

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES:

THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2018 SHALL GOVERN THE CONSTRUCTION OF THE PROPOSED WORK EXCEPT AS MODIFIED BY THE DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES ON SITE PRIOR TO ANY CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THEIR FACILITIES. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 FOR UTILITY LOCATIONS.

THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINE AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGES AS A RESULT OF THE WORK.

ALL EXISTING SURROUNDING AREAS AND PROPERTIES SHALL BE PROTECTED FROM DAMAGE AND LEFT UNDAMAGED BY THE OPERATION OF THE CONTRACTOR. ANY OF THE SURROUNDING PROPERTY DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO AN EQUAL OR BETTER CONDITION THAN WHAT EXISTED PRIOR TO CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.

ADJUSTMENTS OF PROPOSED GRADES TO MATCH EXISTING ENTRANCES OR OTHER FIELD CONDITIONS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.

THE SUMMARY OF QUANTITIES HAS BEEN PROVIDED FOR THE CONTRACTOR'S REFERENCE. CONTRACTOR IS ALERTED TO THE FACT THAT THESE NUMBERS ARE ESTIMATES AND IT IS RECOMMENDED THAT THE CONTRACTOR VERIFY QUANTITIES PRIOR TO ORDERING MATERIALS.

THE OWNER RESERVES THE RIGHT TO REDUCE ANY QUANTITY OR DELETE PAY ITEMS FROM THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.08 OF THE I.D.O.T. STANDARD SPECIFICATIONS, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH PROPERTY OWNER AND A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

EXISTING ROAD SIGNS THAT INTERFERE WITH THE CONSTRUCTION WILL BE RELOCATED AS DIRECTED BY THE ENGINEER OR OWNER, AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED, SIGN REMOVAL, STORAGE AND RELOCATION'S SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND WILL NOT BE PAID FOR SEPARATELY.

THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION, FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.

CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED.

EROSION CONTROL IS A REQUIREMENT OF THIS PROJECT, ANY FINES OR PENALTIES LEVIED AGAINST THIS PROJECT FOR NONCOMPLIANCE WILL BE BORNE SOLELY BY THE CONTRACTOR.

PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, AND OTHER EROSION CONTROL ITEMS SHALL BE INSPECTED BY THE CONTRACTOR AFTER EACH RAIN EVENT AND REPAIRS SHALL BE MADE BY THE CONTRACTOR AS NEEDED.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUND, ETC.) AND/OR WASTE AREAS, THE CONTRACTORS SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM-D4 P10101

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

COMMITMENTS

TREES LARGER THAN 3" DIAMETER, AT BREAST HEIGHT, SHALL NOT BE CLEARED BETWEEN APRIL 1ST AND SEPTEMBER 30TH. THE MARSHALL COUNTY HIGHWAY DEPARTMENT WILL LEVEL TREES MARKED FOR REMOVAL PRIOR TO APRIL 1ST, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING THE STUMPS TO BE PAID FOR AS "STUMP REMOVAL ONLY".

MARSHALL COUNTY WILL FOLLOW IDOT POLICY REGARDING PRESERVATION AND REPLACEMENT OF TREES (EITHER EIGHT CONTAINER TREES OR 30 SEEDLING PLANTED THROUGHOUT THE COUNTY.)

HMA MIXTURE REQUIREMENTS

LOCATION(S):	PROJECT # RS1371(102)	
USE(S):	SURFACE & INCIDENTAL	LEVELING BINDER
PG:	64-22	64-22
DESIGN AIR VOIDS:	4.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5
FRICTION AGGREGATE:	N.A.	N.A.
MIXTURE WEIGHT:	112 LBS/IN/SQ YD	112 LBS/IN/SQ YD
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA
SUBLOT SIZE:	N.A.	N.A.

APPLICATION RATES:

NUTRIENTS 90 LB/ACRE
 POROUS GRANULAR EMBANKMENT 2.0 TONS/CU. YD.
 EROSION CONTROL AGGREGATE 1.5 TONS/CU. YD.
 RIP RR4 1.5 TONS/ CU. YD. AT 16" THICK
 RIP RR3 1.5 TONS/ CU. YD. AT 8" THICK
 PRIME (RESIDUAL) 0.25 LB/SF
 TACK (RESIDUAL) 0.08 LB/SF

ITEM PAY CODE	ITEM	UNIT	TOTAL QUANTITY	SPECIAL PROVISION
20200100	EARTH EXCAVATION	CU YD	2301	
20400800	FURNISHED EXCAVATION	CU YD	107	
20700220	POUROUS GRANULAR EMBANKMENT	CU YD	153	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	161	
25000300	SEEDING, CLASS 3	ACRE	0.76	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	69	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	69	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	69	
25100115	MULCH METHOD 2	ACRE	0.76	
28000305	TEMPORARY DITCH CHECKS	FOOT	232	
28000400	PERIMETER EROSION BARRIER	FOOT	1843	
28100125	STONE RIPRAP, CLASS B3	SQ YD	173	*
28100207	STONE RIPRAP, CLASS A4	TON	58	*
28200200	FILTER FABRIC	SQ YD	89	
35101800	AGGREGATE BASE COURSE, TYPE B, 6"	SQ YD	3411	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8335	
40600295	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	POUND	76803	
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	4873	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	98	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	4420	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	91	
48101500	AGGREGATE SHOULDERS, TYPE B, 6"	SQ YD	939	
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	2173	
48203009	HOT-MIX ASPHALT SHOULDERS, 3"	SQ YD	3032	
50102400	CONCRETE REMOVAL	CU YD	11.7	
50200100	STRUCTURE EXCAVATION	CU YD	239	
50300225	CONCRETE STRUCTURES	CU YD	7.3	
50800105	REINFORCEMENT BARS	POUND	872	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	36	
54010403	PRECAST CONCRETE BOX CULVERT 4X3	FOOT	60	*
54010404	PRECAST CONCRETE BOX CULVERT 4X4	FOOT	18	*
54010606	PRECAST CONCRETE BOX CULVERT 6X6	FOOT	26	*
54205059	PIPE CULVERT, SPECIAL 24"	FOOT	58	
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	10.5	*
60100935	PIPE DRAIN, 10"	FOOT	20	*
60218300	MANHOLE, TYPE A, 4' DIA. TYPE 1 FRAME OPEN LID	EACH	1	
60238800	INLETS, TYPE A	EACH	1	
63000001	SPBGR TYA 6FT POST	FOOT	1000	
63100167	TR BAR TRM T1 SPL TAN	EACH	8	
63200310	GUARDRAIL REMOVAL	FOOT	1917	
67100100	MOBILIZATION	L SUM	1	
70300220	TEMPORARY PAVEMENT MARKING-LINE, 4"	FOOT	2120	
78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	61600	
X2010400	STUMP REMOVAL ONLY	UNIT	332	
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	*
Z0012755	STRUCTURAL REPAIR OF CONCRETE (GREATER THAN 5")	SQ FT	12	*
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	
Z0026408	TEMPORARY SHEET PILING (SPECIAL)	SQ FT	988	*
Z0034105	MATERIAL TRANSFER DEVICE	TON	9224	*
Z0054500	ROCK FILL	TON	158	*

DESIGNED -- PGS	EXAMINED	DATE
CHECKED -- PGS/JFS	ACTING ENGINEER OF BRIDGE DESIGN	REVISION
DRAWN -- JLP	PASSED	5-21-19
CHECKED -- PGS/JFS	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

△ SPECIALTY ITEMS
GENERAL NOTES AND SUMMARY OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1371	06-00089-00-RS	MARSHALL	31	2
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	89462	

EARTH WORK	20200100	EMBANKMENT	20400800
	EARTH EXCAVATION	CU YD	FURNISHED EXCAVATION
STA 513+75 TO STA 515+50	154	207	107
STA 638+50 TO STA 640+50	347	576	
STA 682+50 TO STA 685+00	326	546	
STA 699+72 TO STA 713+00	1474	429	
TOTALS	2301	1758	107

25000300 SEEDING, CLASS 3	
STA 513+85 TO STA 515+70	0.11 ACRES
STA 638+20 TO STA 640+60	0.22 ACRES
STA 682+90 TO STA 685+00	0.13 ACRES
STA 703+00 TO STA 711+12	0.30 ACRES
TOTAL	0.76 ACRES

25000400 NITROGEN FERTILIZER NUTRIENT	
STA 513+85 TO STA 515+70	10 POUNDS
STA 638+20 TO STA 640+60	20 POUNDS
STA 682+90 TO STA 685+00	12 POUNDS
STA 703+00 TO STA 711+12	27 POUNDS
TOTAL	69 POUNDS

25000500 PHOSPHORUS FERTILIZER NUTRIENT	
STA 513+85 TO STA 515+70	10 POUNDS
STA 638+20 TO STA 640+60	20 POUNDS
STA 682+90 TO STA 685+00	12 POUNDS
STA 703+00 TO STA 711+12	27 POUNDS
TOTAL	69 POUNDS

25000600 POTASSIUM FERTILIZER NUTRIENT	
STA 513+85 TO STA 515+70	10 POUNDS
STA 638+20 TO STA 640+60	20 POUNDS
STA 682+90 TO STA 685+00	12 POUNDS
STA 703+00 TO STA 711+12	27 POUNDS
TOTAL	69 POUNDS

25100115 MULCH METHOD 2	
STA 513+85 TO STA 515+70	0.11 ACRES
STA 638+20 TO STA 640+60	0.22 ACRES
STA 682+90 TO STA 685+00	0.13 ACRES
STA 703+00 TO STA 711+12	0.30 ACRES
TOTAL	0.76 ACRES

40600275 BITUMINOUS MATERIALS (PRIME COAT)		
LOCATION	SQ YD	POUND
SHLDR QUANTITIES TBL (SHT 4)	3032	6822
ENTRANCE TBL (SHT 19)	622	1400
MAILBOX TBL (SHT 19)	50	113
TOTALS	3704	8335

40600982 HMA SURFACE REMOVAL MILLING	
STA 500+50 TO STA 500+70	49
STA 712+26 TO STA 712+46	49
TOTALS	98

PAVING QUANTITIES 40600627 LEVELING BINDER (MACHINE METHOD) IL-9.5 FG N50 *				
LOCATION	LENGTH FOOT	WIDTH	SQ YD	TON
STA 500+50 TO STA 501+10	60			24
STA 501+10 TO STA 552+94	5184	22.375	12888	1191
STA 552+94 TO STA 585+42	3248	22.375	8075	746
STA 585+50 TO STA 605+78	2028	22.375	5042	466
STA 605+78 TO STA 659+28	5350	22.375	13301	1229
STA 659+28 TO STA 666+98	770	22.375	1914	177
STA 666+98 TO STA 711+86	4488	22.375	11158	1031
STA 711+86 TO STA 712+46	60		24	2
SUBTOTAL	21188			4844

ENTRANCE TBL (SHT 19)	25
MAILBOX TURNOUT TBL (SHT 19)	4
TOTALS	4873

* INCLUDES 10% ADDITIONAL LEVELING BINDER TO ACHIEVE PROFILE PAVING QUANTITIES 40603110 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50				
LOCATION	LENGTH FOOT	WIDTH	SQ YD	TON
STA 500+50 TO STA 501+10	60		147	15
STA 501+10 TO STA 552+94	5184	22.125	12744	1070
STA 552+94 TO STA 585+42	3248	22.125	7985	671
STA 585+50 TO STA 605+78	2028	22.125	4986	419
STA 605+78 TO STA 659+28	5350	22.125	13152	1105
STA 659+28 TO STA 666+98	770	22.125	1893	159
STA 666+98 TO STA 711+86	4488	22.125	11033	927
STA 711+86 TO STA 712+46	60		147	15
SUBTOTAL	21168			4381

ENTRANCE TBL (SHT 19)	35
MAILBOX TURNOUT TBL (SHT 19)	4
TOTALS	4420

PAVING QUANTITIES 40600295 POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)			
LOCATION	LENGTH FOOT	SQ YD	POUND
STA 500+50 TO STA 501+10	60	171	123
STA 501+10 TO STA 552+94	5184	25632	18455
STA 552+94 TO STA 585+42	3248	16060	11563
STA 585+50 TO STA 605+78	2028	10027	7219
STA 605+78 TO STA 659+28	5350	26453	19046
STA 659+28 TO STA 666+98	770	3807	2741
STA 666+98 TO STA 711+86	4488	22191	15978
STA 711+86 TO STA 712+46	60	171	123
SUBTOTAL	21168		75248
PAVING, SIDEROAD TBL (SHT 4)		815	587
ENTRANCE TBL (SHT 19)		1244	896
MAILBOX TURNOUT TBL (SHT 19)		100	72
TOTALS			76803

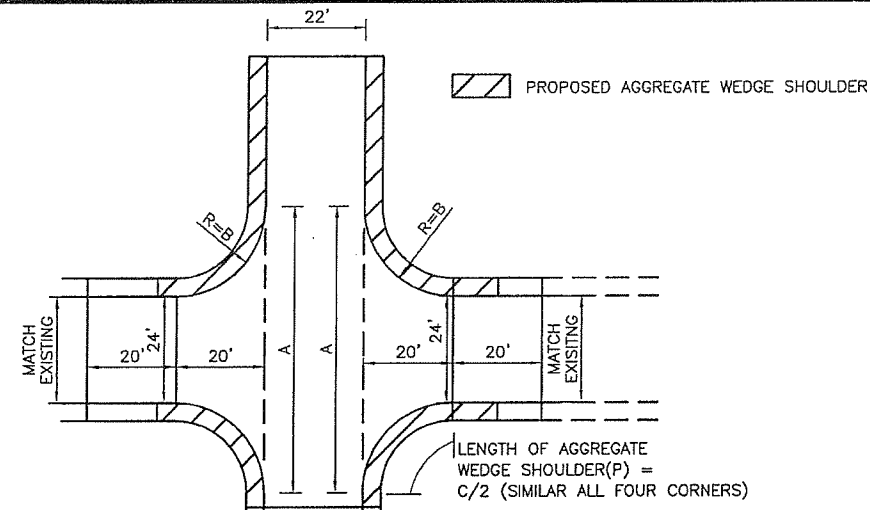
PAVING QUANTITIES Z003415 MATERIAL TRANSFER DEVICE		
LOCATION	LENGTH FOOT	TON
STA 500+50 TO STA 501+10	60	17
STA 501+10 TO STA 552+94	5184	2261
STA 552+94 TO STA 585+42	3248	1417
STA 585+50 TO STA 605+78	2028	885
STA 605+78 TO STA 659+28	5350	2334
STA 659+28 TO STA 666+98	770	336
STA 666+98 TO STA 711+86	4488	1958
STA 711+86 TO STA 712+46	60	17
TOTALS	21168	9225

PAVEMENT MARKING	780001110					70300220	
	PAINT PAVEMENT MARKING--LINE 4"					TEMPORARY PAVEMENT MARKING--LINE 4"	
	DISTANCE	YELLOW		WHITE		YELLOW	
		SKIP DASH	SOLID	GAPS	EDGE OF ROAD	4' PER 40'	
LOCATION	FOOT	FOOT	FOOT	FOOT	FOOT		
STA 500+50 TO STA 526+65	2615	650	1700	25	5200		
STA 526+65 TO STA 552+94	2629	650	1700	50	5200		
STA 552+94 TO STA 585+42	3248	810	2200	25	6470		
STA 585+50 TO STA 605+78	2028	500	1300	25	4030		
STA 605+78 TO STA 666+98	6120	1530	4200	75	12160		
STA 666+98 TO STA 712+46	4548	1130	3100	25	9070		
SUBTOTALS		5270	14200	TOTAL YELLOW	42130		
		TOTAL WHITE	19470				
		PROJECT TOTAL		61600	2120		

63200310 GUARDRAIL REMOVAL	
STA 513+34 RT. TO STA 515+12 RT.	128 FOOT
STA 514+27 LT. TO STA 515+55 LT.	128 FOOT
STA 576+05 RT. TO STA 579+62 RT.	377 FOOT
STA 577+25 LT. TO STA 580+77 LT.	352 FOOT
STA 676+66 RT. TO STA 680+68 RT.	402 FOOT
STA 677+67 LT. TO STA 680+45 LT.	278 FOOT
STA 881+40 RT. TO STA 883+92 RT.	252 FOOT
TOTAL	1917 FOOT

	63100167 TRF TRM T1 SPL TAN	63000001 SPBGR TYA 6FT POSTS	DISTANCE Q TO FACE
STA 572+58 RT. TO STA 573+08 RT.	1 EACH		17 FOOT
STA 573+08 RT. TO STA 575+83 RT.		275 FOOT	
STA 575+83 RT. TO STA 576+33 RT.	1 EACH		
STA 573+78 LT. TO STA 574+28 LT.	1 EACH		17 FOOT
STA 574+28 LT. TO STA 576+78 LT.		250 FOOT	
STA 576+78 LT. TO STA 577+28 LT.	1 EACH		
STA 676+66 RT. TO STA 677+16 RT.	1 EACH		15 FOOT
STA 677+16 RT. TO STA 680+16 RT.		300 FOOT	
STA 680+16 RT. TO STA 680+66 RT.	1 EACH		
STA 677+70 LT. TO STA 678+20 LT.	1 EACH		15 FOOT
STA 678+20 LT. TO STA 679+95 LT.		175 FOOT	
STA 679+95 LT. TO STA 680+45 LT.	1 EACH		
TOTAL	8	1000 FOOT	

28100125 STONE RIPRAP, CLASS B3							
	L FOOT	A FOOT	B FOOT	C FOOT	D	E	AREA SQ YD
STA 639+10 R42' TO STA 639+40 R58'	34	2	4	6	2	3	82
STA 639+15 L32' TO STA 639+29 L30'	16	2	8	4	FLAT	2	25
STA 683+50 R35' TO STA 683+93 R50'	46	2	3	6	2	3	66
TOTAL							173



PAVING, SIDEROAD	MILE MARKER	WIDTH	A	B	AREA	40800050 INCIDENTAL HMA
		FOOT	FOOT	FOOT	SQ YD	TON
IL RTE 17	STA 499+91	0.00				
LEFT						
TR17 700N	STA 526+65 LT	0.51	24	74	25	136
TR 79 650N GIMLET RD	STA 552+94 LT	1.00	24	64	20	126
TR 85 550N	STA 605+78 LT	2.01	24	64	20	126
RIGHT						
TR 79 650N GIMLET RD	STA 552+94 RT	1.00	24	104	40	183
TR 85 550N	STA 605+78 RT	2.01	24	56	16	119
TR 95A STEUBEN	STA 666+98 RT	3.16	24	64	20	126
					INTERSECTION TOTAL	815
						91

NOTE: ASPHALT THICKNESS SHOWN IN SIDEROAD TAPER DETAILS

EROSION CONTROL--PERIMETER	28000400 PERIMETER EROSION CONTROL
LOCATION	FOOT
PLAN & PROFILE SHEET 8	
RIGHT STA 514+00 TO STA 515+40	142
LEFT STA 514+00 TO STA 515+40	142
PLAN & PROFILE SHEET 9	
RIGHT STA 638+20 TO STA 640+40	276
LEFT STA 638+20 TO STA 639+25	121
PLAN & PROFILE SHEET 10	
RIGHT STA 682+90 TO STA 684+80	215
LEFT STA 682+90 TO STA 683+56	66
LEFT STA 684+12 TO STA 684+63	51
PLAN & PROFILE SHEET 12	
RIGHT STA 703+00 TO STA 708+50	560
PLAN & PROFILE SHEET 13	
RIGHT STA 708+50 TO STA 711+20	270
TOTAL	1843

STORM SEWER	5405059	60100935	60218300	6023880
LOCATION	PIPE CULVERT, SPECIAL 24"	PIPE DRAIN, 10"	MANHOLE, TYPE A, 4' DIA TYPE1 FRAME OPEN LID	INLETS, TYPE A
	FOOT	FOOT	EACH	EACH
P&P STRUCTURE 3480 (SHT 8)	STA 514+69, L43			1
P&P STRUCTURE 3483 (SHT 9)	STA 639+12, L26 TO STA 639+10, L45	20		
P&P STRUCTURE 3484 (SHT 10)	STA 684+13, R50 TO STA 684+60 R23	58		
P&P STRUCTURE 3484 (SHT 10)	STA 684+62 R23		1	
TOTAL	58	20	1	1

RIGHT SHOULDER		48102100	48203009	35100500	48101500	
STATION	FEET	WEDGE SHLDRS, TY B	HMA SHLDRS, 3"	AGG BASE CSE 6"	AGG SHLDRS, TY B 6"	
RIGHT	TN/FT =	TON	SQ YDS	SQ YDS	FOOT WIDTH	SQ YD AREA
500 + 50						
501 + 00	50	3				
514 + 00	1300	83				
515 + 25	125	STR 3480			6	83
524 + 05	880					
524 + 45	40	ENTR GRVL				
528 + 28	383		25			
528 + 72	44	ENTR GRVL				
529 + 30	58		4			
529 + 52	22	ENTR BIT				
539 + 76	1024		66			
540 + 06	30	FE GRVL				
540 + 99	93		6			
541 + 35	36	ENTR GRVL				
552 + 94	1159		74			
552 + 94	1284	650N	82			
565 + 78	26	FE DIRT				
566 + 04	117		7			
567 + 21	44	ENTR GRVL				
567 + 65	1203			535	602	
579 + 68	574		37			
585 + 42	8	STA EQ				
585 + 50	82		5			
586 + 32	46	ENTR GRVL	3			
586 + 78	123		8			
588 + 01	26	ENTR GRVL				
588 + 27	1751		112			
605 + 78	1798	550N	115			
623 + 76	24	FE GRVL				
624 + 00	1440		92			
638 + 40	200	STR 3483			6	133
640 + 40	261		17			
643 + 01	807			359	404	
651 + 08	38	ENTR GRVL				
651 + 46	1552		99			
666 + 98	851	STEUBEN	54			
675 + 49	34	ENTR GRVL				
675 + 83	717			319	359	
683 + 00	163	STR 3484	72	82	2	36
684 + 63	22	ENTR BIT				
684 + 85	15		7	8		
685 + 00	172		76	86		
686 + 72	22	ENTR BIT				
686 + 94	844		54			
695 + 38	40	ENTR GRVL				
695 + 78	55		4			
696 + 33	30	ENTR CONC				
696 + 63	39		2			
697 + 02	30	ENTR CONC				
697 + 32	98		6			
698 + 30	28	ENTR DRT				
698 + 58	164		10			
700 + 22	328		21			
703 + 50	720				4	320
710 + 70	176		11			
712 + 46						
TOTALS		1058	1368	1539		573

LEFT SHOULDER		48102100	48203009	35100800	48101500		
STATION	FEET	AGG WEDGE SHLDRS, TY B	HMA SHLDRS, 3"	AGG BASE CSE B 6"	AGG SHLDRS B 6"		
LEFT	TN/FT =	TON	SQ YDS	SQ YDS	FOOT WIDTH	SQ YD AREA	
500 + 50							
501 + 00	50	3					
501 + 67	67	4					
502 + 27	205	ENTR GRVL	13				
504 + 32	40	ENTR GRVL					
504 + 72	928		59				
514 + 00	125				6	83	
515 + 25	1140		73				
526 + 65	2629	700N	168				
552 + 94	1587	650N	102				
568 + 81	34	FE GRVL					
569 + 15	151		10				
570 + 66	30	ENTR GRVL					
570 + 96	872			388	436		
579 + 68	444		28				
584 + 12	14	FE DIRT					
584 + 26	116		7				
585 + 42	8	STA EQ					
585 + 50	2028			901	1014		
605 + 78	2152	550N	138				
627 + 30	12	ENTR DRT					
627 + 42	1108		71				
638 + 50	43		3				
638 + 93	34	ENTR DRT					
639 + 27	73		59				
640 + 00	281		18				
642 + 81	20	ENTR GRVL					
643 + 01	216		14				
645 + 17	74	ENTR GRVL					
645 + 91	294	STR 3483			6	196	
648 + 85	20	ENTR DRT					
649 + 05	255			113	128		
651 + 60	1059		68				
662 + 19	22	FE GRVL					
662 + 41	1328		85				
675 + 69	20	ENTR GRVL					
675 + 89	465			207	233		
680 + 54	20		1				
680 + 74	226		14				
683 + 00	56	STR 3484		25	28	2	12
683 + 56	56	ENTR BIT					
684 + 12	69	STR 3484		31	35	2	15
684 + 81	208		13				
686 + 89	18	ENTR DRT					
687 + 07	165		11				
688 + 72	20	FE DIRT					
688 + 92	290		19				
691 + 82	24	FE DIRT					
692 + 06	816		52				
700 + 22	328		21				
703 + 50	812		52				
711 + 62	42	FE GRVL					
712 + 04	142		9				
712 + 46							
TOTALS LEFT		1115	1664	1873		306	
TOTALS RIGHT		1838	1368	1539		573	
ENTRANCE TABLE (SHT 19)						60	
SHOULDER TOTAL		2173	3032	3411		939	

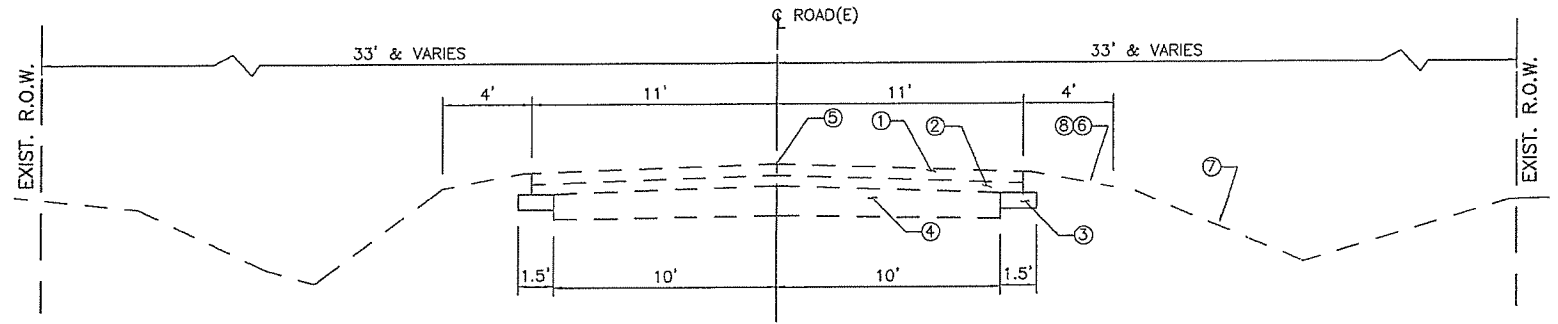
DESIGNED -- PGS	EXAMINED	DATE
CHECKED -- PGS	ACTING ENGINEER OF BRIDGE DESIGN	REVISED
DRAWN -- JLP	PASSED	REVISED
CHECKED -- PGS	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

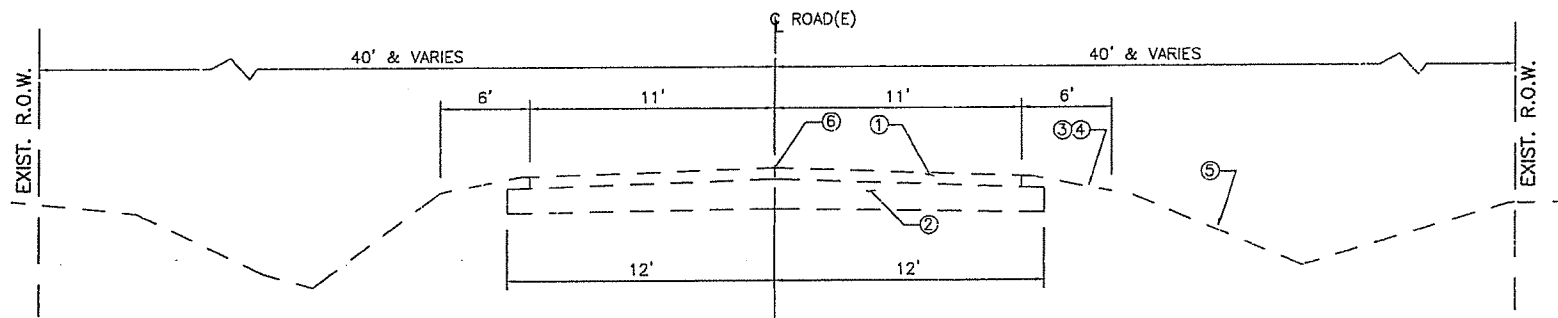
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1371	06-00089-00-RS	MARSHALL	31	4
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	89462	

EROSION CONTROL--DITCH CHECKS			HEIGHT OF DITCH CHECK (CENTER)	MAX SPACING AT MAX SLOPE	28000305
LOCATION		MAX SLOPE			TEMPORARY DITCH CHECKS
PLAN & PROFILE SHEET 8					FOOT
RIGHT	STA 514+00 TO STA 514+67	2.60%	1	40	
	STA 514+35				9.5
RIGHT	STA 514+71 TO STA 515+11	3.20%	1	25	
	STA 514+80				9.5
LEFT	STA 514+00 TO STA 514+67	4.40%	1	23	
	STA 514+30				9.5
	STA 514+53				9.5
LEFT	STA 514+71 TO STA 515+30	6%	1	17	
	STA 515+13				9.5
	STA 514+96				9.5
	STA 514+79				9.5
PLAN & PROFILE SHEET 9					
RIGHT	STA 638+75 TO STA 639+10	6%	1	17	
	STA 638+90				9.5
	STA 639+07				9.5
LEFT	STA 638+70 TO STA 639+00	4%	1	25	
	STA 638+85				9.5
PLAN & PROFILE SHEET 10					
RIGHT	STA 682+90 TO STA 683+50	8%	1	13	
	STA 683+02				9.5
	STA 683+19				9.5
	STA 683+32				9.5
	STA 683+45				9.5
PLAN & PROFILE SHEET 12					
RIGHT	STA 703+00 TO STA 703+59	6.40%	1	16	
	STA 703+25				11
	STA 703+42				11
RIGHT	STA 703+63 TO STA 708+50	0.40%	1	100	
	STA 704+63				11
	STA 705+63				11
	STA 706+63				11
	STA 707+63				11
RIGHT	STA 708+50 TO STA 711+20	0.74%	1	100	
	STA 708+63				11
	STA 709+63				11
	STA 710+63				11
	TOTAL				232



- ① EXISTING BIT. CONC. SURF. CRSE., CLASS I 3"
- ② EXISTING BIT. MATERIAL, A-3 PLUS SUCCESSIVE SEALS, 2" AND VARIES
- ③ EXISTING 10" GRAVEL WIDENING
- ④ EXISTING 10" GRAVEL BASE
- ⑤ EXISTING 2 3/4" STRAIGHT LINE CROWN IN 11'
- ⑥ MAX SLOPE 1"/FT
- ⑦ 2:1 & VARIES
- ⑧ EARTH SHOULDERS

EXISTING TYPICAL SECTION
 STA. 500+50 TO STA. 571+00
 STA. 586+00 TO STA. 712+24



- ① EXISTING BIT. CONC. SURF. CRSE., CLASS I 3"
- ② EXISTING 10" GRAVEL BASE
- ③ MAX SLOPE 1"/FT
- ④ EARTH SHOULDERS
- ⑤ FRONT SLOPE
3:1 (2:1 OVER 10')
BACK SLOPE
3:1 (2:1 OVER 6')
- ⑥ EXISTING 2 3/4" STRAIGHT LINE CROWN IN 11'

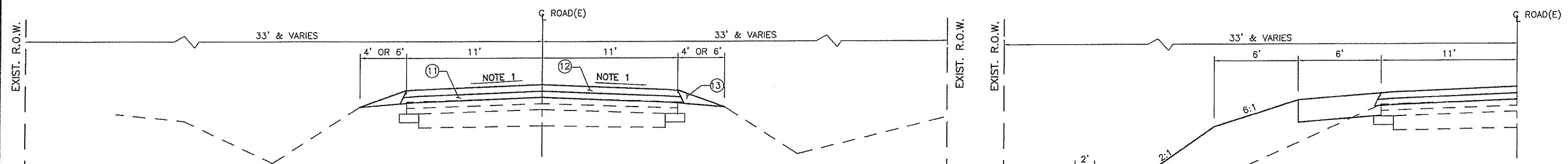
EXISTING TYPICAL SECTION
 STA. 571+00 TO STA. 585+42(BK)
 STA. 585+50(AH) TO STA. 586+00

DESIGNED -- PGS	EXAMINED	DATE
CHECKED -- PGS	ACTING ENGINEER OF BRIDGE DESIGN	REVISED 1 5-21-19
DRAWN -- JLP	PASSED	REVISED
CHECKED -- PGS	ACTING ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 EXISTING TYPICAL SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1371	06-00089-00-RS	MARSHALL	31	5
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 89462	



- ① PROPOSED LEVELING BINDER, 1 1/2"
- ② PROPOSED HMA SURFACE MIX "C" N50, 1 1/2"
- ③ SEE NOTE 2

PROPOSED TYPICAL RESURFACING SECTION

STA. 501+10 TO STA. 585+42(BK)
 STA. 585+50(AH) TO STA. 711+86

PROPOSED TRANSITION

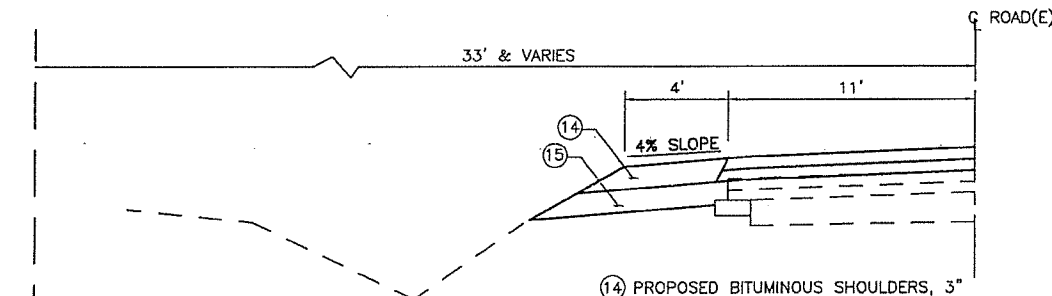
STA. 500+50 TO STA. 501+10
 STA. 711+86 TO STA. 712+46

PROPOSED EMBANKMENT RECONSTRUCTION

LEFT AND RIGHT STA. 514+00 TO STA. 515+25
 LEFT STA. 638+40 TO STA. 639+50
 RIGHT STA. 638+40 TO STA. 640+40
 LEFT STA. 683+00 TO STA. 683+63
 RIGHT STA. 683+00 TO STA. 684+80

PROPOSED TRANSITION

LEFT AND RIGHT STA. 513+85 TO STA. 514+00
 LEFT AND RIGHT STA. 515+25 TO STA. 515+40
 LEFT AND RIGHT STA. 638+20 TO STA. 638+40
 LEFT AND RIGHT STA. 682+90 TO STA. 683+00

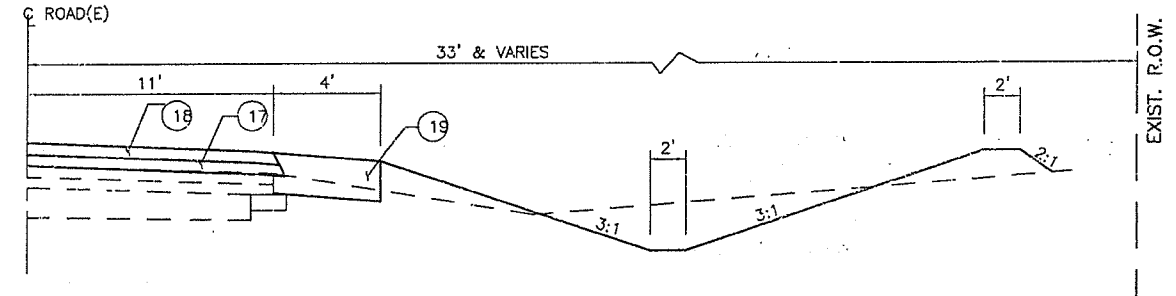


- ⑭ PROPOSED BITUMINOUS SHOULDERS, 3"
- ⑮ PROPOSED AGGREGATE BASE COURSE, 6" INSTALL PRIOR TO ANY ASPHALT PAVING

PROPOSED PAVED SHOULDER

RIGHT STA. 567+65 TO STA. 579+68
 LEFT STA. 570+96 TO STA. 579+68
 LEFT STA. 585+50 TO STA. 605+78
 RIGHT STA. 643+01 TO STA. 651+08
 LEFT STA. 649+05 TO STA. 651+05
 RIGHT STA. 675+83 TO STA. 684+63
 LEFT STA. 675+89 TO STA. 680+54
 RIGHT STA. 684+85 TO STA. 686+72
 LEFT STA. 683+00 TO STA. 683+56
 LEFT STA. 684+12 TO STA. 684+81

CRITERIA FOR RIGHT SIDE BERM BETWEEN STA 703+50 AND STA 710+50
 1. BERM HEIGHT AT STA 703+61 IS SET AT EL 637.8 THE TOP OF BERM (T/B) SHALL TRANSITION TO THE NORTH TO MEET EXISTING GROUND SURFACE AT STA 703+50. TO THE SOUTH FROM STA 703+61, THE TOP OF THE BERM TRANSITION TO EL 637.2 AT STA 703+70.
 2. FROM STA 704+00 TO STA 710+45, THE TOP OF BERM SHALL BE BUILT TO BE FOUR(4') ABOVE THE FLOWLINE OF THE DITCH.



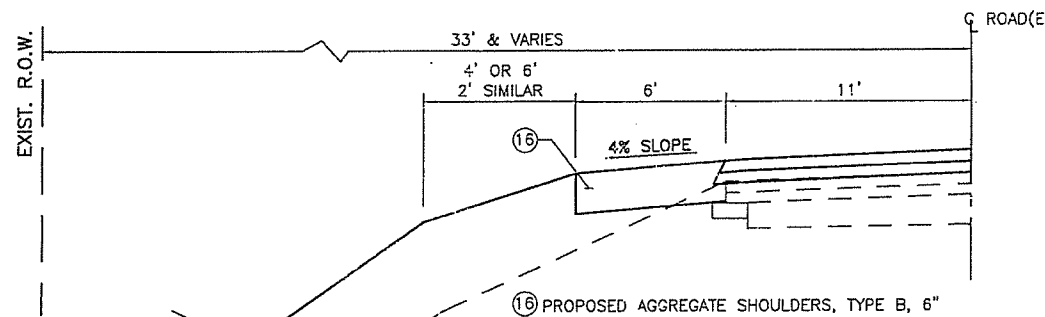
- ⑰ PROPOSED LEVELING BINDER, 1 1/2"
- ⑱ PROPOSED HMA SURFACE MIX "C" N50, 1.1/2"
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

PROPOSED DITCH IMPROVEMENTS

RIGHT STA. 703+50 TO STA. 710+70
PROPOSED TRANSITION
 RIGHT STA. 703+00 TO STA. 703+50
 RIGHT STA. 710+70 TO STA. 711+20

PROPOSED TYPICAL SECTION NOTES:

1. MATCH EXISTING PAVEMENT SLOPE ON CROWN SECTIONS BUT SLOPE SHALL NOT EXCEED 2.0%. MATCH EXISTING PAVEMENT SLOPE IN SUPER ELEVATED SECTIONS AND IN THE TRANSITIONS FROM CROWN TO SUPER ELEVATED.
2. AGGREGATE WEDGE SHOULDERS SHALL BE USED FULL LENGTH EXCEPT OTHERWISE INDICATED BY THE PROPOSED PAVED SHOULDER SECTION OR THE PROPOSED AGGREGATE SHOULDER SECTION.

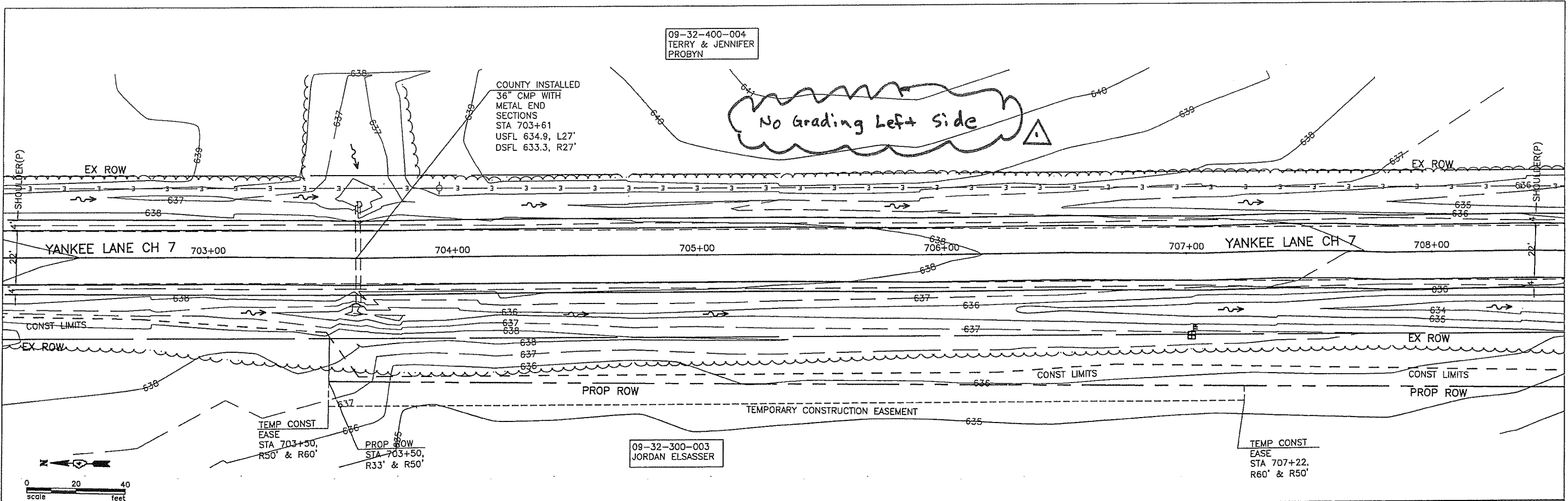


- ⑳ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

PROPOSED AGGREGATE SHOULDERS

LEFT AND RIGHT STA. 514+00 TO STA. 515+25 (6' WIDE)
 LEFT AND RIGHT STA. 638+40 TO STA. 640+40 (6' WIDE)
 RIGHT STA. 683+00 TO STA. 684+63 (2' WIDE)
 LEFT STA. 683+00 TO STA. 683+56 (2' WIDE)
 LEFT STA. 684+12 TO STA. 684+81 (2' WIDE)
 LEFT AND RIGHT STA. 703+50 TO STA. 710+70 (4' WIDE)

DESIGNED -- PGS	EXAMINED	DATE	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED -- PGS	ACTING ENGINEER OF BRIDGE DESIGN	REVISED			1371	06-00089-00-RS	MARSHALL	31	6
DRAWN -- JLP	PASSED	REVISED			FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	89462	
CHECKED -- PGS	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED							



09-32-400-004
TERRY & JENNIFER
PROBYN

COUNTY INSTALLED
36" CMP WITH
METAL END
SECTIONS
STA 703+61
USFL 634.9, L27'
DSFL 633.3, R27'

No Grading Left Side

09-32-300-003
JORDAN ELSASSER

TEMP CONST
EASE
STA 707+22,
R60' & R50'

TEMP CONST
EASE
STA 703+50,
R50' & R60'

PROP ROW
STA 703+50,
R33' & R50'

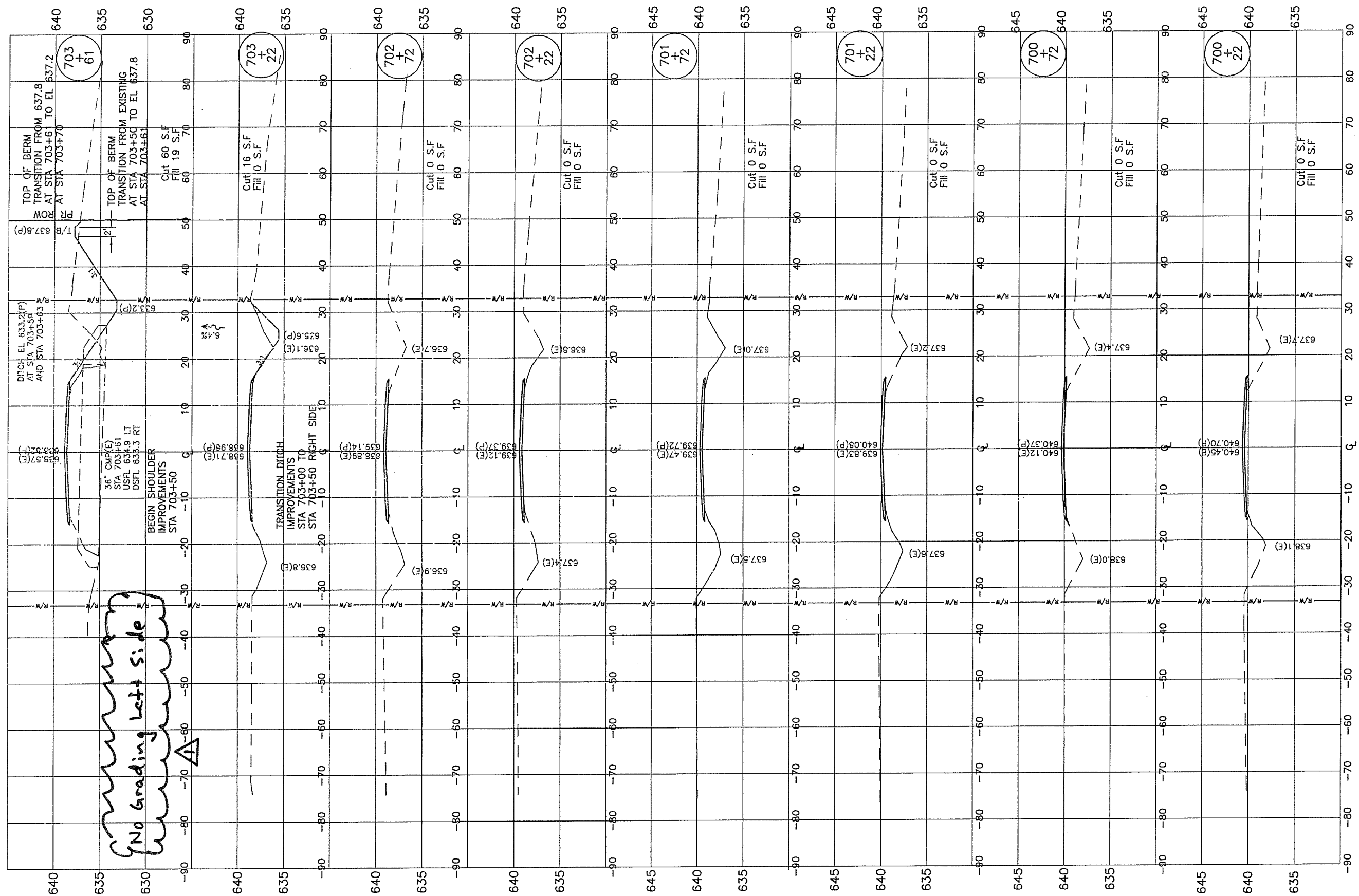
NO EARTHWORK IMPROVEMENTS LEFT SIDE										BEGIN SHOULDER IMPROVEMENTS STA 703+50 LEFT & RIGHT TRANSITION STA 703+00 TO STA 703+50									
										C ROAD PROFILE(P) C ROAD PROFILE(E)									
R DITCH(E)										R DITCH(P) 0.4%									
+00 R MATCH EXIST										36" CMP STA 703+61 USFL 634.9 DSFL 633.3									
+22 R DITCH 635.6(P)																			
+59 R DITCH 633.2(P)																			
+63 R DITCH 633.2(P)																			
										CRITERIA FOR RIGHT SIDE BERM BETWEEN STA 703+50 AND STA 710+50 1. BERM HEIGHT AT STA 703+61 IS SET AT EL 637.8 THE TOP OF BERM (T/B) SHALL TRANSITION TO THE NORTH TO MEET EXISTING GROUND SURFACE AT STA 703+50. TO THE SOUTH FROM STA 703+61, THE TOP OF THE BERM TRANSITION TO EL 637.2 AT STA 703+70. 2. FROM STA 704+00 TO STA 710+45, THE TOP OF BERM SHALL BE BUILT TO BE FOUR(4') ABOVE THE FLOWLINE OF THE DITCH.									

639.04(E)	639.29(P)	638.95(E)	639.20(P)	638.86(E)	639.11(P)	638.79(E)	639.04(P)	638.72(E)	638.97(P)	638.65(E)	638.90(P)	638.58(E)	638.83(P)	638.57(E)	638.82(P)	638.57(E)	638.82(P)	638.52(E)	638.77(P)	638.47(E)	638.72(P)	638.41(E)	638.66(P)	638.35(E)	638.60(P)	638.29(E)	638.54(P)	638.23(E)	638.48(P)	638.18(E)	638.43(P)	638.14(E)	638.39(P)	638.07(E)	638.32(P)	637.98(E)	638.23(P)	637.90(E)	638.15(P)	637.79(E)	638.04(P)	637.66(E)	637.91(P)	637.52(E)	637.77(P)	637.41(E)	637.66(P)	637.29(E)	637.54(P)	637.07(E)	637.32(P)	636.95(E)	637.20(P)	636.77(E)	637.02(P)	636.59(E)	636.84(P)	636.40(E)	636.65(P)	636.18(E)	636.43(P)
702+20	702+40	702+60	702+80	703+00	703+20	703+40	703+60	703+80	704+00	704+20	704+40	704+60	704+80	705+00	705+20	705+40	705+60	705+80	706+00	706+20	706+40	706+60	706+80	707+00	707+20	707+40	707+60	707+80	708+00	708+20	708+40																														

DESIGNED - PGS	EXAMINED	DATE	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE STA. 702+20 TO STA. 708+40	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - PGS	PASSED	REVISED			1371	06-00089-00-RS	MARSHALL	31	11
DRAWN - JLP		15-21-19			FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 89462		

FINAL SURVEY	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	

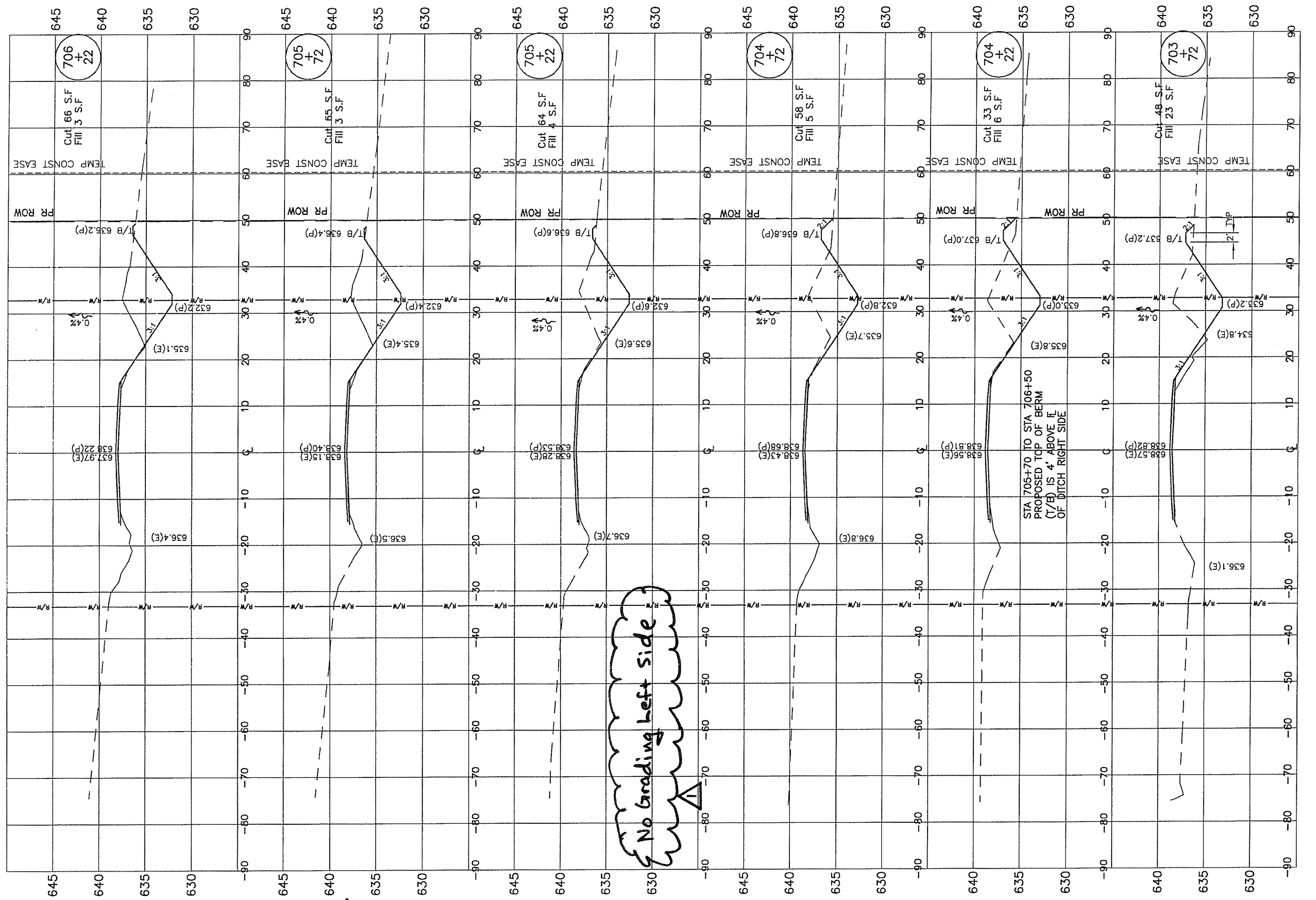
ORIGINAL SURVEY	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	



FILE NAME =	USER NAME	DESIGNED PGS	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS YANKEE LANE	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MODEL NAME	PLOT SCALE	CHECKED PGS	REVISIONS			1371	06-00089-00-RS	MARSHALL	31	28	
	PLOT DATE	DRAWN JLP	REVISIONS			SCALE: H:1"=10' V:1"=5' SHEET x OF x SHEETS (STA. 700+22 TO STA. 703+61)					
		CHECKED PGS	REVISIONS			ILLINOIS CONTRACT NO. 89462					

FINAL SURVEY	REVISIONS	DATE
NO.	BY	
DATE		
BY		

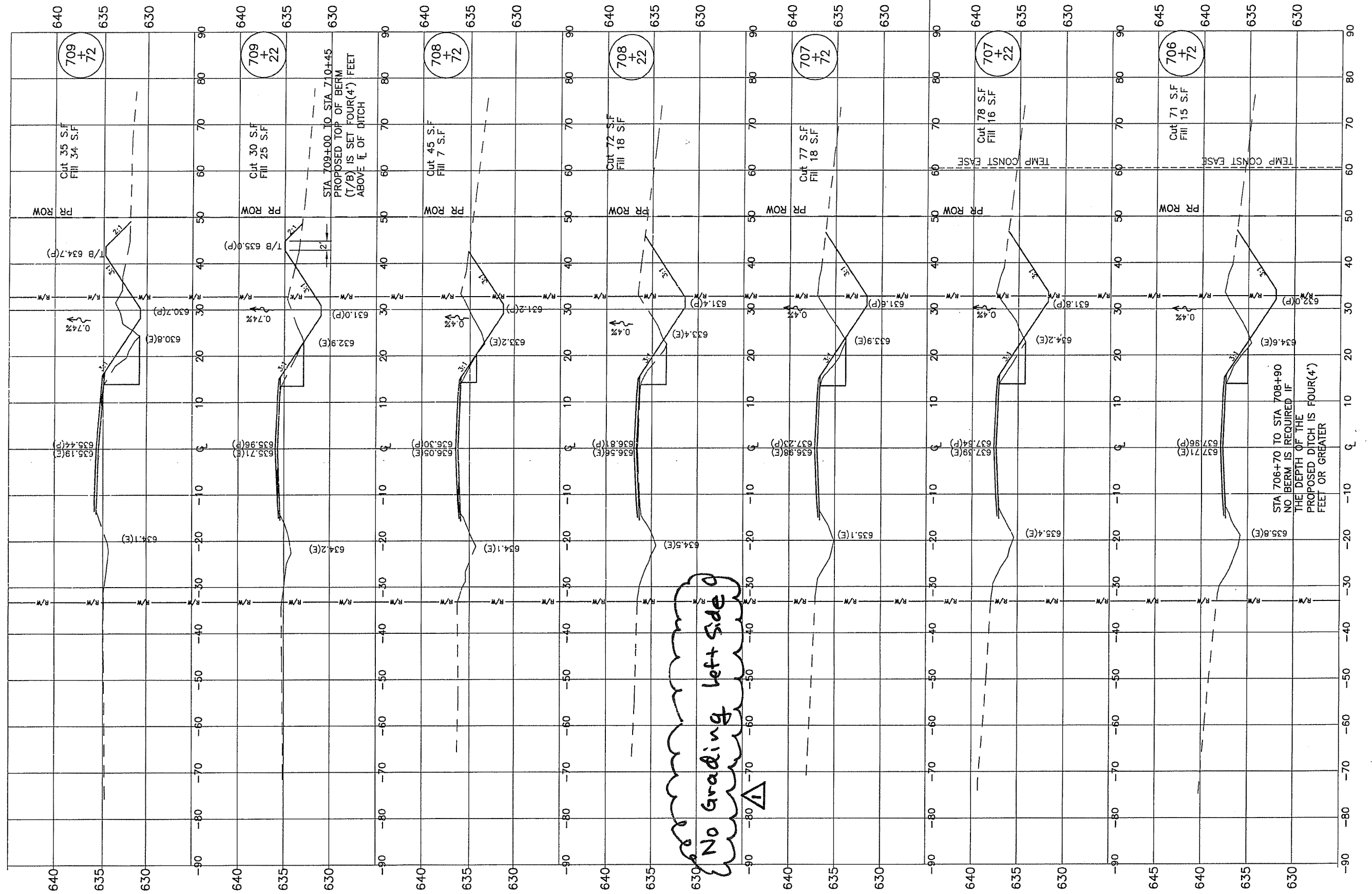
ORIGINAL SURVEY	REVISIONS	DATE
NO.	BY	
DATE		
BY		



FILE NAME =	USER NAME	DESIGNED PGS	REVISED PGS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS YANKEE LANE	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME		CHECKED PGS	REVISED PGS	5-21-19		1371	06-00089-00-RS	MARSHALL	31	29
	PLOT SCALE	DRAWN JLP	REVISED			SCALE: H:1"=10' V:1"=5' SHEET x OF x SHEETS [STA. 703+72 TO STA. 706+22]				
	PLOT DATE	CHECKED PGS	REVISED			FED. ROAD DIST. NO. ILLINOIS CONTRACT NO. 89462				

FINAL SURVEY	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPERATURE	
	ADJUSTED	
	RECHECKED	

ORIGINAL SURVEY	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPERATURE	
	ADJUSTED	
	RECHECKED	



FILE NAME =

USER NAME	DESIGNED	PGS	REVISED
	CHECKED	PGS	REVISED
PLOT SCALE	DRAWN	JLP	REVISED
PLOT DATE	CHECKED	PGS	REVISED

5-21-19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

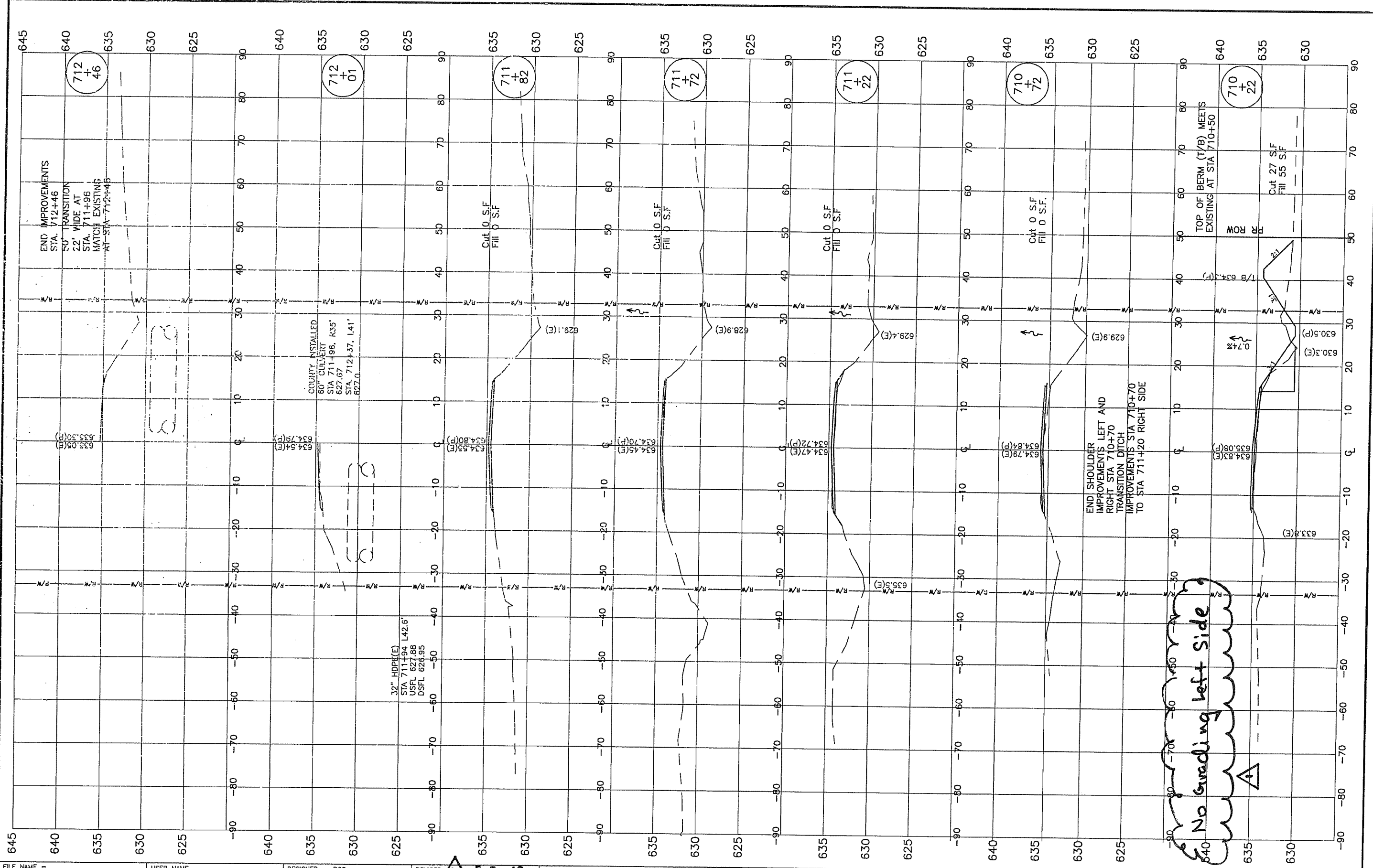
CROSS SECTIONS
YANKEE LANE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1371	06-00089-00-RS	MARSHALL	31	30

SCALE: H:1"=10' V:1"=5' SHEET x OF x SHEETS | STA. 706+72 TO STA. 709+72 | FED. ROAD DIST. NO. - ILLINOIS CONTRACT NO. B9462

DATE	BY
APPROVED	DATE
SURVEY	NO.
FIELD WORK	NO.
DESIGNED	NO.
DRAWN	NO.
CHECKED	NO.
REVISIONS	NO.

DATE	BY
APPROVED	DATE
SURVEY	NO.
FIELD WORK	NO.
DESIGNED	NO.
DRAWN	NO.
CHECKED	NO.
REVISIONS	NO.



No grading left side

FILE NAME =	USER NAME	DESIGNED PGS	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS YANKEE LANE	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME	DESIGNED PGS	REVISIONS								
DESIGNED PGS	REVISIONS	REVISIONS								

1 5-21-19

SCALE: H:1"=10' V:1"=5' SHEET x OF x SHEETS STA. 710+22 TO STA. 712+46
FED. ROAD DIST. NO. - ILLINOIS CONTRACT NO. 89462