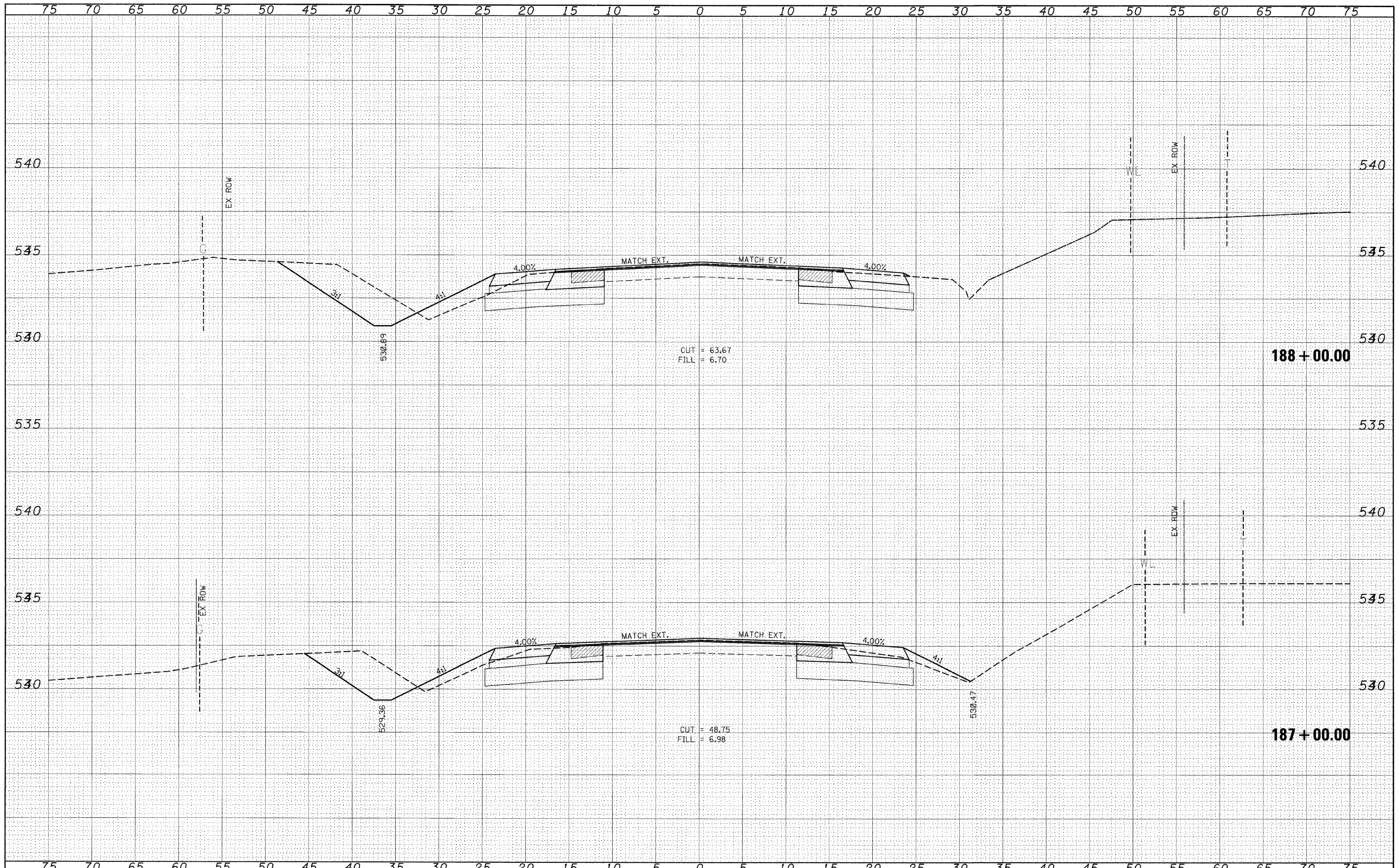
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 186+04.82 TO STA. 186+58.89

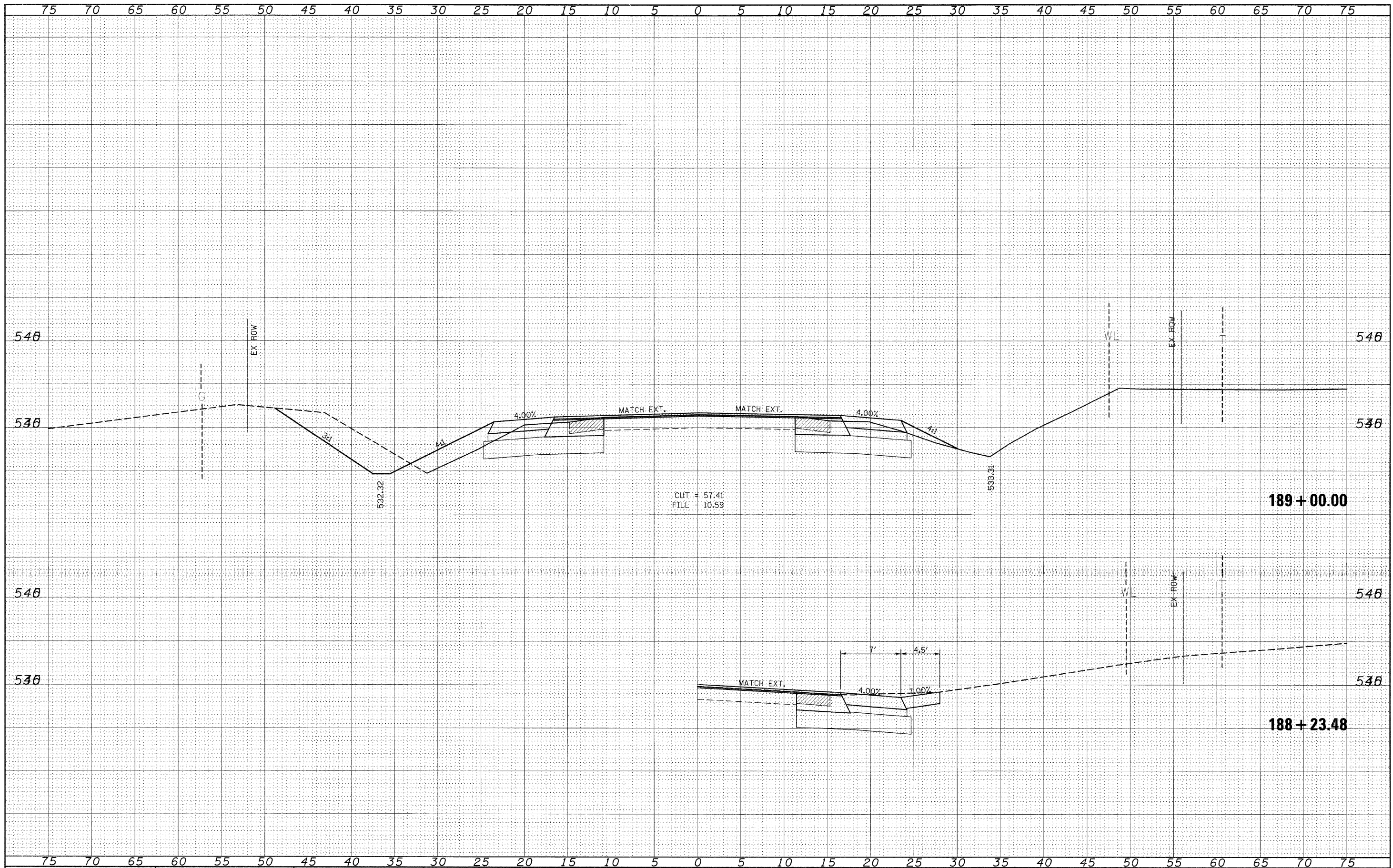
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	81
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	
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DATE	
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ORIGINAL SURVEY	
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FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED -			SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. 187+00.00 TO STA. 188+00.00					



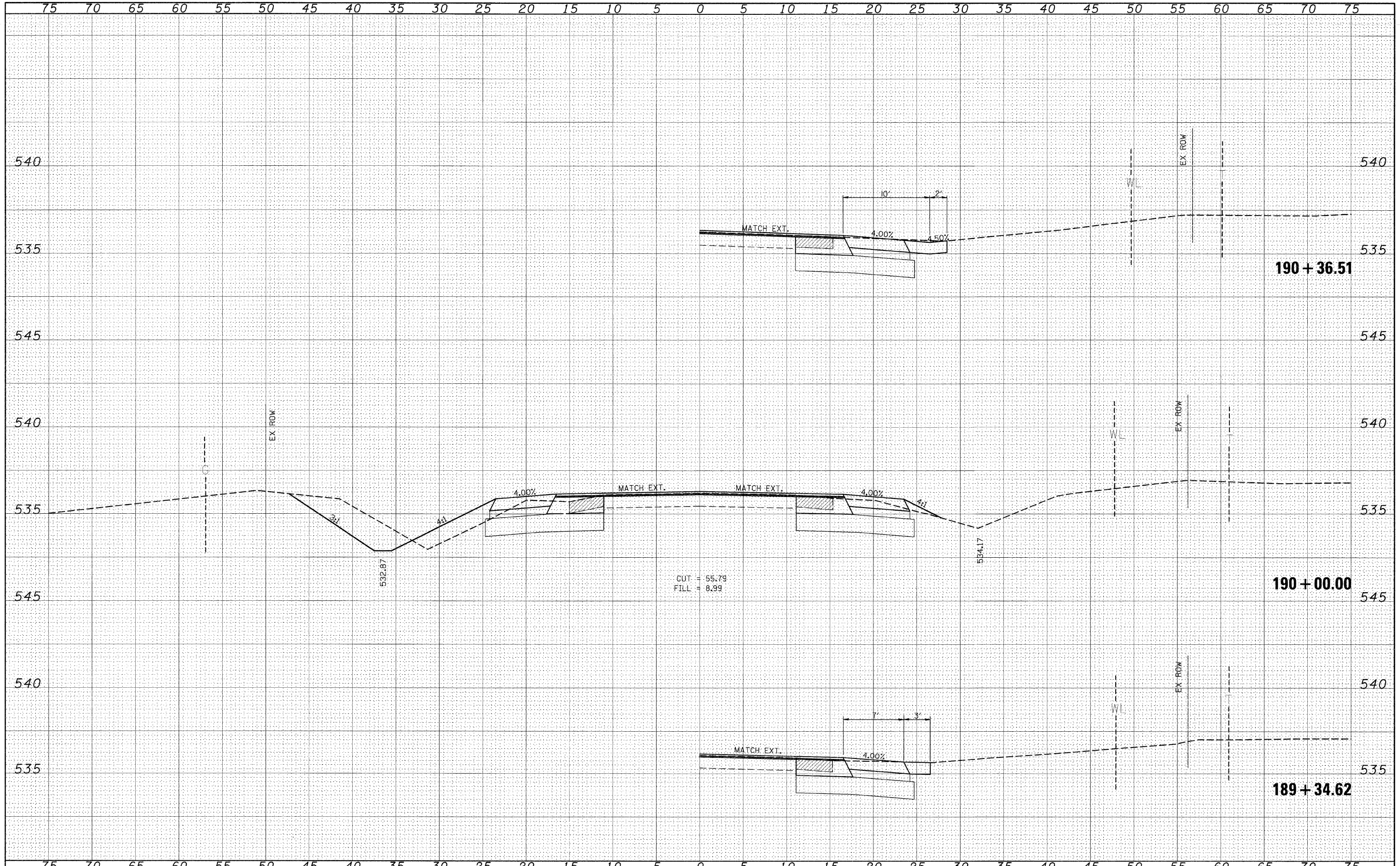
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FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 2)		F.A.P. RTE. 329	SECTION 17RS-3	COUNTY MARION	TOTAL SHEETS 96	SHEET NO. 83	
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	PLOT DATE = #DATE#	CHECKED - ---	REVISED - ---		ILLINOIS FED. AID PROJECT							
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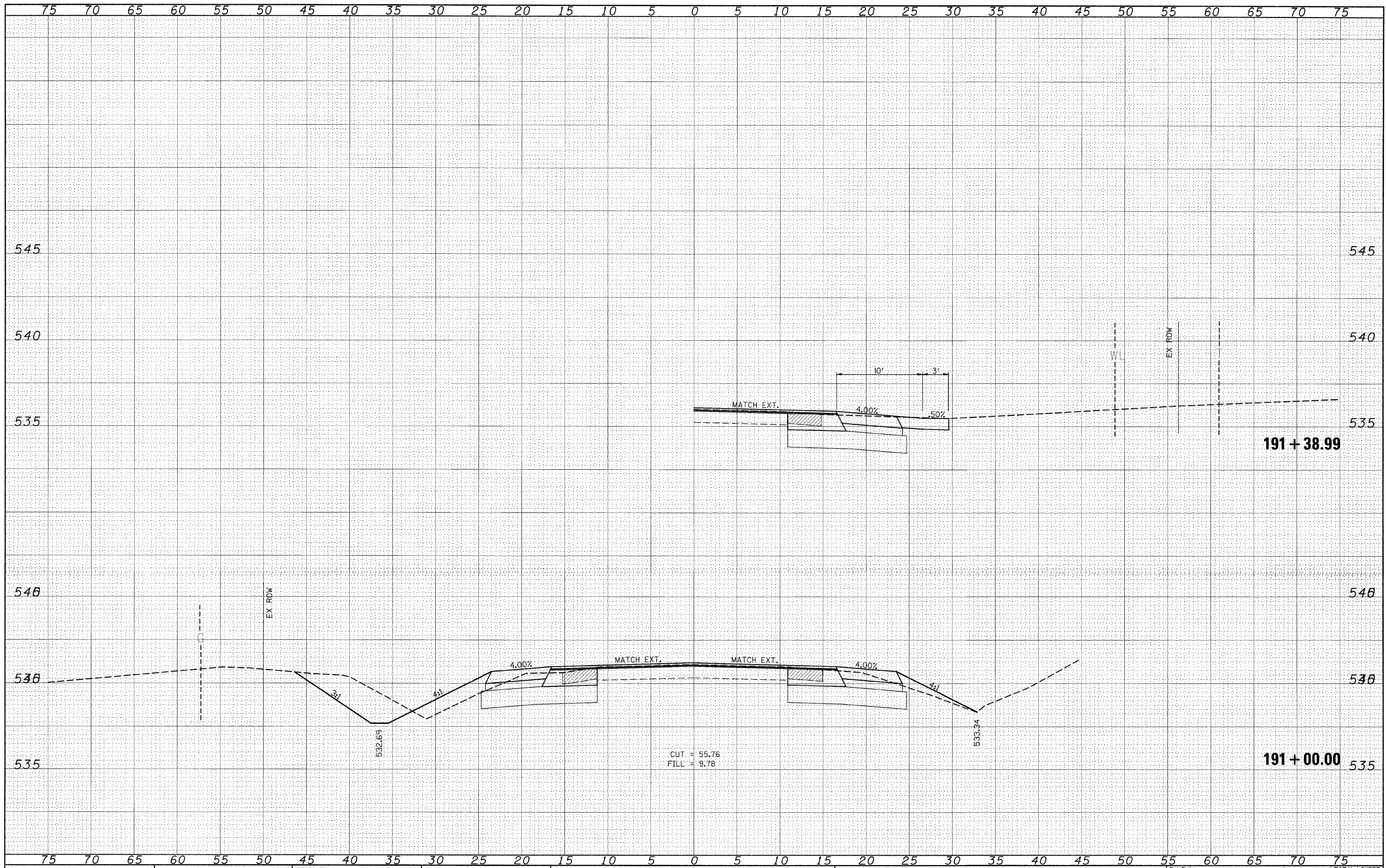


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		CHECKED -	REVISED -			CONTRACT NO. 76D42					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 189+34.62 TO STA. 190+36.51

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BY	
FINAL SURVEY	
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NOTE BOOK	
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FILE NAME =
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	DRAWN - ---	REVISED - ---
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

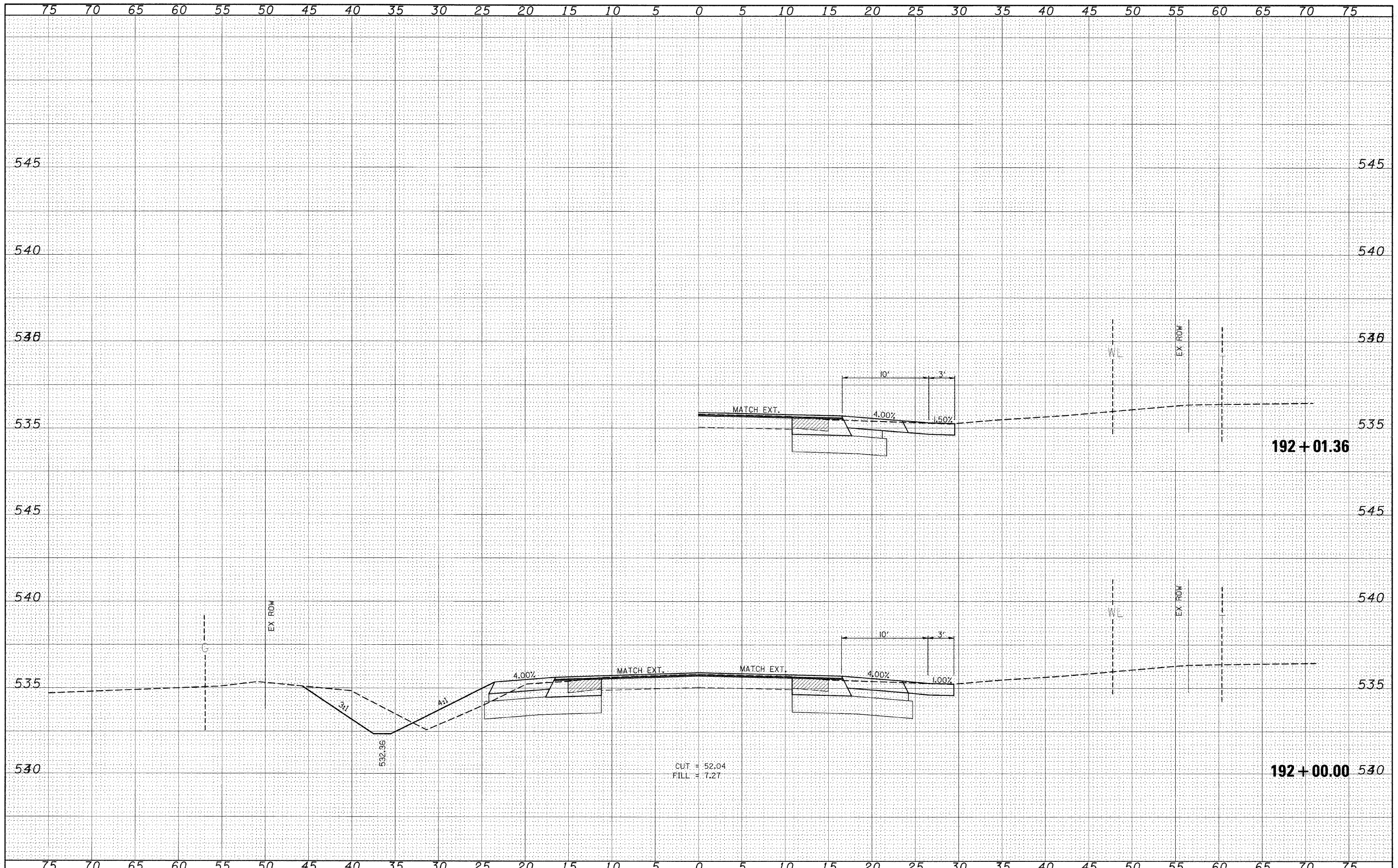
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 191+00.00 TO STA. 191+38.99

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	85
CONTRACT NO. 76D42				
ILLINOIS FED. AID PROJECT				

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TEMPLATE	
NOTE BOOK	
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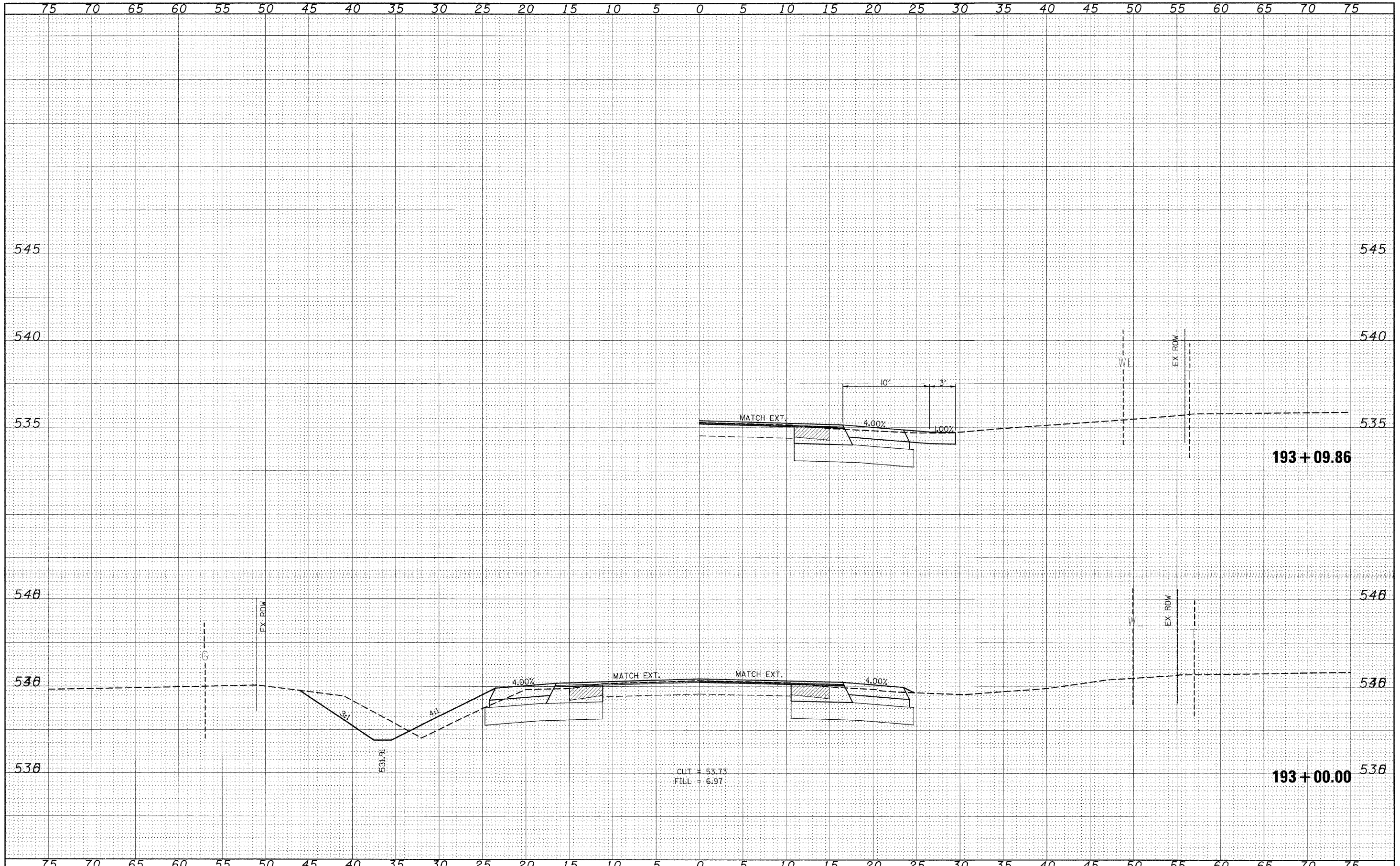


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PLOT DATE = #DATE#		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT					

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 192+00.00 TO STA. 192+01.36

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FINAL SURVEY	
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

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ORIGINAL SURVEY	
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

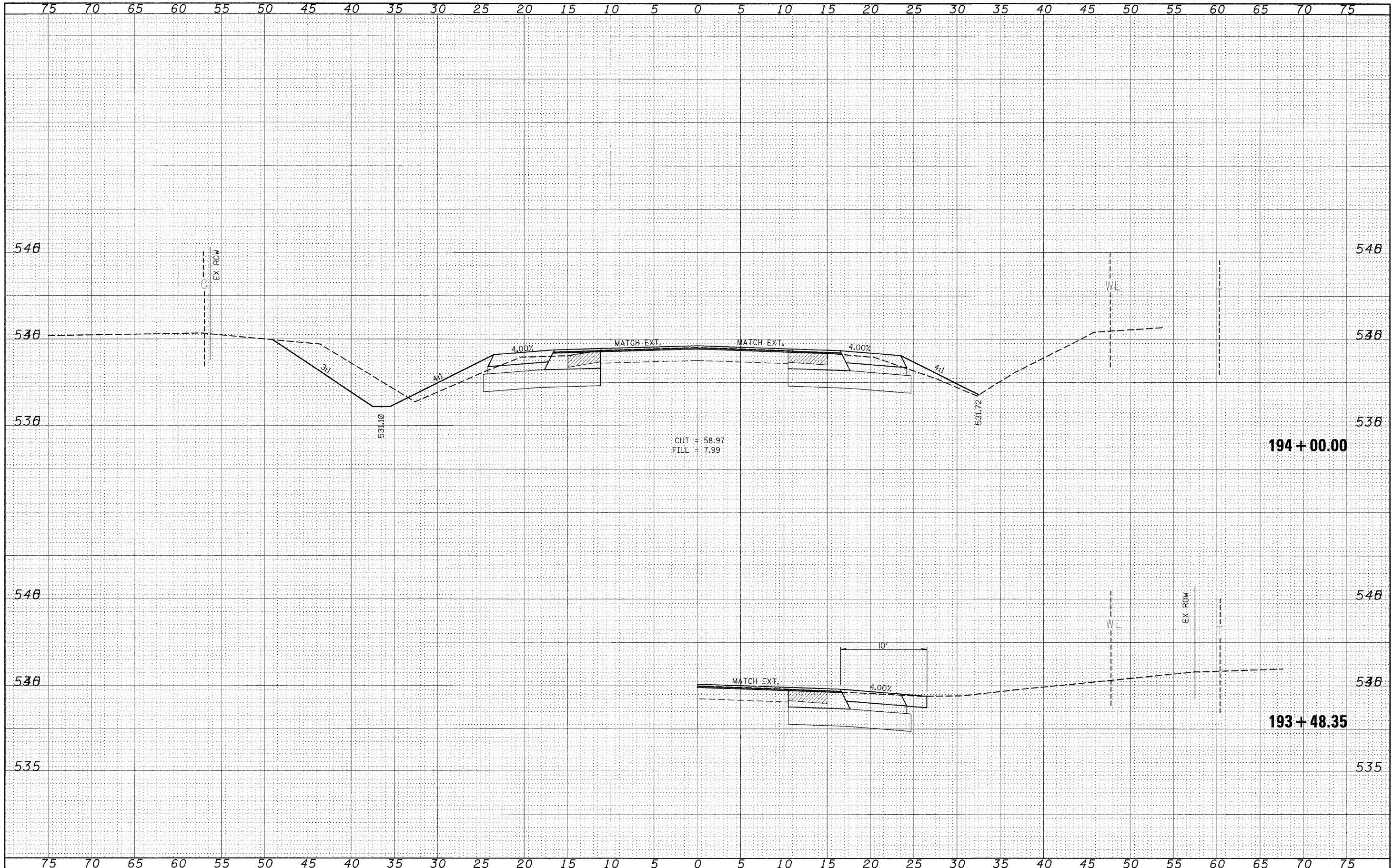


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#FILE#		DRAWN - ---	REVISED - ---			329	17RS-3	MARION	96	87	
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PLOT DATE = #DATE#		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT					

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 193+00.00 TO STA. 193+09.86

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

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



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DESIGNED -
DRAWN -
PLOT SCALE = *SCALE*
CHECKED -
PLOT DATE = *DATE*
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

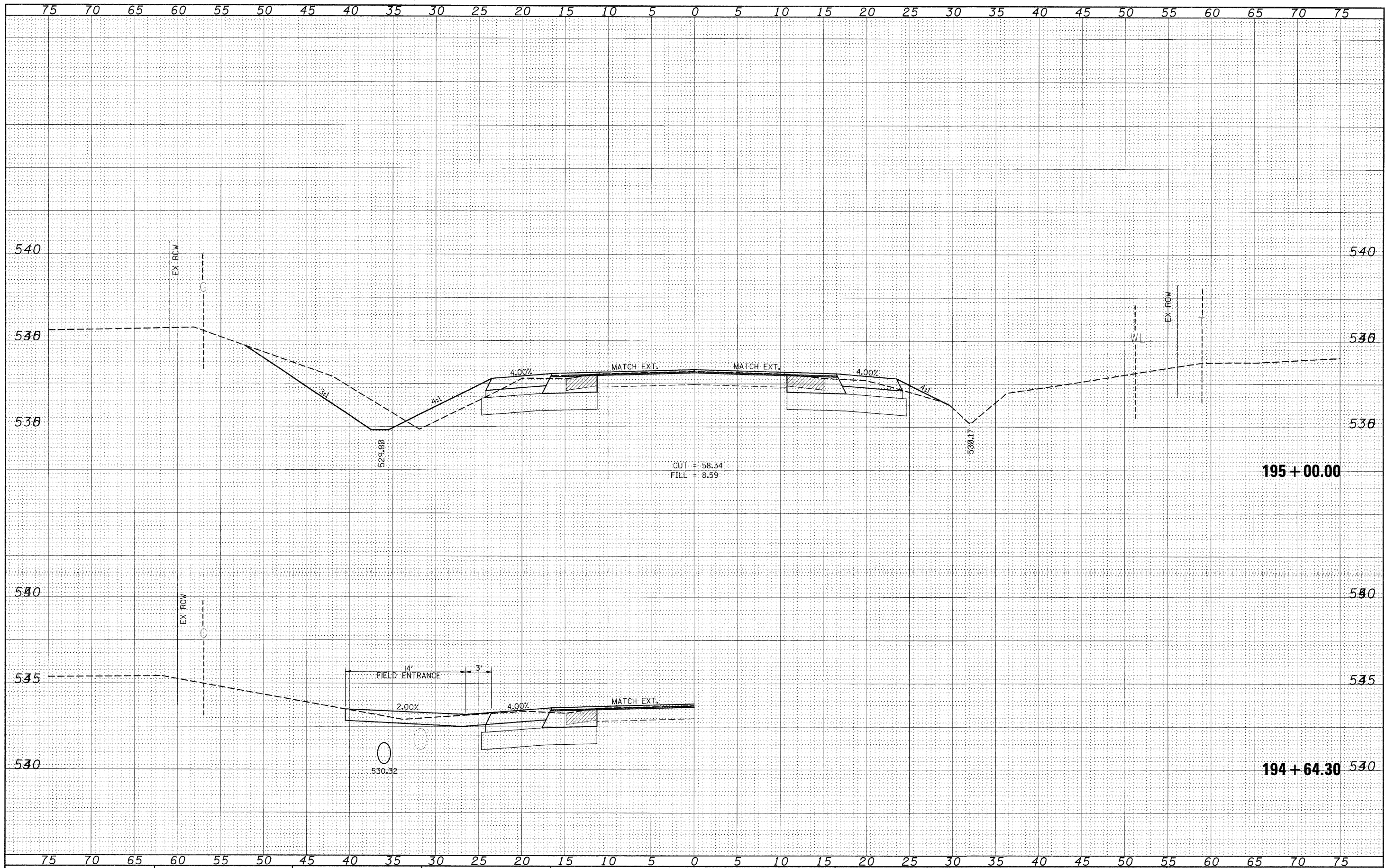
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 193+48.35 TO STA. 194+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	88
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = _____
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 PLDT DATE = #DATE#

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 DRAWN - ___
 CHECKED - ___
 DATE - _____

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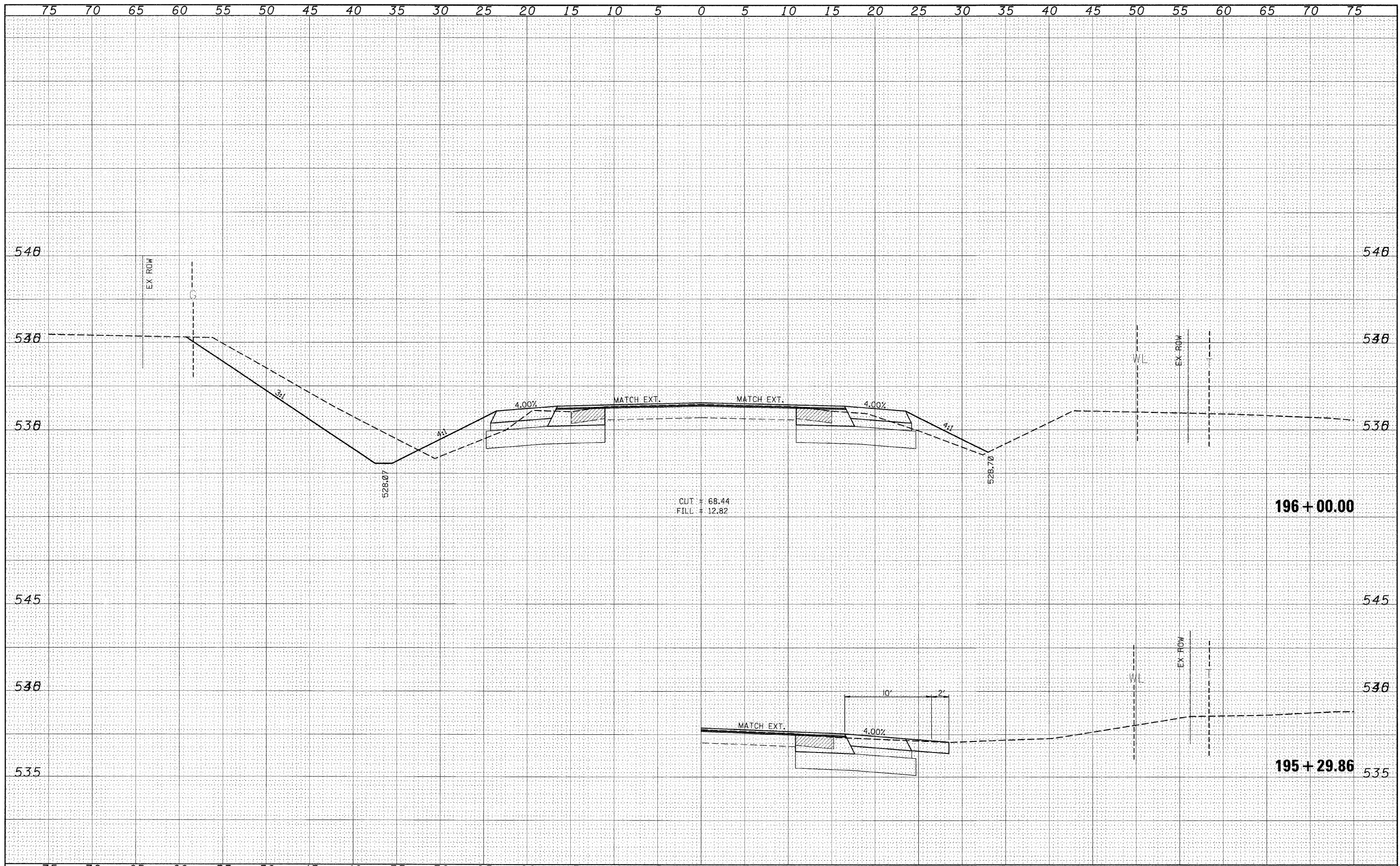
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS (SAFETY AREA 2)
 SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 194+64.30 TO STA. 195+00.00

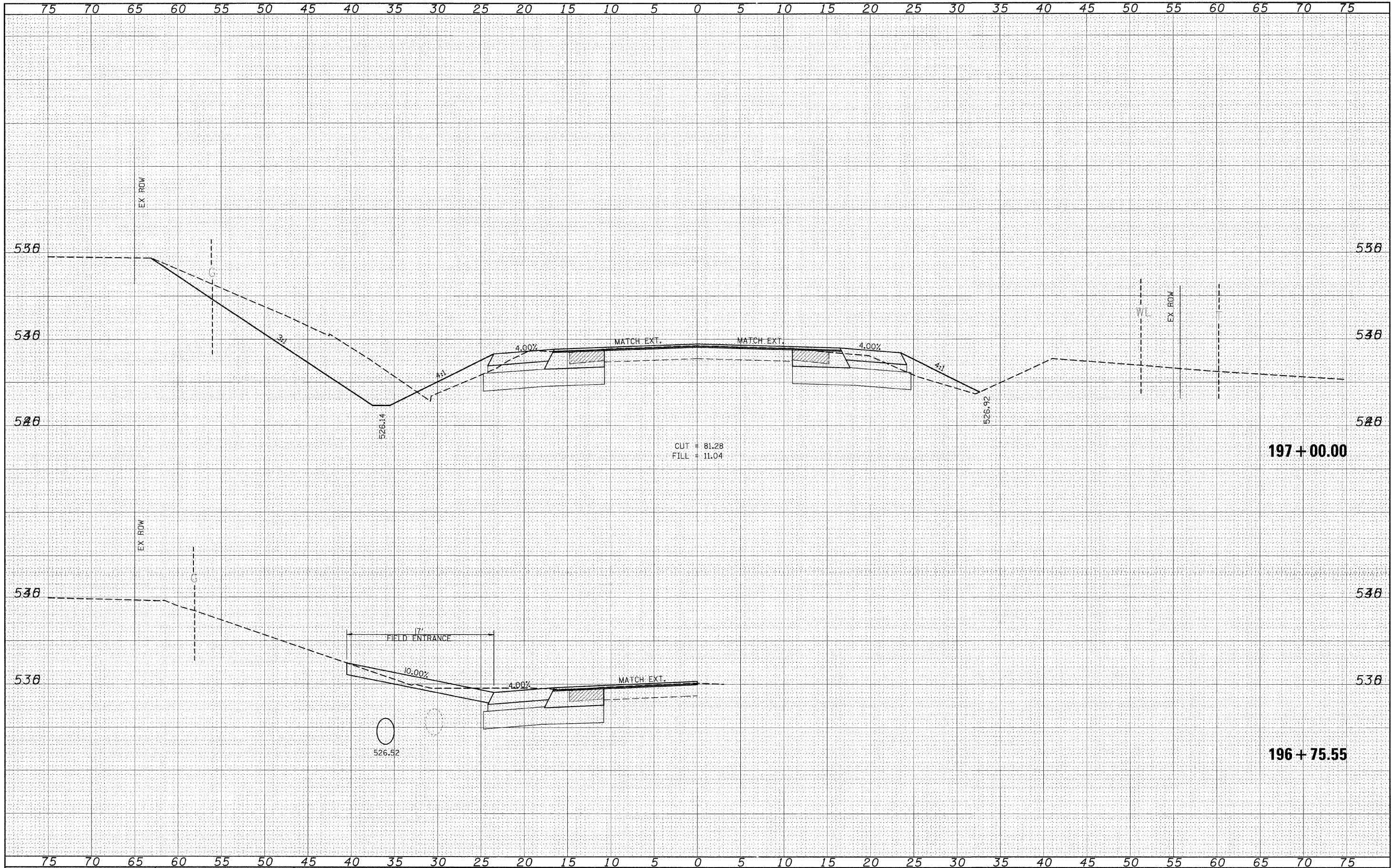
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	89
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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						SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 195+23.86 TO STA. 196+00.00					



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

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
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PLOT DATE = #DATE#

DESIGNED - ---
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

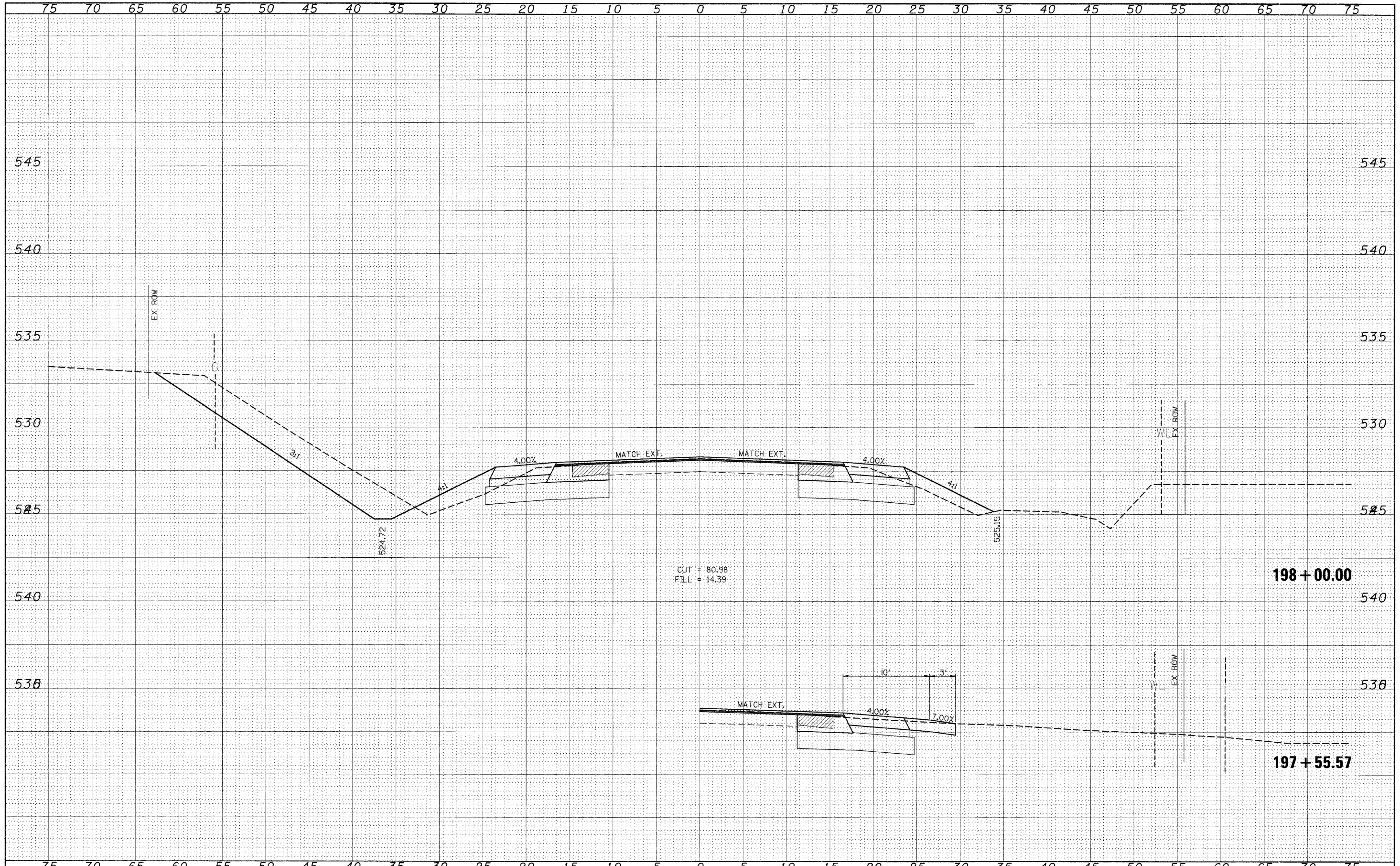
CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 196+75.55 TO STA. 197+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	91
			CONTRACT NO. 7642	
[ILLINOIS] FED. AID PROJECT				

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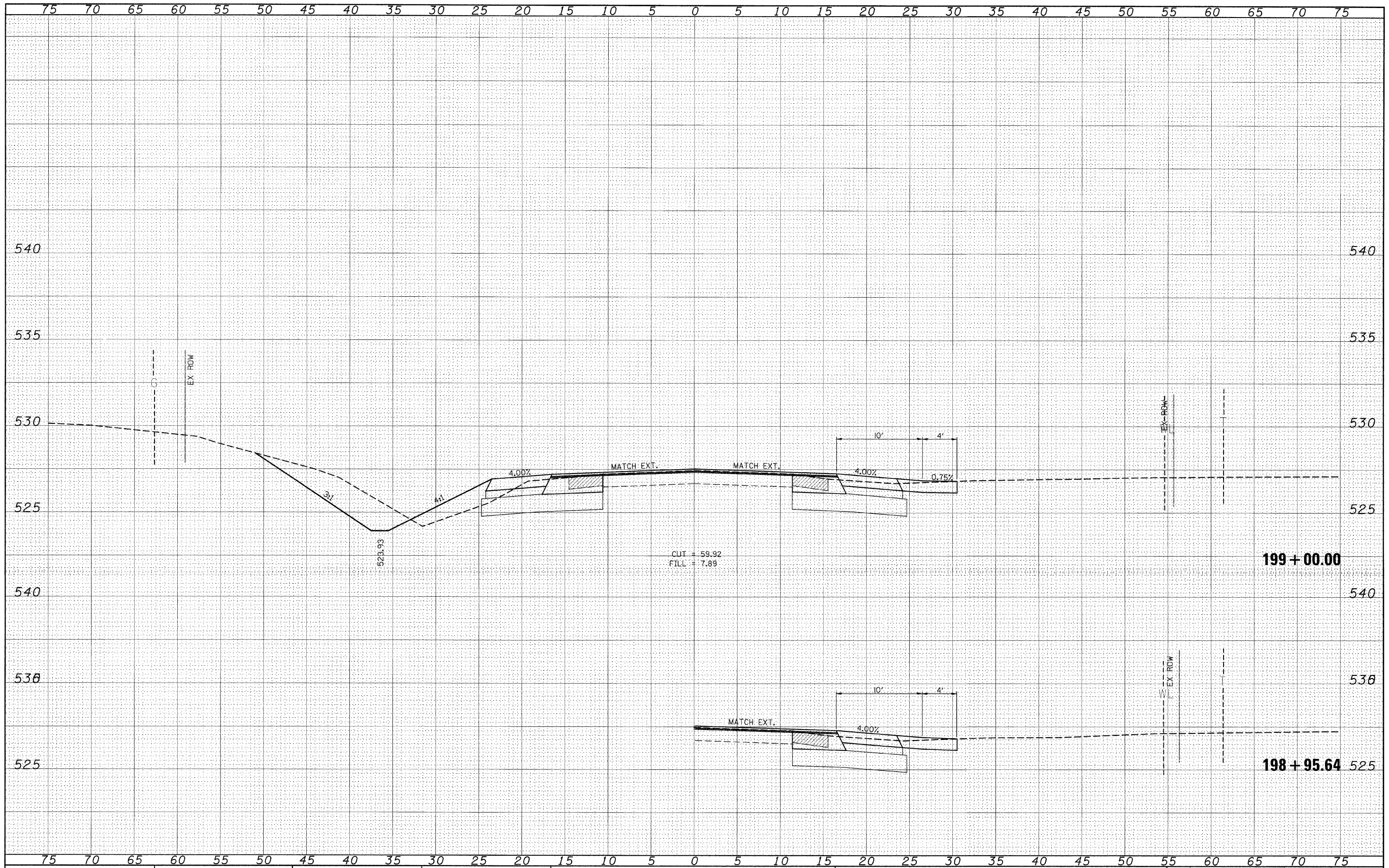
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BY	
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SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN -	REVISED -			329	17RS-3	MARION	96	92
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PLOT DATE = #DATE#		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: _____	SHEET NO. ___ OF ___ SHEETS		STA. 197+55.57 TO STA. 198+00.00		

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

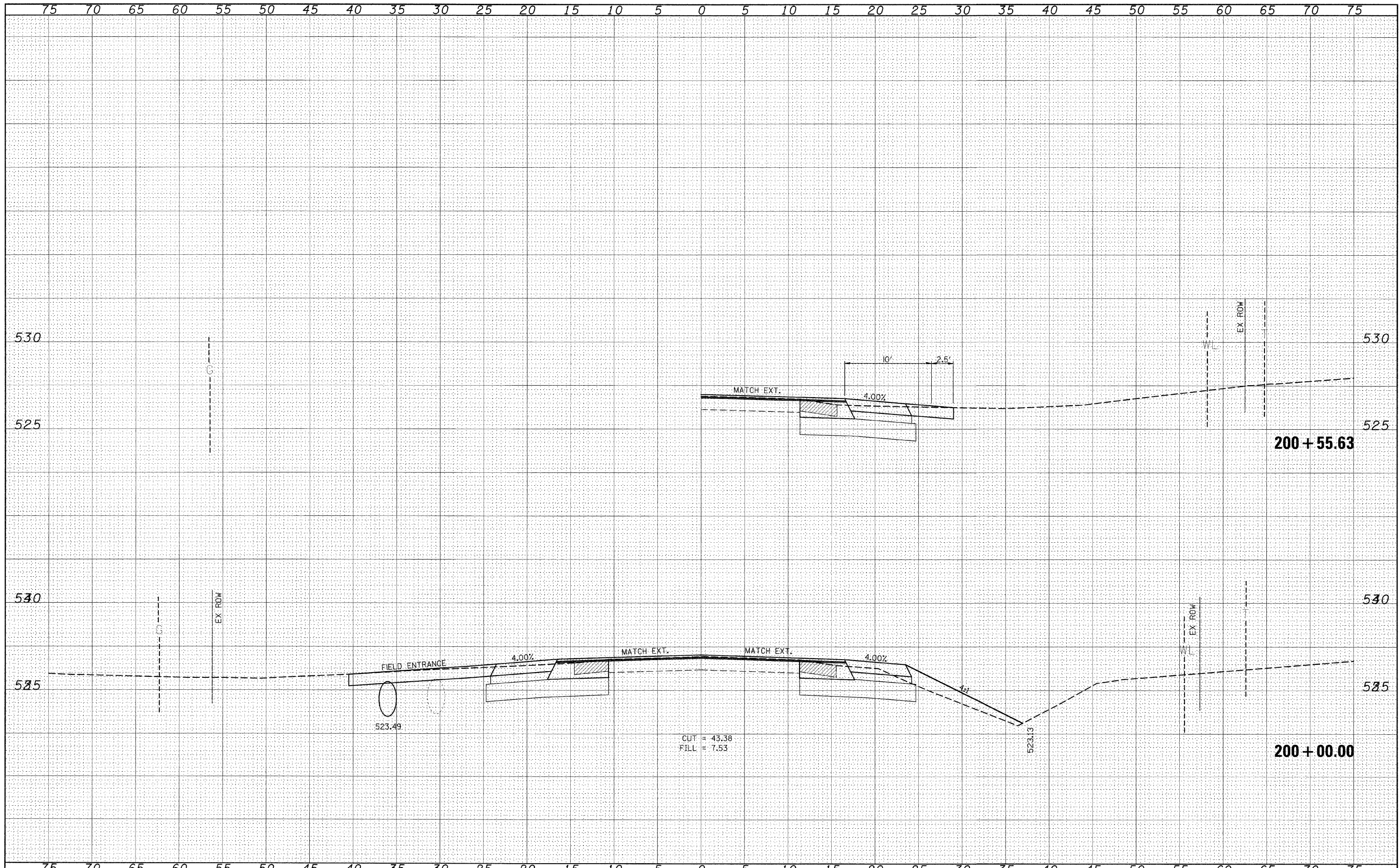
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 BY _____
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 SURVEY _____
 NOTE BOOK _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 2)		F.A.P. RTE. 329	SECTION 17RS-3	COUNTY MARION	TOTAL SHEETS 96	SHEET NO. 93
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	PLCT DATE = *DATE*	CHECKED -	REVISIED -								
		DATE -	REVISIED -								

DATE	
BY	
SURVEYED	
TEMPERATURE	
NOTE BOOK	
AREAS CHECKED	
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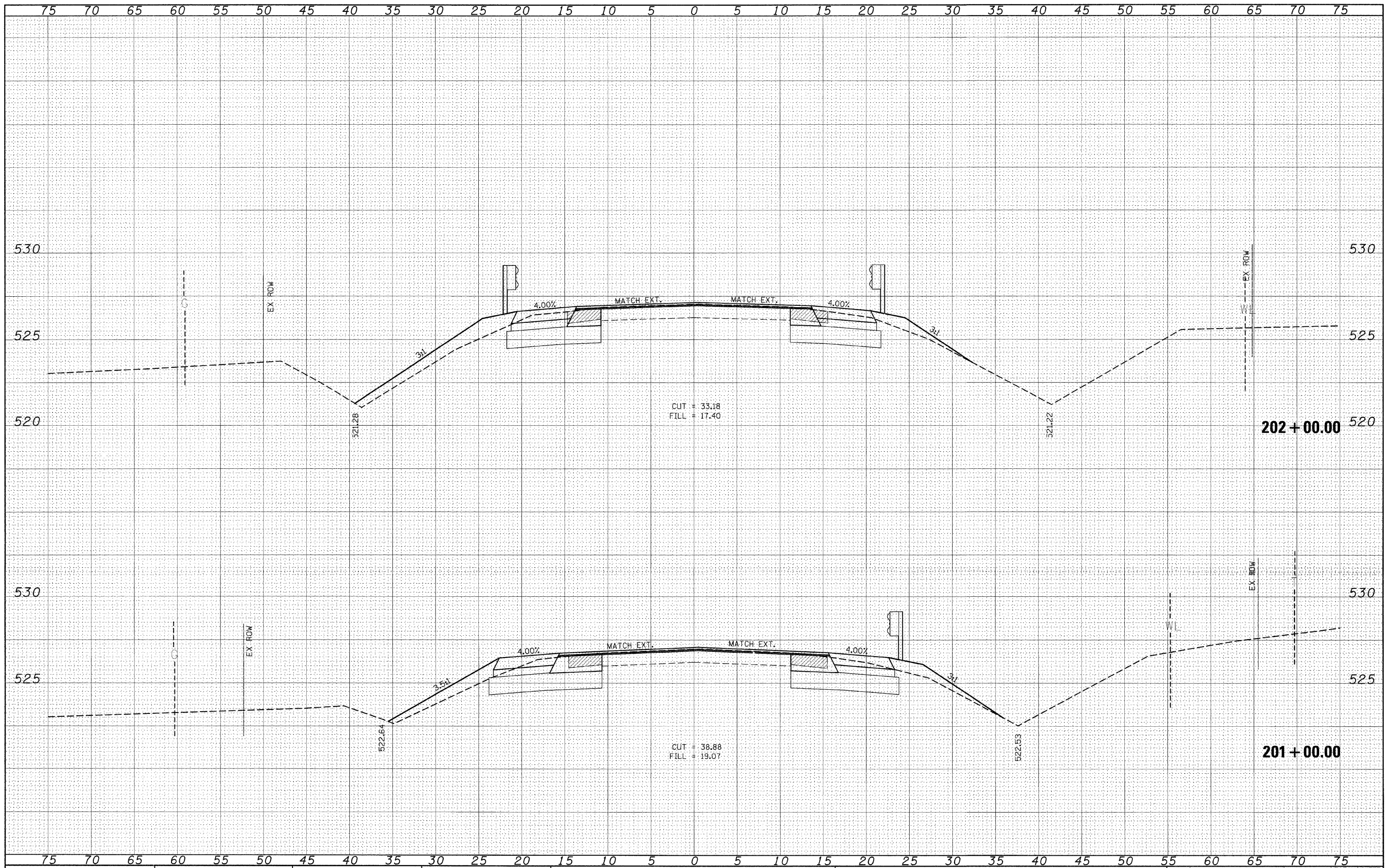
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BY	
SURVEYED	
TEMPERATURE	
NOTE BOOK	
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FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS (SAFETY AREA 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -			CONTRACT NO. 76D42					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: _____	SHEET NO. ___ OF ___ SHEETS		STA. 200+00.00 TO STA. 200+55.63			

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

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



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

DESIGNED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

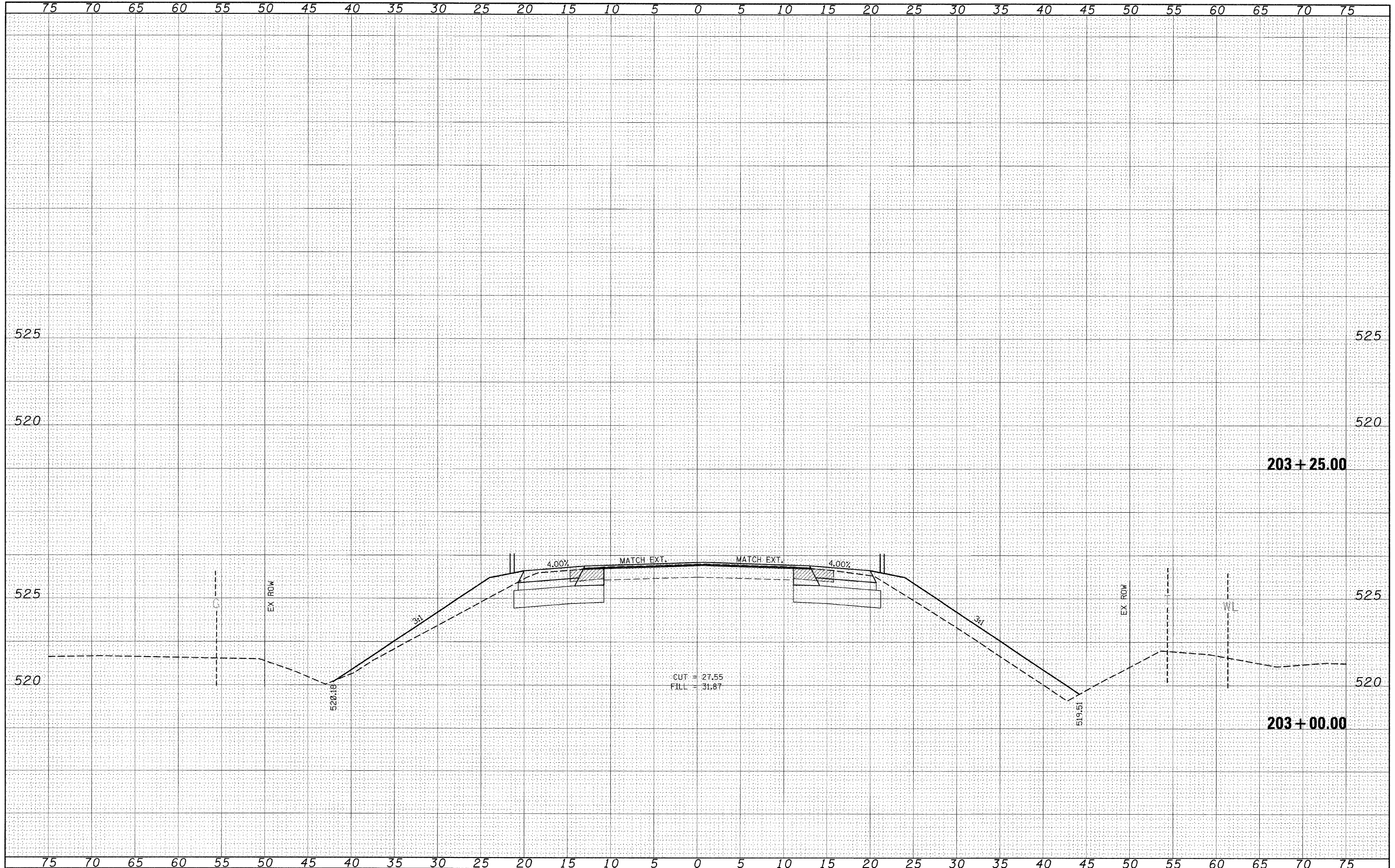
CROSS SECTIONS (SAFETY AREA 2)

SCALE: SHEET NO. OF SHEETS STA. 201+00.00 TO STA. 202+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17RS-3	MARION	96	95
				CONTRACT NO. 76D42
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
TEMPLATE	
NOTE BOOK	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS (SAFETY AREA 2)

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 203+00.00 TO STA. 203+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	17R5-3	MARION	96	96
CONTRACT NO. 76D42			ILLINOIS FED. AID PROJECT	