

INDEX OF SHEETS

03-09-2018 LETTING ITEM 100

- 1 COVER SHEET
- 2 GENERAL NOTES, LEGEND
- 3-5 SUMMARY OF QUANTITIES
- 6-7 TYPICAL SECTIONS
- 8-9 SCHEDULES OF QUANTITIES
- 10-20 PLAN & PROFILE SHEETS
- 21-24 EROSION CONTROL PLAN & PROFILE SHEETS
- 25-26 SPECIAL DETAILS
- 27-38 CROSS SECTION SHEETS

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TELEPHONE

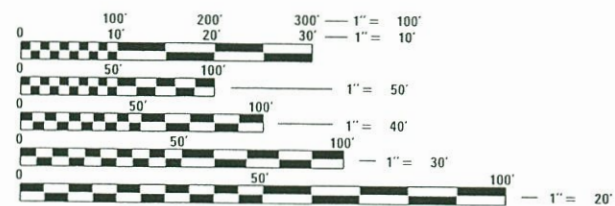
FRONTIER COMMUNICATIONS  
300 W BEECHER  
JACKSONVILLE, ILLINOIS

WATER & SEWER

NORTH MORGAN WATER COOP  
7 OJAIL LANE  
JACKSONVILLE, ILLINOIS

GAS & ELECTRIC

MENARD ELECTRIC COOP  
14300 STATE HIGHWAY 97  
PETERSBURG, ILLINOIS



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

DESIGN DESIGNATION  
FAS 611  
RURAL COLLECTOR  
% PV = 88  
% SU = 7  
% MU = 5

ADT (2027): 365  
DESIGN SPEED: 50 MPH

CONTRACT NO. 93707

STATE OF ILLINOIS

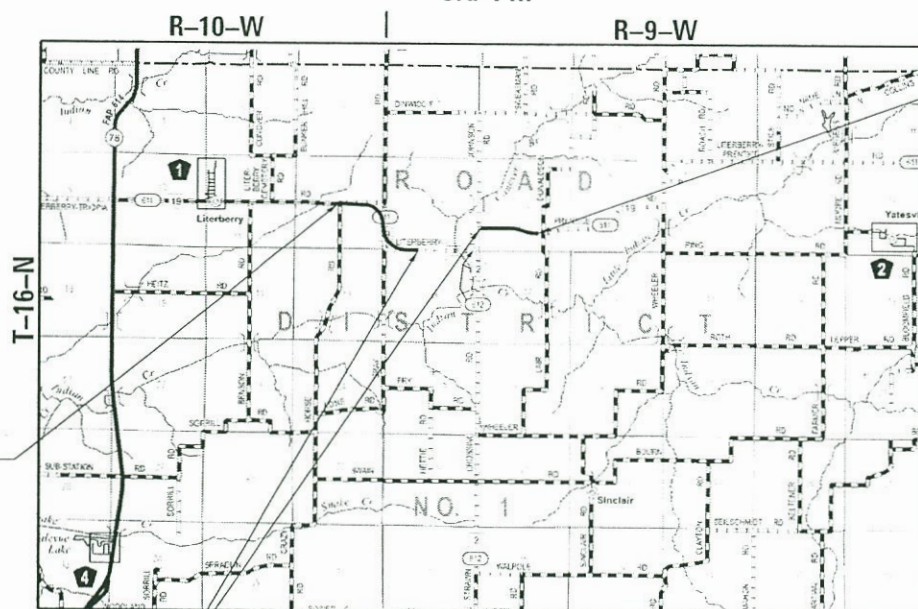
DEPARTMENT OF TRANSPORTATION

# PLANS FOR PROPOSED SURFACE TRANSPORTATION RURAL PROGRAM (W/TARP)

CH 19 (FAS 611)/LITERBERRY-PRENTICE RD  
SECTION 05-00093-01-FP  
PROJECT NO. 6GT8(219)  
RESURFACING/RECONSTRUCTION  
MORGAN COUNTY

JOB NO. C-96-210-08

3rd PM



SEC 05-00093-01-FP  
BEGINS  
STATION 74+00.00

RESURFACING  
OMISSION  
STA 150+50.00 TO  
STA 186+25.00

SEC 05-00093-01-FP  
ENDS  
STATION 216+00.00

LOCATION MAP



TOTAL LENGTH OF PROJECT = 14,200.00 FT = 2.689 MI  
NET LENGTH OF PROJECT = 10,625.00 FT = 2.012 MI

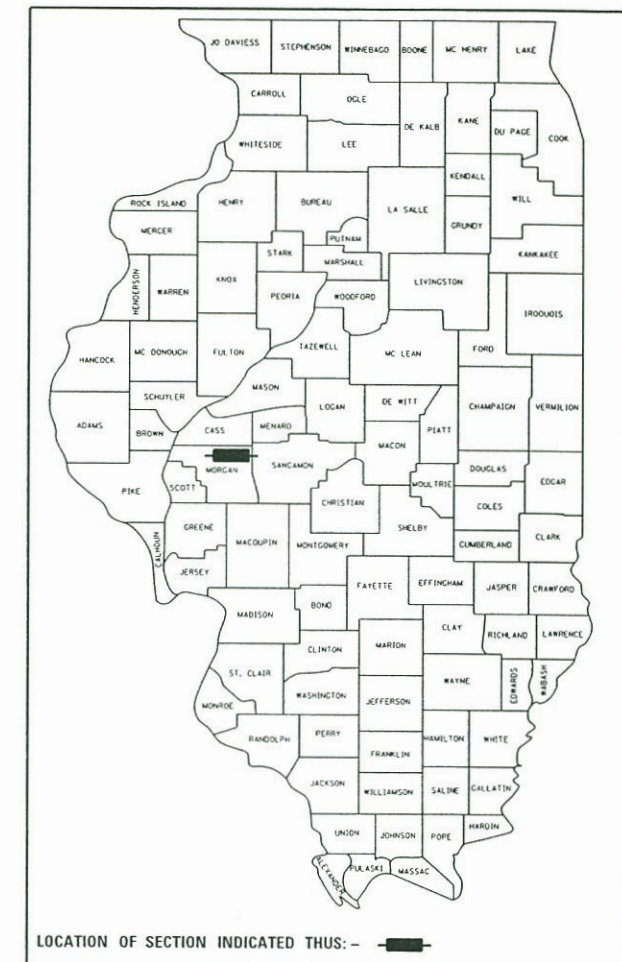


SIGNED: *Brian Borgman* DATE: 8/30/17  
EXPIRES: 11/30/17

Hutchison Engineering, Inc.

SINCE 1945  
1801 West Lafayette  
PO Box 820  
Jacksonville, Illinois 62651  
PHONE : (217)245-7164 FAX (217)243-0468

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	1
		ILLINOIS	CONTRACT NO. 93707	



LOCATION OF SECTION INDICATED THUS: - [thick line] -

DESCRIPTION OF WORK

THIS PROJECT CONSISTS OF RESURFACING, REALIGNMENT AND RECONSTRUCTION OF LITERBERRY-PRENTICE ROAD (CH 19). THE PROPOSED SURFACE CONSISTS OF 1 3/4" HOT-MIX ASPHALT SURFACE COURSE OVER A 2 1/4" HOT-MIX ASPHALT BINDER COURSE. WITHIN THE LIMITS OF THE RECONSTRUCTED AREAS, SEVERAL PIPE CULVERT LOCATIONS ARE TO BE REMOVED AND REPLACED. ALSO INCLUDED ARE AGGREGATE SHOULDERS, AGGREGATE BASE COURSE, EARTH EXCAVATION, PAVEMENT MARKING, AND OTHER ASSOCIATED WORK.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *August 30, 2017*  
*[Signature]*  
COUNTY ENGINEER

*11-27 2017*  
*[Signature]*  
DISTRICT SIX ENGINEER OF LOCAL ROADS AND STREETS

*11-27 2017*  
*[Signature]*  
REGION FOUR ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

# GENERAL NOTES

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA 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:

- FRONTIER
- NORTH MORGAN WATER COOP
- MENARD ELECTRIC COOP.

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE IMPROVEMENT.

EXISTING CONCRETE SIGN BASES AND OTHER MISCELLANEOUS CONCRETE NOT SPECIFICALLY SHOWN ON THE PLANS INTERFERING WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED. COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

TRAFFIC CONTROL SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY. THESE SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS', LATEST EDITION. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

IN AREAS WHERE THE EXISTING ROADWAY IS TO BE DEGRADED, ANY MATERIAL DEEMED SUITABLE FOR USE SHALL BE AT THE DISCRETION OF THE ENGINEER. ALL RUBBLIZING, DISPOSAL, AND RESHAPING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL OF HOT-MIX ASPHALT SURFACING NOT ON A RIGID-TYPE BASE SHALL BE REMOVED AS EARTH EXCAVATION.

ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT NO ADDITIONAL COST TO THE DEPARTMENT.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY SAID UTILITY ADJUSTMENTS.

THE PROFILE GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND IN THE CROSS SECTIONS ARE TO THE TOP OF THE FINISHED SURFACE.

ALL EXISTING DRAINAGE STRUCTURES NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED AT NO ADDITIONAL COST TO THE DEPARTMENT.

THE LOCATION OF ANY UNDERGROUND UTILITIES SHOWN IN THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY AS DETAILED IN SECTION 563 OF THE STANDARD SPECIFICATIONS TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF DOING SO SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL ELEVATIONS SHOWN REFER TO USGS MEAN SEA LEVEL DATUM.

WHEREVER IN THESE PLANS A REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS", IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS" INCLUDED IN THE PROPOSAL.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO ANY LUMP SUM PAY ITEMS.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

THE CONTRACTOR SHALL NOTIFY ALL AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	HMA SURF CSE	HMA BINDER CSE
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @N50	4% @N50
MIX COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-19.0
FRICITION AGGREGATE	MIX "C"	N/A
QUALITY MANAGEMENT	QC/QA	QC/QA




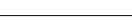


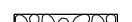
FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT BINDER COURSE	112 LB/SQ YD/IN
HOT-MIX ASPHALT SURFACE COURSE	112 LB/SQ YD/IN
AGGREGATE (SURFACE, BASE, & BACKFILL)	2.05 TON/CU YD
BITUMINOUS MATERIALS:	
PRIME COAT FOR AGGREGATE BASES	0.25 LB/SF
TACK COAT FOR HMA LIFTS	0.025 LB/SF
RIP RAP	1.5 TON/CU YD
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE
MULCH	2 TON/ACRE

# LIST OF IDOT STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
602406-08	MANHOLE TYPE A 6' (1.8M) DIAMETER
604106-01	MEDIAN INLET FOR 36" (900MM) REINFORCED CONCRETE PIPE
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

## LEGEND

	PROPOSED SPECIAL DITCH
	PROPOSED STANDARD DITCH
	SPECIAL DITCH PROFILE LT
	SPECIAL DITCH PROFILE RT
TBR	TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	EXISTING ROADWAY TO BE RUBBLIZED AND DEGRADED
	PROPOSED RIPRAP

FILE NAME = 3761G001.dgn	USER NAME = bborghen	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LITERBERRY-PRENTICE ROAD (CH 19) GENERAL NOTES, STANDARDS &amp; LEGEND</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1.920000 FT / in.	CHECKED -	REVISED -			611	05-00093-01-FP	MORGAN	38	2
PLOT DATE = 11/27/2017	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 93707		



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0004
20200100	EARTH EXCAVATION	CU YD	17190	17190
20800150	TRENCH BACKFILL	CU YD	168	168
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1100	1100
28000305	TEMPORARY DITCH CHECKS	FOOT	614	614
28000400	PERIMETER EROSION BARRIER	FOOT	10589	10589
28000500	INLET AND PIPE PROTECTION	EACH	10	10
28000510	INLET FILTERS	EACH	1	1
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	157	157
28200200	FILTER FABRIC	SQ YD	353	353
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	14160	14160
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	342	342
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	30064	30064
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13352	13352
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	392	392
40600990	TEMPORARY RAMP	SQ YD	118	118
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4354	4354

• SEE SPECIAL PROVISIONS

FILE NAME = 3761S00.dgn	USER NAME = bborgman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 11/27/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)  
SUMMARY OF QUANTITIES**

SCALE: NONE    SHEET 1 OF 3 SHEETS    STA.    TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	3
CONTRACT NO. 93707			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0004
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2825	2825
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2324	2324
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2
50105220	PIPE CULVERT REMOVAL	FOOT	426	426
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	44	44
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	76	76
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	72	72
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	178	178
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	30	30
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	500	500
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	500	500
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	500	500
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2

• SEE SPECIAL PROVISIONS

FILE NAME =  
3761500.dgn  
\$MODELNAME\$

USER NAME = lborgerman  
DESIGNED -  
DRAWN -  
PLOT SCALE = 100.0000' / 1in.  
CHECKED -  
PLOT DATE = 11/27/2017  
DATE -

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

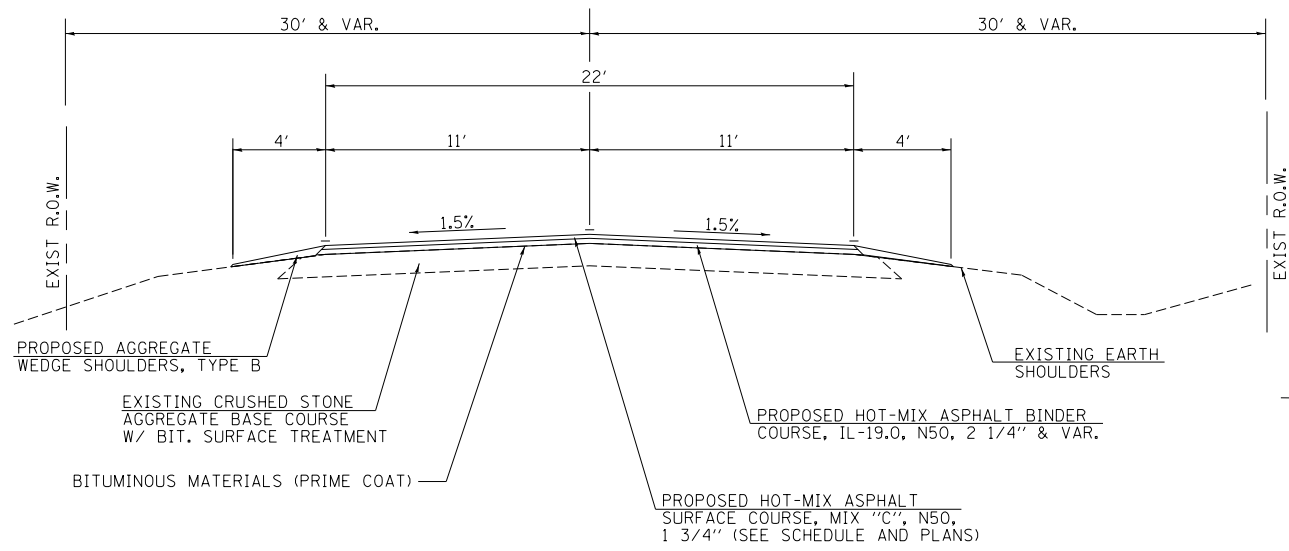
REVISED -  
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REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)  
SUMMARY OF QUANTITIES**  
SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

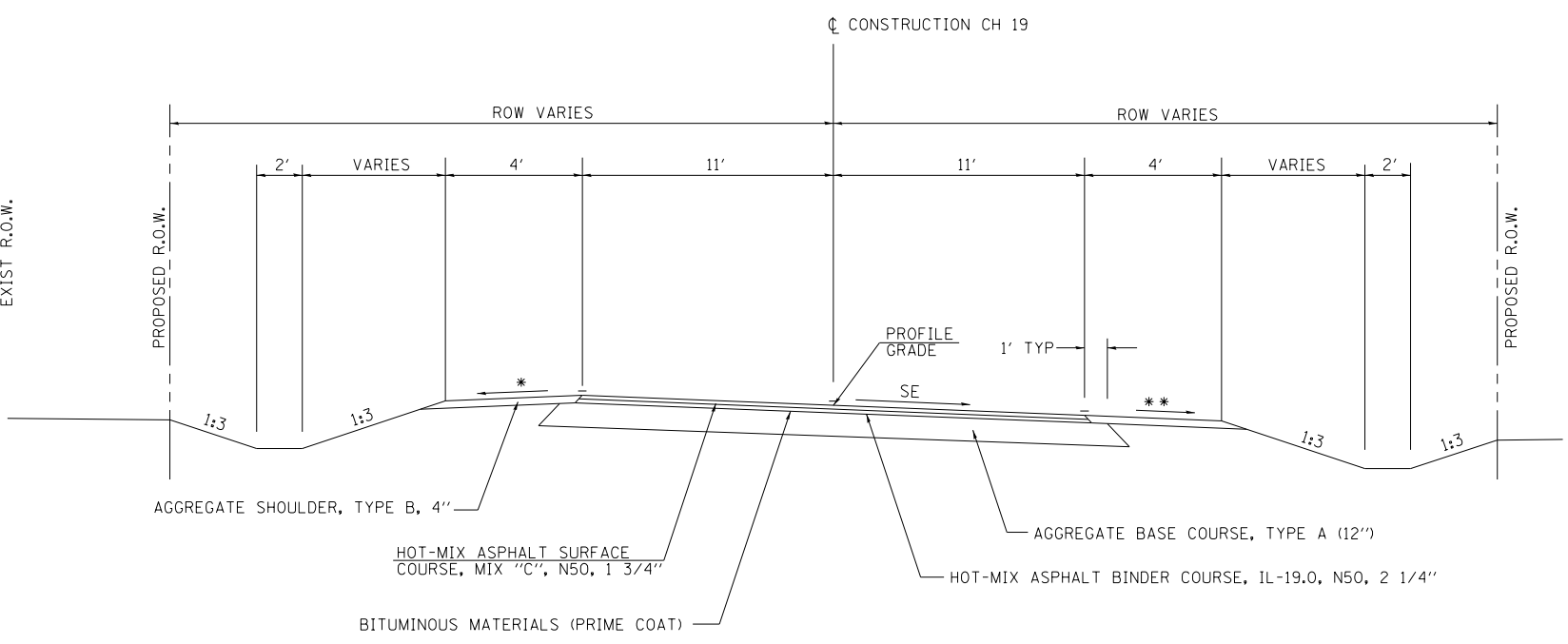
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	4
CONTRACT NO. 93707			ILLINOIS FED. AID PROJECT	





**PROPOSED TYPICAL RESURFACING SECTION**

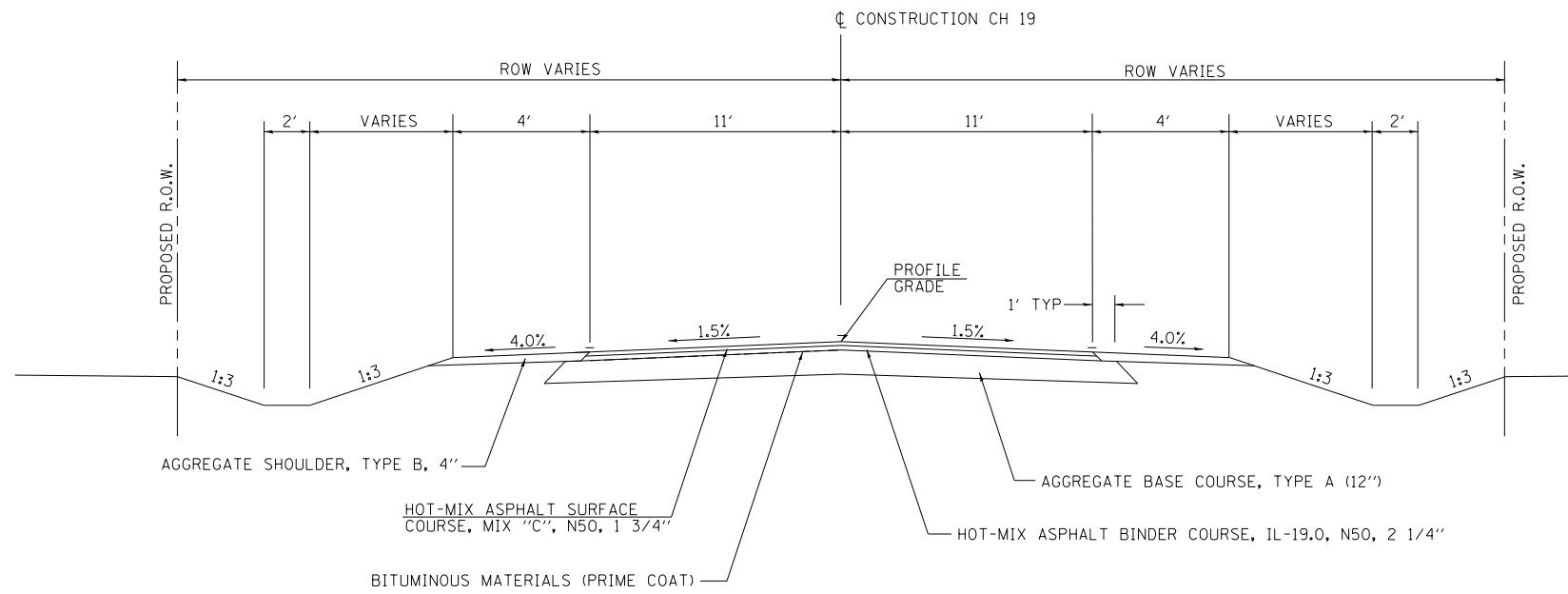
- STA 74+00.00 TO STA 74+80.00 (BUTT JOINT)
- STA 74+80.00 TO STA 89+75.23
- STA 105+00.00 TO STA 113+55.87
- STA 129+00.00 TO STA 149+70.00
- STA 149+70.00 TO STA 150+50.00 (BUTT JOINT)
- PROJECT OMISSION STA 150+50.00 TO STA 186+25.00
- STA 186+25.00 TO STA 187+05.00 (BUTT JOINT)
- STA 187+05.00 TO STA 200+50.00
- STA 213+50.00 TO STA 215+20.00
- STA 215+20.00 TO STA 216+00.00 (BUTT JOINT)



**PROPOSED TYPICAL RECONSTRUCTION SUPERELEVATION SECTION**

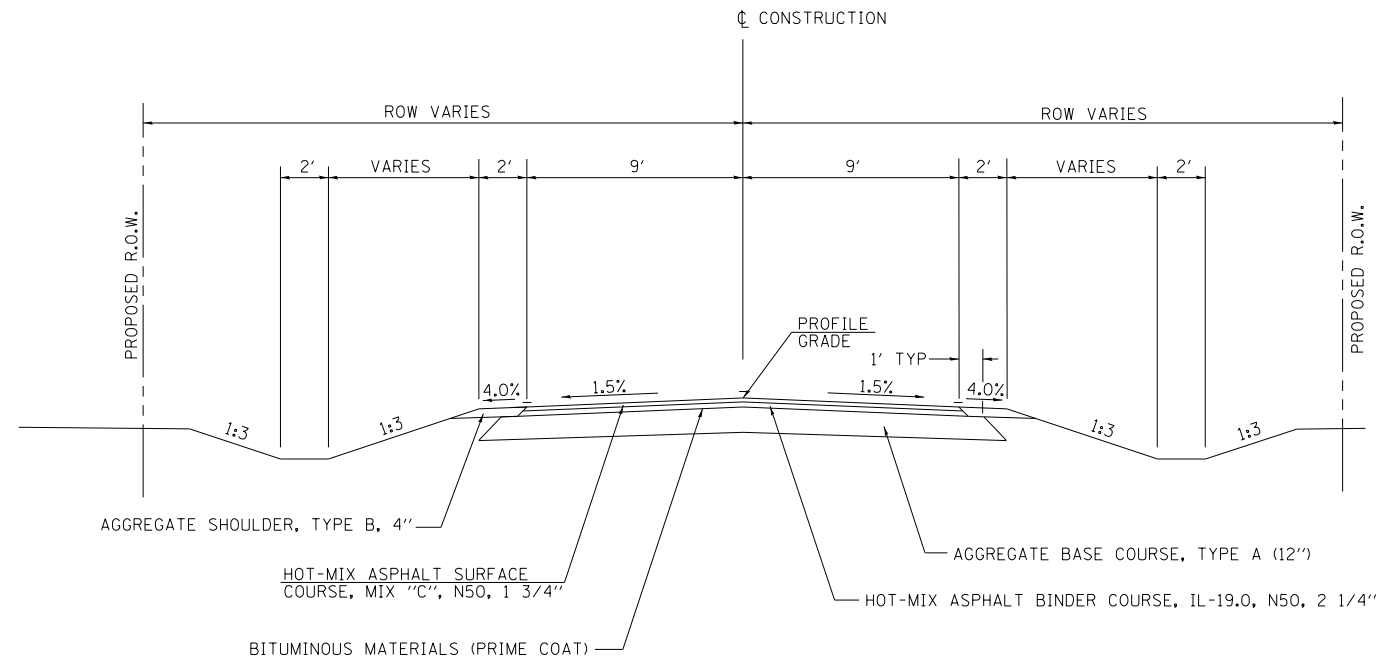
- CURVE RIGHT
  - STA 89+75.23 TO STA 91+84.23 (SE TRANSITION, NC TO 8%)
  - STA 91+84.23 TO STA 102+83.83 (FULL 8% SE)
  - STA 102+83.83 TO STA 104+92.83 (SE TRANSITION, 8% TO NC)
- CURVE LEFT
  - STA 113+55.87 TO STA 115+64.87 (SE TRANSITION, NC TO 8%)
  - STA 115+64.87 TO STA 126+62.57 (FULL 8% SE)
  - STA 126+62.57 TO STA 128+71.57 (SE TRANSITION, 8% TO NC)
- CURVE RIGHT
  - STA 200+69.47 TO STA 202+78.47 (SE TRANSITION, NC TO 8%)
  - STA 202+78.47 TO STA 205+23.83 (FULL 8% SE)
  - STA 205+23.83 TO STA 206+99.83 (SE TRANSITION, 8% TO 0%)
- CURVE LEFT
  - STA 206+99.83 TO STA 208+75.83 (SE TRANSITION, 0% TO 8%)
  - STA 208+75.83 TO STA 211+21.63 (FULL 8% SE)
  - STA 211+21.63 TO STA 213+30.63 (SE TRANSITION, 8% TO NC)

- HIGH SIDE: 8% MAX BREAKOVER
- LOW SIDE: 4% OR SE, WHICHEVER IS GREATER



**PROPOSED TYPICAL RECONSTRUCTION SECTION**

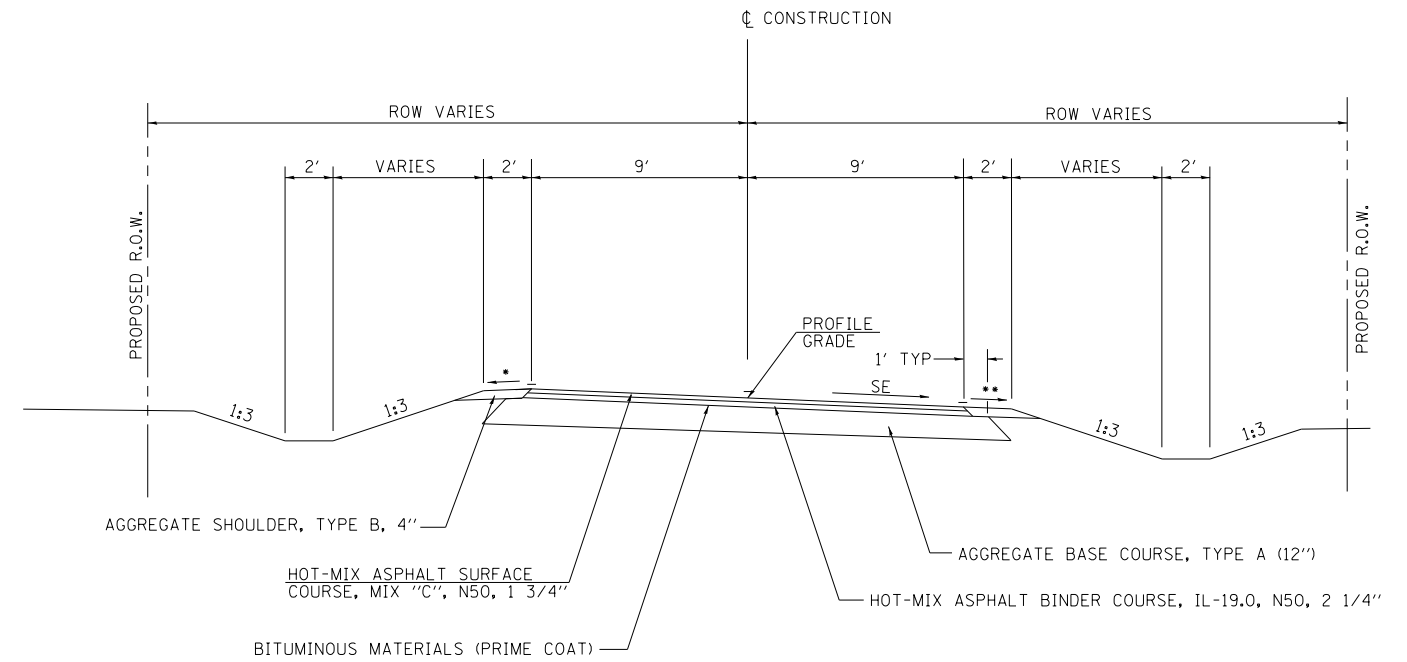
- STA 104+92.83 TO 105+00.00
- STA 128+71.57 TO STA 129+00.00
- STA 200+50.00 TO STA 200+69.47
- STA 213+30.63 TO STA 213+50.00



**PROPOSED TYPICAL TANGENT RECONSTRUCTION SECTION**

(N GRAY)  
 STA 1000+00.00 TO STA 1001+23.47  
 STA 1004+58.14 TO STA 1006+00.00

(S GRAY)  
 STA 1101+00.00 TO STA 1102+17.05  
 STA 1105+23.13 TO STA 1106+00.00



**PROPOSED TYPICAL RECONSTRUCTION SUPERELEVATION SECTION**

N GRAY, CURVE LEFT  
 STA 1001+23.47 TO STA 1002+12.47 (SE TRANSITION, NC TO 4.5%)  
 STA 1002+12.47 TO STA 1003+69.14 (FULL 4.5% SE)  
 STA 1003+69.14 TO STA 1004+58.14 (SE TRANSITION, 4.5% TO NC)

S GRAY, CURVE RIGHT  
 STA 1102+17.05 TO STA 1103+06.05 (SE TRANSITION, NC TO 4.5%)  
 STA 1103+06.05 TO STA 1104+34.13 (FULL 4.5% SE)  
 STA 1104+34.13 TO STA 1105+23.13 (SE TRANSITION, 4.5% TO NC)

- HIGH SIDE: 12% MAX BREAKOVER
- LOW SIDE: 4% OR SE, WHICHEVER IS GREATER

FILE NAME = 3761T002.dgn	USER NAME = bborghen	DESIGNED - JRB	REVISED -
		DRAWN - JMO	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - JRB	REVISED -
	PLOT DATE = 11/27/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>LITERBERRY-PRENTICE ROAD (CH 19)</b>		
<b>TYPICAL SECTIONS</b>		
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	7
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				

STATION TO STATION		EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (SEE NOTE)	EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-)
CU YD					
CH 19					
89+78.23	105+00.00	6,718.9	4,142.0	2,720.7	+ 1,421.3
113+55.87	129+00.00	5,439.6	3,183.2	3,695.7	- 512.5
199+00.00	213+50.00	2,299.2	1,052.2	1,444.1	- 391.9
NORTH GRAY ROAD					
1000+11.00	1006+00.00	1,457.8	919.2	771.6	+ 147.6
SOUTH GRAY ROAD					
1101+00.00	1105+89.00	1,274.1	875.0	359.5	+ 515.5
TOTALS		17,189.6	10,171.6	8,991.6	+ 1,180.0
USE		17,190			

NOTE: QUANTITIES ABOVE INCLUDE EARTH EXCAVATION FOR REMOVING THE EXISTING ROADWAY (ASSUMING 12" DEPTH OF AGGREGATE BASE AND OIL AND CHIP). EMBANKMENT QUANTITY WAS CALCULATED ASSUMING THE EXISTING ROADWAY MATERIAL WOULD NOT BE INCORPORATED INTO THE PROPOSED EMBANKMENT. EARTHWORK BALANCE MAY ADJUST IF, AT THE ENGINEER'S DISCRETION, THE MATERIAL FROM THE EXCAVATED ROADWAY IS INCORPORATED INTO THE PROPOSED EMBANKMENT. A SHRINKAGE FACTOR OF 25% HAS BEEN APPLIED TO THE EARTH EXCAVATION OUTSIDE OF THE EXISTING PAVEMENT.

TEMPORARY DITCH CHECKS

STATION	SIDE	TEMPORARY DITCH CHECK FOOT
CH 19		
91+00	RT	14.6
92+50	RT	14.6
93+45	LT	14.6
96+95	RT	14.6
96+95	LT	14.6
98+00	LT	14.6
100+05	RT	14.6
101+50	LT	14.6
103+05	RT	14.6
115+00	RT	14.6
115+00	LT	14.6
117+50	RT	14.6
117+50	LT	14.6
120+00	RT	14.6
121+25	RT	14.6
122+50	RT	14.6
123+75	RT	14.6
124+00	LT	14.6
125+00	RT	14.6
125+25	RT	14.6
125+40	LT	14.6
125+50	RT	14.6
125+60	LT	14.6
TOTAL		613.2
USE		614

PERIMETER EROSION BARRIER

STATION TO STATION		PERIMETER EROSION BARRIER FOOT
89+75 (CH 19 RT)	105+00 (CH 19 RT)	1492
89+75 (CH 19 LT)	1006+00 (N. GRAY LT)	1159
1006+00 (N. GRAY RT)	105+00 (CH 19 LT)	1247
113+56 (CH 19 RT)	1101+00 (S. GRAY LT)	1099
113+56 (CH 19 LT)	129+00 (CH 19 LT)	1516
1101+00 (S. GRAY RT)	129+00 (CH 19 RT)	1107
199+00 (CH 19 RT)	213+50 (CH 19 RT)	1485
199+00 (CH 19 LT)	213+50 (CH 19 LT)	1484
TOTAL		10589

PIPE CULVERT & CONCRETE HEADWALL REMOVAL

STATION	SIDE	DESCRIPTION	PIPE CULVERT REMOVAL	CONCRETE HEADWALL REMOVAL
			FOOT	EACH
CH 19				
96+83	LT	18" PCC	54	
99+22	LT	12" CMP	22	
125+51	RT	24" CMP	62	
127+63	LT	18" PCC	38	
127+67	RT	15" CMP	36	
200+07	LT	15" CMP	40	
206+71	LT	15" CMP	38	
207+10	RT	15" CMP	40	
NORTH GRAY ROAD				
1002+77	RT	15" CMP	32	
1003+45	LT	18" CMP	24	
SOUTH GRAY ROAD				
1102+60	RT	12" CMP	40	2
TOTALS			426	2

PAVEMENT SCHEDULE

STATION TO STATION	AGGREGATE BASE COURSE, TYPE A 12"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L 19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	SQ YD	POUND		TON		SQ YD
COUNTY HIGHWAY 19						
74+00.00	74+80.00		89.7		27.6	94.4
74+80.00	89+75.23		2,526.5	672.6	360.6	
89+75.23	105+00.00	4,066.1	8,640.5	848.2	479.5	367.7
105+00.00	113+55.87		1,446.2	387.5	206.4	
113+55.87	129+00.00	4,117.7	8,750.2	858.9	485.5	372.4
129+00.00	149+70.00		3,497.7	895.0	499.2	
149+70.00	150+50.00		89.7		27.6	99.2
PROJECT OMISSION						
186+25.00	187+05.00		89.7		27.6	99.2
187+05.00	200+50.00		2,272.8	637.7	324.3	
200+50.00	213+50.00	3,466.7	7,366.8	723.1	408.7	313.5
213+50.00	215+20.00		287.3	93.1	41.0	
215+20.00	216+00.00		89.7		27.6	99.2
NORTH GRAY ROAD						
1000+11.00	1000+58.89	205.6	456.2	45.4	25.5	20.3
1000+58.89	1005+00.00	980.2	2,058.6	201.3	114.0	86.4
1005+00.00	1006+00.00	172.6	354.5	34.5	19.6	14.7
SOUTH GRAY ROAD						
1101+00.00	1101+94.50	175.2	362.8	35.3	20.1	15.1
1101+94.50	1105+41.11	770.1	1,617.3	158.1	89.6	67.9
1105+41.11	1105+89.00	205.6	456.2	45.1	25.5	20.1
TOTALS		14,159.8	30,063.1	13,339.2	4,353.9	2,820.0
USE		14,160	30,064	13,340	4,354	2,820

ENTRANCE SCHEDULE

STATION	TYPE	SIDE	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
			TON	POUND	TON
COUNTY HIGHWAY 19					
85+89	FE	LT	2.5		
85+98	FE	RT	3.6		
97+50	FE	RT	30.0		
112+52	FE	RT	3.8		
127+60	FE	LT	27.7		
127+60	FE	RT	27.7		
129+39	FE	LT	3.3		
145+30	FE	RT	9.8		
146+70	FE	RT	9.6		
146+91	FE	LT	6.9		
193+60	PE	LT		11.3	4.2
200+11	PE	LT	20.6		
206+72	FE	LT	25.6		
207+12	FE	RT	30.8		
NORTH GRAY ROAD					
1003+00	FE	RT	33.3		
1003+50	FE	LT	28.9		
SOUTH GRAY ROAD					
1002+68	FE	RT	77.1		
TOTALS			341.2	11.3	4.2
USE			342	12	5

INLET AND PIPE PROTECTION

STATION	SIDE	INLET AND PIPE PROTECTION	
		INLET AND PIPE PROTECTION EACH	INLET FILTERS
CH 19			
97+00	RT	1	
97+70	RT	1	
125+48	LT		1
127+76	RT	1	
127+77	LT	1	
200+28	LT	1	
206+96	RT	1	
NORTH GRAY ROAD			
1002+85	RT	1	
1003+33	LT	1	
1005+85	RT	1	
SOUTH GRAY ROAD			
1002+85	RT	1	
TOTALS		10	1

FILE NAME = 3761S002.dgn	USER NAME = bborghen	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 106.444800 FT / in.	CHECKED -	REVISED -
	PLOT DATE = 11/27/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LITERBERRY-PRENTICE ROAD (CH 19)  
SCHEDULES OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	8
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				



SEEDING, CLASS 2 (SPECIAL)							
STATION TO STATION	SIDE	SEEDING, CLASS 2 (SPECIAL) ACRE	FERTILIZER NUTRIENTS*			MULCH, METHOD 2*	TON
			NITROGEN	PHOSPHORUS	POTASSIUM		
			POUND				
CH 19							
89+75.23	105+00.00	RT	1.0	80	320	160	2.0
89+75.23	97+00.00	LT	1.7	136	544	272	3.4
98+00.00	105+00.00	LT	1.5	120	480	240	3.0
113+55.87	129+00.00	LT	0.8	64	256	128	1.6
113+55.87	120+00.00	RT	1.1	88	352	176	2.2
121+00.00	129+00.00	RT	1.9	152	608	304	3.8
199+00.00	213+50.00	LT	0.8	64	256	128	1.6
199+00.00	213+50.00	RT	0.8	64	256	128	1.6
NORTH GRAY ROAD							
1000+11.00	1006+00.00	LT	0.4	32	128	64	0.8
1000+11.00	1006+00.00	RT	0.3	24	96	48	0.6
SOUTH GRAY ROAD							
1101+00.00	1105+89.00	LT	0.3	24	96	48	0.6
1101+00.00	1105+89.00	RT	0.3	24	96	48	0.6
TOTALS			10.9	872.0	3488.0	1744.0	21.8
USE			11				

\*INCLUDED FOR INFORMATIONAL PURPOSES ONLY. COST OF FERTILIZER NUTRIENTS AND MULCH IS INCLUDED IN THE COST OF SEEDING, CLASS 2 (SPECIAL)

ESTIMATED QUANTITIES

ITEMS	UNIT	TOTAL
THE FOLLOWING ITEMS ARE INCLUDED AS ESTIMATED QUANTITIES FOR HANDLING FIELD TILES THAT MAY BE ENCOUNTERED WITHIN THE PROJECT LIMITS		
STORM SEWERS (SPECIAL) 6"	FOOT	500
STORM SEWERS (SPECIAL) 8"	FOOT	500
STORM SEWERS (SPECIAL) 12"	FOOT	500

PIPE CULVERT SCHEDULE

STATION	SIDE	PIPE CULVERTS					PRECAST REINFORCED CONCRETE FLARED END SECTIONS		MANHOLES, TYPE A, 6' -DIAMETER, WITH MEDIAN INLET, SPECIAL	TRENCH BACKFILL
		CLASS A, TYPE 1	CLASS A, TYPE 2	CLASS D, TYPE 1			24"	30"		
		24"	30"	15"	18"	24"	EACH		CU YD	
COUNTY HIGHWAY 19										
97+00	RT & LT	44					2			18.2
97+50	RT				40					
125+55	RT & LT		76					1	1	149.6
127+60	LT				36					
127+60	RT				32					
200+11	LT			34						
207+12	RT			38						
NORTH GRAY ROAD										
1003+00	RT				34					
1003+50	LT				30					
SOUTH GRAY ROAD										
1102+68	RT				36					
TOTALS		44	76	72	178	30	2	1	1	167.8

AGGREGATE SHOULDERS, TYPE B

STATION TO STATION	AGGREGATE SHOULDERS, TYPE B	TON
COUNTY HIGHWAY 19		
74+00.00	89+75.23	311.0
89+75.23	105+00.00	344.1
105+00.00	113+55.87	172.3
113+55.87	129+00.00	348.4
129+00.00	150+50.00	413.7
PROJECT OMISSION		
186+25.00	200+50.00	282.4
200+50.00	213+50.00	290.2
213+50.00	216+00.00	53.6
NORTH GRAY ROAD		
1000+58.89	1005+00.00	53.6
1005+00.00	1006+00.00	6.1
SOUTH GRAY ROAD		
1101+00.00	1101+94.55	5.7
1101+94.55	1105+41.11	42.1
TOTALS		2,323.2
USE		2,324

RIPRAP

STATION TO STATION	SIDE	LENGTH	WIDTH	STONE DUMPED RIPRAP, CLASS A3	FILTER FABRIC
				TON	SQ YD
125+00	126+00	LT	100	10	111.1
125+00	127+00	RT	200	10	241.4
TOTALS				156.2	352.5
USE				157	353

PERMANENT SURVEY MARKERS

STATION	OFFSET	SIDE	DESCRIPTION	PERMANENT SURVEY MARKERS, TYPE I	PERMANENT SURVEY MARKERS, TYPE II
				EACH	
NORTH GRAY ROAD					
1002+73.26	30.76	RT	W 1/4 COR. SEC 7 T 16 N, R 9 W		1
1003+18.53	11.01	RT	E 1/4 SEC 12 T 16 N, R 10 W		1
SOUTH GRAY ROAD					
1002+59.50	0.00	RT	SW COR. SEC 7 T 16 N, R 9 W	1	
1103+11.62	5.10	LT	SE COR. SEC 12 T 16 N, R 10 W	1	
TOTALS				2	2

PAVEMENT MARKING

STATION TO STATION	SIDE	DESCRIPTION	PAINT PAVEMENT MARKING - LINE 5"			PAINT PAVEMENT MARKING - LINE 24"
			SOLID WHITE EDGE LINE	SOLID YELLOW CENTERLINE	SKIP-DASH YELLOW CENTERLINE	WHITE STOP BAR
FOOT						
COUNTY HIGHWAY 19						
74+00.00	96+95.31	LT	EDGE LINE	2,304.3		
74+00.00	119+95.31	RT	EDGE LINE	4,584.0		
74+00.00	91+31.98	CL	CL SKIP-DASH			440.0
84+32.00	91+31.98	CL	EB NO PASSING		700.0	
91+31.98	127+14.82	CL	DOUBLE YELLOW		7,165.7	
98+04.69	150+50.00	LT	EDGE LINE	5,235.7		
121+04.69	150+50.00	RT	EDGE LINE	2,954.1		
127+14.82	134+15.00	CL	WB NO PASSING		700.2	
127+14.82	150+50.00	CL	CL SKIP-DASH			590.0
146+00.00	150+50.00	CL	EB NO PASSING		450.0	
PROJECT OMISSION						
186+25.00	216+00.00	LT	EDGE LINE	2,975.0		
186+25.00	216+00.00	RT	EDGE LINE	2,975.0		
186+25.00	202+26.22	CL	CL SKIP-DASH			400.0
186+25.00	190+86.00	CL	WB NO PASSING		561.0	
195+26.00	202+26.22	CL	EB NO PASSING		700.2	
202+26.22	216+00.00	CL	DOUBLE YELLOW		2,747.6	
NORTH GRAY ROAD						
CH 19	1005+00.00	LT	EDGE LINE	508.8		
CH 19	1005+00.00	RT	EDGE LINE	523.3		
1000+33.23		RT	STOP BAR			16.7
1000+34.23	1005+00.00	CL	CL SKIP-DASH			120.0
SOUTH GRAY ROAD						
1101+94.55	CH 19	LT	EDGE LINE	429.3		
1101+94.55	CH 19	RT	EDGE LINE	413.7		
1101+94.55	1105+65.77	CL	CL SKIP-DASH			100.0
1105+66.77		RT	STOP BAR			16.7
TOTALS				22,903.2	13,024.7	1,650.0
USE				22,903.2	13,024.7	1,650.0
				37,578		34

FILE NAME = 3761S002.dgn	USER NAME = bborghen	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 106.444800 FT / in.	CHECKED -	REVISED -
	PLOT DATE = 11/27/2017	DATE -	REVISED -

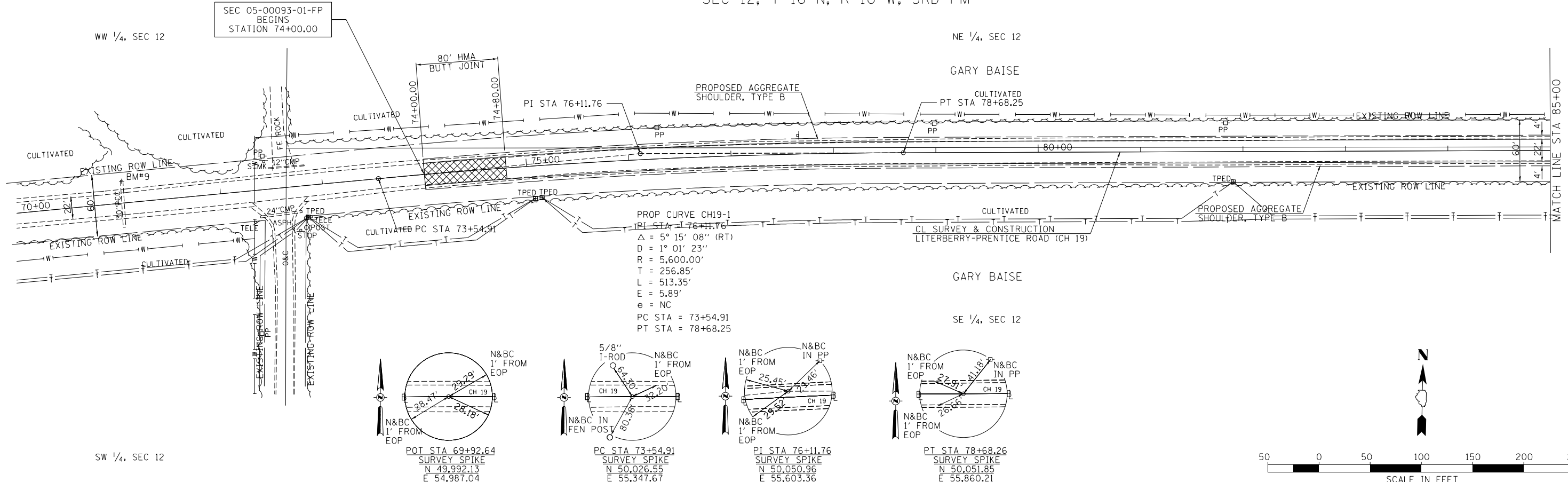
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LITERBERRY-PRENTICE ROAD (CH 19)  
SCHEDULES OF QUANTITIES

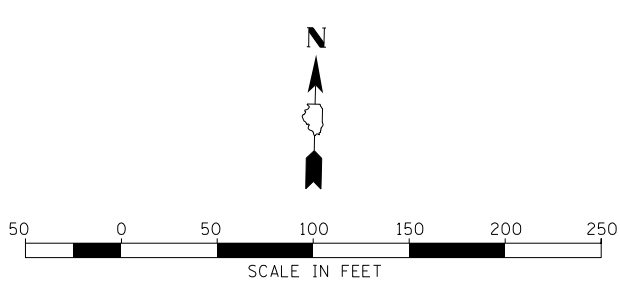
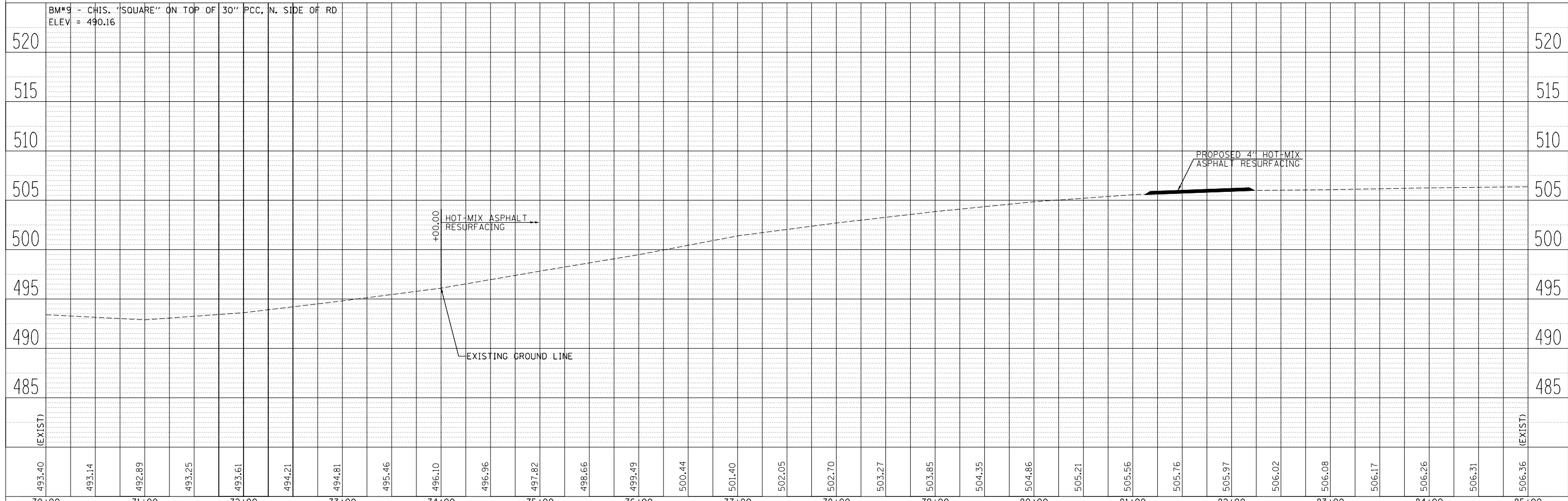
SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	9
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILE NAME
NO.	



DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
NO.	



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

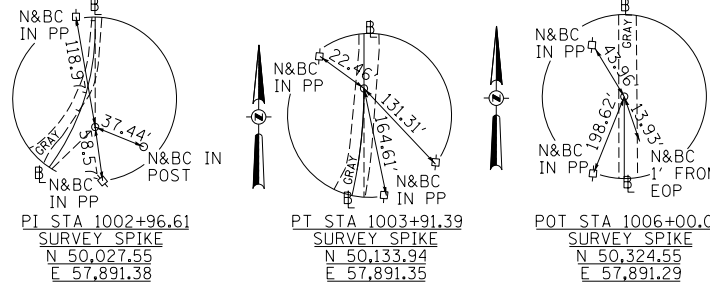
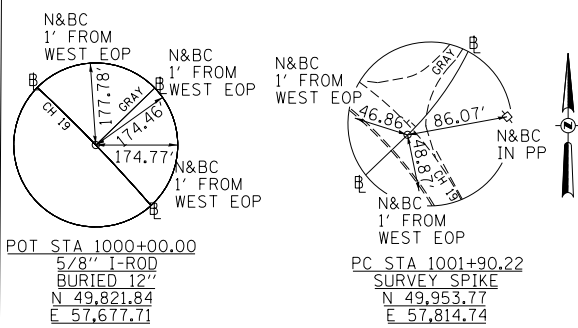
LITERBERRY-PRENTICE ROAD (CH 19)  
PLAN AND PROFILE

F.A.S. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	10
				CONTRACT NO. 93707

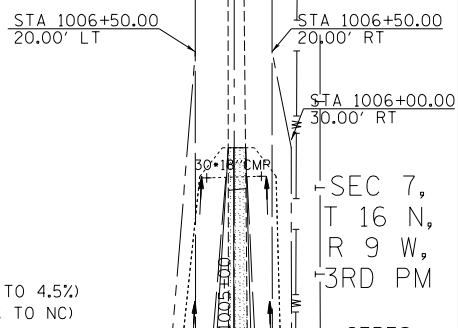
SCALE: 1"=50' SHEET 1 OF 11 SHEETS STA. 70+00.00 TO STA. 85+00.00

ILLINOIS FED. AID PROJECT

FILE NAME = 3761PP1.dgn	USER NAME = bborgmen	DESIGNED -	REVISED -
MODELNAME =	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -
	PLOT DATE = 11/27/2017	CHECKED -	REVISED -
		DATE -	REVISED -



PROP CURVE NGRAY-1  
 PI STA = 1002+96.61  
 $\Delta = 46^{\circ} 06' 16''$  (RT)  
 $D = 22^{\circ} 55' 06''$   
 $R = 250.00'$   
 $T = 106.39'$   
 $L = 201.17'$   
 $E = 21.70'$   
 $e = 4.5\%$   
 PC STA = 1001+90.22  
 PT STA = 1003+91.39  
 SE ATTAINED STA 1001+23.47 TO STA 1002+12.47 (NC TO 4.5%)  
 SE REMOVED STA 1003+69.14 TO STA 1004+58.14 (4.5% TO NC)



GARY BAISE

NE 1/4, SEC 12

GERALD LINDSEY, BRUCE LINDSEY,  
 KIMBERLY NICKEL & VICKY LINDSEY

EXISTING ROADWAY TO BE REMOVED AND DEGRADED TO THE SATISFACTION OF THE ENGINEER. QUANTITIES FOR ACCOMPLISHING THIS WORK ARE INCLUDED IN THE CALCULATIONS FOR EARTHWORK.

STA 1003+50, LT  
 PROPOSED PIPE CULVERT, CLASS D, TYPE 1, 24"x 30"  
 USFL INV 498.07, STA 1003+33.49, 24.64' LT  
 DSFL INV 497.98, STA 1003+66.80, 24.62' LT

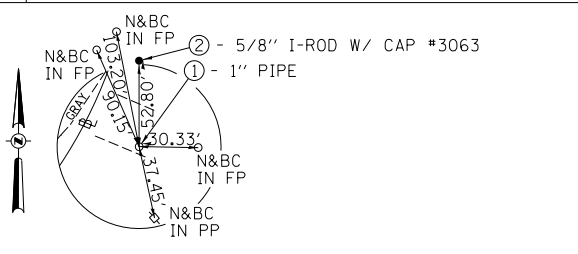
STA 1003+00, RT  
 PROPOSED PIPE CULVERT, CLASS D, TYPE 1, 18"x 34"  
 USFL INV 499.64, STA 1002+84.55, 22.20' RT  
 DSFL INV 499.44, STA 1003+15.80, 22.22' RT

STA 97+00.00  
 PROPOSED PIPE CULVERT, CLASS A, TYPE 2, 24"x44"  
 W/ PRC FLARED END SECTIONS 24", 2-EACH (STD 542301)  
 USFL INV 499.13, STA 97+00.00, 18.72' RT  
 DSFL INV 499.00, STA 97+00.00, 25.52' LT

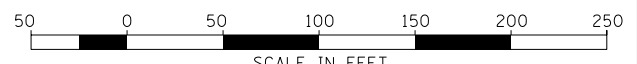
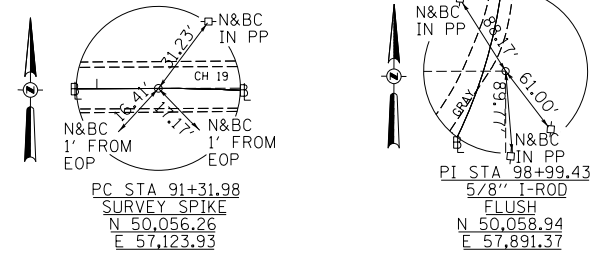
STA 97+50, RT  
 PROPOSED PIPE CULVERT, CLASS D, TYPE 1, 18"x 40"  
 USFL INV 499.62, STA 97+70.37, 28.65' RT  
 DSFL INV 499.35, STA 97+28.83, 27.75' RT

STA 97+50.00 LITERBERRY-PRENTICE ROAD (CH 19)  
 = STA 1000+00.00 N GRAY ROAD

PROP CURVE CH19-2  
 PI STA = 98+99.43  
 $\Delta = 90^{\circ} 10' 59''$  (RT)  
 $D = 7^{\circ} 29' 23''$   
 $R = 765.00'$   
 $T = 767.45'$   
 $L = 1,204.11'$   
 $E = 318.61'$   
 $e = 8.0\%$   
 PC STA = 91+31.98  
 PT STA = 103+36.08  
 SE ATTAINED STA 89+75.23 TO STA 91+84.23 (NC TO 8%)  
 SE REMOVED STA 102+83.83 TO STA 104+92.83 (8% TO NC)



- PERMANENT SURVEY MARKERS LOCATIONS
- ① STA 97+67.27, 281.89' LT (CH 19) = STA 1002+73.26, 30.76' RT (N. GRAY)  
 $N = 50,006.16$   
 $E = 57,891.39$   
 W 1/4 COR, SEC 7, T 16 N, R 9 W
  - ② STA 97+34.03, 318.61' LT (CH 19) = STA 1003+18.53, 11.01' RT (N. GRAY)  
 $N = 50,058.94$   
 $E = 57,891.37$   
 E 1/4 COR, SEC 12, T 16 N, R 10 W



BM\*10 - RR SPIKE IN PP, N. SIDE OF RD  
 ELEV = 507.50

BM\*11 - RR SPIKE IN PP, E. OF LITERBERRY-PRENTICE RD & GRAY RD INT.  
 ELEV = 502.35

GARY BAISE

JOHN DAHM

MARILYN E. DAHM TRUST

SE 1/4, SEC 12

SEC 7,  
 T 16 N,  
 R 9 W,  
 3RD PM

CERES  
 PROPERTIES,  
 LLC

PROPOSED  
 ROW LINE

PT STA  
 1003+91.39  
 STA 1003+91.39  
 30.00' RT

PT STA  
 98+99.43

STA 1002+84.34  
 57.79' RT

PI STA  
 1002+96.61

IRENE MARTIN, ET AL

SW 1/4, SEC 7

FILE NAME = 3761PP2.dgn	USER NAME = bborgerm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

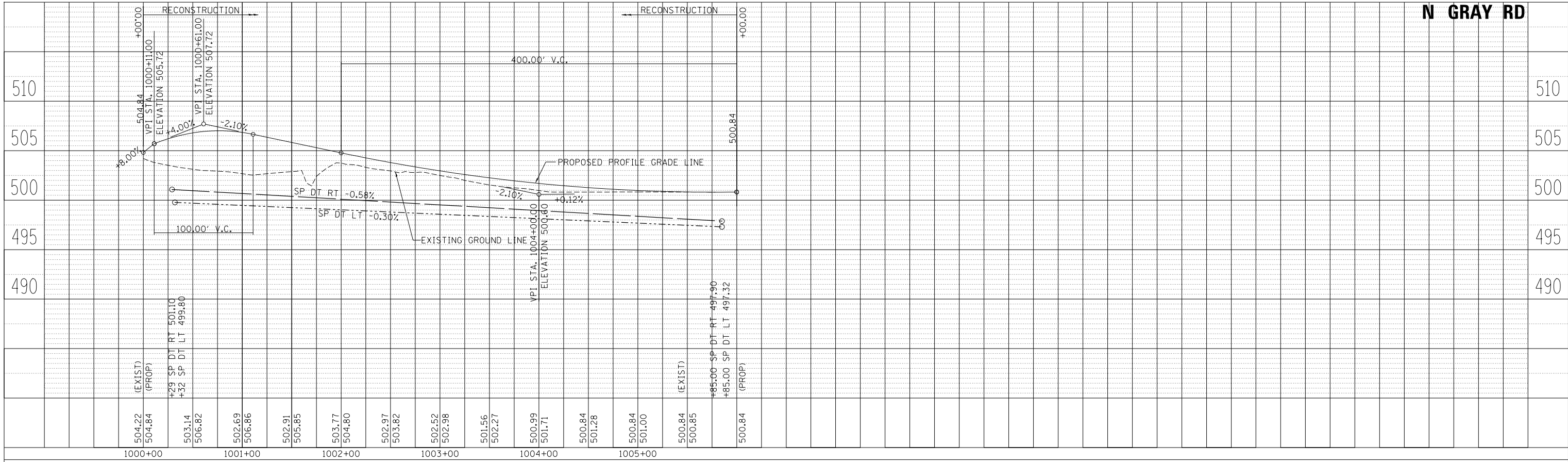
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LITERBERRY-PRENTICE ROAD (CH 19)  
 PLAN

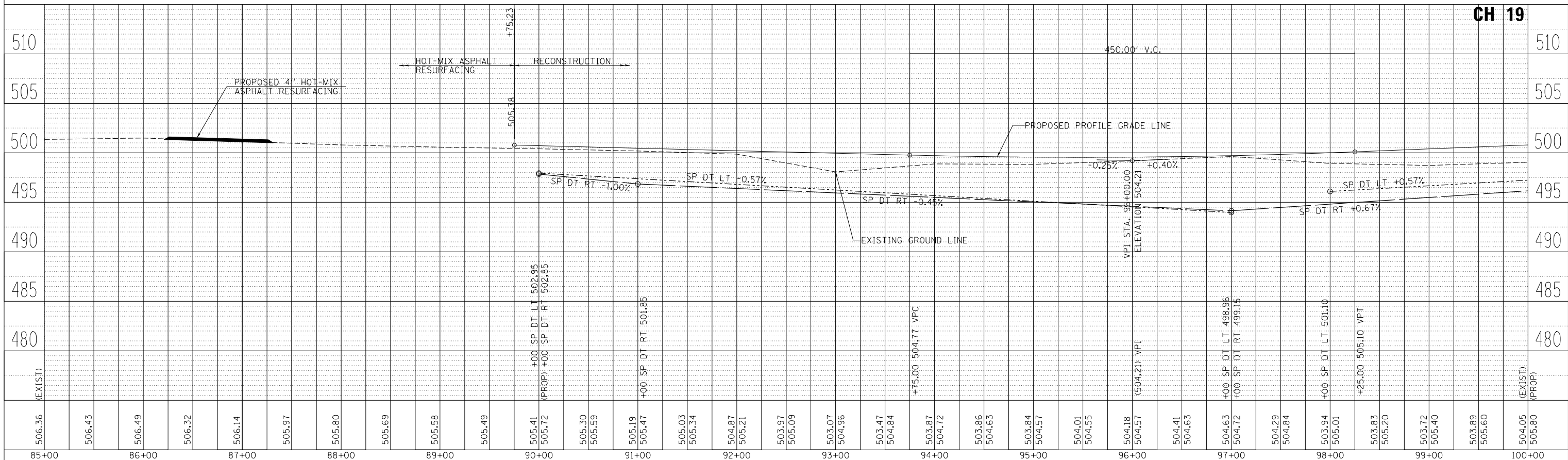
SCALE: 1"=50' SHEET 2 OF 11 SHEETS STA. 85+00.00 TO STA. 100+00.00

F.A.S. RTE. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 11
				CONTRACT NO. 93707
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



FILE NAME = 3761PP2a.dgn  
 \*MODELNAME\*

USER NAME = bborgerm  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 11/27/2017

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)  
PROFILE**

SCALE: 1"=50'H,5'V SHEET 3 OF 11 SHEETS STA. 85+00.00 TO STA. 100+00.00

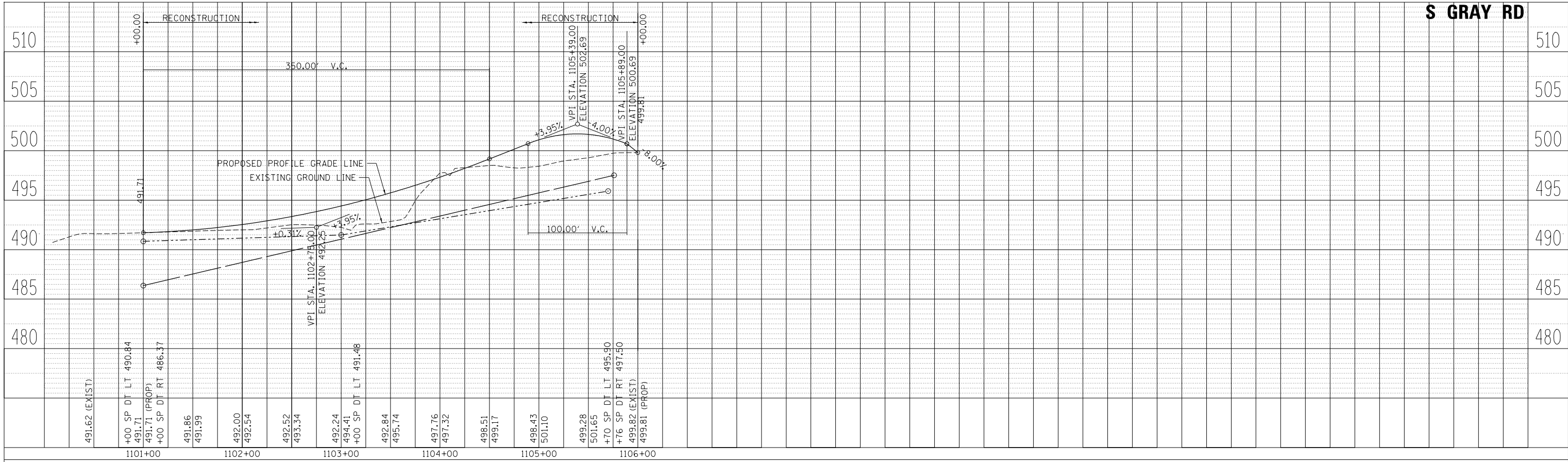
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	12
				CONTRACT NO. 93707
ILLINOIS FED. AID PROJECT				



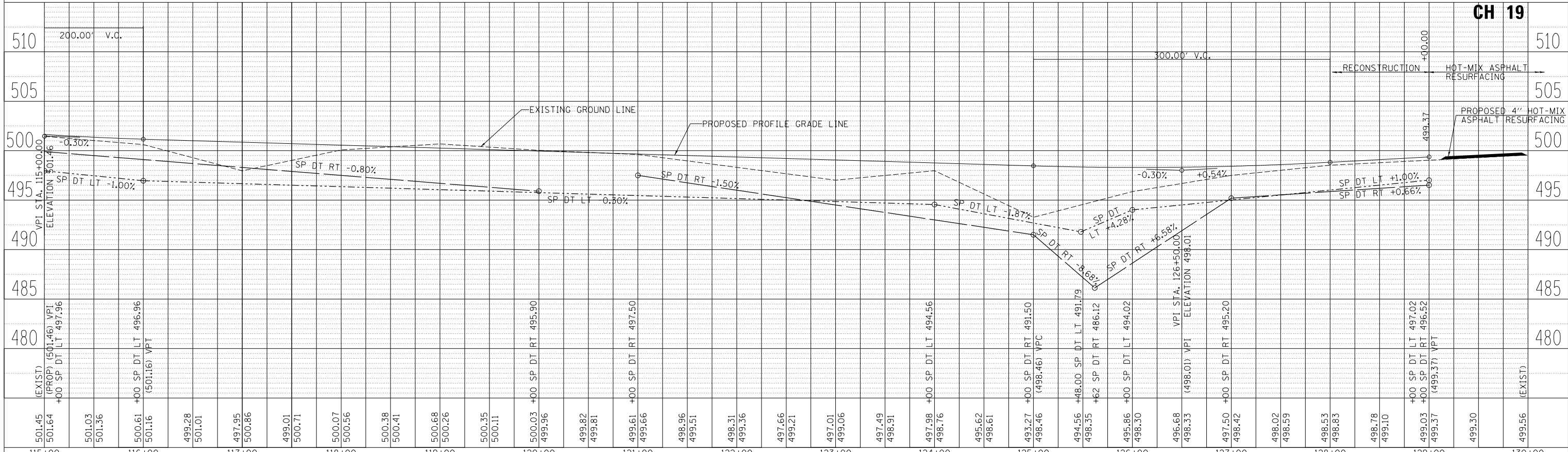




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	PLOTTED	BY
	ALIGNED	
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
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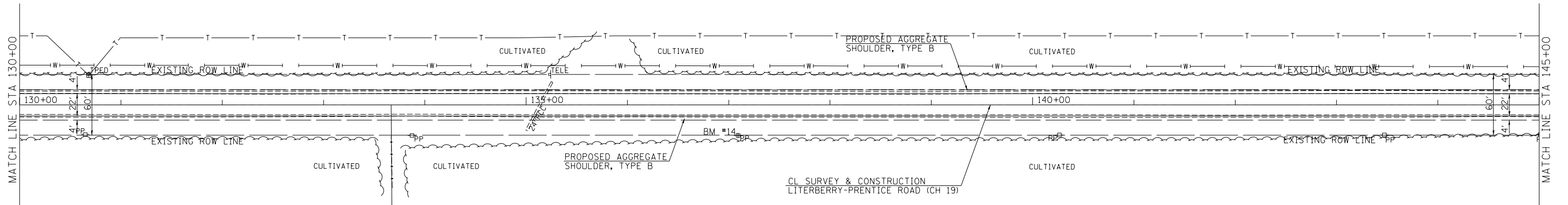


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MODELNAME	PLOT DATE = 11/27/2017	DRAWN -	REVISED -		SCALE: 1"=50'H,5'V	SHEET 6	OF 11 SHEETS	STA. 115+00.00	TO STA. 130+00.00	CONTRACT NO. 93707
		CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT
		DATE -	REVISED -							

SEC 7, T 16 N, R 9 W, 3RD PM

IRENE MARTIN, ET AL

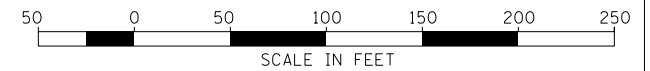
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NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD FILE NAME	



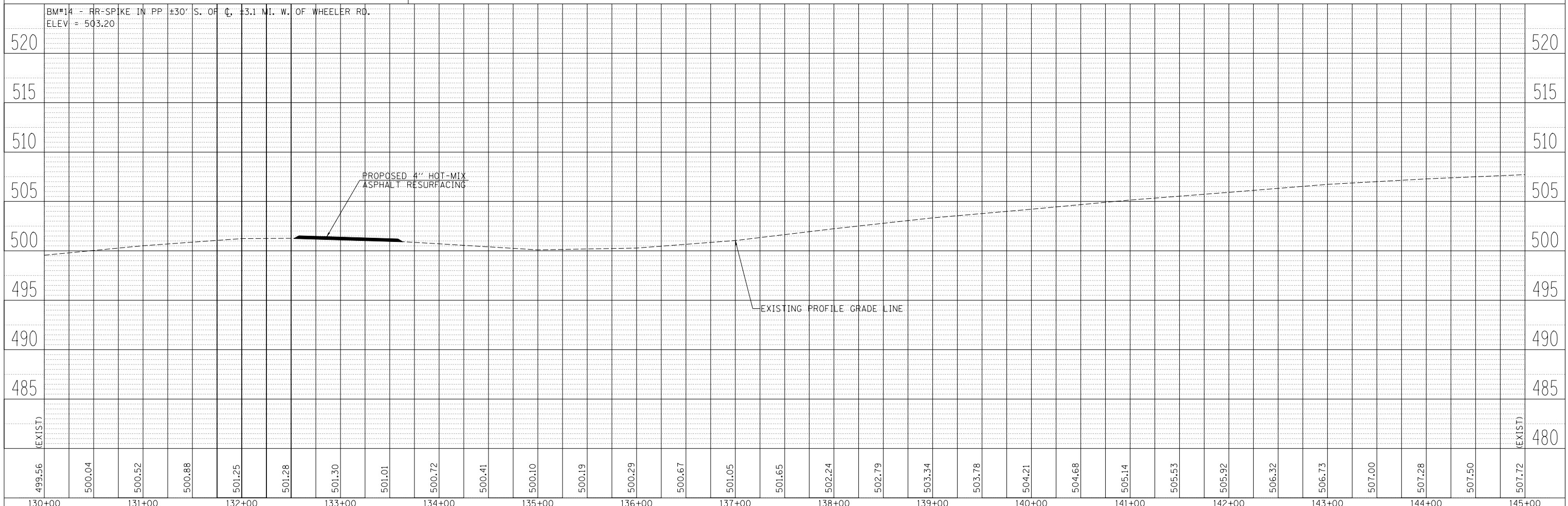
GAYLON E. MARTIN

PATRICIA B. FAY  
AS TRUSTEE OF THE  
PATRICIA B. FAY TRUST

SEC 18, T 16 N, R 9 W, 3RD PM



PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	



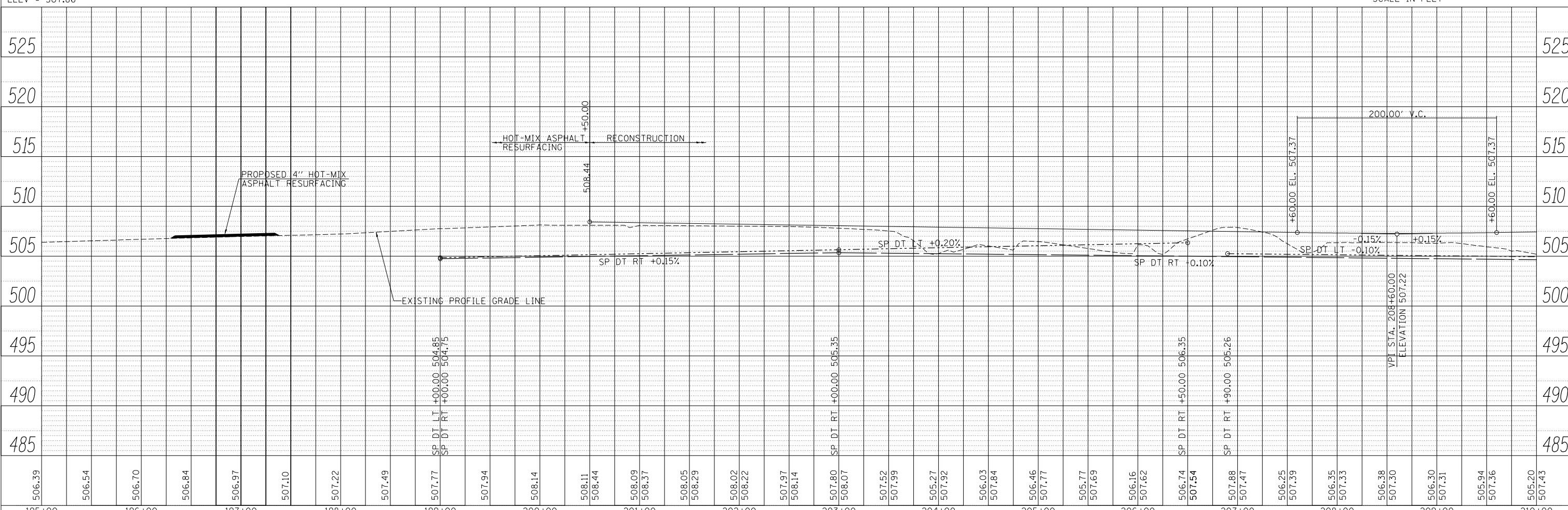
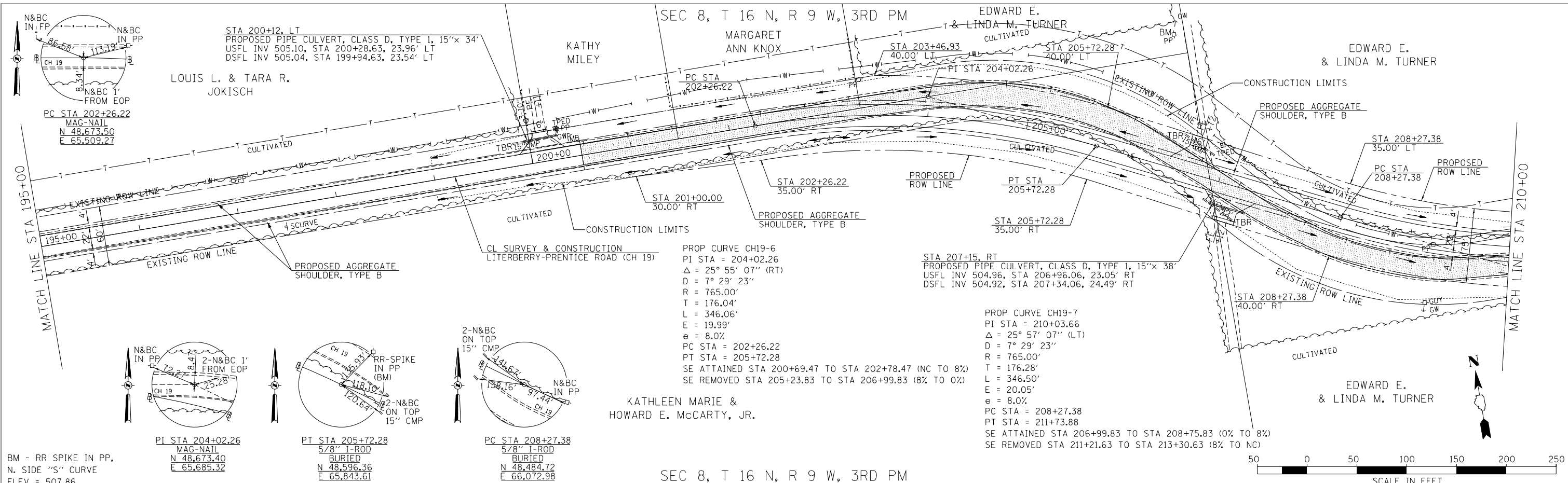
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MODELNAME =	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=50'-0"	SHEET 7	OF 11 SHEETS	STA. 130+00.00 TO STA. 145+00.00	CONTRACT NO. 93707		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 11/27/2017	DATE -	REVISED -										





DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
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DATE	
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SURVEYED	
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NOTATION	
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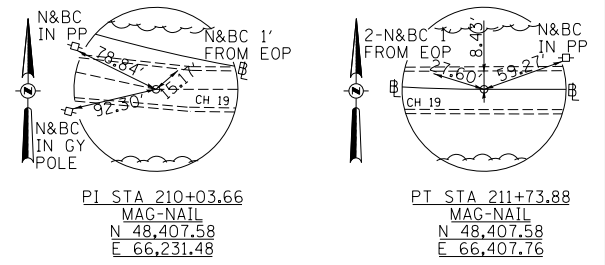


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MODELNAME =	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET 10 OF 11 SHEETS	STA. 195+00.00 TO STA. 210+00.00	CONTRACT NO. 93707				
	PLOT DATE = 11/27/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PROP CURVE CH19-7  
 PI STA = 210+03.66  
 $\Delta = 25^\circ 57' 07''$  (LT)  
 $D = 7^\circ 29' 23''$   
 $R = 765.00'$   
 $T = 176.28'$   
 $L = 346.50'$   
 $e = 20.05'$   
 $e = 8.0\%$   
 PC STA = 208+27.38  
 PT STA = 211+73.88  
 SE ATTAINED STA 206+99.83 TO STA 208+75.83 (0% TO 8%)  
 SE REMOVED STA 211+21.63 TO STA 213+30.63 (8% TO NC)

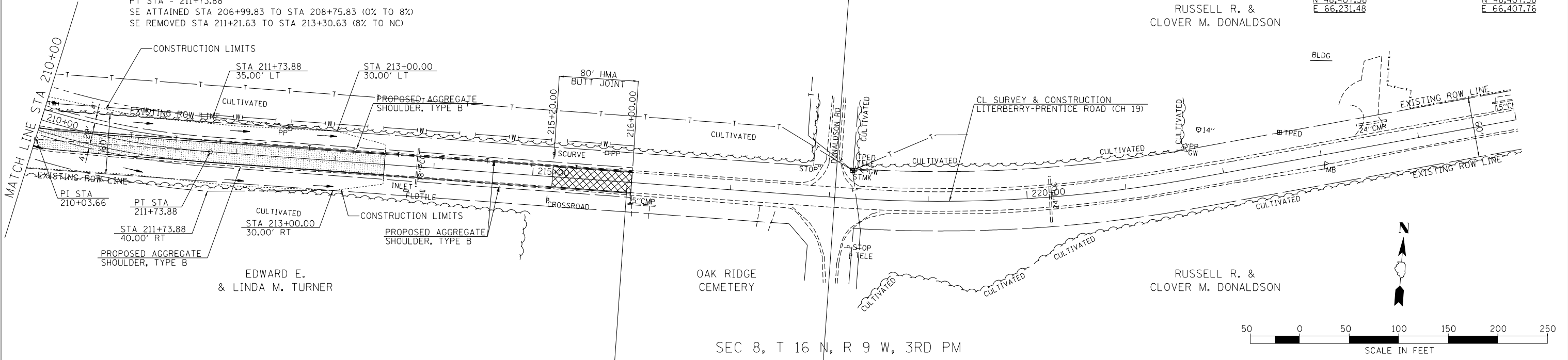
EDWARD E.  
 & LINDA M. TURNER

SEC 8, T 16 N, R 9 W, 3RD PM



RUSSELL R. &  
 CLOVER M. DONALDSON

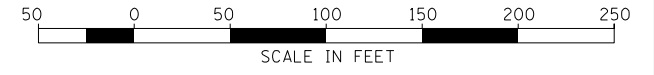
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FILE NAME	
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PLAN	
NOTE BOOK	
NO.	



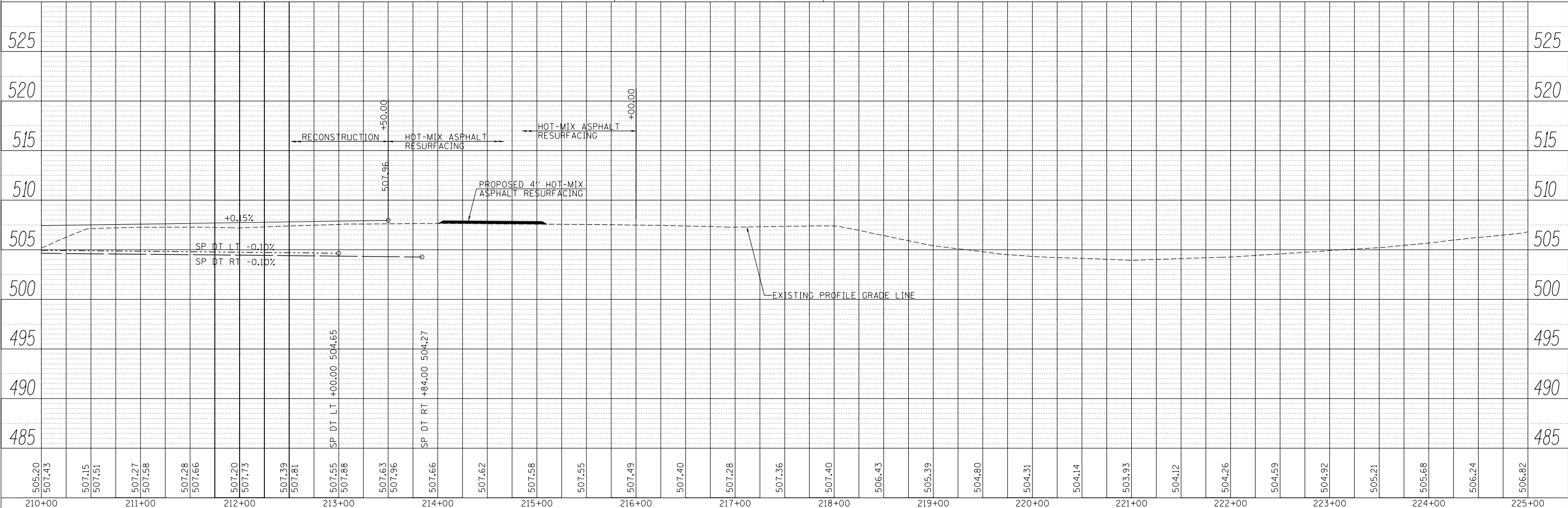
EDWARD E.  
 & LINDA M. TURNER

RUSSELL R. &  
 CLOVER M. DONALDSON

SEC 8, T 16 N, R 9 W, 3RD PM



DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATION	
NO.	
PROFILE	
NOTE BOOK	
NO.	

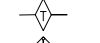

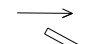



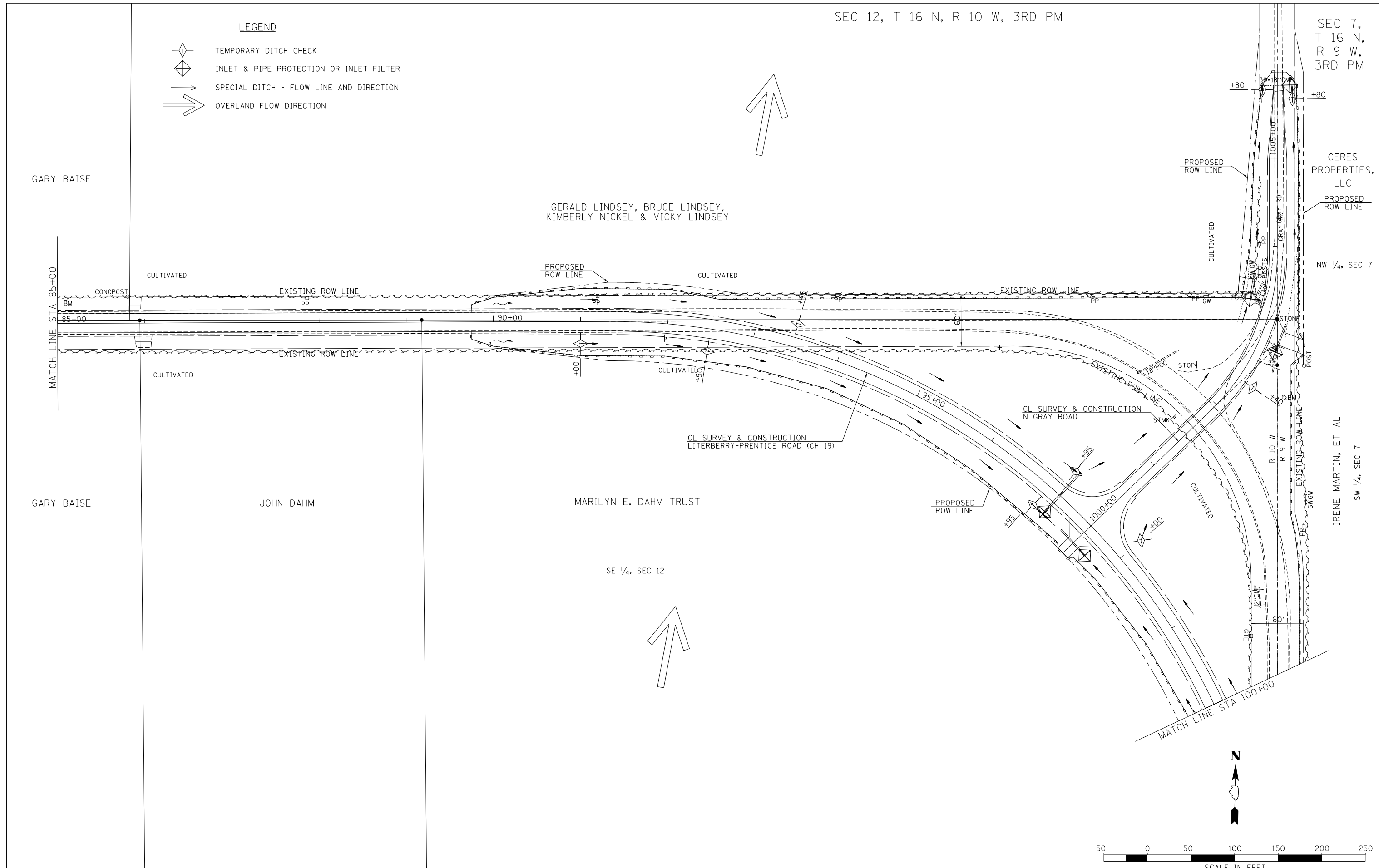
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#MODELNAME#	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 93707				
	PLOT DATE = 11/27/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT				



SEC 12, T 16 N, R 10 W, 3RD PM

SEC 7,  
T 16 N,  
R 9 W,  
3RD PM

- LEGEND**
-  TEMPORARY DITCH CHECK
  -  INLET & PIPE PROTECTION OR INLET FILTER
  -  SPECIAL DITCH - FLOW LINE AND DIRECTION
  -  OVERLAND FLOW DIRECTION



FILE NAME = 3761EROS1.dgn	USER NAME = bborghen	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 11/27/2017	DATE -	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

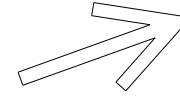
**LTERBERRY-PRENTICE ROAD (CH 19)  
EROSION CONTROL PLAN**

SCALE: 1"=50'    SHEET 1 OF 4 SHEETS    STA. 85+00.00 TO STA. 100+00.00

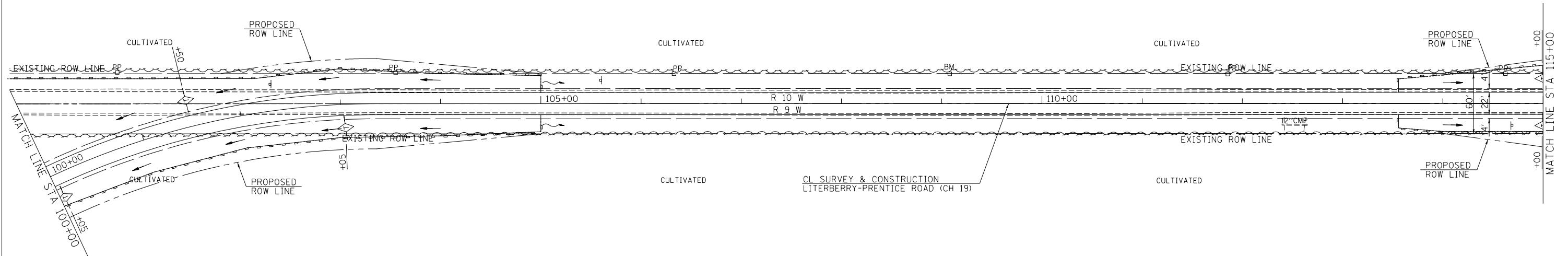
F.A.S. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	21
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				

LEGEND

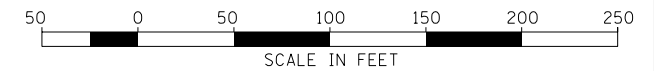
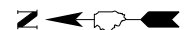
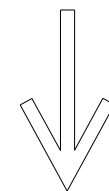
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION OR INLET FILTER
-  SPECIAL DITCH - FLOW LINE AND DIRECTION
-  OVERLAND FLOW DIRECTION



IRENE MARTIN, ET AL



MARILYN E. DAHM TRUST



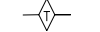

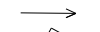

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				611	05-00093-01-FP	MORGAN	38	22
\$MODELNAME\$	PLOT DATE = 11/27/2017	DATE -	REVISED -	SCALE: 1"=50'		SHEET 2 OF 4 SHEETS	STA. 100+00.00 TO STA. 115+00.00		ILLINOIS FED. AID PROJECT CONTRACT NO. 93707		

SEC 12, T 16 N, R 10 W, 3RD PM

MATCH LINE STA 115+00

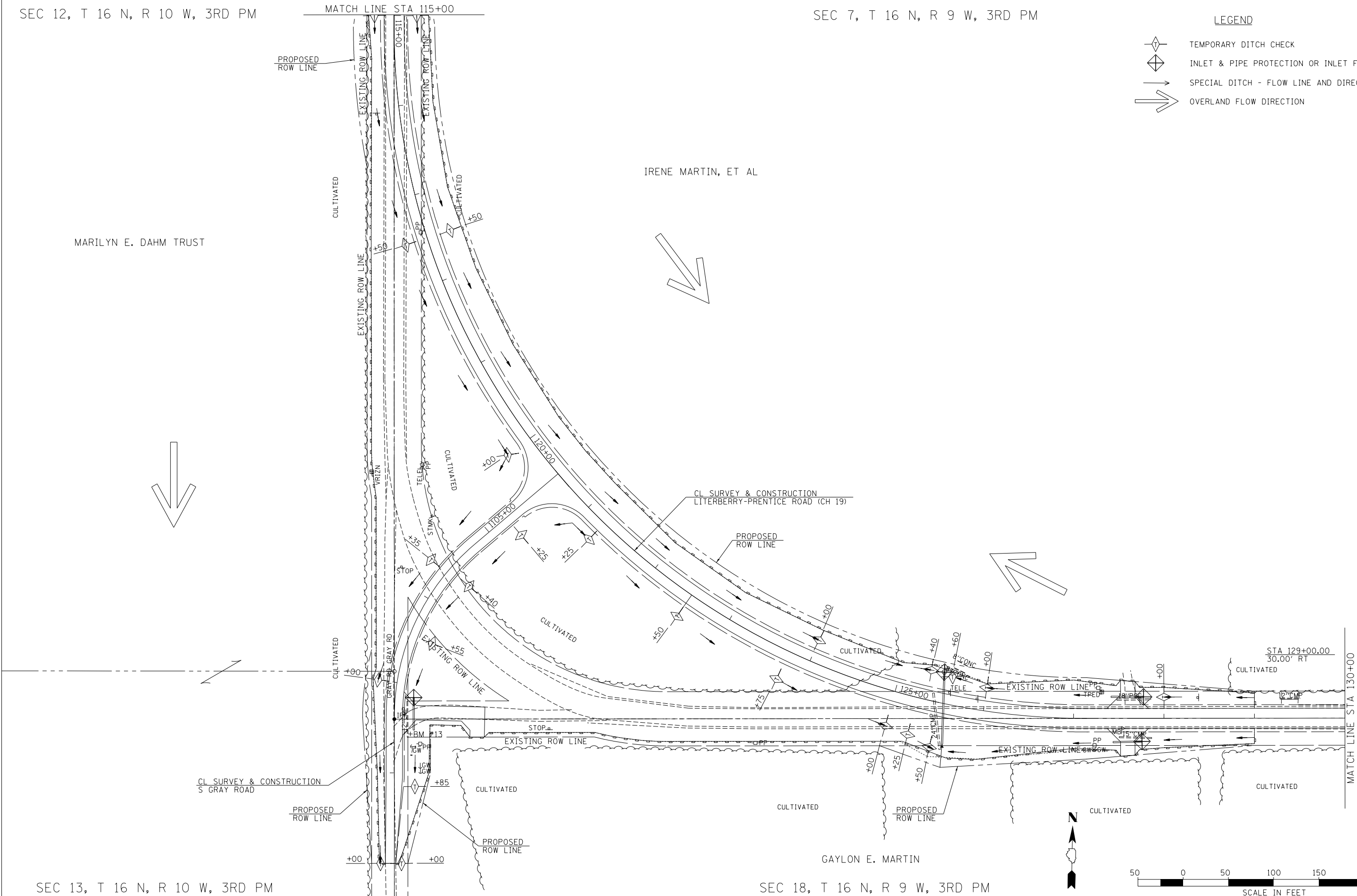
SEC 7, T 16 N, R 9 W, 3RD PM

LEGEND

-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION OR INLET FILTER
-  SPECIAL DITCH - FLOW LINE AND DIRECTION
-  OVERLAND FLOW DIRECTION

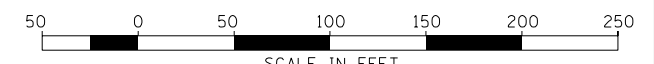
MARILYN E. DAHM TRUST

IRENE MARTIN, ET AL



SEC 13, T 16 N, R 10 W, 3RD PM

SEC 18, T 16 N, R 9 W, 3RD PM



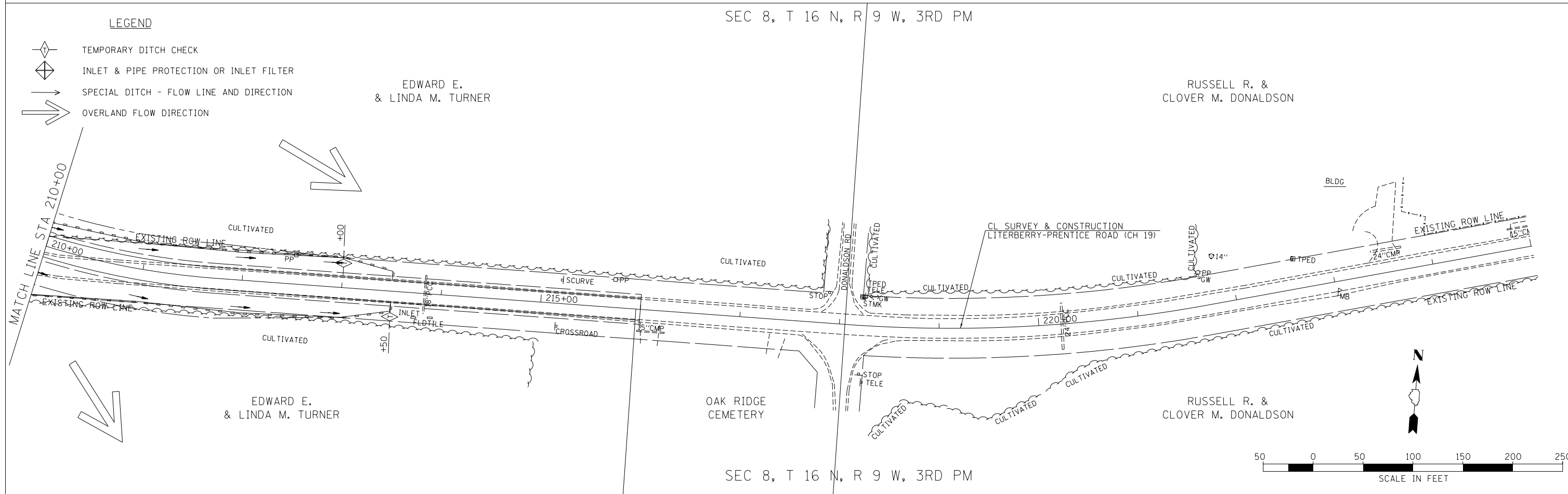
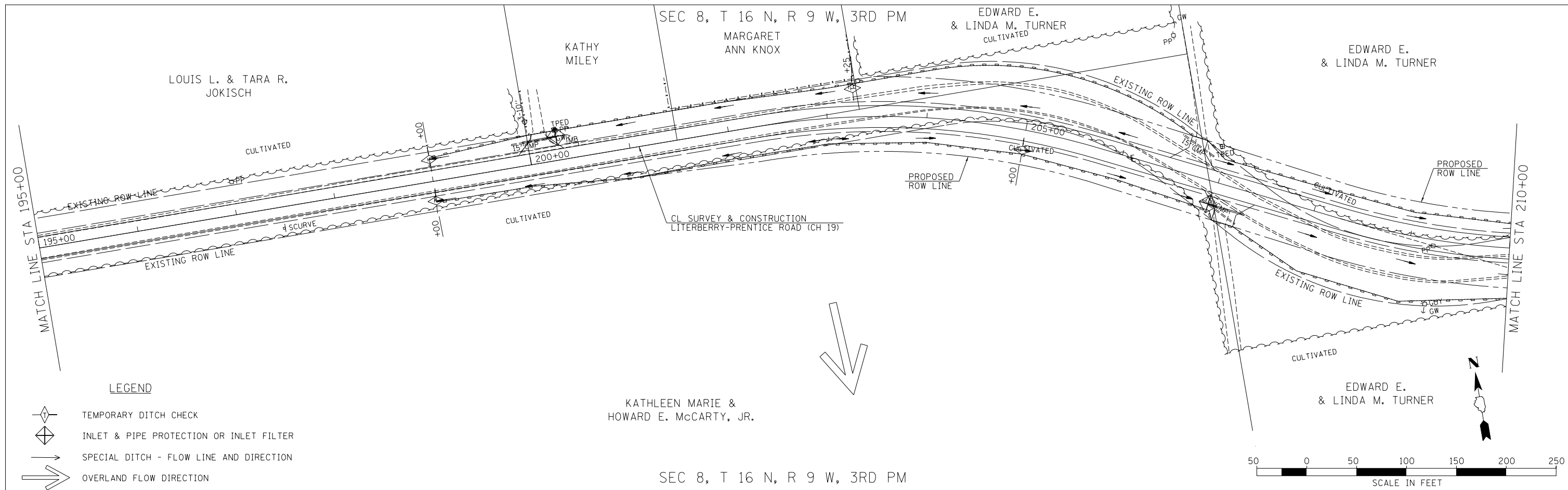
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	PLOT DATE = 11/27/2017	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

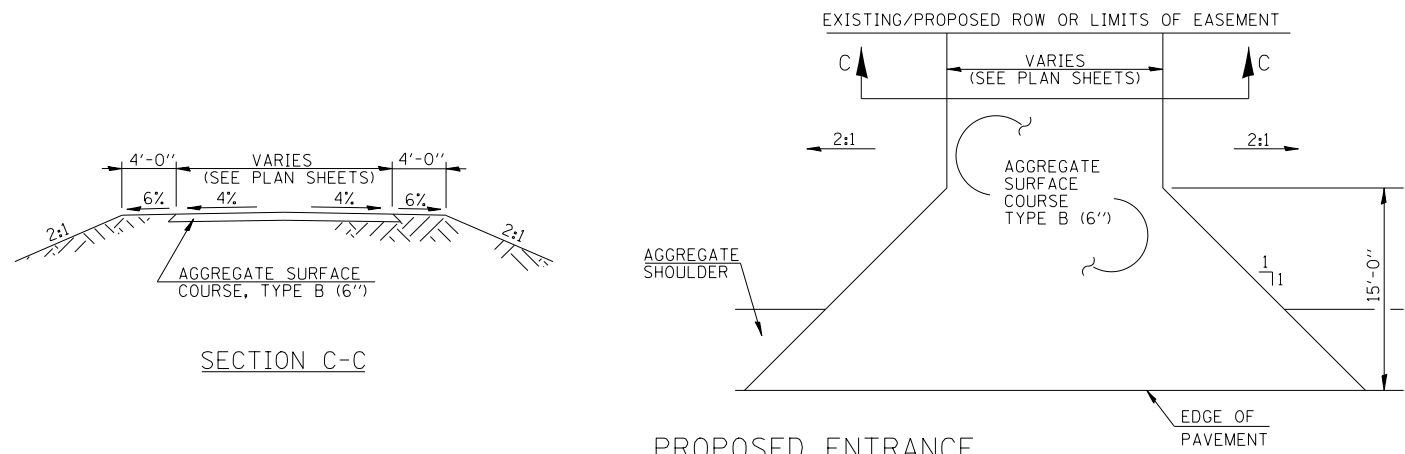
**LTERBERRY-PRENTICE ROAD (CH 19)**  
**EROSION CONTROL PLAN**

SCALE: 1"=50'    SHEET 3 OF 4 SHEETS    STA. 115+00.00 TO STA. 130+00.00

F.A.S. RTE. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 23
				CONTRACT NO. 93707
ILLINOIS FED. AID PROJECT				



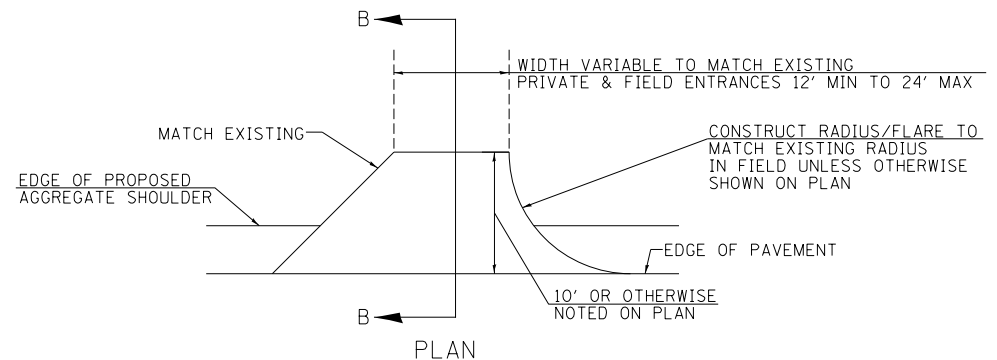
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*MODELNAME*	PLOT DATE = 11/27/2017	DRAWN -	REVISED -			SCALE: 1"=50'	SHEET 4 OF 4 SHEETS	CONTRACT NO. 93707		ILLINOIS FED. AID PROJECT	
		CHECKED -	REVISED -			STA. 195+00.00 TO STA. 225+00.00					
		DATE -	REVISED -								



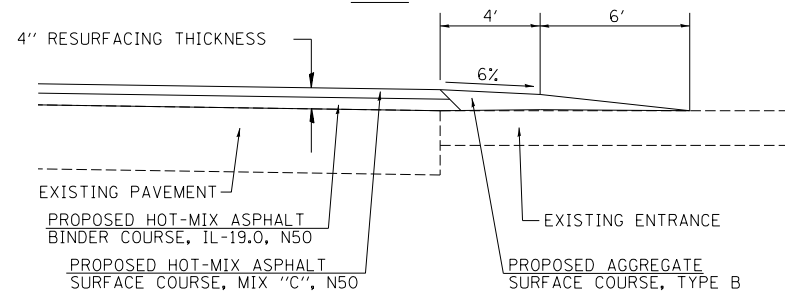
SECTION C-C

PROPOSED ENTRANCE

STATION	SIDE	TYPE
CH 19		
97+50	RT	FE
127+60	RT	FE
127+60	LT	FE
206+72	LT	FE
207+12	RT	FE
NORTH GRAY ROAD		
1003+00	RT	FE
1003+50	LT	FE
SOUTH GRAY ROAD		
1102+68	RT	FE



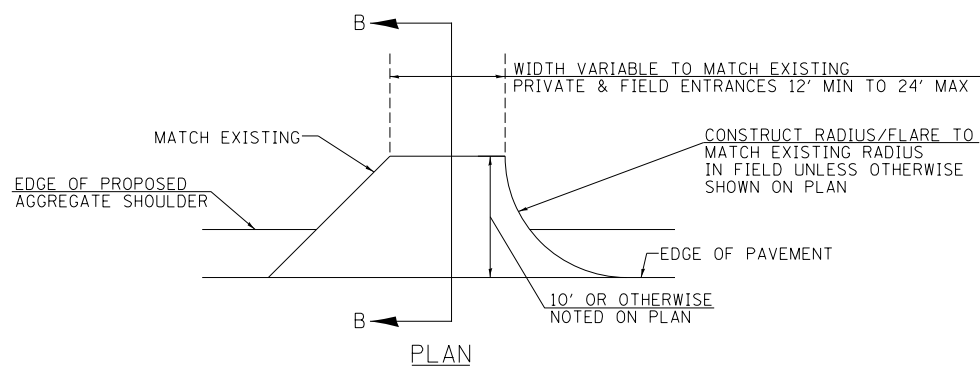
PLAN



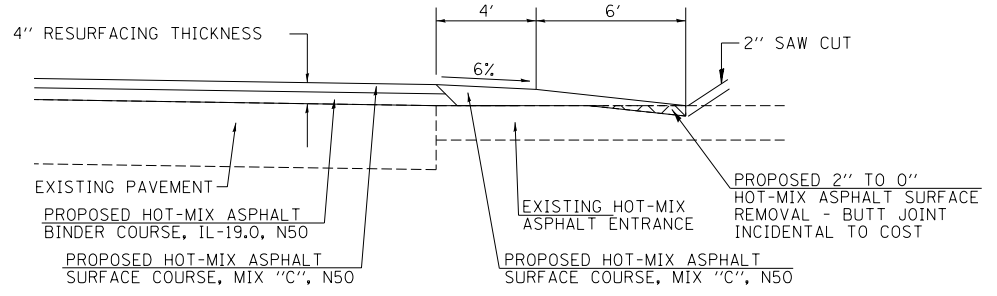
SECTION B-B

AGGREGATE ENTRANCE TAPERS

STATION	SIDE	TYPE
CH 19		
85+89	LT	FE
85+98	RT	FE
112+52	RT	FE
129+39	LT	FE
145+30	RT	FE
146+70	RT	FE
146+91	LT	FE
200+11	LT	PE



PLAN



SECTION B-B

HOT MIX-ASPHALT ENTRANCE TAPERS

STA 193+60 LT

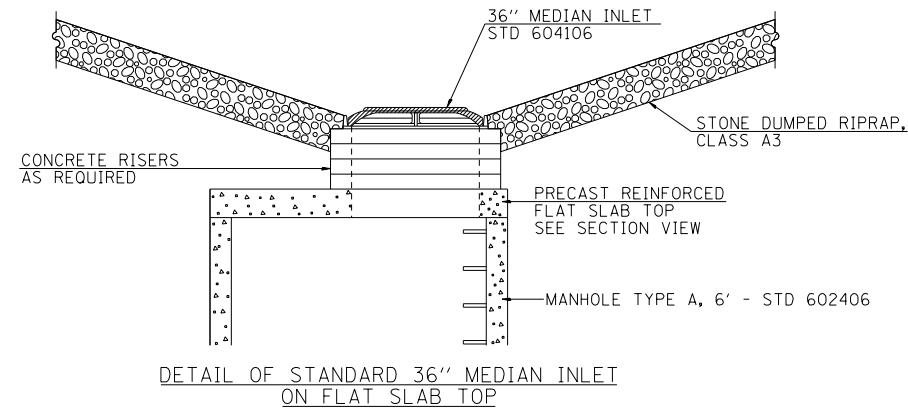
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		DATE - 1-21-2010	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

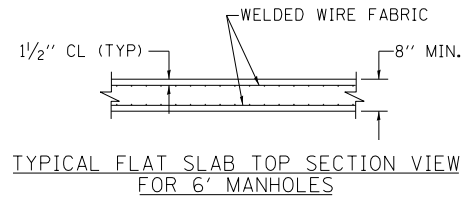
LITERBERRY-PRENTICE ROAD (CH 19)  
SPECIAL DETAILS

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

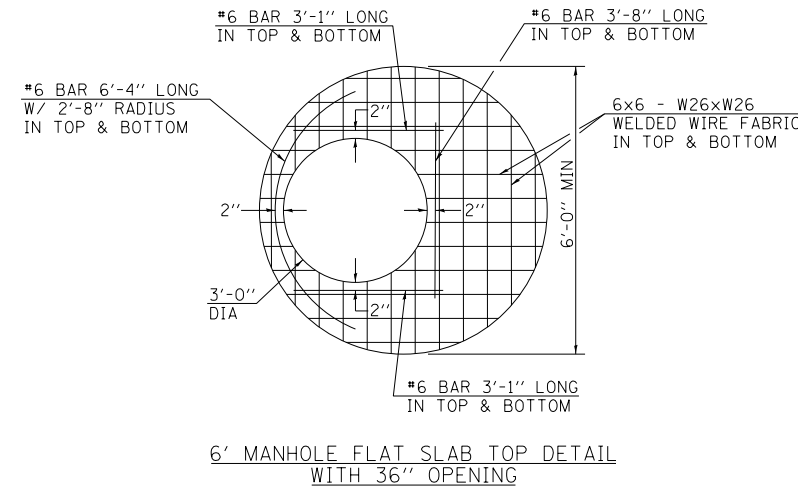
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	25
			CONTRACT NO. 93707	
ILLINOIS FED. AID PROJECT				



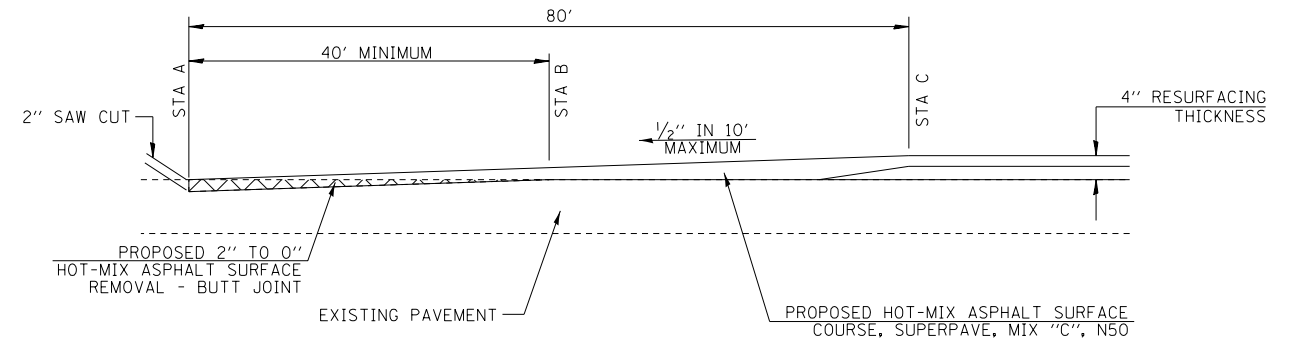
DETAIL OF STANDARD 36" MEDIAN INLET ON FLAT SLAB TOP



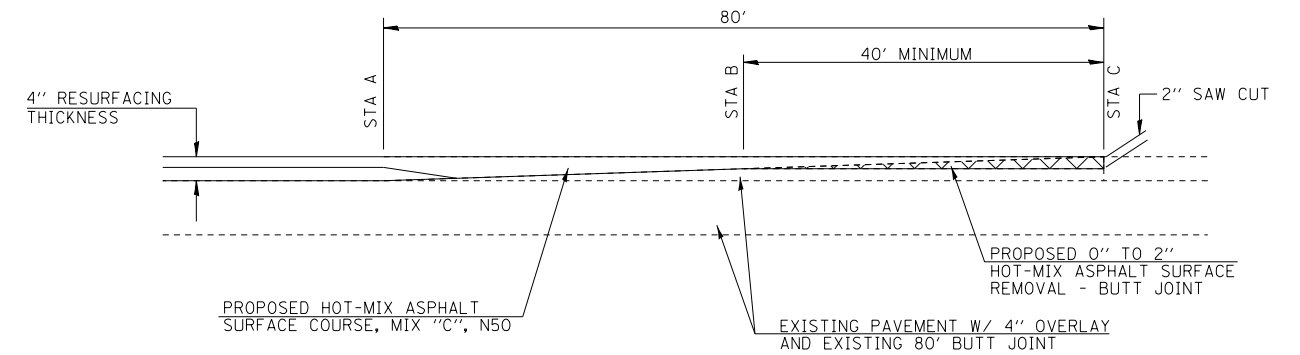
TYPICAL FLAT SLAB TOP SECTION VIEW FOR 6' MANHOLES



6' MANHOLE FLAT SLAB TOP DETAIL WITH 36" OPENING



STA A	STA B	STA C
74+00.00	74+40.00	74+80.00



STA A	STA B	STA C
149+70.00	150+10.00	150+50.00
187+05.00	186+65.00	186+25.00
215+20.00	215+60.00	216+00.00

BUTT JOINT DETAILS

FILE NAME = 37610002.dgn	USER NAME = bborgmen	DESIGNED - JRB	REVISED -
		DRAWN - JMO	REVISED -
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	PLOT DATE = 11/27/2017	DATE - 1/19/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LITERBERRY-PRENTICE ROAD (CH 19)  
SPECIAL DETAILS

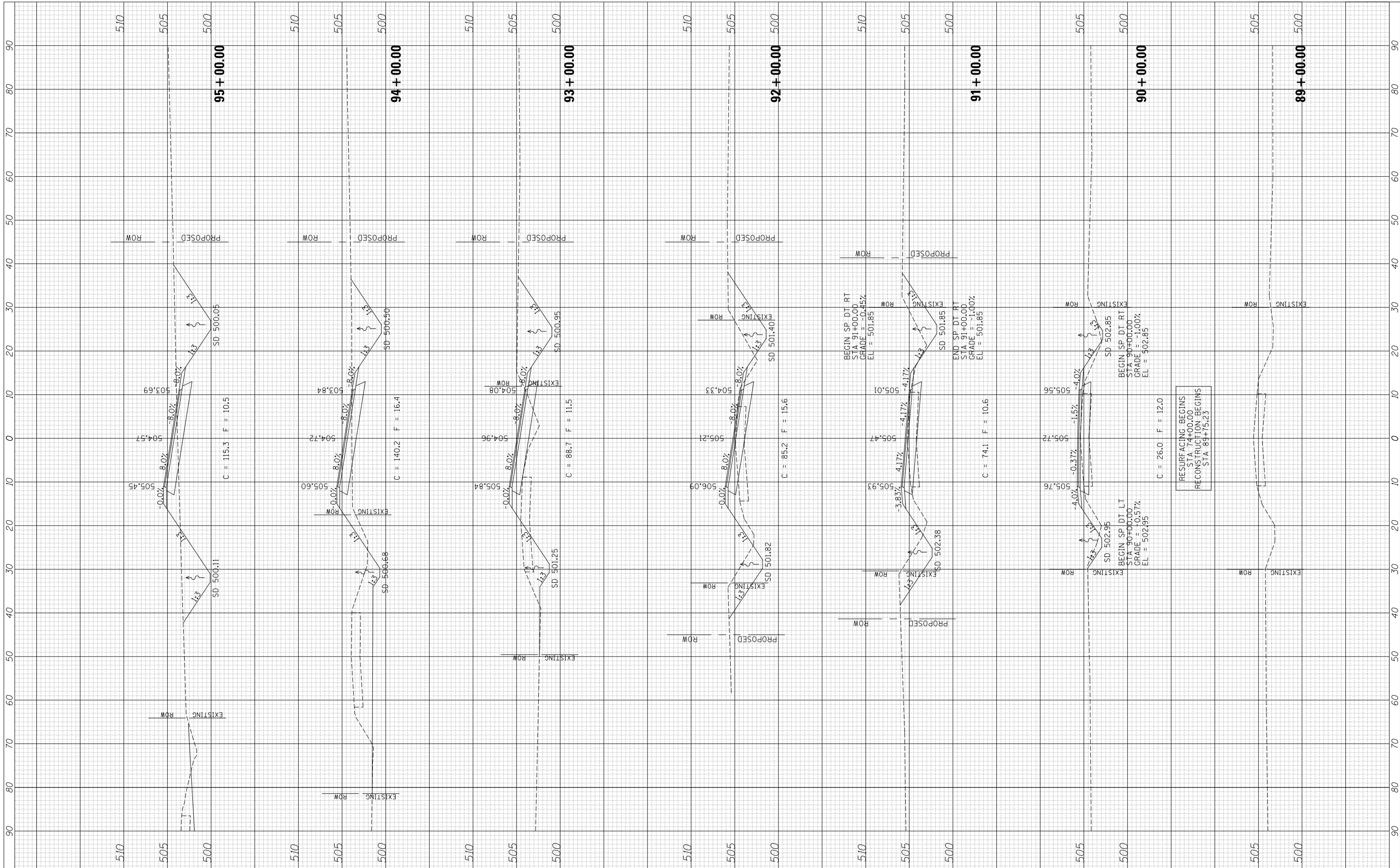
SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	26
			CONTRACT NO. 93707	
ILLINOIS FED. AID PROJECT				



BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	



FILE NAME = 3761xsec-shs CH 19.dgn  
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USER NAME = bborgman	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/27/2017	CHECKED -	REVISED -
	DATE -	REVISED -

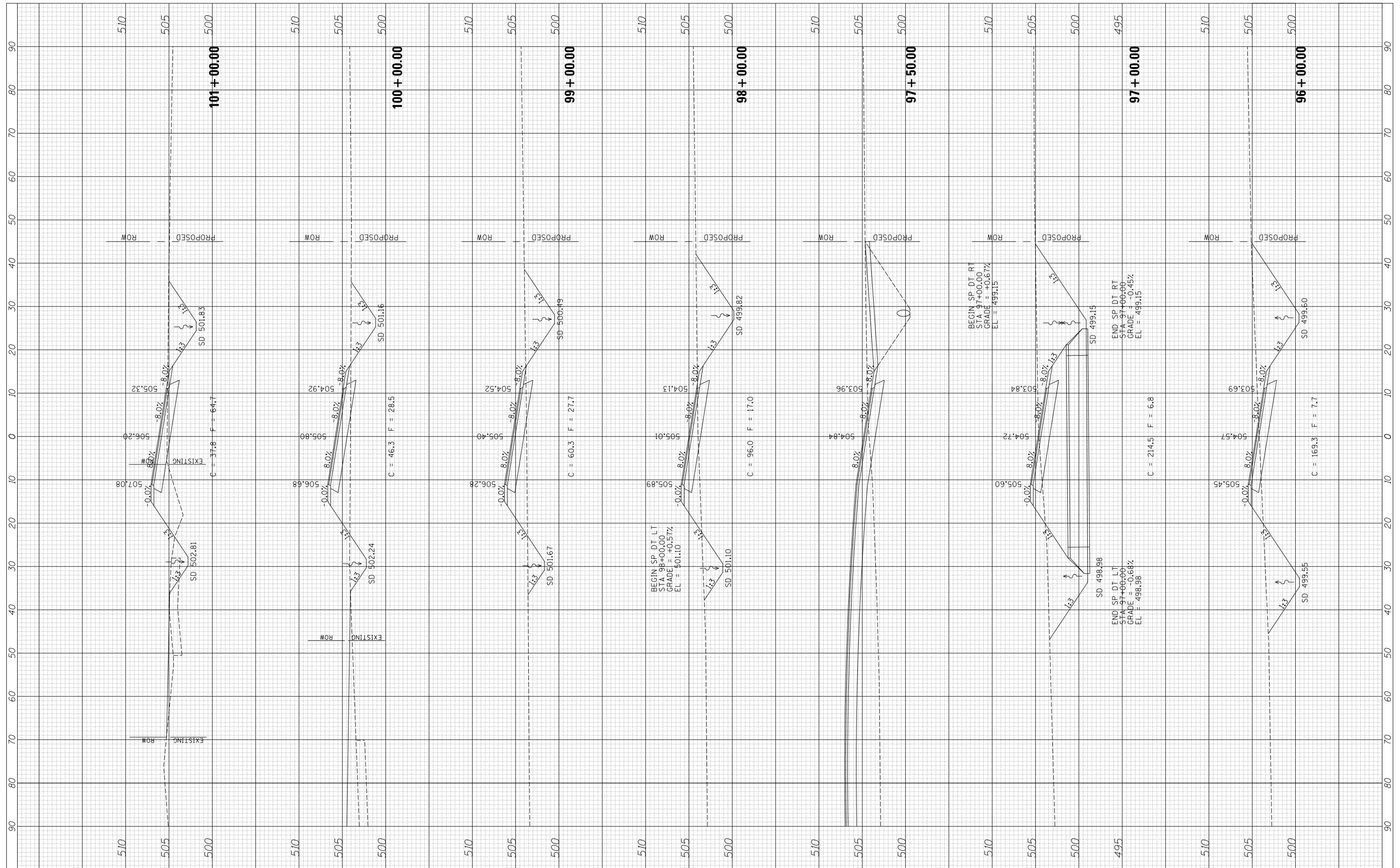
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)  
CROSS SECTIONS**  
 SCALE: SHEET 1 OF 9 SHEETS STA. 89+00.00 TO STA. 95+00.00

F.A.S. RT. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 27
CONTRACT NO. 93707				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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USER NAME = bborghen	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 11/27/2017	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

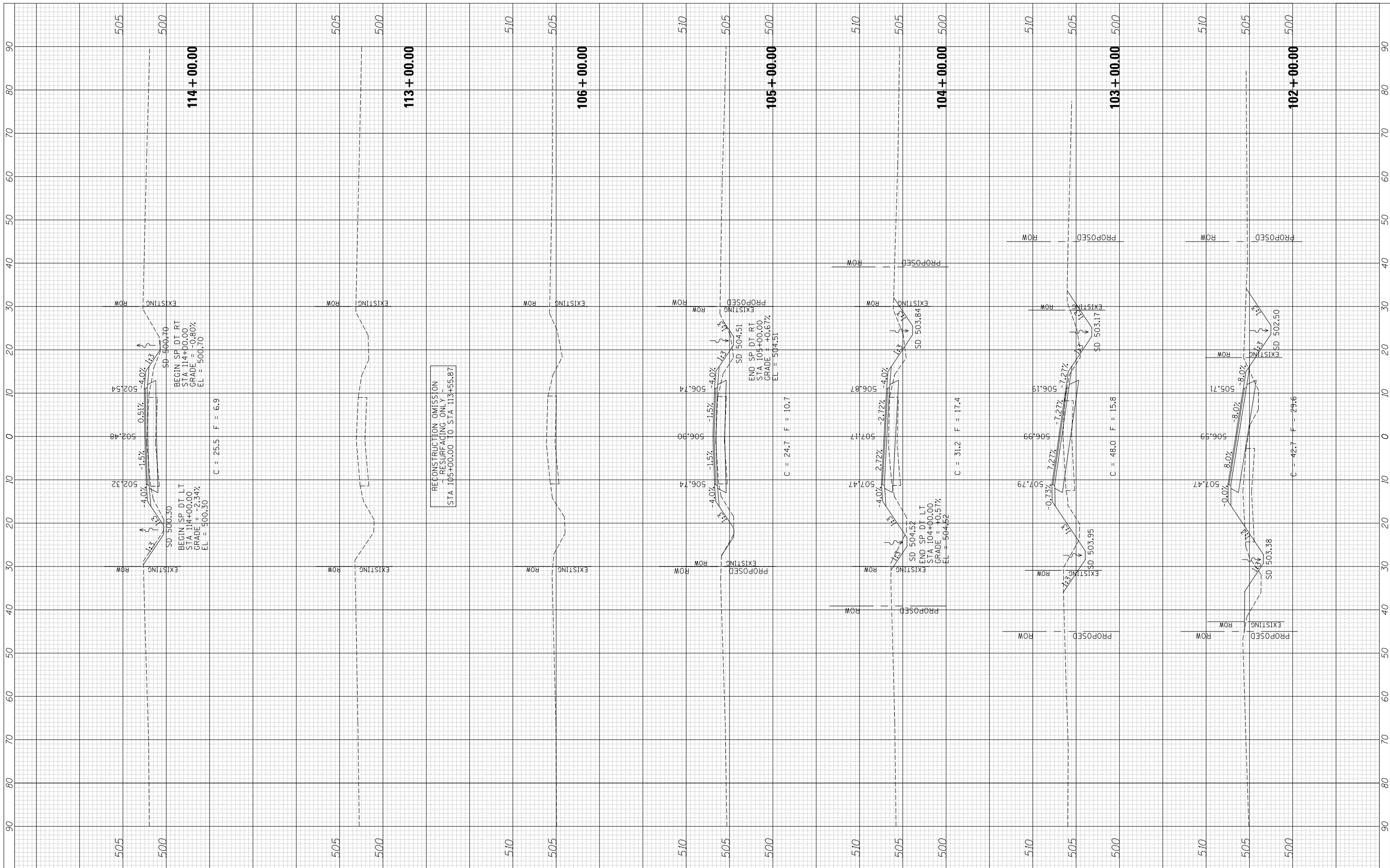
**LITERBERRY-PRENTICE ROAD (CH 19)  
CROSS SECTIONS**

SCALE: SHEET 2 OF 9 SHEETS STA. 96+00.00 TO STA. 101+00.00

F.A.S. RTE. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93707	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

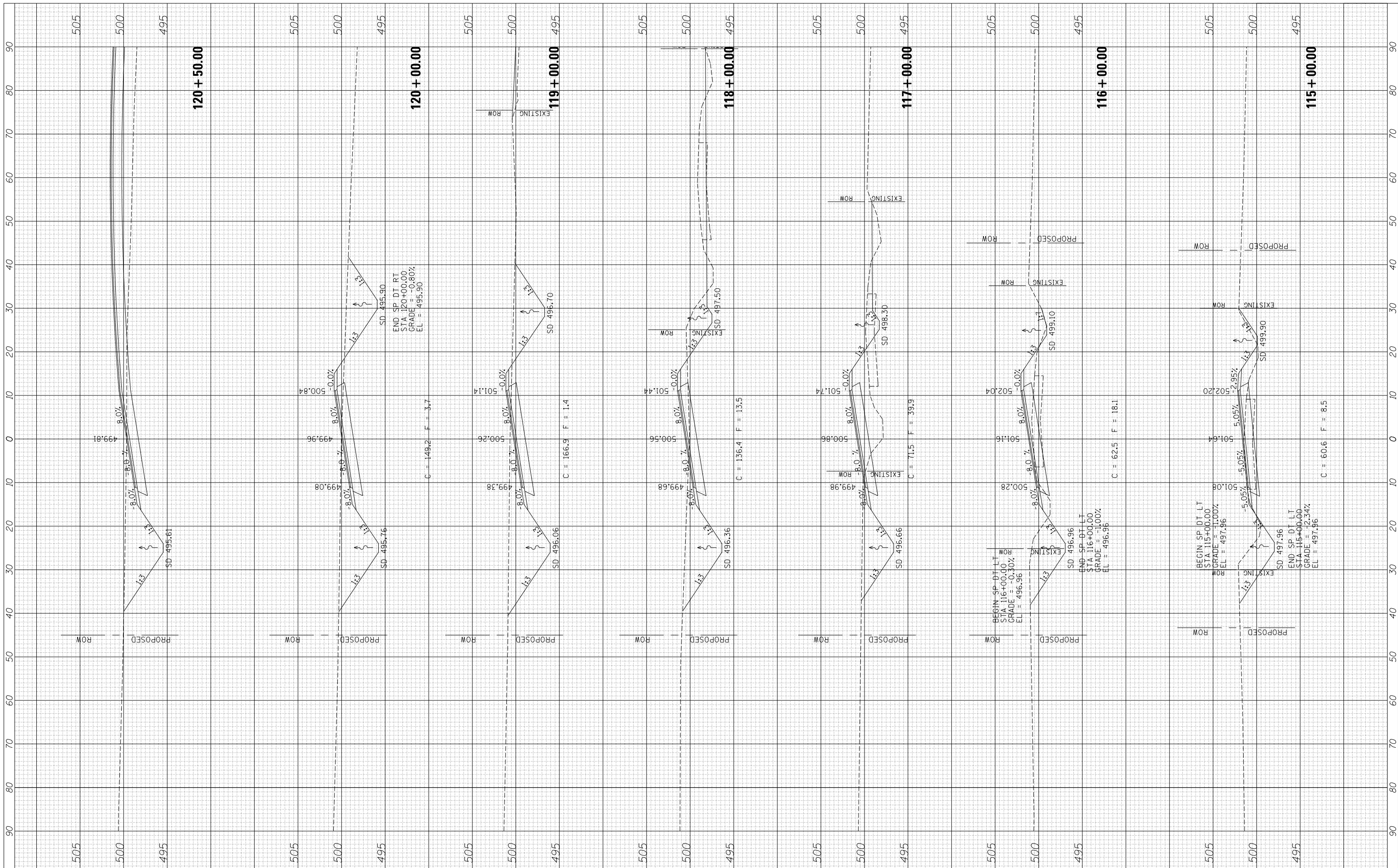
BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	





BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	



FILE NAME = 3761xsec-shs CH 19.dgn  
 #MODELNAME#

USER NAME = bborngren  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 11/27/2017

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

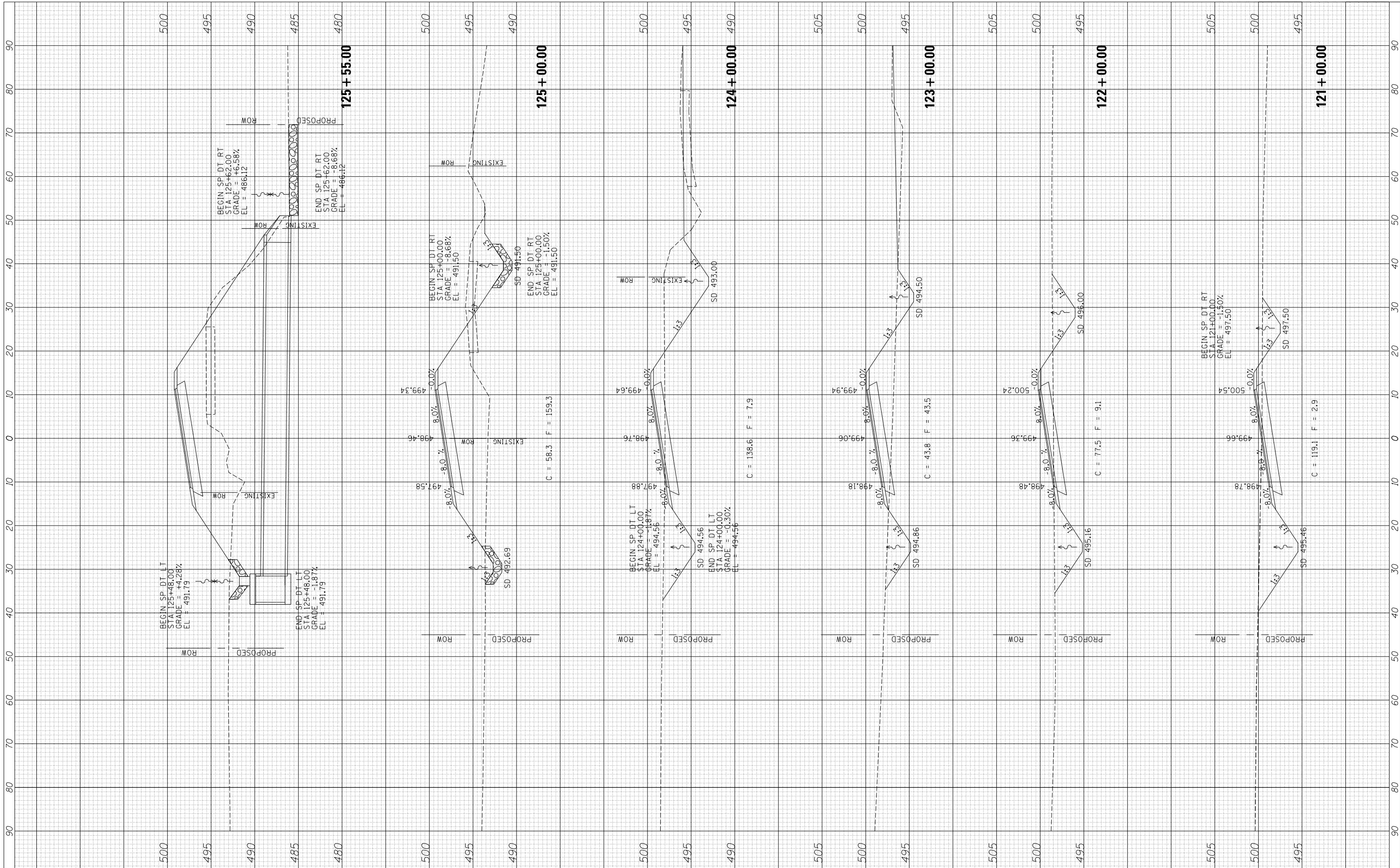
**LITERBERRY-PRENTICE ROAD (CH 19)  
 CROSS SECTIONS**

SCALE: SHEET 4 OF 9 SHEETS STA. 115+00.00 TO STA.120+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	30
CONTRACT NO. 93707			ILLINOIS FED. AID PROJECT	

BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	



FILE NAME = 3761xsec-shs CH 19.dgn  
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 PLOT DATE = 11/27/2017

DESIGNED -  
 DRAWN -  
 CHECKED -  
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REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

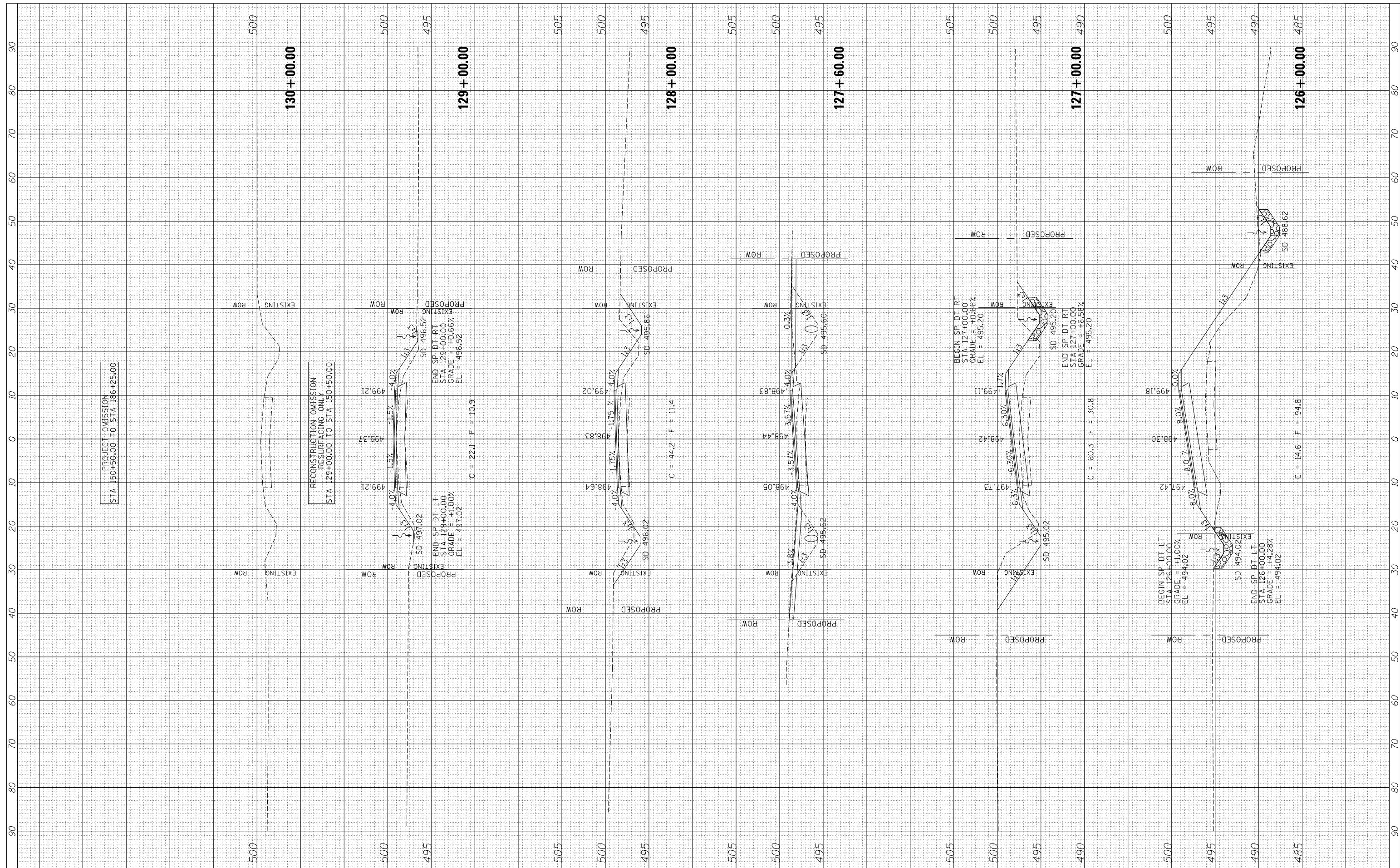
LITERBERRY-PRENTICE ROAD (CH 19)  
 CROSS SECTIONS

SCALE: SHEET 5 OF 9 SHEETS STA. 121+00.00 TO STA. 125+55.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	31
CONTRACT NO. 93707			ILLINOIS FED. AID PROJECT	

BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)  
CROSS SECTIONS**

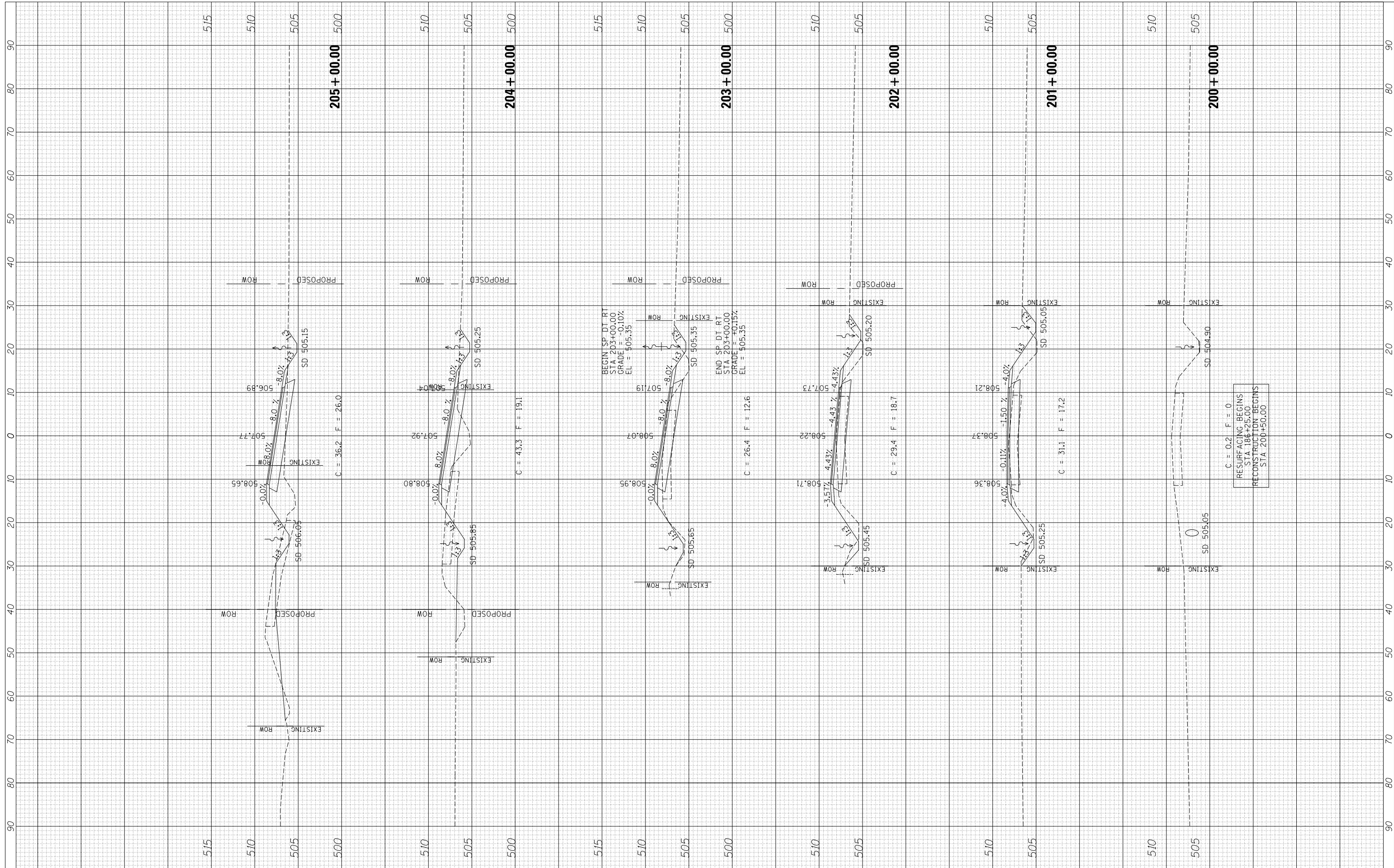
SCALE: SHEET 6 OF 9 SHEETS STA. 126+00.00 TO STA. 130+00.00

F.A.S. RTE. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 32
ILLINOIS FED. AID PROJECT				CONTRACT NO. 93707



BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

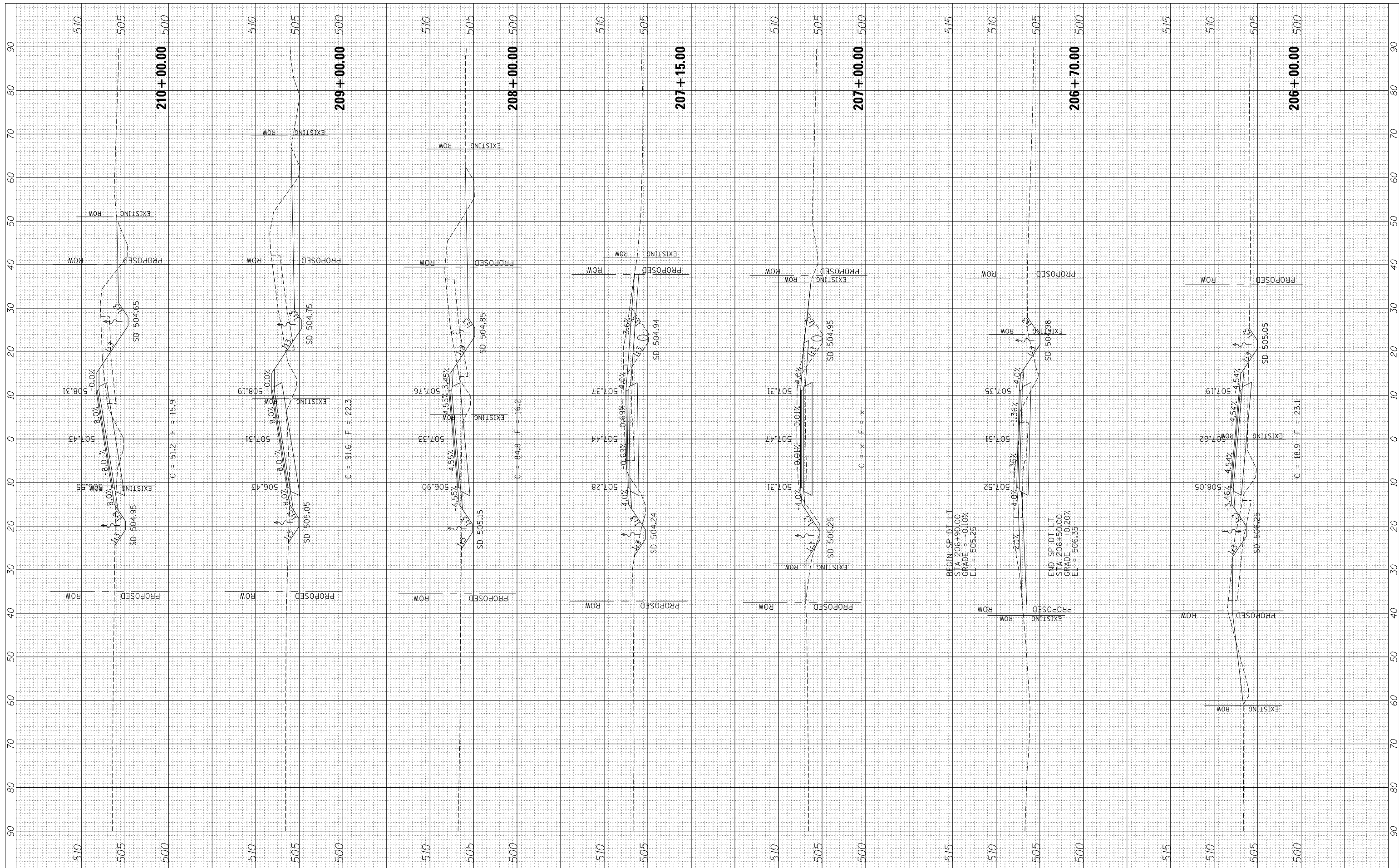
LITERBERRY-PRENTICE ROAD (CH 19)  
 CROSS SECTIONS

SCALE: SHEET 7 OF 9 SHEETS STA. 200+00.00 TO STA. 205+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	33
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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PLOT DATE = 11/27/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)**  
**CROSS SECTIONS**  
 SCALE: SHEET 8 OF 9 SHEETS STA. 206+00.00 TO STA. 210+00.00

F.A.S. RTE. 611	SECTION 05-0093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 34
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				

BY	DATE

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

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DATE -	11/27/2017

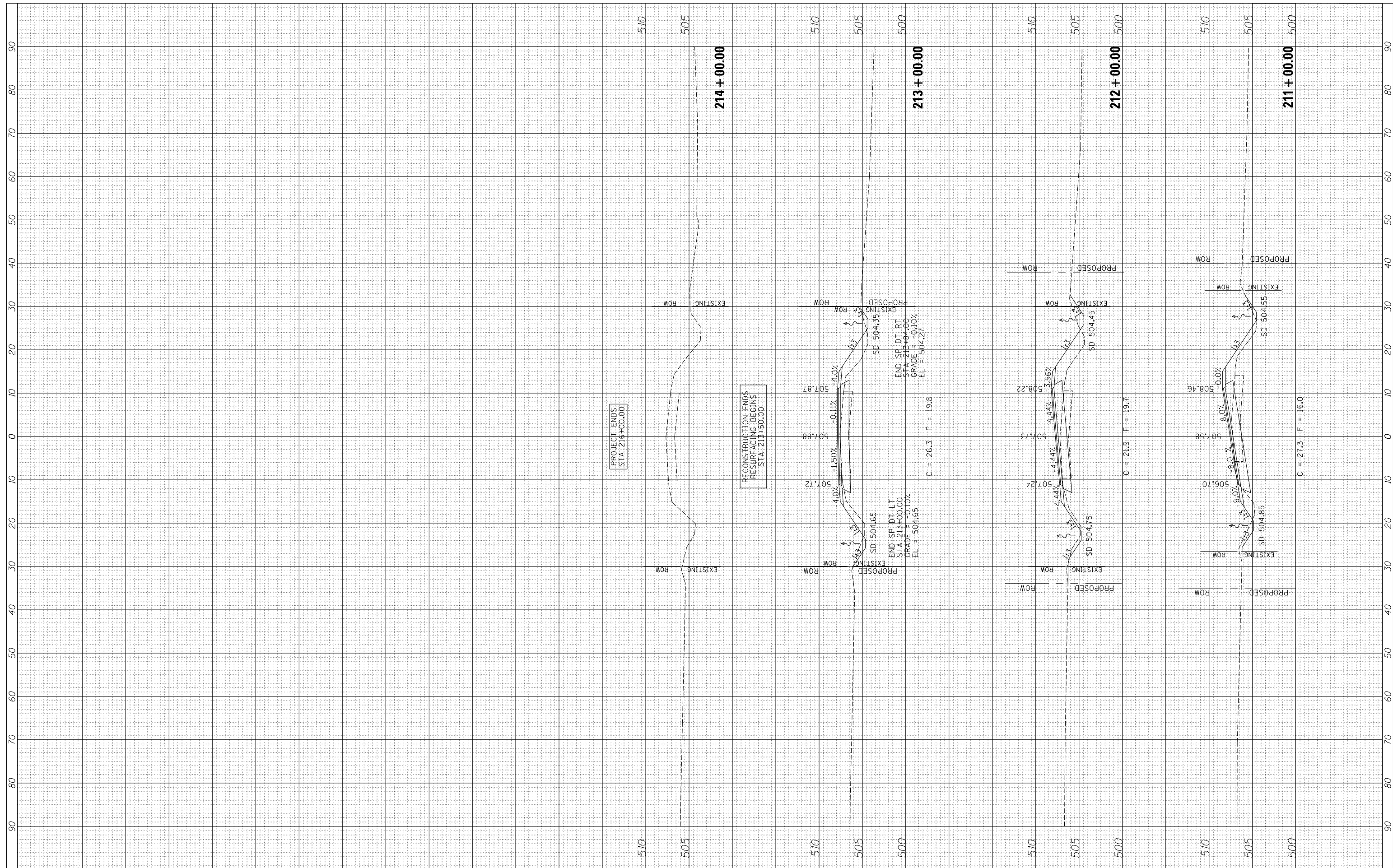
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DRAWN -		REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LITERBERRY-PRENTICE ROAD (CH 19)  
CROSS SECTIONS**

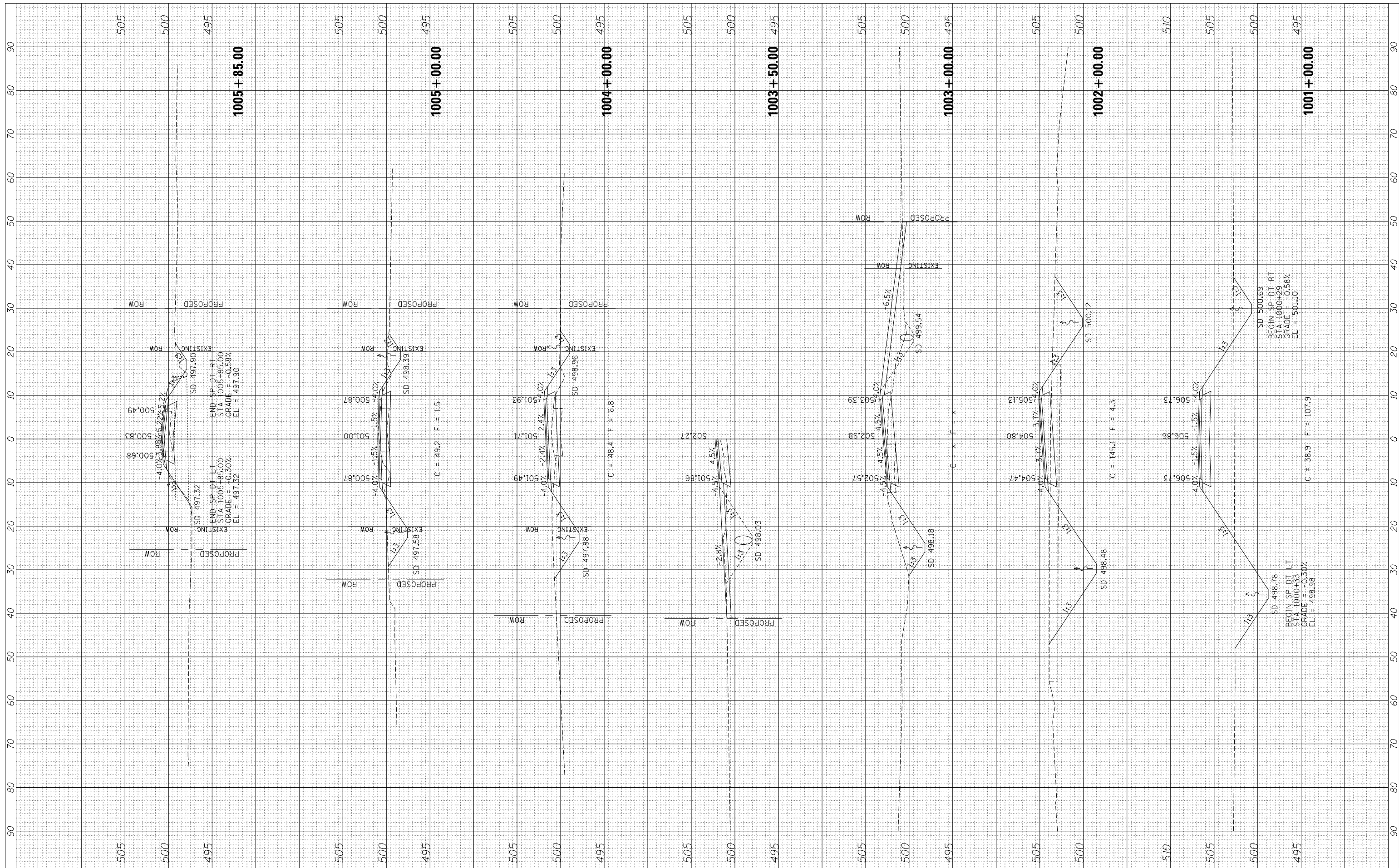
SCALE: SHEET 9 OF 9 SHEETS STA. 211+00.00 TO STA. 214+00.00

F.A.S. RT. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 35
CONTRACT NO. 93707				ILLINOIS FED. AID PROJECT



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

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



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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 11/27/2017

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LITERBERRY-PRENTICE ROAD (CH 19)  
 NORTH GRAY ROAD CROSS SECTIONS  
 SCALE: SHEET 1 OF 2 SHEETS STA. 1001+00.00 TO STA. 1005+85.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
611	05-00093-01-FP	MORGAN	38	36
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
	TEMPLATE	
	AREAS CHECKED	



FILE NAME = 3761xsec-sh1s north gray.dgn  
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PLOT DATE = 11/27/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

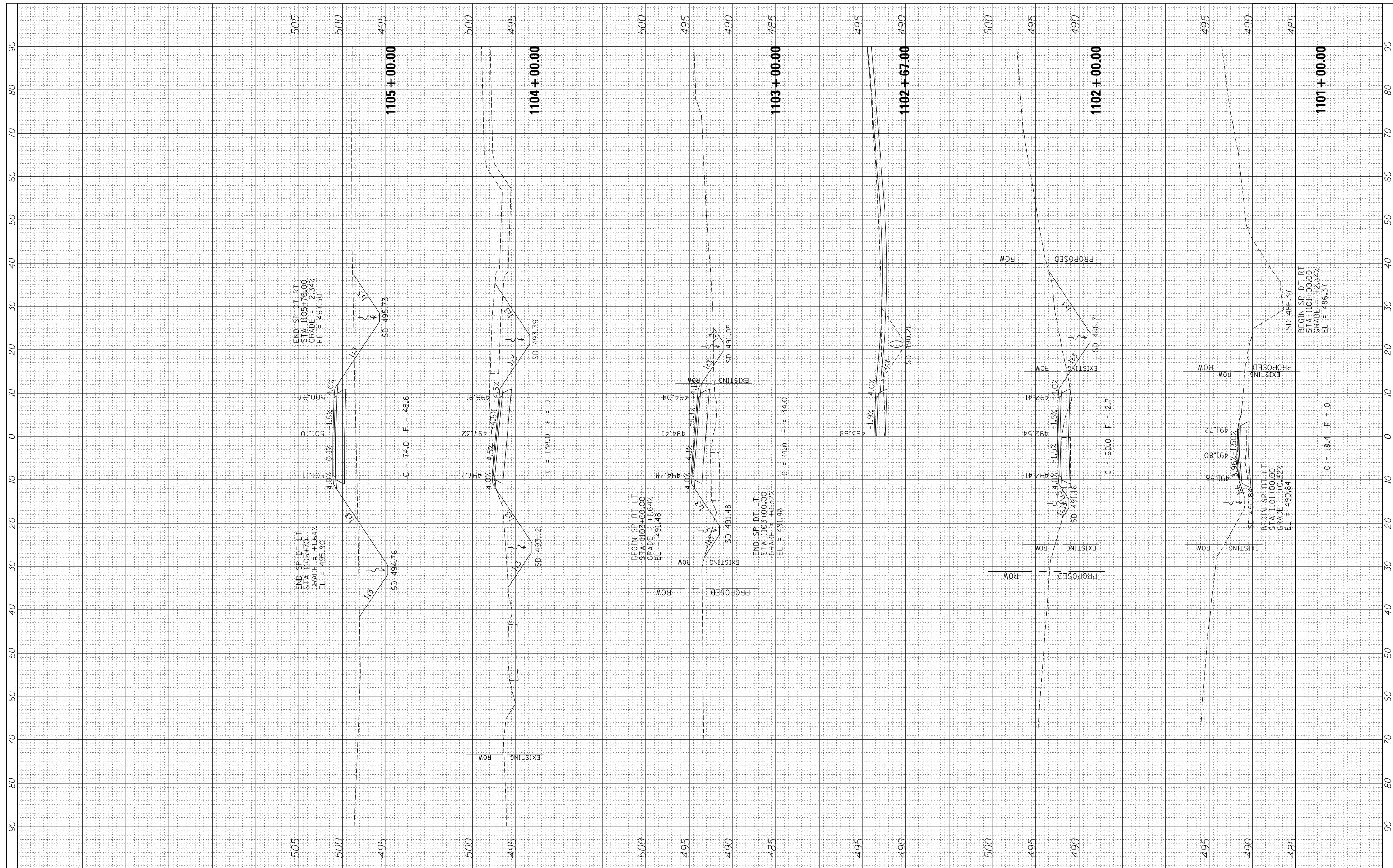
**LITBERRY-PRENTICE ROAD (CH 19)  
NORTH GRAY ROAD CROSS SECTIONS**

SCALE: SHEET 2 OF 2 SHEETS STA. 1006+00.00 TO STA. 1006+00.00

F.A.S. RTE. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 37
				CONTRACT NO. 93707
ILLINOIS FED. AID PROJECT				

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS CHECKED



FILE NAME = 3761xsec-shs south gray.dgn  
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PLOT SCALE = 20.0000' / in.
PLOT DATE = 11/27/2017

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

LITERBERRY-PRENTICE ROAD (CH 19) SOUTH GRAY ROAD CROSS SECTIONS		
SCALE:	SHEET 1 OF 1 SHEETS	STA. 1101+00.00 TO STA. 1105+00.00

F.A.S. RTE. 611	SECTION 05-00093-01-FP	COUNTY MORGAN	TOTAL SHEETS 38	SHEET NO. 38
CONTRACT NO. 93707				
ILLINOIS FED. AID PROJECT				