

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	1
		ILLINOIS	CONTRACT NO. 72J16	

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- 53-64 CROSS SECTIONS
- 65-66 STRUCTURE PLANS (065-0016)

DEPARTMENT OF TRANSPORTATION

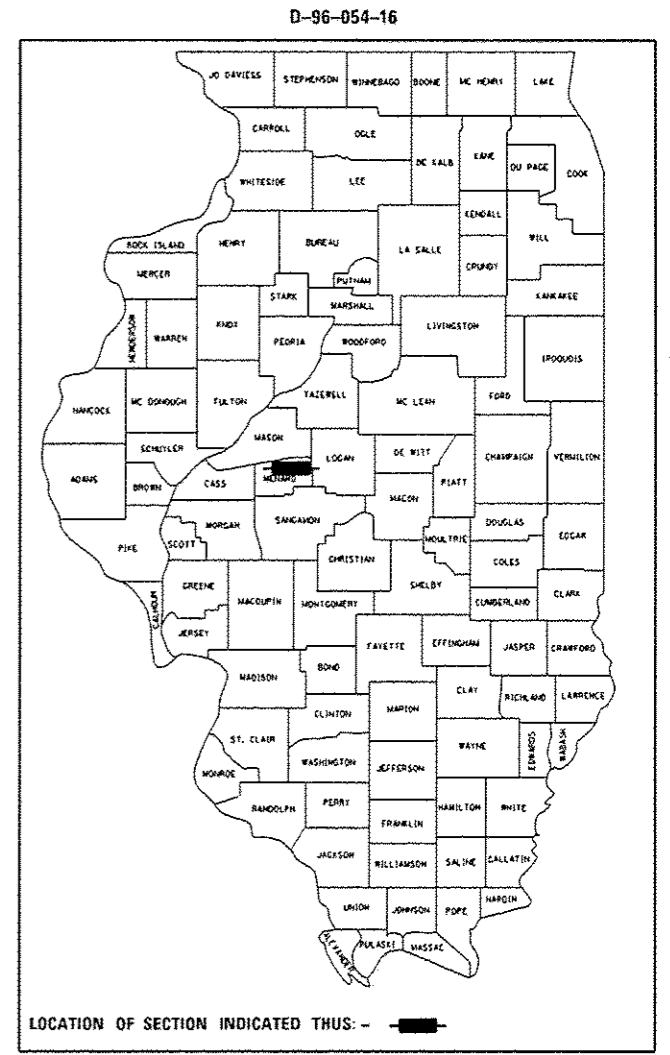
PROPOSED HIGHWAY PLANS

FAP ROUTE 737 (IL 123)
 SECTION (1) RS-4, BRR, BJR, BR
 PROJECT STP-0737(012)
 PPP RESURFACING, BRIDGE REPAIR
 MENARD COUNTY

C-96-054-16

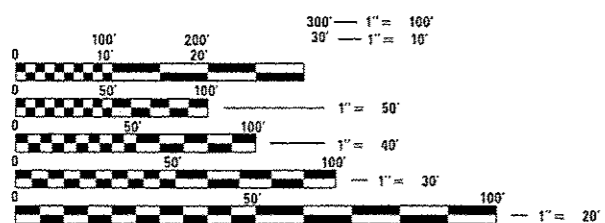
STANDARDS

000001-06	631011-10	701306-03	781001-04
001001-02	631031-15	701311-03	782006
001006	667101-02	701316-11	
442201-03	701001-02	701326-04	
542306-03	701006-05	701801-06	
630001-11	701201-04	701901-06	
630116	701301-04	780001-05	



TRAFFIC COUNT

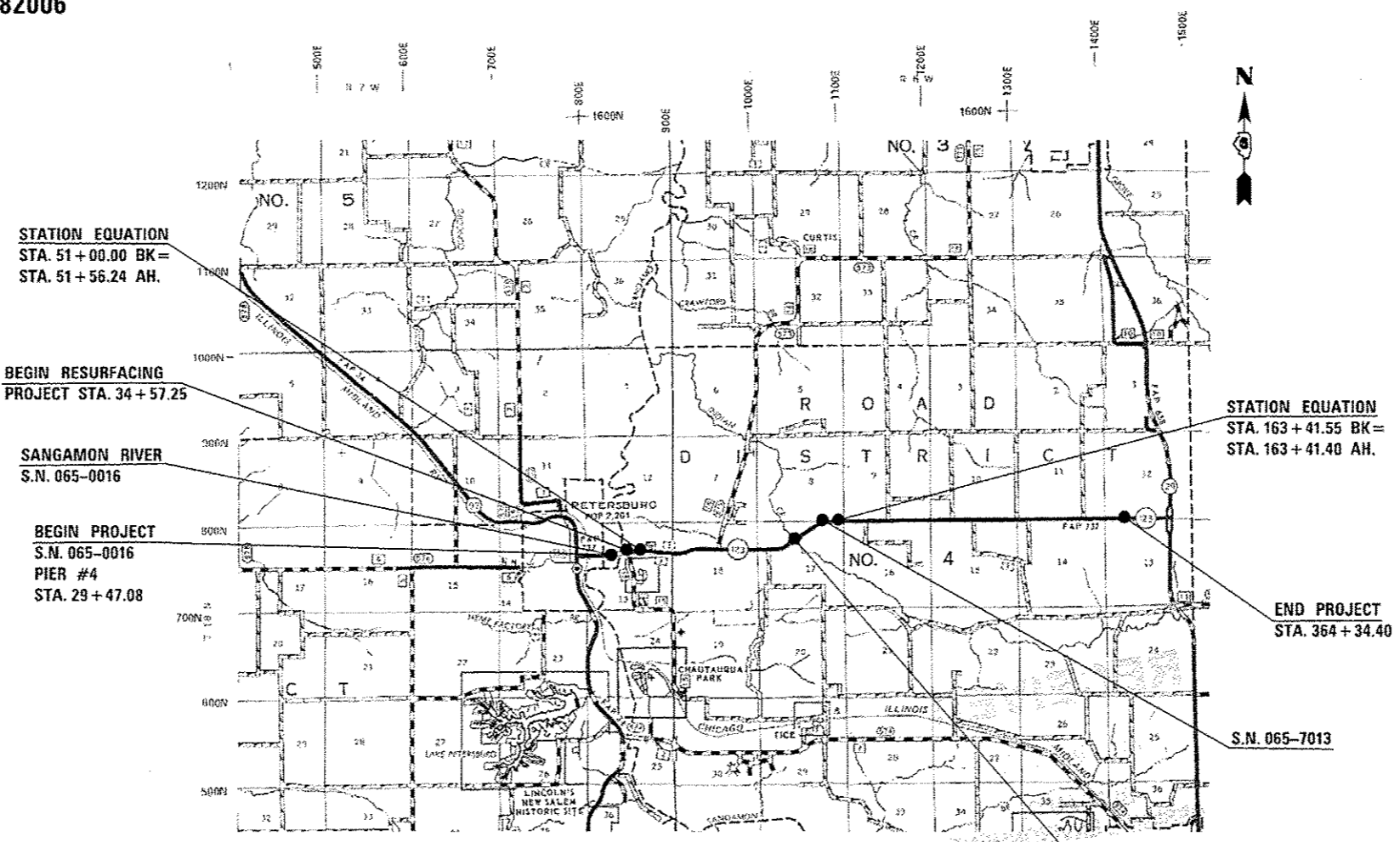
ADT = 4,200 (2015)
 PV = 3,536 (84.2%)
 SU = 450 (10.7%)
 MU = 214 (5.1%)



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

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

PROJECT ENGINEER: JAY EDWARDS (217) 785-0597
 PROJECT MANAGER: JARED MARTIN (217) 524-0064
 CONTRACT NO. 72J16



LOCATION MAP

GROSS LENGTH = 33,487.32 FT. = 6.342 MILES
 NET LENGTH = 32,802.11 FT. = 6.213 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED *3 February 2017*
Stephanie Smith
 REGIONAL ENGINEER

Mar 24 2017
Maureen M. Addis PE
 ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 2017
Tracie Allen
 DIRECTOR OF PROGRAM DEVELOPMENT

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 OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:
 BITUMINOUS CONCRETE SURFACE 0.056 TON/SQ. YD. PER 1"
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
9. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-INSTALL THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
10. WHERE SECTION OR SUB-SECTION MARKERS 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, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
11. LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF ENGINEER DEEMS NECESSARY.
12. NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING. (PH: 217-782-7314)

COMMITMENTS

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	IL 123 MAINLINE
Mixture Use(s):	Surface
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5
Friction Aggregate:	Mix C
Quality Management:	OCP
Sublot Size:	1,000 Tons

Location(s):	IL 123 MAINLINE
Mixture Use(s):	Leveling Binder
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5 FCG
Friction Aggregate:	N/A
Quality Management:	OCP
Sublot Size:	1,000 Tons

Location(s):	ENTRANCES / SHOULDERS / SIDEROADS
Mixture Use(s):	Incidental Surfacing / HMA Shoulders (Top Lift)
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5
Friction Aggregate:	Mix C
Quality Management:	OC / OA
Sublot Size:	N/A

Location(s):	IL 123 MAINLINE / SHOULDERS
Mixture Use(s):	Pavement Patching / HMA Shoulders (Bottom Lift)
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A
Quality Management:	OC / OA
Sublot Size:	N/A

NOTE: The density pay factor for IL-9.5FCG leveling binder will be 100%. Cores shall be obtained at the intervals required by the special provision for HMA-Quality Control for Performance for information only

DISTRICT SIX			
EXAMINED	<i>January 9th</i>	20	<i>17</i>
<i>John C. [Signature]</i>			
OPERATIONS ENGINEER			
EXAMINED	<i>January 6</i>	20	<i>17</i>
<i>Ron [Signature]</i>			
PROJECT IMPLEMENTATION ENGINEER			
EXAMINED	<i>January 19</i>	20	<i>17</i>
<i>Jeffrey P. [Signature]</i>			
PROGRAM DEVELOPMENT ENGINEER			

SUMMARY OF QUANTITIES				0005		0004	0014	
				6-60112-000	6-60112-0400	6-60112-0300	6-60112-0200	6-60112-0100
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE	20% STATE	20% STATE	20% STATE
				ROADWAY	HMA SHOULDER	BOX CULVERT	BRIDGE	BRIDGE
				0005	0005	0004	0014	0014
				RURAL	RURAL	S.N. 065-7013	S.N. 065-0016	S.N. 065-0018
20200100	EARTH EXCAVATION	CU YD	131	131	0	0	0	0
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	40	0	40	0	0	0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	148	0	0	148	0	0
20300100	CHANNEL EXCAVATION	CU YD	148	0	0	148	0	0
20800150	TRENCH BACKFILL	CU YD	9	9	0	0	0	0
21400100	GRADING AND SHAPING DITCHES	FOOT	214	214	0	0	0	0
25000200	SEEDING, CLASS 2	ACRE	0.36	0.33	0	0.03	0	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	32.2	29.5	0	2.7	0	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	32.2	29.5	0	2.7	0	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	32.2	29.5	0	2.7	0	0
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.7	0.64	0	0.06	0	0
25100125	MULCH, METHOD 3	ACRE	0.36	0.33	0	0.03	0	0
28100203	STONE RIPRAP, CLASS A2	TON	61	61	0	0	0	0
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	276	0	0	276	0	0

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SUMMARY OF QUANTITIES				6-60112-000	6-60112-0400	6-60112-0300	6-60112-0200	6-60112-0100
				80% FEDERAL 20% STATE ROADWAY 0005 RURAL	80% FEDERAL 20% STATE HMA SHOULDER 0005 RURAL	80% FEDERAL 20% STATE BOX CULVERT 0004 S. N. 065-7013	80% FEDERAL 20% STATE BRIDGE 0014 S. N. 065-0016	80% FEDERAL 20% STATE BRIDGE 0014 S. N. 065-0018
CODE NO.	ITEM	UNIT	TOTAL QUANTITY					
28200200	FILTER FABRIC	50 YD	356	0	0	356	0	0
35800100	PREPARATION OF BASE	50 YD	266	266	0	0	0	0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	32	32	0	0	0	0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	9	9	0	0	0	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	69101	68804	297	0	0	0
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FC, N50	TON	4057	4057	0	0	0	0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	50 YD	3663	3663	0	0	0	0
40600990	TEMPORARY RAMP	50 YD	789	789	0	0	0	0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	8114	8114	0	0	0	0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	370	370	0	0	0	0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	50 FT	351	351	0	0	0	0
42400800	DETECTABLE WARNINGS	50 FT	10	10	0	0	0	0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	50 YD	27648	27648	0	0	0	0
44000600	SIDEWALK REMOVAL	50 FT	203	203	0	0	0	0

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FILE NAME : \\11084E8D\INTEG\Illinois.gov\PI\DOT\Docu\11084E8D\DOT\District 6\Projects\0672216\shk-500.dgn	USER NAME : Varanskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES FAP 737 (IL 123)					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE * 100.0000 / in.	CHECKED -	REVISED -											
	PLOT DATE * 2/3/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 72J16			
										ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				6-60112-000	6-60112-0400	6-60112-0300	6-60112-0200	6-60112-0100
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE HMA SHOULDER	80% FEDERAL 20% STATE BOX CULVERT	80% FEDERAL 20% STATE BRIDGE	80% FEDERAL 20% STATE BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0005	0004	0014	0014
				RURAL	RURAL	S. N. 065-7013	S. N. 065-0016	S. N. 065-0018
44200202	PAVEMENT PATCHING, TYPE II, 17 INCH	SO YD	100	100	0	0	0	0
44200204	PAVEMENT PATCHING, TYPE III, 17 INCH	SO YD	100	100	0	0	0	0
44200206	PAVEMENT PATCHING, TYPE IV, 17 INCH	SO YD	100	100	0	0	0	0
44201437	CLASS C PATCHES, TYPE II, 17 INCH	SO YD	20	20	0	0	0	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3800	3800	0	0	0	0
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SO YD	1319	0	1319	0	0	0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	636	525	111	0	0	0
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	0	0	0	0
50102400	CONCRETE REMOVAL	CU YD	32.1	0	0	0	32.1	0
50300225	CONCRETE STRUCTURES	CU YD	32.1	0	0	0	32.1	0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4550	0	0	0	4460	90
52100520	ANCHOR BOLTS, 1"	EACH	20	0	0	0	20	0
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	42	42	0	0	0	0
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2	2	0	0	0	0

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SUMMARY OF QUANTITIES				6-60112-000	6-60112-0400	6-60112-0300	6-60112-0200	6-60112-0100
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	HMA SHOULDER	BOX CULVERT	BRIDGE	BRIDGE
				0005	0005	0004	0014	0014
				RURAL	RURAL	S.N. 065-7013	S.N. 065-0016	S.N. 065-0018
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	50	50	0	0	0	0
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	250	250	0	0	0	0
* 63000035	BACK SIDE PROTECTION OF GUARDRAIL	FOOT	38	38	0	0	0	0
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3	0	0	0	0
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6	0	0	0	0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3	0	0	0	0
63200310	GUARDRAIL REMOVAL	FOOT	722	722	0	0	0	0
63200400	CABLE ROAD GUARD REMOVAL	FOOT	100	100	0	0	0	0
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1	0	0	0	0
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	9	9	0	0	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	7.2	1.2	1.2	1.2	1.2
67100100	MOBILIZATION	LSUM	1	0.6	0.1	0.1	0.1	0.1
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1	0	0	0	0	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	0.8	0.1	0	0	0.1

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* SPECIALTY ITEM

FILE NAME :	USER NAME = Varonskiya	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pe:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Da	Documents\DOT Offices\District 6\Projects\0673	DATA\DATA\GAO\sheeta\0672\16-shr-500.dg	REVISED -			737	(1) RS-4, BRR, BJR, BR	MENARD	66	6	
Default	PLOT SCALE = 100.0000 "/ in.	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
	PLOT DATE = 2/2/2017	DATE -	REVISED -			CONTRACT NO. 72J16 ILLINOIS FED. AIG PROJECT					

SUMMARY OF QUANTITIES				6-60112-000	6-60112-0400	6-60112-0300	6-60112-0200	6-60112-0100
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL
				20% STATE	20% STATE	20% STATE	20% STATE	20% STATE
				ROADWAY	HMA SHOULDER	BOX CULVERT	BRIDGE	BRIDGE
				0005	0005	0004	0014	0014
				RURAL	RURAL	S. N. 065-7013	S. N. 065-0016	S. N. 065-0018
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	0.8	0.2	0	0	0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	1	0.8	0.2	0	0	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	0	0	0	0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	60	0	0	0	0	60
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9908	9908	0	0	0	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1091	1091	0	0	0	0
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3	0	0	0	0
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	6953	6953	0	0	0	0
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	203	203	0	0	0	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	291	291	0	0	0	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	27	27	0	0	0	0
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	86377	86377	0	0	0	0
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	93.6	93.6	0	0	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	436	436	0	0	0	0

* SPECIALTY ITEM

005 00 001

SUMMARY OF QUANTITIES				6-60112-000	6-60112-0400	6-60112-0300	6-60112-0200	6-60112-0100
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE HMA SHOULDER	80% FEDERAL 20% STATE BOX CULVERT	80% FEDERAL 20% STATE BRIDGE	80% FEDERAL 20% STATE BRIDGE
				0005 RURAL	0005 RURAL	0004 S. N. 065-7013	0014 S. N. 065-0016	0014 S. N. 065-0018
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	13	13	0	0	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	436	436	0	0	0	0
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	506	506	0	0	0	0
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	73054	73054	0	0	0	0
X4402400	CURB REMOVAL (SPECIAL)	FOOT	631	631	0	0	0	0
X4402720	GUTTER REMOVAL (SPECIAL)	FOOT	130	130	0	0	0	0
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	125	125	0	0	0	0
X7016500	TEMPORARY BRIDGE TRAFFIC SIGNALS (SPECIAL)	EACH	1	0	0	0	0	1
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	11	0	0	0	0	11
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	64	0	0	0	0	64
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	35	0	0	0	0	35
Z0021907	SILICONE JOINT SEALER, 1.75"	FOOT	35	0	0	0	0	35
Z0031200	JACKING AND CRIBBING	EACH	2	0	0	0	2	0
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	34067	34067	0	0	0	0

* SPECIALTY ITEM

PAVEMENT SCHEDULE													
LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	HMA SURF. REMOVAL 1 1/2" & VARIES (SQ YD)	HMA SURF. REMOVAL 2 1/4" (SQ YD)	HMA LEVEL BINDER (MM) N50 (1 1/2") (TON)	LONGITUDINAL JOINT SEAL (FOOT)	HMA SURF. COURSE MIX "C", N50 (1 1/2") (TON)	BIT. MAT. (TACK CT) (POUND)			
FAP 737 (IL 123)													
STA. 34+57.25 TO STA. 34+72.25	15.00	24	40.0	0.00	0.0	40.0	1.7	15.00	3.4	27.0			
STA. 34+72.25 TO STA. 38+16.00	343.75	24	916.7	0.0	0.0	916.7	38.5	343.75	77.0	618.8			
STA. 38+16.00 TO STA. 40+47.50	231.50	24	617.3	0.0	0.0	617.3	25.9	231.50	51.9	416.7			
STA. 40+47.50 TO STA. 43+75.00	327.50	24	873.3	0.0	0.0	873.3	36.7	327.50	73.4	589.5			
STA. 43+75.00 TO STA. 48+85.00	510.00	24	1360.0	0.0	0.0	1360.0	57.1	510.00	114.2	918.0			
STA. 48+85.00 TO STA. 51+00.10	215.10	24	573.6	0.0	0.0	573.6	24.1	215.10	48.2	387.2			
STATION EQUATION STA. 51+00.10 BK=STA. 51+56.24 AH.													
STA. 51+56.24 TO STA. 51+81.14	24.90	24	66.4	0.0	0.0	66.4	2.8	24.90	5.6	44.8			
STA. 51+81.14 TO STA. 60+00.00	818.86	26	2365.6	0.0	0.0	2365.6	99.4	818.86	198.7	1596.8			
STA. 60+00.00 TO STA. 63+82.63	382.63	VARIES 26 to 36	1317.9	0.0	0.0	1317.9	55.4	765.26	110.7	889.6			
STA. 63+82.63 TO STA. 67+05.09	322.46	36	1289.8	0.0	0.0	1289.8	54.2	644.92	108.3	870.6			
STA. 67+05.09 TO STA. 69+00.00	194.91	36	779.6	0.0	0.0	779.6	32.7	389.82	65.5	526.3			
STA. 69+00.00 TO STA. 70+03.31	103.31	48	551.0	0.0	0.0	551.0	23.1	206.62	46.3	371.9			
STA. 70+03.31 TO STA. 72+65.00	261.69	VARIES 48 to 26	1075.8	0.0	0.0	1075.8	45.2	523.38	90.4	726.2			
STA. 72+65.00 TO STA. 124+05.00	5,140.00	26	14848.9	0.0	14848.9	0.0	623.7	5140.00	1,247.3	10023.0			
STA. 124+05.00 TO STA. 136+97.52	1,292.52	26	3733.9	0.0	0.0	3733.9	156.8	1292.52	313.7	2520.4			
STA. 136+97.52 TO STA. 137+12.52	15.00	26	43.3	0.0	0.0	43.3	1.8	15.00	3.6	29.3			
BRIDGE OMISSION S.N. 065-0018													
STA. 138+31.57 TO STA. 138+46.57	15.00	26	43.3	43.3	0.0	0.0	1.8	15.00	3.6	29.3			
STA. 138+46.57 TO STA. 163+41.55	2,494.98	26	7207.7	0.0	7,207.7	0.0	302.7	2494.98	605.4	4865.2			
STATION EQUATION STA. 163+41.55 BK=STA. 163+41.40 AH.													
STA. 163+41.40 TO STA. 167+15.00	373.60	26	1079.3	0.0	1079.3	0.0	45.3	373.60	90.7	728.5			
STA. 167+15.00 TO STA. 180+05.00	1,290.00	26	3726.7	0.0	0.0	3726.7	156.5	1290.00	313.0	2515.5			
STA. 180+05.00 TO STA. 184+05.00	400.00	26	1155.6	0.0	0.0	1155.6	48.5	400.00	97.1	780.0			
STA. 184+05.00 TO STA. 191+40.00	735.00	26	2123.3	0.0	0.0	2,123.3	89.2	735.00	178.4	1433.3			
STA. 191+40.00 TO STA. 364+19.40	17,279.40	26	49918.3	0.0	49,918.3	0.0	2096.6	17279.40	4,193.1	33694.8			
STA. 364+19.40 TO STA. 364+34.40	15.00	26	43.3	43.3	0.0	0.0	1.8	15.00	3.6	29.3			
CENTRE DRIVE													
STA. 8+79.27 TO STA. 8+94.27	15.00	VARIES 37.5 to 40	64.6	0.0	0.0	64.6	2.7	0.00	5.4	43.6			
STA. 8+94.27 TO STA. 9+82.00	87.73	VARIES 40 to 195	781.7	0.0	0.0	781.7	32.8	0.00	65.7	527.7			
TOTAL				86.7	73,054.2	23,456.3	4,057.1	34,067.1	8,114.2	65,203.1			

TEMPORARY RAMPS			
LOCATION STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
FAP 737 (IL 123)			
STA. 34+57.25	5.0	24.0	13.3
STA. 136+97.52	5.0	26.0	14.4
STA. 138+31.57	5.0	26.0	14.4
STA. 364+19.40	5.0	26.0	14.4
SUNNY ACRES ROAD			
STA. 35+53.01 RT.	5.0	95.0	52.8
E BLUFF DRIVE			
STA. 48+26.87 LT.	5.0	117.0	65.0
VILLAGE GREEN ROAD			
STA. 52+03.14 LT.	5.0	63.0	35.0
VILLAGE ROAD			
STA. 55+53.78 LT.	5.0	61.0	33.9
CENTRE DR.			
STA. 68+21.39 LT	5	155.0	86.1
WOODLAND LAKES DR.			
STA. 75+15.66 RT.	5	67.0	37.2
PINECREST RD			
STA. 75+38.69 LT.	5	42.0	23.3
SUNDOWN LANE			
STA. 78+86.09 RT.	5	84.0	46.7
PINECREST RD			
STA. 80+82.14 LT.	5	70.0	38.9
SHADY LN.			
STA. 81+87.22 RT	5	49.0	27.2
CURTIS RD.			
STA. 90+96.69 LT	5	124.0	68.9
TICE RD.			
STA. 121+ 7.33 RT.	5	80.0	44.4
ROTHERT RD.			
STA. 197+85.58 LT.	5	64.0	35.6
CLINE ST.			
STA. 237+32.14 LT.	5	65.0	36.1
LEBANAN CEMETERY RD.			
STA. 251+60.54 RT.	5	63.0	35.0
VENEMAN RD.			
STA. 283+46.13 RT.	5	58.0	32.2
REBBE ST.			
STA. 317+08.14 LT.	5	61.0	33.9
TOTAL			789

HOT-MIX ASPHALT SHOULDERS										
LOCATION STATION TO STATION	LENGTH (FT)	EXISTING WIDTH (FT)	PROPOSED WIDTH (FT)	EX. & GR. EXIST. SHLDR (UNIT)	HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD)	HMA SURF. REMOVAL 2 1/4" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 1 1/2" (TON)	HOT-MIX ASPHALT SHOULDERS, 2 1/4" (TON)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	
EASTBOUND										
STA. 34+21.50 TO STA. 38+16.00	394.50	6	0	0.0	0.0	263.0	0.0	30.14	118.35	
STA. 38+16.00 TO STA. 40+47.50	231.50	6	0	0.0	0.0	154.3	0.0	19.4	69.5	
STA. 40+47.50 TO STA. 43+75.00	327.50	6	0	0.0	0.0	218.3	0.0	27.5	98.3	
STA. 43+75.00 TO STA. 48+85.00	510.00	6	0	0.0	0.0	340.0	0.0	42.8	153.0	
STA. 48+85.00 TO STA. 51+00.10	215.10	6	0	0.0	0.0	143.4	0.0	18.1	64.5	
STATION EQUATION STA. 51+00.10 BK. = STA. 51+56.24 AH.										
STA. 51+56.24 TO STA. 51+81.14	24.90	6	0	0.0	0.0	16.6	0.0	2.1	7.5	
STA. 124+62.00 TO STA. 133+21.00	859.00	3	0	0.0	0.0	286.3	0.0	36.1	128.9	
STA. 133+21.00 TO STA. 137+12.52	391.52	3	0	0.0	0.0	130.51	0.0	16.4	58.7	
BRIDGE OMISSION S.N. 065-0018										
STA. 138+31.57 TO STA. 163+41.55	2,509.98	0	3	25.1	836.7	0.0	70.3	0.0	188.2	
STATION EQUATION STA. 163+41.55 BK. = STA. 163+41.40 AH.										
STA. 163+41.40 TO STA. 167+15.00	373.60	0	3	3.7	124.5	0.0	10.5	0.0	28.0	
STA. 167+15.00 TO STA. 180+05.00	1,290.00	3	0	0.0	0.0	430.0	0.0	54.2	193.5	
STA. 184+05.00 TO STA. 191+40.00	735.00	3	0	0.0	0.0	245.0	0.0	30.9	110.3	
SUB-TOTAL				28.8	961.2	2227.5	80.7	277.7	1218.6	
WESTBOUND										
STA. 34+29.50 TO STA. 48+85.00	1,455.50	6	0	0.0	0.0	970.3	0.0	122.3	436.7	
STA. 48+85.00 TO STA. 51+00.10	215.10	6	0	0.0	0.0	143.4	0.0	18.1	64.5	
STATION EQUATION STA. 51+00.10 BK. = STA. 51+56.24 AH.										
STA. 51+56.24 TO STA. 51+81.14	24.90	6	0	0.0	0.0	16.6	0.0	2.1	7.5	
STA. 124+05.00 TO STA. 133+30.00	925.00	3	0	0.0	0.0	308.3	0.0	38.9	138.8	
STA. 133+30.00 TO STA. 137+12.52	382.52	3	0	0.0	0.0	127.5	0.0	16.1	57.4	
BRIDGE OMISSION S.N. 065-0018										
STA. 138+31.57 TO STA. 140+00.00	168.43	0	3	1.7	56.1	0.0	4.7	0.0	12.6	
STA. 158+46.00 TO STA. 163+41.55	495.55	0	3	5.0	165.2	0.0	13.9	0.0	37.2	
STATION EQUATION STA. 163+41.55 BK. = STA. 163+41.40 AH.										
STA. 163+41.40 TO STA. 167+50.32	408.92	0	3	4.1	136.3	0.0	11.4	0.0	30.7	
STA. 167+50.32 TO STA. 179+45.00	1,194.68	3	0	0.0	0.0	398.2	0.0	50.2	179.2	
SUB-TOTAL				10.7	357.6	1964.4	30.0	247.5	964.4	
TOTAL				39.6	1,318.8	4,191.9	110.8	525.2	2,183.1	

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	<p style="text-align: center;">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p style="text-align: center;">SCHEDULE OF QUANTITIES FAP 737 (IL 123)</p>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ill084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\0672\16-sht-schedule	DESIGNED -	REVISED -	737					(1) RS-4, BRR, BJR, BR	MENARD	66	9	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -					CONTRACT NO. 72J16				
	PLOT DATE = 2/3/2017	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

AGGREGATE SHOULDERS					
LOCATION STATION TO STATION FAP 737 (IL 123)	LENGTH (FT)	WIDTH (FT)	GRADING & SHAPING (UNIT)	AGG. SHLD. TYPE B (TONS)	
EASTBOUND					
STATION EQUATION STA. 51+00.10 BK. = STA. 51+56.24 AH.					
STA. 51+81.14 TO STA. 124+62.00	6162.86	3	62	463.2	
BRIDGE OMISSION S.N. 065-0018					
STA. 139+12.00 TO STA. 142+67.00	355.00	3	4	26.7	
STATION EQUATION STA. 163+41.55 BK. = STA. 163+41.40 AH.					
STA. 163+41.40 TO STA. 166+46.00	304.60	3	3	22.9	
STA. 180+05.00 TO STA. 184+05.00	400.00	3	4	30.1	
STA. 191+40.00 TO STA. 364+34.40	17150.00	3	172	1289.1	
SUB-TOTAL			244	1832.0	
WESTBOUND					
STATION EQUATION STA. 51+00.10 BK. = STA. 51+56.24 AH.					
STA. 51+81.14 TO STA. 67+16.00	1266.86	3	13	95.2	
STA. 71+15.88 TO STA. 124+05.00	4790.00	3	48	360.0	
BRIDGE OMISSION S.N. 065-0018					
STA. 140+79.00 TO STA. 158+02.00	1723.00	3	17	129.5	
STATION EQUATION STA. 163+41.55 BK. = STA. 163+41.40 AH.					
STA. 163+80.00 TO STA. 166+71.00	291.00	3	3	21.9	
STA. 179+45.00 TO STA. 364+34.40	18107.00	3	181	1361.0	
SUB-TOTAL			262	1967.7	
••AVERAGE AGGREGATE THICKNESS = 4"			TOTAL	506	3,800

AGGREGATE FOR TEMPORARY ACCESS	
LOCATION STATION FAP 737 (IL 123)	AGGREGATE FOR TEMPORARY ACCESS (ESTIMATED QTY) (TONS)
STA. 136+57.68 RT	4.50
STA. 136+53.07 LT	4.50
TOTAL	9.00

GUTTER REMOVAL (SPECIAL)	
LOCATION STATION TO STATION FAP737 (IL 123)	LENGTH (FOOT)
EASTBOUND	
STA. 136+32.72 TO STA. 136+88.53	55.81
WESTBOUND	
STA. 136+25.75 TO STA. 136+99.88	74.13
TOTAL	130

GRADING AND SHAPING DITCHES	
LOCATION STATION TO STATION FAP 737 (IL 123)	GRADING AND SHAPING DITCHES (FOOT)
EASTBOUND	
41+36 TO 43+50	214
TOTAL	214

CURB REMOVAL	
LOCATION STATION TO STATION FAP737 (IL 123)	LENGTH (FOOT)
EASTBOUND	
STA. 133+20.50 TO STA. 136+35.30	314.80
WESTBOUND	
STA. 133+10.55 TO STA. 136+26.98	316.43
TOTAL	631.2

EARTHWORK SCHEDULE						
LOCATION STATION TO STATION FAP 737 (IL 123)	1 EARTH EXCAVATION (CU YD)	2 EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (COLUMN 1 x 0.75) (CU YD)	3 EMBANK. (FILL)	EARTHWORK BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) (COLUMN 2 - COLUMN 3) (CU YD)	CHANNEL EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
35+50 TO 37+50	131	99	0	99	0	0
79+00 TO 80+50	0	0	24	-24	0	0
160+40 TO 161+30	0	0	10	-10	148	148
TOTALS	131	99	35	64	148	148

CONTROLLED LOW-STRENGTH MATERIAL	
LOCATION STATION FAP 737 (IL 123)	CONTROLLED LOW-STRENGTH MATERIAL (ESTIMATED QUANTITY) (CU YD)
APPROXIMATE LOCATION	
33+80 TO 50' RT.	50
TOTAL	50

SEEDING SCHEDULE										
LOCATION STATION TO STATION FAP 737 (IL 123)	SIDE	LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER (POUND)	PHOSPHORUS FERTILIZER (POUND)	POTASSIUM FERTILIZER (POUND)	AGG. GROUND LIMESTONE (TON)	MULCH METHOD 3 (ACRE)
35+50.00 TO 37+50.00	RT.	200.00	35.00	7000.00	0.16	14.46	14.46	14.46	0.32	0.16
41+36.00 TO 43+50.00	RT.	214.00	20.00	4280.00	0.10	8.84	8.84	8.84	0.20	0.10
79+00.00 TO 80+50.00	LT. & RT.	150.00	10.00	3000.00	0.07	6.20	6.20	6.20	0.14	0.07
PERIMETER OF PROPOSED RIPRAP										
160+40.00 TO 161+30.00	LT.	261.00	5.00	1305.00	0.03	2.70	2.70	2.70	0.06	0.03
TOTAL					0.36	32.20	32.20	32.20	0.72	0.36

SIDEWALK SCHEDULE				
FAP 737 (IL 123) LOCATION STATION TO STATION	WIDTH	SIDEWALK REMOVAL (SQ FT)	PCC SIDEWALK, 4" (SQ FT)	DETECTABLE WARNINGS (SQ FT)
STA. 34+22.00 TO STA. 35+13.00	4'	203	351	10.00
TOTAL		203.0	351.0	10.0

RIPRAP									
LOCATION STATION TO STATION FAP 737 (IL 123)	SIDE	AVG. LENGTH	AVG. WIDTH SLOPE MEAS.	DEPTH	AREA (SQ FT)	FILTER FABRIC (SQ YD)	STONE DUMPED RIPRAP CLASS A4 (TONS)	STONE RIP RAP CLASS A2 (TONS)	
STA. 133+10.50 TO STA. 136+27.00	LT	316.50	3.00	0.50	949.50	-	-	30.77	
STA. 133+20.50 TO STA. 136+35.50	RT	315.00	3.00	0.50	945.00	-	-	30.63	
STA. 160+42.00 TO STA. 161+35.00	LT	80.00	40.00	1.33	3200.00	356	275.85	-	
TOTAL						356	275.85	61.40	

CULVERT SCHEDULE							
FAP 737 (IL 123) LOCATION STATION	REMOVE EXISTING STRUCTURE (EACH)	PIPE CULVERT CL A, TY 1 E. R. S. 30" (FT)	PCC END SECTION E. R. S. 30" (EACH)	TRENCH BACKFILL (CU YD)	CLASS C PATCHES TYPE II, 17" (SQ YD)	UPSTREAM INVERT (ELEV)	DOWNSTREAM INVERT (ELEV)
STA. 79+82.00	#1	42	2	8.7	20.0	606.10	605.15
TOTALS	1	42.0	2	8.7	20.0		

SIDEROAD & ENTRANCE SCHEDULE												1 OF 2	
LOCATION STATION FAP 737 (IL 123)			WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH OF IMPROVEMENT FROM EOP (FT)	HMA AREA (SQ YD)	EXIST. SURF. TYPE	HOT-MIX ASPH. SURF. REMOVAL BUTT - JT. (SQ YD)	PREPARATION OF BASE (SQ YD)	INCIDENTAL HOT-MIX ASPH. SURF. (TON)	BIT. MAT. TACK COAT (POUNDS)	AGG. SURFACE CSE. TYPE B (TON)	
STA. 35+53.01	SUNNY ACRES RD	RT.	95	25	55	366.67	HMA	366.67	-	30.80	165.00	-	
STA. 35+63.55	F. E.	LT.	-	-	-	-	AGG	-	-	-	-	-	
STA. 40+99.76	C. E.	RT.	61	47	12	72.00	HMA	72.00	-	6.05	32.40	-	
STA. 44+83.98	P. E.	LT.	71	57	7	49.78	HMA	49.78	-	4.18	22.40	-	
STA. 44+88.08	P. E.	RT.	-	-	-	-	CONC	-	-	-	-	-	
STA. 45+14.86	P. E.	RT.	-	-	-	-	CONC	-	-	-	-	-	
STA. 45+50.44	MBT	RT.	-	-	-	-	CONC	-	-	-	-	-	
STA. 45+86.53	P. E.	RT.	-	-	-	-	CONC	-	-	-	-	-	
STA. 46+58.42	P. E.	RT.	-	-	-	-	HMA	-	-	-	-	-	
STA. 48+26.87	E BLUFF DR	LT.	-	-	-	-	CONC	-	-	-	-	-	
STA. 48+36.22	C. E.	RT.	-	-	-	-	HMA	-	-	-	-	-	
STA. 52+03.14	VILLAGE GREEN RD	LT.	63	21	20	93.33	HMA / O & C	93.33	-	7.84	42.00	-	
STA. 55+53.78	VILLAGE GREEN RD	LT.	61	22	23	106.06	HMA / O & C	106.06	-	8.91	47.73	-	
STA. 57+13.03	C. E.	LT.	57	42	7	38.50	HMA	38.50	-	3.23	17.33	-	
STA. 59+03.83	C. E.	RT.	59	45	7	40.44	HMA	40.44	-	3.40	18.20	-	
STA. 59+37.73	C. E.	LT.	40	26	7	25.67	HMA	25.67	-	2.16	11.55	-	
STA. 60+77.40	C. E.	LT.	42	28	7	27.22	HMA	27.22	-	2.29	12.25	-	
STA. 62+16.20	C. E.	LT.	34	23	7	22.17	HMA	22.17	-	1.86	9.98	-	
STA. 62+96.47	C. E.	RT.	34	24	12	38.67	HMA	38.67	-	3.25	17.40	-	
STA. 65+06.66	C. E.	RT.	30	19	7	19.06	HMA	19.06	-	1.60	8.58	-	
STA. 65+82.34	C. E.	LT.	-	-	-	-	CONC	-	-	-	-	-	
STA. 67+80.62	C. E.	RT.	-	-	-	-	EARTH	-	-	-	-	-	
STA. 68+75.32	C. E.	RT.	68	39	10	59.44	HMA	59.44	-	4.99	26.75	-	
STA. 71+52.84	P. E.	LT.	32	19	7	19.83	HMA	19.83	-	1.67	8.93	-	
STA. 71+87.03	P. E. / MBT	RT.	62	23	7	33.06	HMA	33.06	-	2.78	14.88	-	
STA. 72+47.52	P. E.	LT.	42	30	9	36.00	HMA / AGG	36.00	-	3.02	16.20	1.50	
STA. 73+89.02	C. E.	LT.	50	37	7	33.83	HMA	33.83	-	2.84	15.23	-	
STA. 75+15.66	WOODLAND LAKES DR	RT.	67	24	7	35.39	CONC / O & C	35.39	-	2.97	15.93	-	
STA. 75+38.69	PINECREST RD	LT.	42	25	8	29.78	HMA / O & C	29.78	-	2.50	13.40	-	
STA. 75+96.07	P. E. / MBT	RT.	68	43	8	49.33	HMA / AGG	49.33	-	4.14	22.20	1.50	
STA. 78+86.09	SUNDOWN LN / MBT	RT.	84	49	8	59.11	HMA / AGG	59.11	-	4.97	26.60	1.50	
STA. 80+82.14	PINECREST RD	LT.	70	31	26	145.89	HMA / O & C	145.89	-	12.25	65.65	-	
STA. 81+87.22	SHADY LN	RT.	49	19	7	26.44	CONC / AGG	26.44	-	2.22	11.90	-	
STA. 84+85.14	P. E.	RT.	-	-	-	-	AGG	-	-	-	-	-	
STA. 87+31.55	C. E.	RT.	52	40	7	35.78	CONC	35.78	-	3.01	16.10	-	
STA. 88+09.27	P. E.	LT.	52	34	7	33.44	HMA / AGG	33.44	-	2.81	15.05	1.50	
STA. 88+10.30	C. E. / MBT	RT.	83	42	8	55.56	HMA	55.56	-	4.67	25.00	1.50	
STA. 89+21.78	F. E.	RT.	57	33	8	40.00	HMA / AGG	40.00	-	3.36	18.00	1.50	
STA. 90+96.69	CURTIS RD	LT.	124	47	38	361.00	HMA / O & C	361.00	-	30.32	162.45	-	
STA. 96+90.64	F. E.	RT.	-	-	-	-	AGG	-	-	-	-	-	
STA. 98+09.12	P. E. / MBT	RT.	60	40	9	50.00	AGG	-	50.00	9.80	22.50	1.50	
STA. 102+50.70	P. E. / MBT	RT.	70	50	10	66.67	AGG	-	66.67	13.07	30.00	1.50	
STA. 106+93.23	P. E. / MBT	RT.	65	45	7	42.78	HMA / AGG	42.78	-	3.59	19.25	1.50	
STA. 108+97.98	P. E. / MBT	LT.	70	50	9	60.00	HMA / AGG	60.00	-	5.04	27.00	1.50	
SUB-TOTAL 1								2,056	117	196	978	15	

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAP 737 (IL 123)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Sheets\0672\16-sht-schedule		CHECKED -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	11				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 72J16				
	PLOT DATE = 2/3/2017	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

PAINT PAVEMENT MARKING							1 OF 2	
							LINE-5"	
LOCATION STATION TO STATION FAP 737 (IL 123)	DESCRIPTION	LENGTH (FT)	SPACING	YELLOW (FT)	WHITE (FT)			
STA. 34+57.25 TO STA. 41+45.00	SOLID (EASTBOUND NPZ)	687.75	-	688	-			
STA. 34+57.25 TO STA. 41+45.00	SKIP-DASH (WESTBOUND)	687.75	10' @ 40'	182	-			
STA. 34+57.25 TO STA. 41+45.00	SOLID (EDGE LINE RT)	687.8	-	-	593			
STA. 34+57.25 TO STA. 41+45.00	SOLID (EDGE LINE LT)	687.8	-	-	688			
STA. 41+45.00 TO STA. 51+00.10	SOLID (EASTBOUND NPZ)	955.1	-	955	-			
STA. 41+45.00 TO STA. 51+00.10	SOLID (WESTBOUND NPZ)	955.1	-	955	-			
STA. 41+45.00 TO STA. 51+00.10	SOLID (EDGE LINE RT)	955.1	-	-	955			
STA. 41+45.00 TO STA. 51+00.10	SOLID (EDGE LINE LT)	955.1	-	-	838			
STATION EQUATION STA. 51+00.10 BK = STA. 51+56.24 AH.								
STA. 51+56.24 TO STA. 60+24.00	SOLID (EASTBOUND NPZ)	867.8	-	868	-			
STA. 51+56.24 TO STA. 60+24.00	SOLID (WESTBOUND NPZ)	867.8	-	868	-			
STA. 51+56.24 TO STA. 60+24.00	SOLID (EDGE LINE RT)	867.8	-	-	868			
STA. 51+56.24 TO STA. 60+24.00	SOLID (EDGE LINE LT)	867.8	-	-	744			
SEE THERMOPLASTIC PAVEMENT MARKING SCHEDULE								
STA. 72+55.00 TO STA. 76+95.00	SOLID (EASTBOUND NPZ)	440.0	-	440	-			
STA. 72+55.00 TO STA. 76+95.00	SKIP-DASH (WESTBOUND)	440.0	10' @ 40'	120	-			
STA. 72+55.00 TO STA. 76+95.00	SOLID (EDGE LINE RT)	440.0	-	-	373			
STA. 72+55.00 TO STA. 76+95.00	SOLID (EDGE LINE LT)	440.0	-	-	398			
STA. 76+95.00 TO STA. 83+95.00	SKIP-DASH (EASTBOUND)	700.0	10' @ 40'	185	-			
STA. 76+95.00 TO STA. 83+95.00	SOLID (WESTBOUND NPZ)	700.0	-	700	-			
STA. 76+95.00 TO STA. 83+95.00	SOLID (EDGE LINE RT)	700.0	-	-	567			
STA. 76+95.00 TO STA. 83+95.00	SOLID (EDGE LINE LT)	700.0	-	-	630			
STA. 83+95.00 TO STA. 109+95.00	SKIP-DASH	2600.0	10' @ 40'	660	-			
STA. 83+95.00 TO STA. 109+95.00	SOLID (EDGE LINE RT)	2600.0	-	-	2600			
STA. 83+95.00 TO STA. 109+95.00	SOLID (EDGE LINE LT)	2600.0	-	-	2476			
STA. 109+95.00 TO STA. 119+85.00	SOLID (EASTBOUND NPZ)	990.0	-	990	-			
STA. 109+95.00 TO STA. 119+85.00	SKIP-DASH (WESTBOUND)	990.0	10' @ 40'	258	-			
STA. 109+95.00 TO STA. 119+85.00	SOLID (EDGE LINE RT)	990.0	-	-	990			
STA. 109+95.00 TO STA. 119+85.00	SOLID (EDGE LINE LT)	990.0	-	-	990			
STA. 119+85.00 TO STA. 131+25.00	SOLID (EASTBOUND NPZ)	1140.0	-	1140	-			
STA. 119+85.00 TO STA. 131+25.00	SOLID (WESTBOUND NPZ)	1140.0	-	1140	-			
STA. 119+85.00 TO STA. 131+25.00	SOLID (EDGE LINE RT)	1140.0	-	-	1060			
STA. 119+85.00 TO STA. 131+25.00	SOLID (EDGE LINE LT)	1140.0	-	-	1140			
STA. 131+25.00 TO STA. 141+95.00	SKIP-DASH (EASTBOUND)	1070.0	10' @ 40'	278	-			
STA. 131+25.00 TO STA. 141+95.00	SOLID (WESTBOUND NPZ)	1070.0	-	1070	-			
STA. 131+25.00 TO STA. 141+95.00	SOLID (EDGE LINE RT)	1070.0	-	-	1070			
STA. 131+25.00 TO STA. 141+95.00	SOLID (EDGE LINE LT)	1070.0	-	-	1070			
				SUB-TOTAL 1	11,495	18,049		

SHORT-TERM PAVEMENT MARKING					
LOCATION STATION TO STATION FAP 737 (IL 123)	LENGTH (FT)	SPACING	NUMBER OF APPLICATIONS	SHORT-TERM PAVE MARK (FT)	SHORT-TERM PAVE MARK REM (SQ FT)
STA. 34+57.00 TO STA. 51+00.10	1643.1	4' / 40'	3	504.93	56
STATION EQUATION STA. 51+00.10 BK TO STA. 51+56.24 AH					
STA. 51+56.24 TO STA. 137+12.52	8556.3	4' / 40'	3	2578.884	284
BRIDGE OMISSION S. N. 065-0018					
STA. 138+31.57 TO STA. 163+41.55	2510.0	4' / 40'	3	764.994	84
STATION EQUATION STA. 163+41.55 BK TO STA. 163+41.40 AH					
STA. 163+41.40 TO STA. 365+00.00	20158.6	4' / 40'	3	6059.58	667
				TOTAL	1,090

PAINT PAVEMENT MARKING							2 OF 2	
							LINE-5"	
LOCATION STATION TO STATION FAP 737 (IL 123)	DESCRIPTION	LENGTH (FT)	SPACING	YELLOW (FT)	WHITE (FT)			
STA. 141+95.00 TO STA. 147+95.00	SKIP-DASH	600.0	10' @ 40'	160	-			
STA. 141+95.00 TO STA. 147+95.00	SOLID (EDGE LINE RT)	600.0	-	-	600			
STA. 141+95.00 TO STA. 147+95.00	SOLID (EDGE LINE LT)	600.0	-	-	600			
STA. 147+95.00 TO STA. 154+95.00	SOLID (EASTBOUND NPZ)	700.0	-	700	-			
STA. 147+95.00 TO STA. 154+95.00	SKIP-DASH (WESTBOUND)	700.0	10' @ 40'	185	-			
STA. 147+95.00 TO STA. 154+95.00	SOLID (EDGE LINE RT)	700.0	-	-	700			
STA. 147+95.00 TO STA. 154+95.00	SOLID (EDGE LINE LT)	700.0	-	-	700			
STA. 154+95.00 TO STA. 163+41.55	SOLID (EASTBOUND NPZ)	846.5	-	847	-			
STA. 154+95.00 TO STA. 163+41.55	SOLID (WESTBOUND NPZ)	846.5	-	847	-			
STA. 154+95.00 TO STA. 163+41.55	SOLID (EDGE LINE RT)	846.5	-	-	847			
STA. 154+95.00 TO STA. 163+41.55	SOLID (EDGE LINE LT)	846.5	-	-	847			
STATION EQUATION STA. 163+41.55 BK = STA. 163+41.40 AH.								
STA. 163+41.40 TO STA. 171+15.00	SOLID (EASTBOUND NPZ)	773.6	-	774	-			
STA. 163+41.40 TO STA. 171+15.00	SOLID (WESTBOUND NPZ)	773.6	-	774	-			
STA. 163+41.40 TO STA. 171+15.00	SOLID (EDGE LINE RT)	773.6	-	-	774			
STA. 163+41.40 TO STA. 171+15.00	SOLID (EDGE LINE LT)	773.6	-	-	774			
STA. 171+15.00 TO STA. 182+45.00	SKIP-DASH (EASTBOUND)	1130.0	10' @ 40'	293	-			
STA. 171+15.00 TO STA. 182+45.00	SOLID (WESTBOUND NPZ)	1130.0	-	1130	-			
STA. 171+15.00 TO STA. 182+45.00	SOLID (EDGE LINE RT)	1130.0	-	-	1130			
STA. 171+15.00 TO STA. 182+45.00	SOLID (EDGE LINE LT)	1130.0	-	-	1130			
STA. 182+45.00 TO STA. 192+75.00	SOLID (EASTBOUND NPZ)	1030.0	-	1030	-			
STA. 182+45.00 TO STA. 192+75.00	SKIP-DASH (WESTBOUND)	1030.0	10' @ 40'	268	-			
STA. 182+45.00 TO STA. 192+75.00	SOLID (EDGE LINE RT)	1030.0	-	-	1030			
STA. 182+45.00 TO STA. 192+75.00	SOLID (EDGE LINE LT)	1030.0	-	-	1030			
STA. 192+75.00 TO STA. 197+45.00	SOLID (EASTBOUND NPZ)	470.0	-	470	-			
STA. 192+75.00 TO STA. 197+45.00	SOLID (WESTBOUND NPZ)	470.0	-	470	-			
STA. 192+75.00 TO STA. 197+45.00	SOLID (EDGE LINE RT)	470.0	-	-	470			
STA. 192+75.00 TO STA. 197+45.00	SOLID (EDGE LINE LT)	470.0	-	-	470			
STA. 197+45.00 TO STA. 200+15.00	SKIP-DASH (EASTBOUND)	270.0	10' @ 40'	78	-			
STA. 197+45.00 TO STA. 200+15.00	SOLID (WESTBOUND NPZ)	270.0	-	270	-			
STA. 197+45.00 TO STA. 200+15.00	SOLID (EDGE LINE RT)	270.0	-	-	270			
STA. 197+45.00 TO STA. 200+15.00	SOLID (EDGE LINE LT)	270.0	-	-	206			
STA. 200+15.00 TO STA. 365+45.00	SKIP-DASH	16530.0	10' @ 40'	4143	-			
STA. 200+15.00 TO STA. 365+45.00	SOLID (EDGE LINE RT)	16530.0	-	-	16409			
STA. 200+15.00 TO STA. 365+45.00	SOLID (EDGE LINE LT)	16530.0	-	-	16404			
				SUB-TOTAL 2	12,435	44,389		
				SUB-TOTAL 1	11,495	18,049		
				TOTAL	86,370			

RAISED REFLECTIVE PAVEMENT MARKERS					
LOCATION STATION TO STATION FAP 737 (IL 123)	LENGTH (FT)	SPACING (FT)	RAISED REFL. BI - DIRECTIONAL AMBER (EACH)	RAISED REFL. MONO - DIRECTIONAL CRYSTAL (EACH)	REMOVAL (EACH)
STA. 34+57.52 TO STA. 51+00.10	1,642.6	1/80	22	-	22
STATION EQUATION STA. 51+00.10 BK TO STA. 51+56.24 AH					
STA. 51+56.24 TO STA. 60+24.00	867.8	1/80	12	-	12
STA. 60+24.00 TO STA. 67+47.38	723.4	1/80	19	-	19
STA. 68+91.50 TO STA. 72+54.88	363.4	1/80	10	-	10
STA. 65+69.38 TO STA. 67+47.38	178.0	1/80	-	3	3
STA. 68+91.50 TO STA. 70+02.38	110.9	1/80	-	3	2
STA. 72+54.88 TO STA. 137+12.52	6,457.6	1/80	82	-	82
BRIDGE OMISSION S. N. 065-0018					
STA. 138+31.57 TO STA. 163+41.55	2,510.0	1/80	32	-	32
STATION EQUATION STA. 163+41.55 BK = STA. 163+41.40 AH					
STA. 163+41.40 TO STA. 365+00.00	20,158.6	1/80	253	-	253
			TOTAL	6	436

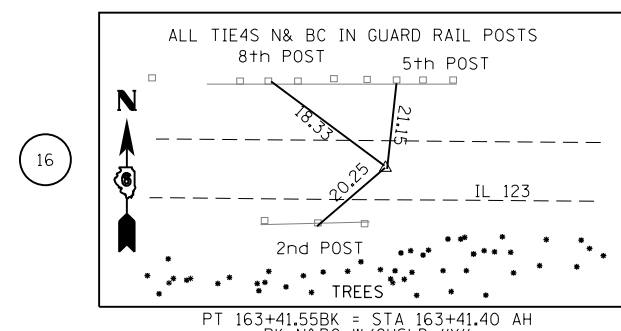
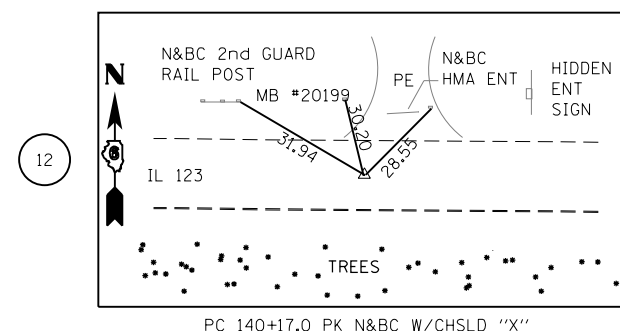
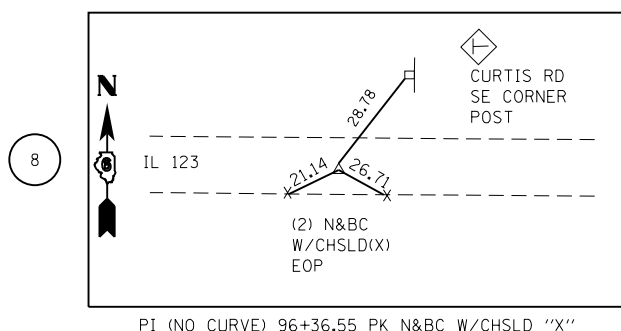
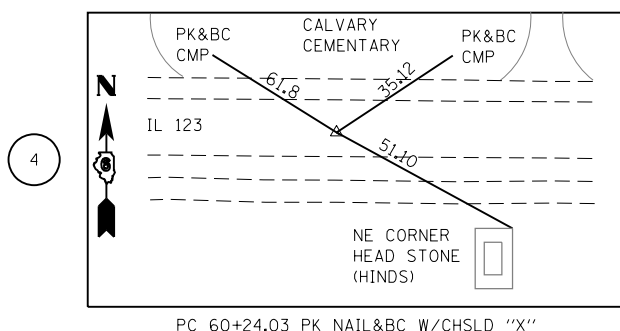
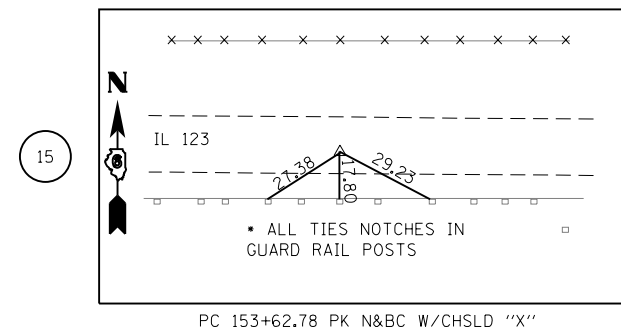
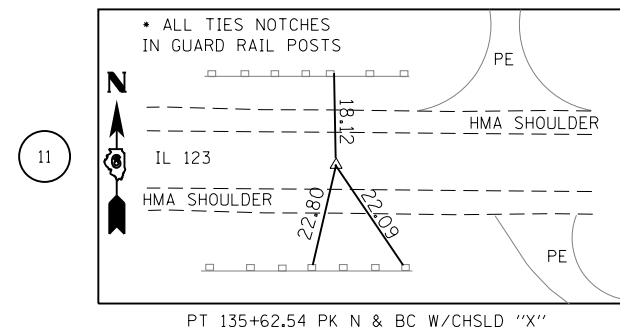
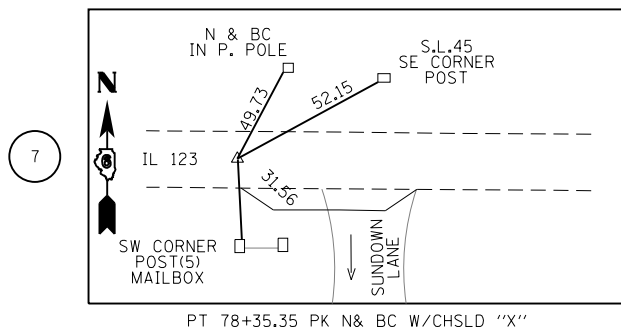
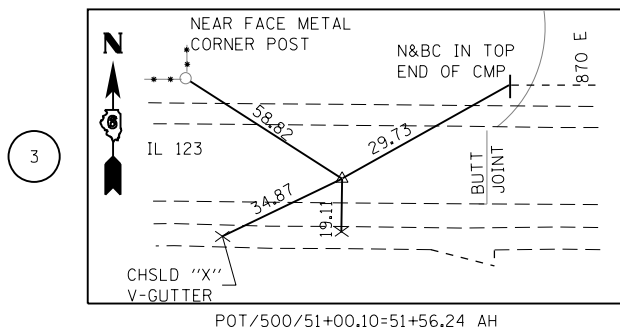
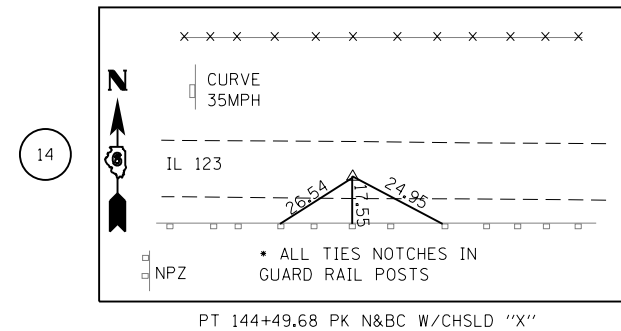
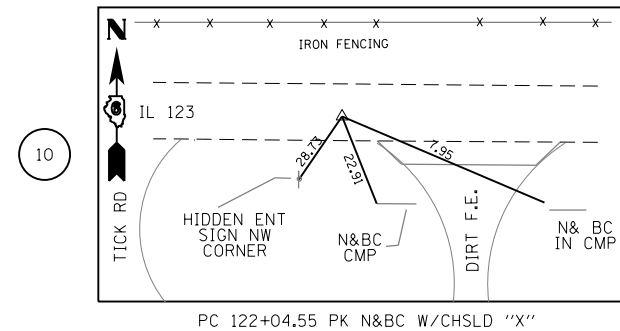
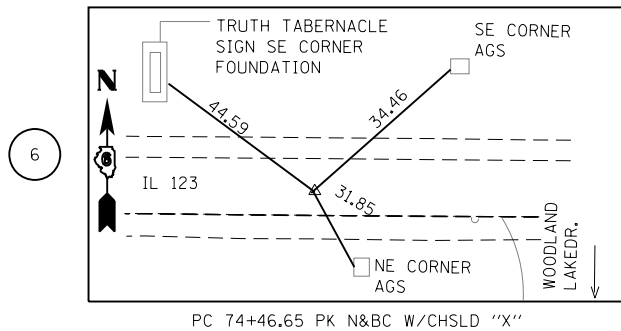
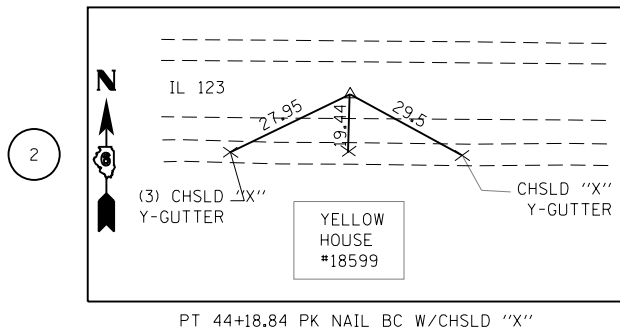
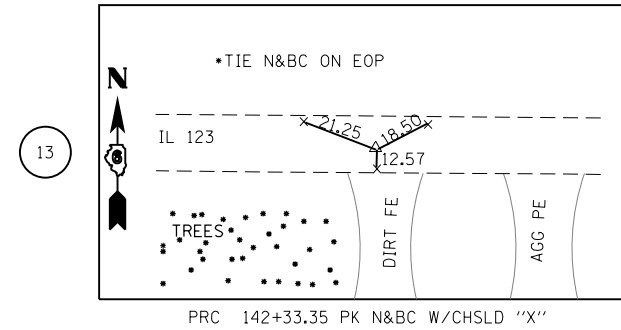
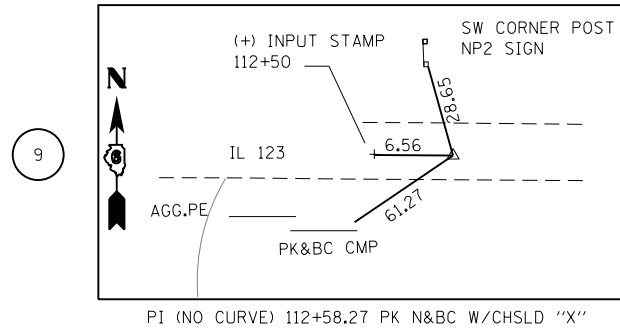
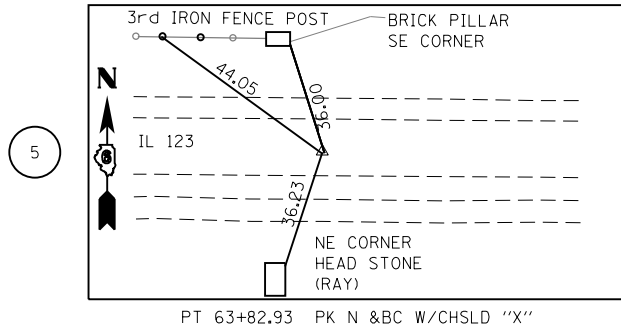
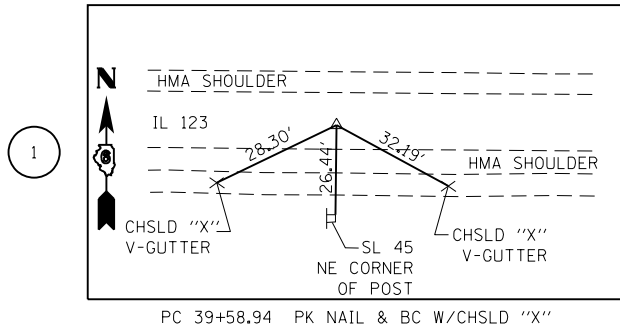
FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAP 737 (IL 123)	F.A.P.	SECTION	COUNTY	TOTAL	SHEET
pw:\IL\084EBID\INTEG.\Illinois.gov\PIDOT\Documents\DOT Offices\District 6\Projects\06720\Drawings\EA0\Drawings\06720-16-sht-sched-REVISED	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			737	(1) RS-4, BRR, BJR, BR	MENARD	66	13
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -			CONTRACT NO. 72J16			ILLINOIS FED. AID PROJECT	
						SCALE:	SHEET	OF	SHEETS	STA.

THERMOPLASTIC PAVEMENT MARKING									
LOCATION STATION TO STATION	DESCRIPTION	LENGTH (FT)	SOLID LINE-5"		SOLID LINE-8"	SOLID LINE-12"		SOLID LINE -24 "	
			YELLOW (FT)	WHITE (FT)	WHITE (FT)	YELLOW (FT)	WHITE (FT)	WHITE (FT)	
FAP 737 (IL 123)									
STA. 60+24.00 TO STA. 65+69.38	DOUBLE SOLID (EASTBOUND)	545.38	1090.76	-	-	-	-	-	-
STA. 60+24.00 TO STA. 65+69.38	GORE AREA	545.38	-	-	-	113.8	-	-	-
STA. 60+24.00 TO STA. 67+47.38	DOUBLE SOLID (WESTBOUND)	723.38	1446.76	-	-	-	-	-	-
STA. 65+69.38 TO STA. 67+47.38	SOLID (EASTBOUND TURN LANE)	178.00	-	178	-	-	-	-	-
STA. 60+24.00 TO STA. 67+05.00	SOLID (EDGE LINE LT)	681.00	-	681.00	-	-	-	-	-
STA. 68+91.50 TO STA. 72+54.88	DOUBLE SOLID (EASTBOUND)	363.38	726.76	-	-	-	-	-	-
STA. 68+91.50 TO STA. 72+54.88	GORE AREA	363.38	-	-	-	99.50	-	-	-
STA. 68+91.50 TO STA. 72+54.88	DOUBLE SOLID (WESTBOUND)	363.38	726.76	-	-	-	-	-	-
STA. 68+91.50 TO STA. 70+02.38	SOLID (WESTBOUND TURN LANE)	110.88	-	111	-	-	-	-	-
STA. 69+00.00 TO STA. 72+54.88	SOLID (EDGE LINE LT)	354.88	-	354.88	-	-	-	-	-
STA. 60+24.00 TO STA. 72+54.88	SOLID (EDGE LINE RT)	1230.88	-	1230.88	-	-	-	-	-
	SUB-TOTAL	3991.04	2555.64	0.00	213	0	0	0	0
CENTRE DRIVE									
STA. 8+80.25 TO STA. 9+52.00	DOUBLE SOLID	71.75	143.50	-	-	-	-	-	-
STA. 8+80.25 TO STA. 9+19.00	SOLID (TURN LANES)	71.75	-	71.75	-	-	-	-	-
STA. 9+19.00 TO STA. 9+80.00	ISLAND GORE AREA	61.00	-	-	203.3	-	78	-	-
STA. 8+80.25 TO STA. 9+70.24	SOLID EDGE LINE (LT)	89.99	-	89.99	-	-	-	-	-
STA. 8+80.25 TO STA. 9+81.66	SOLID EDGE LINE (RT)	101.41	-	101.41	-	-	-	-	-
STA. 9+52.00	STOP BAR	-	-	-	-	-	-	15	-
STA. 9+52.00	STOP BAR	-	-	-	-	-	-	12	-
	SUB-TOTAL	143.50	263.15	203.3	0.00	78.0	27	27	27
	TOTAL	6,953	203	291	27	27	27	27	27

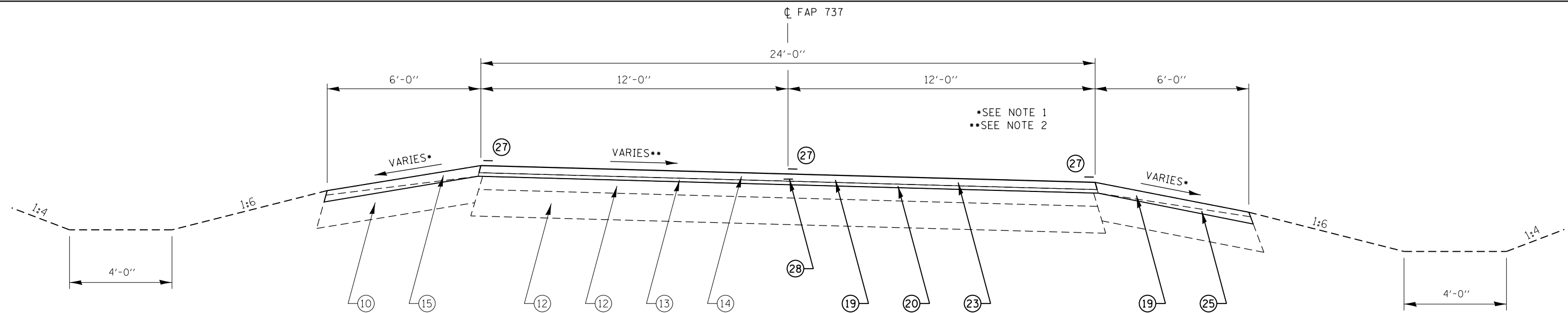
PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID		
LOCATION STATION	DESCRIPTION	LETTERS & SYMBOLS WHITE (SQ. FT)
FAP 737 (IL 123)		
STA. 65+74.00	TURN ARROW (LT)	15.6
STA. 67+47.00	TURN ARROW (LT)	15.6
STA. 69+19.00	TURN ARROW (RT)	15.6
STA. 69+96.00	TURN ARROW (RT)	15.6
CENTRE DRIVE		
STA. 9+05.00	TURN ARROW (LT)	15.6
STA. 9+05.00	TURN ARROW (RT)	15.6
	TOTAL	93.6

PERMANENT SURVEY MARKERS, TYPE I						
STATION	OFFSET	NORTHING	EASTING	DESCRIPTION	TYPE	EACH
FAP 737 (IL 123)						
STA. 171+60.95	0.14 LT	1220905.759	2402019.688	N.W. COR., SEC 16, T18N, R6W, 3RD P.M. MENARD CO.	LARGE HEAD NAIL	1
STA. 197+91.21	2.18 LT	1220946.904	2404649.627	N. COR., SEC 16, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 224+25.99	0.75 LT	1220985.237	2407284.125	N.E. COR., SEC 16, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 250+56.35	1.15 RT	1221002.364	2409914.375	N. COR., SEC 15, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 276+86.68	17.87 LT	1221020.173	2412544.718	N.E. COR., SEC 15, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 303+49.00	0.90 LT	1221006.736	2415207.017	N. COR., SEC 14, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 330+12.03	2.16 RT	1220993.334	2417870.036	N.E. COR., SEC 14, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 343+16.25	0.03 LT	1221015.482	2419174.085	N.E. COR., W 1/2, N.W. 1/4, SEC 13, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
STA. 356+31.22	0.04 LT	1221037.914	2420488.859	N. COR., SEC 13, T18N, R6W, 3RD P.M. MENARD CO.	ALUM. DISK	1
					TOTAL	9

GUARDRAIL SCHEDULE												
LOCATION STATION TO STATION	GUARDRAIL REMOVAL (FOOT)	CABLE ROAD GUARD REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A, 9' POSTS (FOOT)	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) (FOOT)	TEST LEVEL 2 IMPACT ATTENUATOR FULLY REDERECTIVE (EACH)	TRAFFIC BARRIER TERMINAL TYPE 1 SPL (TANGENT) (EACH)	TRAFFIC BARRIER TERMINAL TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL TYPE 6 (EACH)	BACKSIDE PROTECTION OF GUARDRAIL (FOOT)	GUARDRAIL REFLECTORS TYPE A (EACH)	TERM MARKER DIRECT APPLIED (EACH)	
FAP 737 (IL 123)												
EASTBOUND												
STA. 34+07.43 TO STA. 35+17.02	115.0	-	-	-	-	-	-	-	-	-	-	
STA. 34+07.43 TO STA. 34+81.45	-	-	-	-	1	-	-	1	38	2	-	
STA. 34+56.00 TO STA. 35+16.30	25.0	100.0	37.5	50	-	-	1	-	-	2	-	
STA. 136+76.35 TO STA. 137+33.92	78.60	-	-	37.5	-	-	1	1	-	2	-	
STA. 137+95.97 TO STA. 139+12.33	116.4	-	37.5	-	-	1	-	1	-	1	1	
WESTBOUND												
STA. 34+14.19 TO STA. 35+43.18	129.0	-	50	-	-	1	-	1	-	2	1	
STA. 136+75.33 TO STA. 137+33.92	53.0	-	-	37.5	-	-	1	1	-	2	-	
STA. 137+94.92 TO STA. 139+99.54	204.6	-	125	-	-	1	-	1	-	2	1	
	TOTAL	721.6	100.0	250.0	1	3	3	6	38	13	3	

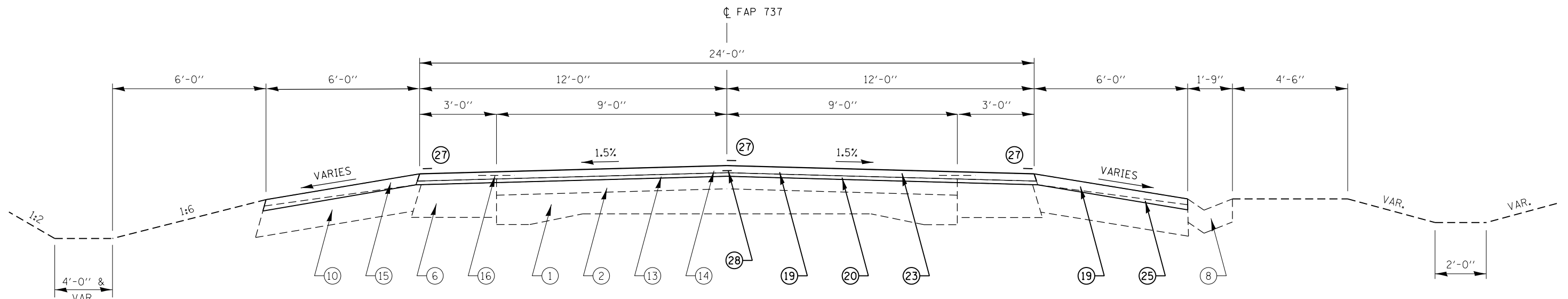


FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT TIES FAP 737 (IL 123)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\DRAWING\DATA\AD\Sheets\0672\16sh-ATB.dgn		CHECKED -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	15				
Default		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 72J16				
		PLOT DATE = 2/2/2017							ILLINOIS FED. AID PROJECT				



TYPICAL SECTION #3

STA. 40+75.63 TO STA. 43+75.00



TYPICAL SECTION #4

STA. 48+85.00 TO STA. 51+00.10
 STATION EQUATION: 51+00.10 BK. = STA. 51+56.24 AH.
 STA. 51+56.24 TO STA. 51+81.14

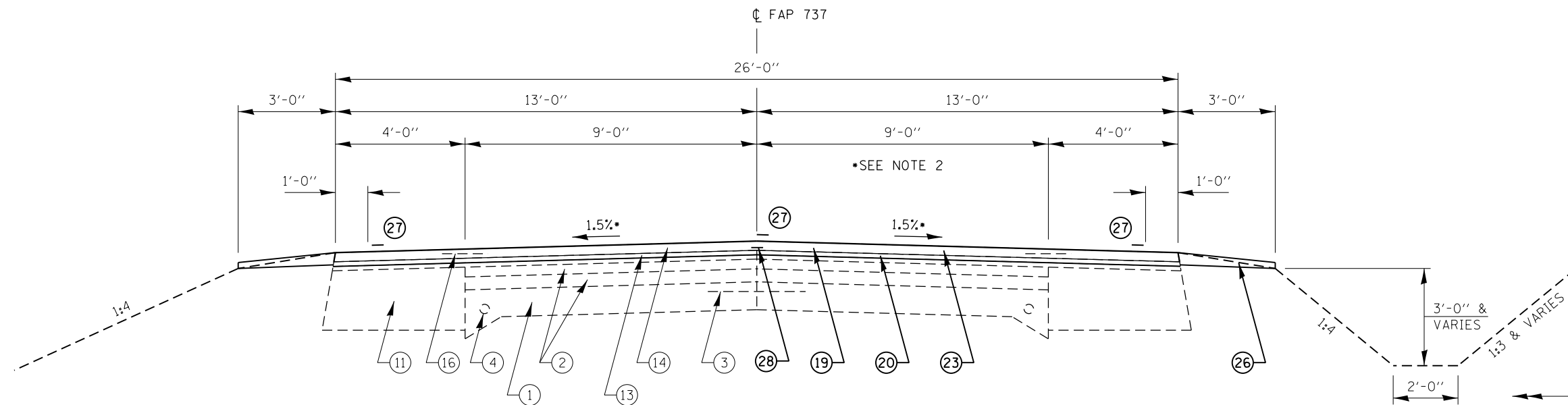
LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

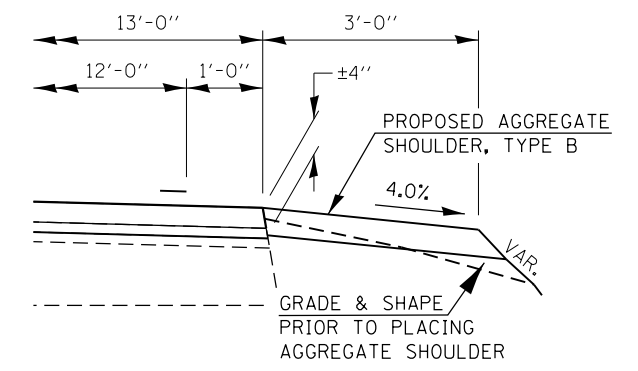
NOTES:

- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.

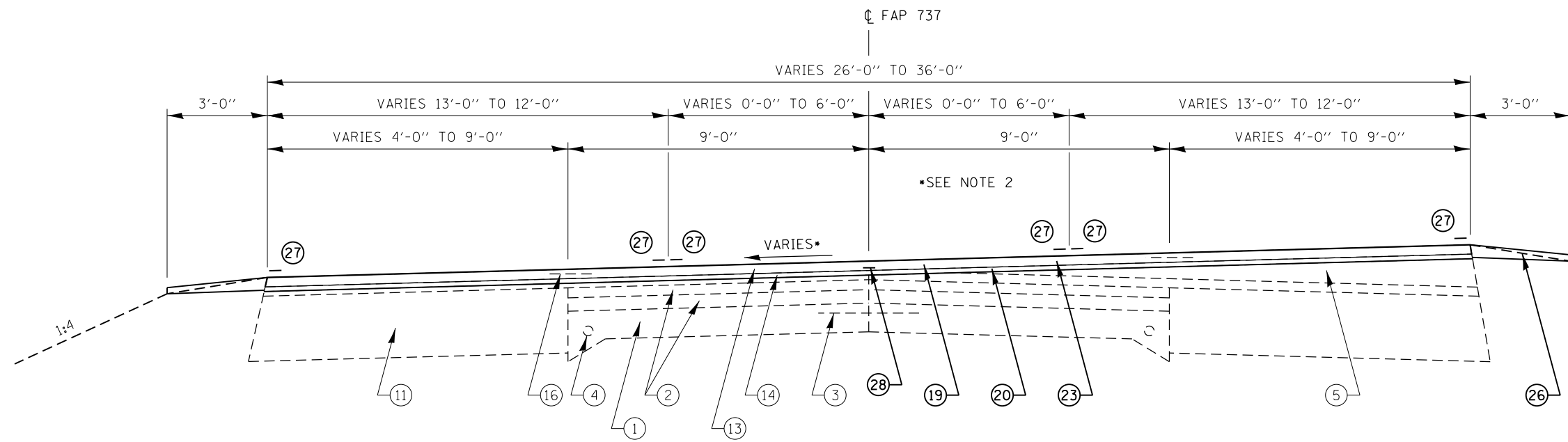
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\Roadsheets\0672\16-sh-typical	PLotted	CHECKED -	REVISED -			737	(1) RS-4, BRR, BJR, BR	MENARD	66	18	
Default	PLot DATE = 2/2/2017	DATE -	REVISED -			CONTRACT NO. 72J16		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET OF SHEETS	STA.	TO STA.		



TYPICAL SECTION #5
STA. 51+81.14 TO STA. 60+24.03



AGGREGATE SHOULDER DETAIL



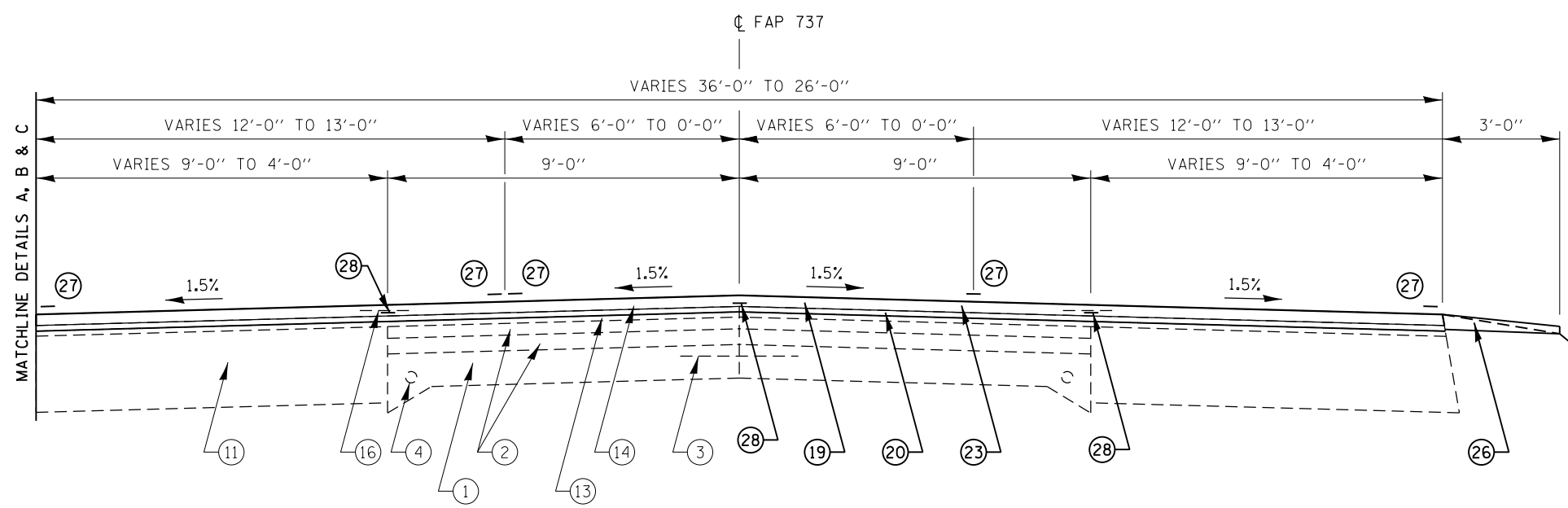
TYPICAL SECTION #6
STA. 60+24.03 TO STA. 63+82.63

LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

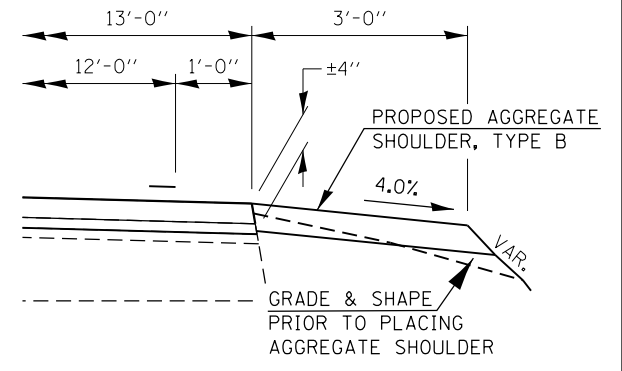
NOTES:

- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.

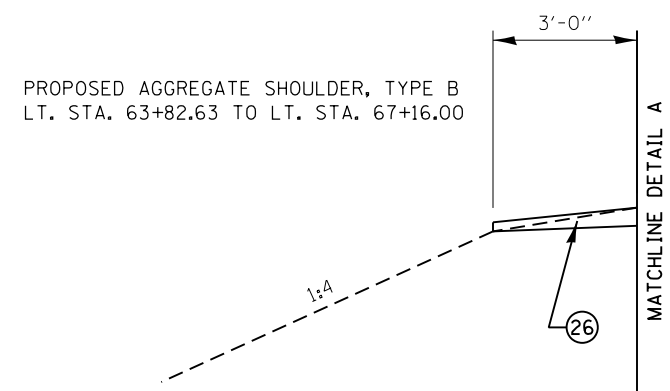


TYPICAL SECTION #7

STA. 63+82.63 TO STA. 72+65.00

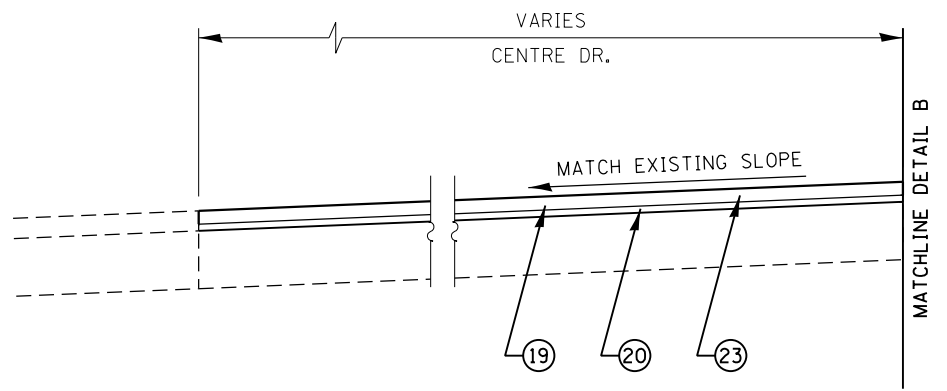


AGGREGATE SHOULDER DETAIL



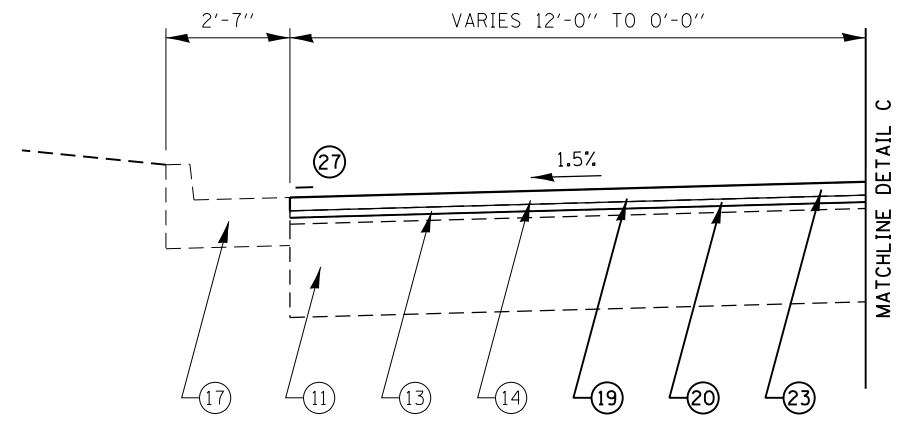
DETAIL A

STA. 63+82.63 TO STA. 67+05.09



DETAIL B

STA. 67+05.09 TO STA. 69+00.07



DETAIL C

PROPOSED AGGREGATE SHOULDER, TYPE B
LT. STA. 71+15.88 TO LT. STA. 72+65.00

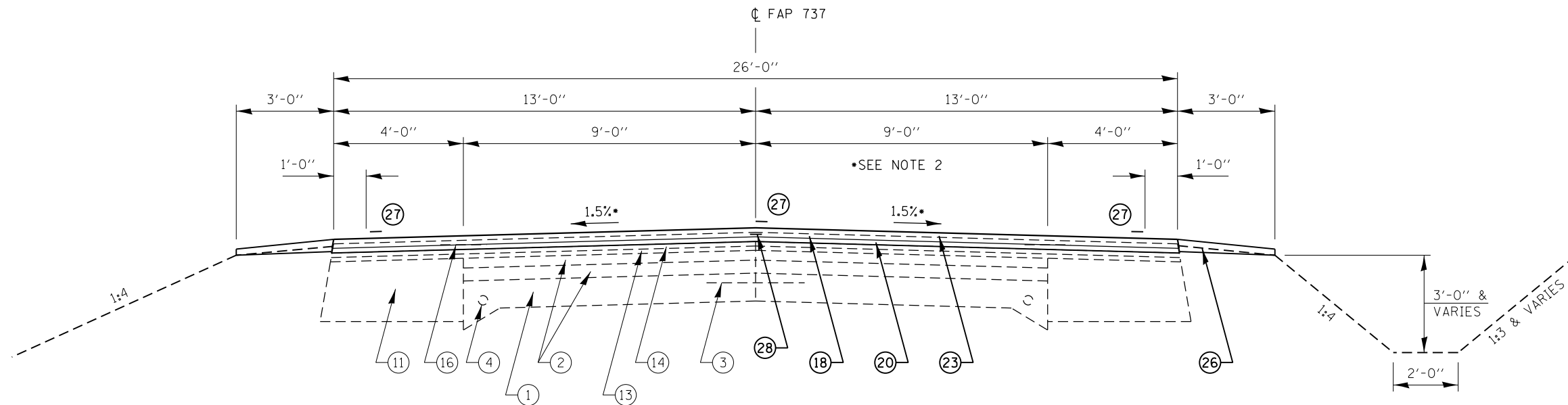
STA. 69+00.07 TO STA. 72+65.00

LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

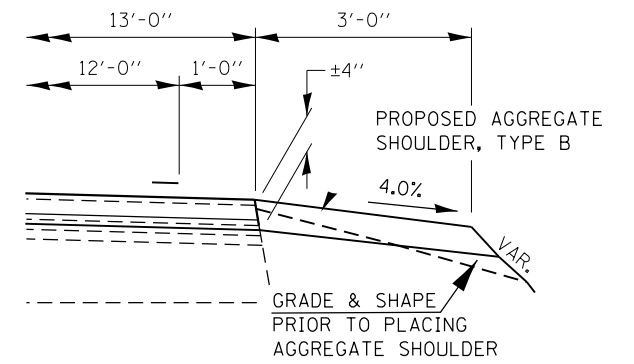
NOTES:

- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.



TYPICAL SECTION #8

STA. 72+65.00 TO STA. 124+05.00
 STA. 179+45.00 TO STA. 191+40.00 LT
 STA. 180+05.00 TO STA. 184+05.00 RT
 STA. 191+40.00 TO STA. 364+34.40



AGGREGATE SHOULDER DETAIL

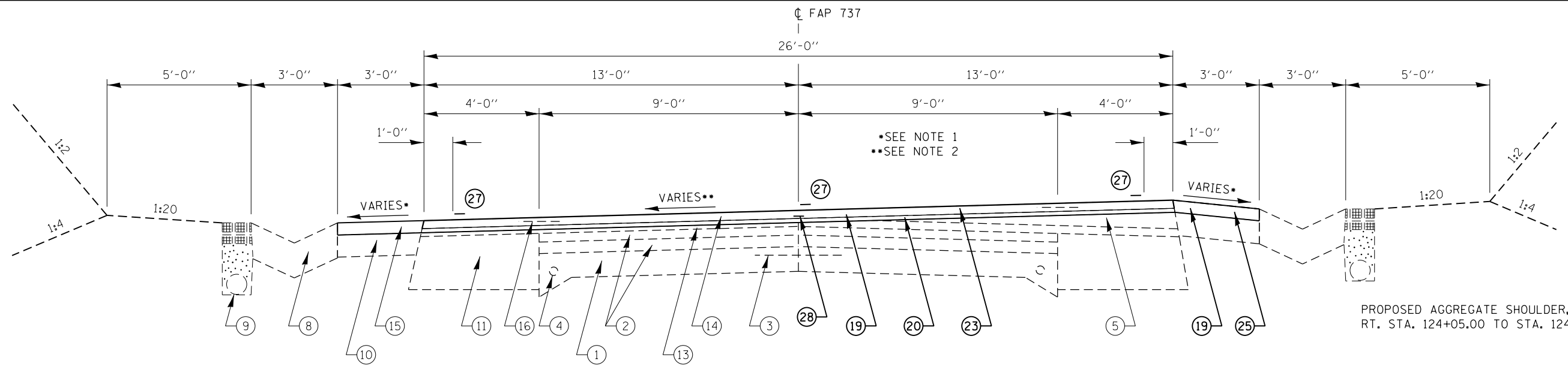
LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

NOTES:

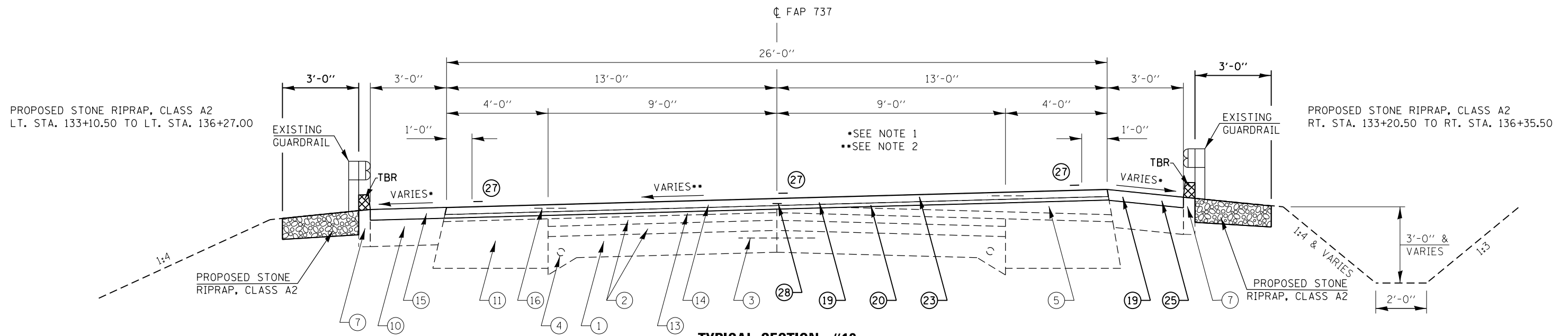
- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 737 (IL 123)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
pw\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\D67216\Drawings\CADsheets\D67216-shd-typicals		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	737	(1) RS-4, BRR, BJR, BR	MENARD	66	21
Default		CHECKED -	REVISED -									CONTRACT NO. 72J16				
	PLOT DATE = 2/2/2017	DATE -	REVISED -								ILLINOIS FED. AID PROJECT					



TYPICAL SECTION #9

STA. 124+05.00 TO STA. 132+96.00



TYPICAL SECTION #10

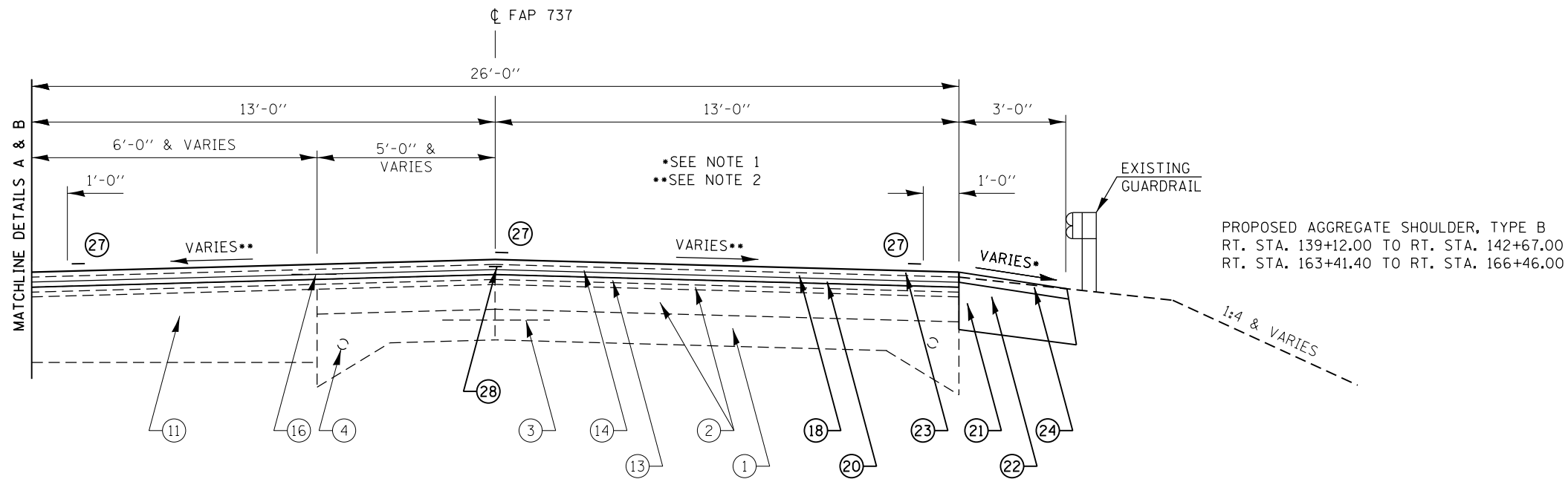
STA. 132+96.00 TO 137+12.52
BRIDGE OMISSION: STA. 137+12.52 TO STA. 138+31.57

LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

NOTES:

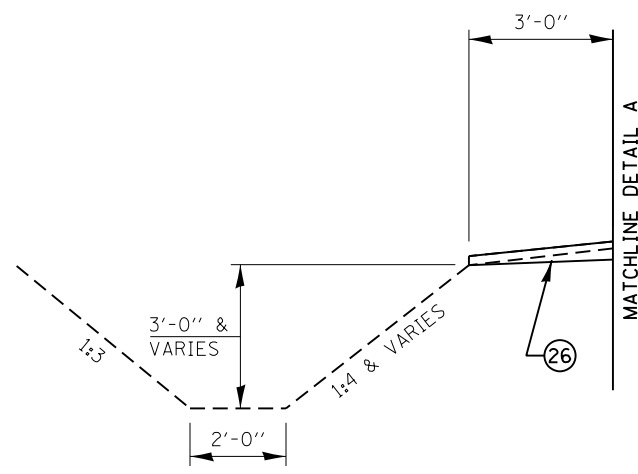
- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.



PROPOSED AGGREGATE SHOULDER, TYPE B
 RT. STA. 139+12.00 TO RT. STA. 142+67.00
 RT. STA. 163+41.40 TO RT. STA. 166+46.00

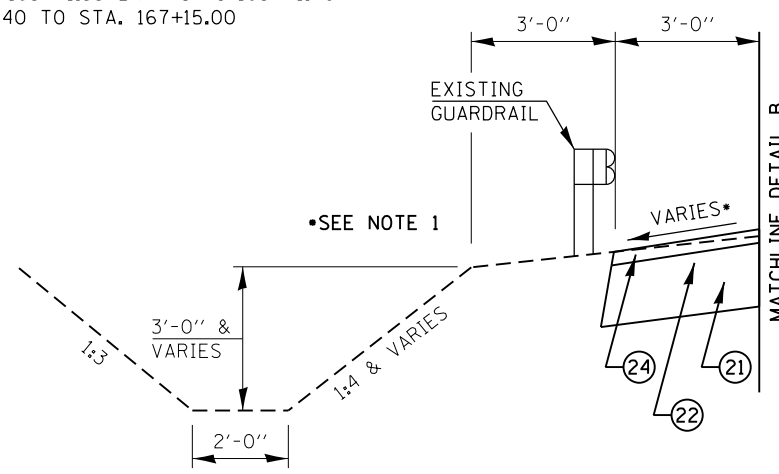
TYPICAL SECTION #11

BRIDGE OMISSION: STA. 137+12.52 TO STA. 138+31.57
 STA. 138+31.57 TO STA. 163+41.55
 STATION EQUATION: STA. 163+41.55 BK = STA. 163+41.40 AH
 STA. 163+41.40 TO STA. 167+15.00



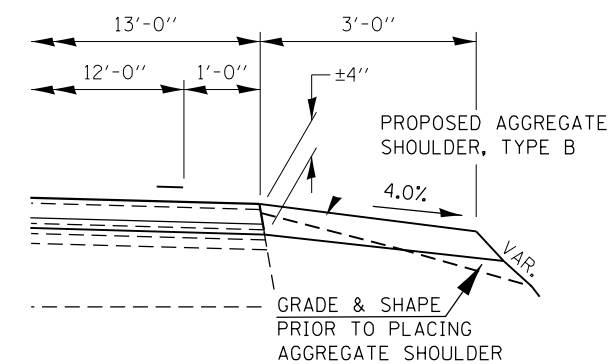
DETAIL A

STA. 140+79.00 TO STA. 158+02.00



DETAIL B

STA. 138+31.57 TO STA. 140+79.00
 STA. 158+02.00 TO STA. 163+41.55
 STATION EQUATION: STA. 163+41.55 BK = STA. 163+41.40 AH
 STA. 163+41.40 TO STA. 167+15.00



AGGREGATE SHOULDER DETAIL

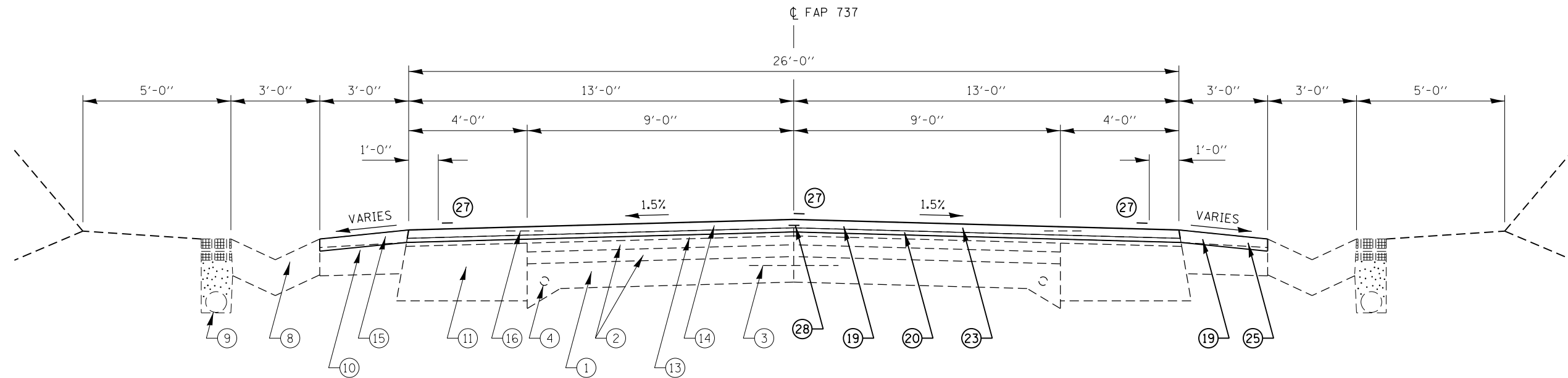
LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

NOTES:

- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Drawings\0672J16-sh-typical	DESIGNED -	REVISED -	737			(1) RS-4, BRR, BJR, BR	MENARD	66	23	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72J16							
Default	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							



TYPICAL SECTION #12

STA. 167+15.00 TO STA. 180+05.00 RT
 STA. 167+50.00 TO STA. 179+45.00 LT
 STA. 184+05.00 TO STA. 191+40.00 RT

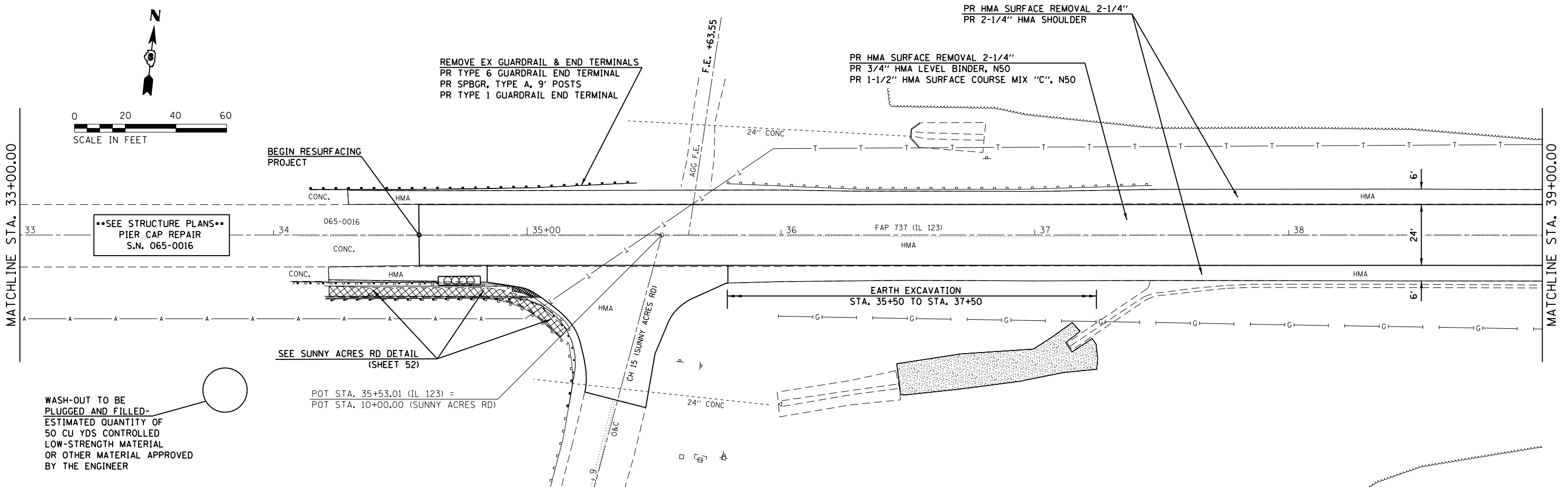
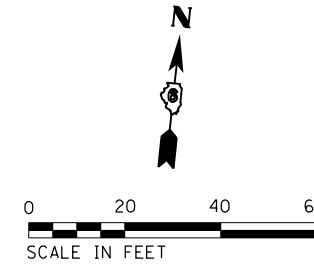
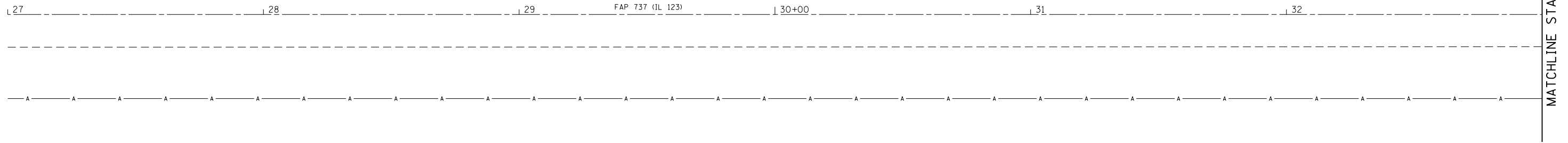
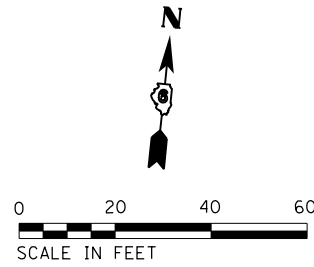
LEGEND

- | | | |
|---|--|---|
| ① EX. PCC PAVEMENT 9-6-9 | ⑫ EX. BITUMINOUS CONCRETE BASE COURSE, 8" | ⑱ PR. HMA SURFACE REMOVAL (1-1/2" & VARIABLE DEPTH) |
| ② EX. BITUMINOUS OVERLAY, 3-1/2" MIN. | ⑬ EX. BITUMINOUS CONC. LEVELING BINDER, 3/4" | ⑲ PR. HMA SURFACE REMOVAL (2-1/4") |
| ③ EX. LONGITUDINAL METAL JOINT WITH 1/2" DEFORMED BAR | ⑭ EX. BITUMINOUS CONC. SURFACE COURSE, 1-1/2" | ⑳ PR. LEVELING BINDER (MM), N50 (3/4") |
| ④ EX. 3/4" SMOOTH BAR | ⑮ EX. BITUMINOUS SHOULDER, SUPERPAVE | ㉑ PR. EXCAVATE & GRADE EXISTING SHOULDER |
| ⑤ EX. LEVELING BINDER (MM), MIX "B", TYPE 2, (VAR. DEPTH) | ⑯ EX. STRIP REFLECTIVE CRACK CONTROL TREATMENT | ㉒ PR. HMA SHOULDERS (6-1/2") |
| ⑥ EX. BIT. CONC. BASE COURSE WIDENING, 9" | ⑰ EX. CC&G TYPE B-6.24 | ㉓ PR. HMA SURFACE COURSE, MIX "C", N50 (1-1/2") |
| ⑦ EX. HMA CURB | | ㉔ PR. HMA SHOULDERS (1-1/2") |
| ⑧ EX. CONCRETE GUTTER | | ㉕ PR. HMA SHOULDERS (2-1/4") |
| ⑨ EX. PIPE UNDERDRAIN, 6" | | ㉖ PR. AGGREGATE SHOULDER, TYPE B |
| ⑩ EX. BITUMINOUS SHOULDER, 8" | | ㉗ PR. PAINT PAVEMENT MARKING |
| ⑪ EX. AGGREGATE BASE COURSE, 15" | | ㉘ PR. LONGITUDINAL JOINT SEAL |

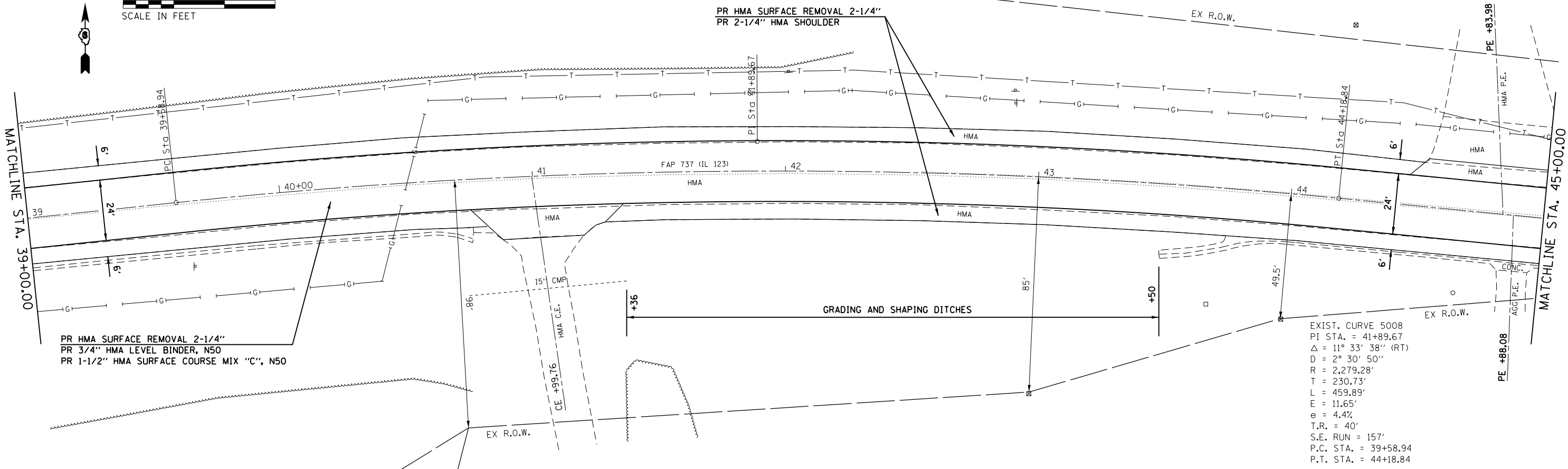
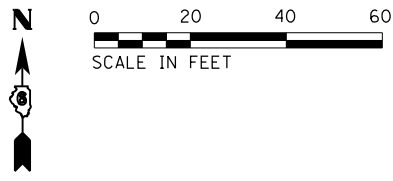
NOTES:

- IF SUPERELEVATIONS EXIST THE SHOULDER SLOPES ON THE HIGH SIDE MAXIMUM BREAK OVER SHOULD BE NO GREATER THAN 8% AND ON THE LOW SIDE THE SAME AS THE SUPERELEVATION IF OVER 4%.
- FOR LIMITS OF SUPERELEVATION, SEE SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY.

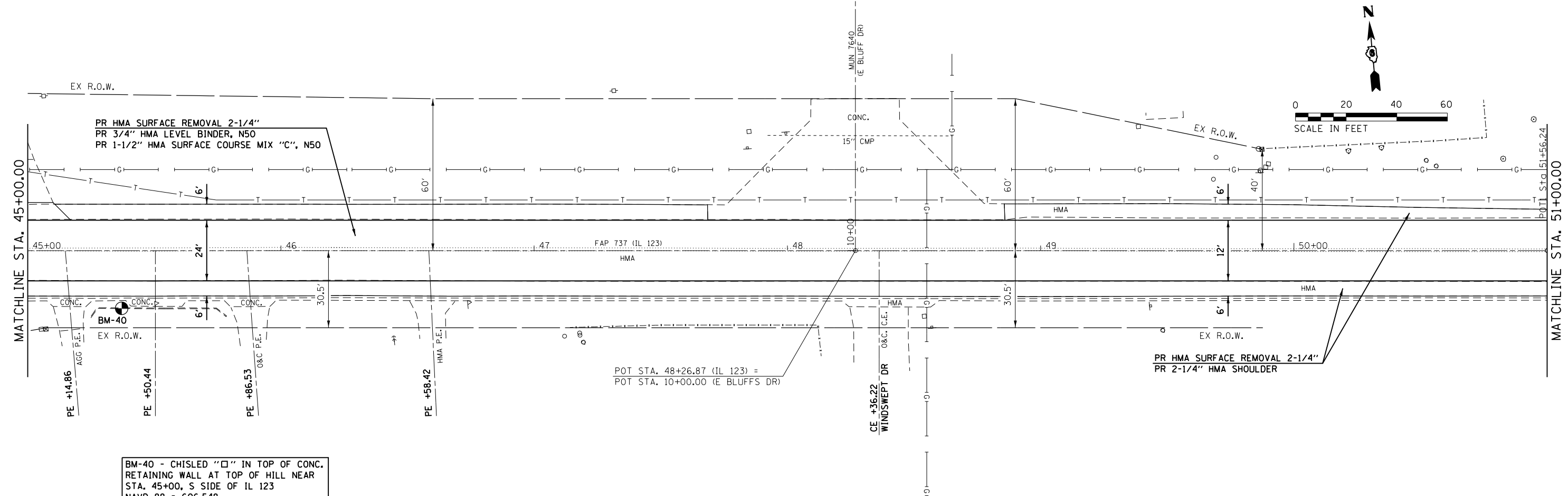
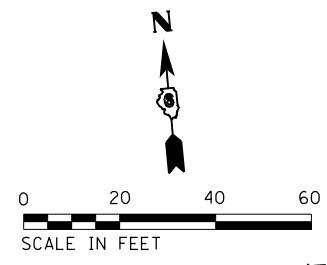
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pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\D672\Drawings\LEADsheets\D672J16-sh1-typical		CHECKED -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	24		
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 72J16		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 2/2/2017										



FILE NAME = p:\11084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\0672\0672-16-shr-plan-2017.dwg	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)			F.A.P. RTE. = 737	SECTION = (1) RS-4, BRR, BJR, BR	COUNTY = MENARD	TOTAL SHEETS = 66	SHEET NO. = 25
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. = 72J16	ILLINOIS FED. AID PROJECT			
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

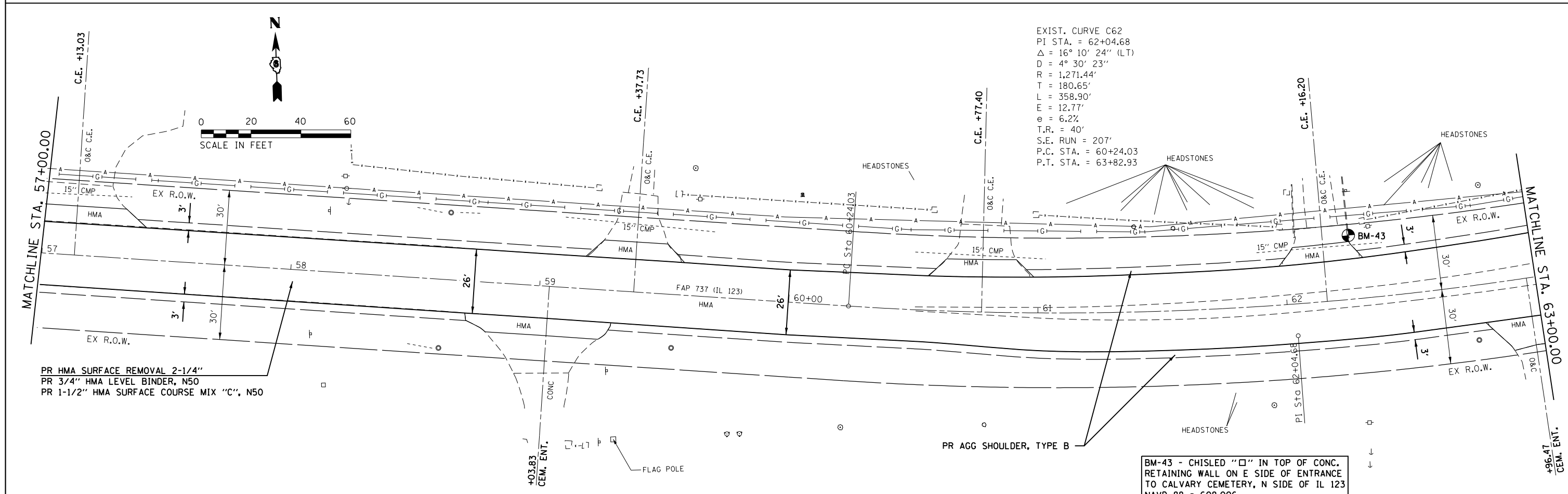
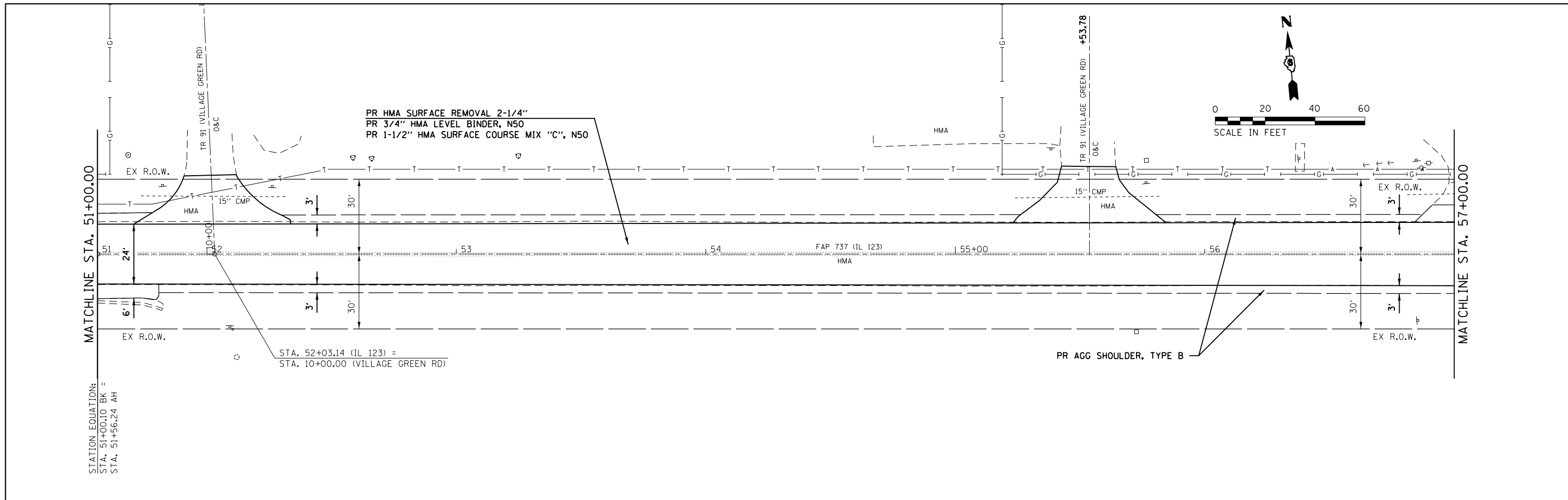


EXIST. CURVE 5008
 PI STA. = 41+89.67
 $\Delta = 11^\circ 33' 38''$ (RT)
 $D = 2^\circ 30' 50''$
 $R = 2,279.28'$
 $T = 230.73'$
 $L = 459.89'$
 $E = 11.65'$
 $e = 4.4\%$
 $T.R. = 40'$
 $S.E. RUN = 157'$
 $P.C. STA. = 39+58.94$
 $P.T. STA. = 44+18.84$



BM-40 - CHISLED "□" IN TOP OF CONC. RETAINING WALL AT TOP OF HILL NEAR STA. 45+00, S SIDE OF IL 123
 NAVD 88 = 606.548

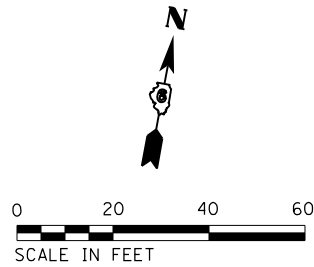
FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN SHEET FAP 737 (IL 123)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Sheets\0672216-sh1-plan.20	CHECKED -	REVISED -									737	(1) RS-4, BRR, BJR, BR	MENARD	66	26
	PLOT DATE = 2/2/2017	DATE -	REVISED -									CONTRACT NO. 72J16				ILLINOIS FED. AID PROJECT



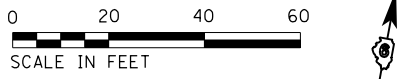
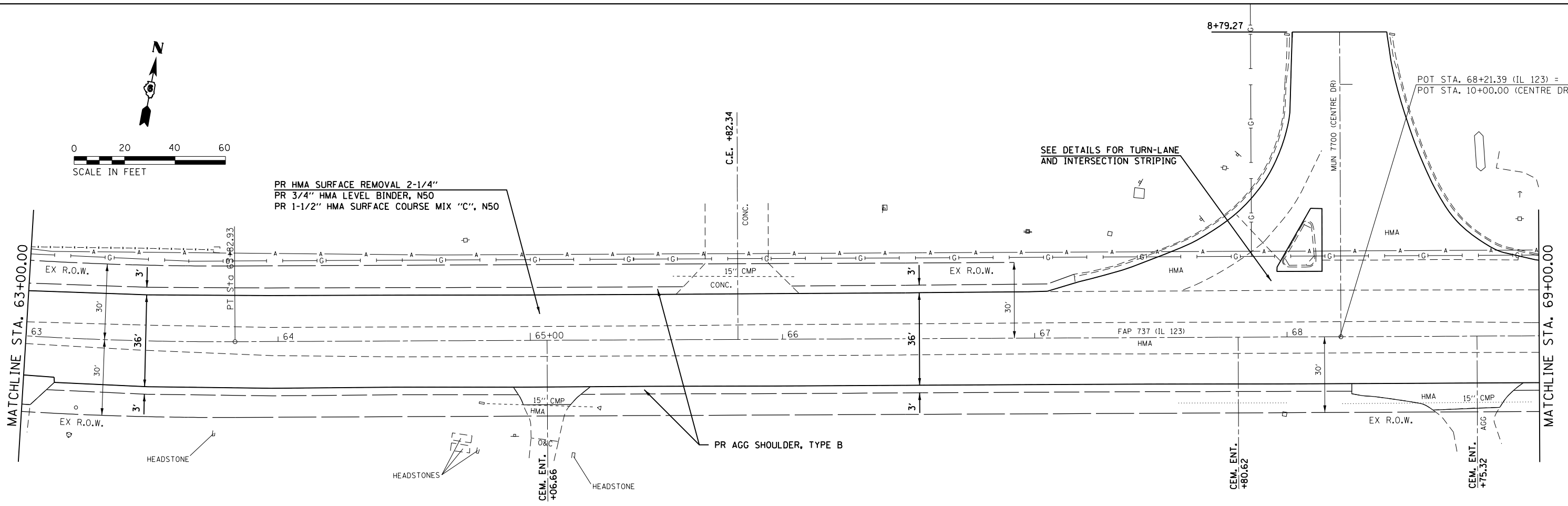
EXIST. CURVE C62
 PI STA. = 62+04.68
 $\Delta = 16^\circ 10' 24''$ (LT)
 $D = 4^\circ 30' 23''$
 $R = 1,271.44'$
 $T = 180.65'$
 $L = 358.90'$
 $E = 12.77'$
 $e = 6.2\%$
 $T.R. = 40'$
 $S.E. RUN = 207'$
 $P.C. STA. = 60+24.03$
 $P.T. STA. = 63+82.93$

BM-43 - CHISLED "□" IN TOP OF CONC. RETAINING WALL ON E SIDE OF ENTRANCE TO CALVARY CEMETERY, N SIDE OF IL 123 NAVD 88 = 608.006

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\D672\Drawings\AD\Sheets\D672J16-sht-plan-2		DRAWN -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	27			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72J16							
	PLOT DATE = 2/2/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

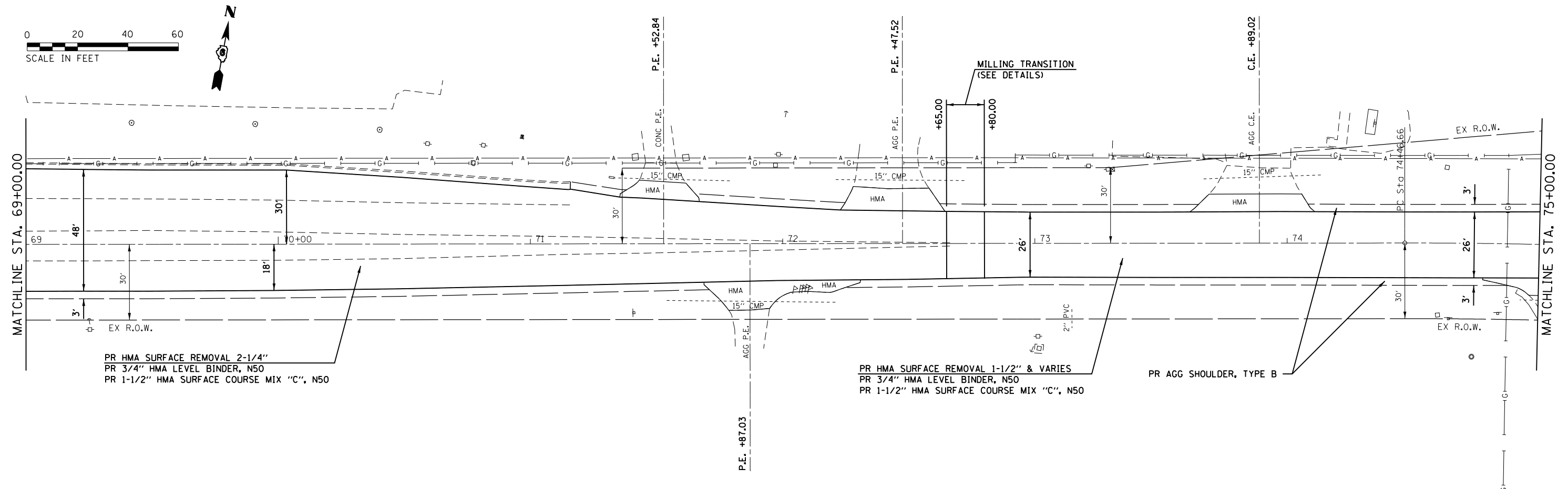


PR HMA SURFACE REMOVAL 2-1/4"
 PR 3/4" HMA LEVEL BINDER, N50
 PR 1-1/2" HMA SURFACE COURSE MIX "C", N50



PR HMA SURFACE REMOVAL 2-1/4"
 PR 3/4" HMA LEVEL BINDER, N50
 PR 1-1/2" HMA SURFACE COURSE MIX "C", N50

PR HMA SURFACE REMOVAL 1-1/2" & VARIES
 PR 3/4" HMA LEVEL BINDER, N50
 PR 1-1/2" HMA SURFACE COURSE MIX "C", N50



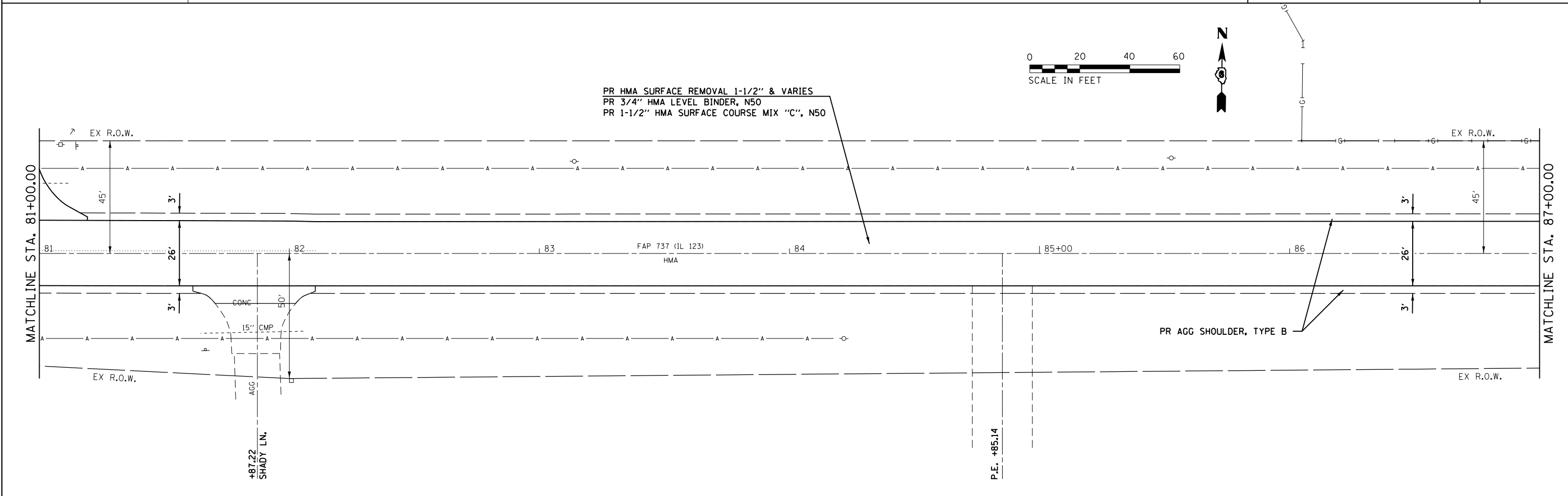
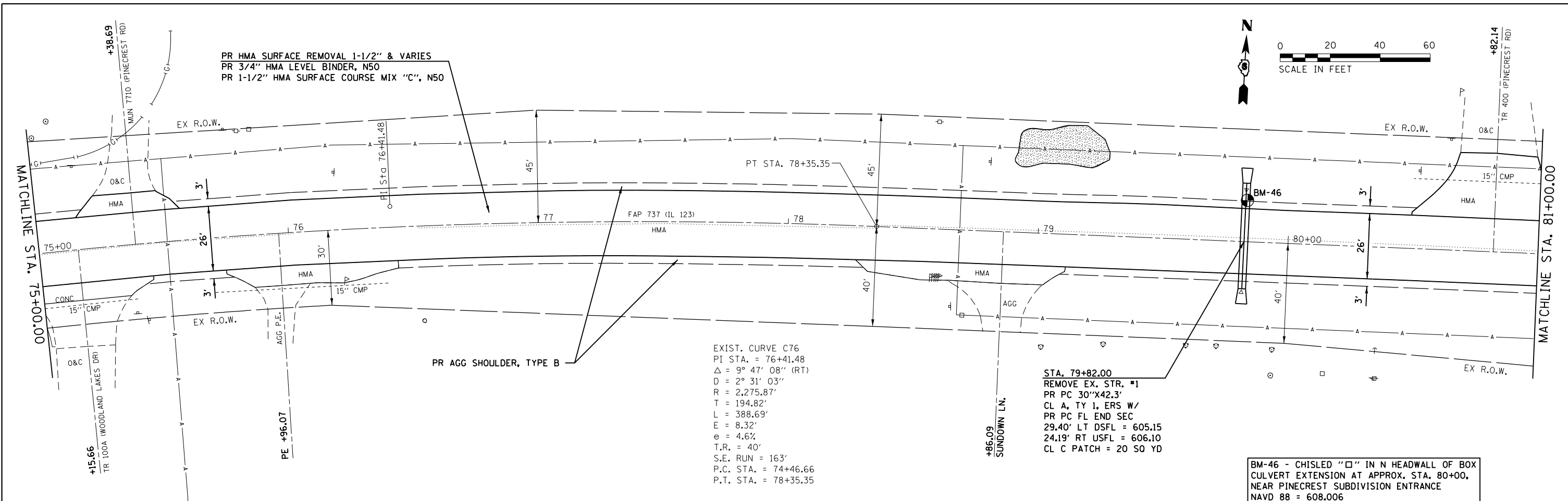
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pw:\IL084EBID\INTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\LEADsheets\0672\16-shr-plan.2017.dwg		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

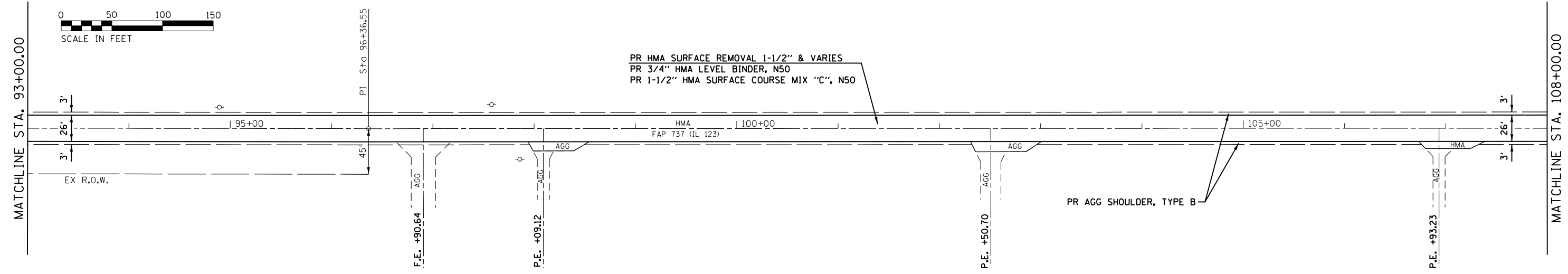
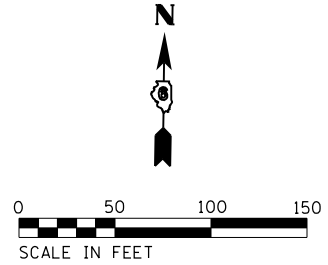
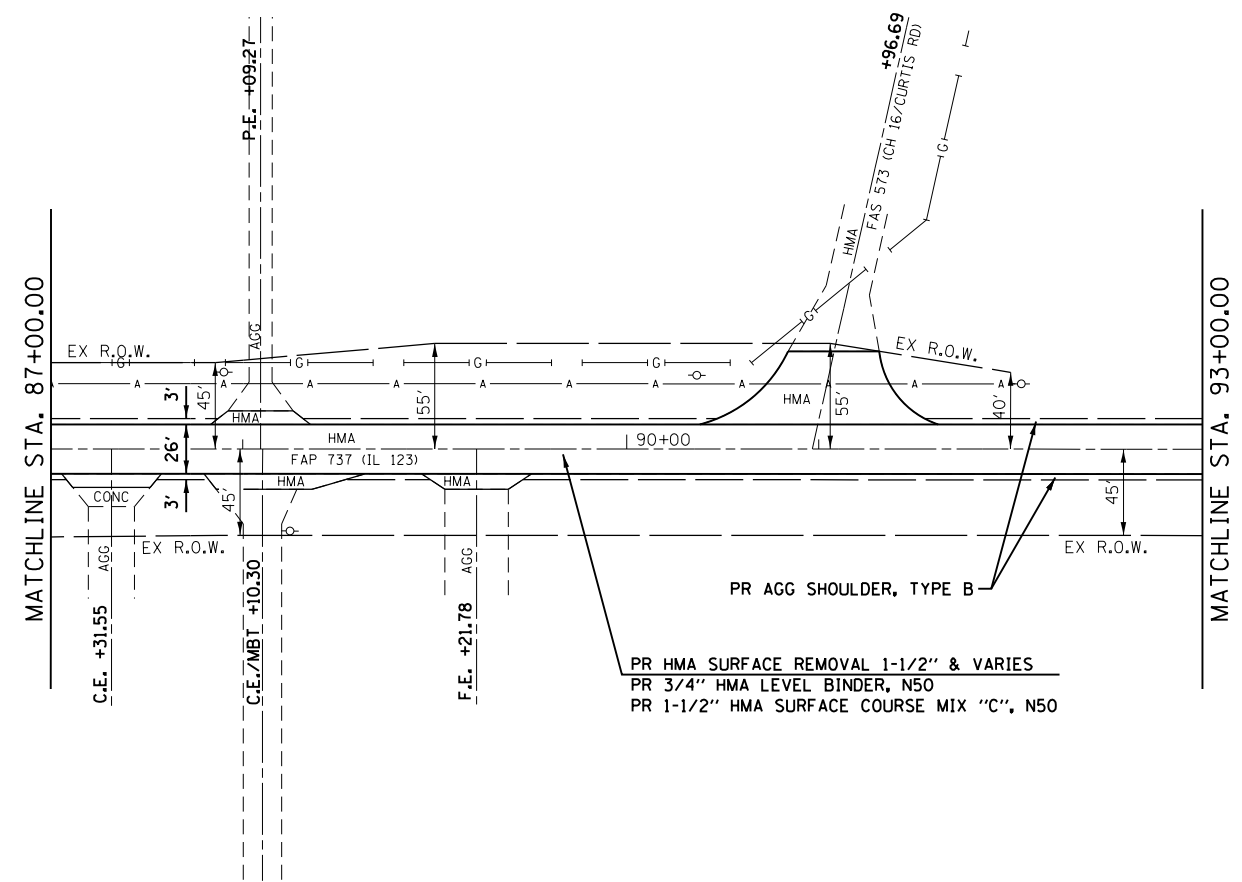
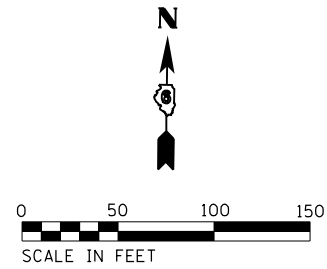
PLAN SHEET
 FAP 737 (IL 123)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	28
CONTRACT NO. 72J16			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\D672\Drawings\AD\Sheets\D672J16-sht-plan-20	DRWN	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	737	(1) RS-4, BRR, BJR, BR	MENARD	66	29
Default	PLOT SCALE = 48.0000' / in.	DATE -	REVISED -									CONTRACT NO. 72J16				
	PLOT DATE = 2/2/2017											ILLINOIS FED. AID PROJECT				



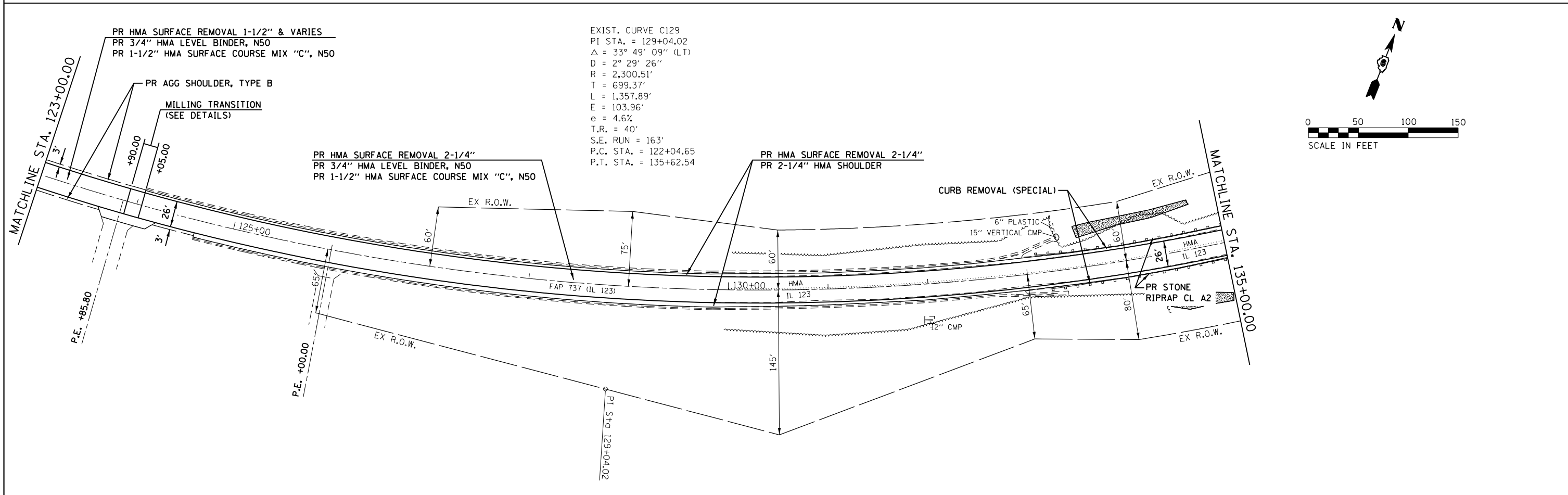
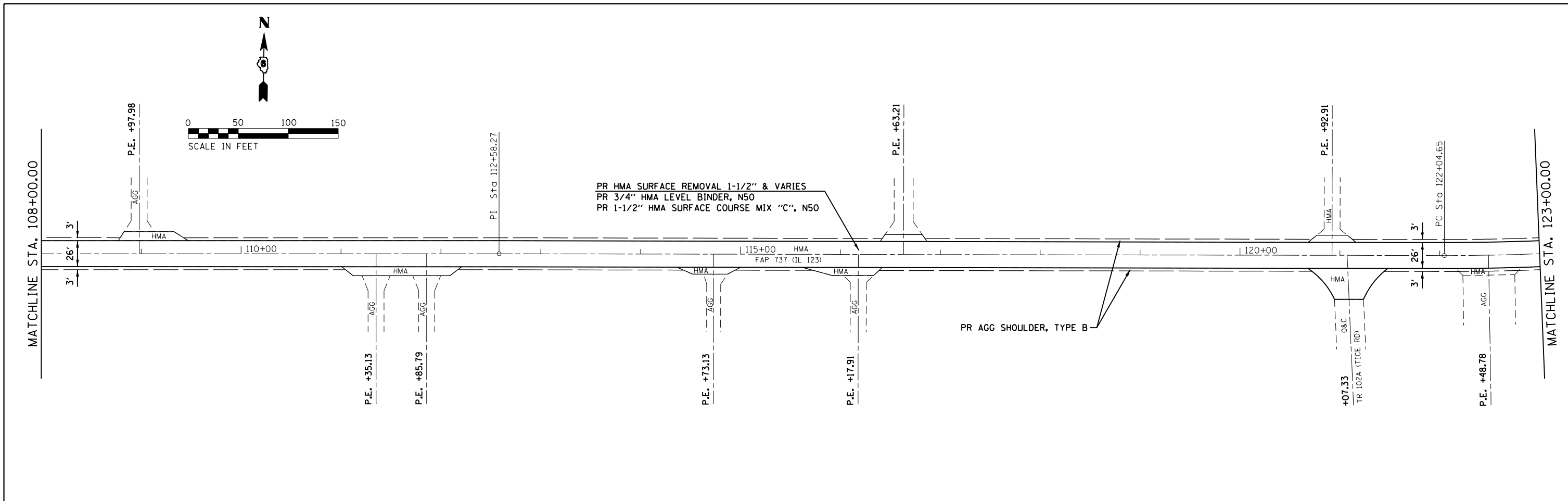
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Sheets\0672J16-sht-plan-50		CHECKED -	REVISED -
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

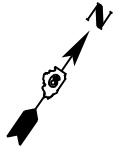
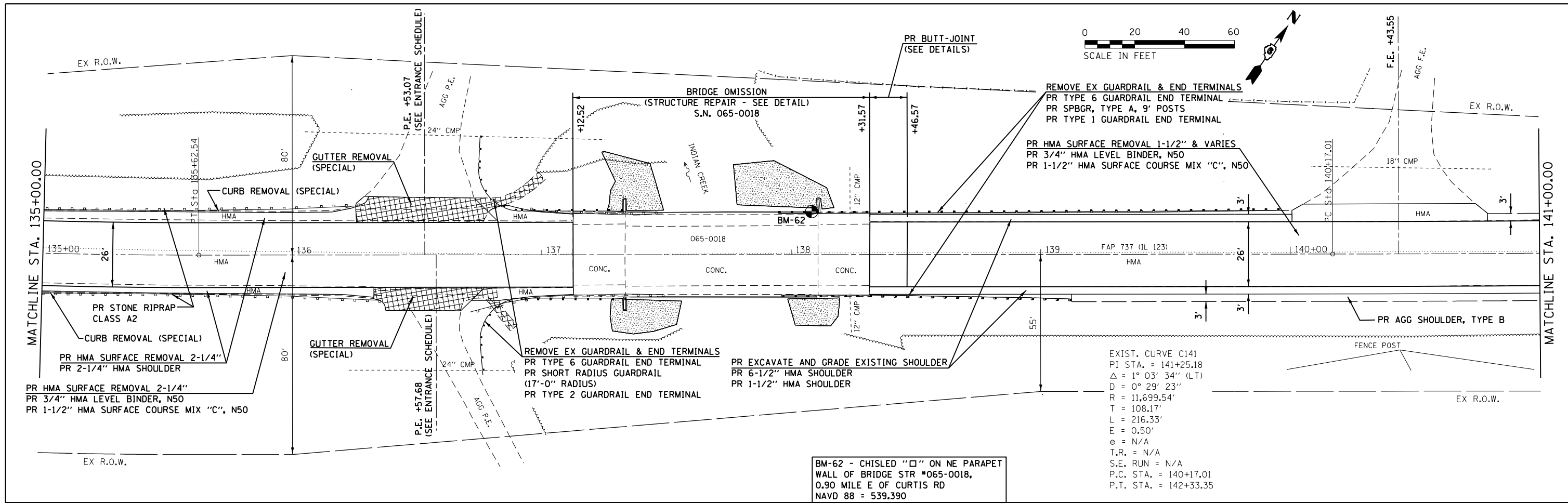
**PLAN SHEET
FAP 737 (IL 123)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	30
ILLINOIS FED. AID PROJECT			CONTRACT NO.	72J16

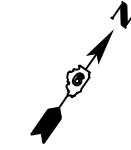
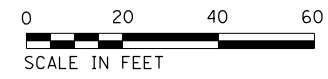
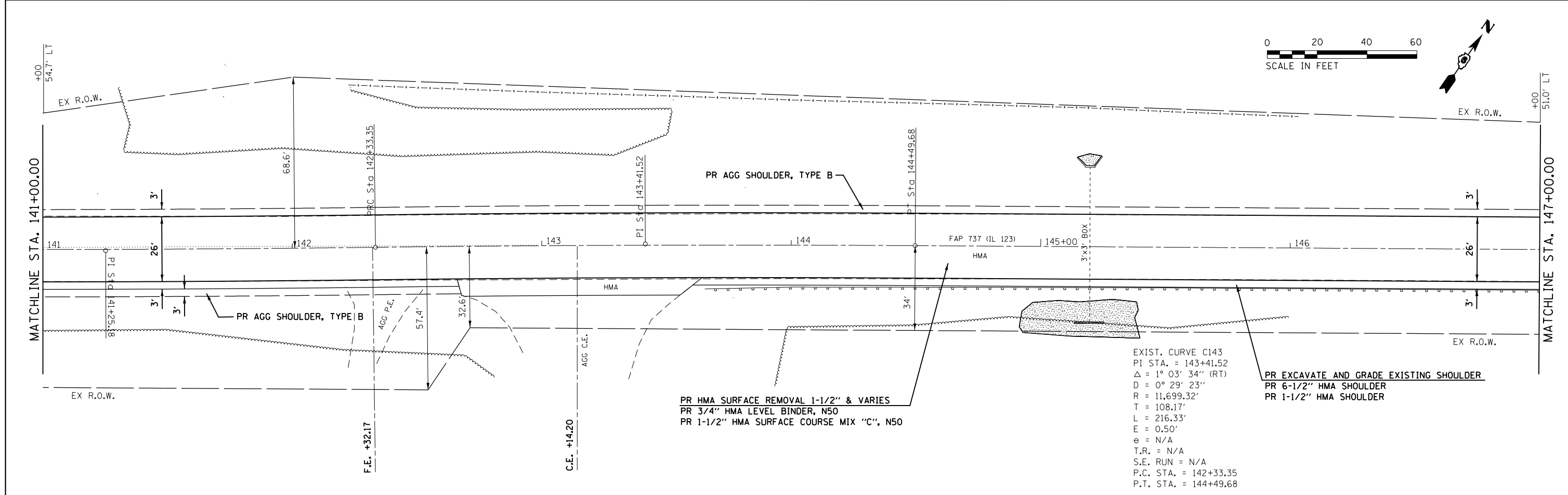


FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 72J16		ILLINOIS FED. AID PROJECT		



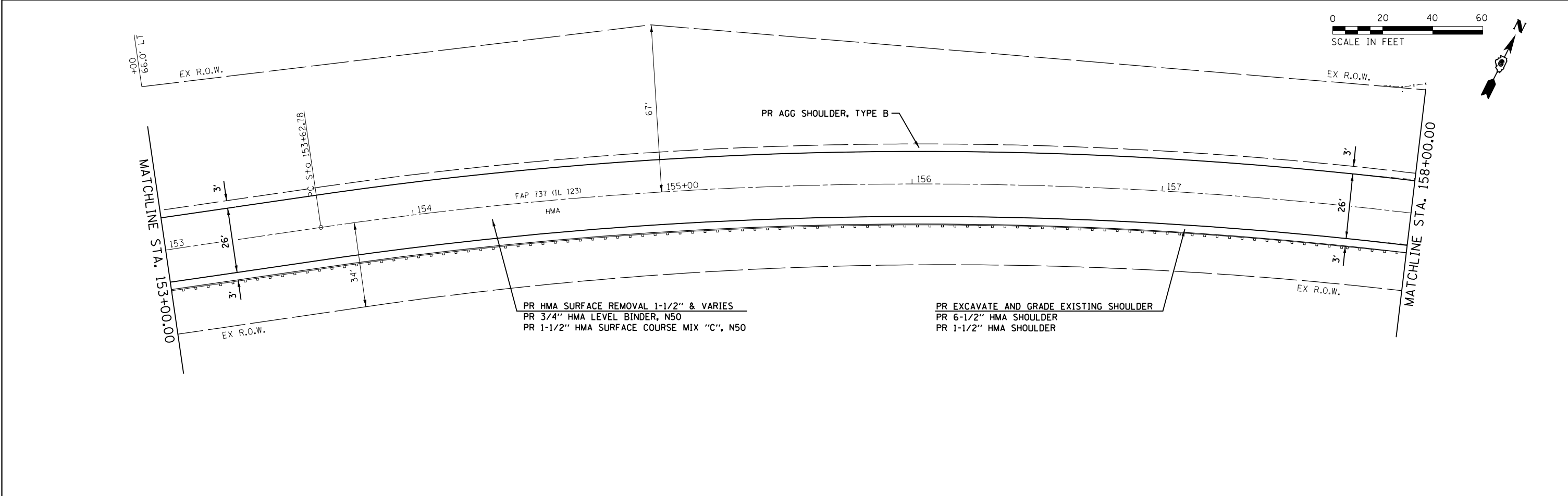
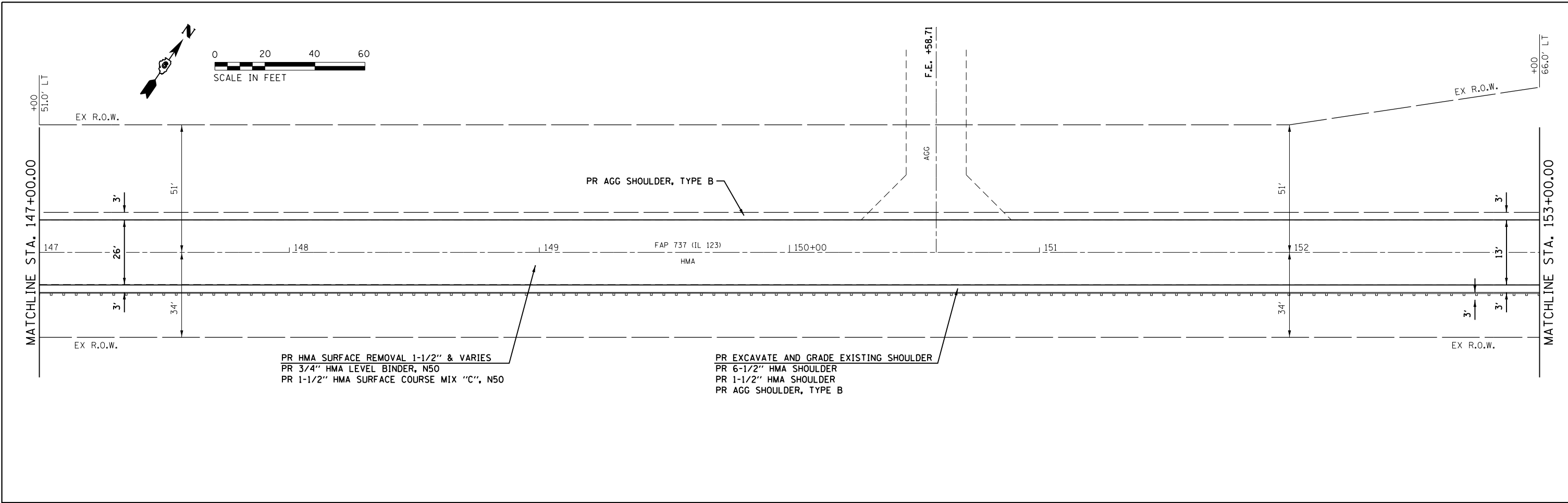
BM-62 - CHISLED "□" ON NE PARAPET WALL OF BRIDGE STR #065-0018, 0.90 MILE E OF CURTIS RD NAVD 88 = 539,390

EXIST. CURVE C141
 PI STA. = 141+25.18
 Δ = 1° 03' 34" (LT)
 D = 0° 29' 23"
 R = 11,699.54'
 T = 108.17'
 L = 216.33'
 E = 0.50'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 140+17.01
 P.T. STA. = 142+33.35

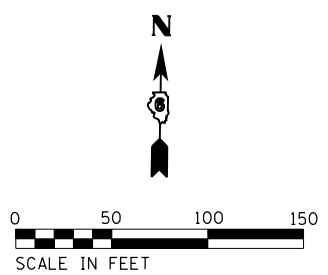
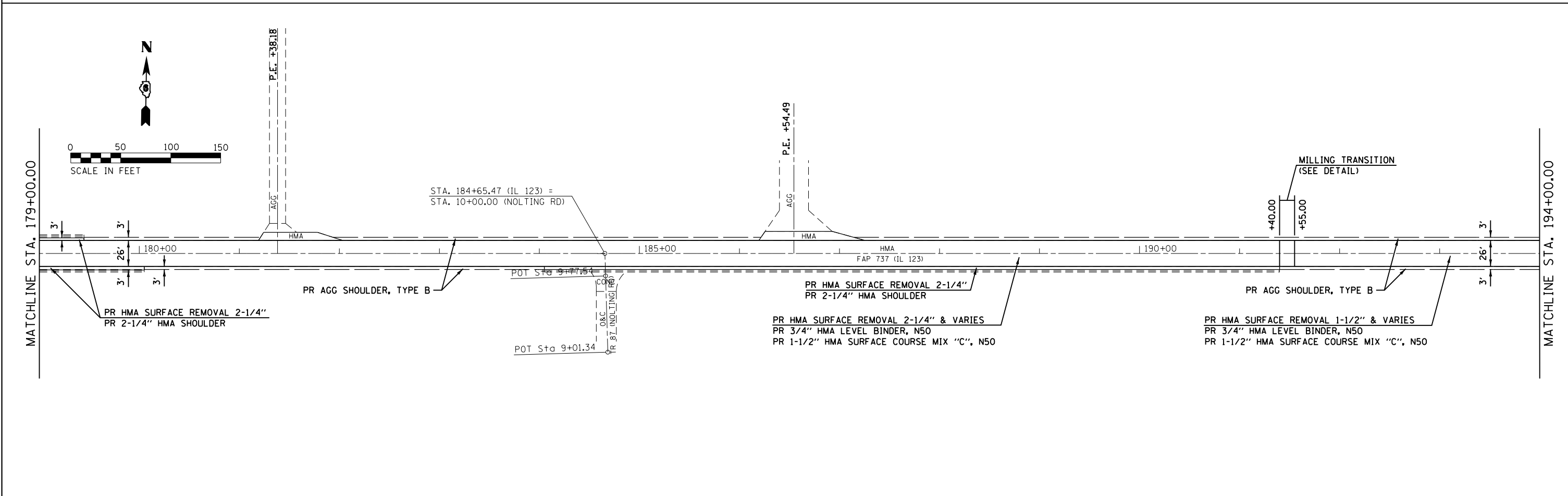
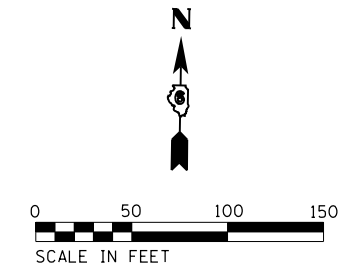
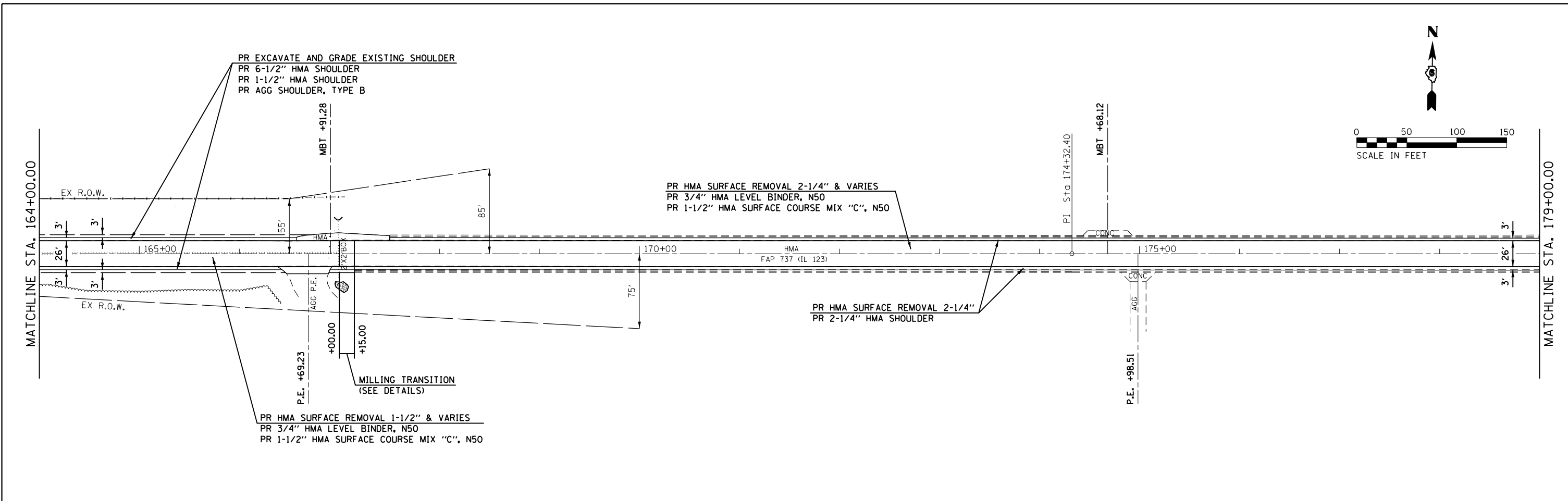


EXIST. CURVE C143
 PI STA. = 143+41.52
 Δ = 1° 03' 34" (RT)
 D = 0° 29' 23"
 R = 11,699.32'
 T = 108.17'
 L = 216.33'
 E = 0.50'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 142+33.35
 P.T. STA. = 144+49.68

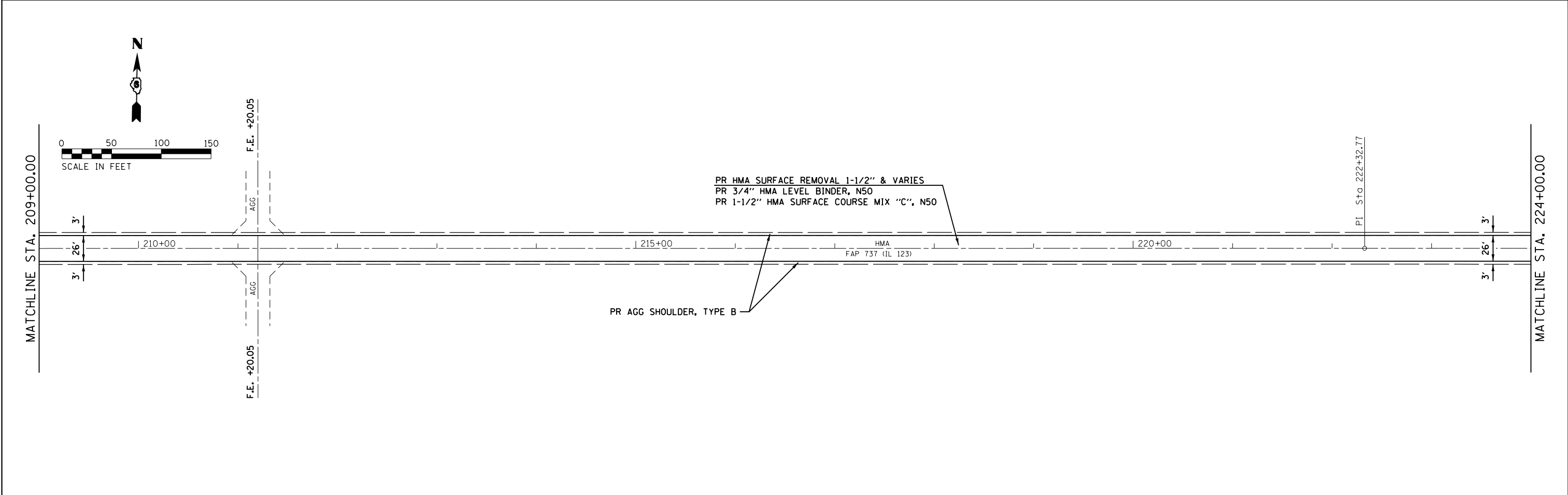
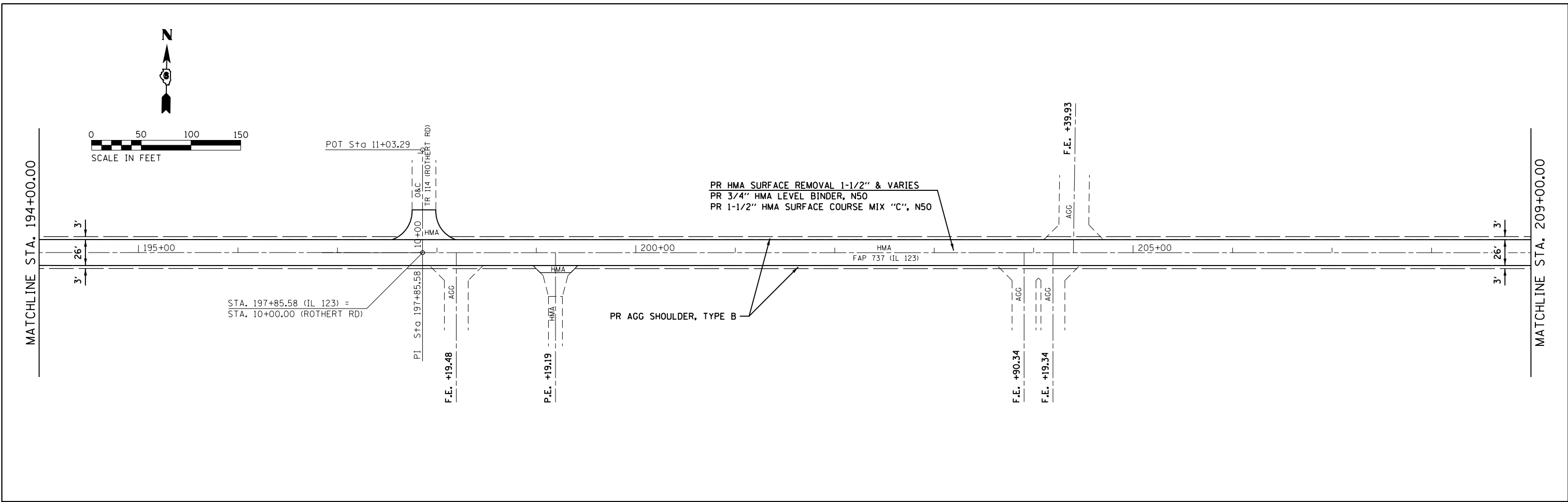
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLT DATE = 2/2/2017	DATE -	REVISED -			CONTRACT NO. 72J16					
						ILLINOIS FED. AID PROJECT					



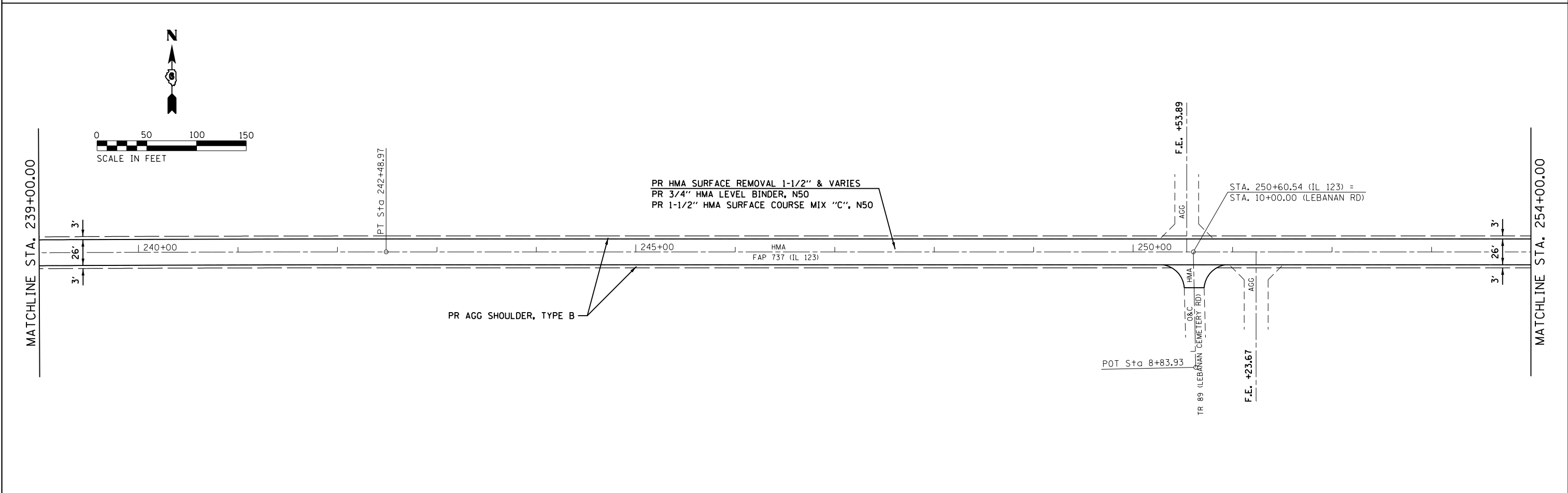
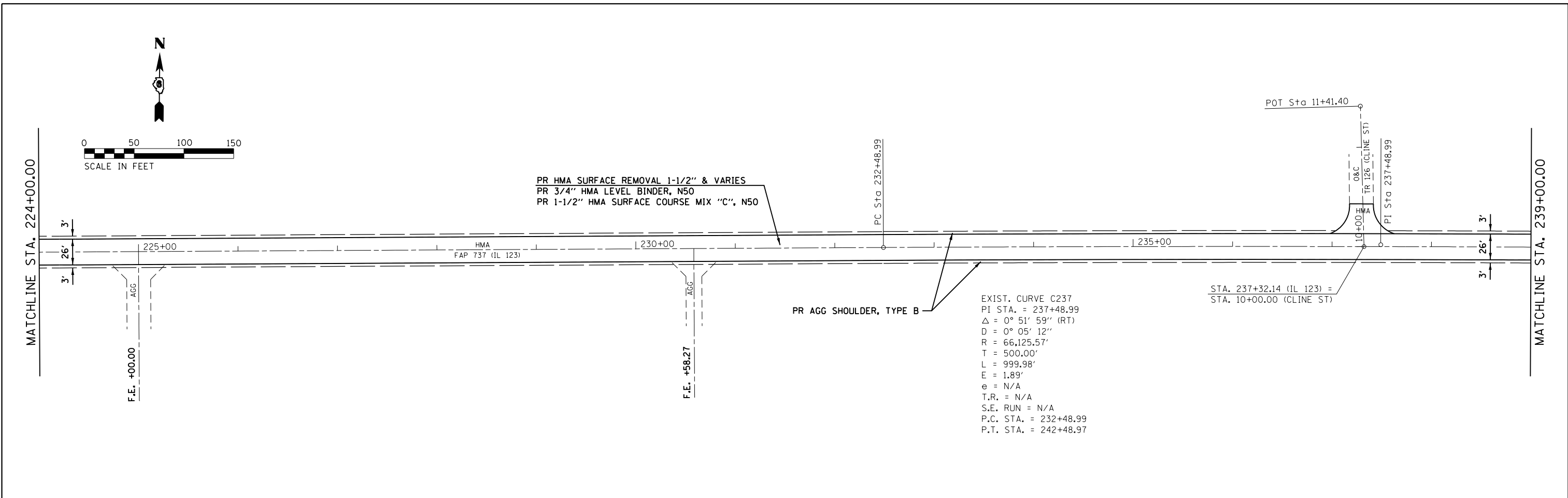
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\Roadsheets\0672\16-shr-plan-2017	DRAWN	REVISION	REVISION			737	(1) RS-4, BRR, BJR, BR	MENARD	66	33
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 72J16				
Default	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				



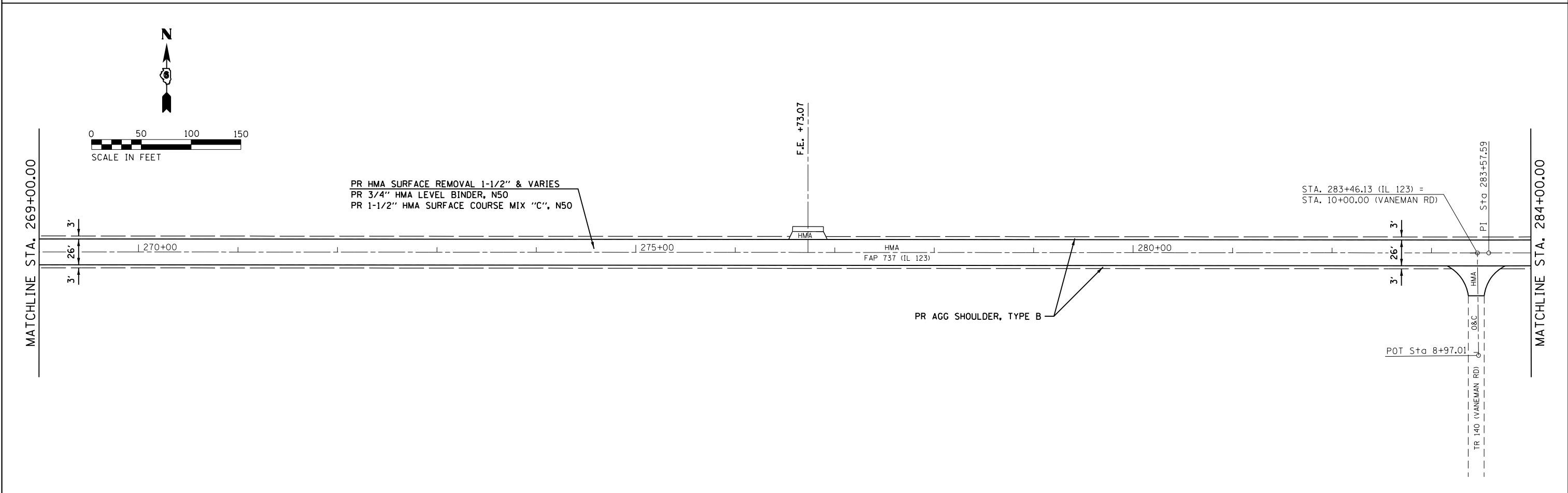
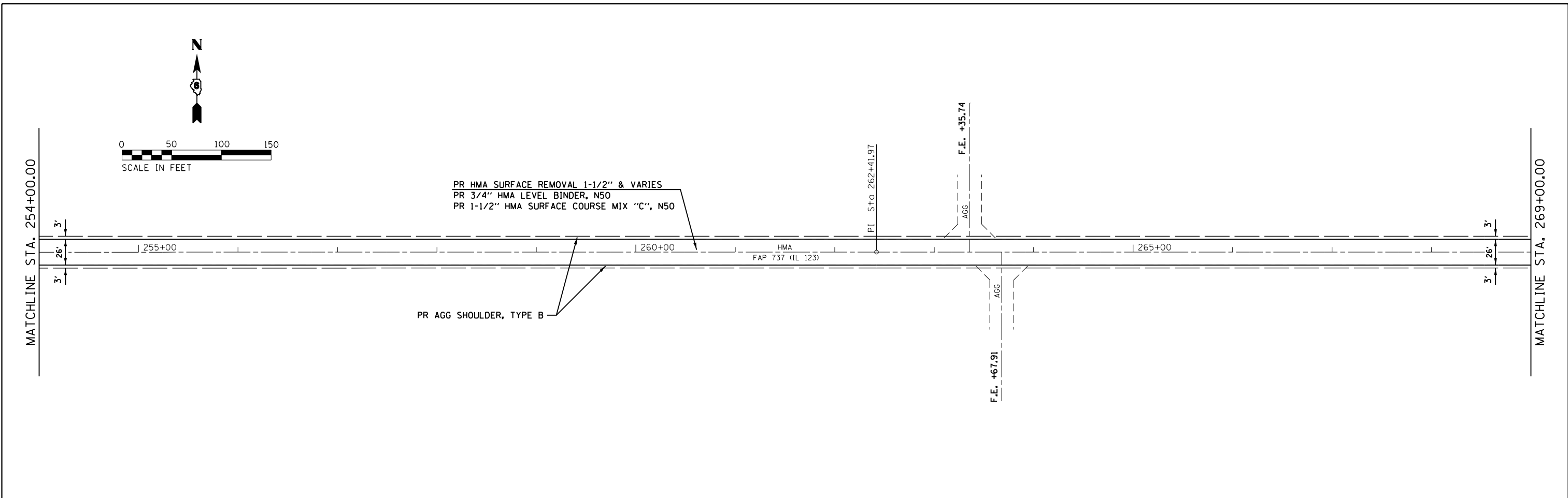
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Drawings\0672\16-shr-plan-50	DRAWN -	CHECKED -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	35				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 72J16				
	PLOT DATE = 2/2/2017								ILLINOIS FED. AID PROJECT				



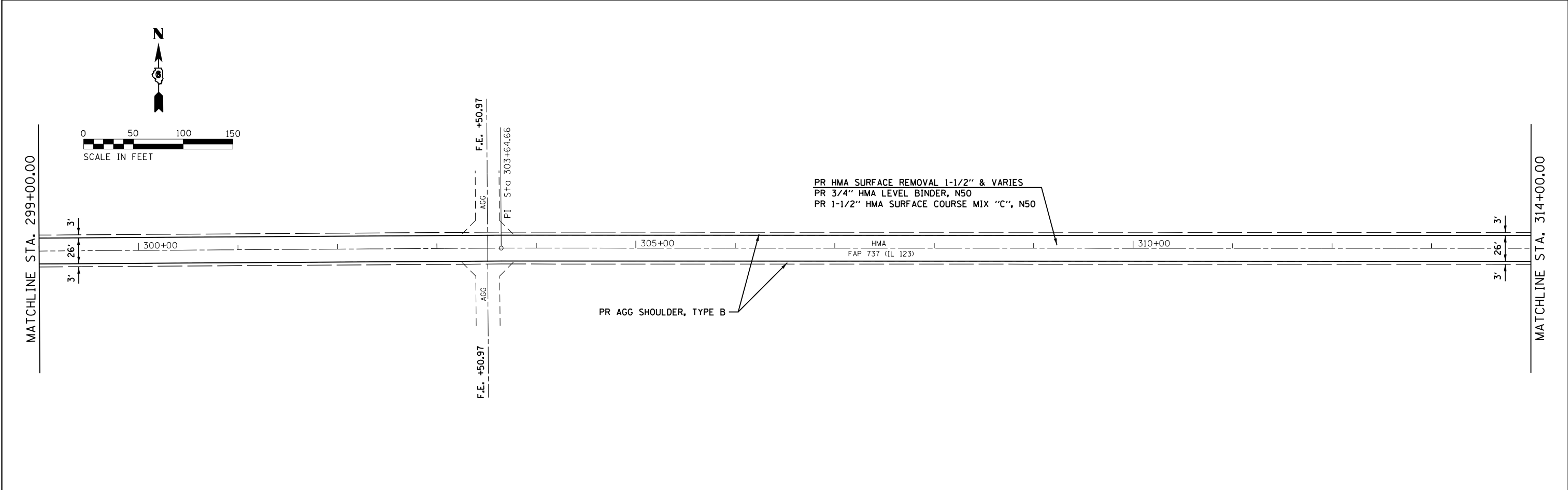
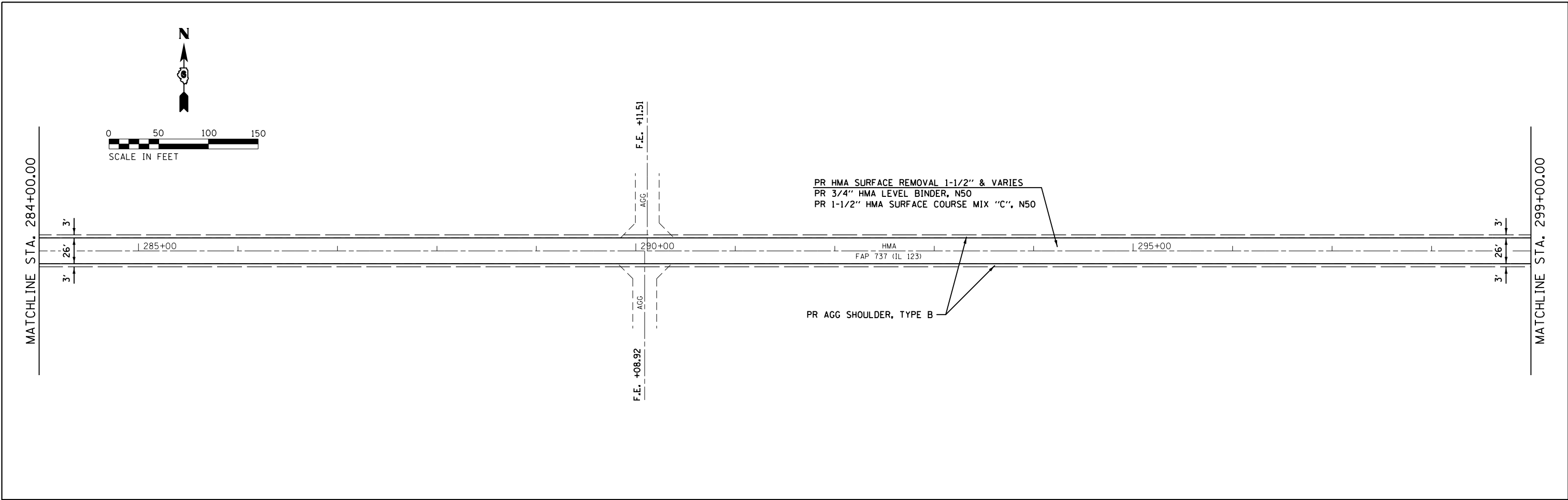
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pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\AD\Drawings\0672\16-shr-plan-50	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	36			
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72J16				
					ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)				F.A.P. RTE. 737	SECTION (1) RS-4, BRR, BJR, BR	COUNTY MENARD	TOTAL SHEETS 66	SHEET NO. 37
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 2/2/2017												



FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 6\Projects\0672216\Drawings\AD\Drawings\0672216-shr-plan-50	DRAWN	CHECKED -	REVISED -		737	(1) RS-4, BRR, BJR, BR	MENARD	66	38			
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72J16				
	PLOT DATE = 2/2/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



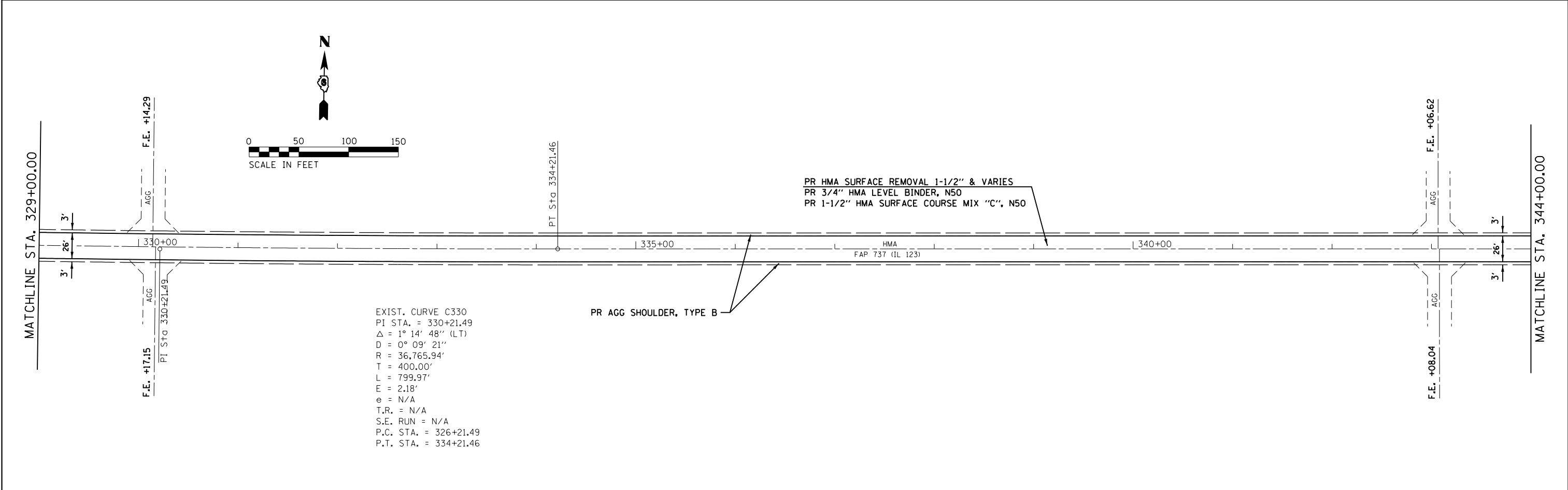
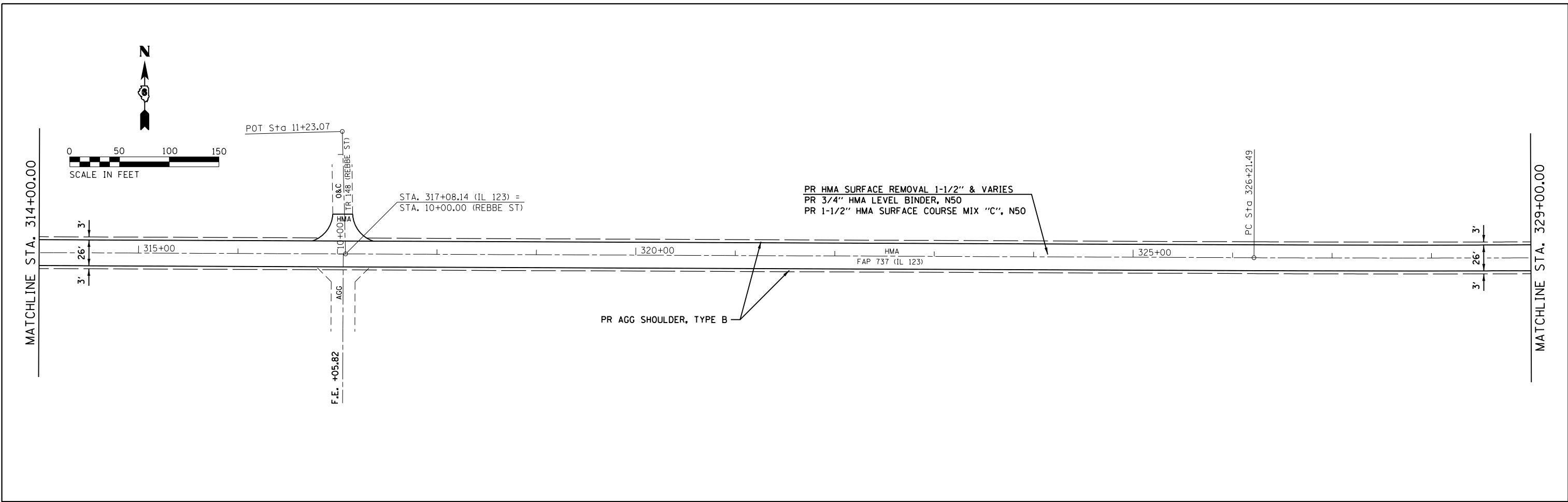
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
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Default	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
FAP 737 (IL 123)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	65	39
CONTRACT NO.			72J16	
ILLINOIS FED. AID PROJECT				



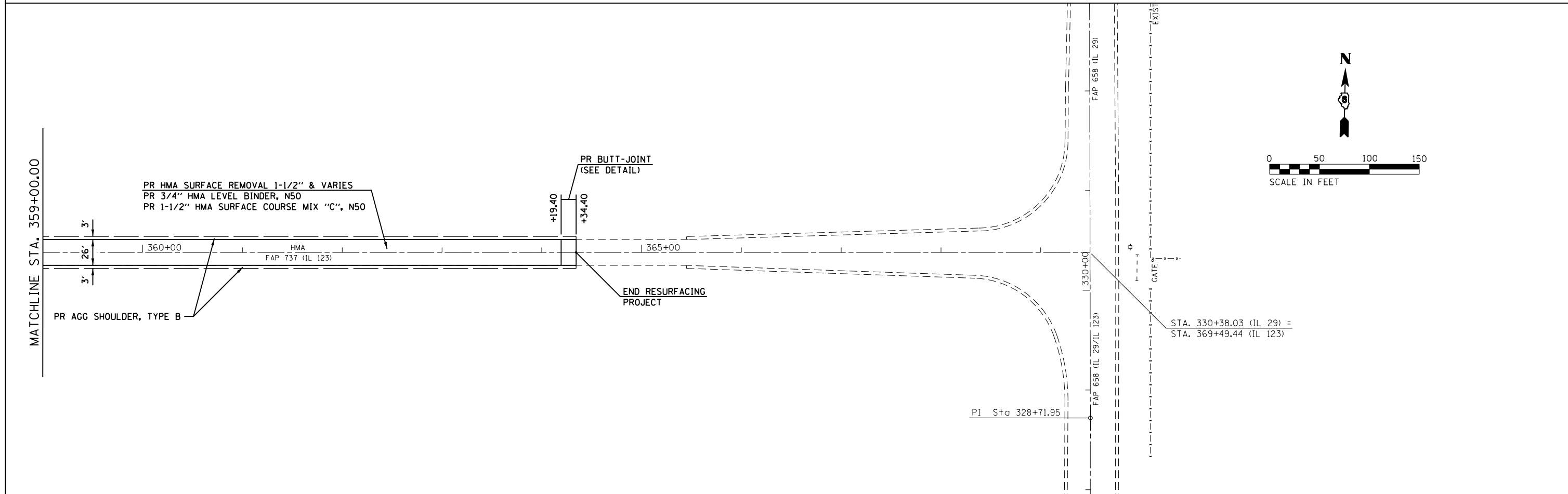
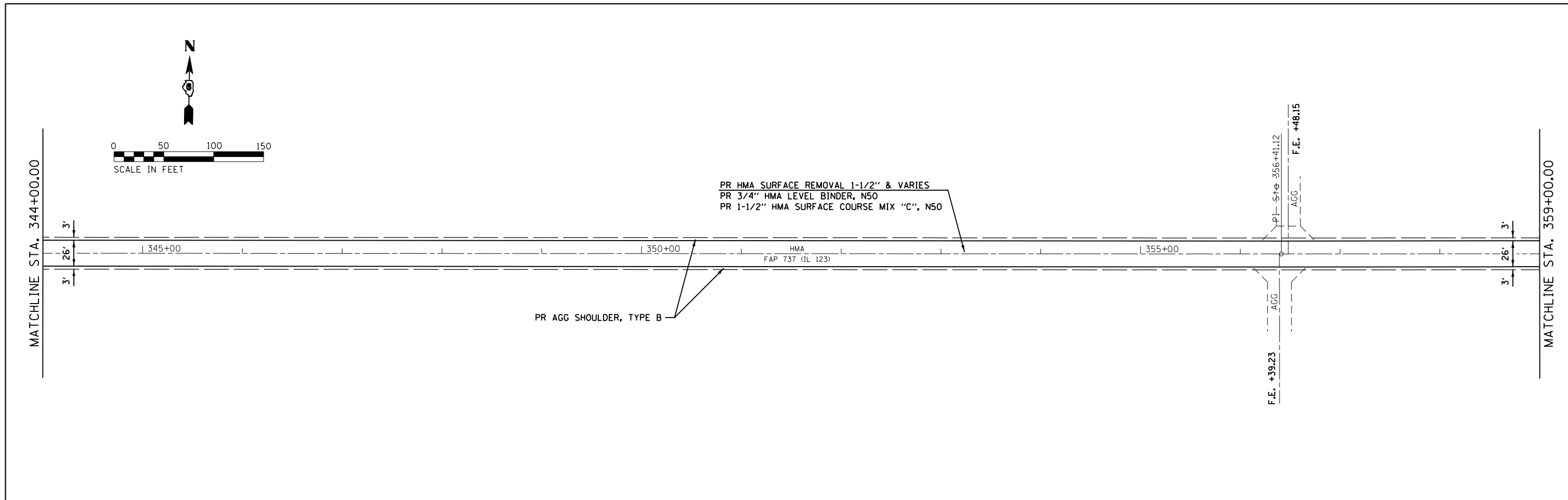
EXIST. CURVE C330
 PI STA. = 330+21.49
 Δ = 1° 14' 48" (LT)
 D = 0° 09' 21"
 R = 36,765.94'
 T = 400.00'
 L = 799.97'
 E = 2.18'
 e = N/A
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 326+21.49
 P.T. STA. = 334+21.46

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT Documents\DOT Offices\District 6\Projects\067216\Drawings\067216-shd-plan-50		DRAWN -	REVISED -
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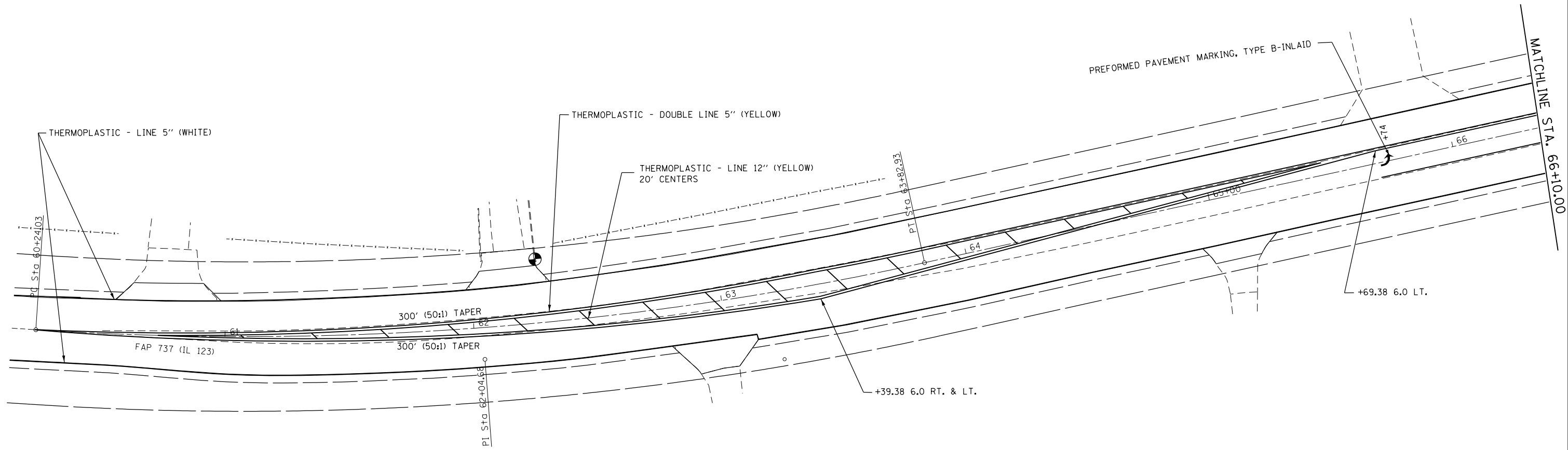
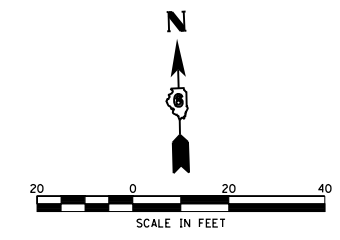
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
FAP 737 (IL 123)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	40
CONTRACT NO.			72J16	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Sheets\0672\16-shr-plan-50	DRAWN	REVIS	REVIS		737	(1) RS-4, BRR, BJR, BR	MENARD	66	41			
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72J16			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/2/2017	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

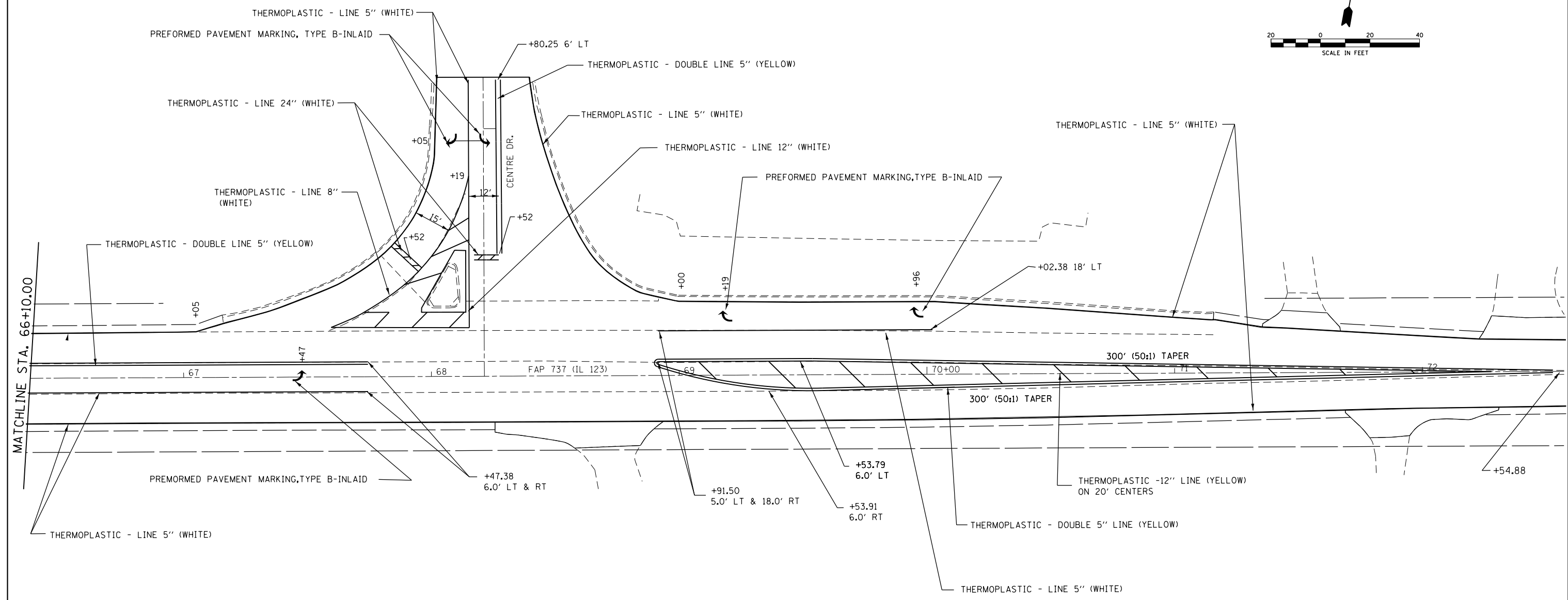
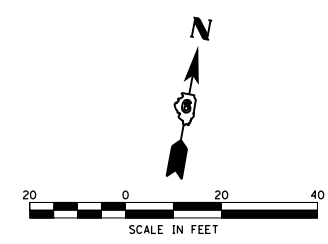


FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL FAP 737 (IL 123)/CENTRE DR.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	42
CONTRACT NO.			72J16	
ILLINOIS FED. AID PROJECT				

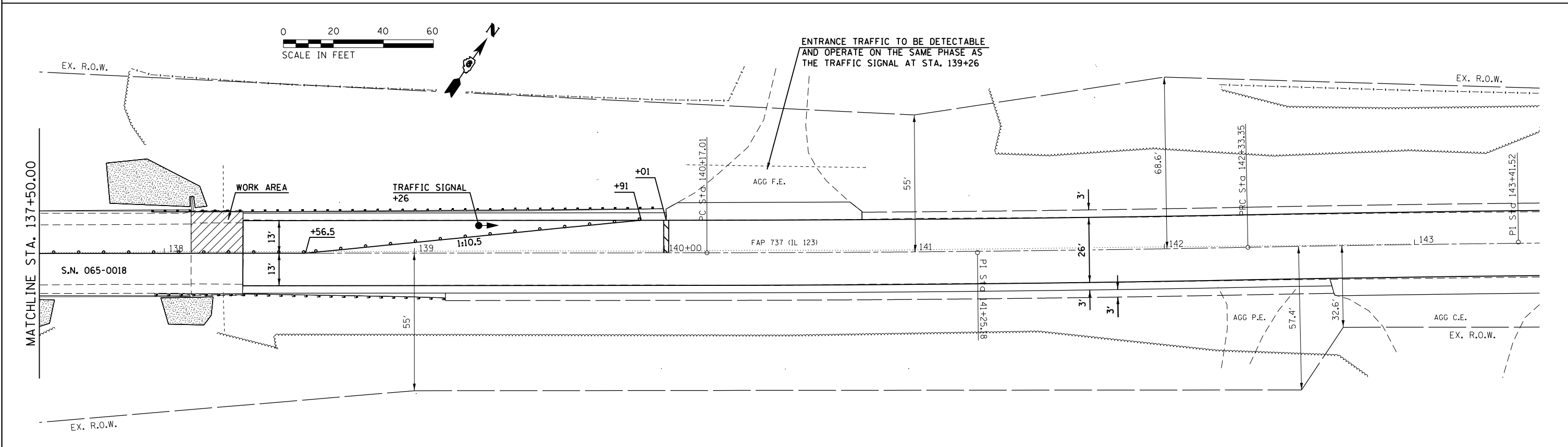
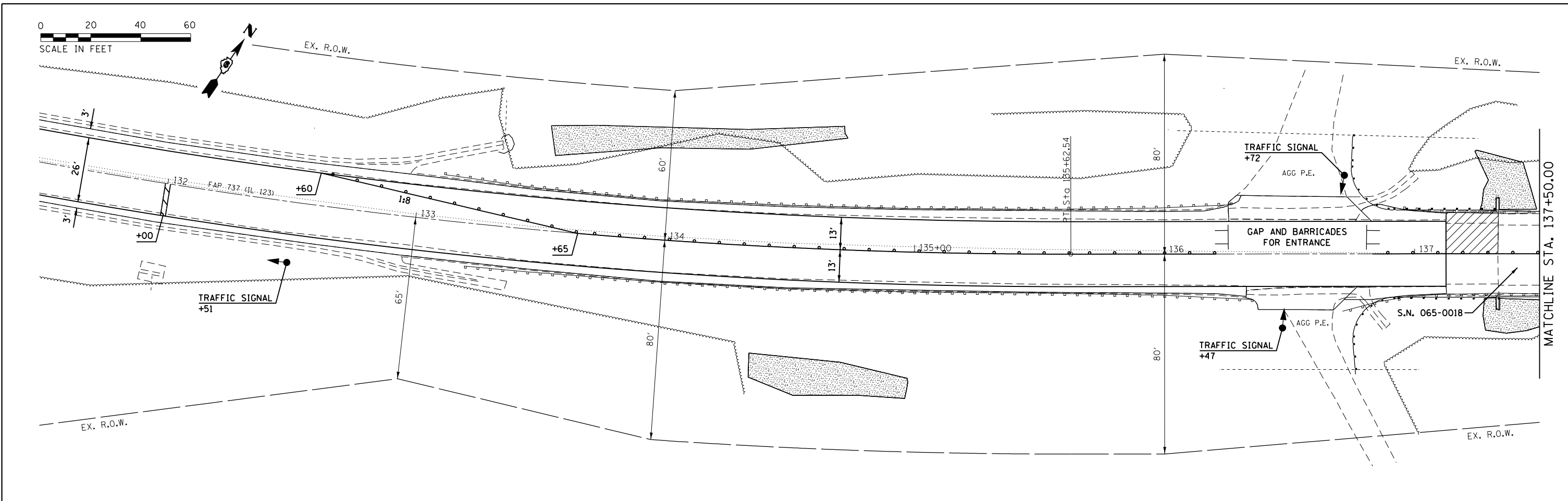


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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

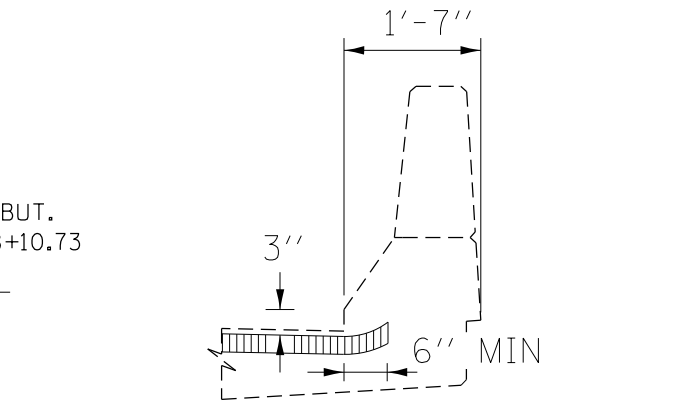
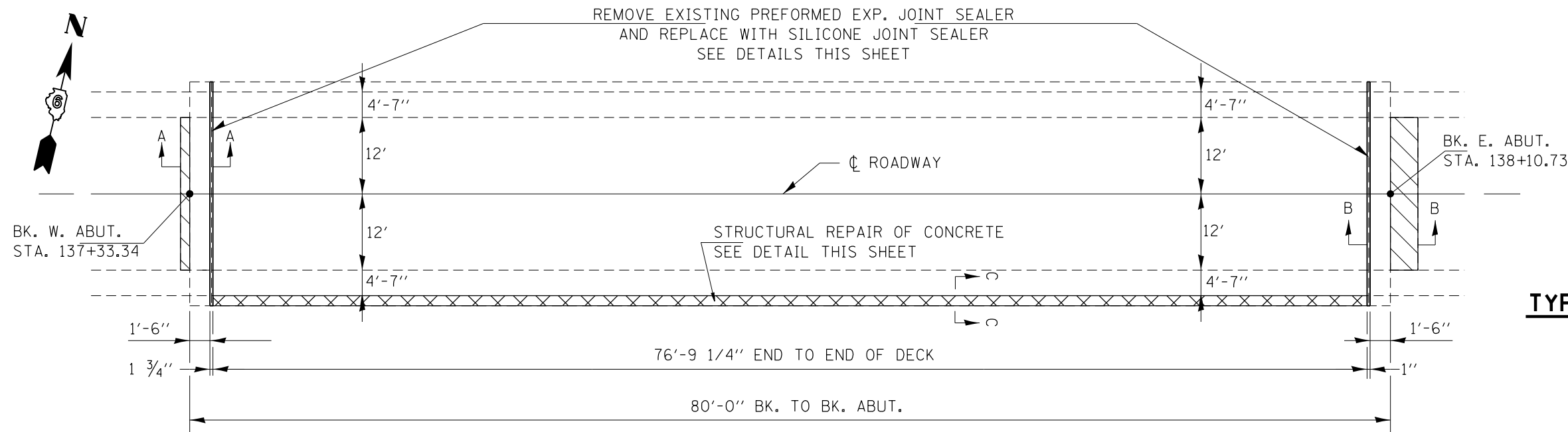
PAVEMENT MARKING DETAIL FAP 737 (IL 123)/CENTRE DR.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	43
CONTRACT NO.			72J16	
ILLINOIS FED. AID PROJECT				

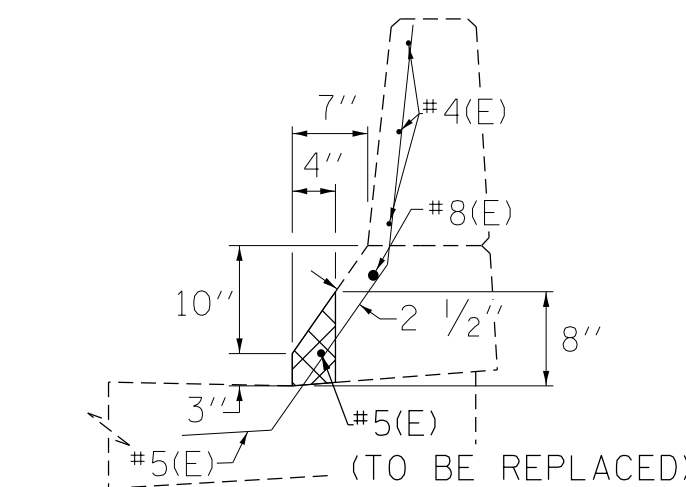


NOTE:
SIGNS AND TRAFFIC CONTROL DEVICES NOT SHOWN IN THIS DETAIL
SHALL CONFORM TO STANDARD 701316.

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL PLAN - STAGE II FAP 737 (IL 123)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Drawings\0672\16-shr-Staging\REVISED -	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	737	(1) RS-4, BRR, BJR, BR	MENARD	66	45
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -												CONTRACT NO.	72J16
															ILLINOIS FED. AID PROJECT	



TYPICAL END OF SEAL TREATMENT



SECTION C-C
STRUCTURAL REPAIR OF CONCRETE

NOTES

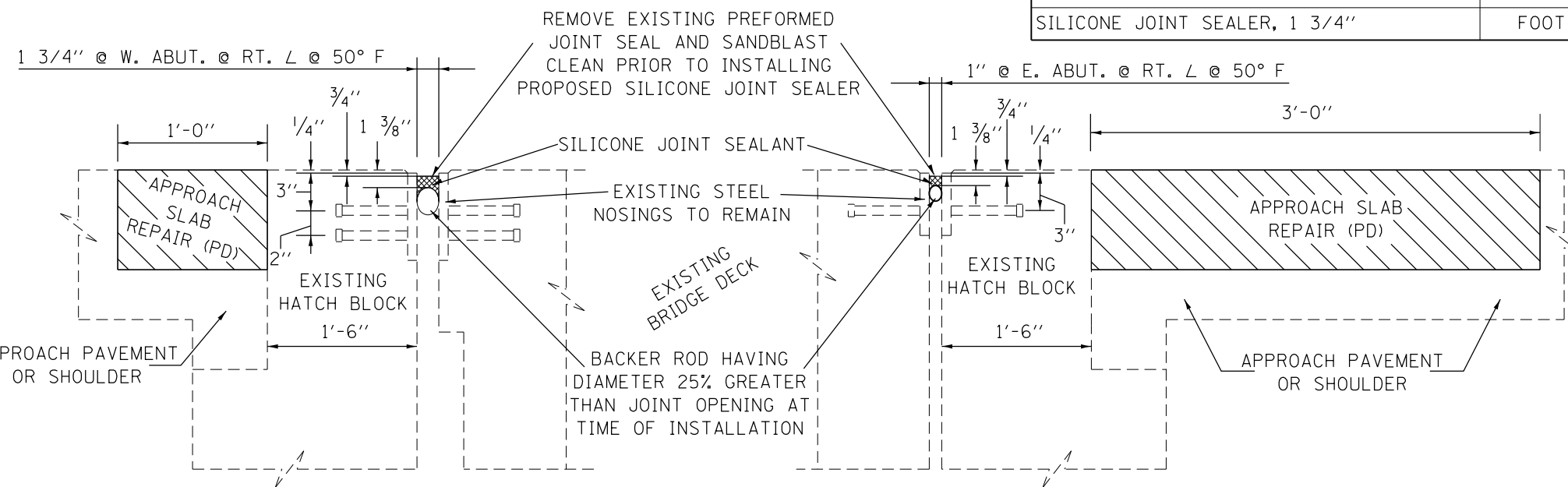
1. REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED
2. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

PLAN

SN 065-0018

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
-	3	#5	26'-8"	—
REINFORCEMENT BARS, EPOXY COATED			POUND	90
APPROACH SLAB REPAIR (PARTIAL DEPTH)			SQ. YD.	11
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)			SQ. FT.	64
SILICONE JOINT SEALER, 1"			FOOT	35
SILICONE JOINT SEALER, 1 3/4"			FOOT	35

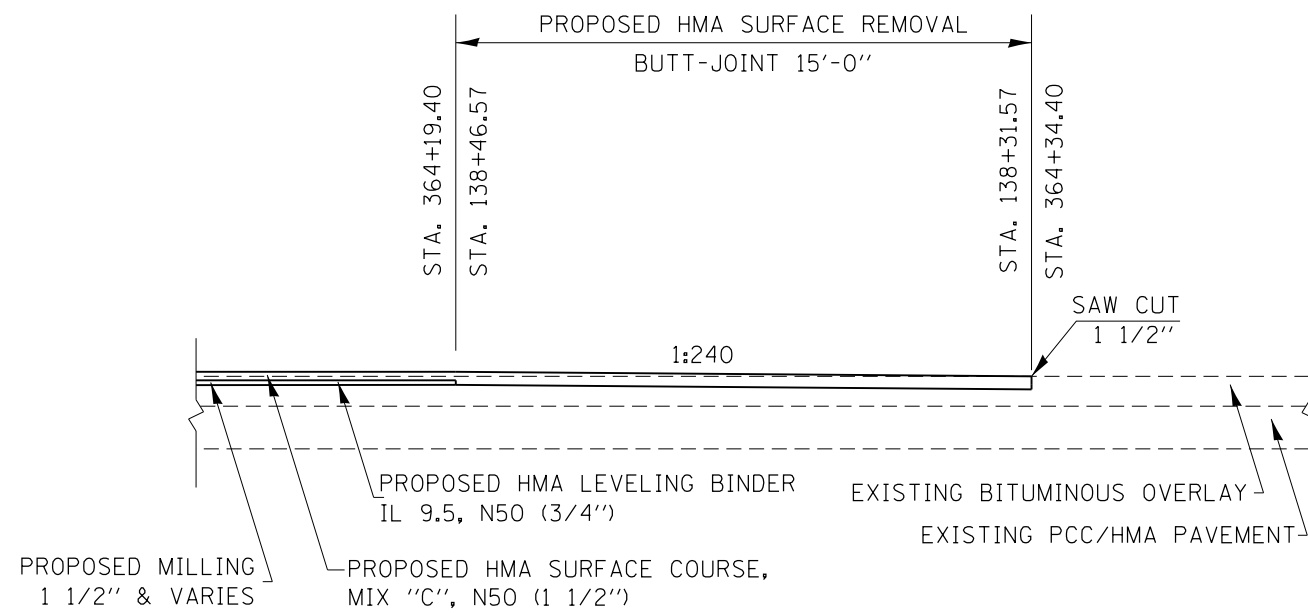


SECTION A-A

SILICONE JOINT DETAIL

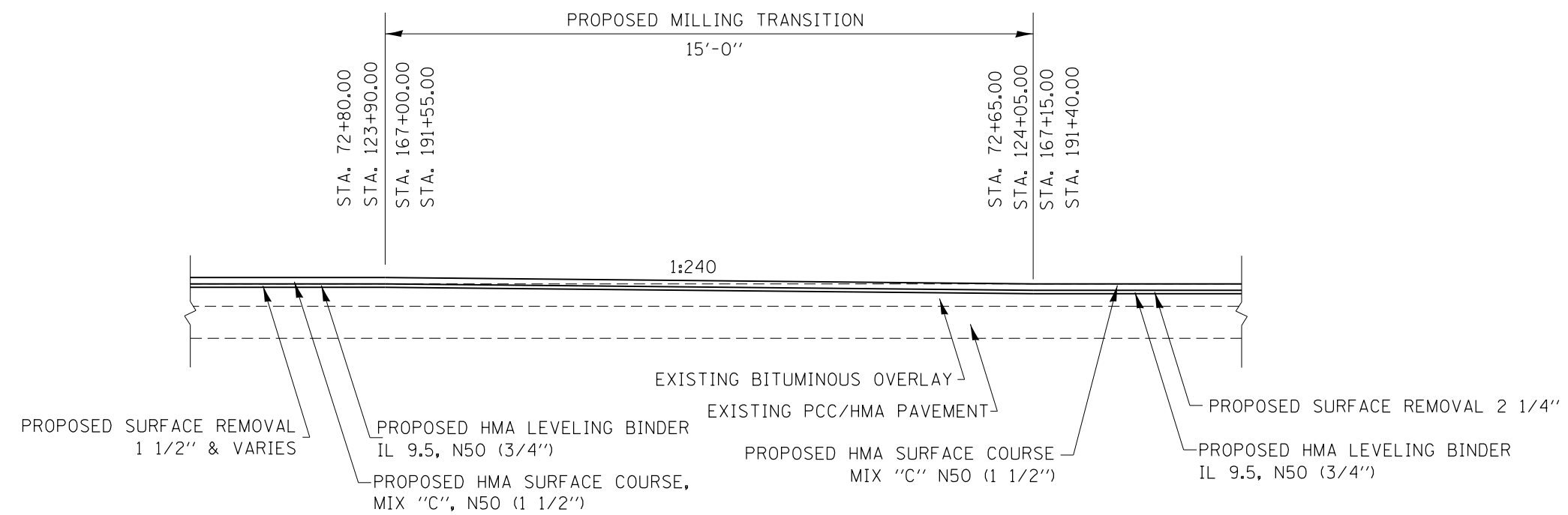
SECTION B-B

SILICONE JOINT DETAIL



BUTT-JOINT DETAIL

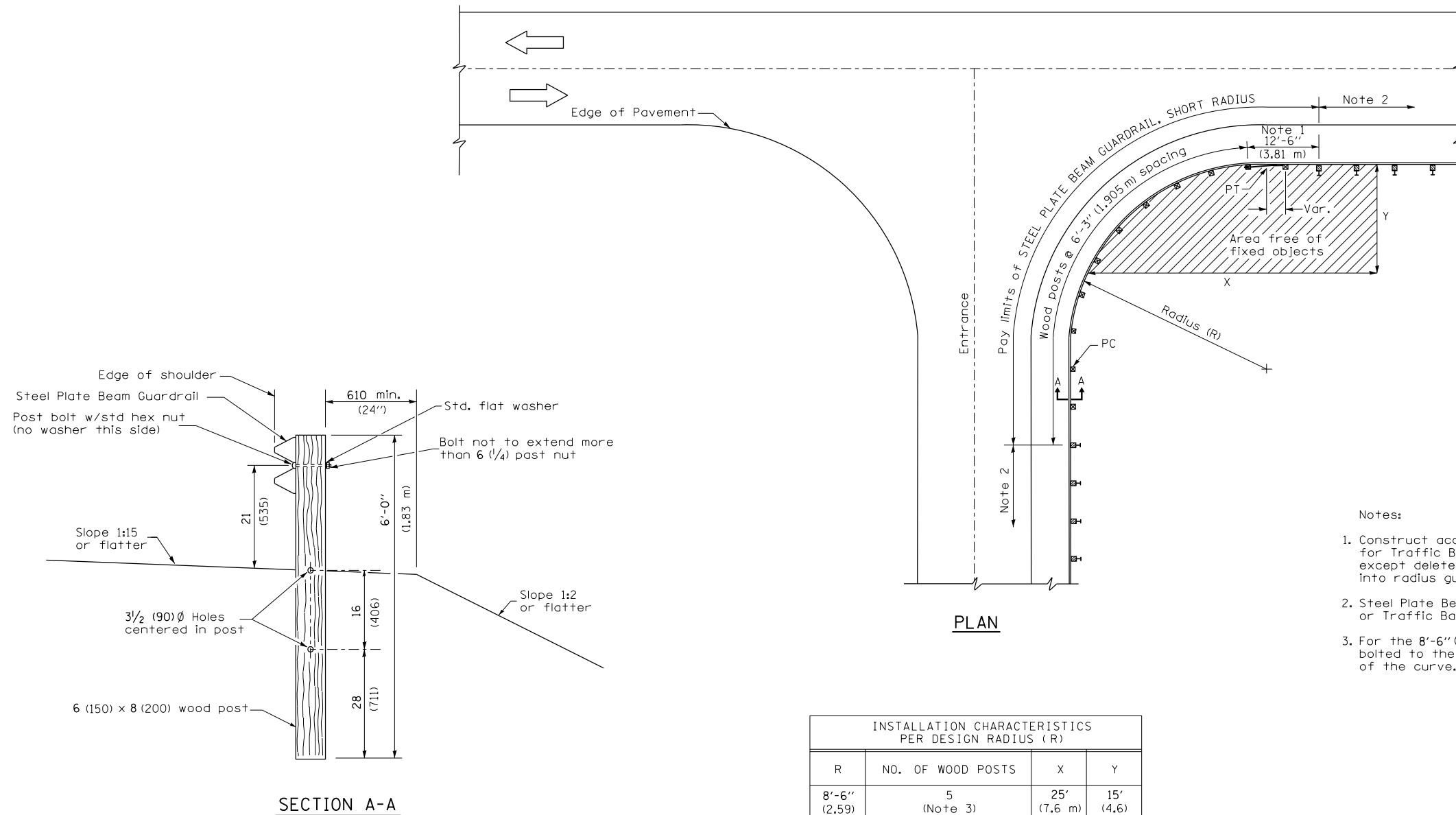
STA. 138+31.57 TO STA. 138+46.57
STA. 364+19.40 TO STA. 364+34.40



MILLING TRANSITION DETAIL

STA. 72+65.00 TO STA. 72+80.00
STA. 123+90.00 TO STA. 124+05.00
STA. 167+00.00 TO STA. 167+15.00
STA. 191+40.00 TO STA. 191+55.00

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT-JOINT /PAVING TRANSITION DETAILS FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\AD\Drawings\0672\0672-16-shd-detail.dwg	PLotted	CHECKED -	REVISED -					737	(1) RS-4, BRR, BJR, BR	MENARD	66	47
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 72J16	
	PLOT DATE = 2/2/2017	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	



- Notes:
1. Construct according to Standard 631011 for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail.
 2. Steel Plate Beam Guardrail Type A, Type B, or Traffic Barrier Terminal as specified.
 3. For the 8'-6" (2.59 m) radius, the rail is not bolted to the post located at the midpoint of the curve.

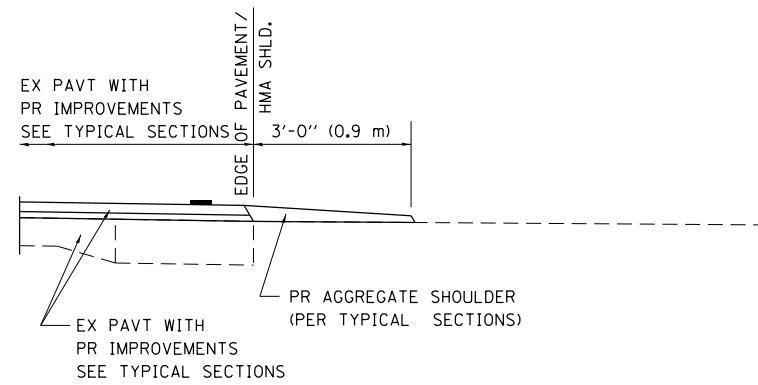
INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
8'-6" (2.59)	5 (Note 3)	25' (7.6 m)	15' (4.6)
17'-0" (5.18)	6	30' (9.1 m)	15' (4.6)
25'-6" (7.77)	8	40' (12.2 m)	20' (6.1)
35'-0" (10.67)	11	50' (15.2 m)	20' (6.1)

GENERAL NOTES

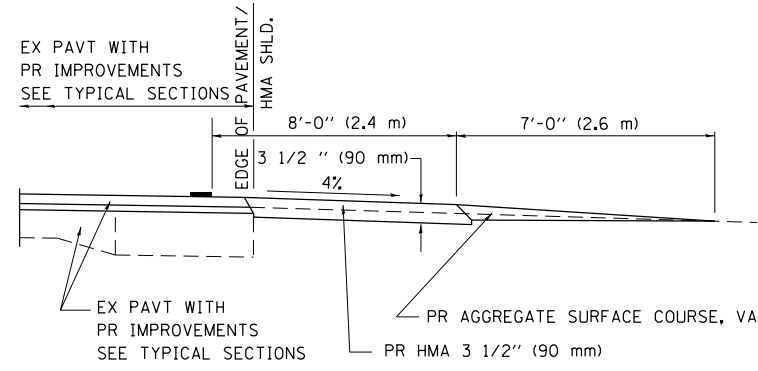
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in inches (millimeters) unless otherwise shown.

GUARDRAIL SHORT RADIUS.DGN

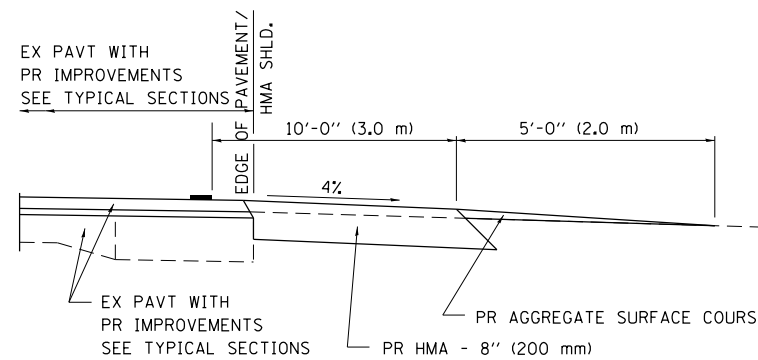
FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STEEL PLATE BEAM GUARDRAIL SHORT RADIUS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\AD\Drawings\672J16-shr-detail.dwg	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			737	(1) RS-4, BRR, BJR, BR	MENARD	66	49
Default	PLLOT DATE = 2/2/2017	DATE -	REVISED -			SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.		CONTRACT NO. 72J16		ILLINOIS FED. AID PROJECT



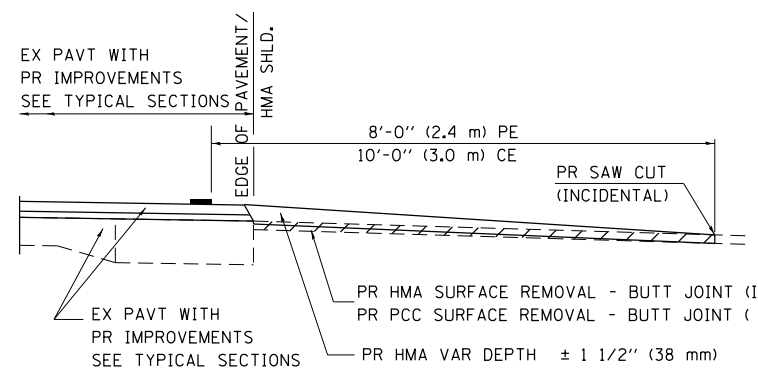
SECTION A-A FOR EX EARTH/AGGREGATE FE



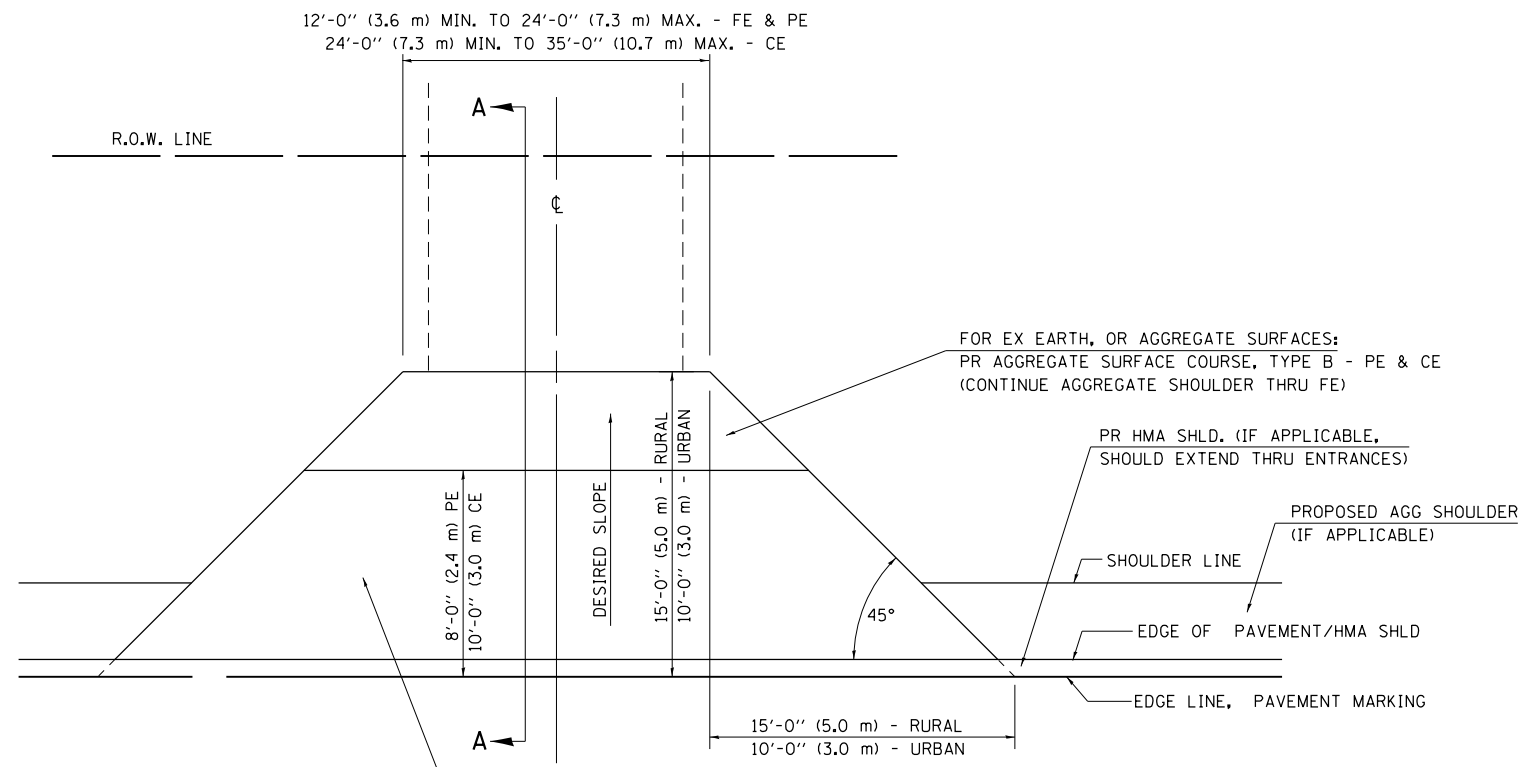
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX HMA/PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR EX HMA CONCRETE SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

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.

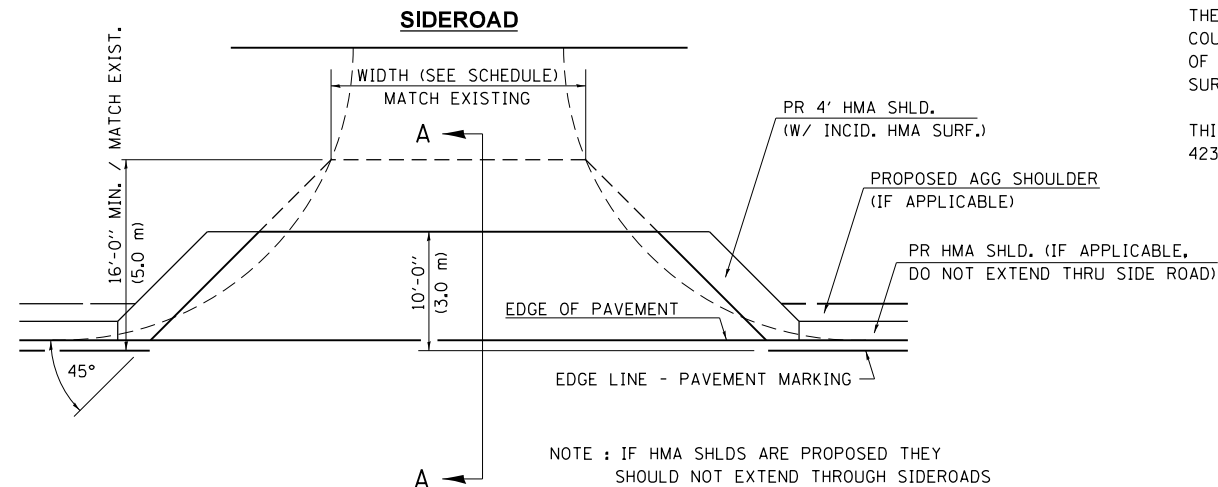
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE 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 (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



NOTE: IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED - 2/19/03 JCN
ENT PPP.DGN		CHECKED - JCN	REVISED - 4/01/04 JCN
		DATE - FEBRUARY 23, 1999	REVISED -

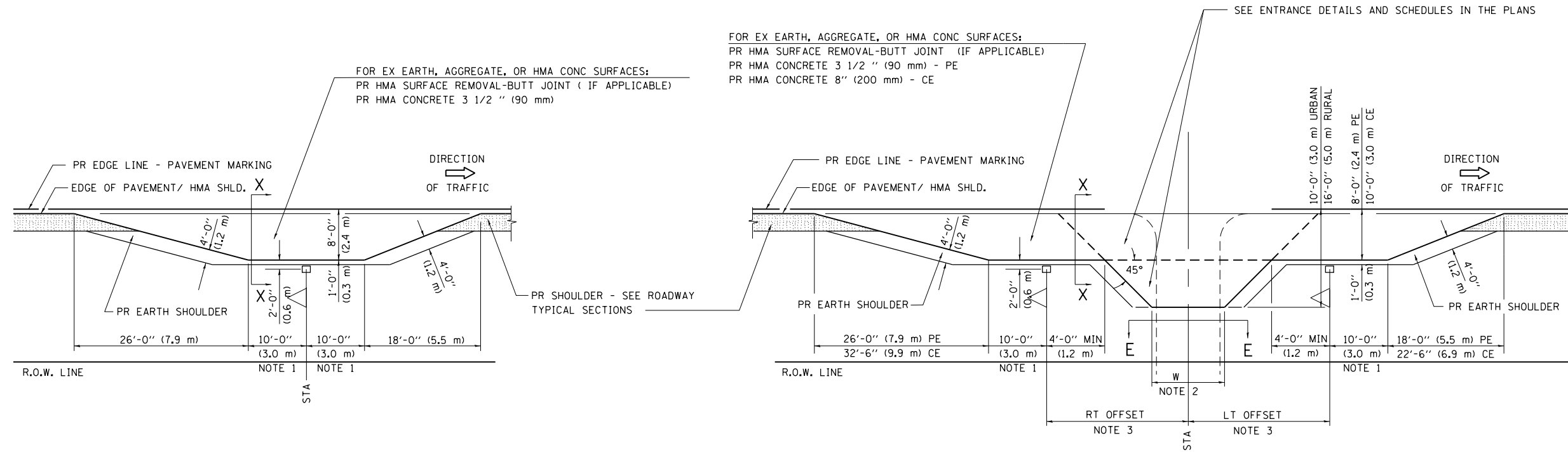
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET OF SHEETS STA. TO STA.

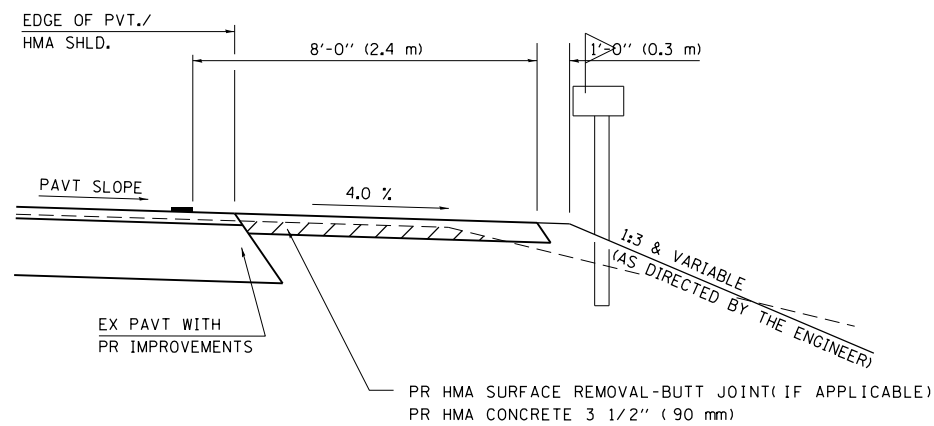
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72J16	

DETAILS OF MAILBOX TURNOUTS



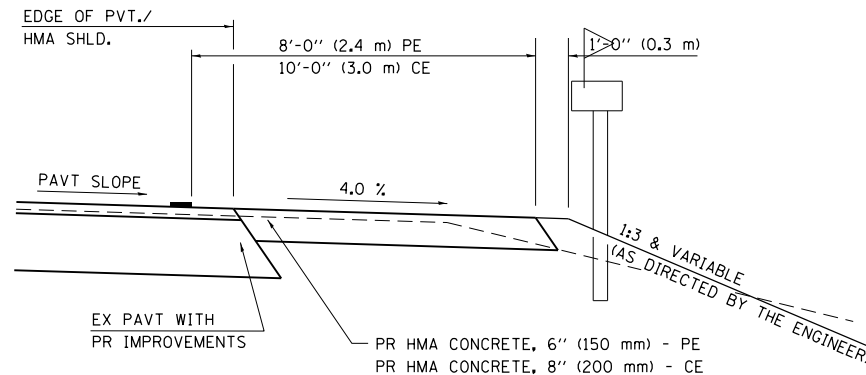
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



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

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



**SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA CONC & PC CONC PE & CE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = Verenskif	DESIGNED -	REVISED - 2/19/03 JCN
ENT PPP.DGN		CHECKED - JCN	REVISED - 4/01/04 JCN
		DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIST.6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	51
CONTRACT NO. 72J16				
ILLINOIS FED. AID PROJECT				



S.N. 065-0016
CONCRETE

HMA

POT STA. 35+53.01 (IL 123) =
POT STA. 10+00.00 (SUNNY ACRES RD)

35+00

IL 123

GUARDRAIL REMOVAL
PR TYPE 6 GUARDRAIL END TERMINAL

PR IMPACT ATTENUATOR

HMA

PR PCC SIDEWALK, 4"
(SEE DETAIL BELOW)

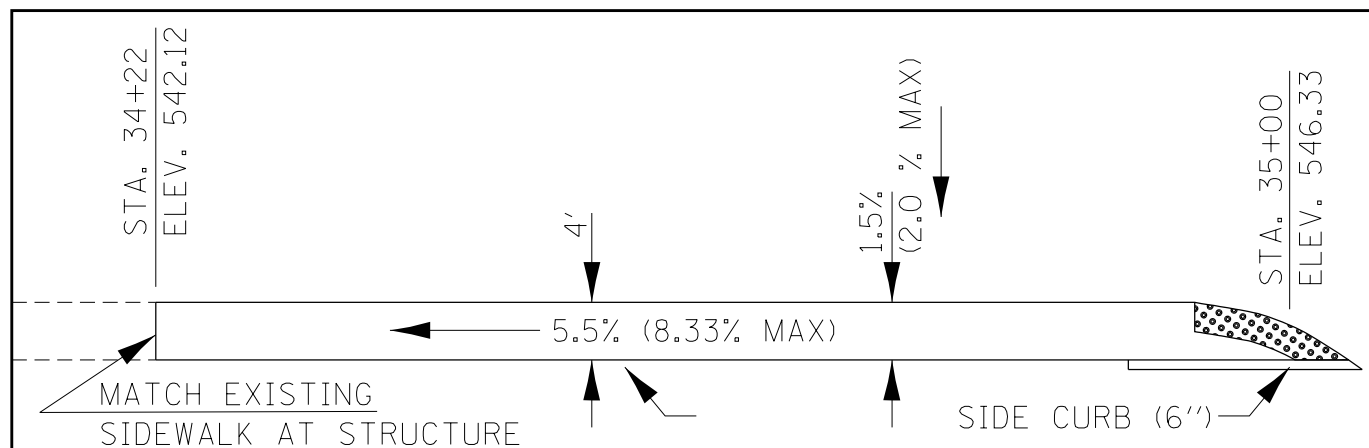
PR SIDEWALK REMOVAL

CABLE GUARD REMOVAL
PR SPBGR, TYPE A, 9' POSTS
PR TYPE 2 GUARDRAIL END TERMINAL

PR SHORT RADIUS GUARDRAIL
25'-6" RADIUS

GUARDRAIL REMOVAL

CH 15 (SUNNY ACRES RD.)



PLAN DETAIL

FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISED -
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\ADSheets\0672J16-sht-detail.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

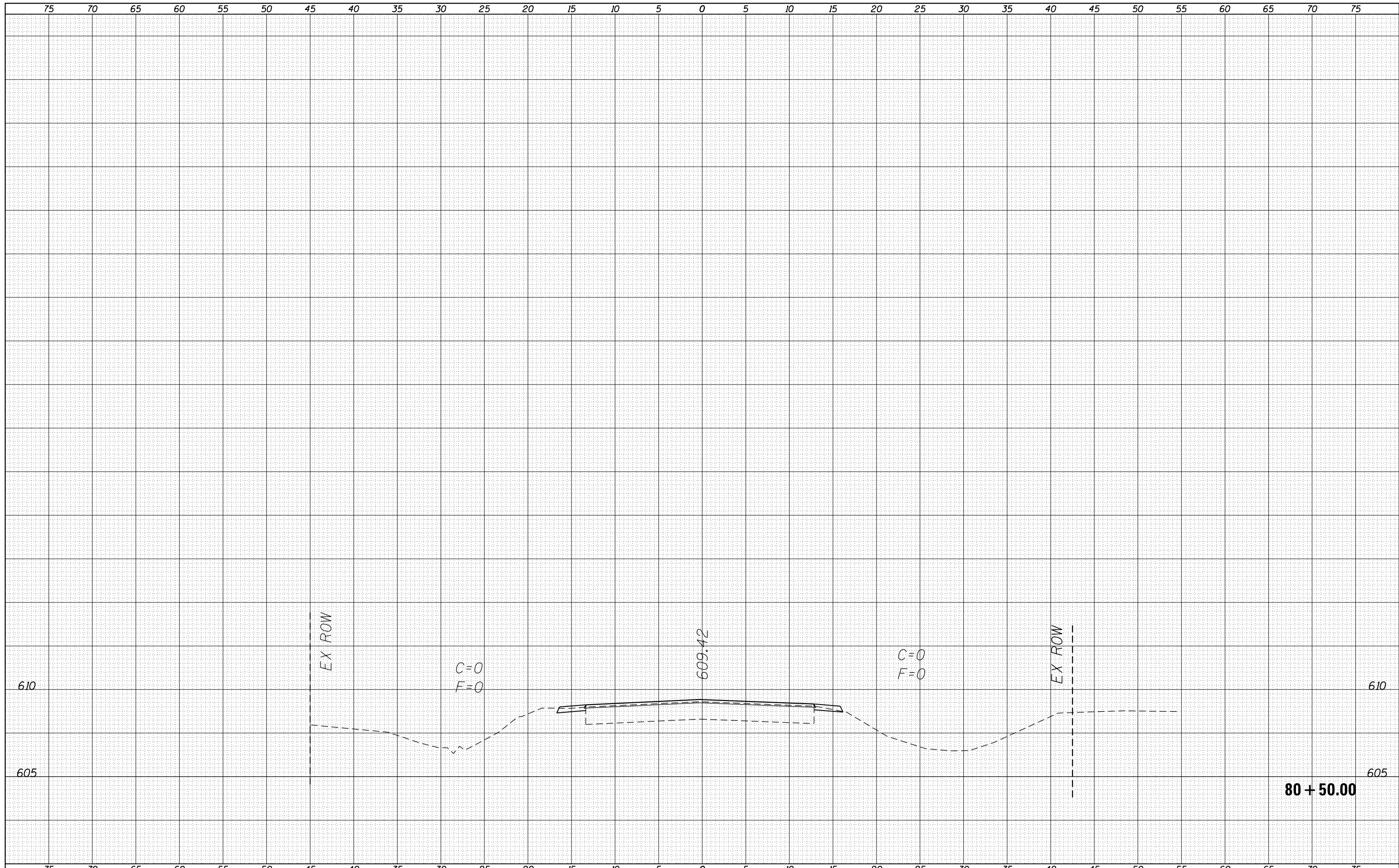
**SUNNY ACRES RD. DETAIL
FAP 737 (IL 123)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	52
CONTRACT NO.			72J16	
ILLINOIS FED. AID PROJECT				

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

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



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USER NAME = Verenskifa	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -
PLOT DATE = 2/2/2017	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

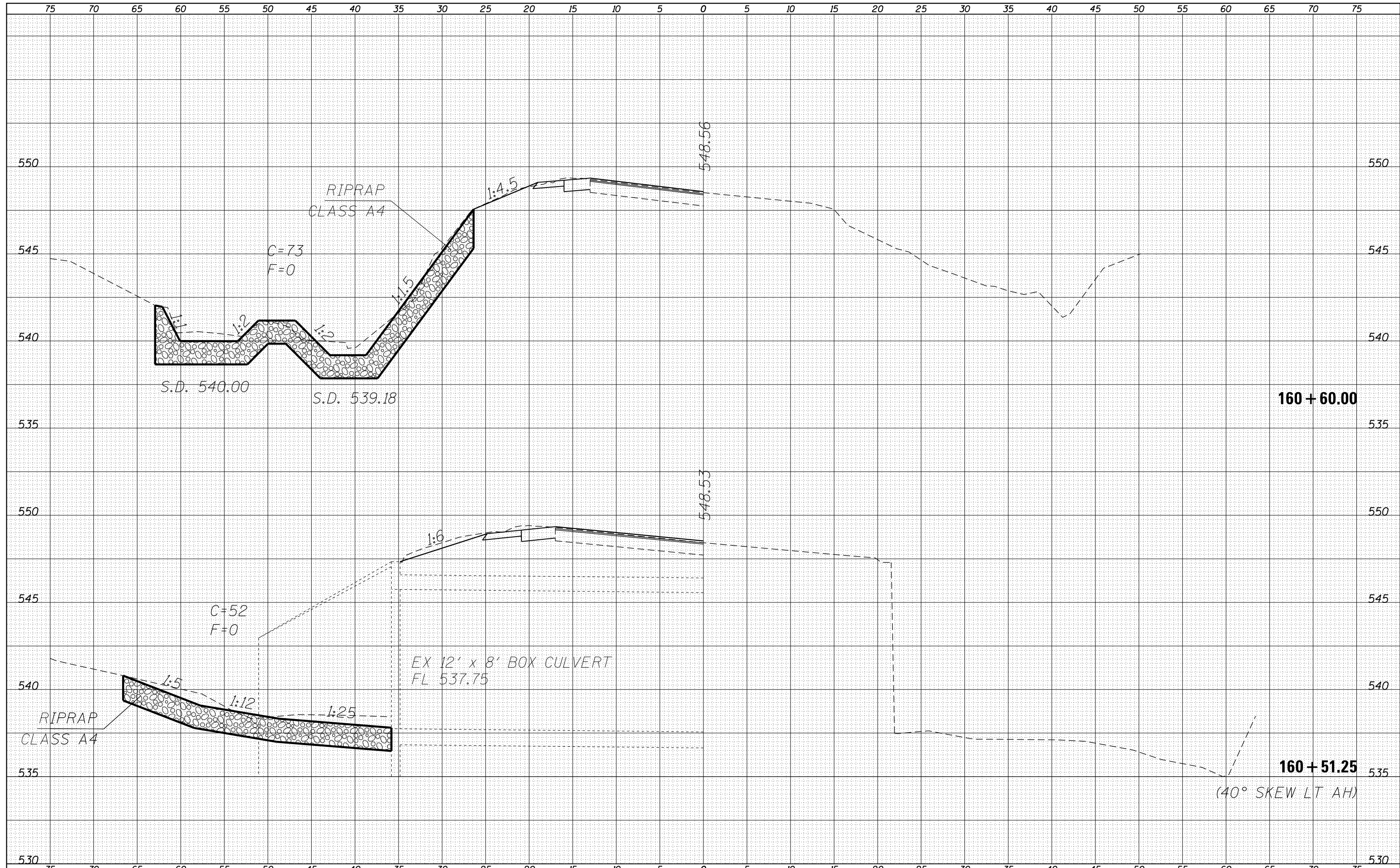
**CROSS SECTIONS
FAP 737 (IL 123)**

SCALE: SHEET OF SHEETS STA. 80+50.00 TO STA. 80+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
737	(1) RS-4, BRR, BJR, BR	MENARD	66	58
CONTRACT NO.			72J16	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

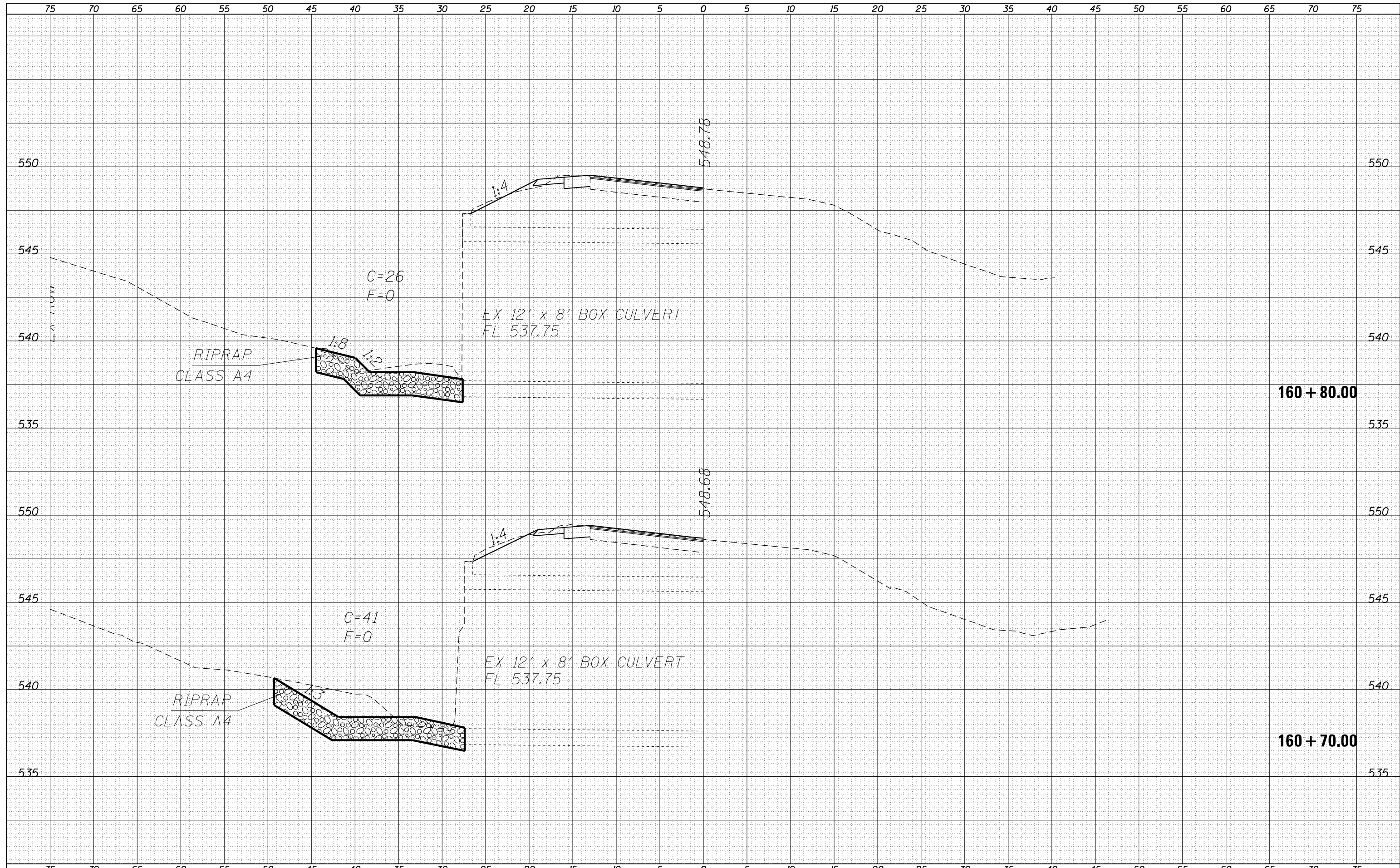
DATE	
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ORIGINAL SURVEY NO.	
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TEMPLATE	
AREAS	
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FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 6\Projects\0672J16\CADD\Drawings\0672J16-sht-XS_ML.dgn	CHECKED -	REVISIED -			737	(1) RS-4, BRR, BJR, BR	MENARD	66	60	
	PLOT SCALE = 10.0000' / in.	DATE -	REVISIED -			CONTRACT NO. 72J16		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/2/2017					SCALE:	SHEET OF SHEETS	STA. 160+51.25	TO STA. 160+60.00		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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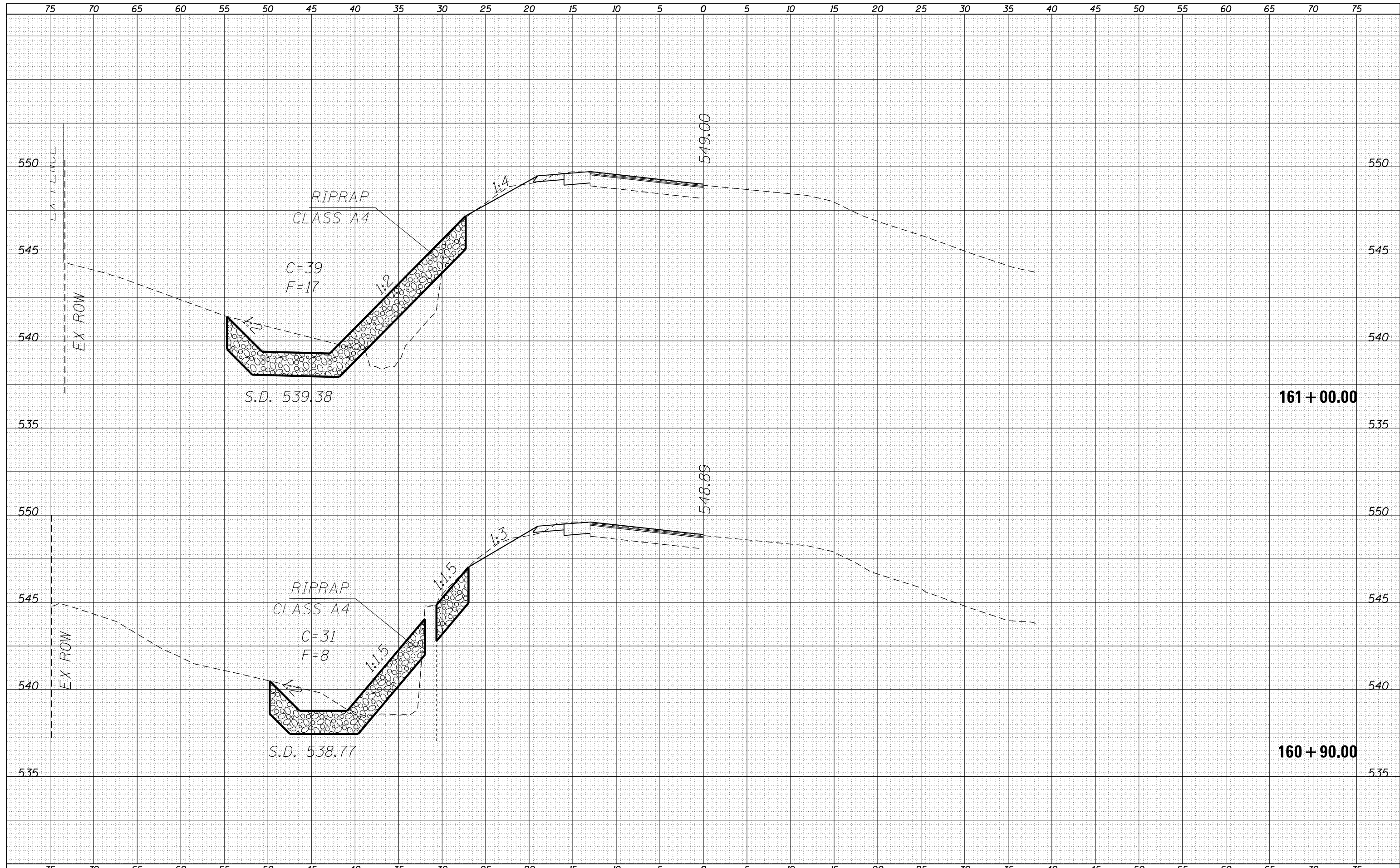
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AREAS	
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FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	DOT Offices\District 6\Projects\D672J16\CADD\Drawings\Drawings\672J16-sht-XS_ML.dgn	CHECKED -	REVISIED -					737	(1) RS-4, BRR, BJR, BR	MENARD	66	61
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	PLOT DATE = 2/2/2017				ILLINOIS FED. AID PROJECT							

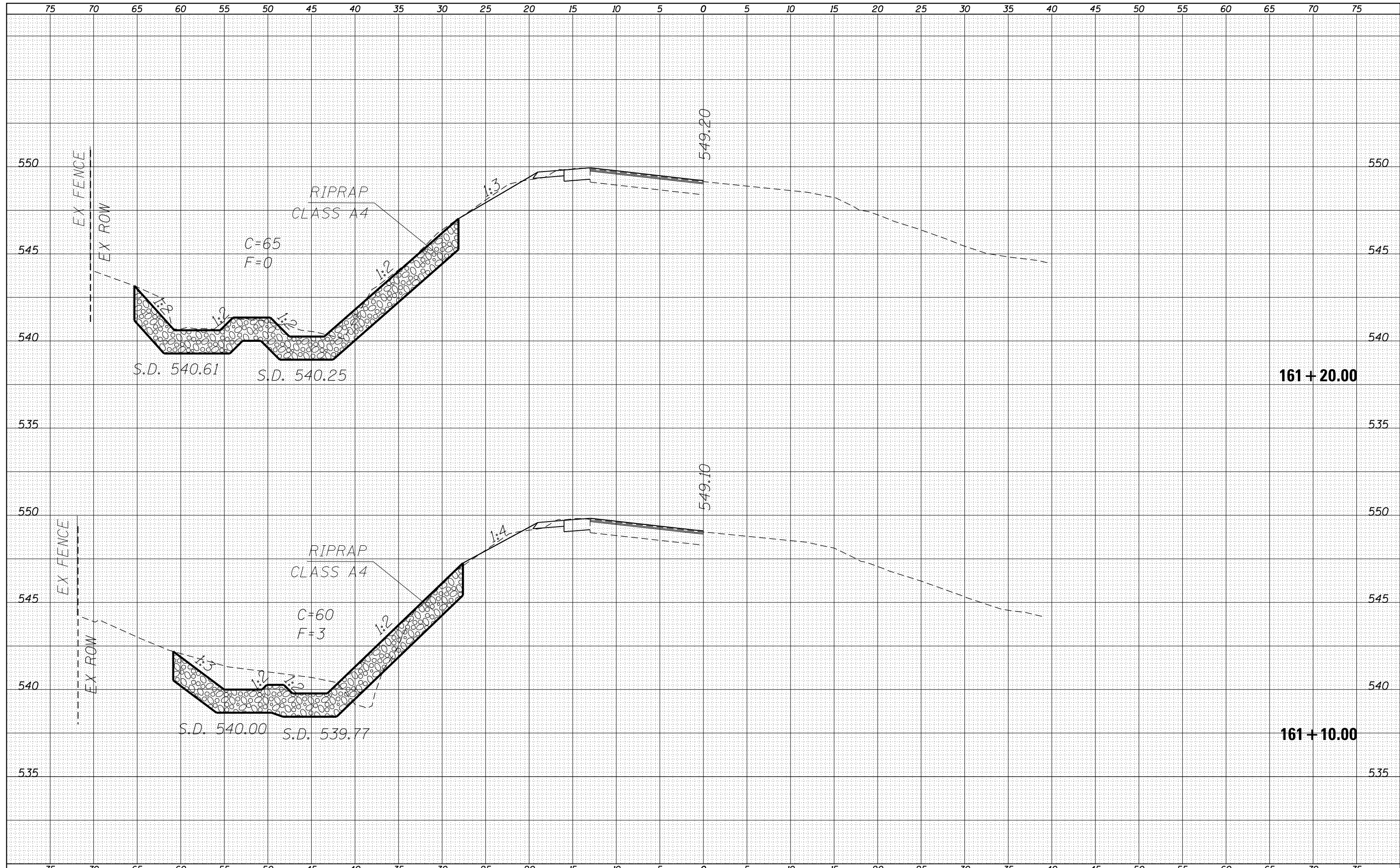
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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DATE	
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NOTE BOOK	PLOTTED
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	AREAS CHECKED

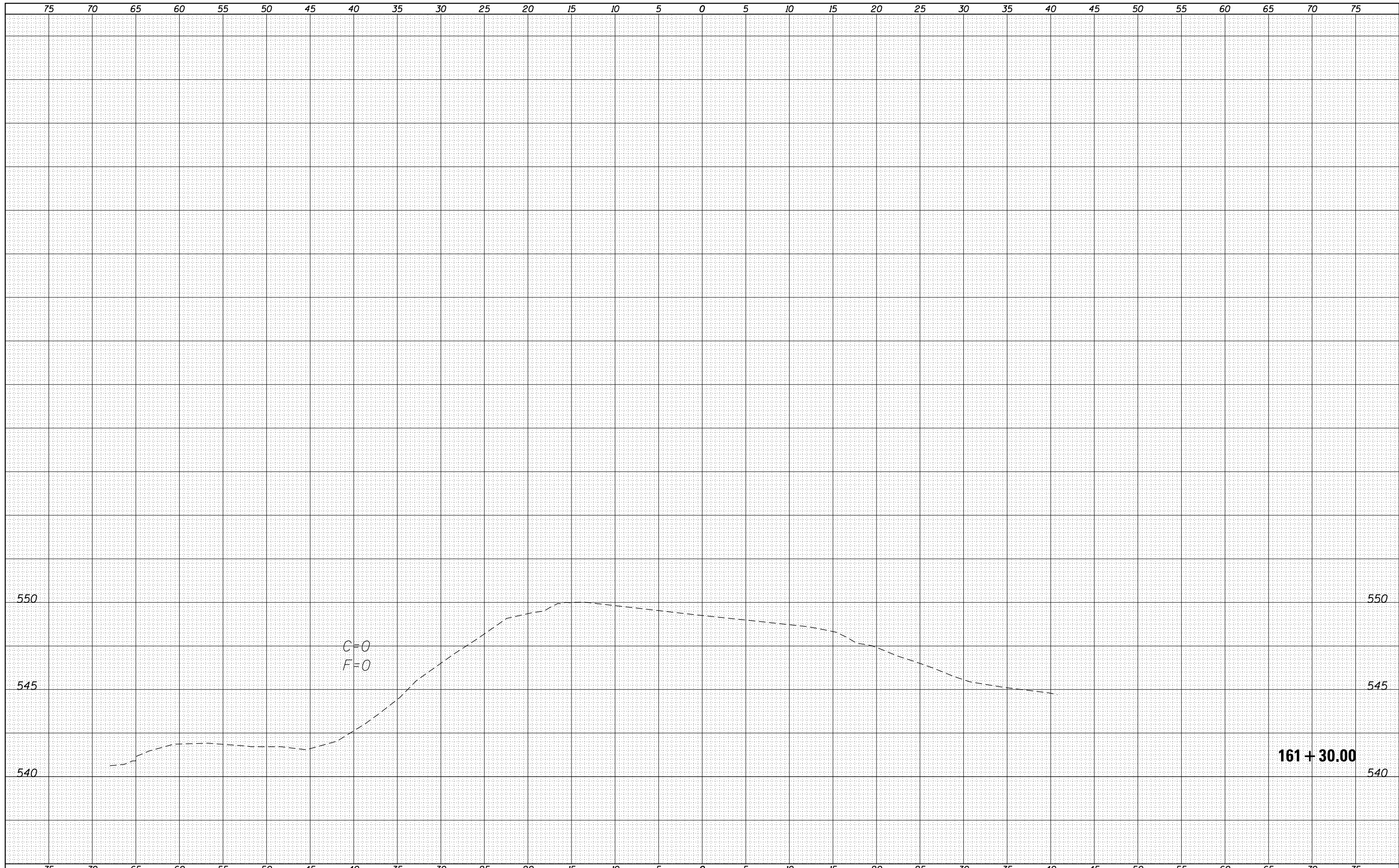
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



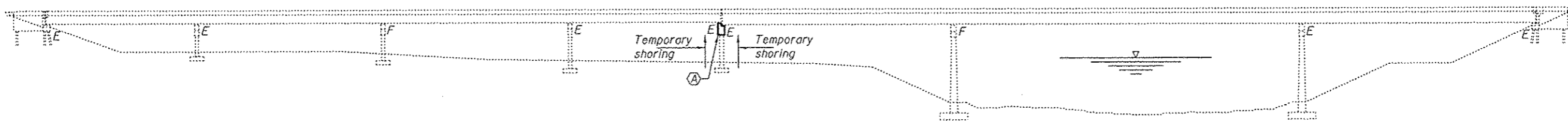
FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 737 (IL 123)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672J16\CADD\Drawings\0672J16-sht-XS_ML.dgn	DRAWN	REVISIED -	REVISIED -			737	(1) RS-4, BRR, BJR, BR	MENARD	66	63
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -	REVISIED -			CONTRACT NO. 72J16				
PLOT DATE = 2/2/2017	DATE -	REVISIED -	REVISIED -			ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = Verenskifa	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FAP 737 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG\Illinois.gov\PIDOT\Documents\NIDOT Offices\District 6\Projects\0672J16\CADD\Drawings\0672J16-sht-XS_ML.dgn	DRAWN	REVISIED -	REVISIED -					737	(1) RS-4, BRR, BJR, BR	MENARD	66	64
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -		SCALE: SHEET OF SHEETS STA. 161+30.00 TO STA. 161+30.00			CONTRACT NO. 72J16				
	PLOT DATE = 2/2/2017	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT							

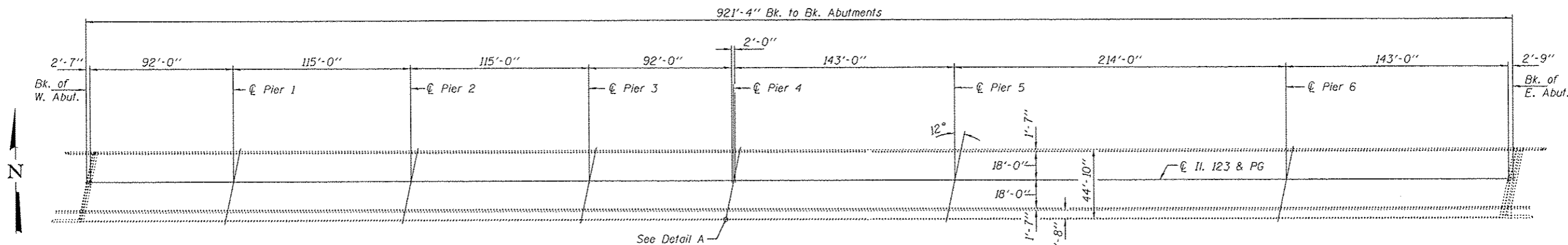


ELEVATION

**** GIRDER REACTION TABLE AT TEMPORARY SHORING**

	Span 4	Span 5
Q (k)	51.7	75.0
L (k)	57.1	60.1
Imp. (k)	13.2	11.1
Total (k)	122.0	146.2

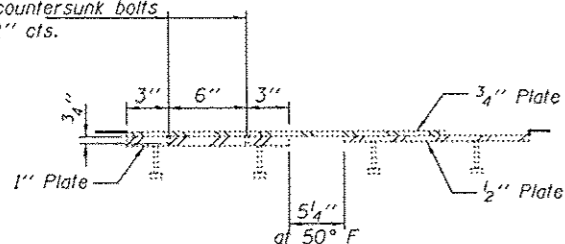
** See Special Provision for Jacking and Cribbing



PLAN

(A) - Replace existing pier cap.

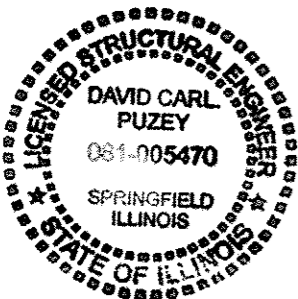
* 3/4" ϕ countersunk bolts at 12" cts.



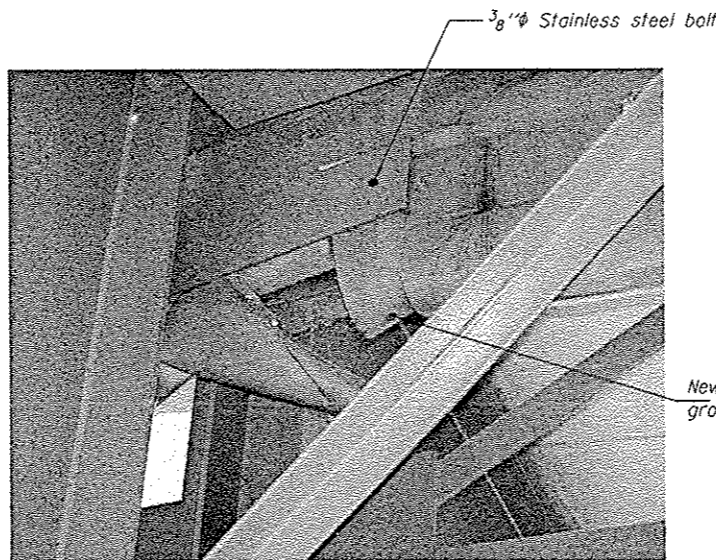
DETAIL A

SECTION THRU SLIDING PLATE

* Contractor must avoid damaging the sliding plates during the jacking & cribbing procedure. Prior to any superstructure jacking for substructure concrete repairs, the overlapping plate may require disassembly. Store & reattach after completion of repairs. New 3/4" ϕ countersunk bolts may be required for reattachment. All costs involving these sliding plates shall be included with Jacking & Cribbing.



EXPIRES 11-30-2018



TROUGH REATTACHMENT DETAILS

Reattach trough as shown using 3/8" ϕ stainless steel bolt & brass grommet. Cost included with Concrete Structures.

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Fasteners shall be high strength bolts. Bolts 3/4" ϕ , open holes 13/16" ϕ , unless otherwise noted.

Cost of removal, storage and reinstallation of existing Type II Elastomeric bearings necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Concrete Structures.

Work to be completed under traffic. See Special Provision for Jacking and Cribbing.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	32.1
Concrete Structures	Cu. Yd.	32.1
Reinforcement Bars, Epoxy Coated	Pound	4460
Anchor Bolts, 1" ϕ	Each	20
Jacking and Cribbing	Each	2

DESIGNED: Victor K. Velez
 CHECKED: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

PASSED: [Signature]
 ENGINEER OF BRIDGES AND STRUCTURES

DATE: MARCH 7, 2017

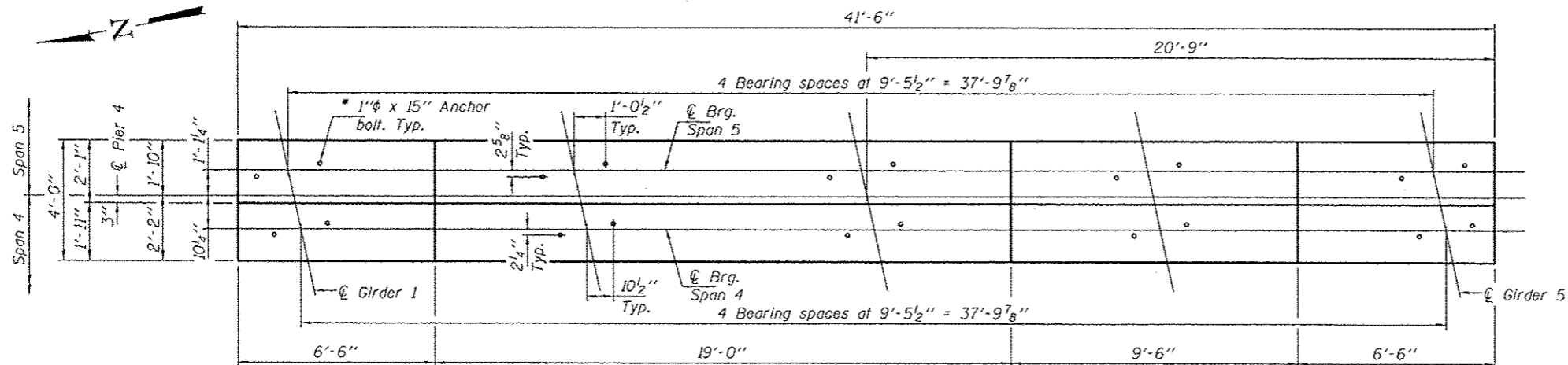
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

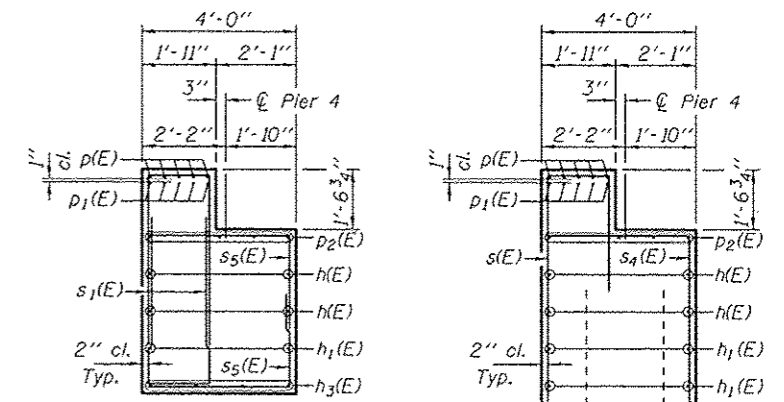
PLAN AND ELEVATION
 FA ROUTE 737 (IL 123) OVER SANGAMON RIVER
 SN 065-0016

SHEET NO. 1 OF 2 SHEETS

F.A.P. RTE. 737	SECTION (URS-4,BRR,BJR,BR)	COUNTY MENARD	TOTAL SHEETS 66	SHEET NO. 65
CONTRACT NO. 72J16			ILLINOIS FED. AID PROJECT	

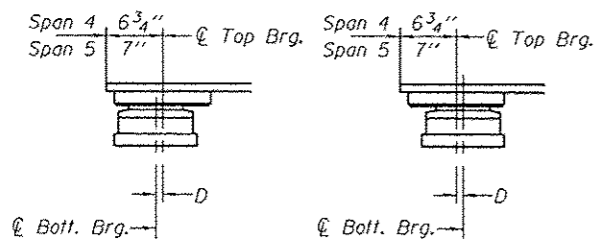


TOP PLAN

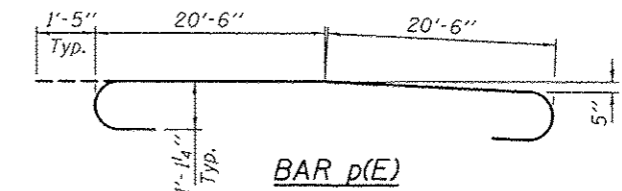


SECTION A-A

SECTION B-B



Notes:
 Bearings to be removed, stored and reinstalled.
 Space reinforcement in cap to miss anchor bolts.
 Pour steps monolithically with cap.

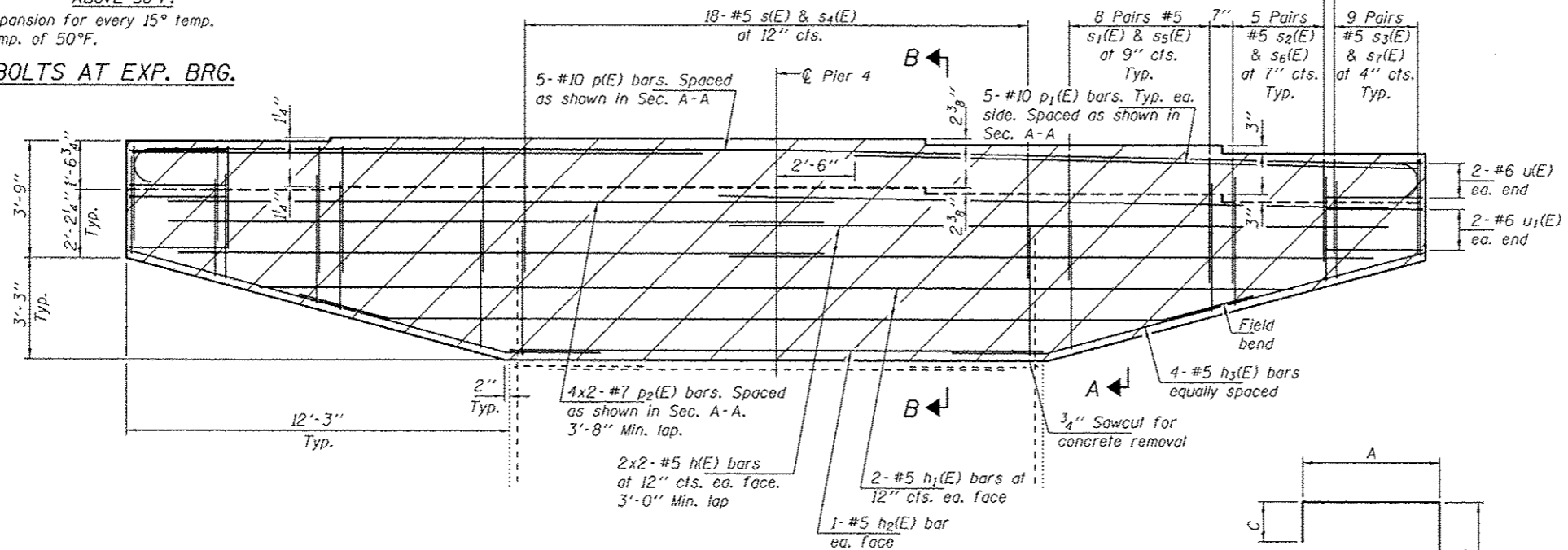


BAR p(E)

BELOW 50°F.
 $D = \frac{1}{8}$ " per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

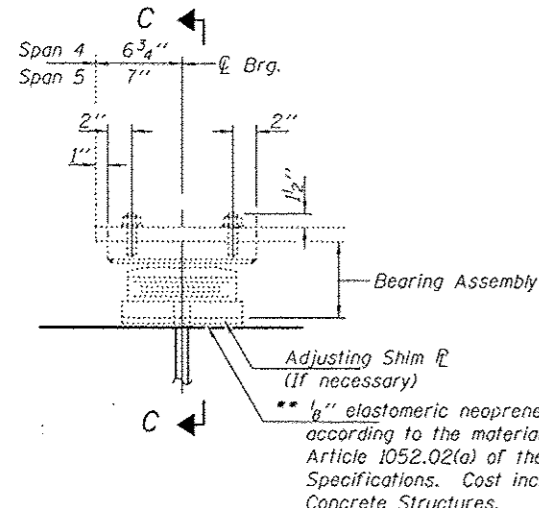
ABOVE 50°F.

SETTING ANCHOR BOLTS AT EXP. BRG.

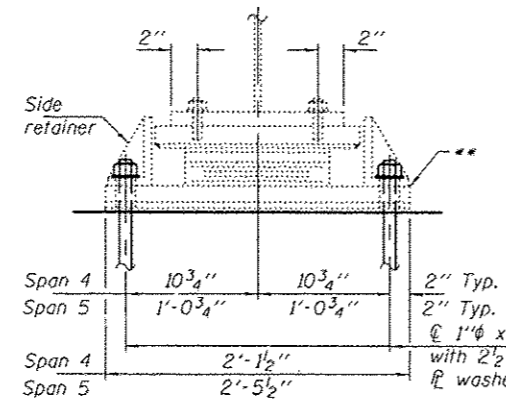


ELEVATION
(Looking East)

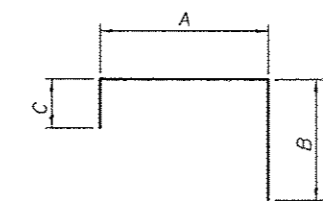
Hatched areas indicate concrete removal and replacement.



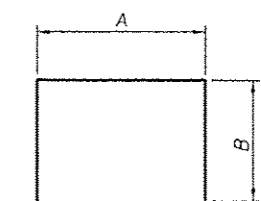
EXISTING BEARING ELEVATION



SECTION C-C



BARS s(E) & s7(E)



BARS s1(E), s2(E), s3(E) u(E) & u1(E)

A, B & C DIMENSIONS

Bar	A	B	C
s(E)	1'-7"	6'-6"	3'-0"
s1(E)	1'-7"	4'-5"	-
s2(E)	1'-7"	3'-7"	-
s3(E)	1'-7"	3'-1"	-
s4(E)	3'-8"	4'-11"	-
s5(E)	3'-8"	3'-4"	-
s6(E)	3'-8"	2'-5"	-
s7(E)	1'-6"	3'-8"	6"
u(E)	1'-5 1/2"	4'-0"	-
u1(E)	3'-6 3/4"	4'-0"	-

BARS s4(E) THRU s6(E)

* Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts for Type II bearings shall be placed in holes drilled through the bottom bearing plate after members are in place. Side retainers shall be placed after bolts are installed.
 Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications

PIER BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	8	#5	22'-1"	—
h1(E)	4	#5	33'-0"	—
h2(E)	2	#5	17'-0"	—
h3(E)	8	#5	15'-6"	—
p(E)	5	#10	43'-10"	⌋
p1(E)	10	#10	18'-0"	—
p2(E)	8	#7	22'-5"	—
s(E)	18	#5	11'-1"	⌋
s1(E)	32	#5	10'-5"	⌋
s2(E)	20	#5	8'-9"	⌋
s3(E)	36	#5	7'-9"	⌋
s4(E)	18	#5	8'-7"	⌋
s5(E)	32	#5	7'-0"	⌋
s6(E)	20	#5	6'-1"	⌋
s7(E)	36	#5	5'-8"	⌋
u(E)	4	#6	9'-6"	⌋
u1(E)	4	#6	11'-7"	⌋
Anchor Bolts, 1" dia	Each		20	
Concrete Removal	Cu. Yd.		32.1	
Concrete Structures	Cu. Yd.		32.1	
Reinforcement Bars, Epoxy Coated	Pound		4460	

Bars indicated thus 4x2-#7 etc. indicates 4 lines of bars with 2 lengths per line.

DESIGNED VHV
 CHECKED DAB
 DRAWN balva
 CHECKED VHV DAB

PASSED
 ENGINEER OF BRIDGES AND STRUCTURES

DATE MARCH 7, 2017
 REVISED
 REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PIER 4 REPAIR DETAILS
 SN 065-0016
 SHEET NO. 2 OF 2 SHEETS

F.A.P. RITE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 737 (IIRS-4,BRR,BJR,BR) MENARD 66 66
 CONTRACT NO. T2J16
 ILLINOIS FED. AID PROJECT