

HIGHWAY STANDARDS

STD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420101-07	24' (7.2 M) JOINTED PCC PAVEMENT
420106-07	36' (10.8 M) JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
483001-06	PCC SHOULDER
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542506-03	INLET BOX TYPE 24 (600) B
542546-01	FLUSH INLET BOX FOR MEDIAN
542606-02	REINFORCED CONCRETE PIPE TEE
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602301-04	INLET, TYPE A
602402-03	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
602411-09	PRECAST MANHOLE, TYPE A, 7' (2.13 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604011-05	FRAME AND GRATE, TYPE 3V
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)

STD NO.	DESCRIPTION
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
821101-03	LUMINAIRE WIRING IN POLE
825016-04	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480V
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
877012-07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'

1 REVISED 7-10-2026

MODEL Default
FILE NAME: S:\projects\2012 Jobs\12-97-S\0013 QEI DE IE Prime IL 97193621\CADD\CADD Sheets\0692621-std-index_01.dgn

 QUIGG ENGINEERING INC	USER NAME = FNeIsan	DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RG	REVISED -					67	(S,W)R-2,W-2,PB	SANGAMON	412	3
	PLOT SCALE = 100,0000 ' / in.	CHECKED - FBN	REVISED -					CONTRACT NO. 92621				
	PLOT DATE = 6/17/2026	DATE - 05/08/2026	REVISED -		SCALE: NONE	SHEET 2 OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: S:\Projects\2012 Jobs\12-97-S\0013 OEI DE IE Prime IL 9709621\CADD\CADD Sheets\062621-sh-500_01.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE								
				NEW CONSTRUCTION SECTION 1	NEW CONSTRUCTION SECTION 2	RECONSTRUCTION/ ADD LANE SECTION 3	6-00780-0000 80% FED 20% STATE	6-00780-0200 80% FED 20% STATE	6-00780-0100 80% FED 20% STATE	6-00780-0100 80% FED 20% STATE	6-00780-0200 80% FED 20% STATE	6-00780-0100 80% FED 20% STATE
				6-00780-0200 80% FED 20% STATE	6-00780-0200 80% FED 20% STATE	6-00780-0000 & 0100 80% FED 20% STATE						
				ROADWAY	ROADWAY	ROADWAY	SVT BRIDGE S.N. 084-3300	72" RCP S.N. 084-7581	NOISE WALL SVT TO EMPORIA	NOISE WALL EMPORIA TO WINCH	TRAFFIC SIGNALS & LIGHTING	LIGHTING
				0001	0001	0003	0008	0003	0020	0020	0021	0021
				RURAL	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	RURAL	URBAN
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	217		68	149						
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	48		48							
542D1081	PIPE CULVERTS, CLASS D, TYPE 2 36"	FOOT	72		72							
542D1093	PIPE CULVERTS, CLASS D, TYPE 2 48"	FOOT	141	141								
542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	85	85								
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		1							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	14	3	7	4						
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4		4							
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	5		2	3						
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	3	2	1							
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2		2							
54213717	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 72"	EACH	2					2				
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2			2						
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	8		4	4						

 REVISED 7-13-2026

REV - MS



USER NAME = RGoertz	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - FBN	REVISED -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 7 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2,W-2,PB	SANGAMON	412	11
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: S:\Projects\2012 Jobs\12-97-S\0013 OEI DE IE Prime IL 9709621\CADD\CADD Sheets\062621-sh-500_01.dgn

				CONSTRUCTION TYPE CODE								
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				6-00780-0200 80% FED 20% STATE	6-00780-0200 80% FED 20% STATE	6-00780-0000 & 0100 80% FED 20% STATE						
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY	SVT BRIDGE S.N. 084-3300	72" RCP S.N. 084-7581	NOISE WALL SVT TO EMPORIA	NOISE WALL EMPORIA TO WINCH	TRAFFIC SIGNALS & LIGHTING	LIGHTING
				0001	0001	0003	0008	0003	0020	0020	0021	0021
				RURAL	URBAN	URBAN	URBAN	RURAL	URBAN	URBAN	RURAL	URBAN
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,513			2,513						
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	458			458						
							⚠					
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,225		485	740						
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	253		51	202						
78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	729			729						
78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	44,134		29,365	14,769						
78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,513			2,513						
78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	458			458						
							⚠					
78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	1,848			1,848						
78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,225		485	740						
78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	253		51	202						
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	357		22	335						
78200020	CURB REFLECTORS	EACH	78			78						
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	21,383		2,913	18,470						

* SPECIALTY ITEM

⚠️ REVISED 7-14-2026

REV - MS

 QUIGG ENGINEERING INC	USER NAME = RGoertz	DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RG	REVISED -							67	(S,W)R-2,W-2,PB	SANGAMON	412	17
	PLOT SCALE = 100.0000 ' / in.	CHECKED - FBN	REVISED -							CONTRACT NO. 92621				
	PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -							ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET 13 OF 18 SHEETS	STA.	TO STA.						

MODEL Default
FILE NAME: S:\projects\2012 Jobs\12-97-S\0013 DEI DE IE Prime IL 97\97621\CADD\CADD Sheets\DEI97621-L-Sub-Schedules_01.dgn

PIPE CULVERT SCHEDULE																				
LOCATION	TRENCH BACKFILL	PIPE CULVERTS, CLASS A, TYPE 1		PIPE CULVERTS, CLASS A, TYPE 2							PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE		PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE		PIPE CULVERT, CLASS D, TYPE 1		PIPE CULVERT, CLASS D, TYPE 2			PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE
		24"	36"	15"	24"	30"	36"	42"	48"	72"	24"	36"	36"	48"	15"	18"	15"	36"	48"	15"
		20800150 (CU YD)	542A0229 (FOOT)	542A0241 (FOOT)	542A1060 (FOOT)	542A1069 (FOOT)	542A1075 (FOOT)	542A1081 (FOOT)	542A1087 (FOOT)	542A1093 (FOOT)	542A5479 (FOOT)	542A5491 (FOOT)	542A8221 (FOOT)	542A8233 (FOOT)	542D0220 (FOOT)	542D0223 (FOOT)	542D1060 (FOOT)	542D1081 (FOOT)	542D1093 (FOOT)	542D5470 (FOOT)
(SECTION 1)																				
IL 97 - MAINLINE	660	56			189			179		233									141	
(SECTION 1)																				
SUBTOTALS	660	56			189			179		233									141	
(SECTION 2)																				
IL 97 - MAINLINE	495	60			226	317		214	330								48			
BRADFORDTON RD	210			44	258							73			195	68				85
EX MOORE RD	18																	72		
HAZLETT RD	96		63										66		116					
(SECTION 2)																				
SUBTOTALS	819	60	63	44	484	317		214	330			73	66		311	68	48	72		85
(SECTION 3)																				
IL 97 - MAINLINE	237				148						107	5	94	131	247	149				
KOKE MILL RD	156											86								
SANG, VALLEY TR	131				118		70													
(SECTION 3)																				
SUBTOTALS	524				266		70				107	91	94	131	247	149				
GRAND TOTALS	2,003	116	63	44	939	317	70	393	330	233	107	164	160	131	558	217	48	72	141	85
TOTAL ACROSS SCHEDULES	2,275																			



END SECTION SCHEDULE																		
LOCATION	PRECAST REINFORCED CONCRETE FLARED END SECTIONS							PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE			REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 24" RISER	METAL FLARED END SECTIONS				METAL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE	ROCK FILL - FOUNDATION	
	15"	24"	30"	36"	42"	48"	72"	24"	36"	48"		15"	18"	36"	48"	15"		
	54213660 (EACH)	54213669 (EACH)	54213675 (EACH)	54213681 (EACH)	54213687 (EACH)	54213693 (EACH)	54213717 (EACH)	54214509 (EACH)	54214521 (EACH)	54214533 (EACH)		54217690 (EACH)	54262715 (EACH)	54262718 (EACH)	54262736 (EACH)	54262748 (EACH)		54262815 (EACH)
(SECTION 1)																		
IL 97 - MAINLINE		3			2		2								2		151.7	
(SECTION 1)																		
SUBTOTALS		3			2		2								2		152	
(SECTION 2)																		
IL 97 - MAINLINE		3	4		1	2					2	2	2				97.7	
BRADFORDTON RD	1	4							2			8				4		
EX MOORE RD														2				
HAZLETT RD				2					2			4					58.8	
(SECTION 2)																		
SUBTOTALS	1	7	4	2	1	2			4		2	14	2	2		4	157	
(SECTION 3)																		
IL 97 - MAINLINE		2						2	2	2		6	4					
KOKE MILL RD									2									
SANG, VALLEY TR		2																
(SECTION 3)																		
SUBTOTALS		4						2	4	2		6	4					
GRAND TOTALS	1	14	4	2	3	2	2	2	8	2	2	20	6	2	2	4	309	
TOTAL ACROSS SCHEDULES				5														

 REVISED 7-13-2026



USER NAME = FNeIsen	DESIGNED - RG	REVISED - 07/10/2026
	DRAWN - RG	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - FBN	REVISED -
PLOT DATE = 7/10/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE	SHEET 5 OF 7 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	27
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: S:\Projects\2012 Jobs\12-97-S\0013 OEI DE IE Prime IL 97\3621\CADD\CADD Sheets\DE92621-Sub-Schedules_01.dgn

PAVEMENT MARKING SCHEDULE																			
LOCATION	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 10"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	RAISED REFLECTIVE PAVEMENT MARKER	PAVEMENT MARKING REMOVAL - WATER BLASTING
	70300211 SQ FT	70300221 FOOT	70300281 FOOT	78003142 FOOT	78009000 SQ FT	78009005 FOOT	78009006 FOOT	78009008 FOOT	78009012 FOOT	78009024 FOOT	78011000 SQ FT	78011030 FOOT	78011035 FOOT	78011045 FOOT	78011050 FOOT	78011065 FOOT	78011125 FOOT	78100100 EACH	78300202 SQ FT
(SECTION 2)																			
IL 97 - MAINLINE						11,997						11,997						22	
EX IL 97		18,027																	2,913
BRADFORDTON RD						13,776			485	27		13,776				485	27		
HAZLETT RD						3,592				24		3,592					24		
(SECTION 2) SUBTOTALS		18,027				29,365			485	51		29,365				485	51	22	2,913
(SECTION 3)																			
IL 97 - MAINLINE	990	63,957	230	1,848	662	13,293	2,513	458	709	171	729	13,293	2,513	458	1,848	709	171	319	18,470
KOKE MILL RD						1,476			31	31		1,476				31	31	16	
(SECTION 3) SUBTOTALS	990	63,957	230	1,848	662	14,769	2,513	458	740	202	729	14,769	2,513	458	1,848	740	202	335	18,470
GRAND TOTALS	990	81,984	230	1,848	662	44,134	2,513	458	1,225	253	729	44,134	2,513	458	1,848	1,225	253	357	21,383

DELINEATOR SCHEDULE	
LOCATION	DELINEATORS
	63500105 EACH
(SECTION 1)	
IL 97 - MAINLINE	32
(SECTION 1) SUBTOTALS	32
(SECTION 2)	
IL 97 - MAINLINE	49
BRADFORDTON RD	19
HAZLETT RD	8
(SECTION 2) SUBTOTALS	76
(SECTION 3)	
IL 97 - MAINLINE	44
KOKE MILL RD	2
(SECTION 3) SUBTOTALS	46
GRAND TOTALS	154

ROW MARKER SCHEDULE	
LOCATION	FURNISHING AND ERECTING RIGHT OF WAY MARKERS
	66600105 EACH
(SECTION 1)	
IL 97 - MAINLINE	8
(SECTION 1) SUBTOTALS	8
(SECTION 2)	
IL 97 - MAINLINE	17
BRADFORDTON RD	21
EX IL 97	2
HAZLETT RD	8
(SECTION 2) SUBTOTALS	48
(SECTION 3)	
IL 97 - MAINLINE	13
KOKE MILL RD	4
(SECTION 3) SUBTOTALS	17
GRAND TOTALS	73

SIGNING SCHEDULE									
LOCATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	REMOVE AND SALVAGE SIGN PANEL
	72000100 SQ FT	72000200 SQ FT	72400100 EACH	72400200 EACH	72400310 SQ FT	72400320 SQ FT	72800100 FOOT	73100100 EACH	X2600007 EACH
(SECTION 2)									
IL 97 - MAINLINE		50.00	1	1	5.00				
EX IL 97		20.00							
BRADFORDTON RD & SIGNALS	94.00	102.00		2		20.00	125.70	2	
EX MOORE RD					6.25				
HAZLETT RD	21.00			1	6.25		35.00		
(SECTION 2) SUBTOTALS	115.00	172.00	1	4	17.50	20.00	160.70	2	
USE	115	172	1	4	18	20	161	2	
(SECTION 3)									
IL 97 - MAINLINE	144.60	136.00	8	6	50.25		326.03	4	1
KOKE MILL RD	12.75			1	11.25		18.99		
(SECTION 3) SUBTOTALS	157.35	136.00	8	7	61.50		345.02	4	1
USE	158	136	8	7	62		346	4	1
GRAND TOTALS	273	308	9	11	80	20	507	6	1

 REVISED 7-14-2026



USER NAME = FNeison
PLOT SCALE = 2,0000 ' / in.
PLOT DATE = 7/14/2026

DESIGNED - RG
DRAWN - RG
CHECKED - FBN
DATE - 05/08/2026

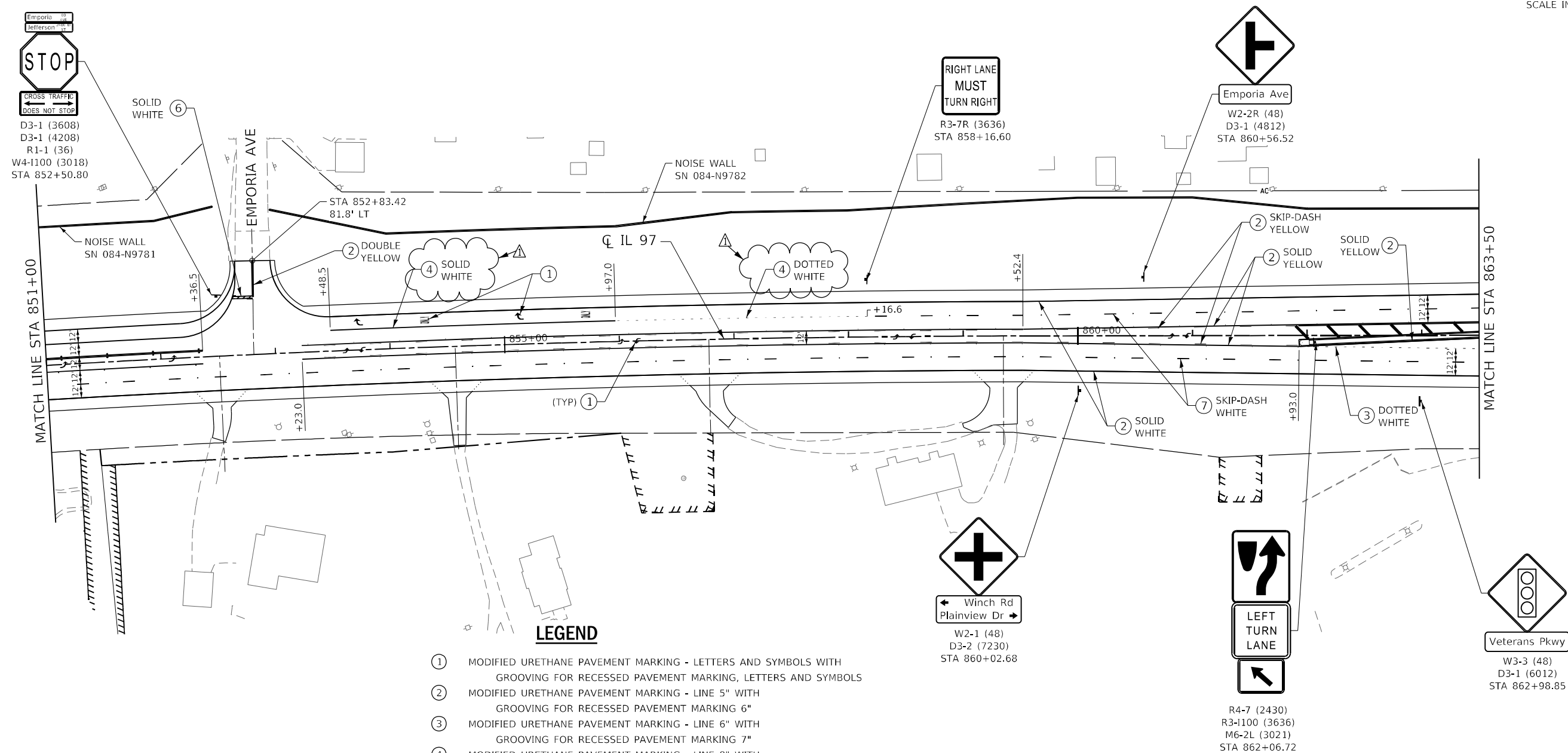
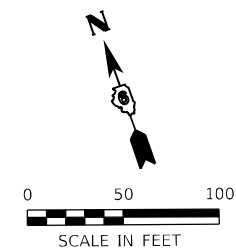
REVISED - 07/14/2026
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

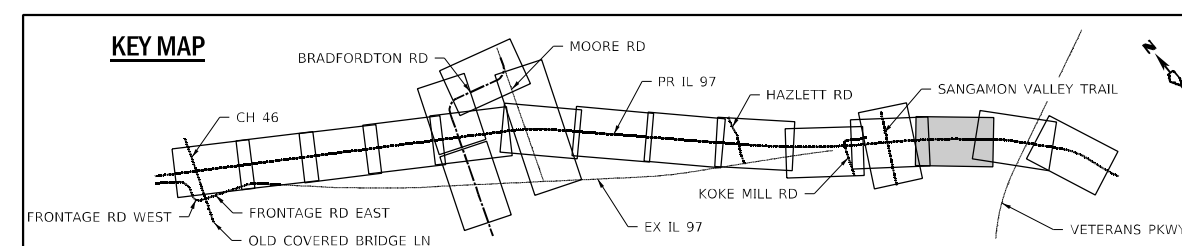
SCHEDULE OF QUANTITIES

SCALE: NONE	SHEET 7 OF 7 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	29
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



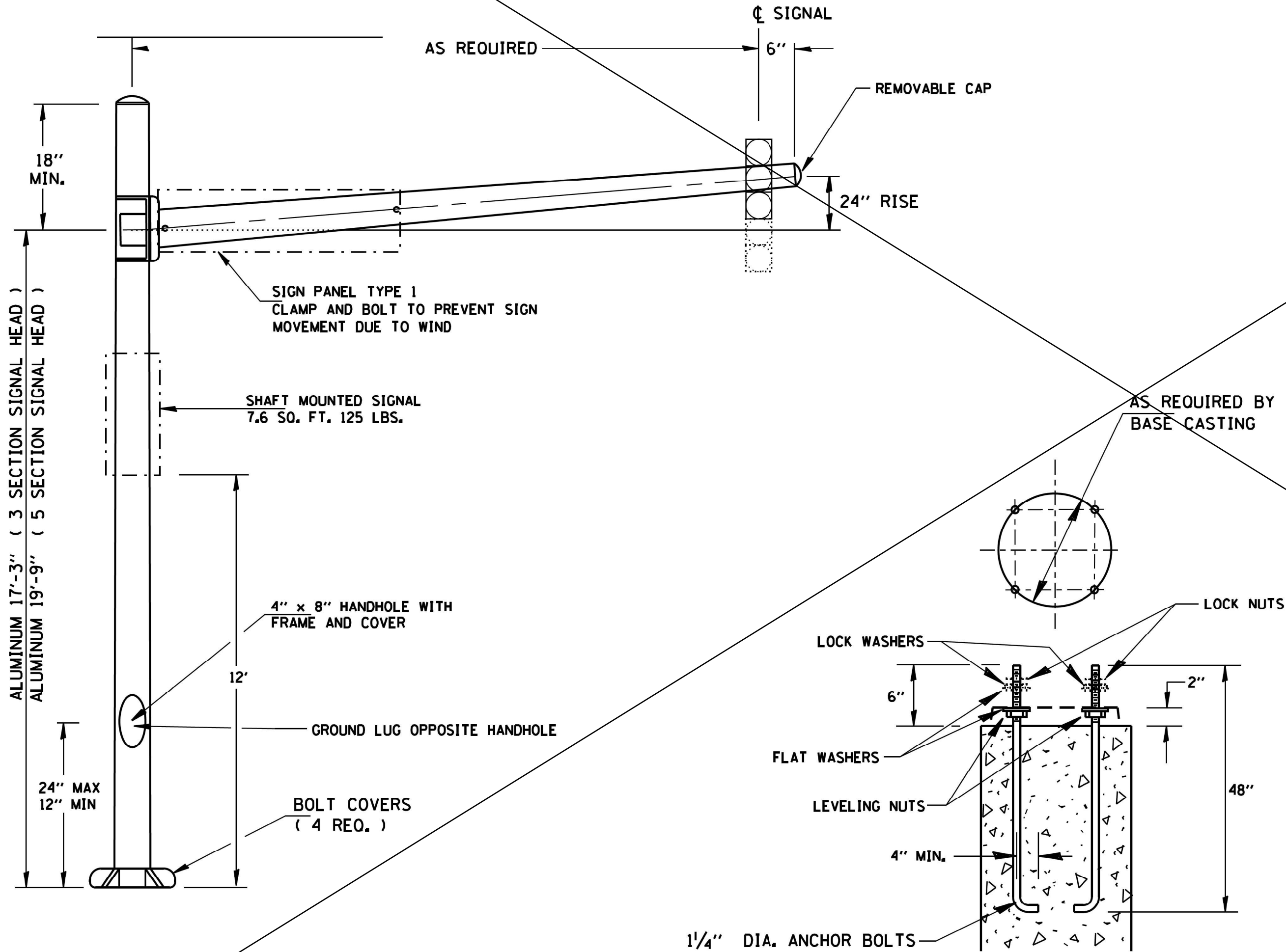
1 REVISED 7-14-2026



MODEL: Droad FILE NAME: S10  QUIGG ENGINEERING INC	USER NAME = FNeelson	DESIGNED - JB	REVISED - 07/14/2026	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 97 SIGNING AND PAVEMENT MARKING PLANS						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RG	REVISED -		67	(S,W)R-2,W-2,PB	SANGAMON	412	211						
	PLOT SCALE = 100,0000 ' / in.	CHECKED - FBN	REVISED -		CONTRACT NO. 92621										
	PLOT DATE = 7/14/2026	DATE - 05/08/2026	REVISED -		SCALE: 1" = 50'	SHEET 4 OF 9 SHEETS	STA. 851+00.00 TO STA. 863+50.00		ILLINOIS	FED. AID PROJECT					

SCHEDULE FOR MAST ARM MOUNTED STREET NAME SIGNS

QUANTITY EACH	FORMAT	LETTER SIZE	LOCATION	SIGN SIZE			SIGN PANEL	
				WIDTH	HEIGHT	SO. FT.	TYPE 1 SO. FT.	TYPE 2 SO. FT.

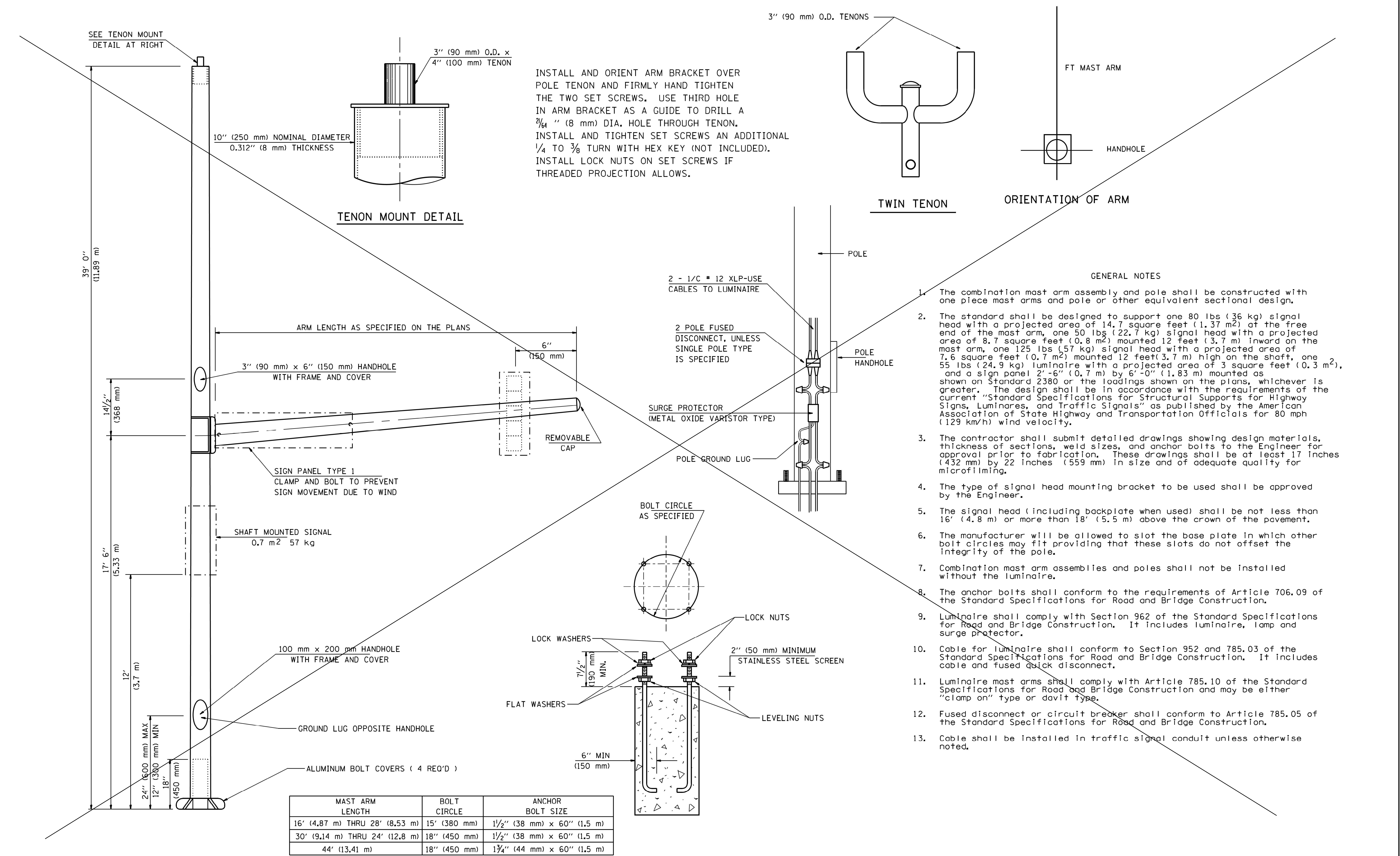


NUTS, LOCKWASHERS AND FLATWASHERS SHALL BE GALVANIZED STEEL, 4 EACH REQUIRED. (REFER TO ARTICLE 710.12 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION)

1. THIS STANDARD SHALL BE DESIGNED TO SUPPORT ONE 80 LB. SIGNAL HEAD OF 14.7 SQ. FT. PROJECTED AREA AT THE FREE END OF THE MAST ARM AND ONE 125 LB. SIGNAL HEAD OF 7.6 SQ. FT. PROJECTED AREA MOUNTED 12 FT. UP ON THE SHAFT OR THE SIGNAL LOADINGS SHOWN ON THE PLANS, WHICHEVER IS GREATER. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF THE MAST ARM ASSEMBLY TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THESE DRAWINGS SHALL BE AT LEAST 17 IN. BY 22 IN. IN SIZE AND OF ADEQUATE QUALITY FOR MICROFILMING.
3. HOLES IN THE SHAFT FOR WIRE INLET AND BACK CLAMP BOSSES SHALL BE DRILLED IN THE FIELD.
4. OTHER ALLOYS, ACCEPTABLE BY AASHTO, WHICH SATISFY OR EXCEED THE DESIGN REQUIREMENTS MAY BE USED IF APPROVED BY THE ENGINEER.
5. HIGH STRENGTH ANCHOR BOLTS, WHEN USED, SHALL BE SPECIFIED WITH ASTM SPECIFICATIONS INDICATING MINIMUM YIELD AND TENSILE STRENGTH.
6. THE SIGNAL HEAD (INCLUDING BACKPLATE WHEN USED) SHALL BE NOT LESS THAN 16'-0" OR MORE THAN 18'-0" ABOVE THE ROADWAY.

△ REVISED 7-10-2026

MODEL: Default
FILE NAME: I:\Projects\21385-02104_CADD_01\CADD_Sheets\0692621-shts-07 1197-Bradfordton_D6 Combination Aluminum Mast Arm Detail.dgn



△ REVISED 7-10-2026

SINGH
SINGH & ASSOCIATES INC.
CONSULTING ENGINEERS

USER NAME = ggedemer	DESIGNED - EEC	REVISED -
	DRAWN - EEC	REVISED -
PLOT SCALE = 1.0000 ' / in.	CHECKED - GG	REVISED -
PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT SIX
ALUMINUM COMBINATION MAST ARM ASSEMBLY AND POLE DETAIL

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	231
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				