

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538		PIATT	45	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 91580	

INDEX OF SHEETS 11-09-2018 LETTING ITEM 097

SHEET NO.	TITLE
1.	COVER SHEET
2.	SUMMARY OF QUANTITIES, GENERAL NOTES, AND STANDARDS
3.-7.	TYPICAL CROSS SECTIONS
8.-9.	SCHEDULES OF QUANTITIES
10.-14.	ALIGNMENT AND BENCH MARKS
15.-23.	PLAN SHEETS
24.-25.	ENTRANCE, MAIL BOX TURNOUT AND SIDE ROAD DETAILS
26.	CONCRETE COLLAR
27.	BUTT JOINT DETAILS
28.-45.	CROSS SECTIONS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED HIGHWAY SAFETY IMPROVEMENT PROJECT

**FAS ROUTE 538 (CH 5)
SECTION 19-00220-04-SD
PROJECT NO. XZG8(943)
PIATT COUNTY
JOB NUMBER C-95-099-18
FUNDING: HSIP & LOCAL**

SEE SHEET 2 FOR
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

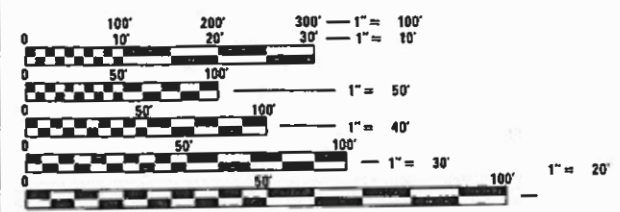
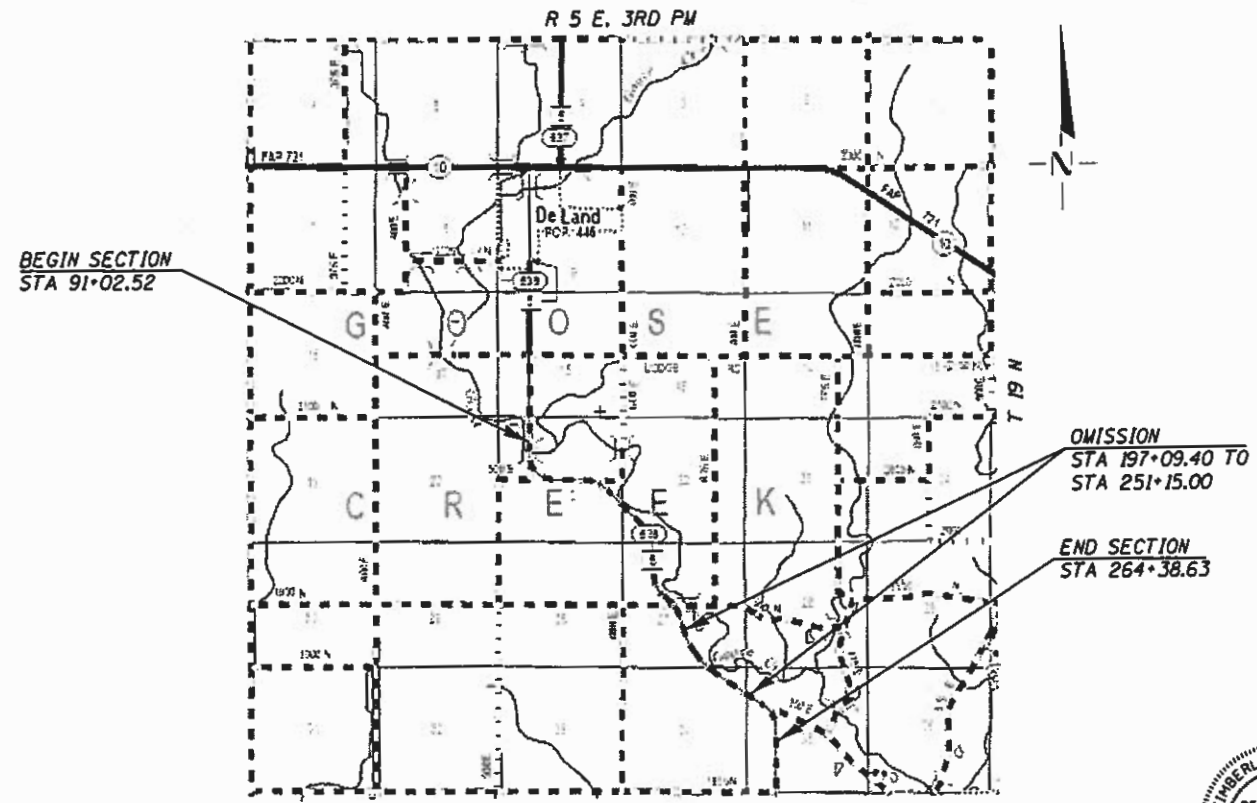
UTILITY CONTACTS:

UTILITY TYPE: ELECTRIC CORN BELT ENERGY CORPORATION ATTN: ENGINEERING DEPARTMENT PHONE: (309) 662-5330	UTILITY TYPE: ELECTRIC AMEREN IP ATTN: MARTIN FULLER PHONE: (618) 236-6281
---	---

UTILITY TYPE:
TELEPHONE
FRONTIER COMMUNICATIONS (NORTH)
ATTN: KALIN HINSHAW
PHONE: (815) 895-1515

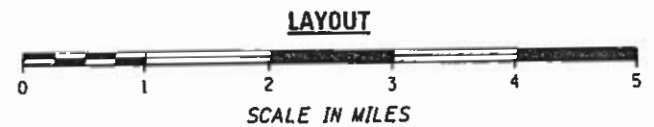


LOCATION OF SECTION INDICATED THUS: -



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



GROSS LENGTH OF SECTION = 17,336.11 FEET = 3.283 MILES
NET LENGTH OF SECTION = 11,914.11 FEET = 2.256 MILES
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED 50 MPH
CURRENT ADT = 1200 (2015)



Kimberly S. Cummins 7/30/18
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/19)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED July 19 20 18
[Signature]
PIATT COUNTY ENGINEER

PASSED AUGUST 7 20 18
[Signature]
DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW
AUGUST 7 20 18
[Signature]
REGION THREE ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	730
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10
28000400	PERIMETER EROSION BARRIER	FOOT	153
28000500	INLET AND PIPE PROTECTION	EACH	1
35101400	AGGREGATE BASE COURSE, TYPE B	TON	15
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	11
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,792
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5, FG N50	TON	343
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	396
40600990	TEMPORARY RAMP	SO YD	27
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50	TON	628
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	548
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	27
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	2,501
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SO YD	7,854
50104400	CONCRETE HEADWALL REMOVAL	EACH	1
54200235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	196
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
54248510	CONCRETE COLLAR	CU YD	0.8
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE B GRATE	EACH	1
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	23,562
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	752
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	50
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,331
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.25
X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	1
XX006985	SHOULDER EXCAVATION	CU YD	1,585
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

* SEE SPECIAL PROVISION
 Δ SPECIALTY ITEMS

LIST OF ILLINOIS DOT HIGHWAY 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 SECTION
602401-04	PRECAST MANHOLE TYPE A 4' DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604036-03	GRATE TYPE B
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006	SHOULDER RUMBLE STRIPS, 8 IN.
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
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
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-07	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THESE PLANS
- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.
- SEEDING CLASS 2 (SPECIAL) = 0.25 ACRES
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.
- THE CENTERLINE OF SURVEY IS THE CENTERLINE OF THE EXISTING RIGHT OF WAY. HMA RESURFACING SHALL FOLLOW THE EXISTING CENTERLINE OF PAVEMENT AND EDGE OF PAVEMENT.
- MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	CH 5	CH 5	CH 5
MIXTURE USE	SURFACE, TOP 1 1/2" SHOULDER & INCIDENTAL	LEVELING BINDER	BOTTOM 6 1/2" OF SHOULDER
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 @ NDESIGN = 50	4.0 @ NDESIGN = 50	4.0 @ NDESIGN = 50
MIX COMP (GRADATION)	IL 9.5	IL 9.5 FG	IL 19.0
FRICTION AGGREGATE	MIX C	N.A.	N.A.
MIXTURE WEIGHT	112	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.	N.A.

APPLICATION RATES USED IN QUANTITY CALCULATIONS

TEMPORARY EROSION CONTROL SEEDING _____ 100 LBS/ACRE
 HMA _____ 112 LBS/SQ YD/ 1" THICKNESS
 Granular Materials _____ 2.05 TON/CU YD

BITUMINOUS MATERIALS
 ON EX PAVEMENT OR MILLED SURFACE _____ 0.05 LBS/SQ FT
 BETWEEN HMA LIFTS _____ 0.025 LBS/SQ FT

COMMITMENTS

NONE

4/20/21, 1:04:48 PM
 FILE NAME: 2541.1-04-001.dgn
 C:\CADD\DESIGN\2541.1-04-001.dgn



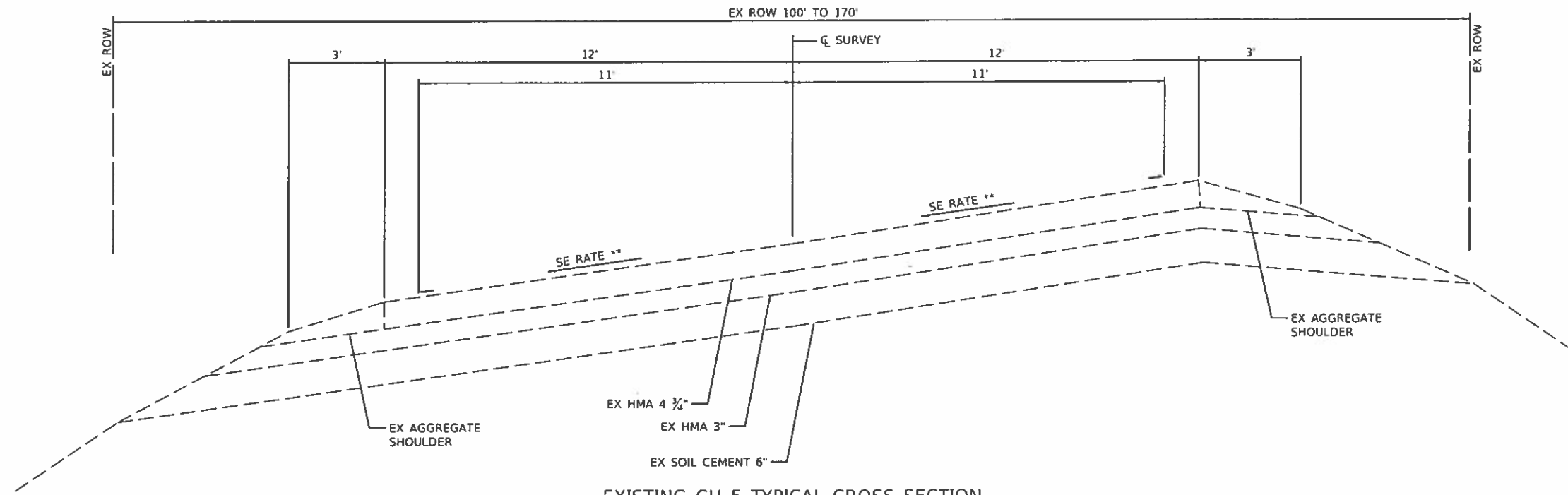
JOB # 2541.1
 FILE NAME = 2541.1-04-001.dgn
 PLOT SCALE = 100.0000 7/8"
 PLOT DATE = 11/20/2017

DESIGNED - NAK	REVISED -
DRAWN - SJS	REVISED -
CHECKED - NAK	REVISED -
DATE 11/20/2017	REVISED

PIATT COUNTY
 CH 5 IMPROVEMENTS

SUMMARY OF QUANTITIES, HIGHWAY STANDARDS,
 GENERAL NOTES, TYPICAL SECTIONS AND ENTRANCE DETAILS

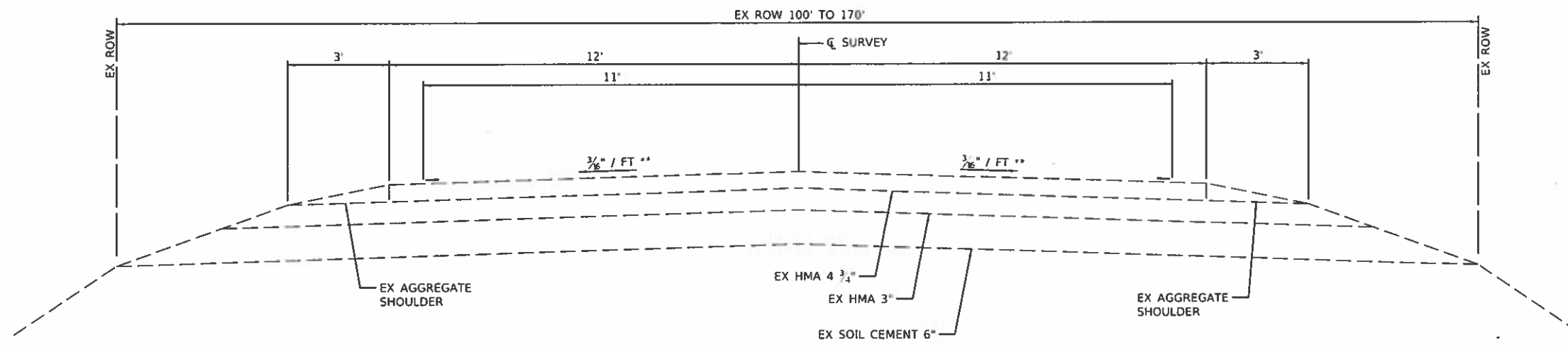
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
838	19-00220-04-SD	PIATT	45	2
CONTRACT NO. 81580				



EXISTING CH 5 TYPICAL CROSS SECTION

STA 92+03.70 TO STA 108+18.75
 STA 176+18.85 TO STA 186+27.05

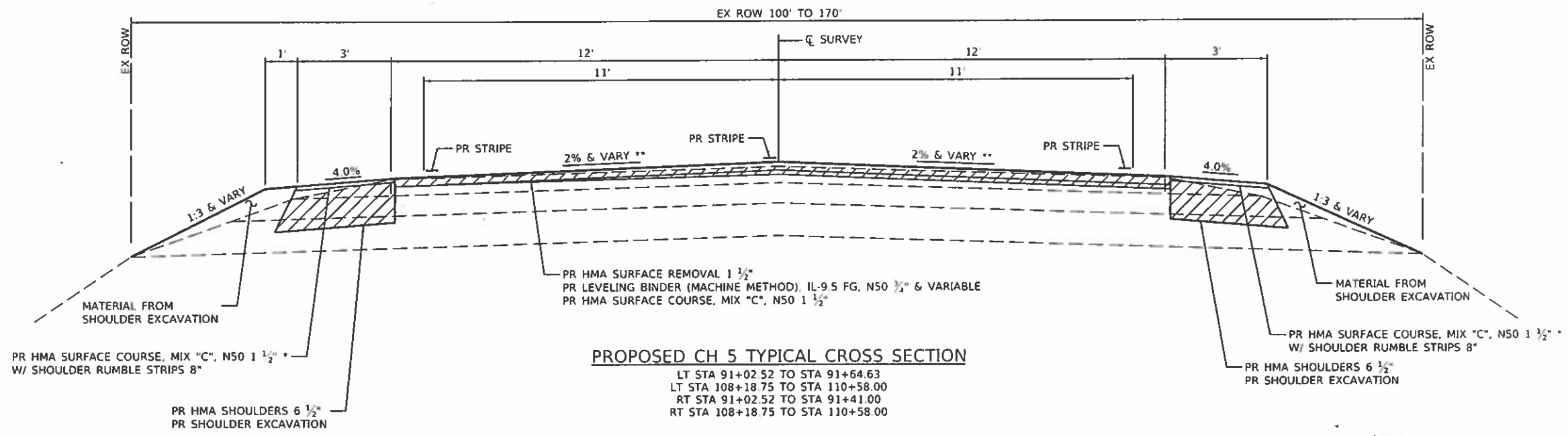
** SEE PLAN SHEETS FOR EXISTING AND PROPOSED SUPERELEVATION RATES AND TRANSITIONS



EXISTING CH 5 TYPICAL CROSS SECTION

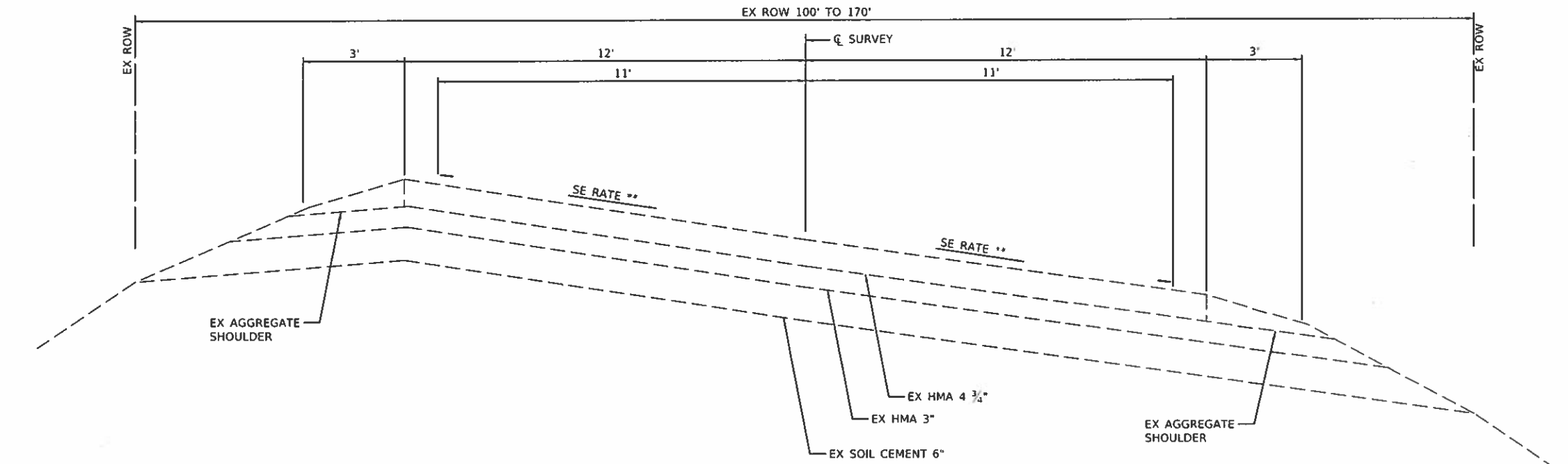
STA 91+02.52 TO STA 92+03.70
 STA 108+18.75 TO STA 122+35.37
 STA 130+91.86 TO STA 154+75.14
 STA 163+75.44 TO STA 176+18.85
 STA 186+27.05 TO STA 189+34.37
 STA 196+09.37 TO STA 196+09.40
 STA 251+15.00 TO STA 252+14.97
 STA 263+38.02 TO STA 264+38.63

MODEL: D:\cswm\...
 FILE NAME: H:\2541.1\Plat: HSIP: CH 5\CAD\Drawings\2541.1-shr-typical.dgn



PROPOSED CH 5 TYPICAL CROSS SECTION
 LT STA 91+02.52 TO STA 91+64.63
 LT STA 108+18.75 TO STA 110+58.00
 RT STA 91+02.52 TO STA 91+41.00
 RT STA 108+18.75 TO STA 110+58.00

TOP 1 1/2" OF SHOULDER SHALL BE PLACED AT THE SAME TIME AS THE MAINLINE SURFACE LIFT
 **
 SEE PLAN SHEETS FOR EXISTING AND PROPOSED SUPERELEVATION RATES AND TRANSITIONS



EXISTING CH 5 TYPICAL CROSS SECTION
 STA 122+35.37 TO STA 130+91.86
 STA 154+75.14 TO STA 163+75.44
 STA 189+34.37 TO STA 196+09.37
 STA 252+14.97 TO STA 263+38.02

MODEL: D:\shop
 FILE NAME: R32411_1_Plat_155P_CH_5\CAD\DWG\SheetS32411_1.plt-typical.dwg

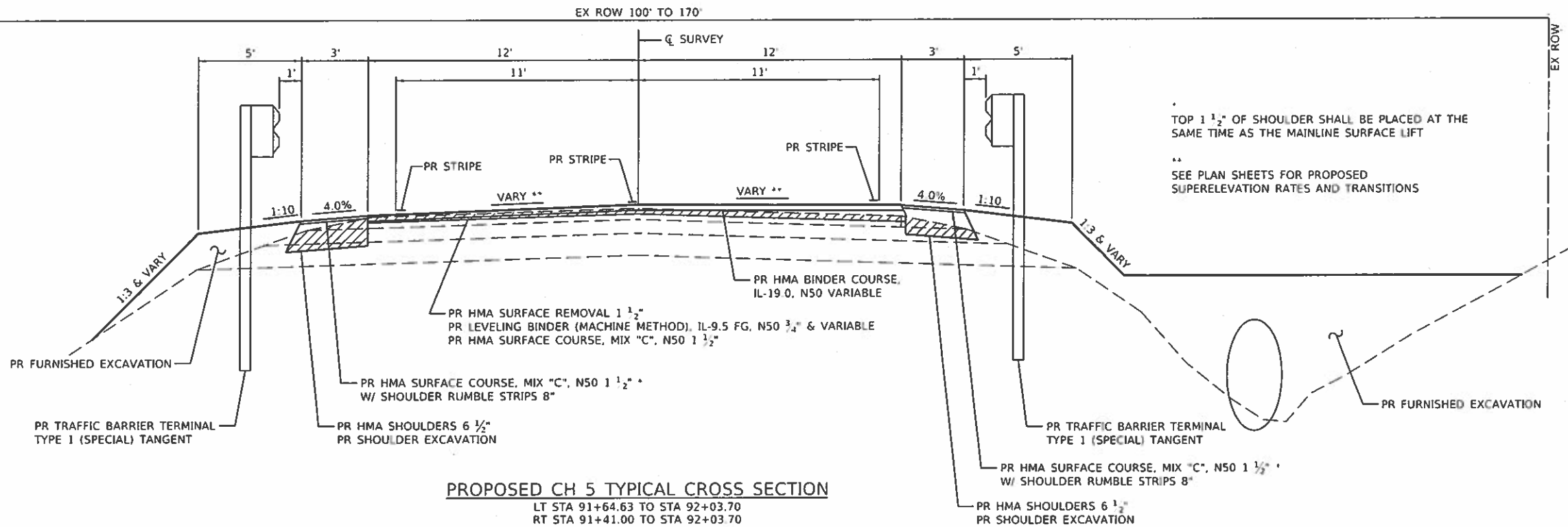
JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME # 2541.1-plt-typical.dwg	DRAWN - SJS	REVISED -
PLOT SCALE # 4.0000"=1ft.	CHECKED - NAK	REVISED -
DATE - 11/20/2017	DATE -	REVISED -

TYPICAL CROSS SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

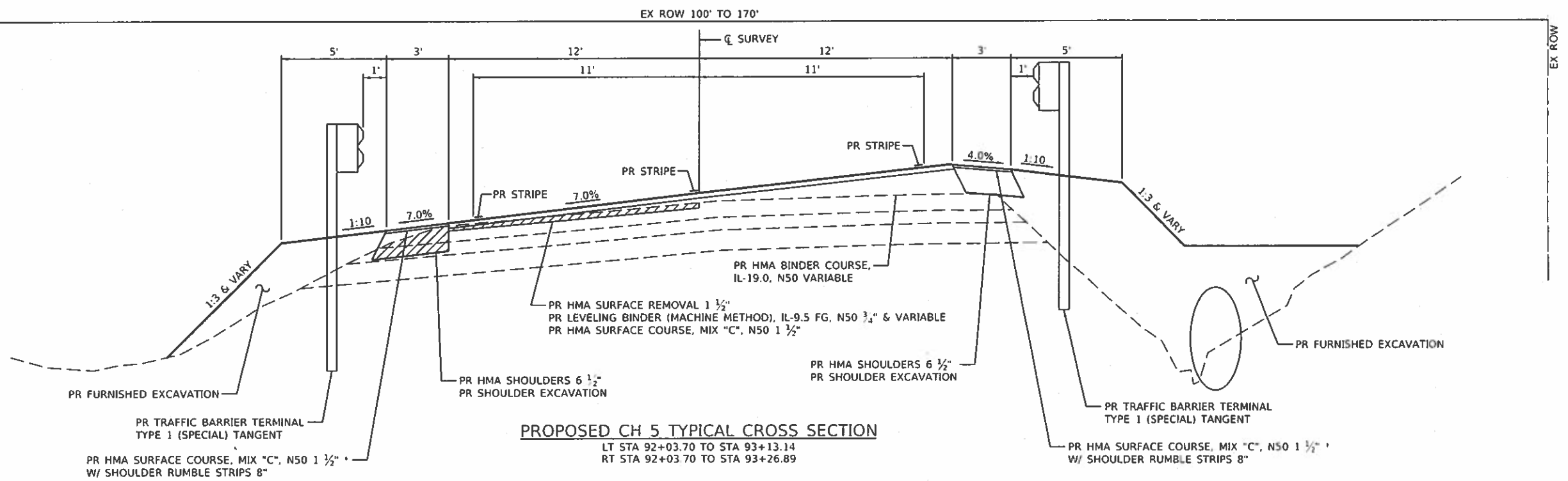
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	4
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

LEVELING BINDER AND BINDER THICKNESS				
STA	LEVELING BINDER		BINDER	
	LT EOP	CL **	CL **	RT EOP
92+00	0.17	0.08	0.00	0.28
93+00	0.06	0.40	0.28	0.87
94+00	0.06	0.34	0.21	0.65
95+00	0.06	0.43	0.30	0.70
96+00	0.06	0.38	0.25	0.64
97+00	0.06	0.41	0.29	0.61
98+00	0.06	0.33	0.21	0.38
99+00	0.06	0.37	0.24	0.60
100+00	0.06	0.36	0.24	0.58
101+00	0.06	0.34	0.22	0.59
102+00	0.06	0.36	0.23	0.58
103+00	0.06	0.32	0.19	0.54
104+00	0.06	0.34	0.22	0.53
105+00	0.06	0.31	0.19	0.52
106+00	0.06	0.33	0.21	0.52
107+00	0.06	0.39	0.27	0.63
108+00	0.06	0.28	0.15	0.43
109+00	0.36	0.12	0.12	0.06
110+00	0.27	0.23	0.26	0.06

* ON MILLED PAVEMENT
** ON EXISTING PAVEMENT OR MILLED PAVEMENT

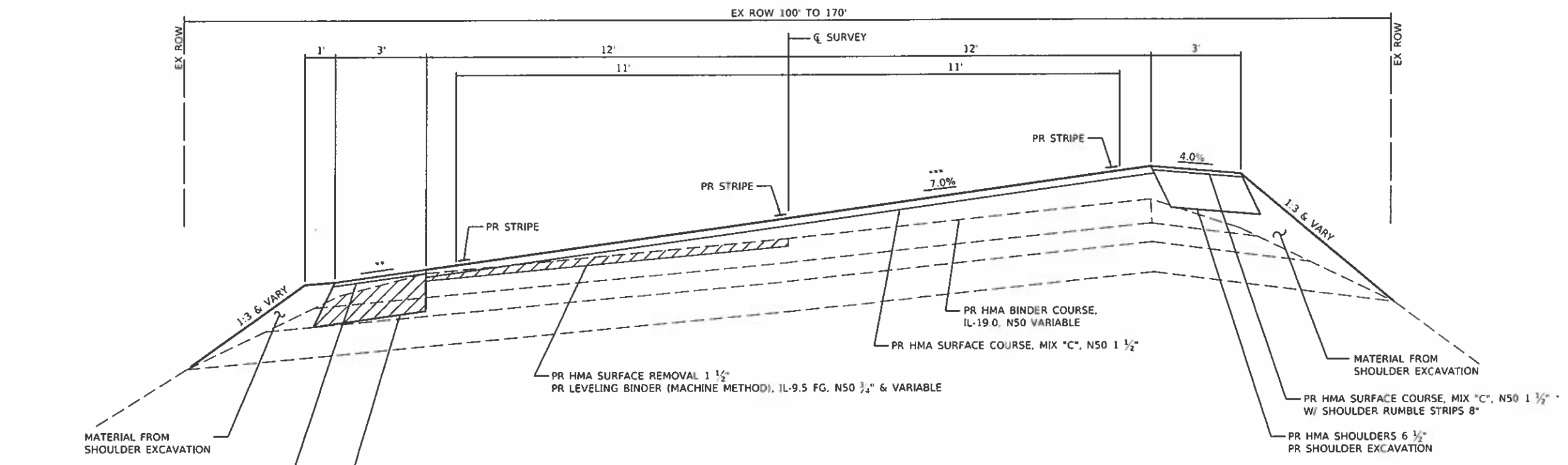


PROPOSED CH 5 TYPICAL CROSS SECTION
 LT STA 91+64.63 TO STA 92+03.70
 RT STA 91+41.00 TO STA 92+03.70



PROPOSED CH 5 TYPICAL CROSS SECTION
 LT STA 92+03.70 TO STA 93+13.14
 RT STA 92+03.70 TO STA 93+26.89

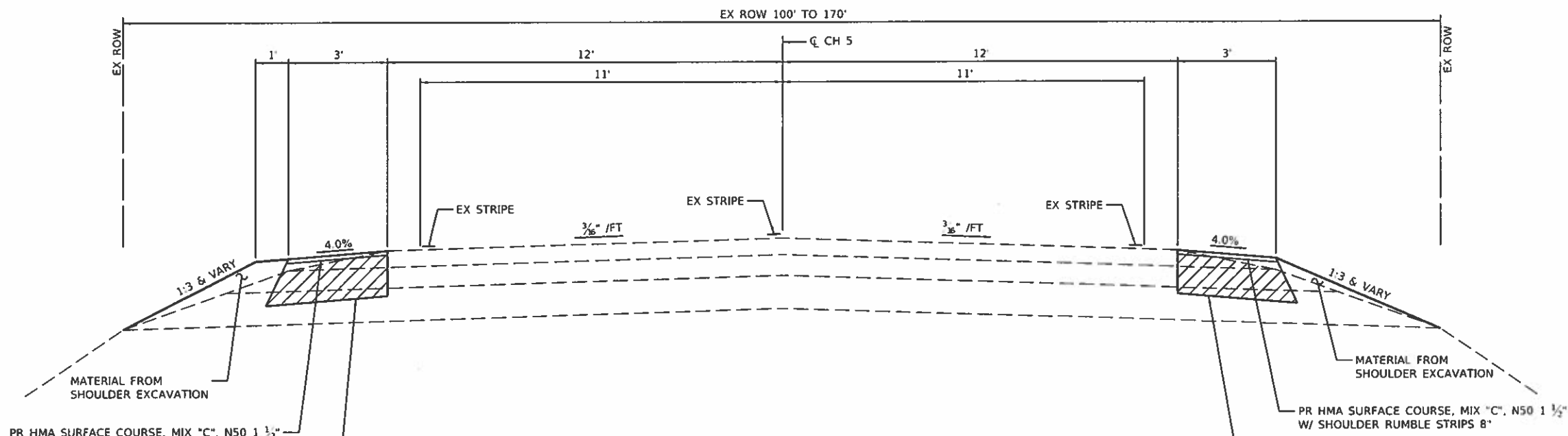
MODIFIED BY: [unclear]
 FILE NAME: K12541.1_Piatt_HSR_CH_5_CADD_Sheets\2541.1-shr-typical.dgn



PROPOSED CH 5 TYPICAL CROSS SECTION

LT STA 93+13.14 TO STA 108+18.75
RT STA 93+26.89 TO STA 108+18.75

* TOP 1 1/2" OF SHOULDER SHALL BE PLACED AT THE SAME TIME AS THE MAINLINE SURFACE LIFT
** SHOULDER SLOPE SHALL BE 4% OR MATCH THE EXISTING PAVEMENT SLOPE, WHICHEVER IS GREATER
*** SEE PLAN SHEETS FOR PROPOSED TRANSITIONS



PROPOSED CH 5 TYPICAL CROSS SECTION

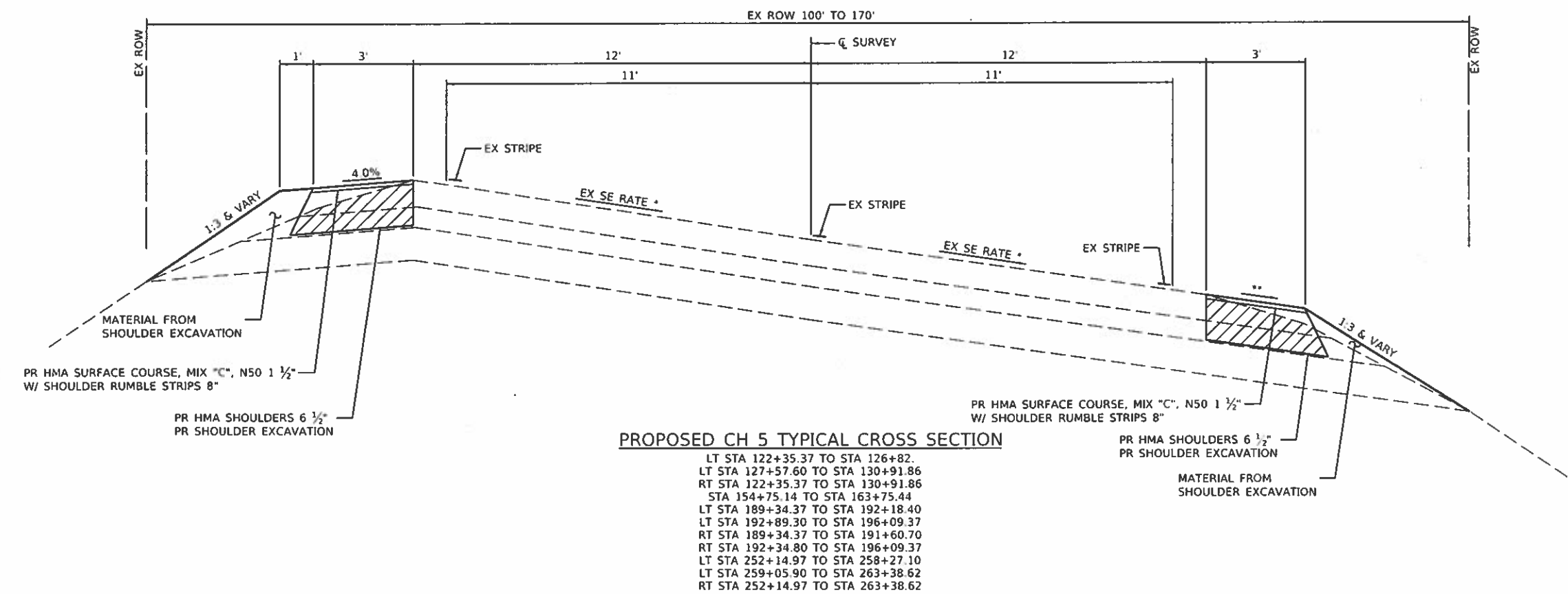
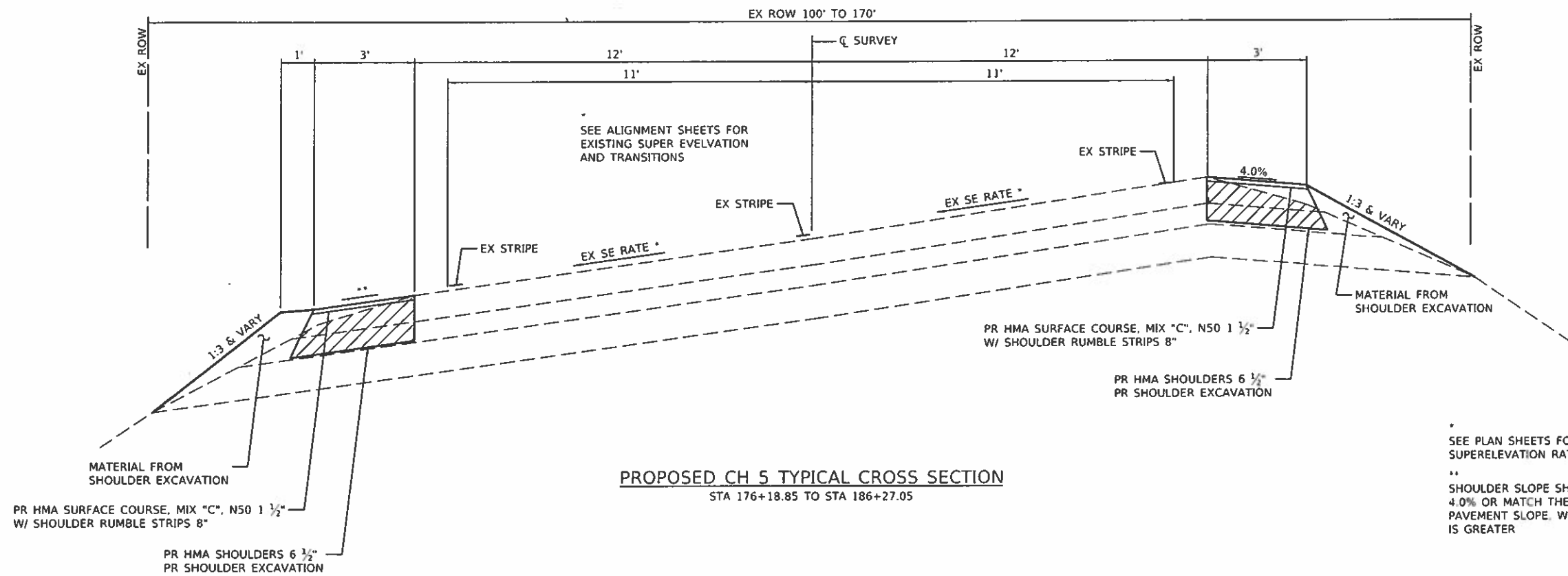
STA 110+58.00 TO STA 122+35.37
STA 130+91.86 TO STA 154+75.14
STA 163+75.44 TO STA 176+18.85
STA 186+27.05 TO STA 189+34.37
STA 196+09.37 TO STA 197+09.40
STA 251+15.00 TO STA 252+14.97
STA 263+38.62 TO STA 264+38.63

MODEL: D:\cadd\19-002220\19-002220-04-SD\CH 5\CH 5 Typical.dgn
 FILE NAME: R132411.Plot 158P CH 5\CH 5 Typical.dgn

JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME = 2541.1-std-typical.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 4.0000" = 1'	CHECKED - NAK	REVISED -
PLOT DATE = 7/31/2018	DATE - 11/20/2017	REVISED -

TYPICAL CROSS SECTIONS	
SCALE	SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-002220-04-SD	PIATT	45	6
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				



MODIFIED: 11/20/2018
 FILE NAME: H2541.1_Plat1_HSP_CH_5CADPDSheets12541.1-plat1typical.dgn

EARTHWORK

LOCATION	SHOULDER EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
CH 5				
LT STA 91+02.52 TO STA 110+58.00	0	125 NOTE 3	305	-180 NOTE 1
RT STA 91+02.52 TO STA 110+58.00	0	25 NOTE 3	395	-370 NOTE 1
RT STA 176+00.00 TO STA 188+00.00	0	80 NOTE 3	185	-105 NOTE 1
ENTRANCES (SEE ENTRANCE SCHEDULE)	0	0	75	-75 NOTE 1
TOTAL	0	230	960	-730
SHOULDER EXCAVATION				
LT STA 110+58.00 TO STA 197+09.00	0	550 NOTE 3	560	-10 NOTE 2
LT STA 251+15.00 TO STA 264+38.63	0	80 NOTE 3	70	10 NOTE 2
RT STA 110+58.00 TO STA 176+00.00	0	370 NOTE 3	375	-5 NOTE 2
RT STA 188+00.00 TO STA 197+09.00	0	50 NOTE 3	35	15 NOTE 2
RT STA 251+15.00 TO STA 264+38.63	0	85 NOTE 3	75	10 NOTE 2
TOTAL	0	1,135	1,115	20
LT STA 91+02.52 TO STA 110+58.00	145	125	0	125
LT STA 110+58.00 TO STA 197+09.00	645	550	0	550
LT STA 251+15.00 TO STA 264+38.63	90	80	0	80
RT STA 91+02.52 TO STA 110+58.00	30	30	0	30
RT STA 110+58.00 TO STA 176+00.00	435	370	0	370
RT STA 176+00.00 TO STA 188+00.00	90	80	0	80
RT STA 188+00.00 TO STA 197+09.00	55	50	0	50
RT STA 251+15.00 TO STA 264+38.63	95	85	0	85
TOTAL	1,585	1,370	0	1,370

NOTE 1: CONSTRUCT WITH FURNISHED EXCAVATION
 NOTE 2: CONSTRUCT WITH SHOULDER EXCAVATION MATERIAL
 NOTE 3: SHOULDER EXCAVATION MATERIAL

EXCESS SHOULDER EXCAVATION SHALL BE WASTED WITHIN THE EXISTING RIGHT OF WAY AS DIRECTED BY THE SHRINKAGE FACTOR = SHOULDER EXCAVATION 15%

20400800 FURNISHED EXCAVATION 730 CU YD
 X006985 SHOULDER EXCAVATION 1,585 CU YD

50104400 CONCRETE HEADWALL REMOVAL

LOCATION	EACH
RT STA 97+42.50	1
TOTAL	1

54213669 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"

LOCATION	EACH
RT STA 97+05.70	1
RT STA 97+42.50	1
TOTAL	2

54248510 CONCRETE COLLAR

LOCATION	CU YD
RT STA 97+05.70	0.38
RT STA 97+42.50	0.38
TOTAL	0.76
USE	0.8

40600290 BITUMINOUS MATERIALS (TACK COAT) (NOTE 1)

LOCATION	APPLICATIONS	POUND
MILLED SURFACE/EX PAVEMENT		
STA 91+02.52 TO STA 110+58.00	1	2,346.58
BETWEEN LIFTS		
STA 91+02.52 TO STA 110+58.00	2	2,346.58
TOTAL		4,693.16
USE		4,694

NOTE 1: SEE ENTRANCE IMPROVEMENT SCHEDULE AND SIDE ROAD SCHEDULE FOR ADDITIONAL QUANTITY

40600627 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50

LOCATION	TON
LT STA 91+02.52 TO STA 110+58.00	342.20
TOTAL	342.20
USE	343

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD
STA 91+02.52 TO STA 91+42.52	106.67
STA 110+18.00 TO STA 110+58.00	106.67
TOTAL	213.34
USE	214

40600990 TEMPORARY RAMP

LOCATION	SQ YD
STA 91+02.52 TO STA 91+07.52	13.33
STA 110+53.00 TO STA 110+58.00	13.33
TOTAL	26.66
USE	27

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

LOCATION	TON
STA 91+02.52 TO STA 110+58.00	547.53
TOTAL	547.53
USE	548

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

LOCATION	SQ YD
LT STA 91+42.52 TO STA 110+18.00	2,500.64
TOTAL	2,500.64
USE	2,501

542D0235 PIPE CULVERTS, CLASS D, TYPE 1 30"

LOCATION	FOOT
RT STA 91+59.30 TO STA 93+51.30	196
TOTAL	196

X5427600 REMOVE AND RELOCATE END SECTIONS

LOCATION	EACH
RT STA 91+59.30	1
TOTAL	1

60219000 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE

LOCATION	EACH
RT STA 91+59.30	1
TOTAL	1

48203023 HOT-MIX ASPHALT SHOULDERS, 6 1/2"

LOCATION	SQ YD
LT STA 91+02.52 TO STA 126+82.00	1,193.16
LT STA 127+57.60 TO STA 192+18.40	2,153.60
LT STA 192+89.30 TO STA 197+09.40	140.03
LT STA 251+15.00 TO STA 258+27.10	237.37
LT STA 259+05.90 TO STA 264+38.63	177.58
RT STA 91+02.52 TO STA 191+60.70	3,352.73
RT STA 192+34.80 TO STA 197+09.40	158.20
RT STA 251+15.00 TO STA 264+38.63	441.21
TOTAL	7,853.88
USE	7,854

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

LOCATION	FOOT
LT STA 91+02.52 TO STA 126+82.00	3,579.48
LT STA 127+57.60 TO STA 192+18.40	6,460.80
LT STA 192+89.30 TO STA 197+09.40	420.10
LT STA 251+15.00 TO STA 258+27.10	712.10
LT STA 259+05.90 TO STA 264+38.63	532.73
RT STA 91+02.52 TO STA 191+60.70	10,058.18
RT STA 192+34.80 TO STA 197+09.40	474.60
RT STA 251+15.00 TO STA 264+38.63	1,323.63
TOTAL	23,561.62
USE	23,562

40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

LOCATION	TON
STA 91+02.52 TO STA 110+58.00	627.69
TOTAL	627.69
USE	628

28000250 TEMPORARY EROSION CONTROL SEEDING

LOCATION	POUND
LT STA 91+60.00 TO STA 93+13.00	4
RT STA 91+36.00 TO STA 93+00.00	6
TOTAL	10

28000400 PERIMETER EROSION BARRIER

LOCATION	FOOT
LT STA 91+60.00 TO STA 93+13.00	153.00
TOTAL	153.00
USE	153

28000500 INLET AND PIPE PROTECTION

LOCATION	EACH
RT STA 91+59.00	1
TOTAL	1

X2501000 SEEDING, CLASS 2 (SPECIAL)

LOCATION	ACRE
LT STA 91+60.00 TO STA 93+13.00	0.04
RT STA 91+36.00 TO STA 93+00.00	0.06
TOTAL	0.10
USE	0.25

MOORE, D...
FILE NAME: H:\25411...
C:\CADD\SS\Sheet\25411...
C:\CADD\SS\Sheet\25411...
C:\CADD\SS\Sheet\25411...



JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME = 2541.1-ht-schedules.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED - NAK	REVISED -
PLOT DATE = 7/3/2018	DATE - 11/20/2017	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	8
CONTRACT NO. 91580				
ILLINOIS FED AID PROJECT				

ENTRANCE IMPROVEMENTS

LOCATION					20400800	35101400	40200800	40600982	40600290	40800050
					FURNISHED EXCAVATION	AGGREGATE BASE COURSE, TYPE B	AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (TACK COAT) (NOTE 1)	INCIDENTAL HOT-MIX ASPHALT SURFACING (NOTE 2)
STATION	TYPE	WIDTH	LENGTH		CU YD	TON	TON	SQ YD	POUND	TON
LT STA 91+40.00	EARTH FE	24	10		1.00					
LT STA 100+31.00	EARTH FE	14	10		2.00					
LT STA 110+93.00	AGG FE	16	10				3.40			
LT STA 124+50.00	EARTH FE	16	20		4.00					
LT STA 152+14.00	HMA PE/MB	16	10			2.46		28.84	12.98	2.42
LT STA 161+38.00	AGG FE	18	10				2.91			
LT STA 162+42.00	EARTH FE	24	10		2.00					
LT STA 164+82.00	EARTH FE	17	10		2.00					
LT STA 167+10.00	HMA PE/MB	17	25			2.03	2.77	23.82	10.72	3.33
LT STA 171+89.00	EARTH FE	16	10		3.00					
LT STA 182+16.00	HMA PE/MB	24	10			3.08		36.10	16.25	3.03
LT STA 187+02.00	EARTH FE	17	10		2.00					
LT STA 262+00.00	EARTH FE	17	10		3.00					
RT STA 91+24.00	HMA PE/MB	24	10			1.32		15.50	6.98	1.30
RT STA 100+41.00	EARTH FE	16	33		12.00					
RT STA 109+42.00	HMA PE	20	10			2.69		31.44	14.15	2.64
RT STA 117+78.00	EARTH FE	24	22		11.00					
RT STA 124+58.00	AGG FE	24	7				1.28			
RT STA 139+01.00	EARTH FE	16	10		2.00					
RT STA 152+21.00	EARTH FE	16	10		2.00					
RT STA 166+49.00	EARTH FE	22	10		2.00					
RT STA 169+11.00	EARTH FE	24	34		17.00					
RT STA 181+33.00	EARTH FE	16	12		3.00					
RT STA 254+05.00	AGG PE/MB	24	7			2.89		33.80	15.21	2.84
RT STA 260+05.00	EARTH FE	16	28		5.00					
TOTAL					73.00	14.47	10.36	169.50	76.29	15.56
USE					75	15	11	170	77	16

ENTRANCE IMPROVEMENTS SHALL UTILIZE THE EXISTING BASE. QUANTITIES FOR AGGREGATE BASE COURSE TYPE B HAVE BEEN INCLUDED TO WIDEN THE EXISTING BASE AS DIRECTED BY THE ENGINEER.

NOTE 1: SEE BITUMINOUS MATERIALS (TACK COAT) SCHEDULE AND SIDE ROAD IMPROVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

NOTE 2: SEE SIDE ROAD IMPROVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

SIDE ROAD IMPROVEMENTS

LOCATION				40600982	40600290	40800050
				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (TACK COAT) (NOTE 3)	INCIDENTAL HOT-MIX ASPHALT SURFACING (NOTE 4)
STATION	WIDTH	LENGTH		SQ YD	POUND	TON
RT STA 97+25.00	19	38		11.23	20.57	10.11
TOTAL				11.23	20.57	10.11
USE				12	21	11

NOTE 3: SEE BITUMINOUS MATERIALS (TACK COAT) SCHEDULE AND ENTRANCE IMPROVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

NOTE 4: SEE ENTRANCE IMPROVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

70300100 SHORT TERM PAVEMENT MARKING

LOCATION	APPLICATIONS	FOOT
STA 92+02.52 TO STA 110+58.00	4	752
TOTAL		752

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

LOCATION	SQ FT
STA 92+02.52 TO STA 110+58.00	50.13
TOTAL	50.13
USE	50

78001110 PAINT PAVEMENT MARKING - LINE 4"

LOCATION	WHITE	YELLOW	TOTAL
	FOOT	FOOT	FOOT
SOLID WHITE EDGE LINE			
LT STA 91+06.62 TO STA 110+58.00	1,951.38		1,951.38
RT STA 90+98.43 TO STA 96+83.34	584.91		584.91
RT STA 97+54.19 TO STA 110+58.00	1,303.81		1,303.81
SOLID YELLOW CENTERLINE			
LT STA 91+02.52 TO STA 108+00.00		1,697.48	1,697.48
RT STA 93+85.00 TO STA 110+58.00		1,673.00	1,673.00
YELLOW SKIP DASH			
LT STA 108+00.00 TO STA 110+58.00		70.00	70.00
RT STA 92+02.52 TO STA 93+85.00		50.00	50.00
TOTAL	3,840.10	3,490.48	7,330.58
USE	3,840	3,491	7,331

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LOCATION	EACH
LT STA 91+75.45 TO STA 92+76.58	2
RT STA 91+71.15 TO STA 92+70.15	2
TOTAL	4

72501000 TERMINAL MARKER - DIRECT APPLIED

LOCATION	EACH
LT STA 91+75.45 TO STA 92+76.58	2
RT STA 91+71.15 TO STA 92+70.15	2
TOTAL	4

MODEL, SHEET NAME, FILE NAME, XREFS



JOB # 2541.1
 FILE NAME = SFILES
 PLOT SCALE = SCALES
 PLOT DATE = SDATES

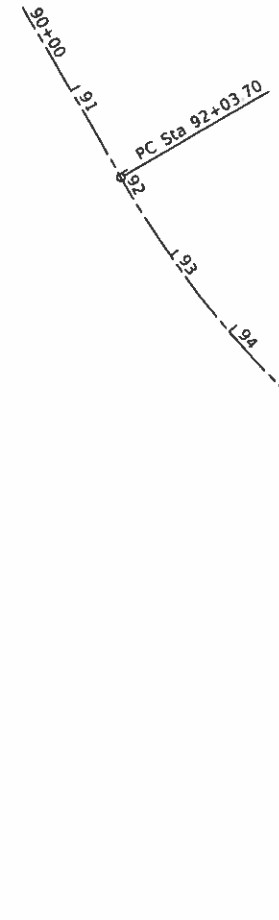
DESIGNED - NAK
 DRAWN - SJS
 CHECKED - NAK
 DATE - 11/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

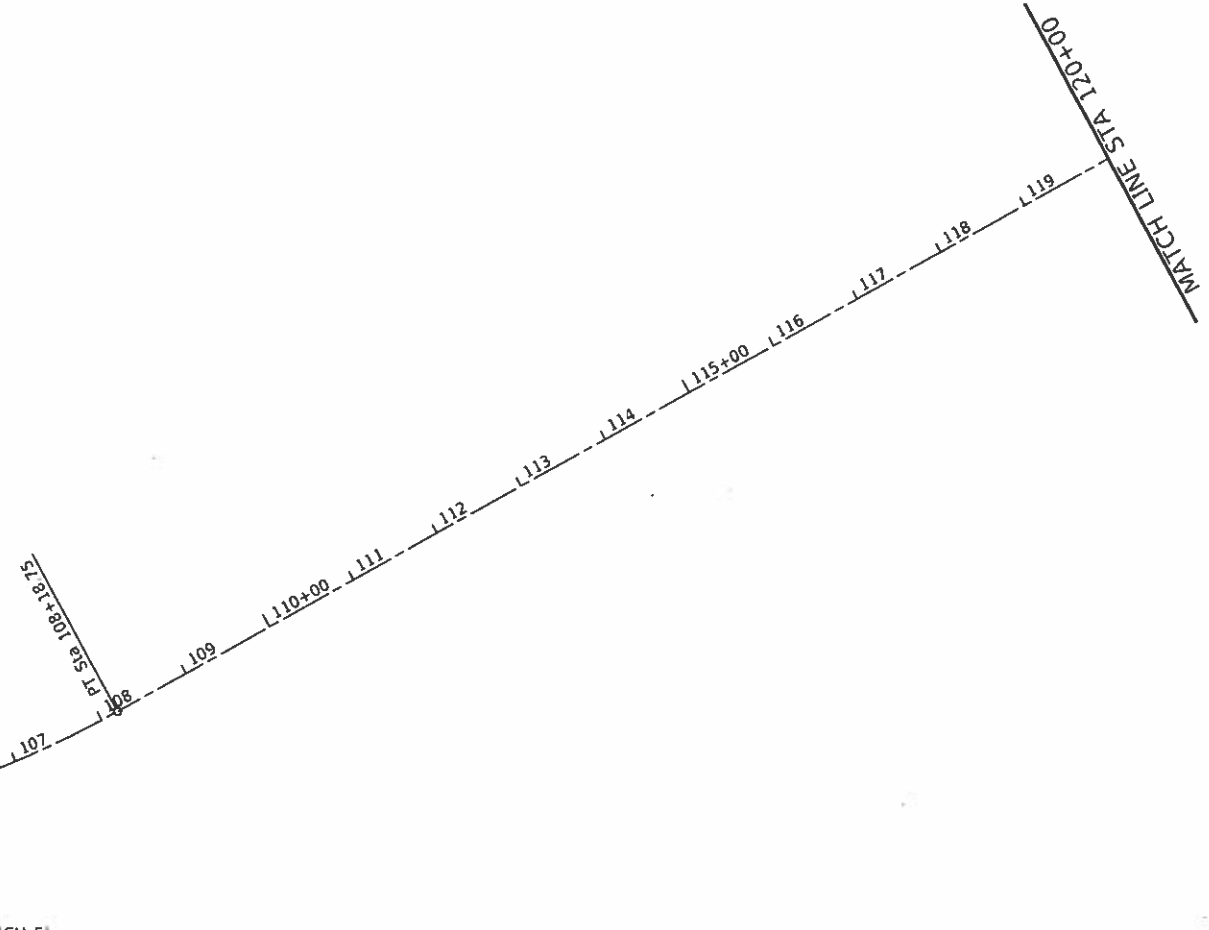
PIATT COUNTY
 CH 5 IMPROVEMENTS

SCHEDULES OF QUANTITIES
 SCALE: SHEET OF SHEETS STA. TO STA.

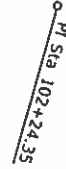
F.A.S. RTE 538 SECTION 19-00220-04-SD COUNTY PIATT TOTAL SHEETS 45 SHEET NO. 9 CONTRACT NO. 91580 ILLINOIS FED. AID PROJECT



EXIST. CURVE RSICRV
 PI STA. = 102+24.35
 $\Delta = 88^\circ 49' 41''$ (LT)
 $D = 5^\circ 30' 00''$
 $R = 1,041.74'$
 $T = 1,020.65'$
 $L = 1,615.05'$
 $E = 416.66'$
 $e = 7.0\%$
 $T.R. = 33'$
 $S.E. RUN = 154'$
 $P.C. STA. = 92+03.70$
 $P.T. STA. = 108+18.75$
 ATTAIN SE: STA 91+02.70 TO STA 92+89.70
 REMOVE SE: STA 107+71.00 TO STA 109+58.00



☐ SURVEY FAS ROUTE 538 (CH 5)



- BM#1- CUT "☐" ON S.W. WINGWALL
15.5' RT STA 90+97.16
ELEV. 683.59
- BM#2- CUT "☐" ON CONCRETE WINGWALL
49.35' RT STA 97+42.30
ELEV. 694.52
- BM#3- MAG NAIL SPIKE IN POWER POLE
40.87' RT STA 103+92.78
ELEV. 699.65
- BM#4- MAG NAIL IN TOP 15" Ø CMP
24.63' RT STA 109+27.94
ELEV. 701.11
- BM#5- MAG NAIL IN TOP 15" Ø CMP
39.81' RT STA 117+49.01
ELEV. 694.83

☐ SURVEY LINE CH 5			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T	50+00.00	1252389.62	897004.83
P.C.	92+03.70	1248185.94	896989.77
P.I.	102+24.35	1247165.30	896986.12
P.T.	108+18.75	1247140.78	898006.47

MODEL: D:\wall
 FILE NAME: H:\2541\1 Part 105P CH 5\CAD\105P\105P.dwg

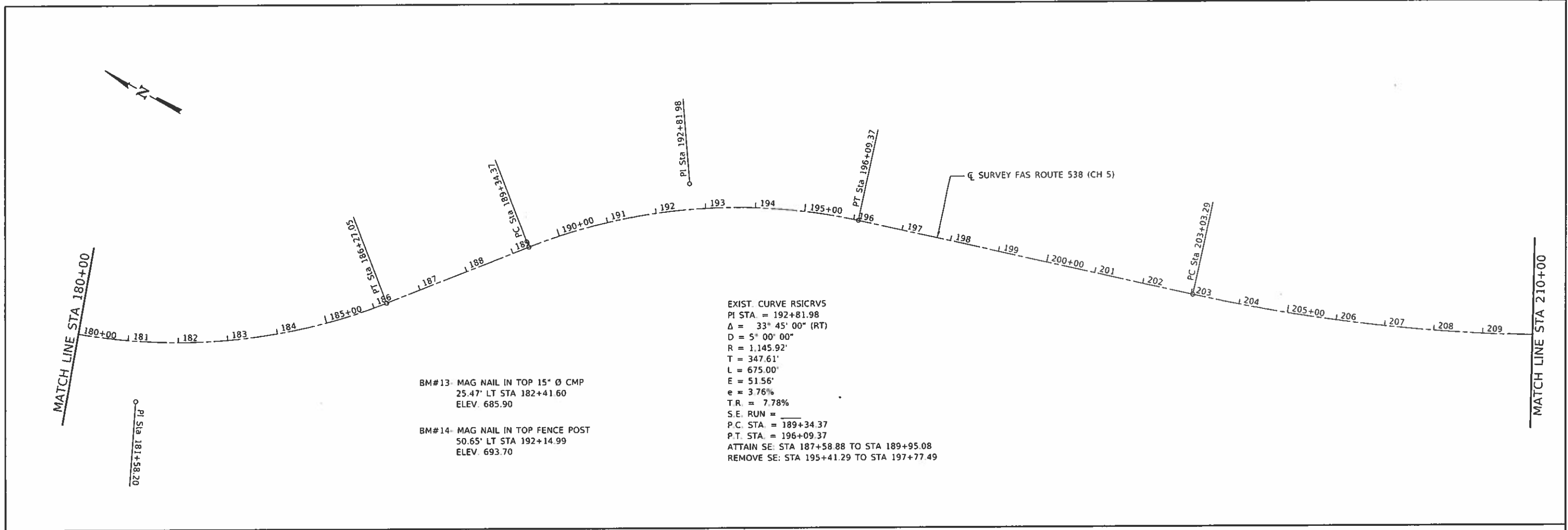


JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME # 2541.1a.dwg	DRAWN - SJS	REVISED -
PLOT SCALE = 200.0000 / 1 in.	CHECKED - NAK	REVISED -
PLOT DATE = 7/31/2018	DATE - 11/20/2017	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

ALIGNMENT AND BENCH MARKS			
SCALE	SHEET	OF SHEETS	STA. TO STA.

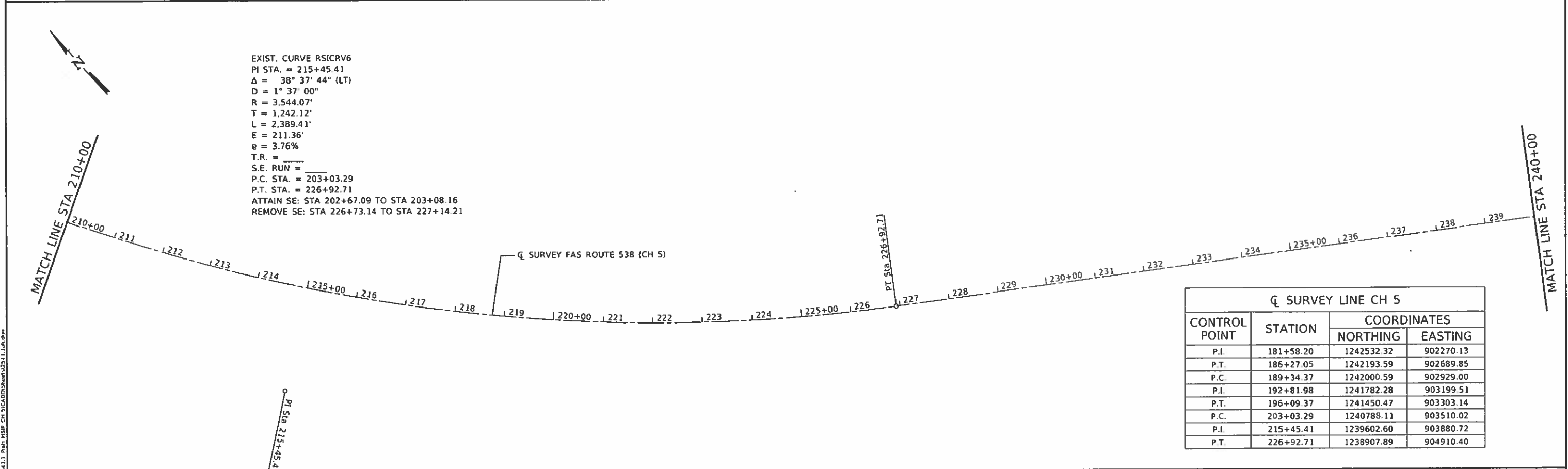
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	10
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE RSICRV5
 PI STA = 192+81.98
 $\Delta = 33^\circ 45' 00''$ (RT)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 347.61'$
 $L = 675.00'$
 $E = 51.56'$
 $e = 3.76\%$
 $T.R. = 7.78\%$
 $S.E. RUN =$
 $P.C. STA = 189+34.37$
 $P.T. STA = 196+09.37$
 ATTAIN SE: STA 187+58.88 TO STA 189+95.08
 REMOVE SE: STA 195+41.29 TO STA 197+77.49

BM#13- MAG NAIL IN TOP 15" Ø CMP
 25.47' LT STA 182+41.60
 ELEV. 685.90

BM#14- MAG NAIL IN TOP FENCE POST
 50.65' LT STA 192+14.99
 ELEV. 693.70

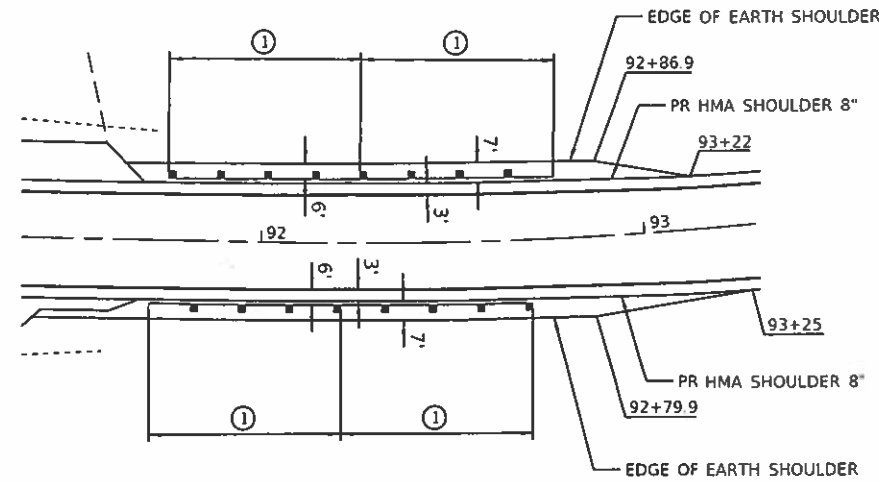


EXIST. CURVE RSICRV6
 PI STA = 215+45.41
 $\Delta = 38^\circ 37' 44''$ (LT)
 $D = 1^\circ 37' 00''$
 $R = 3,544.07'$
 $T = 1,242.12'$
 $L = 2,389.41'$
 $E = 211.36'$
 $e = 3.76\%$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA = 203+03.29$
 $P.T. STA = 226+92.71$
 ATTAIN SE: STA 202+67.09 TO STA 203+08.16
 REMOVE SE: STA 226+73.14 TO STA 227+14.21

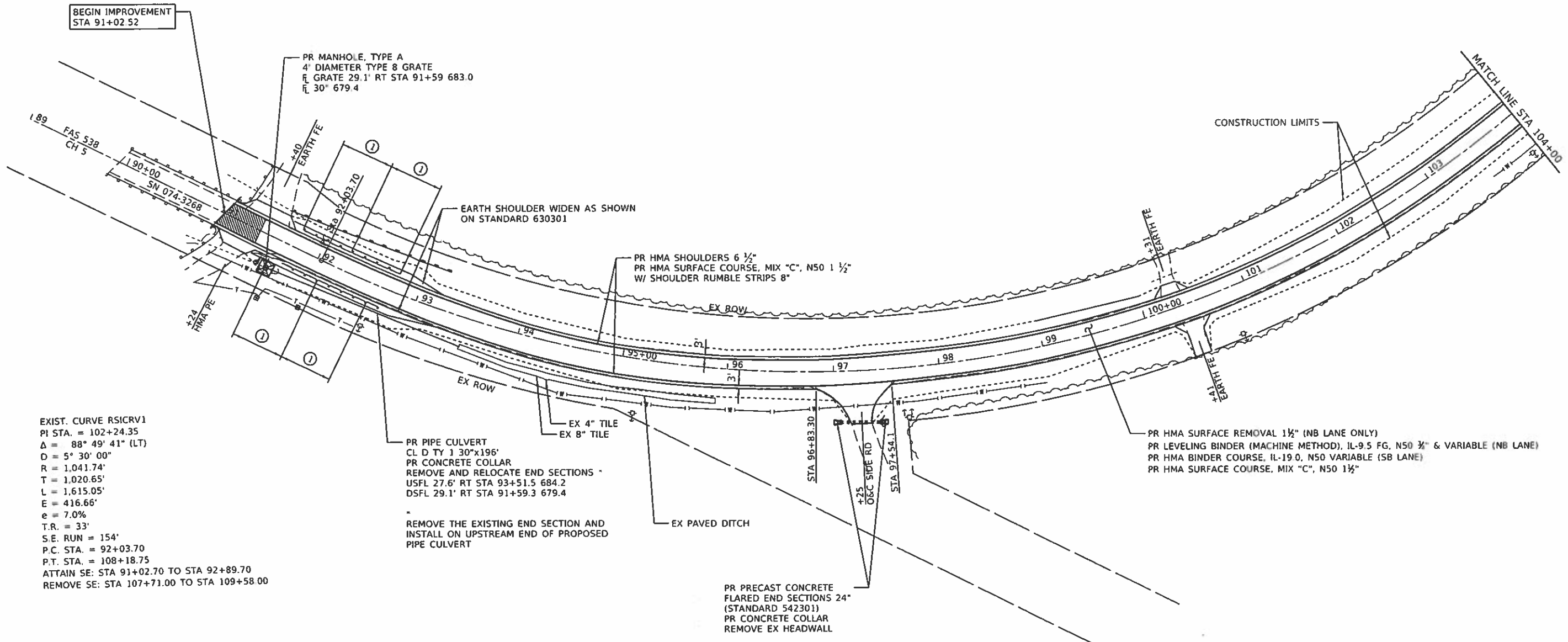
SURVEY LINE CH 5			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.I.	181+58.20	1242532.32	902270.13
P.T.	186+27.05	1242193.59	902689.85
P.C.	189+34.37	1242000.59	902929.00
P.I.	192+81.98	1241782.28	903199.51
P.T.	196+09.37	1241450.47	903303.14
P.C.	203+03.29	1240788.11	903510.02
P.I.	215+45.41	1239602.60	903880.72
P.T.	226+92.71	1238907.89	904910.40

LEGEND

- ① PR TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT
- ☒ PR INLET AND PIPE PROTECTION
- PR PERIMETER EROSION BARRIER
- ▨ HMA SURFACE REMOVAL-BUTT JOINT



GUARDRAIL & SHOULDER WIDENING DETAIL



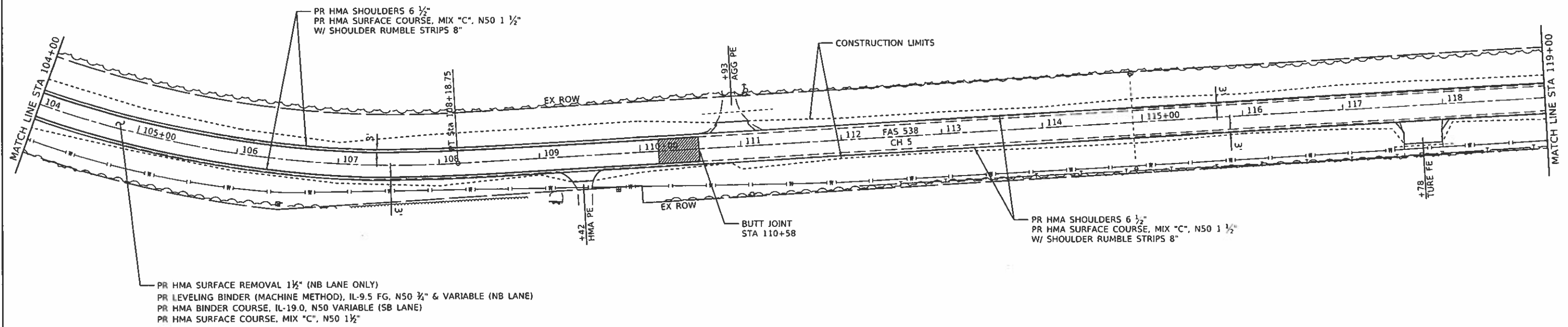
EXIST. CURVE RSICRV1
 PI STA. = 102+24.35
 Δ = 88° 49' 41" (LT)
 D = 5° 30' 00"
 R = 1,041.74'
 T = 1,020.65'
 L = 1,615.05'
 E = 416.66'
 e = 7.0%
 T.R. = 33'
 S.E. RUN = 154'
 P.C. STA. = 92+03.70
 P.T. STA. = 108+18.75
 ATTAIN SE: STA 91+02.70 TO STA 92+89.70
 REMOVE SE: STA 107+71.00 TO STA 109+58.00

PR PIPE CULVERT
 CL D TY 1 30"x196"
 PR CONCRETE COLLAR
 REMOVE AND RELOCATE END SECTIONS
 USFL 27.6' RT STA 93+51.5 684.2
 DSFL 29.1' RT STA 91+59.3 679.4

REMOVE THE EXISTING END SECTION AND
 INSTALL ON UPSTREAM END OF PROPOSED
 PIPE CULVERT

PR PRECAST CONCRETE
 FLARED END SECTIONS 24"
 (STANDARD 542301)
 PR CONCRETE COLLAR
 REMOVE EX HEADWALL

PR HMA SURFACE REMOVAL 1 1/2" (NB LANE ONLY)
 PR LEVELING BINDER (MACHINE METHOD), IL-9.5 FG, N50 3/4" & VARIABLE (NB LANE)
 PR HMA BINDER COURSE, IL-19.0, N50 VARIABLE (SB LANE)
 PR HMA SURFACE COURSE, MIX "C", N50 1 1/2"



PR HMA SURFACE REMOVAL 1 1/2" (NB LANE ONLY)
 PR LEVELING BINDER (MACHINE METHOD), IL-9.5 FG, N50 3/4" & VARIABLE (NB LANE)
 PR HMA BINDER COURSE, IL-19.0, N50 VARIABLE (SB LANE)
 PR HMA SURFACE COURSE, MIX "C", N50 1 1/2"

PR HMA SHOULDERS 6 1/2"
 PR HMA SURFACE COURSE, MIX "C", N50 1 1/2"
 W/ SHOULDER RUMBLE STRIPS 8"

PR HMA SHOULDERS 6 1/2"
 PR HMA SURFACE COURSE, MIX "C", N50 1 1/2"
 W/ SHOULDER RUMBLE STRIPS 8"

MODIFY: [unclear]
 FILE NAME: H:\2541\1\1911.MSP CH 5\CADD\Sheet\2541_1\plan.dwg

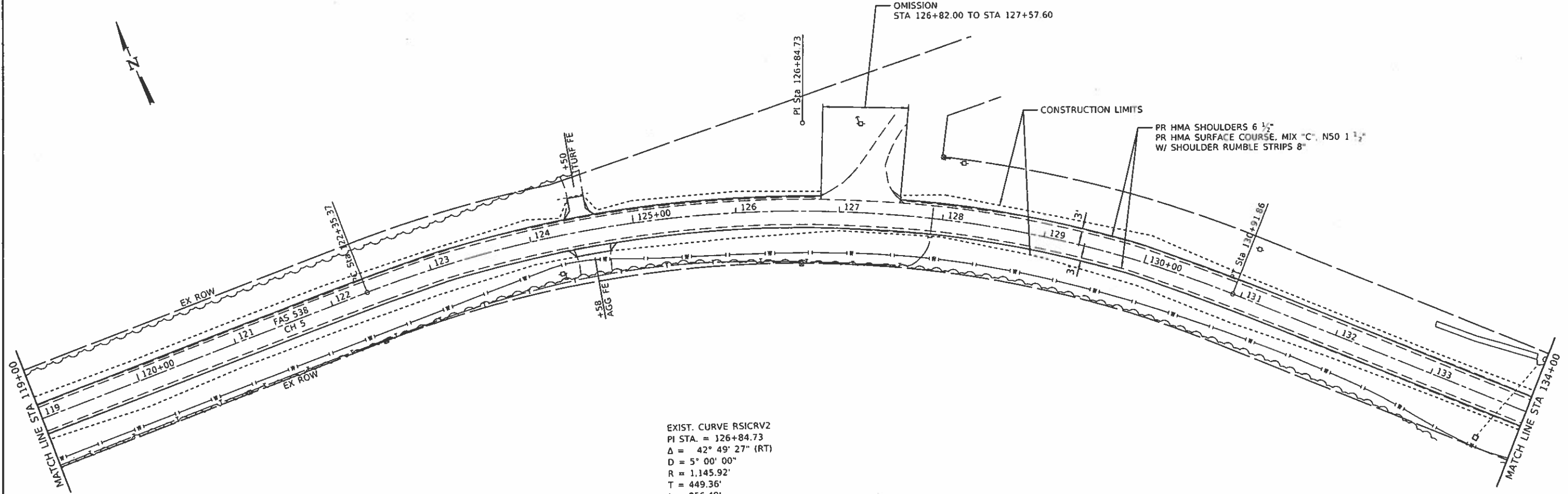


JOB = 2541.1	DESIGNED - NAK	REVISED -
FILE NAME = 2541_1plan.dwg	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000 1"=100'	CHECKED - NAK	REVISED -
PLOT DATE = 7/31/2018	DATE - 11/20/2017	REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	16
CONTRACT NO. 91580				
ILLINOIS FED AID PROJECT				



EXIST. CURVE RSICRV2
 PI STA. = 126+84.73
 $\Delta = 42^\circ 49' 27''$ (RT)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 449.36'$
 $L = 856.49'$
 $E = 84.96'$
 $e = 7.77\%$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 122+35.37$
 $P.T. STA. = 130+91.86$
 ATTAIN SE: STA 120+65.38 TO STA 123+01.36
 REMOVE SE: STA 130+29.94 TO STA 132+65.92

MODEL: Default
 FILE NAME: c:\32541\1\Platt_HSP_C4_SICAD01\Sheet32541_1.plt.dwg

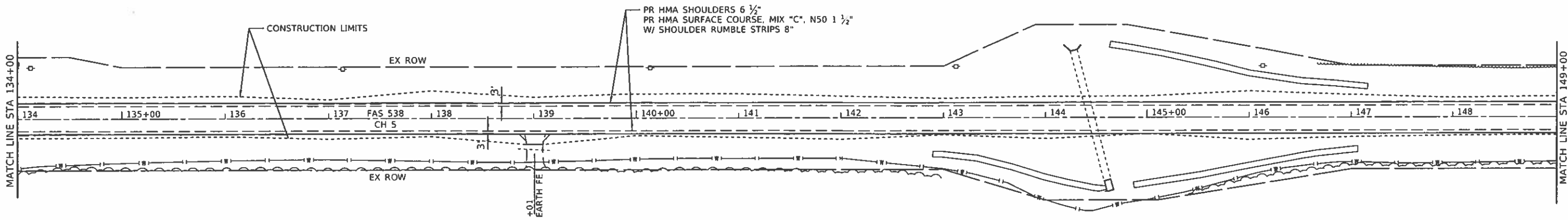
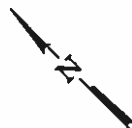


JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME # 2541.1.plt.dwg	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000 / 1 in.	CHECKED - NAK	REVISED -
PLOT DATE = 7/31/2018	DATE - 11/20/2017	REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

SCALE		SHEET		OF	SHEETS		STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	17
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				



M0071 - D:\ch5.dwg
 FILE NAME: I:\2541_1_Plat USP CH 5\CADD\Sheet\2541_1plan.dwg

CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB # 2541.1
 FILE NAME = 2541_1plan.dwg
 PLOT SCALE = 100.0000 / 1 in
 PLOT DATE = 7/31/2018

DESIGNED - NAK
 DRAWN - SJS
 CHECKED - NAK
 DATE - 11/20/2017

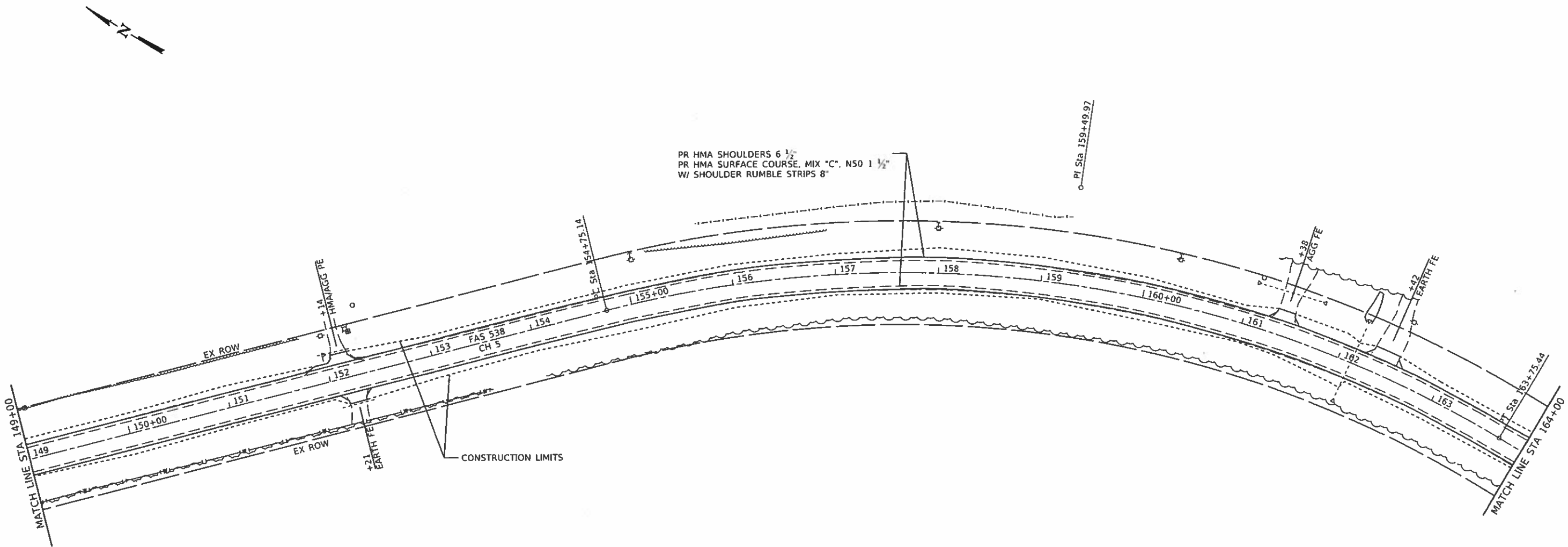
REVISED -
 REVISED -
 REVISED -
 REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

SCALE: SHEET OF SHEETS STA. TO STA.

PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	18
CONTRACT NO. 91580				
ILLINOIS FED AID PROJECT				



MODEL: D:\dwg\...
 FILE NAME: H:\2541_1_Platt_HSP_C4_516\CDP\Sheets\2541_Platt.dgn



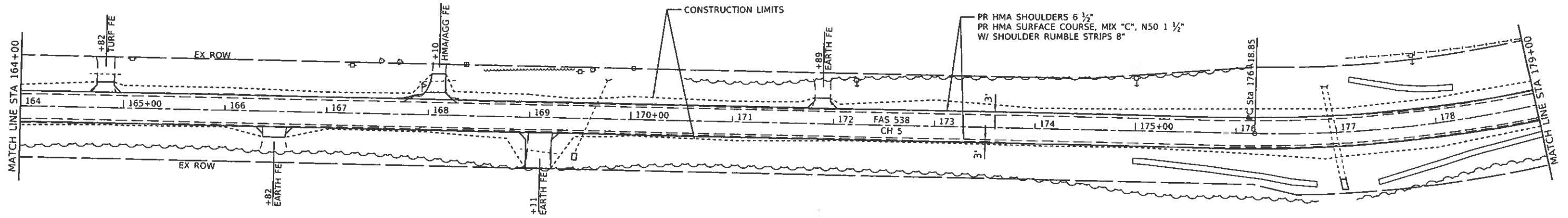
JOB #	2541.1
FILE NAME	2541.1.plott.dgn
PLOT SCALE	100.0000 / in.
PLOT DATE	7/31/2018

DESIGNED	-	NAK	REVISED	-
DRAWN	-	SJS	REVISED	-
CHECKED	-	NAK	REVISED	-
DATE	-	11/20/2017	REVISED	-

**PIATT COUNTY
CH 5 IMPROVEMENTS**

PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	19
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				



MODEL: 0412141
 FILE NAME: H:\25411\1\Piatt_HSP_CH_5\CADD\Sheet\25411_Piatt.dgn



JOB #	2541.1
FILE NAME	2541.1plan.dgn
PLOT SCALE	100.0000' / in.
PLOT DATE	7/31/2018

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	11/20/2017	REVISED -	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

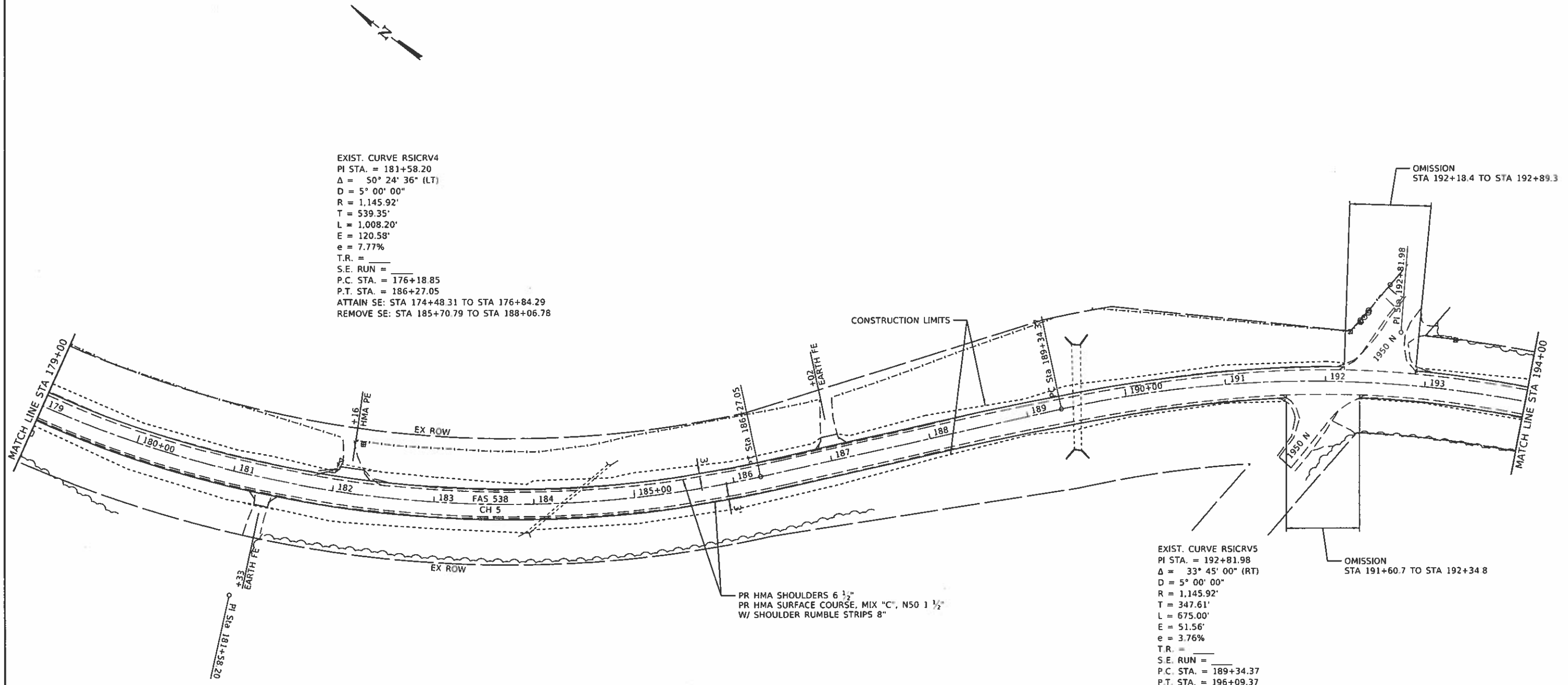
PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	20
CONTRACT NO. 91580				
ILLINOIS FED AID PROJECT				

EXIST. CURVE RSICRV4
 PI STA. = 181+58.20
 $\Delta = 50^{\circ} 24' 36''$ (LT)
 $D = 5^{\circ} 00' 00''$
 $R = 1,145.92'$
 $T = 539.35'$
 $L = 1,008.20'$
 $E = 120.58'$
 $e = 7.77\%$
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 176+18.85
 P.T. STA. = 186+27.05
 ATTAIN SE: STA 174+48.31 TO STA 176+84.29
 REMOVE SE: STA 185+70.79 TO STA 188+06.78

EXIST. CURVE RSICRV5
 PI STA. = 192+81.98
 $\Delta = 33^{\circ} 45' 00''$ (RT)
 $D = 5^{\circ} 00' 00''$
 $R = 1,145.92'$
 $T = 347.61'$
 $L = 675.00'$
 $E = 51.56'$
 $e = 3.76\%$
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 189+34.37
 P.T. STA. = 196+09.37
 ATTAIN SE: STA 187+58.88 TO STA 189+95.08
 REMOVE SE: STA 195+41.29 TO STA 197+77.49



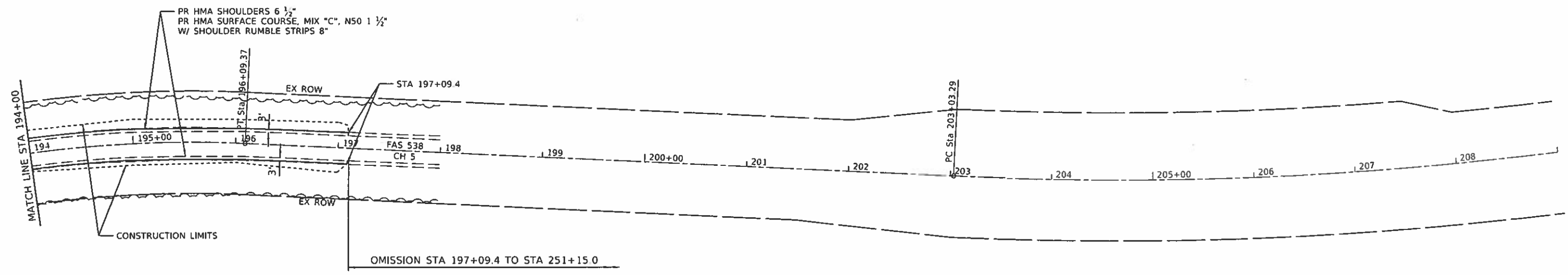
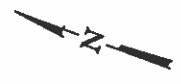
JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME = 2541.1plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000 1/8"	CHECKED - NAK	REVISED -
PLOT DATE = 7/31/2018	DATE - 11/20/2017	REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	21
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: H2341.1 Part: HSP CH 5ICADSDSHEET03541.1plan.dgn



OMISSION STA 197+09.4 TO STA 251+15.0

MODEL: D:\dwg\19-00220\19-00220.dwg
 FILE NAME: 19-00220-04-SD.dwg
 PLOT DATE: 7/31/2018

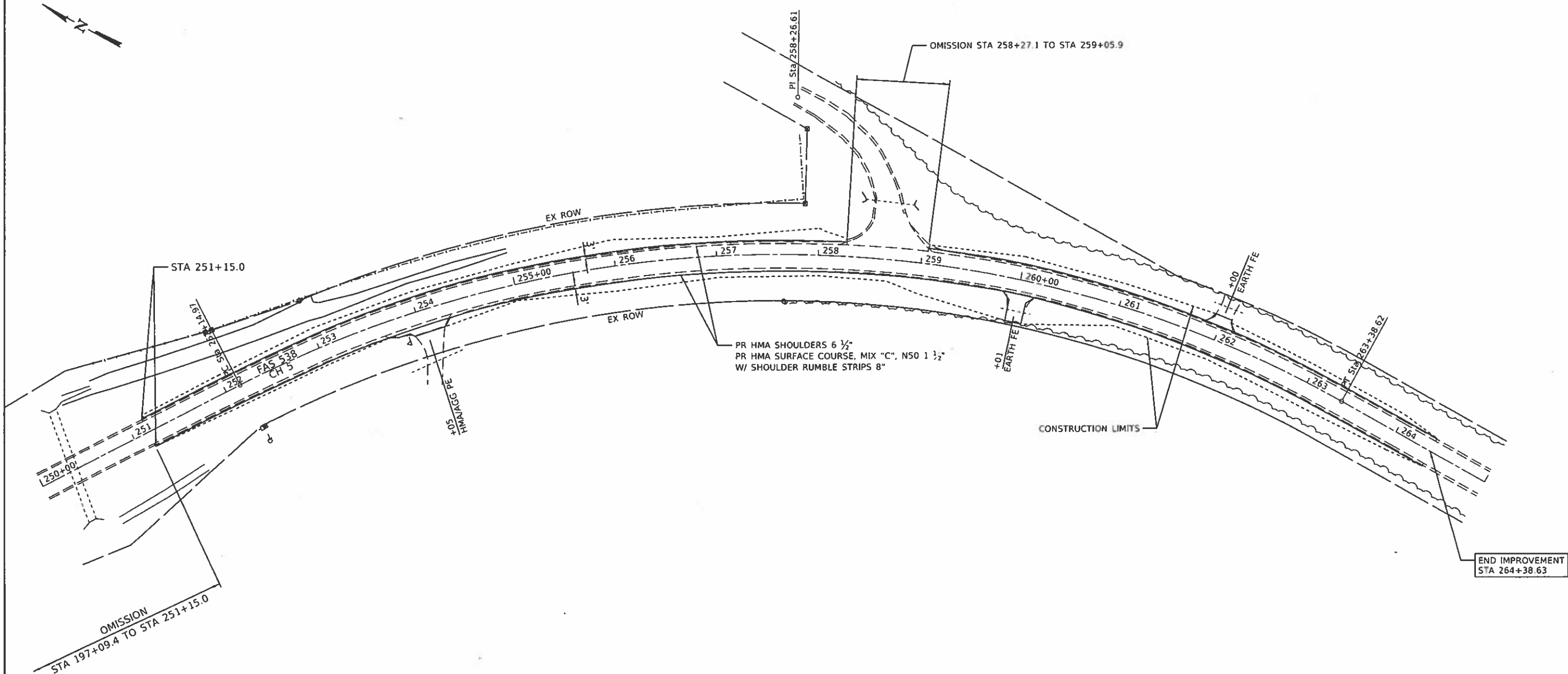


JOB #	2541.1	DESIGNED -	NAK	REVISED -	
FILE NAME	2541.1plan.dgn	DRAWN -	SJS	REVISED -	
PLOT SCALE	100.0000 / 1 in	CHECKED -	NAK	REVISED -	
PLOT DATE	7/31/2018	DATE	11/20/2017	REVISED -	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

PLAN				
SCALE	SHEET	OF	SHEETS	STA. TO STA.

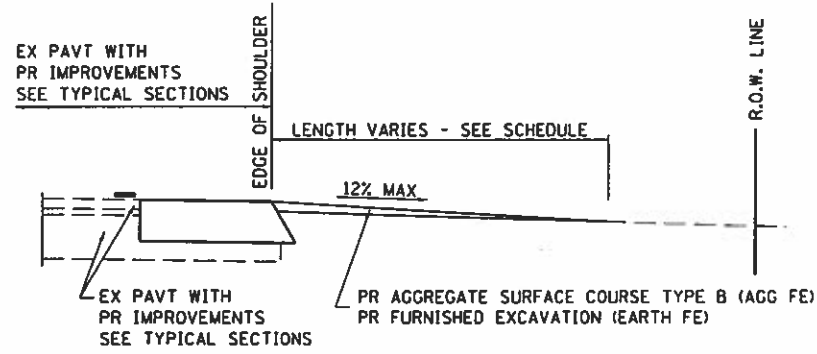
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	22
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				



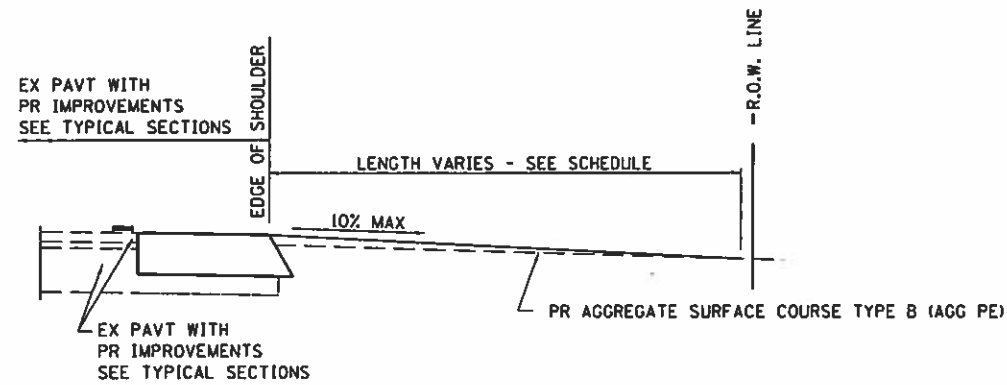
EXIST. CURVE RSICRV7
 PI STA. = 258+26.61
 $\Delta = 56^\circ 10' 57''$ (RT)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 611.64'$
 $L = 1,123.66'$
 $E = 153.02'$
 $e = 7.79\%$
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 252+14.97
 P.T. STA. = 263+38.62
 ATTAIN SE: STA 250+44.92 TO STA 252+81.27
 REMOVE SE: STA 262+71.33 TO STA 265+07.68

MODIFIED: Delbert
 FILE NAME: H:\2541_1\PIATT MSP CH 5\19-00220-04-SD\19-00220-04-SD-1.dwg

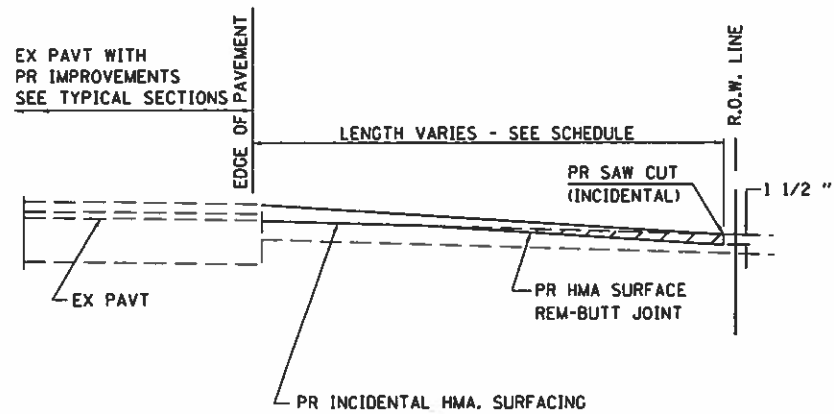
**PIATT COUNTY
 CH 5 IMPROVEMENTS**



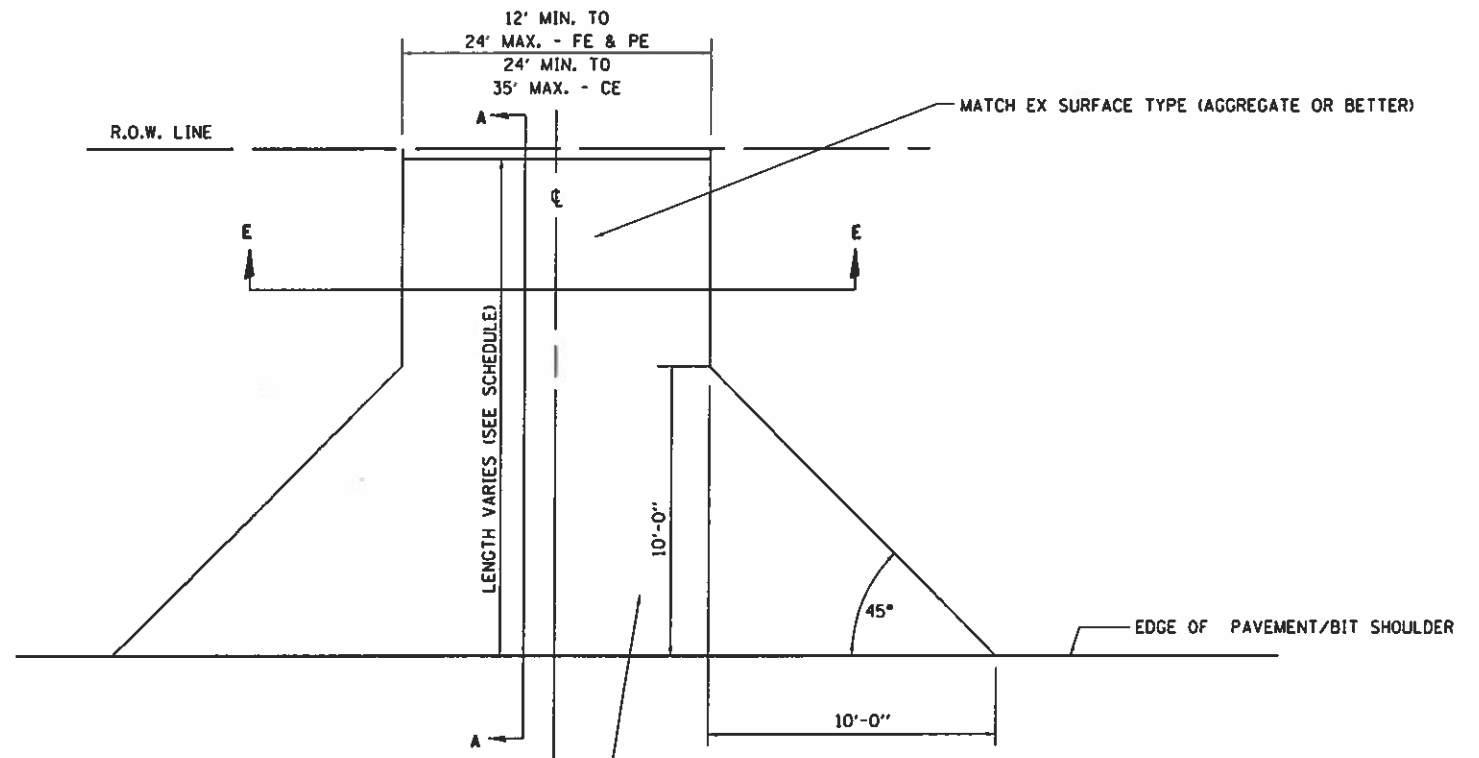
SECTION A-A FOR EX EARTH/AGGREGATE FE



SECTION A-A FOR EX AGGREGATE PE



SECTION A-A FOR EX P.C. HMA & CONC. PE & CE



FOR EX EARTH OR AGGREGATE SURFACES:
 PR AGGREGATE SURFACE COURSE TYPE B (AGG FE/PE)
 PR FURNISHED EXCAVATION (EARTH FE)

FOR HMA:
 PR INCIDENTAL HMA SURFACING (HMA PE)

GENERAL NOTES:

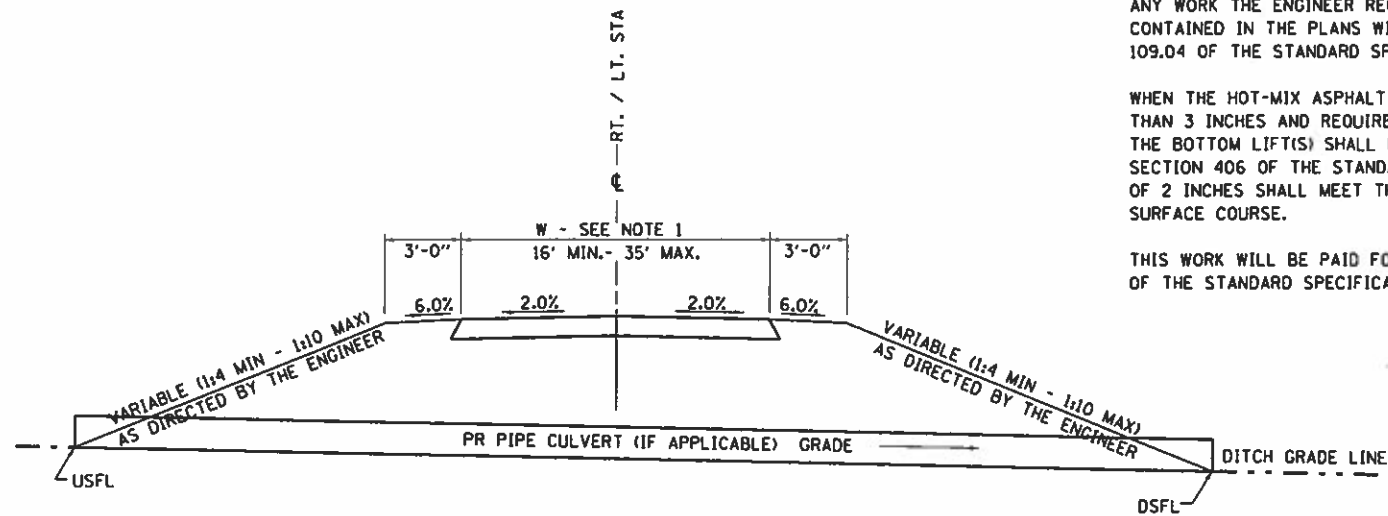
THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES PLACEMENT IN MORE THAN ONE LIFT, THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

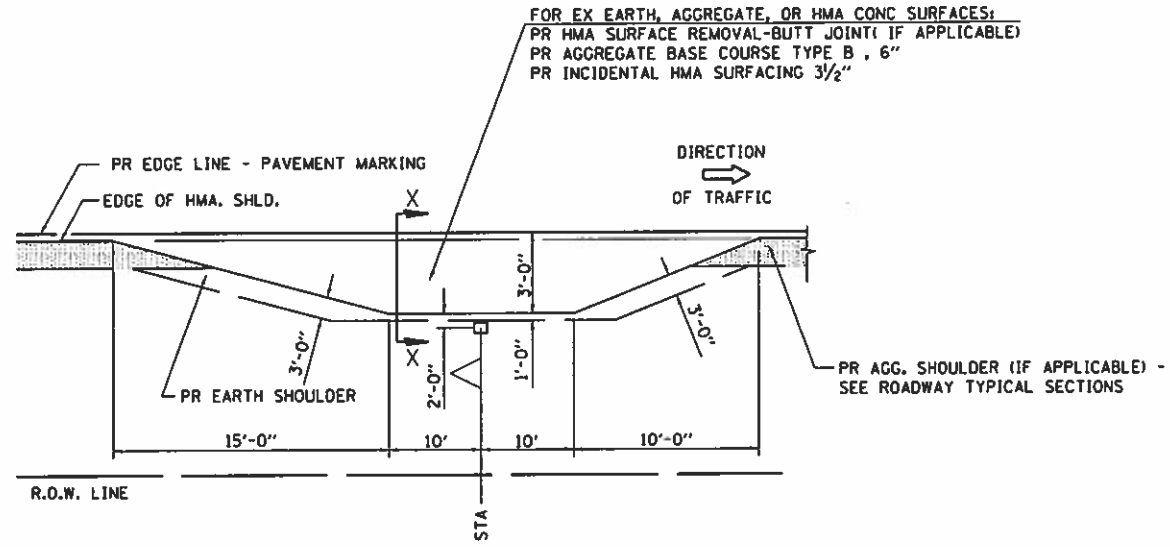


SECTION E-E ENTRANCE TYPICAL SECTION

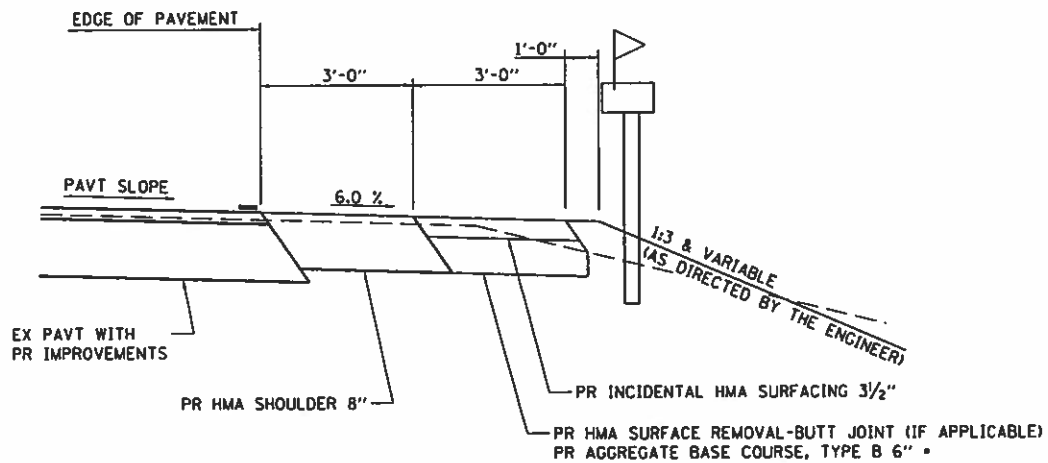
NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

MODEL: Dcbur
FILE NAME: H:\2541.1\Plat HSP CH 5\CADD\Sheet\2541.1-entr.dgn

DETAILS OF MAILBOX TURNOUTS



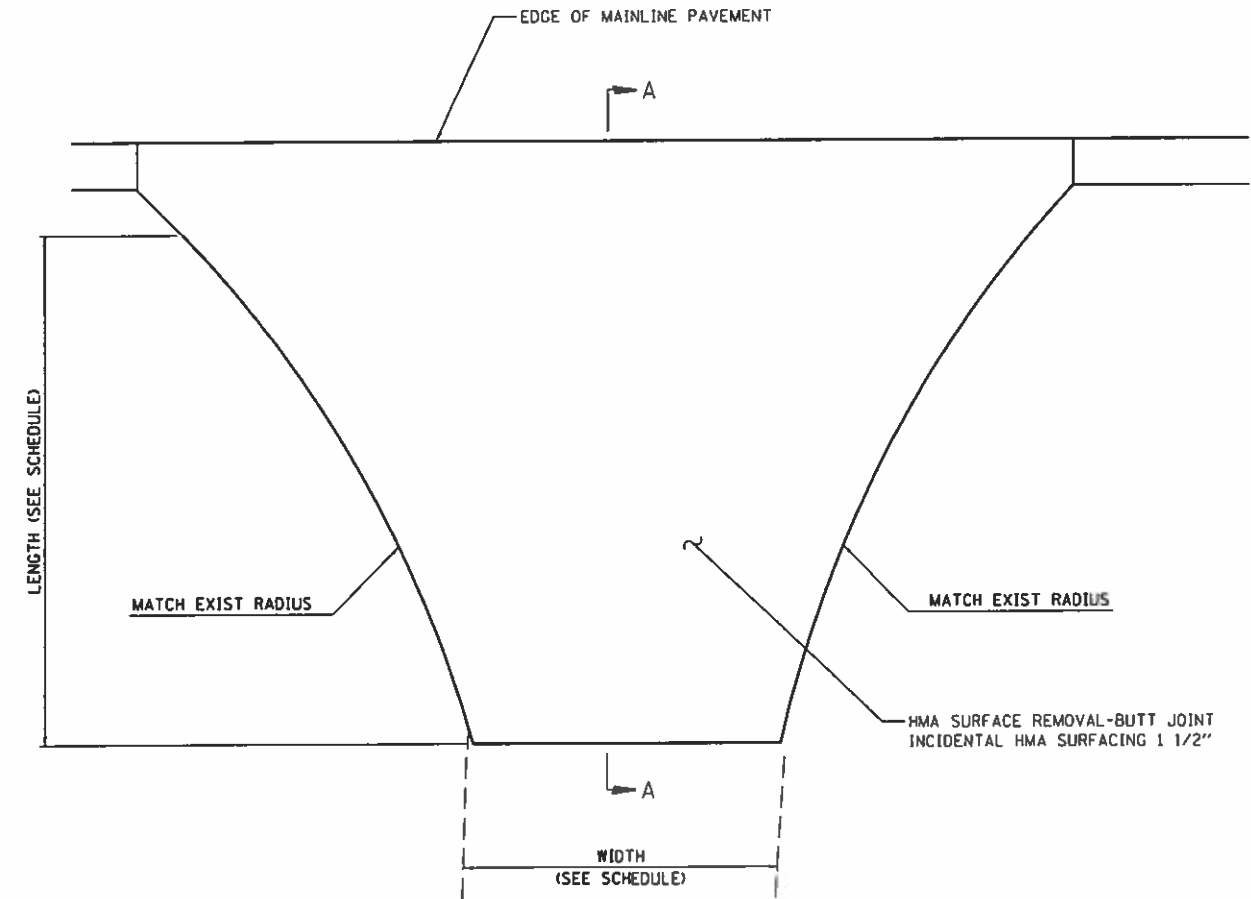
PLAN - MAILBOX TURNOUTS



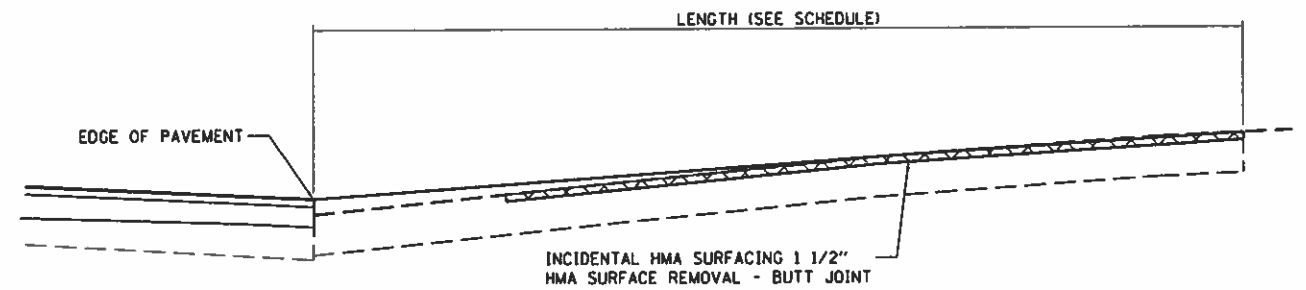
**SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
 EX EARTH, AGGREGATE, OR HMA PE & FE**

• CONSTRUCT AGGREGATE BASE COURSE IN AREAS WHERE THERE IS NO EXISTING BASE

DETAILS OF SIDE ROADS



**PLAN
 SIDE ROAD**



SECTION A-A

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

MAIL BOX TURNOUT AND SIDE ROAD DETAILS

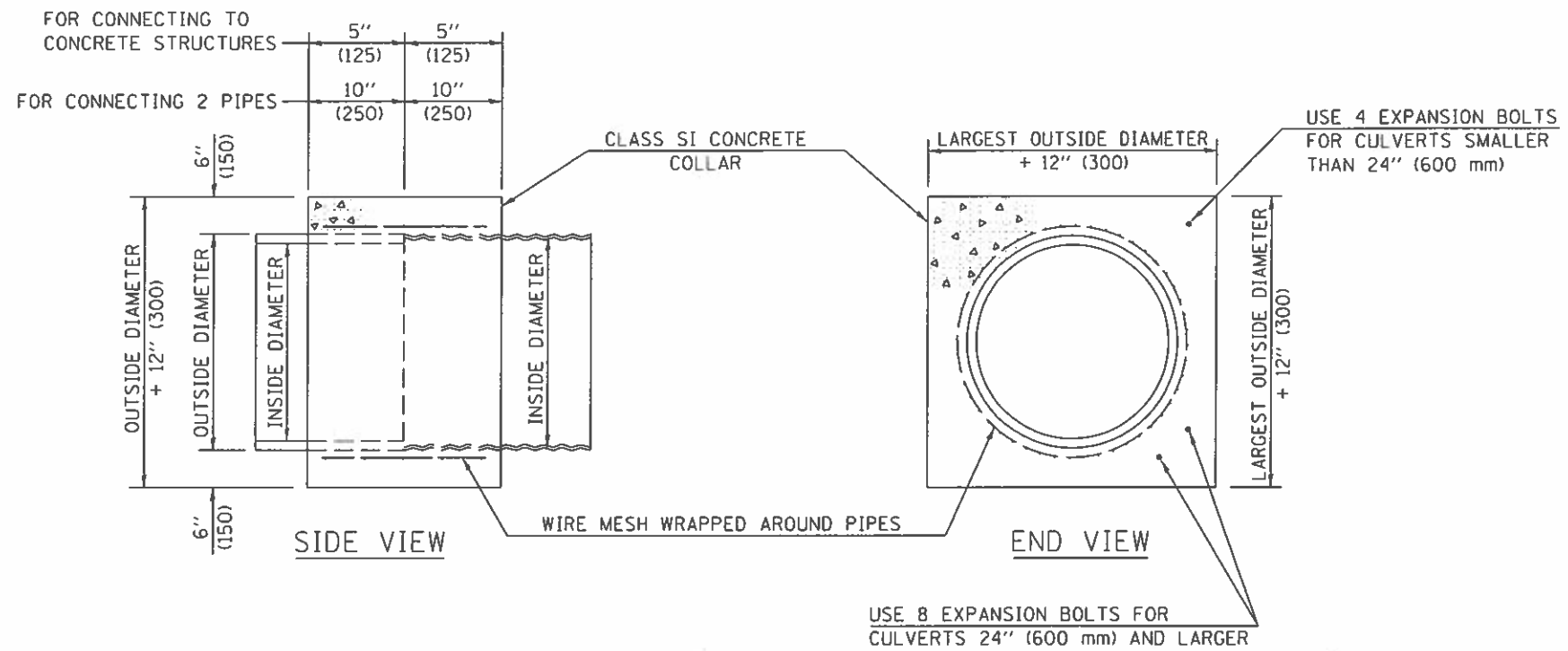
CEC Cummins Engineering Corporation
 Civil and Structural Engineering

JOB # 2541.1	DESIGNED - NAK	REVISED -
FILE NAME = 2541.1-sbt-ent.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - NAK	REVISED -
PLOT DATE = 7/31/2018	DATE - 11/20/2017	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
--------	-------	----	--------	------	---------

F.A.S. RTE. 538	SECTION 19-00220-04-S0	COUNTY PIATT	TOTAL SHEETS 45	SHEET NO. 25
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

MODEL: Default FILE NAME: 190220-04-S0.dgn CH 5-ROADS-Sheets(2541) 1-sbt-ent.dgn



GENERAL NOTES

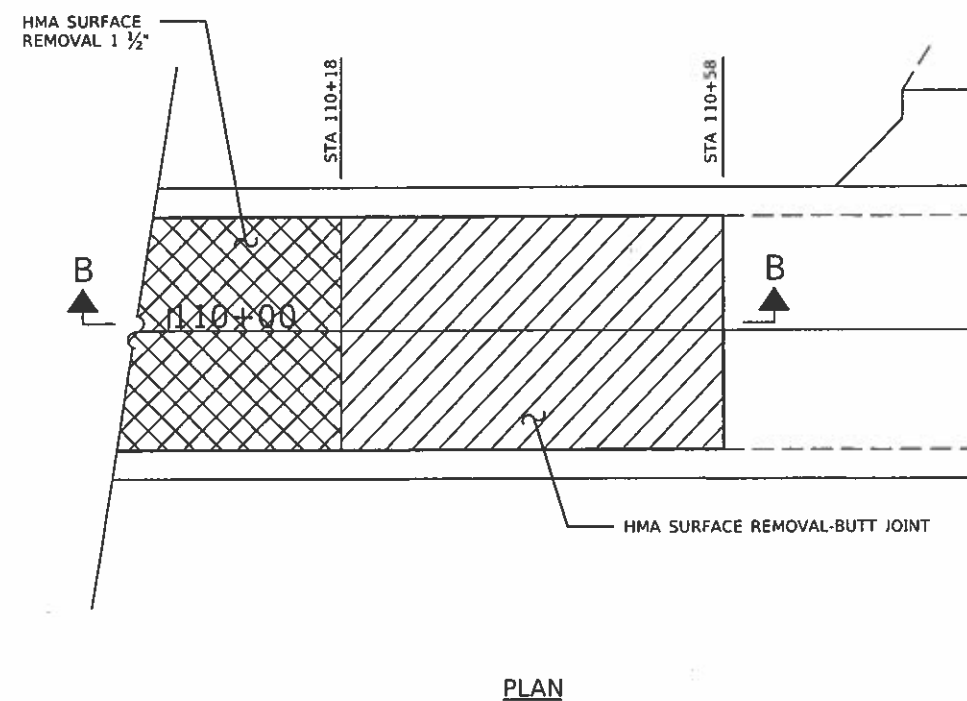
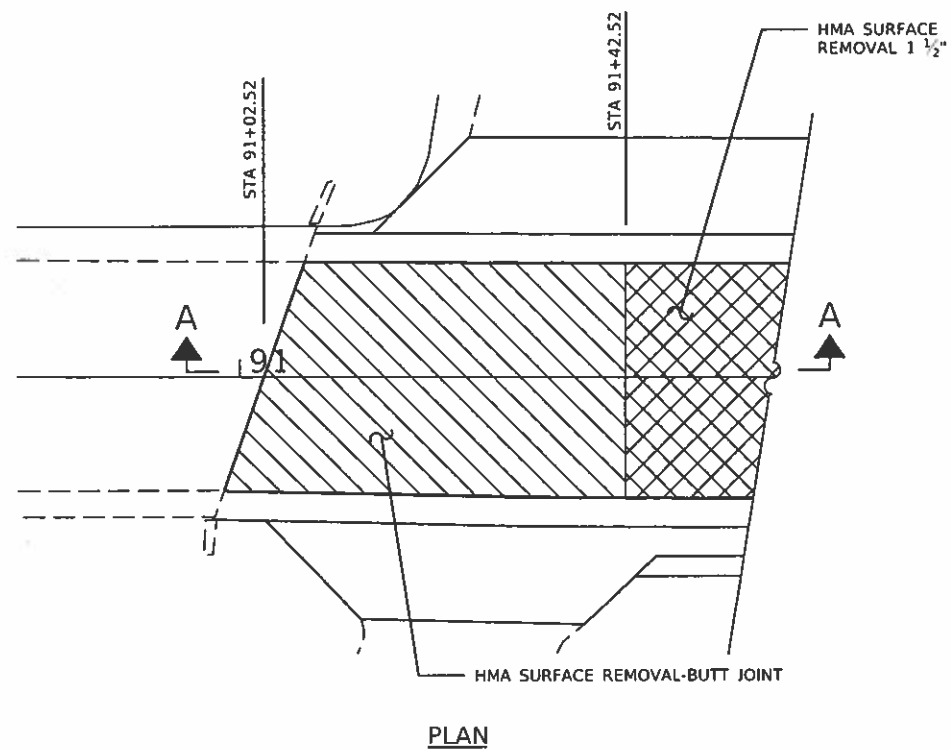
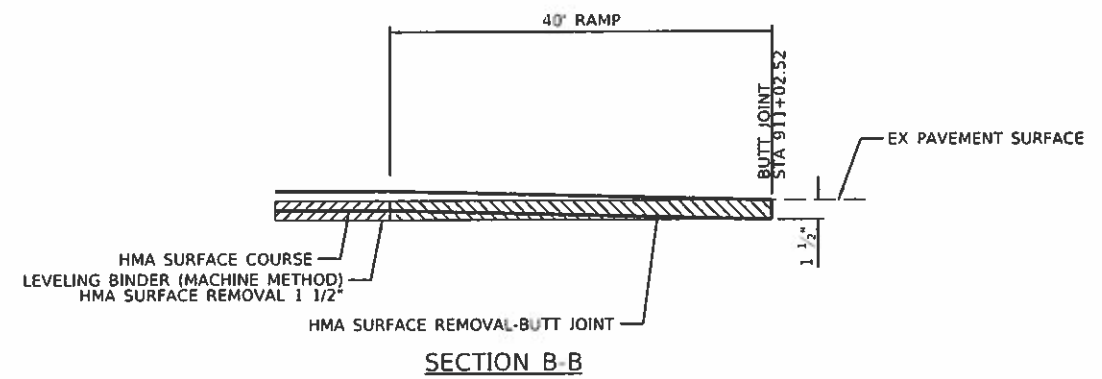
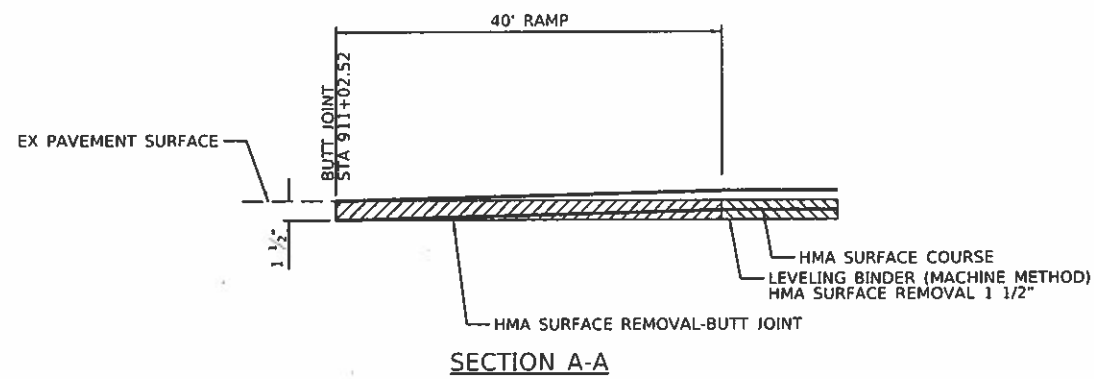
1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²). WIRE MESH WILL NOT BE PAID FOR SEPARATELY SHALL BE INCLUDED IN THE COST FOR CONCRETE COLLARS.
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED 20" (500 mm) WIDTH
INCH (mm)	CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED 20" (500 mm) WIDTH
INCH (mm)	CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

MODEL: Default
 FILE NAME: H32541_1_Plat1_H3IP_CH 5CADDSheets02541_1-191-collor.dgn



PROJECT: PIATT
 FILE NAME: P:\2541.1_Piatt MSP CH 5\CD\Drawings\2541.1-54-butt_joint.dgn

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB #	2541.1	DESIGNED	NAK	REVISED	-
FILE NAME	2541.1-sth-butt joint.dgn	DRAWN	SJS	REVISED	-
PLOT SCALE	20,0000" / in.	CHECKED	NAK	REVISED	-
PLOT DATE	7/31/2018	DATE	11/20/2017	REVISED	-

**PIATT COUNTY
CH 5 IMPROVEMENTS**

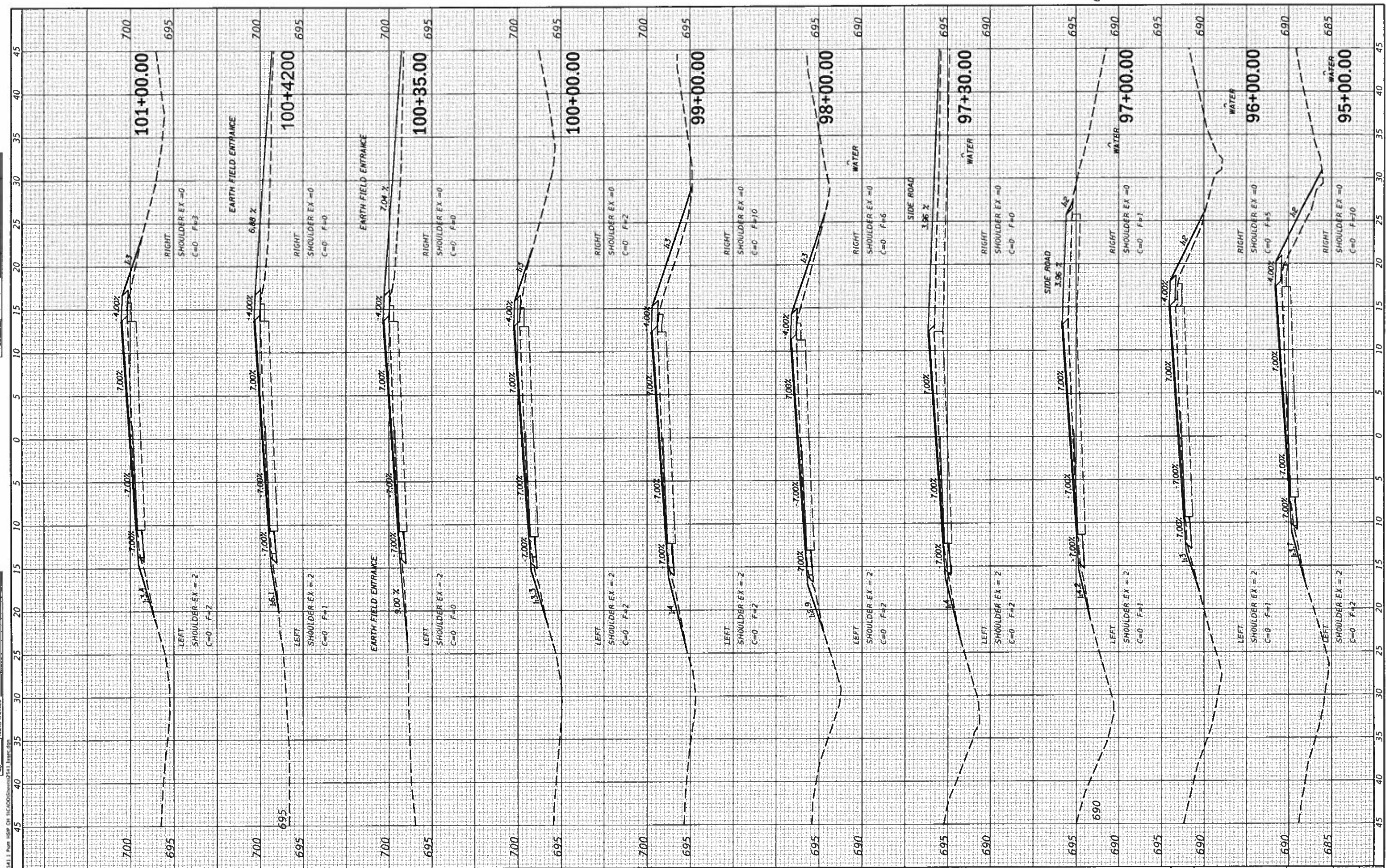
BUTT JOINT DETAILS

SCALE	SHEET	OF	SHEETS	STA.	TO STA.
-------	-------	----	--------	------	---------

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	27
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

UNAPPROVED SURVEY	
APPROVED SURVEY	
NOTED SURVEY	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	

UNAPPROVED SURVEY	
APPROVED SURVEY	
NOTED SURVEY	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB # 2541.1
FILE NAME = 2541.1ascc.dgn
PLOT SCALE = 10,000' / 1" = 1" = 100' = 10000
PLOT DATE = 7/18/2018

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/8/2017	REVISED -	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

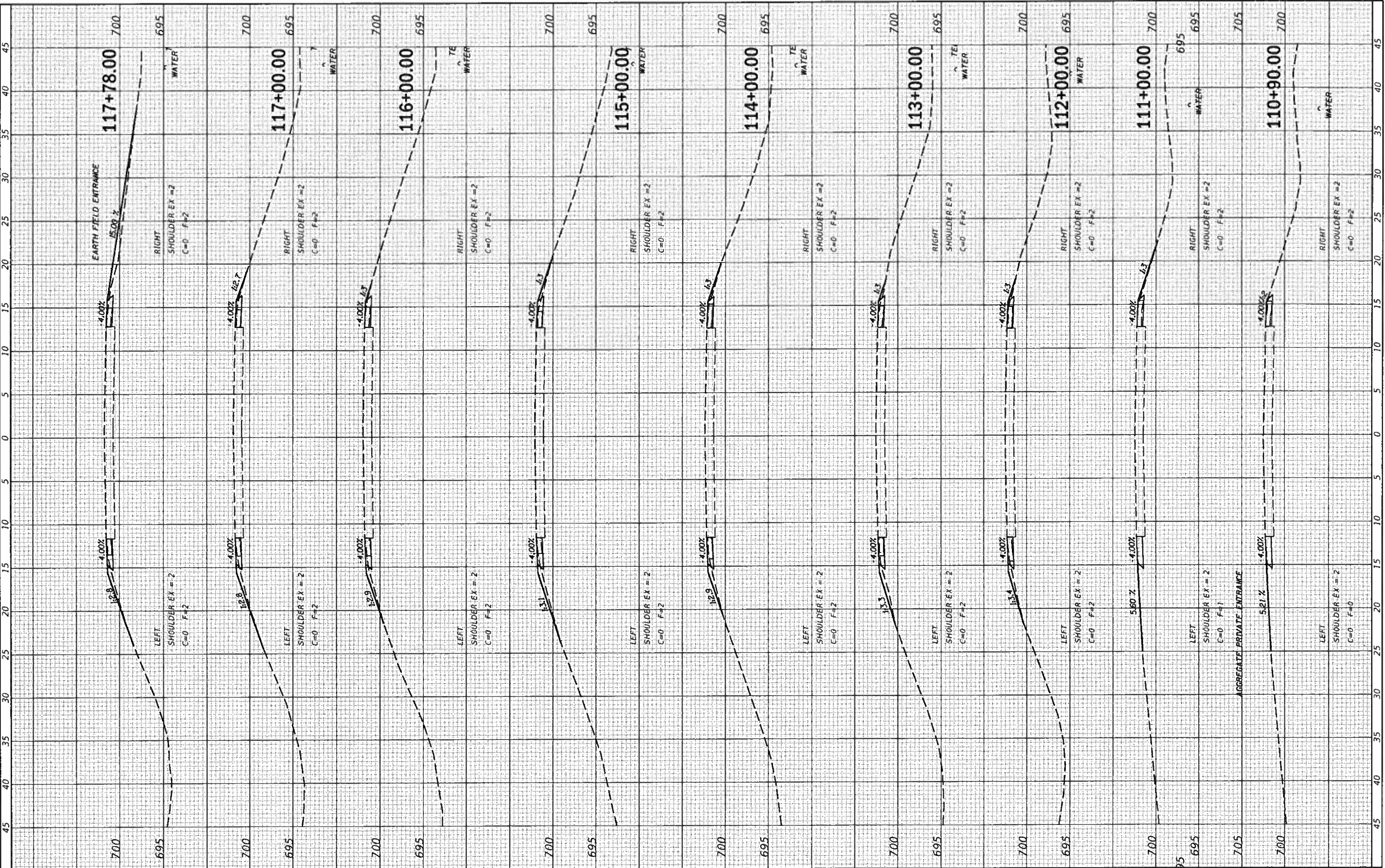
SCALE: SHEET OF SHEETS STA. 95+00.00 TO STA. 101+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-S0	PIATT	45	29
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SHAWKED PLOTTED
NOTE BOOK	TEMPRATT
NO.	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SHAWKED PLOTTED
NOTE BOOK	TEMPRATT
NO.	AREAS CHECKED

MODEL: Default
FILE NAME: H325411 Part 1010 CH 5(CADD)Sheet9511.dwg



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2541.1
FILE NAME = 2541.1.dwg
PLOT SCALE = 10.0000 1/IN.
PLOT DATE = 7/31/2018

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/8/2017	REVISED -	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 110+90.00 TO STA. 117+78.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19-00220-04-SD	PIATT	45	31
CONTRACT NO. 91580			
ILLINOIS FED. AID PROJECT			

FINAL SURVEY PLOTTED
 NO. 10/10/10

FINAL SURVEY PLOTTED
 NO. 10/10/10

CEC Cummins Engineering Corporation
 Civil and Structural Engineering

JOB = 2541.1
 FILE NAME = 2541.13sec.dgn
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 7/31/2018

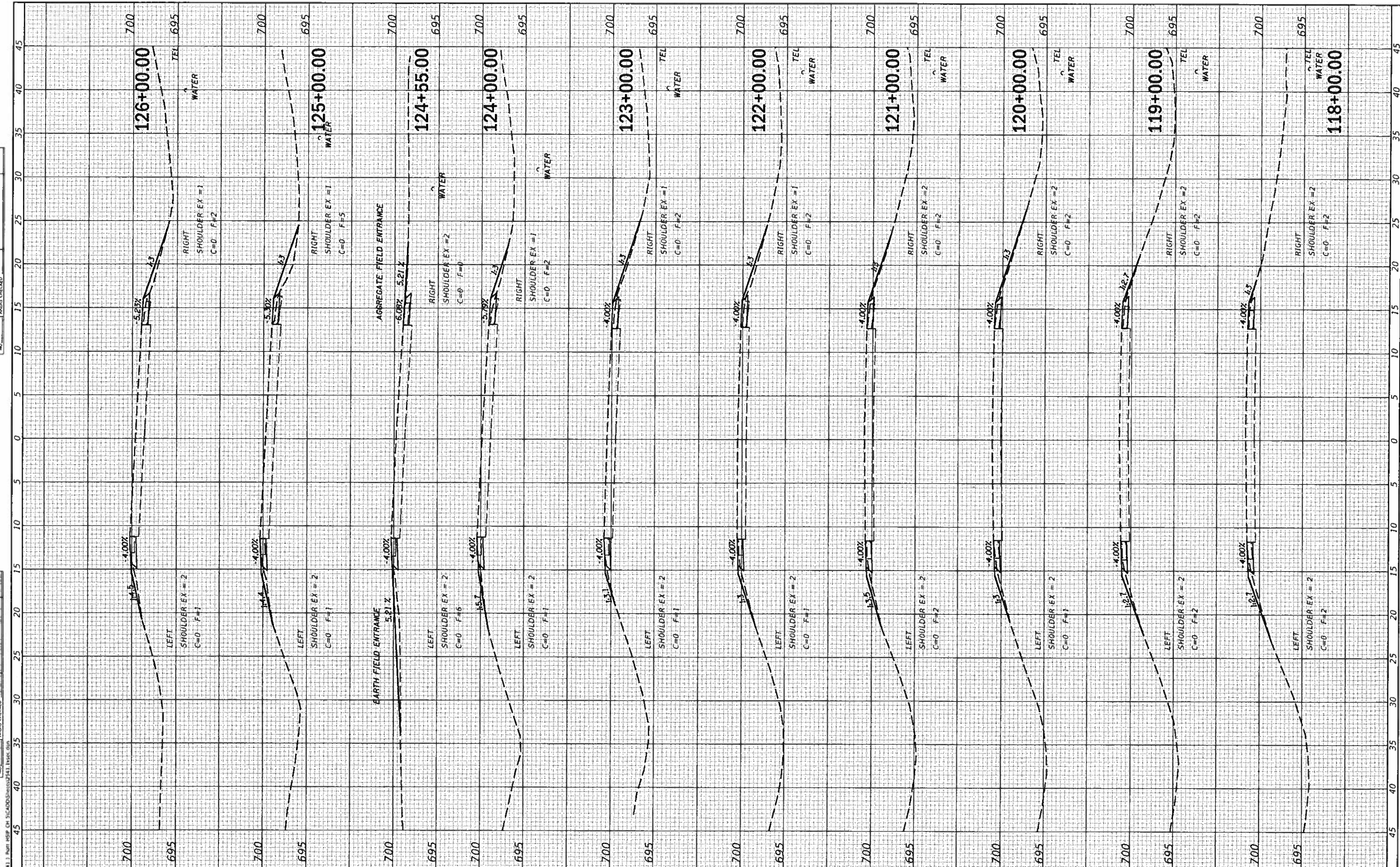
DESIGNED - NAK	REVISED -
DRAWN - SJS	REVISED -
CHECKED - NAK	REVISED -
DATE - 12/8/2017	REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 118+00.00 TO STA. 126+00.00

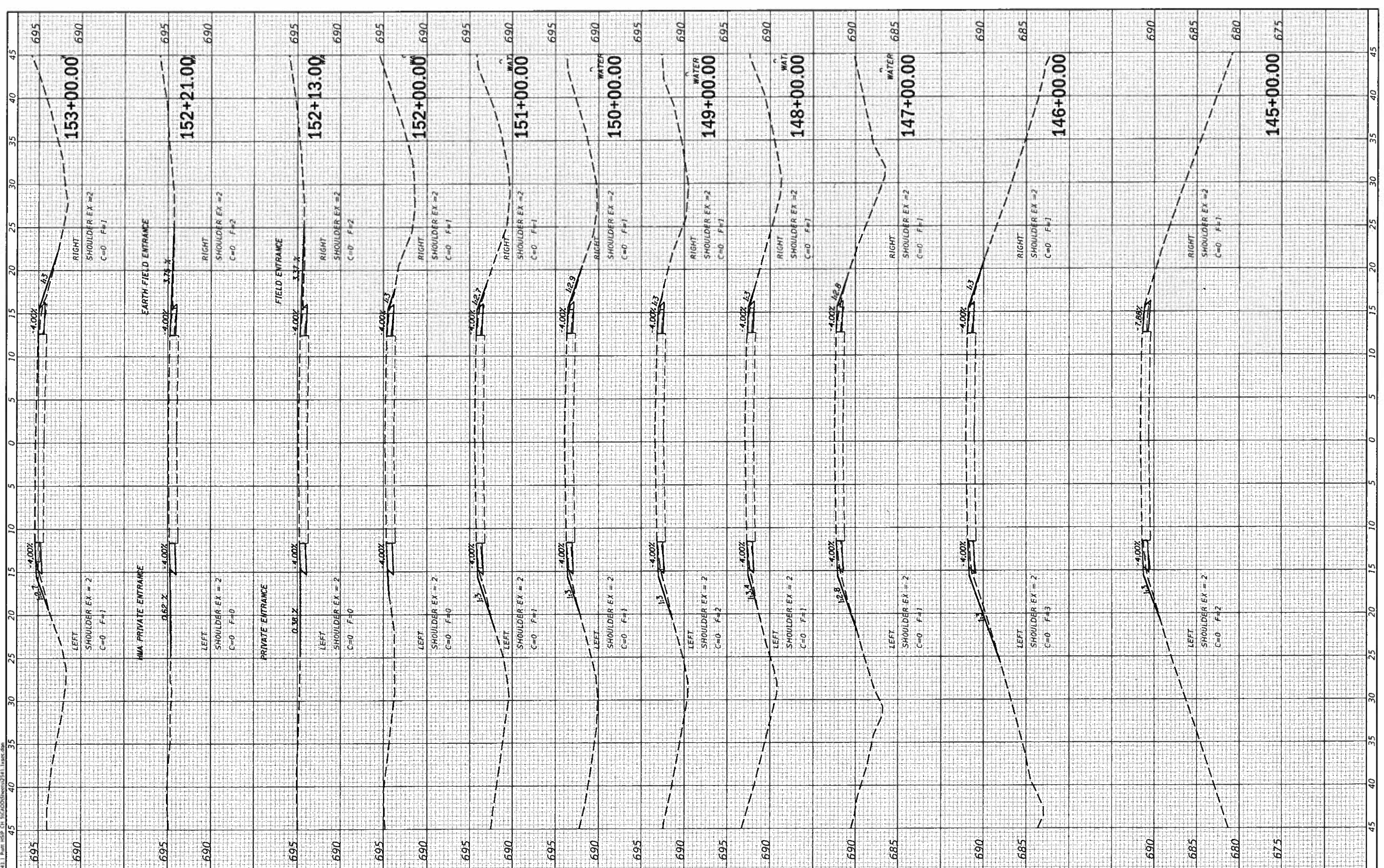
F.A.S. RTE. 538	SECTION 19-00220-04-SD	COUNTY PIATT	TOTAL SHEETS 45	SHEET NO. 32
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				



FINAL SURVEYED PLOTTED TEMPLATE AREAS CHECKED

ORIGINAL SURVEYED PLOTTED TEMPLATE AREAS CHECKED

MODEL: Default
 FILE NAME: P:\2541_1_Piatt CH5 CH 5 IMPROVEMENTS\2541_1.dwg



JOB # 2541.1
 FILE NAME = 2541.1.dwg
 PLOT SCALE = 10,000' / in.
 PLOT DATE = 7/31/2018

DESIGNED - NAK	REVISED -
DRAWN - SJS	REVISED -
CHECKED - NAK	REVISED -
DATE - 12/8/2017	REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

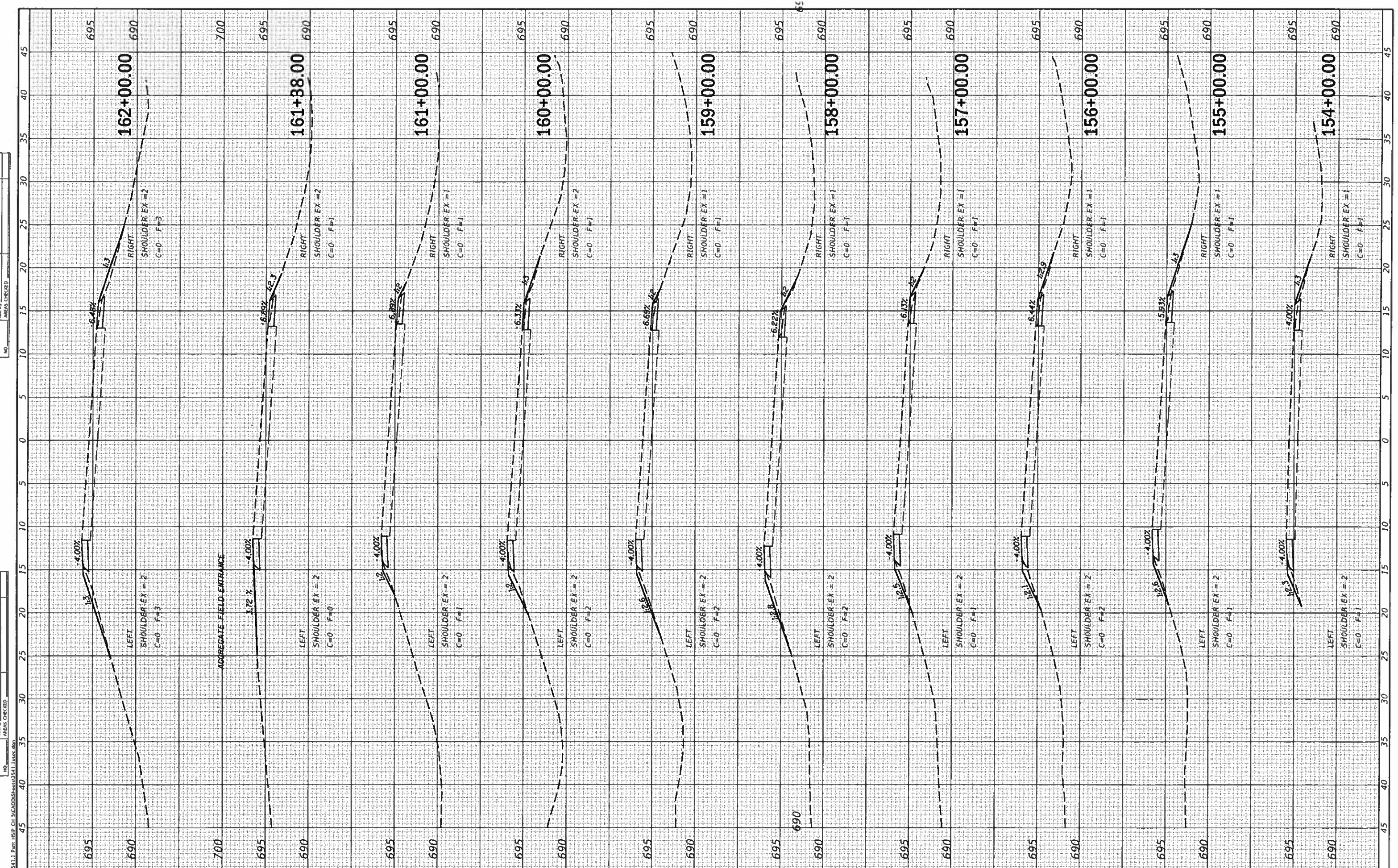
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 145+00.00 TO STA. 153+00.00

F.A.S. RTE. 538	SECTION 19-00220-04-SD	COUNTY PIATT	TOTAL SHEETS 45	SHEET NO. 35
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

UNAPPROVED SURVEY	SHARVED SURVEY
NOT PLOTTED	PLOTTED
NO AREAS CHECKED	AREAS CHECKED

UNAPPROVED SURVEY	SHARVED SURVEY
NOT PLOTTED	PLOTTED
NO AREAS CHECKED	AREAS CHECKED



MODEL: D0401
 FILE NAME: H:\2541.1\Part_HSP.CH5\ACADD\Sheet2541.1.dwg
CEC Cummins Engineering Corporation
 Civil and Structural Engineering

JOB = 2541.1
 FILE NAME = 2541.1.dwg
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 7/31/2018

DESIGNED	-	NAK	REVISED	-
DRAWN	-	SJS	REVISED	-
CHECKED	-	NAK	REVISED	-
DATE	-	12/8/2017	REVISED	-

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

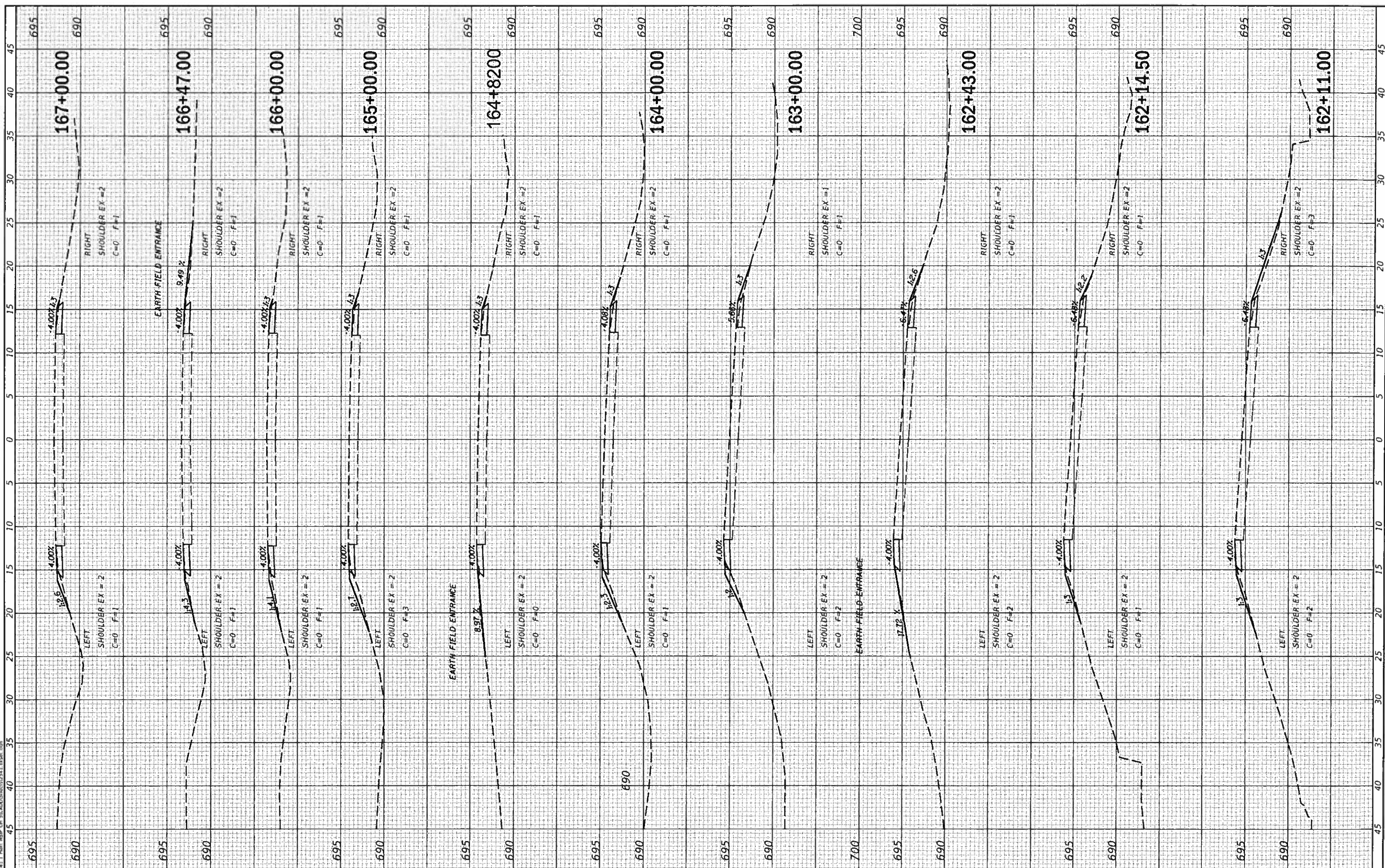
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 154+00.00 TO STA. 162+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	36
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

DESIGNED	NAK
DRAWN	SJS
CHECKED	NAK
DATE	12/8/2017

REVISIONS	
NO.	
DATE	
DESCRIPTION	



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB # 2541.1
FILE NAME = 2541.1spec.dgn
PLOT SCALE = 10,000' / in.
PLOT DATE = 7/31/2018

DESIGNED	NAK	REVISED	
DRAWN	SJS	REVISED	
CHECKED	NAK	REVISED	
DATE	12/8/2017	REVISED	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

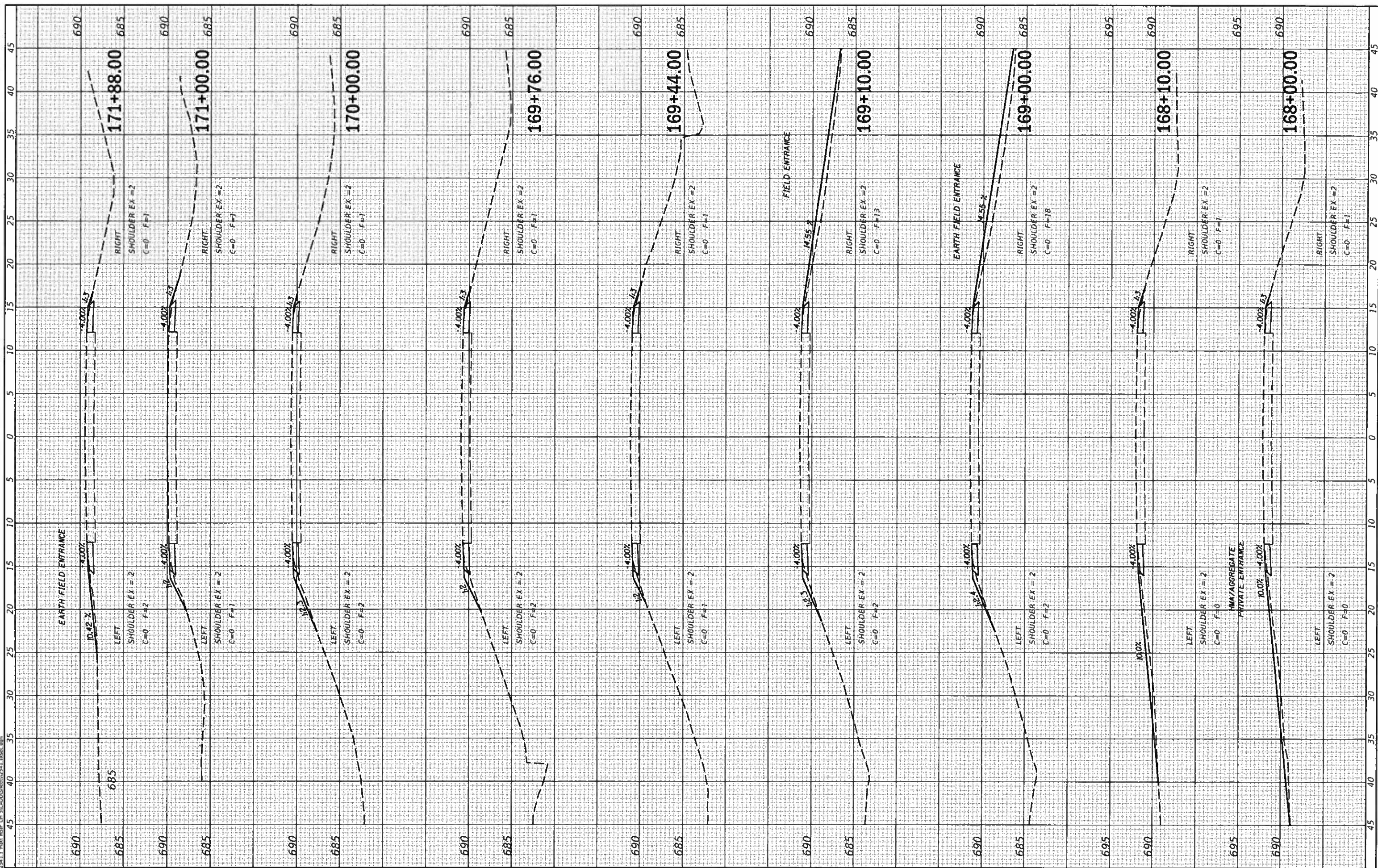
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 162+11.00 TO STA. 167+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	37
CONTRACT NO. 91580				
ILLINOIS FED AID PROJECT				

DESIGNED	NAK
CHECKED	NAK
DATE	12/8/2017
REVISIONS	
NO.	

DESIGNED	NAK
CHECKED	NAK
DATE	12/8/2017
REVISIONS	
NO.	



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB # 2541.1
FILE NAME = 2541.1a.ec.dgn
PLOT SCALE = 10.0000"/in.
PLOT DATE = 7/31/2018

DESIGNED	NAK	REVISED	-
DRAWN	SJS	REVISED	-
CHECKED	NAK	REVISED	-
DATE	12/8/2017	REVISED	-

**PIATT COUNTY
CH 5 IMPROVEMENTS**

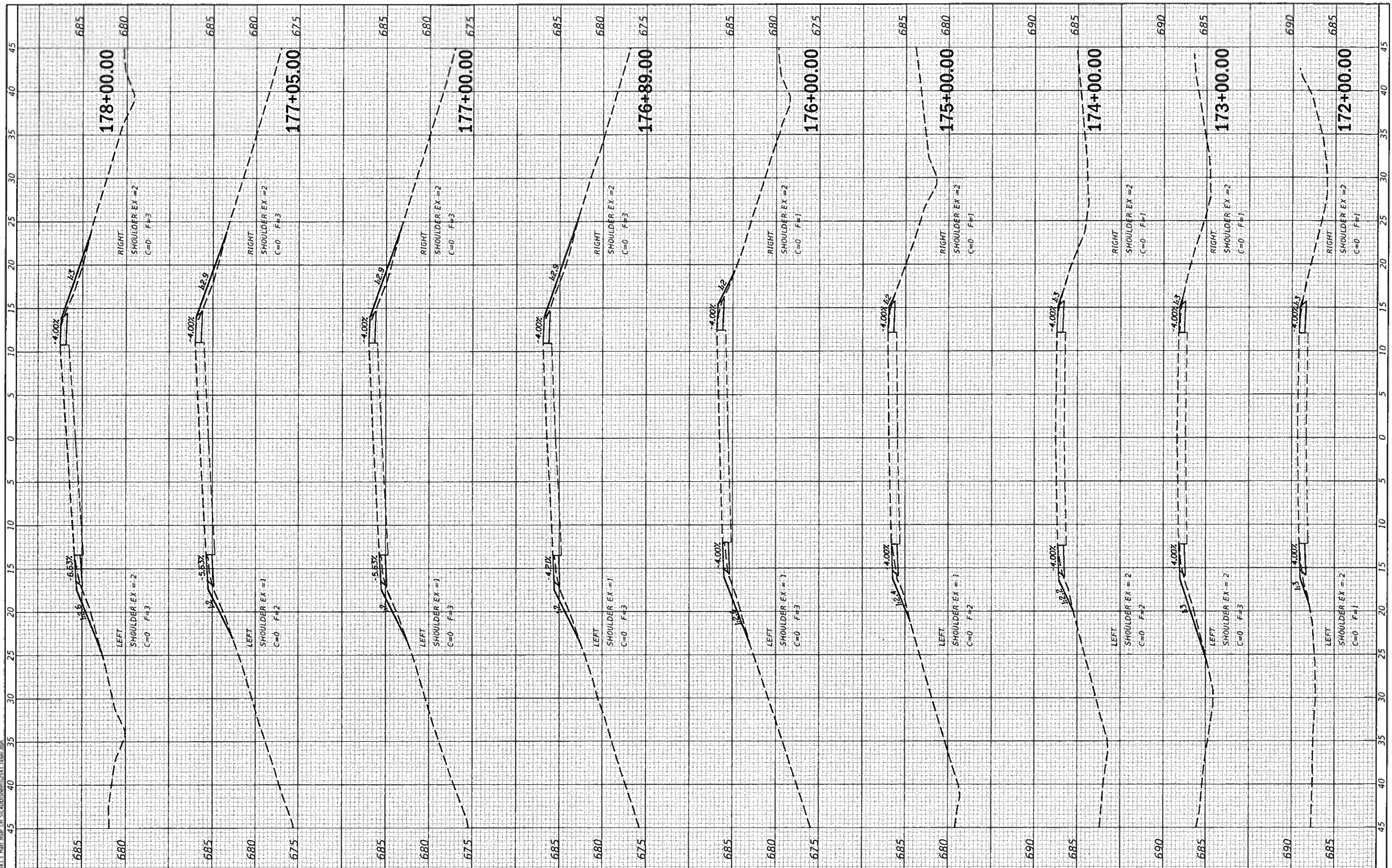
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 168+00.00 TO STA. 171+88.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	38
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

DATE	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
DESIGNED	
DRAWN	
CHECKED	
DATE	



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2541.1
FILE NAME = 2541.1ascc.dgn
PLOT SCALE = 10.0000"/in.
PLOT DATE = 7/31/2018

DESIGNED	NAK	REVISED	
DRAWN	SJS	REVISED	
CHECKED	NAK	REVISED	
DATE	12/8/2017	REVISED	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

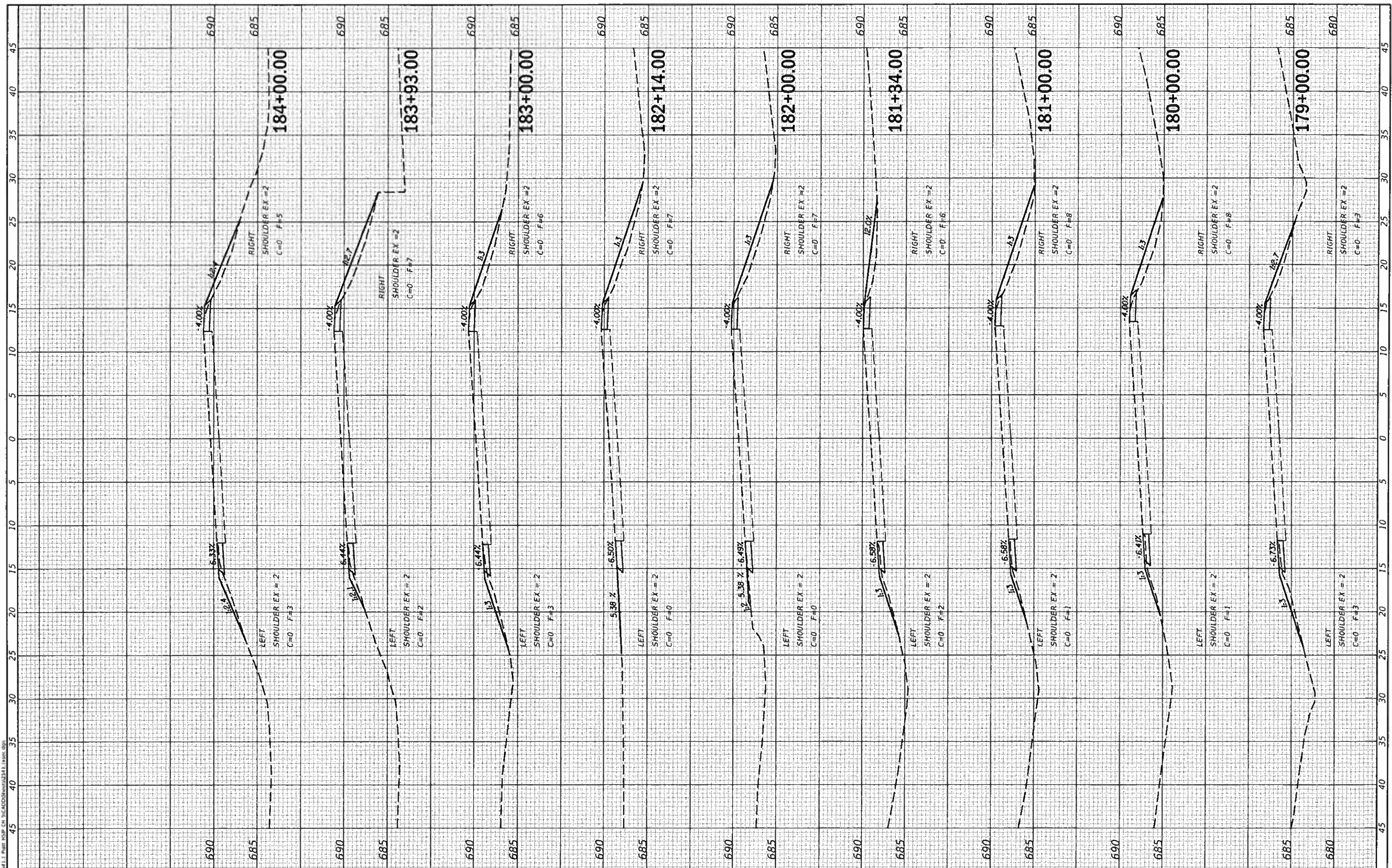
SCALE:	SHEET	OF	SHEETS	STA.	172+00.00 TO STA.	178+00.00
--------	-------	----	--------	------	-------------------	-----------

CROSS SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	39
CONTRACT NO. 91580			ILLINOIS FED. RD. PROJECT	

FINAL SURVEY	DATE
DATE	
NO.	
NO.	
NO.	
NO.	

ORIGINAL SURVEY	DATE
DATE	
NO.	
NO.	
NO.	
NO.	



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2541.1
FILE NAME = 2541.1.txdwg
PLOT SCALE = 10.0000' / in.
PLOT DATE = 7/31/2018

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/8/2017	REVISED -	

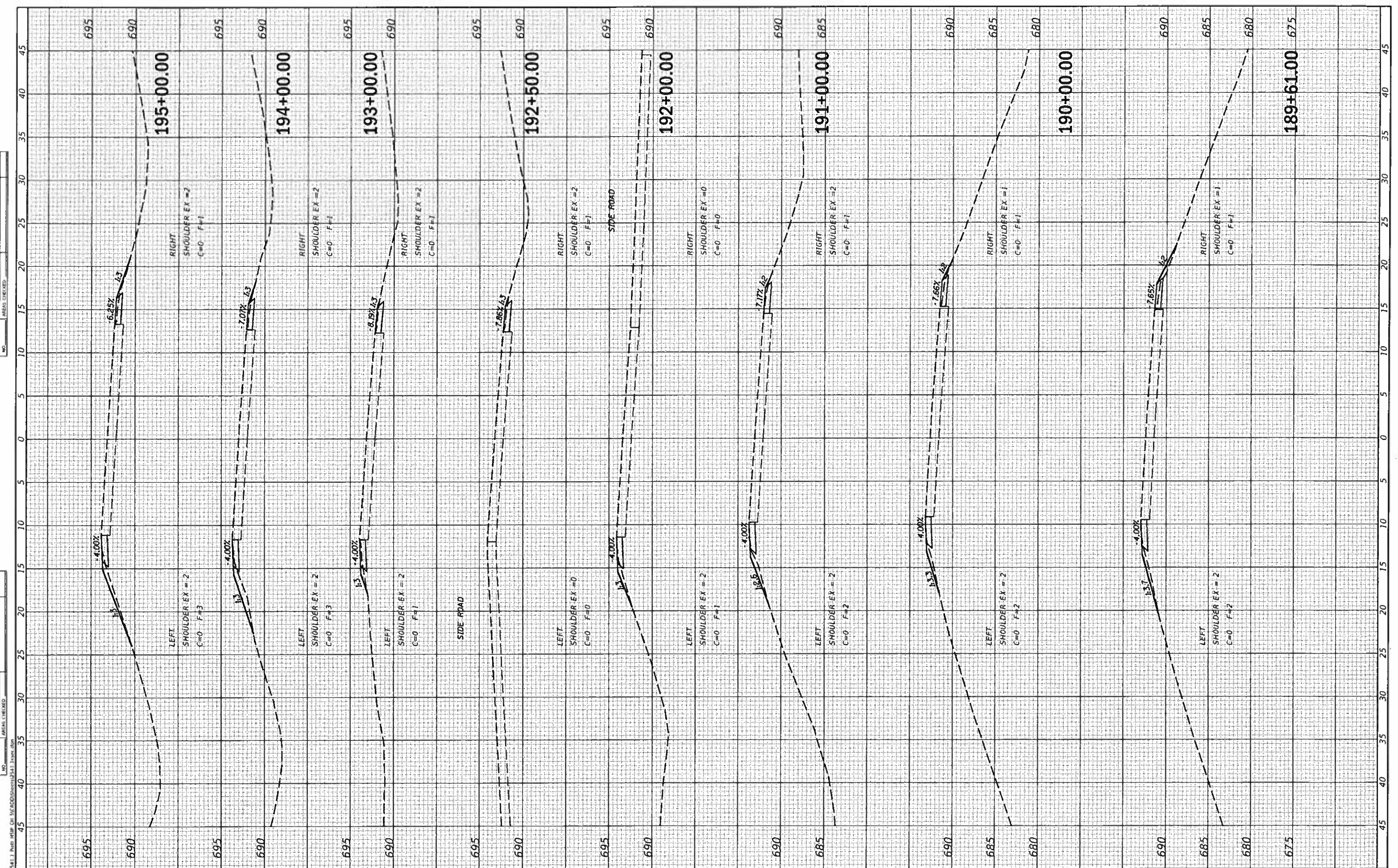
**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS
SCALE: SHEET OF SHEETS STA. 179+00.00 TO STA. 184+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	40
CONTRACT NO. 91580			ILLINOIS FED AID PROJECT	

DESIGNED	NAK
DRAWN	SJS
CHECKED	NAK
DATE	12/8/2017

DESIGNED	NAK
DRAWN	SJS
CHECKED	NAK
DATE	12/8/2017



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2541.1
FILE NAME = 2541.1.ssc.dgn
PLOT SCALE = 10.0000' / 1" = 100
PLOT DATE = 7/31/2018

DESIGNED	NAK	REVISED	-
DRAWN	SJS	REVISED	-
CHECKED	NAK	REVISED	-
DATE	12/8/2017	REVISED	-

**PIATT COUNTY
CH 5 IMPROVEMENTS**

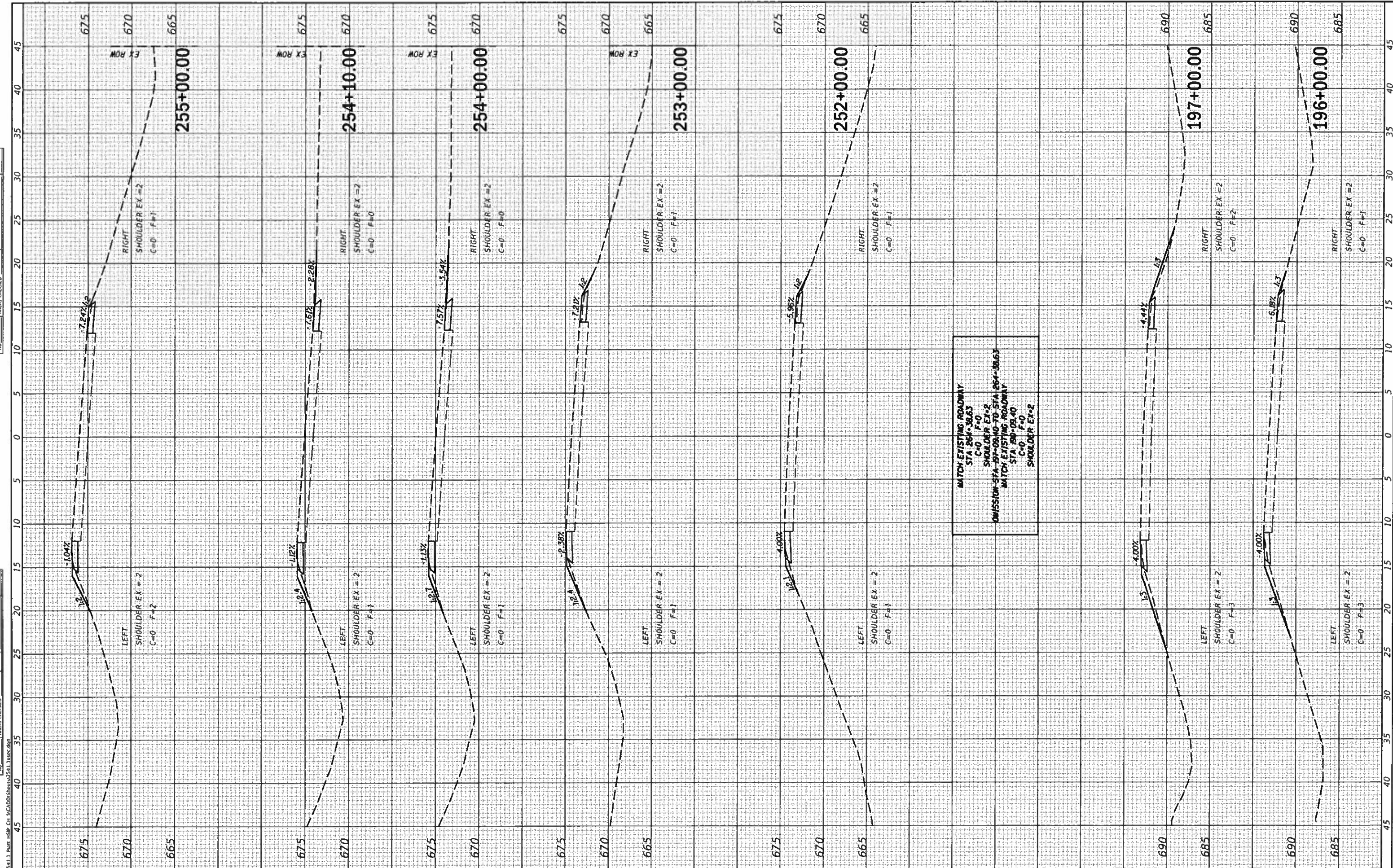
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 189+61.00 TO STA. 195+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	42
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

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

UNLAWFUL	DATE
REVISIONS	NO.
AREAS CHECKED	NO.



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB # 2541.1
FILE NAME = 2541.1asc.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 7/11/2018

DESIGNED	NAK	REVISED	.
DRAWN	SJS	REVISED	.
CHECKED	NAK	REVISED	.
DATE	12/9/2017	REVISED	.

**PIATT COUNTY
CH 5 IMPROVEMENTS**

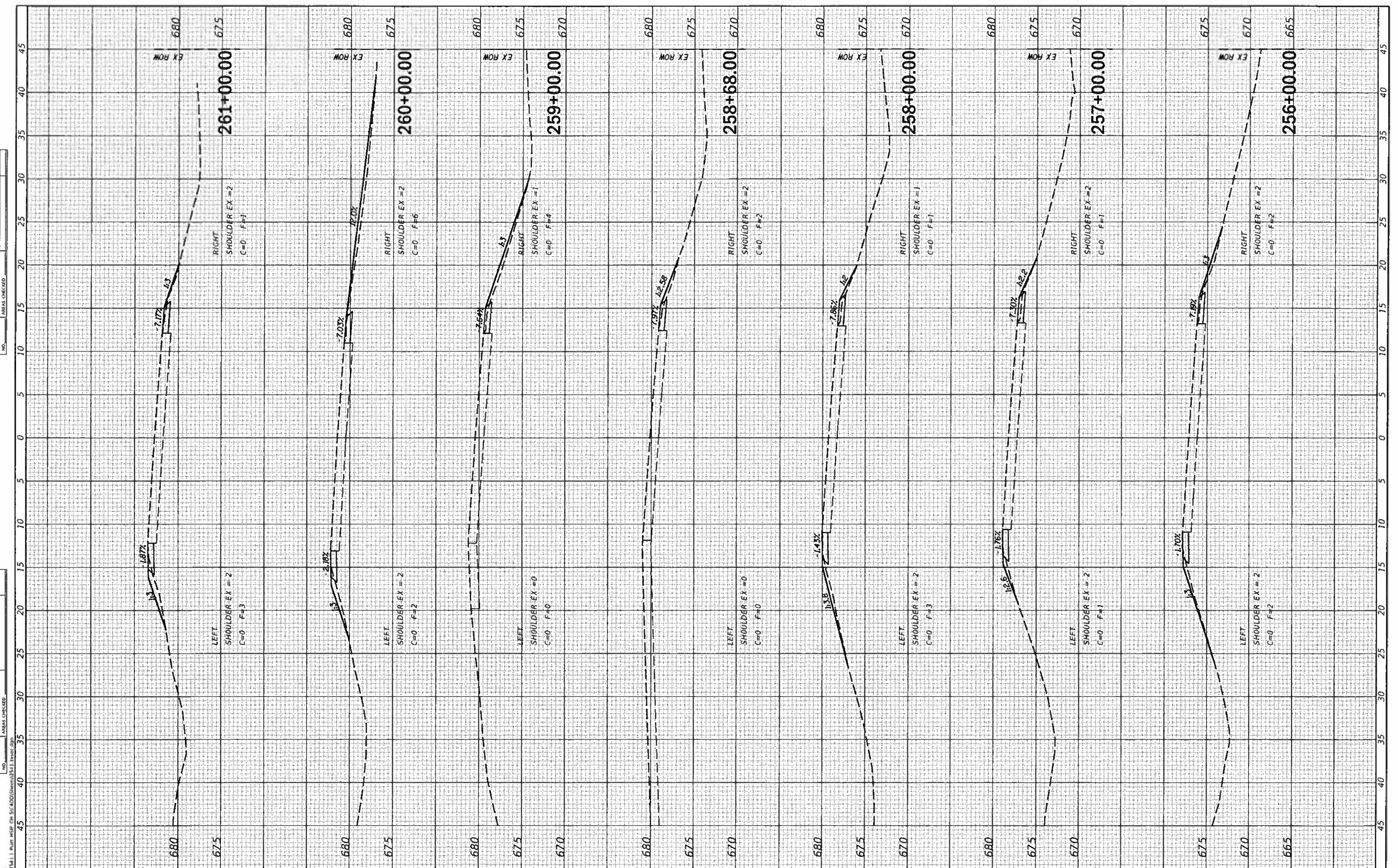
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 196+00.00 TO STA. 255+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	43
CONTRACT NO. 91580				
ILLINOIS FED. AID PROJECT				

REVISIONS	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2541.1
FILE NAME = 2541.1sec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 7/31/2018

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/8/2017	REVISED -	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

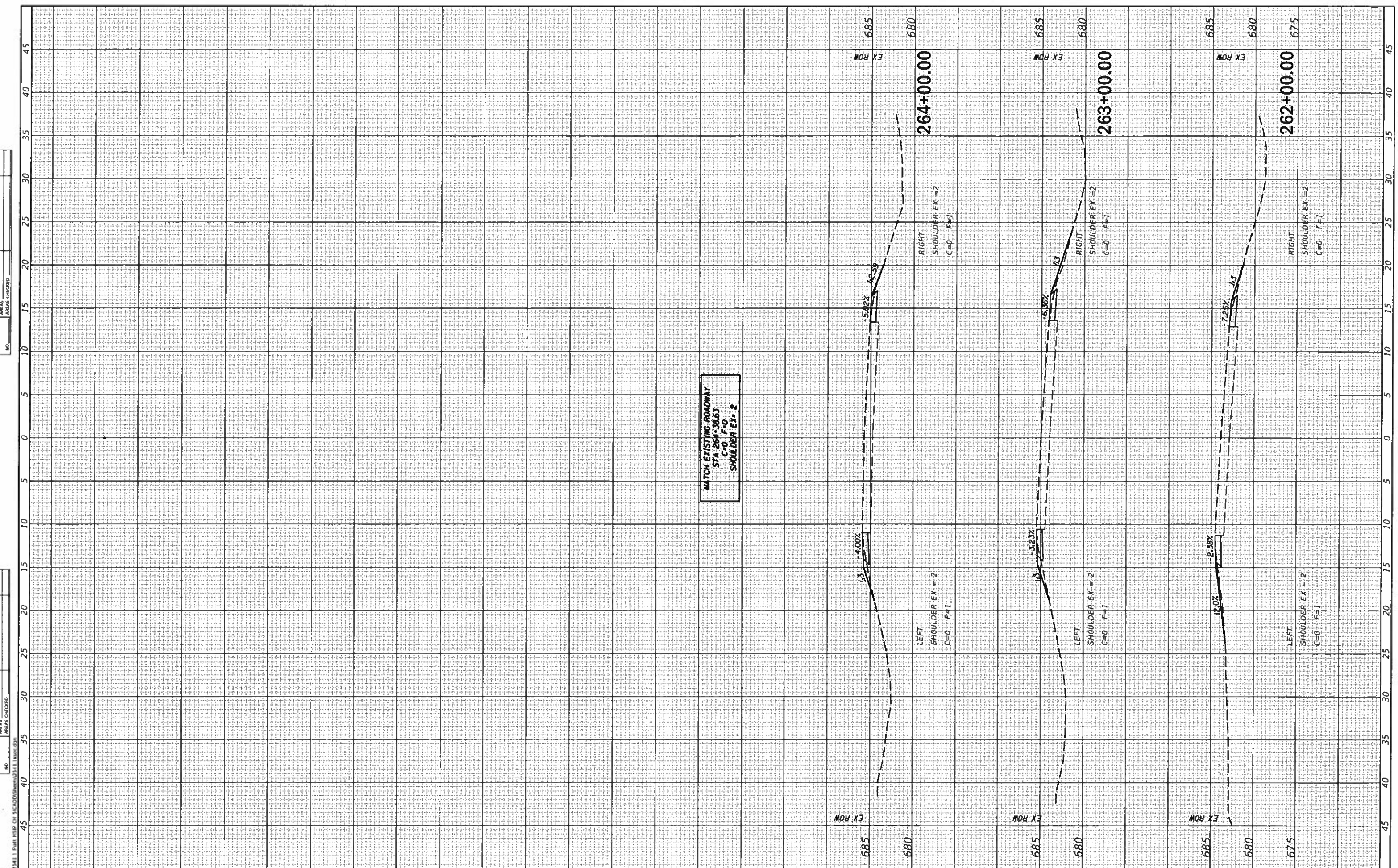
SCALE: SHEET OF SHEETS STA. 256+00.00 TO STA. 261+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	44
CONTRACT NO. 91580				

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SHARVETO
NO. 1	PLOTTED
NO. 2	NOTICED
NO. 3	TEMPATE
NO. 4	AREAS CHECKED

UPPER	SHARVETO
NO. 1	PLOTTED
NO. 2	NOTICED
NO. 3	TEMPATE
NO. 4	AREAS CHECKED



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2541.1
FILE NAME = 2541.1issc.dgn
PLOT SCALE = 10.0000"=1 in.
PLOT DATE = 7/31/2018

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	12/8/2017	REVISED -	

**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 262+00.00 TO STA. 265+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	19-00220-04-SD	PIATT	45	45
CONTRACT NO. 91580				
ILLINOIS FED AID PROJECT				