

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	*239	1
*FAI 70, 270, 55/70	ILLINOIS	CONTRACT NO. 76H84		

*239 + 1 = 240 TOTAL SHEETS

D-98-017-16



LOCATION OF SECTION INDICATED THUS: —

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAI 70 (I-70) AND FAI 270 (I-270)
SECTION 60-(10,11)RS-1, 60-(9,10)RS-3
PROJECT NHPP-YQT9(213)
RESURFACING
MADISON COUNTY

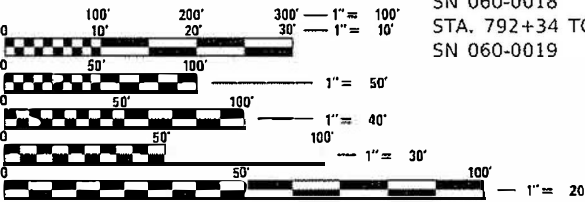
C-98-330-18

END I-55/70 ULTRA-THIN OVERLAY
STA:1266+00
LAT:38.7558°N
LONG:89.9061°W

I-55/70 ULTRA-THIN OVERLAY
STATION EQUATION
STA. 856+00 BK=1382+94 AH

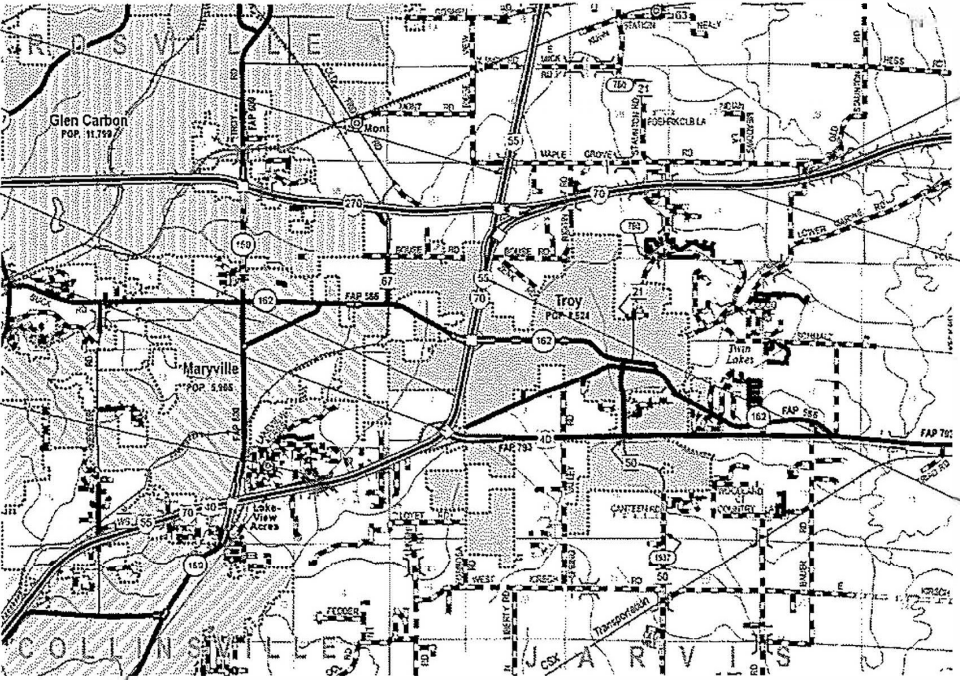
I-55/70 ULTRA-THIN OVERLAY
BRIDGE OMISSION
STA. 144+29 TO 147+04
SN 060-0267

I-55/70 ULTRA-THIN OVERLAY
BRIDGE OMISSION
STA. 792+06 TO 793+58
SN 060-0018
STA. 792+34 TO 793+86
SN 060-0019



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 EXCAVATORS
1-800-892-0123
OR 811



BRIDGE PAINTING (SN 060-0174)

END I-70/270 RESURFACING
STA:1028+45
LAT:
LONG:

BEGIN I-70/270 RESURFACING
STA:891+12
LAT:
LONG:

BEGIN I-55/70 ULTRA-THIN OVERLAY
STA: 723+42
LAT: 38.7091°N
LONG:89.9514°W



PROJECT ENGINEER: TIFFANY BRASE 618-346-3175
PROJECT MANAGER: PHIL FREIMUTH 618-346-3194

CONTRACT NO. 76H84

GROSS LENGTH = 38,685.00 FT. = 7.327 MILE
NET LENGTH = 38,533.00 FT. = 7.298 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED July 2, 2020
David Kolbert REGIONAL ENGINEER
August 14, 2020
Scott A. Elk ENGINEER OF DESIGN AND ENVIRONMENT
August 14, 2020
James M. Gurn DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COMBINED COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
3-15	COMBINED SUMMARY OF QUANTITIES
1-209	PLAN SET 1 OF 2 - I-70/270 RESURFACING PLANS
1-15	PLAN SET 2 OF 2 - I-55/70 ULTRA-THIN BONDED OVERLAY COURSE

GENERAL NOTES

1.

THIS CONTRACT CONTAINS TWO SEPERATE SETS OF PLANS

A. SET 1 OF 2 - I-70/270 RESURFACING ALONG I-70 AND I-270 FROM I-55 TO 2.5 MILES EAST OF THE I-55/70/270 INTERCHANGE

B. SET 2 OF 2 - I-55/70 ULTRA-THIN BONED WEARING COURSE ALONG I-55/70 FROM 0.4 MILES EAST OF IL 159 TO 0.3 MILES NORTH OF I-270.
2.

NO PERMANENT LANE CLOSURES OR INTERSTATE CLOSURES FOR THE I-70/270 RESURFACING AND THE I-55/70 ULTRA-THIN WEARING COURSE SHALL BE PERFORMED CONCURRENTLY.

COMMITMENTS

ENVIRONMENTAL

TREE CLEARING SHALL NOT BE DONE FROM APRIL 1ST THROUGH SEPTEMBER 30TH DUE TO POSSIBLE SUITABLE HABITAT FOR THE INDIANA AND NORTHERN LONG-EARD BATS. IMPACTS TO TREES SHAPP BE MITIGATED IN ACCORDANCE WITH IDOT DEPARTMENT POLICY D&E-18 PRESERVATION AND REPLACEMENT OF TREES

HIGHWAY STANDARDS

000001-07	643001-02
001006	701101-05
202001-01	701106-02
280001-07	701400-09
406101-05	701401-12
420001-09	701406-12
420101-06	701411-09
420701-03	701426-09
442001-04	701428-01
442101-09	701446-10
482001-02	701451-05
482011-03	701456-05
542001-06	701901-08
542311-07	720001-01
601001-05	720011-01
630001-12	725001-01
630301-09	780001-05
631011-10	781001-04
631031-16	782006-01
635001-02	701406-12
642001-02	

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	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARS, GENERAL NOTES, AND COMMITMENTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	2	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			*FAI 70, 270, 55/70	CONTRACT NO. 76H84				
	PLOT DATE = 7/2/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
	SCALE:		SHEET	OF	SHEETS	STA.	TO STA.				

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90% FED 10% STATE				CONSTRUCTION CODE											
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048
				URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530
20100500	TREE REMOVAL , ACRES	ACRE	9.5		9.5										
20200100	EARTH EXCAVATION	CU YD	5337		5337										
20400800	FURNISHED EXCAVATION	CU YD	3021		3021										
20700110	POROUS GRANULAR EMBANKMENT	TON	107											107	
21400100	GRADING AND SHAPING DITCHES	FOOT	1155		1155										
25000210	SEEDING, CLASS 2A	ACRE	12.75		12.75										
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1146		1146										
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1146		1146										
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1146		1146										
25000700	AGRICULTURAL GROUND LIMESTONE	TON	22.5		22.5										
25100630	EROSION CONTROL BLANKET	SQ YD	61614		61614										
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3819		3819										
28000305	TEMPORARY DITCH CHECKS	FOOT	936		936										
28000500	INLET AND PIPE PROTECTION	EACH	5		5										

USER NAME = ruhollds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE:	SHEET 1	OF 13 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	3
*FAI 70, 270, 55/70		CONTRACT NO. 76H84		
		ILLINOIS	FED. AID PROJECT	

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DATE: 7/17/2020

90% FED 10% STATE				CONSTRUCTION CODE											
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				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530
28100207	STONE RIPRAP, CLASS A4	TON	952.1		108.5									253.3	253.1
28100225	STONE RIPRAP, CLASS B3	TON	21							21					
28200200	FILTER FABRIC	SQ YD	942		144.9									200.7	328.8
28400100	GABIONS	CU YD	55												55
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	6553.5		6553.5										
40600250	RAPID SETTING POLYMER MODIFIED EMULSION	POUND	290792	290792											
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	14378		14378										
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	40844		40844										
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	88971		88971										
40600990	TEMPORARY RAMP	SQ YD	1599		1599										
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N90	TON	10633.2		10633.2										
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	23539.5		23539.5										
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	4835.3		4835.3										
44000100	PAVEMENT REMOVAL	SQ YD	341.1		341.1										

USER NAME = ruhallds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE:	SHEET 2	OF 13 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10.11)RS-1, 60-(9.10)RS-3	MADISON	239	4
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT				

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90% FED 10% STATE				CONSTRUCTION CODE												
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530	S.N. 060-2530
44000152	HOT-MIX ASPHALT SURFACE REMOVAL , 3/4"	SQ YD	170054	170054												
44000166	HOT-MIX ASPHALT SURFACE REMOVAL , 4 1/4"	SQ YD	38075		38075											
44000174	HOT-MIX ASPHALT SURFACE REMOVAL , 6 1/4"	SQ YD	122039		122039											
44004000	PAVED DITCH REMOVAL	FOOT	679.2		679.2											
44004250	PAVED SHOULDER REMOVAL	SQ YD	4868		4868											
44200050	WELDED WIRE REINFORCEMENT	SQ YD	760.7	98	662.7											
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	4942.3		4942.3											
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	393.5		393.5											
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	202.7		202.7											
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	66.7		66.7											
44201053	CLASS B PATCHES, TYPE IV, 17 INCH	SQ YD	98	98												
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	9	9												
44201299	DOWEL BARS 1 1/2"	EACH	1275	97	1178											
44213000	PATCHING REINFORCEMENT	SQ YD	3759.9		3759.9											

USER NAME = ruhallds	DESIGNED -	REVISED -
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PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	5
		CONTRACT NO. 76H84		
		ILLINOIS	FED. AID PROJECT	

[illegible]

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	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	6
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	PLOT DATE = 7/17/2020	DATE -	REVISED -		SCALE:	SHEET 4	OF 13 SHEETS	STA.	TO STA.					
										ILLINOIS	FED. AID PROJECT			

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90% FED 10% STATE				CONSTRUCTION CODE											
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	42		42										
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	16		16										
542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	54		54										
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		1										
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3		3										
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	5		5										
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	2		2										
54246405	INLET BOX, STANDARD 542531	EACH	1		1										
54248510	CONCRETE COLLAR	CU YD	1 8		1 8										
54261418	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	EACH	2		2										
X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	54745			19445	7196	7859		12440			7805		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	81		81										
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	52354		52354										
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	52354		52354										

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PLOT DATE = 7/17/2020	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	7
			CONTRACT NO. 76H84	
			ILLINOIS FED. AID PROJECT	

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90% FED 10% STATE				CONSTRUCTION CODE											
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1716		1716										
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2		2										
60500060	REMOVING INLETS	EACH	2		2										
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	12239		12239										
* 63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	100		100										
* 63000017	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	FOOT	296		296										
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	15		15										
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	19		19										
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	8		8										
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	31		31										
63200310	GUARDRAIL REMOVAL	FOOT	9727		9727										
63500105	DELINEATORS	EACH	372		372										
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	50141		50141										
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4		4										

* SPECIALTY ITEM

	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	8
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76H84				
	PLOT DATE = 7/17/2020	DATE -	REVISED -		SCALE:	SHEET 6	OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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90% FED 10% STATE				CONSTRUCTION CODE												
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530	S.N. 060-2530
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2											
64301090	ATTENUATOR BASE	SQ YD	55		55											
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	13		13											
67100100	MOBILIZATION	L SUM	1	0.2	0.8											
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	14	14												
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1												
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1												
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1												
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1												
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90		90											
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	2216	196	2020											
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.2	0.8											
70300100	SHORT TERM PAVEMENT MARKING	FOOT	43400	14232	29168											
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	14467	4744	9723											

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10.11)RS-1, 60-(9.10)RS-3	MADISON	239	9
		CONTRACT NO. 76H84		
		ILLINOIS	FED. AID PROJECT	

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90% FED 10% STATE				CONSTRUCTION CODE											
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	20362	20362											
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	182230	99361	82869										
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	18163	10144	8019										
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7201.5		6651.5							550			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4378		3828							550			
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	6		6										
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	5		5										
*	72000200 SIGN PANEL - TYPE 2	SQ FT	48		48										
*	72000300 SIGN PANEL - TYPE 3	SQ FT	4569		4569										
	72400320 REMOVE SIGN PANEL - TYPE 2	SQ FT	48		48										
	72400330 REMOVE SIGN PANEL - TYPE 3	SQ FT	4773		4773										
*	72501000 TERMINAL MARKER - DIRECT APPLIED	EACH	35		35										
*	73300100 OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	82		82										
*	73301810 OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	28.8		28.8										

* SPECIALTY ITEM

	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	10
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76H84				
	PLOT DATE = 7/17/2020	DATE -	REVISED -		SCALE:	SHEET 8	OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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90% FED 10% STATE				CONSTRUCTION CODE												
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530	S.N. 060-2530
*	73301840	OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER, TYPE A	FOOT	60.5		60.5										
*	73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	109		109										
*	73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	55.4		55.4										
*	73500005	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1		1										
*	73500010	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	3		3										
*	73800005	REMOVE STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	2		2										
*	73800205	STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	2		2										
*	73800405	REMOVE AND RE-ERECT OVERHEAD SIGN SUPERSTRUCTURE - SPAN	EACH	1		1										
*	78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	140		140										
*	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	81139		81139										
*	78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	8019		8019										
*	78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	805		805										
*	78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	20362	20362											
*	78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	99361	99361											

* SPECIALTY ITEM

USER NAME	= ruhollds	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 100.0000 ' / in.	CHECKED	-
PLOT DATE	= 7/17/2020	DATE	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES

SCALE:	SHEET 9	OF 13	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	11
CONTRACT NO. 76H84				
	ILLINOIS	FED. AID PROJECT		

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90% FED 10% STATE				CONSTRUCTION CODE											
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530
*	78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	10144	10144										
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1730	1730										
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2982	1477	1505									
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	188	188										
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	54	54										
*	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2871	1477	1394									
*	80300100	LOCATING UNDERGROUND CABLE	FOOT	500	500										
	X0300028	ULTRA-THIN BONDED WEARING COURSE, IL-12.5 UTB, MIX "E"	SQ YD	170054	170054										
	X0323388	TRAFFIC COUNTER	EACH	1	1										
	X0326808	INTERSTATE WEEKEND CLOSURE, SPECIAL	L SUM	1	1										
	X4405020	LONGITUDINAL PARTIAL DEPTH REMOVAL, 2"	FOOT	253	253										
	X4406020	PARTIAL DEPTH REMOVAL, TYPE I, 2"	SQ YD	174.5	174.5										
	X4406220	PARTIAL DEPTH REMOVAL, TYPE II, 2'	SQ YD	391.1	391.1										
	X4406420	PARTIAL DEPTH REMOVAL, TYPE III, 2"	SQ YD	73.3	73.3										

* SPECIALTY ITEM

	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	12
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 76H84				
	PLOT DATE = 7/17/2020	DATE -	REVISED -		SCALE:		SHEET 10	OF 13	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	

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90% FED 10% STATE				CONSTRUCTION CODE												
				ROADWAY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0005	0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN	URBAN	S.N. 060-0022	S.N. 060-0023	S.N. 060-0024	S.N. 060-0058	S.N. 060-0059	S.N. 060-0173	S.N. 060-0174	S.N. 060-0182	S.N. 060-2529	S.N. 060-2530	S.N. 060-2530
X4406620	PARTIAL DEPTH REMOVAL , TYPE IV, 2"	SQ YD	220	220												
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	6.5	6.5												
X4421000	PARTIAL DEPTH PATCHING	TON	107.6	107.6												
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	41		41											
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	50		50											
X5420642	PIPE CULVERTS TO BE CLEANED 42"	FOOT	40		40											
X6350120	DELINEATOR REMOVAL	EACH	372		372											
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	6		6											
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		0.9							0.1				
X7010410	SPEED DISPLAY TRAILER	CAL MO	13		13											
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	110010	63230	46780											
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	140		140											
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	81139		81139											
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	8019		8019											

* SPECIALTY ITEM

	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					*	60-(10,11)RS-1, 60-(9,10)RS-3	MADISON	239	13
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 76H84				
	PLOT DATE = 7/17/2020	DATE -	REVISED -		SCALE:	SHEET 11	OF 13 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SET 1 OF 2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	1
ILLINOIS		CONTRACT NO. 76H84		

TRAFFIC DATA

FAI-55 NORTH BOUND
ADT: 21000 (2015)
26400 (2038)
SU = 3.1% MU = 22.4%

FAI-55 SOUTH BOUND
ADT: 20200 (2015)
25400 (2038)
SU = 3.2% MU = 18.3%

FAI-70 EAST BOUND (EAST OF INTERCHANGE)
ADT: 16200 (2015)
20100 (2038)
SU = 3.4% MU = 24.0%

FAI-70 WEST BOUND (EAST OF INTERCHANGE)
ADT: 16400 (2015)
20400 (2038)
SU = 4.0% MU = 27.4%

FAI-55 NB TO FAI-70 EB RAMP
ADT: 8200 (2015)
10200 (2038)
SU = 3.4% MU = 32.9% PHV = 615

FAI-70 WB TO FAI-55 SB RAMP
ADT: 7200 (2015)
8400 (2038)
SU = 4.2% MU = 27.0% PHV = 558

RAMP G1
ADT: 4750 (2016)
5900 (2038)
SU = 8.9% MU = 27.4%

RAMP G3
ADT: 125 (2016)
175 (2038)
SU = 8.0% MU = 3.6%

RAMP G4
ADT: 2800 (2016)
3500 (2038)
SU = 0.8% MU = 3.6%

RAMP G5
ADT: 175 (2016)
250 (2038)
SU = 11.4% MU = 11.4%

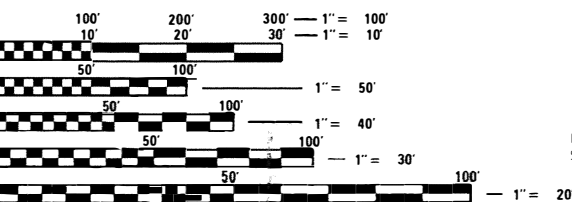
RAMP G6
ADT: 2800 (2016)
3500 (2038)
SU = 7.1% MU = 20.2%

RAMP G7
ADT: 4700 (2016)
5800 (2038)
SU = 6.4% MU = 20.2%

PROPOSED
HIGHWAY PLANS

FAI ROUTE 70 /FAI ROUTE 270
SECTION 60-(10-11)RS-1
FEDERAL AID PROJECT NHPP-YQT9(213)
RESURFACING
MADISON COUNTY

C-98-330-18

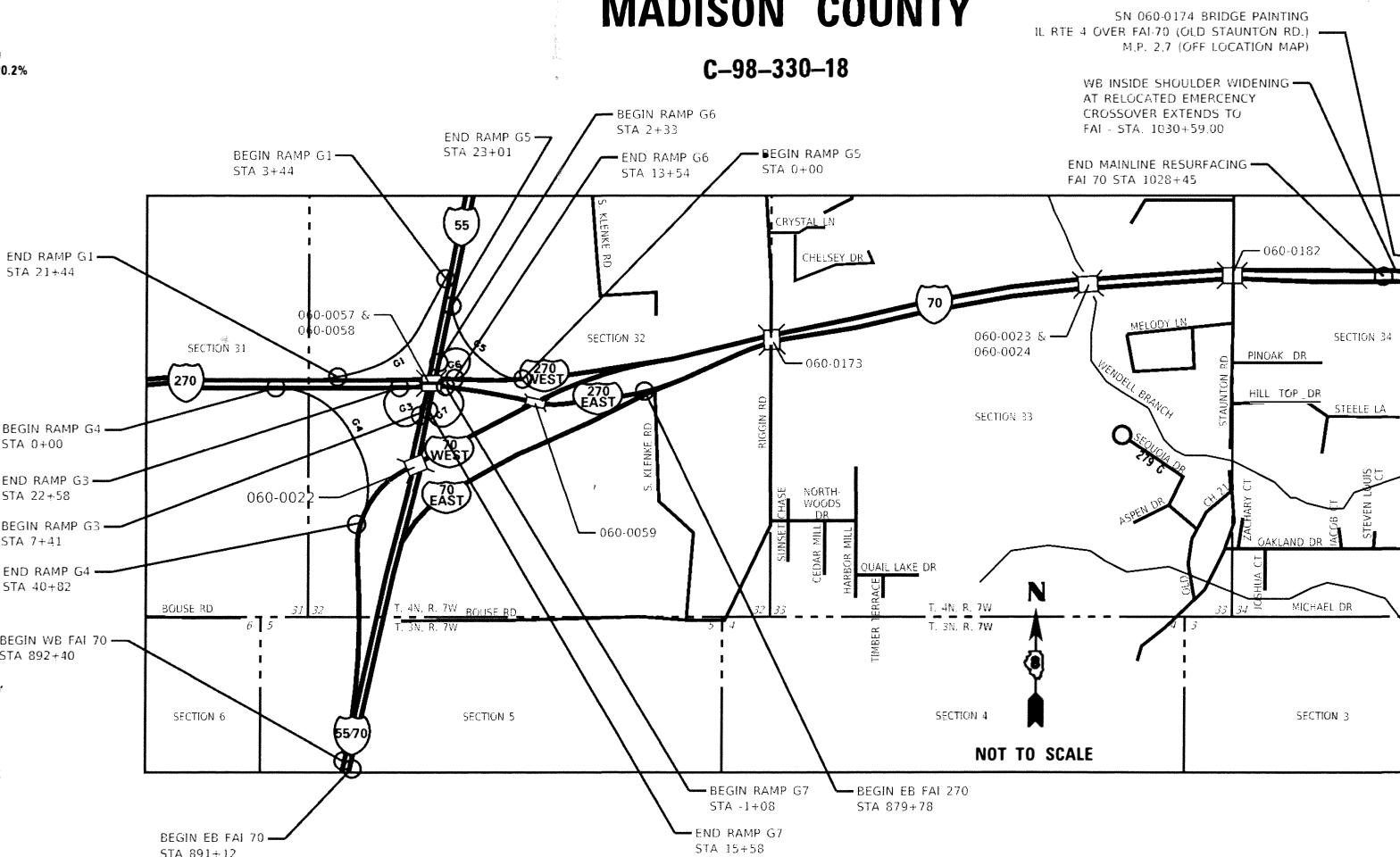


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER TIFFANY BRASE 618-346-3175
PROJECT MANAGER PHILLIP FREIMUTH 618-346-3194

CONTRACT NO. 76H84




GROSS LENGTH = 13,733 FT. = 2.60 MILES
NET LENGTH = 13,733 FT. = 2.60 MILES

SN 060-0174 BRIDGE PAINTING
IL RTE 4 OVER FAI-70 (OLD STAUNTON RD.)
M.P. 2.7 (OFF LOCATION MAP)

WB INSIDE SHOULDER WIDENING
AT RELOCATED EMERGENCY
CROSSOVER EXTENDS TO
FAI - STA. 1030+59.00

END MAINLINE RESURFACING
FAI 70 STA 1028+45

LOCATION OF SECTION INDICATED THUS: -  -
TIRTL TRAFFIC COUNTER
FAI-70 STA. 1031+00

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OF THE STATE OF ILLINOIS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUBMITTED _____	20 _____
REGIONAL ENGINEER	
_____	20 _____
ENGINEER OF DESIGN AND ENVIRONMENT	
_____	20 _____
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION	



Mark O'Brien
MARK O'BRIEN, P.E., P.L.S.
ILLINOIS REGISTERED ENGINEER NO. 062-066496
REGISTRATION EXPIRES NOV. 30, 2021

6-17-20

HMG HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
Engineers • Surveyors (618) 526-9611
IL PROF. DESIGN FIRM NO. 184.000899
EXPIRES 04/30/2021

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99-109	STRUCTURE REPAIRS - S.N. 060-0059
110	STRUCTURE REPAIRS - S.N. 060-0173
111-112	STRUCTURE REPAIRS - S.N. 060-0174
113	STRUCTURE REPAIRS - S.N. 060-0182
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124-132	CANTILEVER SIGN STRUCTURES
133-152	SIGN PANEL DETAILS
150-209	CROSS SECTIONS

HIGHWAY STANDARDS	
000001-07	635001-02
001006	642001-02
202001-01	643001-02
280001-07	701101-05
406001-06	701106-02
406101-05	701400-09
420001-09	701401-12
420101-06	701402-12
420701-03	701406-12
442001-04	701426-09
442101-09	701428-01
482001-02	701451-05
482011-03	701456-05
542001-06	701901-08
542311-07	704001-08
601001-05	720001-01
630001-12	720011-01
630301-09	725001-01
631011-10	780001-05
631031-16	781001-04
	782006-01

COMMITMENTS

ENVIRONMENTAL

TREE CLEARING SHALL NOT BE DONE FROM APRIL 1ST THROUGH SEPTEMBER 30TH DUE TO POSSIBLE SUITABLE HABITAT FOR THE INDIANA AND NORTHERN LONG-EARED BATS. IMPACTS TO TREES SHALL BE MITIGATED IN ACCORDANCE WITH IDOT DEPARTMENT POLICY D&E-18 PRESERVATION AND REPLACEMENT OF TREES.

GENERAL NOTES

1.

IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2.

UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
* AMEREN IL (GAS & ELECTRIC)	X	X
* BOND MADISON WATER COMPANY (WATER)		X
* CHARTER COMMUNICATIONS, INC. (COMMUNICATIONS)		X
* BUCKEYE PARTNERS L.P. (PIPELINE)		X
* LEVEL (3) COMMUNICATIONS (COMMUNICATIONS)	X	X
* ATT ILLINOIS (COMMUNICATIONS)	X	X
* SOUTHWESTERN ELECTRIC COOPERATIVE, INC. (ELECTRIC)	X	
* CITY OF TROY (WATER & SANITARY SEWER)		X

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *.
NON MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

3.

THE FOLLOWING STRUCTURES HAVE BEEN STRUCTURALLY ANALYZED AS TO THEIR ABILITY TO BE CROSSED BY AN EMPTIED MATERIAL TRANSFER DEVICE AS PER THE CONDITIONS STATED IN THE SPECIAL PROVISION TITLED "MATERIAL TRANSFER DEVICE."

S.N. 060-0022 (40 TONS MAX. GROSS WEIGHT)	S.N. 060-2528 (40 TONS MAX. GROSS WEIGHT)
S.N. 060-0023 (40 TONS MAX. GROSS WEIGHT)	S.N. 060-2529 (40 TONS MAX. GROSS WEIGHT)
S.N. 060-0024 (40 TONS MAX. GROSS WEIGHT)	S.N. 060-2530 (40 TONS MAX. GROSS WEIGHT)
S.N. 060-0058 (40 TONS MAX. GROSS WEIGHT)	S.N. 060-2544 (40 TONS MAX. GROSS WEIGHT)
S.N. 060-0059 (40 TONS MAX. GROSS WEIGHT)	S.N. 060-2577 (40 TONS MAX. GROSS WEIGHT)

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF THE MATERIAL TRANSFER DEVICE MUST CROSS ANY ADDITIONAL STRUCTURES (BEYOND THOSE SPECIFIED ABOVE). THE CONTRACTOR MUST PROVIDE A LIST OF ADDITIONAL STRUCTURES TO THE RESIDENT ENGINEER/RESIDENT TECHNICIAN A MINIMUM OF 30 DAYS IN ADVANCE OF THE DATE THE MATERIAL TRANSFER DEVICE WILL BE USED, IN ORDER THAT A STRUCTURAL ANALYSIS CAN BE PERFORMED BY THE DEPARTMENT'S BUREAU OF BRIDGES AND STRUCTURES.

4.

THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618/874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
5.

COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/ PUMP STATION/INTELLEGTENT TRANSPORTATION SYSTEM FACILITIES AND TO COORDNATE OTHER FIELD ACTIVITIES. CONTACT KEN DAVIS AT 618-346-3274.

8.

5 CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SHALL BE PLACED ALONG FAI-55, FAI-70 & FAI-270 OR AT THE DIRECTION OF THE ENGINEER.
9.

THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL LOCATIONS AT ALL TIMES.
10.

SURVEY WAS PREFORMED AT LOCATION OF WIDENING AND LOCATIONS ALONG THE MAINLINE PAVEMENT WHERE SUPERELEVATION OCCURS. THE PLANS WERE CREATED USING EXISITNG RESURFACING PLANS, FIELD MEASUREMENTS AND SURVEY DATA.
11.

ONLY SHORT-TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FORAS "SHORT TERM PAVEMENT MARKING REMOVAL."
12.

THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
13.

IF THE PROPOSED SURFACE REMOVAL ON THIS PROJECT PRODUCES A MILLED EDGE ANYWHERE GREATER THAN 1-1/2 INCHES OR IF THE PROPOSED RESURFACING RESULTS IN AN ELEVATION DIFFERENCE GREATER THAN 2 INCHES NEAR THE CENTERLINE BETWEEN ADJACENT OPEN LANES OF TRAFFIC, ONE OF THE FOLLOWING SHALL APPLY:

- * THE CONTRACTOR SHALL ORGANIZE THE WORK TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.
- * THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY HOT-MIX ASPHALT WEDGE TO AVAOID THE ELEVATION DIFFERENCES MENTIONED ABOVE
- * THE CONTRACTOR SHALL CONSTRUCT A MILLED SLOPE EDGE (MINIMUM 1:3) TO AVOID THE ELEVATION DIFFERENCES MENTIONED ABOVE.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL OF THE DEPTH SPECIFIED OR IN THE COST PER TON FOR THE HOT-MIX ASPHALT RESURFACING MIXES SPECIFIED IN THE PLANS.

14.

IT IS ESTIMATED THAT 9700 SQ FT OF AREA IS TO BE CLEANED AND PAINTED AT SN 060-0174 WHICH CARRIES OLD STAUNTON RD. OVER FAI-70. THIS WORK SHALL BE PAID FOR USING THE CLEANING AND PAINTING STEEL BRIDGE NO. 1. AND CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1 PAY ITEM CODES.
15.

DECK SEALER SHALL BE APPLIED PRIOR TO THE PLACEMENT OF PREFORMED PLASTIC PAVEMENT MARKINGS.
16.

CLASS A PATCHING SHALL BE TIED INTO THE EXISTING CONCRETE PAVEMENT USING 1½" DOWEL BARS DUE TO THE EXISTING PAVEMENT NOT BEING CONTINUOUSLY REINFORCED. DOWEL BARS SHALL BE PLACED AT 12" ON CENTERS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS A PATCHING AND DOWEL BARS.
17.

THE LOCATIONS IDENTIFIED AS HAVING THE EXISTING HIGH FRICTION SURFACE TREATMENT (HFST) HAVE A SURFACE TREATMENT COMPRISED OF CALCINED BAUXITE AGGREGATE AND POLYMER RESIN. THE HFST SHALL BE SHALL BE REMOVED AT THE EXPENSE AND DISCRETION OF THE CONTRACTOR AND SHALL NOT BE RECYCLED OR PLACED INTO ANY RAP OR FRAP PILE INTENDED FOR USE IN MIXTURES ON ANY FUTURE FEDERAL, STATE OR LOCALLY FUNDED PROJECTS.
18.

TRAFFIC WILL NOT BE ALLOWED ON ANY EXPOSED EXISTING PORTLAND CEMENT CONCRETE PAVEMENT AFTER HOT-MIX ASPHALT SURFACE REMOVAL. BEFORE LANES CAN BE RE-OPENED TO TRAFFIC, PROPOSED HOT-MIX ASPHALT BINDER COURSE SHALL BE PLACED.
19.

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

HOT-MIX ASPHALT BASE COURSE	112 LB/SQ YD/IN	RIP RAP	1.5 TON/CU YD
HOT-MIX ASPHALT SURFACE COURSE	112 LB/SQ YD/IN	SEEDING, CLASS 2A	200 LB/ACRE
AGGREGATE (SURFACE, BASE & BACKFILL)	2.05 TON/CU YD	TEMP. EROSION CONTROL SEEDING	100 LB/ACRE

BITUMINOUS MATERIALS:

TACK/PRIME COAT FOR BIT. CONCRETE		
-ON PAVEMENT	0.05 LB/ SQ FT	
-ON AGGREGATE	0.25 LB/SQ FT	
-ON COLD MILLED SURFACE	0.05 LB/SQ FT	
-FOG COAT ON NEW BINDER	0.025 LB/SQ FT	

20.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE REQUIREMENTS

ROUTE	FAI 70
SECTION	60-(10,11)-RS-1
COUNTY	MADISON
CONTRACT	76H84

DESCRIPTION:	STANDARD OVERLAY - RESURFACING ALONG I-70 FROM I-55 TO 2.5 MILES EAST OF I-55/70/270 INTERCHANGE
--------------	--

ADT (CONST. YR)	30,700
MU%	25.2
SU%	3.5
20 YR. ESAL'S	46.90

MIXTURE USE	POLY SURFACE	POLY BINDER
AC/PG	SBS PG 76-22	SBS PG 76-22
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=90
MIX COMPOSITION	IL 12.5	IL 19.0
FRICTION AGG	STONE MATRIX ASPHALT	MIXTURE "B"
QUALITY MGMT PROG.	PFP	PFP

	SHOULDERS < OR = TO 8 FEET		SHOULDERS > 8 FEET	
MIXTURE USE	SHOULDERS (LOWER)	SHOULDERS (SURFACE)	SHOULDERS (LOWER)	SHOULDERS (SURFACE)
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30
MIX COMPOSITION	IL 19.0L	IL 9.5L	IL 19.0L	IL 9.5L
FRICITION AGG				
QUALITY MGMT PROG.	QC/QA	QC/QA	QCP	QCP



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME	= mobrien
PLOT SCALE	= 100,0000 ' / in.
PLOT DATE	= 7/1/2020

DESIGNED -	M.OBRIEN	REVISED -	6-24-2020
DRAWN -	M.OBRIEN	REVISED -	6-30-2020
CHECKED -		REVISED -	
DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & INDEX OF SHEETS

SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	2
		CONTRACT NO. 76H84		
		ILLINOIS FED. AID PROJECT NHPP-QYT9(213)		

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				CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
20100500	TREE REMOVAL , ACRES	ACRE	9.5	9.5											
20200100	EARTH EXCAVATION	CU YD	5337	5337											
20400800	FURNISHED EXCAVATION	CU YD	3021	3021											
20700110	POROUS GRANULAR EMBANKMENT	TON	107											107	
21400100	GRADING AND SHAPING DITCHES	FOOT	1155	1155											
25000210	SEEDING, CLASS 2A	ACRE	12.75	12.75											
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1146	1146											
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1146	1146											
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1146	1146											
25000700	AGRICULTURAL GROUND LIMESTONE	TON	25.5	25.5											
25100630	EROSION CONTROL BLANKET	SQ YD	61614	61614											
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	3819	3819											
28000305	TEMPORARY DITCH CHECKS	FOOT	936	936											
28000500	INLET AND PIPE PROTECTION	EACH	5	5											

USER NAME = ruhollds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
				CONTRACT NO. 76H84
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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				CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
28100207	STONE RIPRAP, CLASS A4	TON	952.1	108.5									253.3	253.1	337.2
28100225	STONE RIPRAP, CLASS B3	TON	21						21						
28200200	FILTER FABRIC	SQ YD	942	144.9									200.7	328.8	267.6
28400100	GABIONS	CU YD	55											55	
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	6553.5	6553.5											
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	14378	14378											
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	40844	40844											
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	88971	88971											
40600990	TEMPORARY RAMP	SQ YD	1559	1559											
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	10633.2	10633.2											
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	23539.5	23539.5											
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	4835.3	4835.3											
44000100	PAVEMENT REMOVAL	SQ YD	341.1	341.1											
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	38075	38075											

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PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 2	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
		CONTRACT NO. 76H84		
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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				CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
44000174	HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/4"	SQ YD	122039	122039											
44004000	PAVED DITCH REMOVAL	FOOT	679.2	679.2											
44004250	PAVED SHOULDER REMOVAL	SQ YD	4868	4868											
44200050	WELDED WIRE REINFORCEMENT	SQ YD	662.7	662.7											
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	4942.3	4942.3											
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	393.5	393.5											
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	202.7	202.7											
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	66.7	66.7											
44201299	DOWEL BARS 1 1/2"	EACH	1178	1178											
44213000	PATCHING REINFORCEMENT	SQ YD	3759.9	3759.9											
44213200	SAW CUTS	FOOT	5306	5306											
44213204	TIE BARS 3/4"	EACH	750	750											
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3013	3013											
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	8861	8861											

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 3	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
				CONTRACT NO. 76H84
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
48203100	HOT-MIX ASPHALT SHOULDERS	TON	17828	17828											
50102400	CONCRETE REMOVAL	CU YD	53		26.5				26.5						
50104400	CONCRETE HEADWALL REMOVAL	EACH	9	9											
50104650	SLOPE WALL REMOVAL	SQ YD	28					3	25						
50105220	PIPE CULVERT REMOVAL	FOOT	20	20											
50300255	CONCRETE SUPERSTRUCTURE	CU YD	49.3		25.2				24.1						
50800105	REINFORCEMENT BARS	POUND	123	123											
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	6740		3390				3350						
51100100	SLOPE WALL 4 INCH	SQ YD	28					3	25						
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	32	32											
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	42	42											
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	16	16											
542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	54	54											
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1											

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 4	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
				CONTRACT NO. 76H84
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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				CONSTRUCTION CODE												
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT	
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				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	3												
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	5	5												
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	2	2												
54246405	INLET BOX, STANDARD 542531	EACH	1	1												
54248510	CONCRETE COLLAR	CU YD	1.8	1.8												
54261418	CONCRETE END SECTION, STANDARD 542001, 18", 1:4	EACH	2	2												
58700300	CONCRETE SEALER	SQ FT	54745		19445	7196	7859		12440			7805				
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	81	81												
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	52354	52354												
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	52354	52354												
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1716	1716												
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2	2												
60500060	REMOVING INLETS	EACH	3	3												
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	12239	12239												

USER NAME = ruhollds	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 5	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
				CONTRACT NO. 76H84
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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	USER NAME = ruholids	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
		DRAWN -	REVISED -							70	60-(10,11)RS-1	MADISON	209	3					
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 76H84									
	PLOT DATE = 7/17/2020	DATE -	REVISED -		SCALE: N.T.S.					SHEET 6	OF 11 SHEETS	STA.	TO STA.						
											ILLINOIS					FED. AID PROJECT NHPY-YO19(213)			

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				CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90	90											
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	2020	2020											
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	0.8	0.8											
70300100	SHORT TERM PAVEMENT MARKING	FOOT	29168	29168											
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9723	9723											
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	82869	82869											
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	8019	8019											
70400100	TEMPORARY CONCRETE BARRIER	FOOT	7201.5	6651.5							550				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4378	3828							550				
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	6	6											
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	5	5											
72000200	SIGN PANEL - TYPE 2	SQ FT	48	48											
72000300	SIGN PANEL - TYPE 3	SQ FT	4569	4569											
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	48	48											

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 7	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
				CONTRACT NO. 76H84
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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				CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	4773	4773											
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	35	35											
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	82	82											
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	28.8	28.8											
73301840	OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER, TYPE A	FOOT	60.5	60.5											
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	109	109											
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	55.4	55.4											
73500005	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1											
73500010	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	3	3											
73800005	REMOVE STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	2	2											
73800205	STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	2	2											
73800405	REMOVE AND RE-ERECT OVERHEAD SIGN SUPERSTRUCTURE - SPAN	EACH	1	1											
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	140	140											
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	81139	81139											

USER NAME = ruholids	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 8	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
				CONTRACT NO. 76H84
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

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				CONSTRUCTION CODE											
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BOX CULVERT	BOX CULVERT	BOX CULVERT	BOX CULVERT
				0006	0047	0047	0047	0048	0047	0048	0047	0047	0048	0048	0048
				URBAN	060-0022	060-0023	060-0024	060-0058	060-0059	060-0173	060-0174	060-0182	060-2529	060-2530	060-2577
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	8019	8019											
78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	805	805											
78009C06	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1730	1730											
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1505	1505											
78200C05	GUARDRAIL REFLECTORS, TYPE A	EACH	188	188											
78200C11	BARRIER WALL REFLECTORS, TYPE C	EACH	54	54											
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1394	1394											
80300100	LOCATING UNDERGROUND CABLE	FOOT	500	500											
X0323388	TRAFFIC COUNTER	EACH	1	1											
X5420615	PIPE CULVERTS TO BE CLEANED 15"	FOOT	41	41											
X5420624	PIPE CULVERTS TO BE CLEANED 24"	FOOT	80	80											
X5420642	PIPE CULVERTS TO BE CLEANED 42"	FOOT	40	40											
X6350120	DELINEATOR REMOVAL	EACH	372	372											
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	6	6											

USER NAME = ruhollds	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/17/2020	DATE -	REVISED -

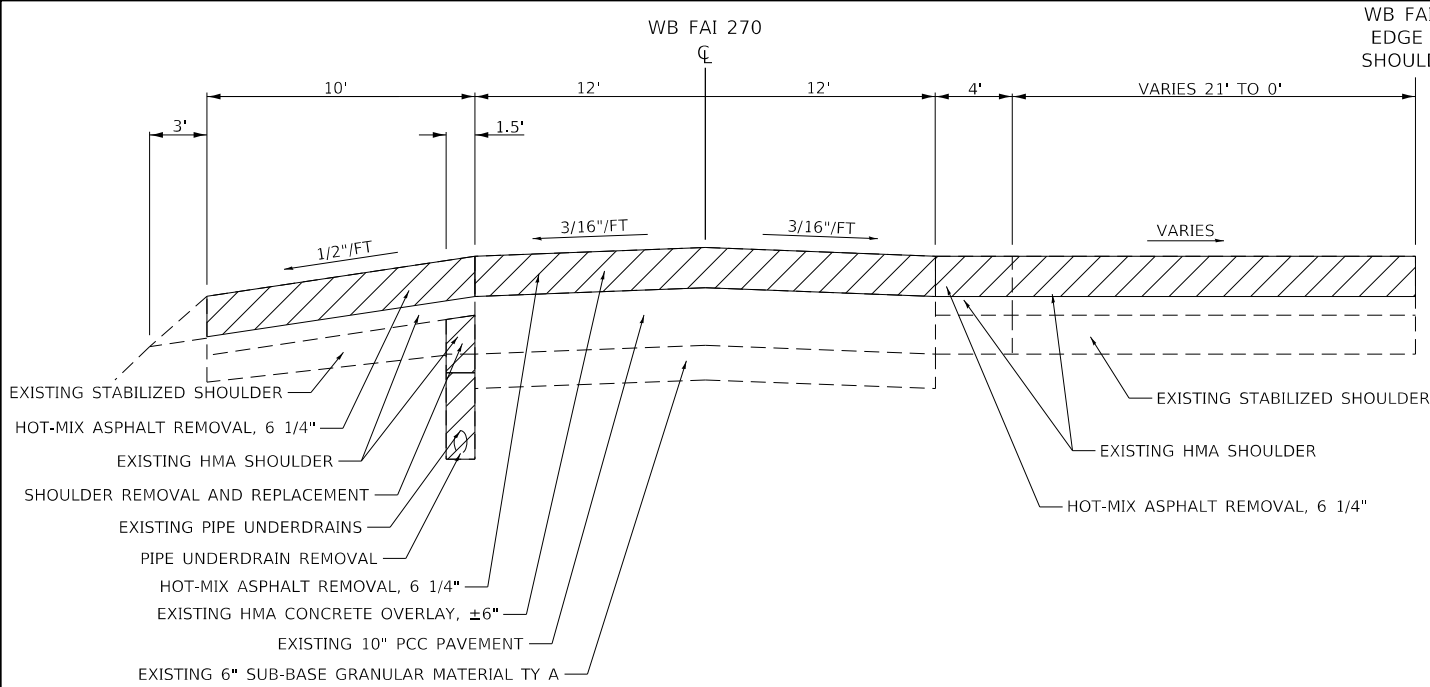
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 9	OF 11 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	3
		CONTRACT NO. 76H84		
		ILLINOIS	FED. AID PROJECT NHPP-Y0T9(213)	

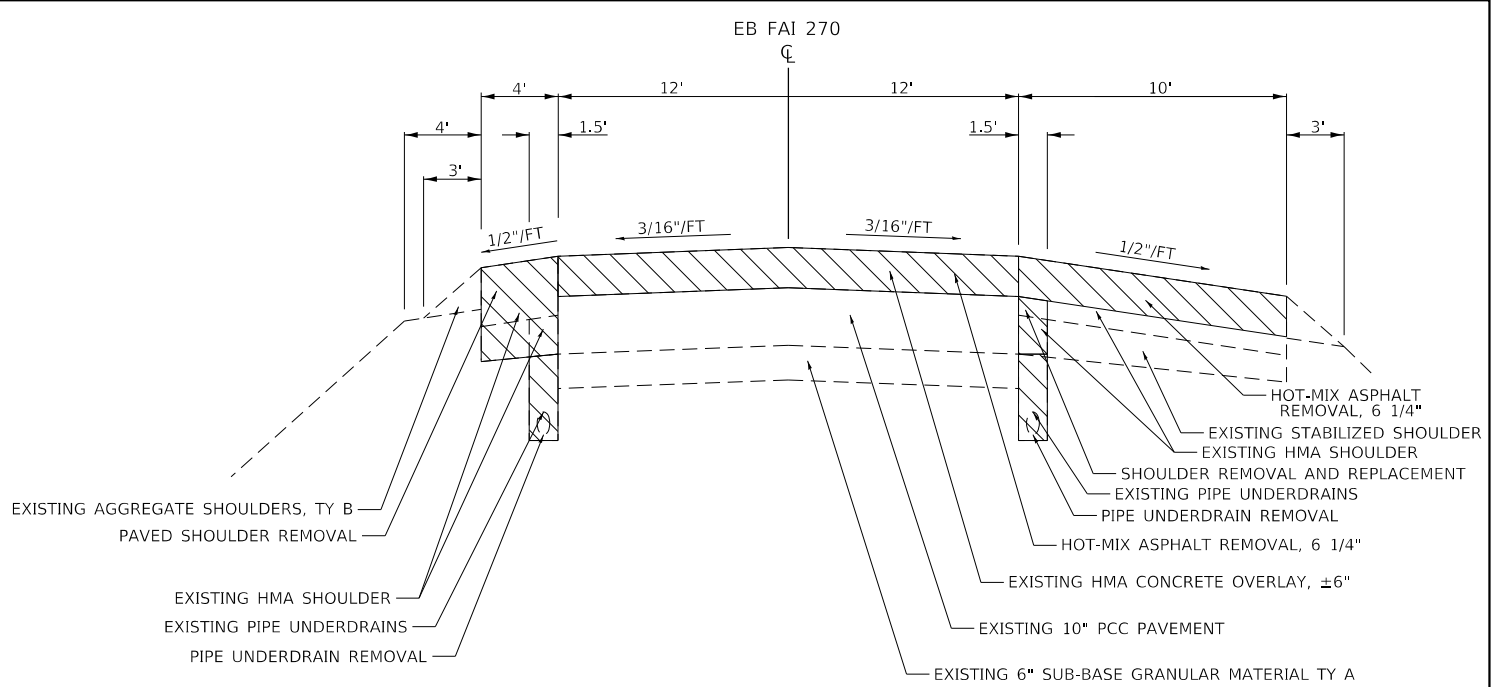
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		DRAWN -	REVISED -			70	60-(10,11)RS-1	MADISON	209	3	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 76H84					
	PLOT DATE = 7/17/2020	DATE -	REVISED -			FED. AID PROJECT NHPP-YOT9(213)					
						SCALE: N.T.S.	SHEET 11	OF 11	SHEETS	STA.	TO STA.



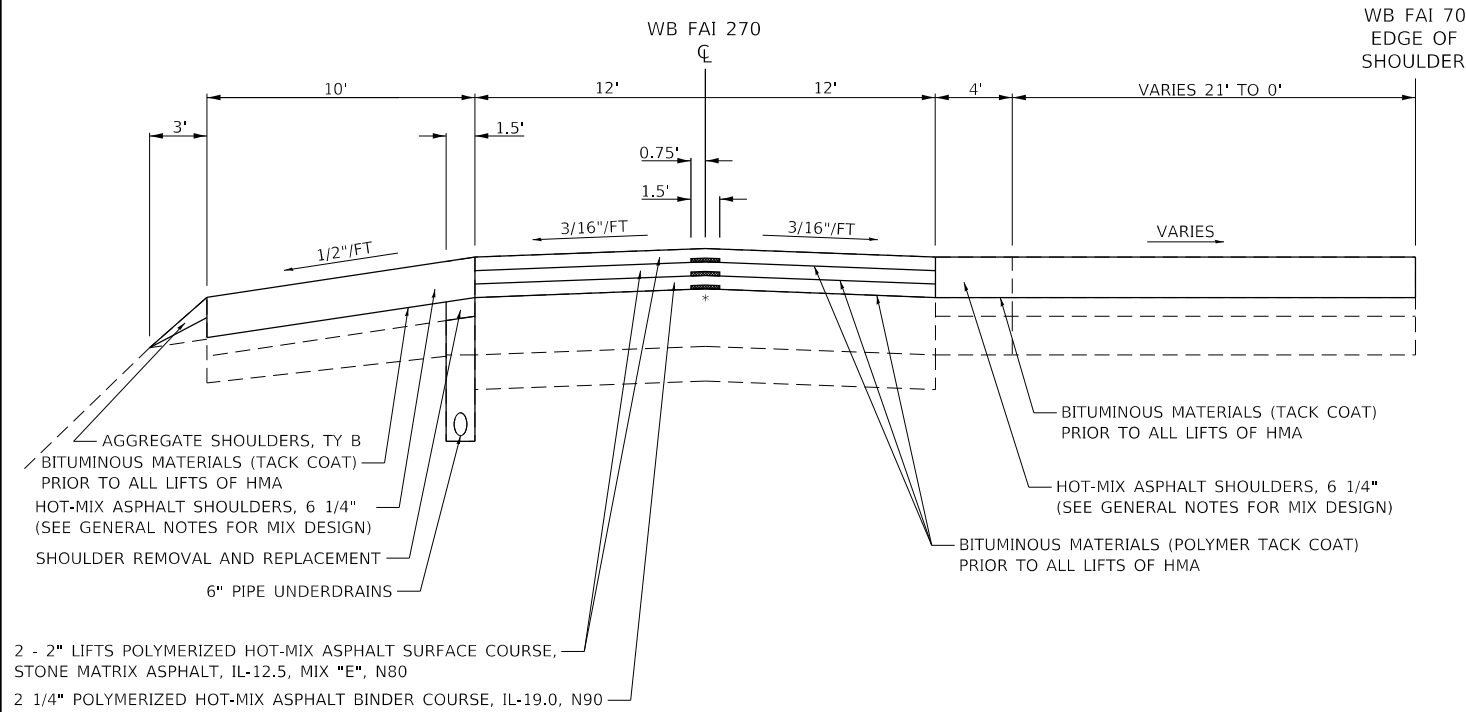
EXISTING TYPICAL SECTION

WB FAI 270 STATION 882+28 TO STATION 887+27



EXISTING TYPICAL SECTION

EB FAI 270 STATION 879+78 TO STATION 888+21

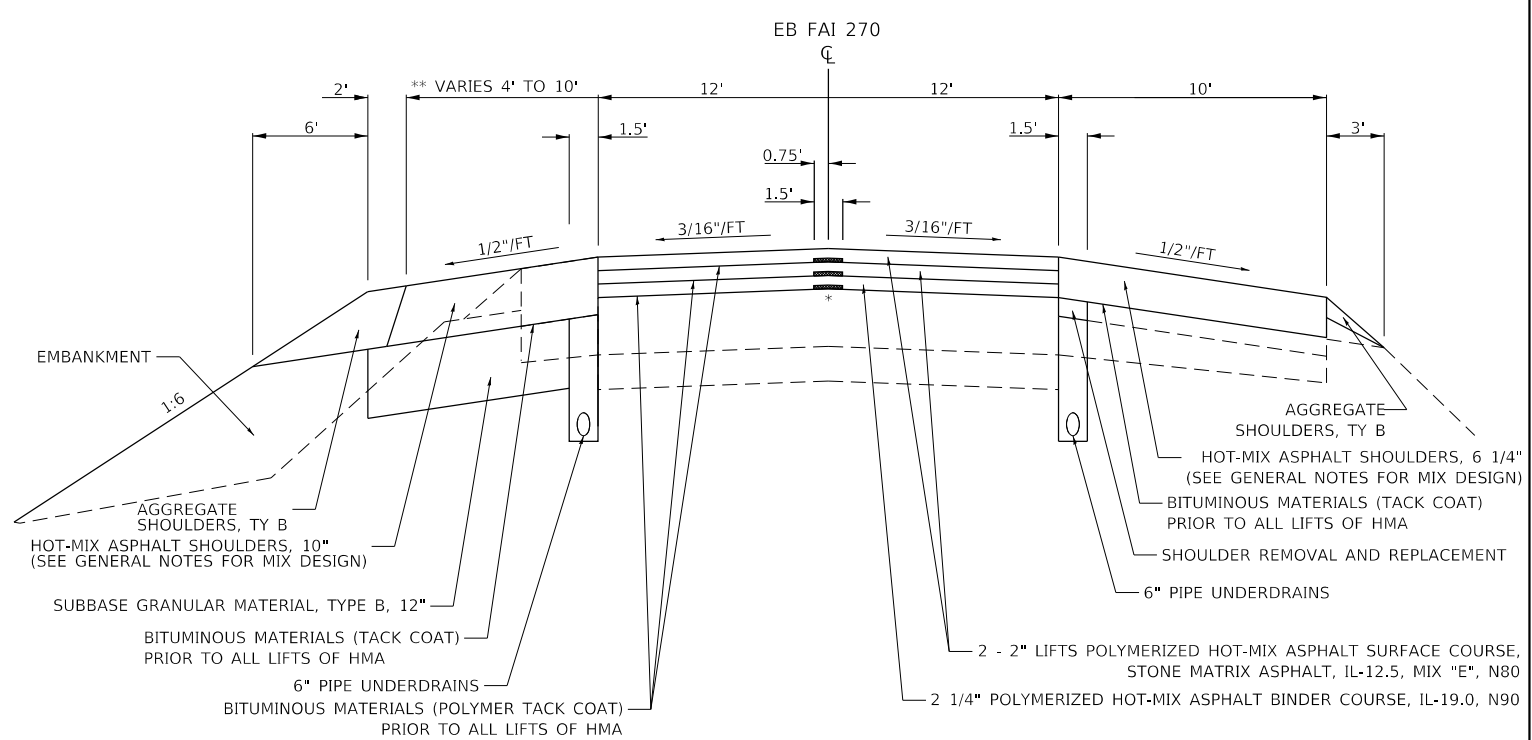


PROPOSED TYPICAL SECTION

WB FAI 270 STATION 882+28 TO STATION 887+27

NOTES:

* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.



PROPOSED TYPICAL SECTION

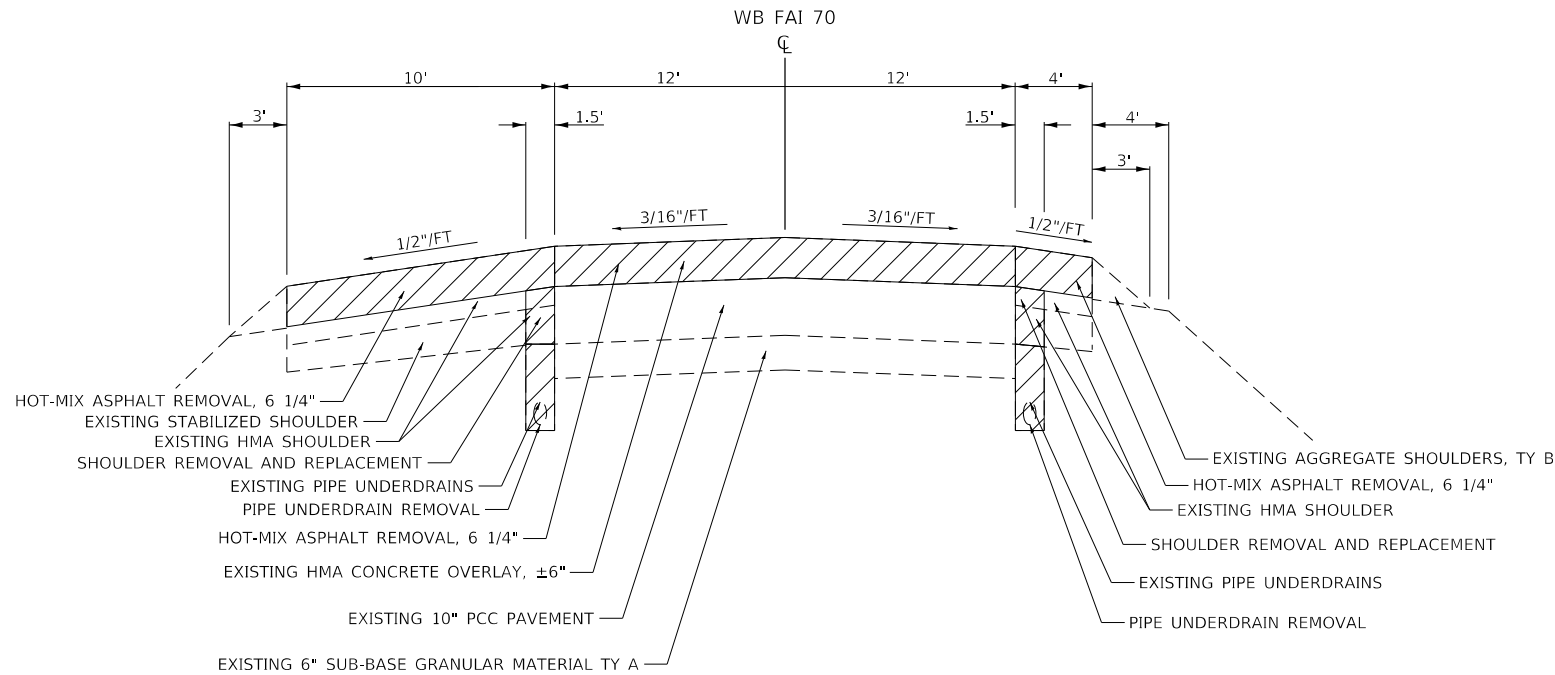
EB FAI 270 STATION 879+78 TO STATION 888+21

NOTES:

* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.
** EB FAI 270 STA 880+00 TO 881+00 LT HMA SHOULDER TRANSITIONS WIDTH FROM 4' TO 10'.
EB FAI 270 STATION 879+78 TO STATION 880+00 DOES NOT INCLUDING WIDENING ALONG INSIDE SHOULDER AND SHOULD BE CONSTRUCTED SIMILAR TO WB FAI 270 PROPOSED INSIDE SHOULDER.

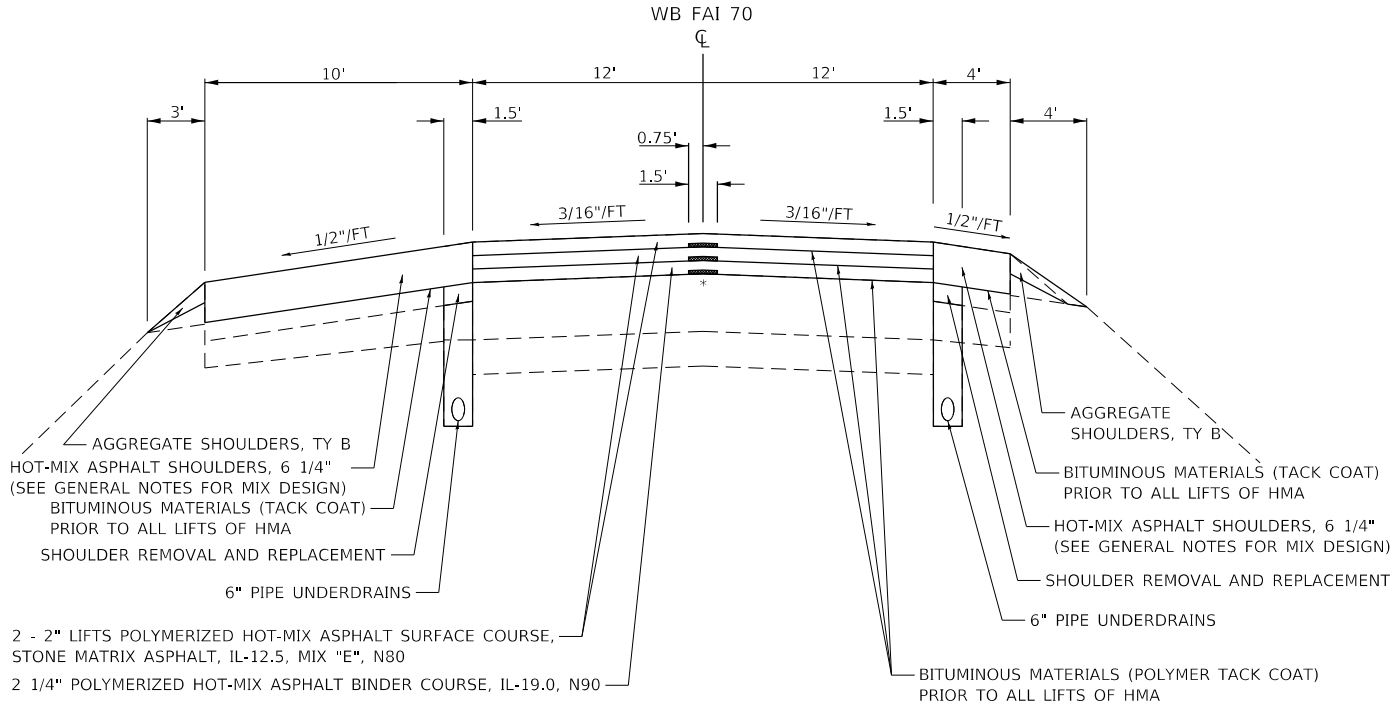
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BWC		REVIS	REVISED -					70	60-(10-11)RS-1	MADISON	209	14
	PLOT SCALE = 100,0000 ' / in.		CHECKED -	REVISED -		SCALE: N.T.S.			SHEET 1 OF 17 SHEETS		STA.	TO STA.	
	PLOT DATE = 6/17/2020		DATE -	REVISED -					ILLINOIS		FED. AID PROJECT	NHPP-YQT9(213)	



EXISTING TYPICAL SECTION

WB FAI 70 STATION 892+40 TO STATION 946+93
WB FAI 70 STATION 963+22 TO STATION 964+93.54
OMIT STRUCTURE STATION 911+00 TO STATION 915+13
NOTES:
WB FAI 70 STATION 892+00 TO STATION 910+65 HAS EXISTING HIGH FRICTION SURFACE TREATMENT PREVIOUSLY CONSTRUCTED.

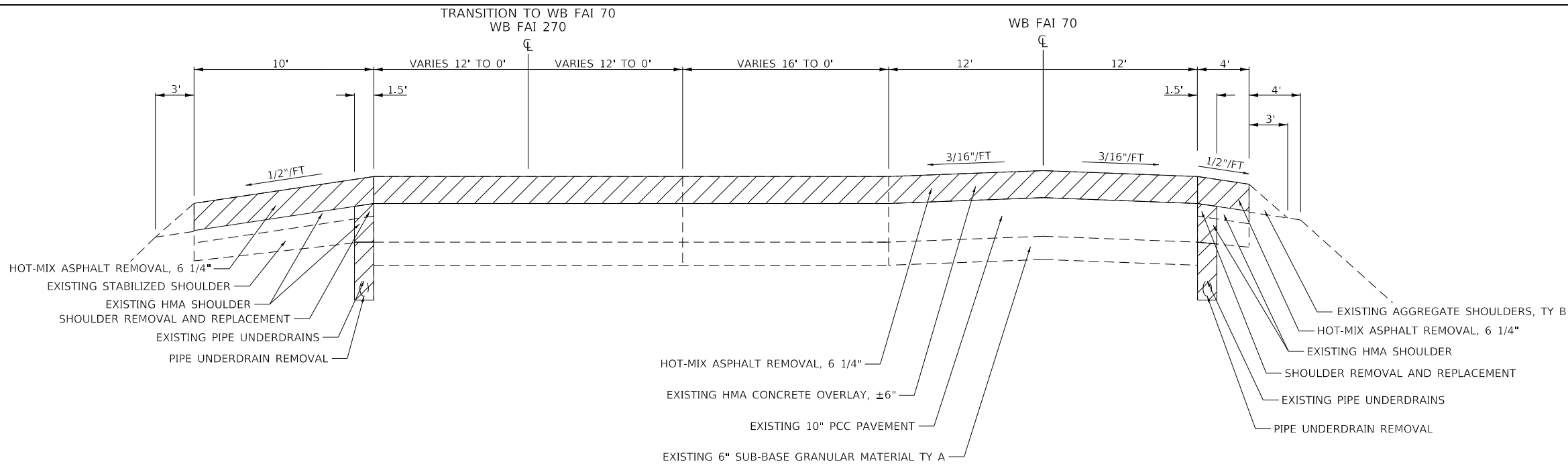


PROPOSED TYPICAL SECTION

WB FAI 70 STATION 892+40 TO STATION 946+93
WB FAI 70 STATION 963+22 TO STATION 964+93.54
OMIT STRUCTURE STATION 911+00 TO STATION 915+13
NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

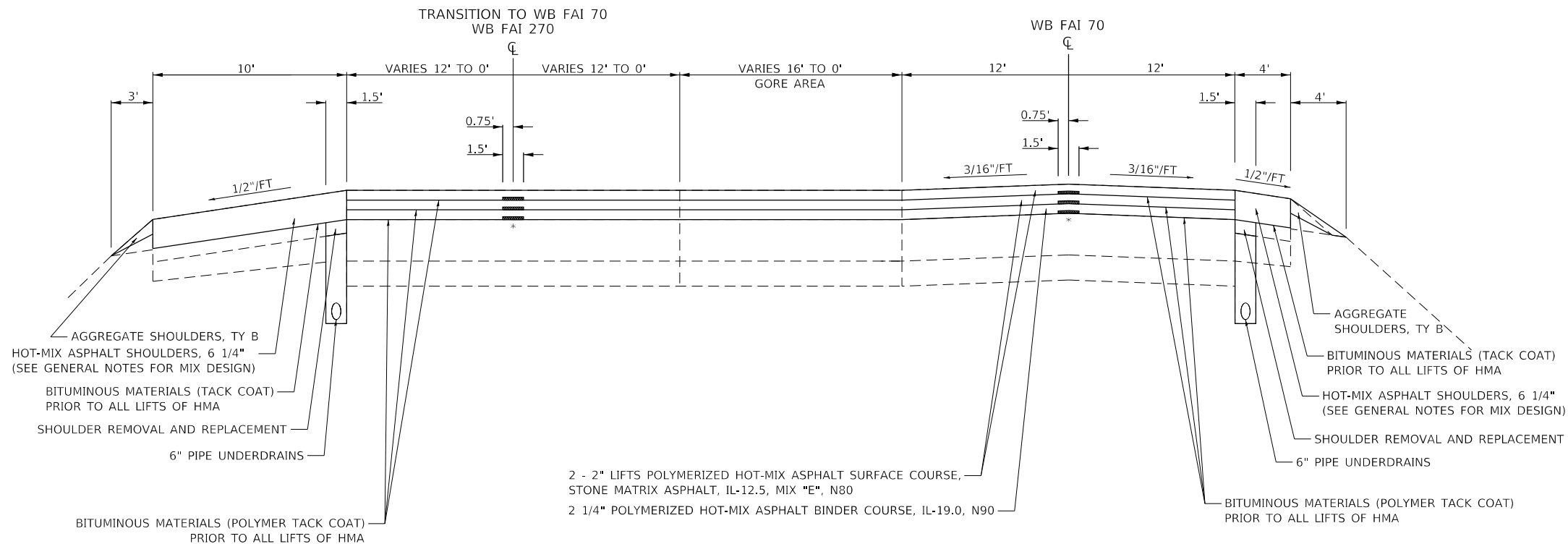
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<div><div>HMG</div><div>Engineers + Surveyors</div></div> <div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div>	USER NAME = mobrien	DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWC	REVISED -						70	60-(10-11)RS-1	MADISON	209	15
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	PLOT DATE = 6/17/2020	DATE -	REVISED -						ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				
					SCALE: N.T.S.	SHEET 2	OF 17 SHEETS	STA.	TO STA.				



EXISTING TYPICAL SECTION

WB FAI 70 STATION 946+93 TO STATION 963+22



PROPOSED TYPICAL SECTION

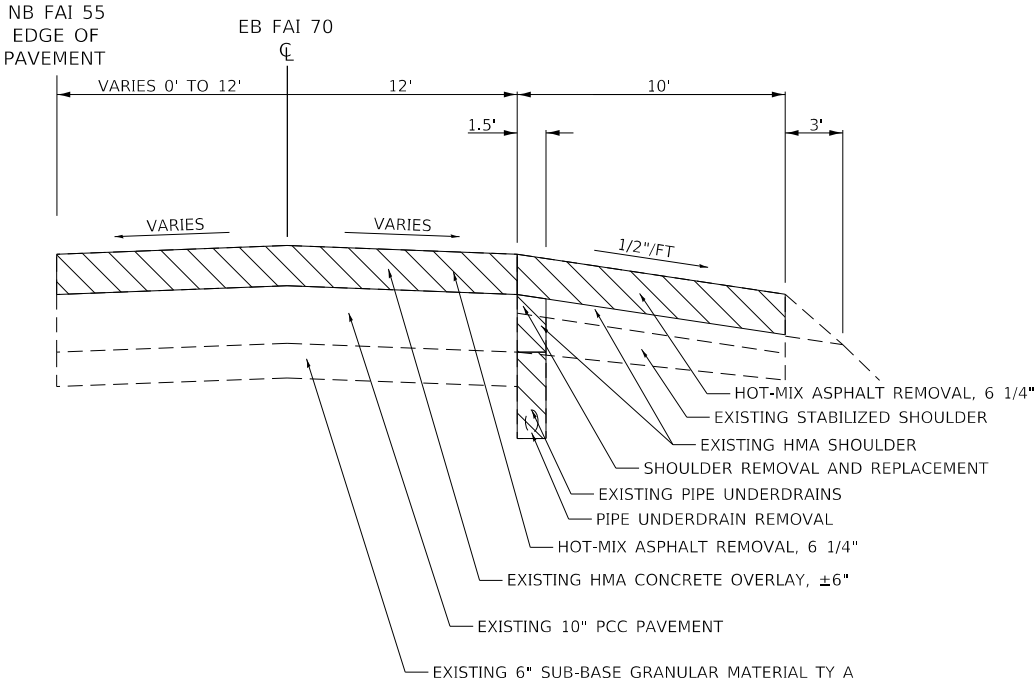
WB FAI 70 STATION 946+93 TO STATION 963+22

- NOTES:
- * LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

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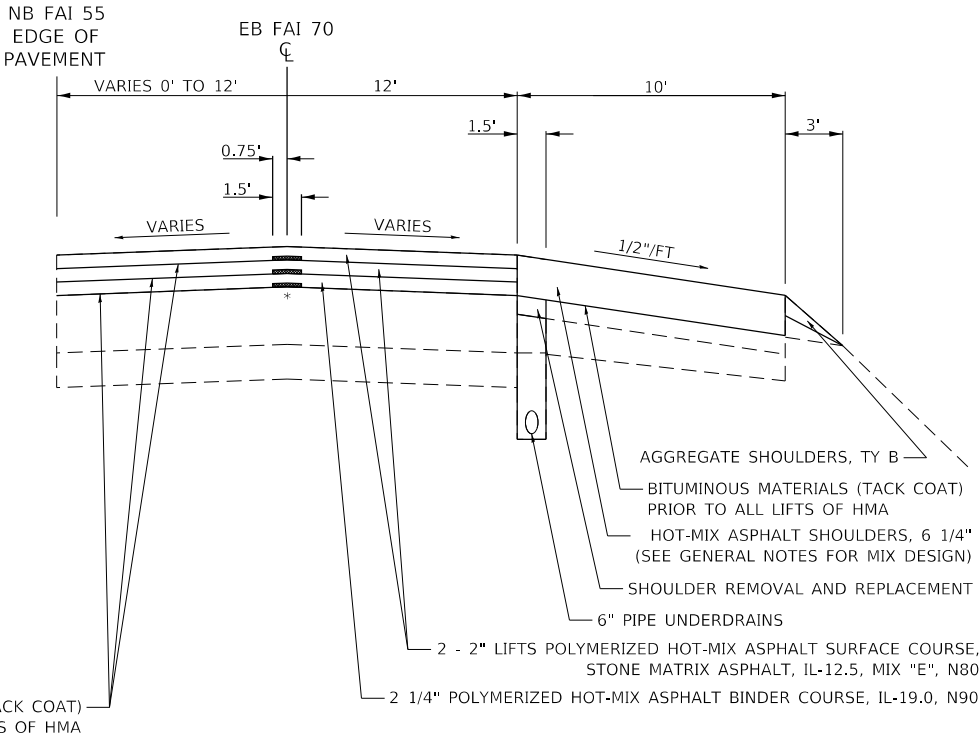
HMG HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien	DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWC	REVISED -					70	60-(10-11)RS-1	MADISON	209	16
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		PLOT DATE = 6/17/2020	DATE -	REVISED -	SCALE: N.T.S. SHEET 3 OF 17 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

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EXISTING TYPICAL SECTION

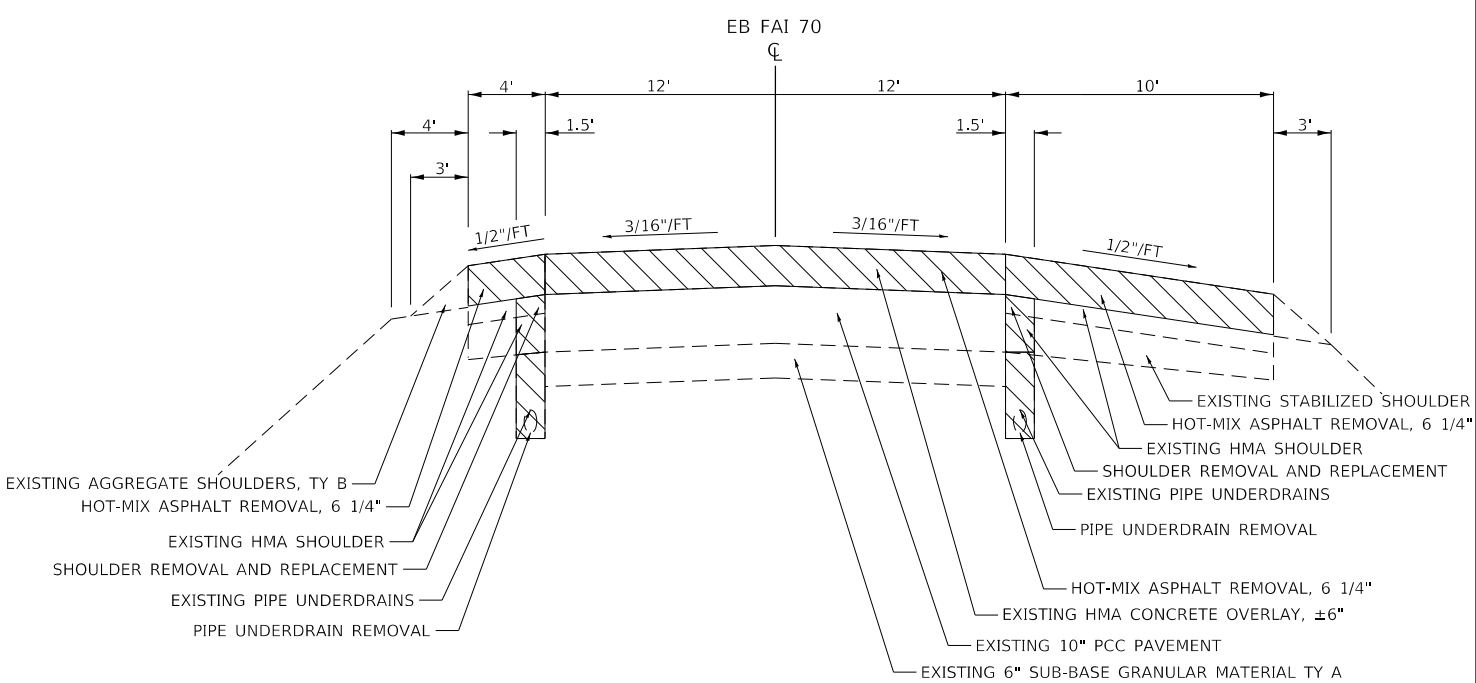
EB FAI 70 STATION 891+12 TO STATION 898+10



PROPOSED TYPICAL SECTION

EB FAI 70 STATION 891+12 TO STATION 898+10

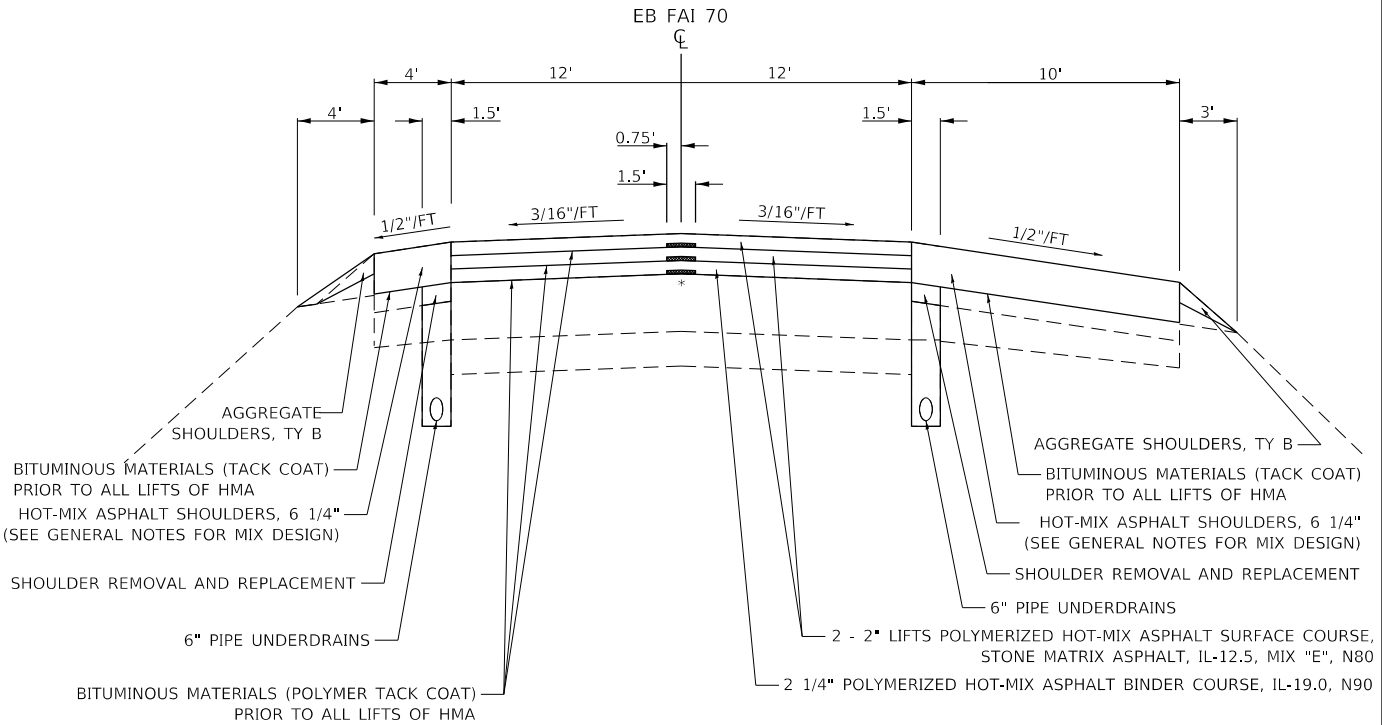
NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.



EXISTING TYPICAL SECTION

EB FAI 70 STATION 898+10 TO STATION 947+00

NOTES:
EB FAI 70 STATION 904+00 TO STATION 938+00 HAS EXISTING HIGH FRICTION SURFACE TREATMENT PREVIOUSLY CONSTRUCTED.



PROPOSED TYPICAL SECTION

EB FAI 70 STATION 898+10 TO STATION 947+00

NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

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Engineers • Surveyors

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = mobrien
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - BWC
DRAWN - BWC
CHECKED -
DATE -

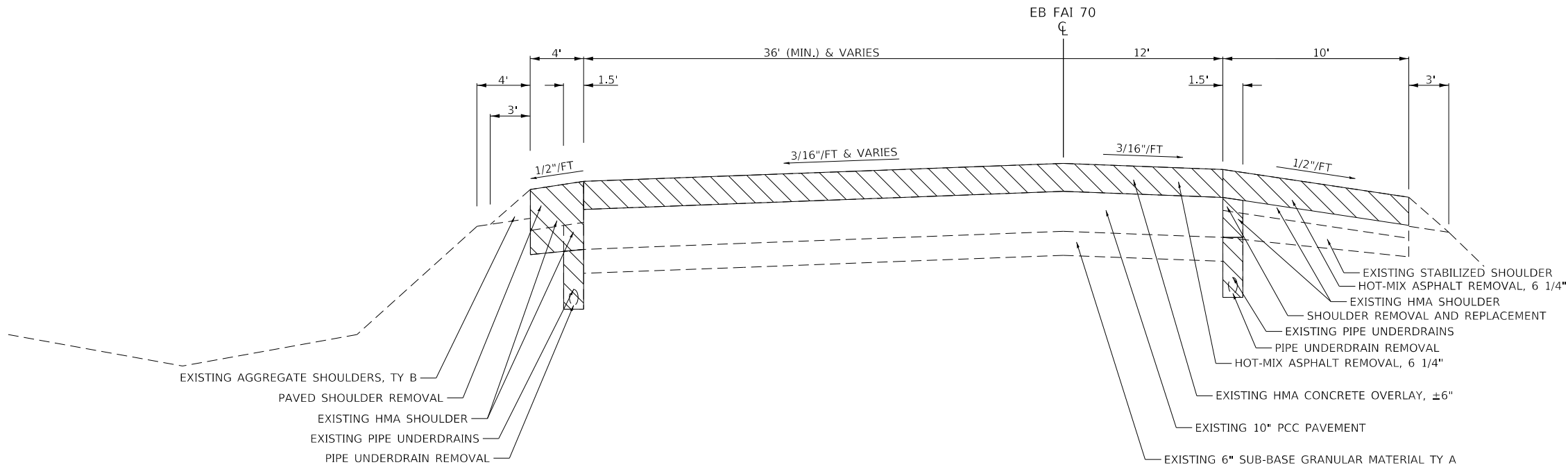
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

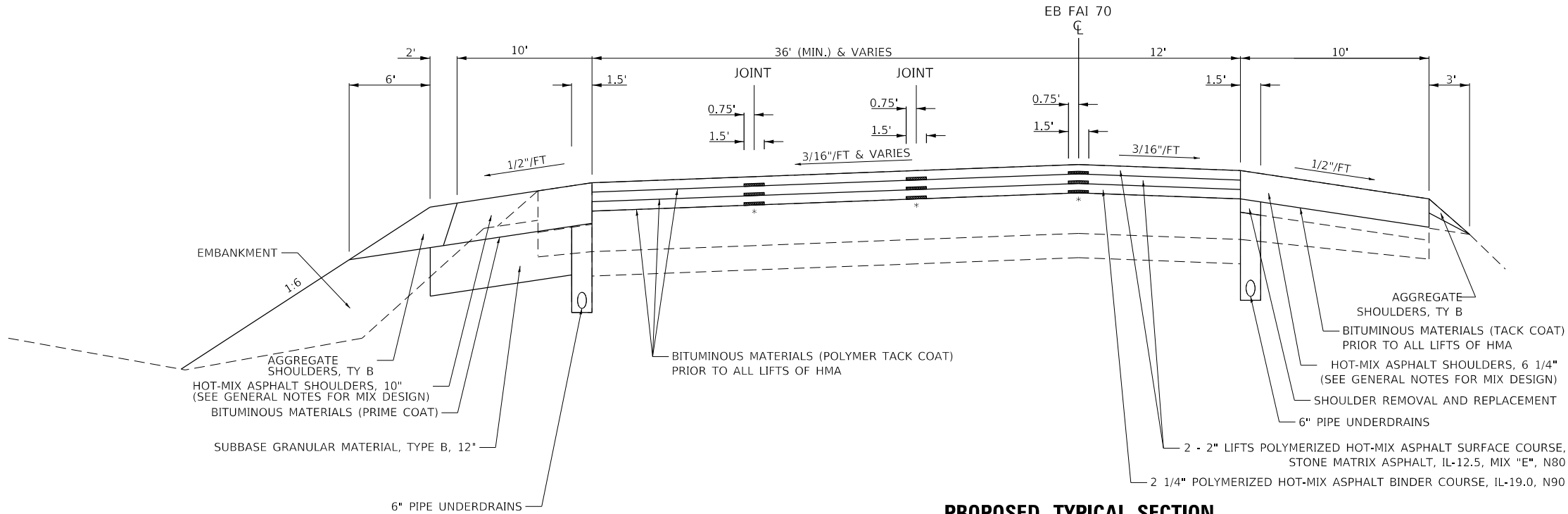
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	17
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



EXISTING TYPICAL SECTION

EB FAI 70 STATION 947+00 TO STATION 949+26



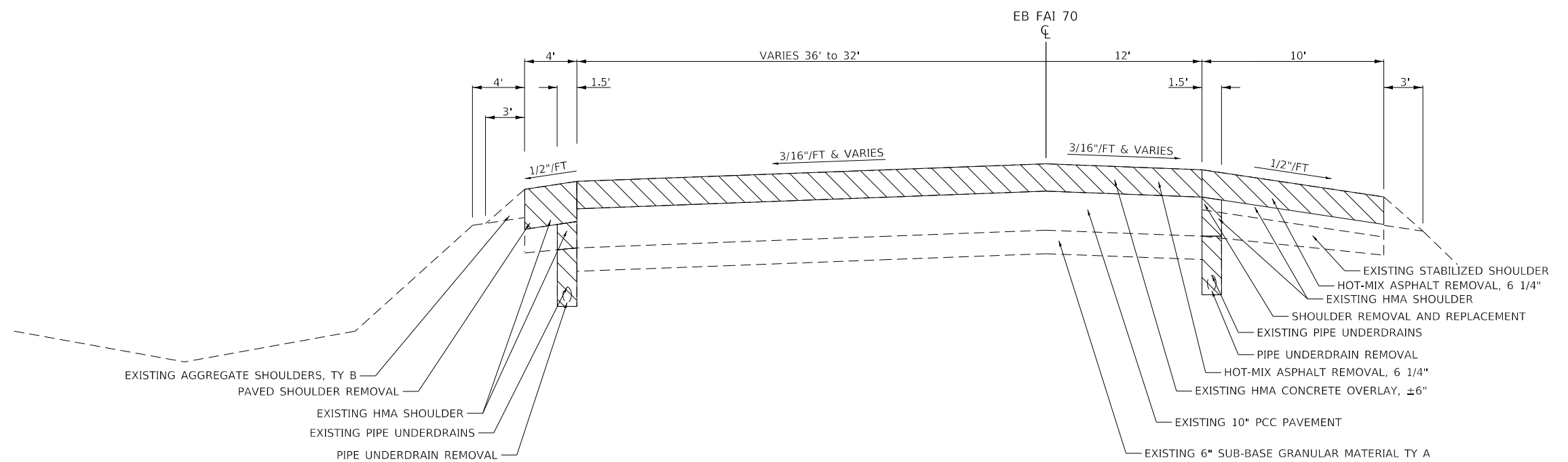
PROPOSED TYPICAL SECTION

EB FAI 70 STATION 947+00 TO STATION 949+26

- NOTES:
- * LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

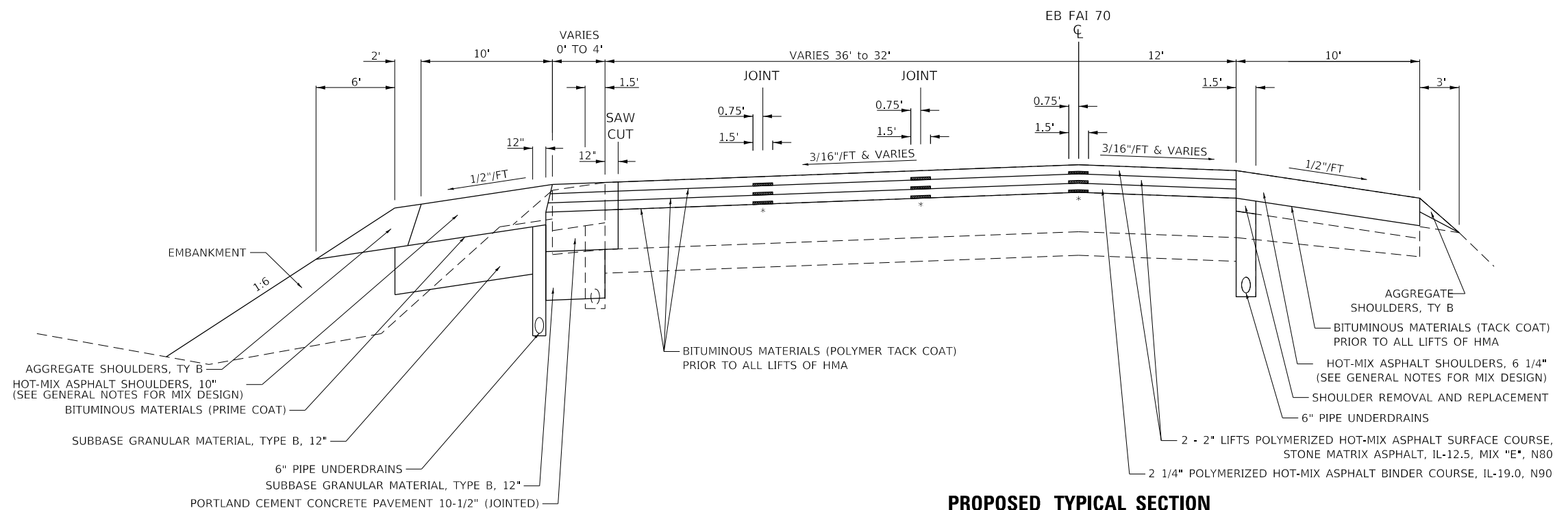
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<div><div>HMG</div><div>Engineers + Surveyors</div></div> <div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611</div> <div>IL PROF. DESIGN FIRM NO. 184.000899</div>	USER NAME = mobrien	DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWC	REVISED -						70	60-(10-11)RS-1	MADISON	209	18
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020	DATE -	REVISED -						ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				
SCALE: N.T.S.					SHEET 5	OF 17 SHEETS	STA.	TO STA.					



EXISTING TYPICAL SECTION

EB FAI 70 STATION 949+26 TO STATION 951+49.09

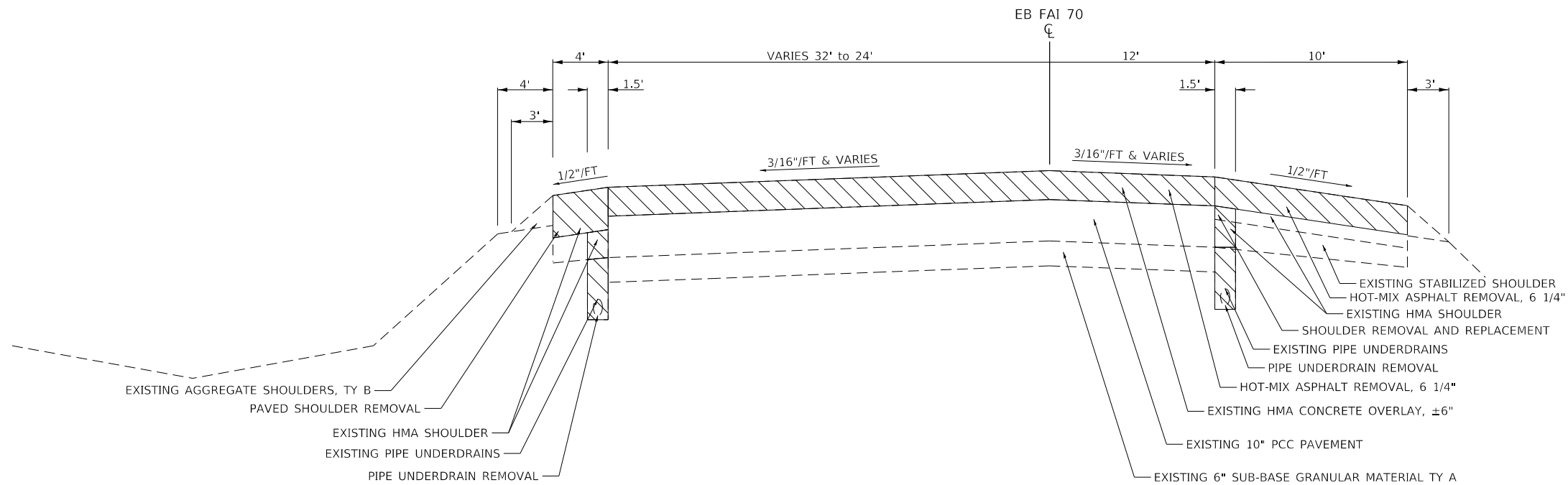


PROPOSED TYPICAL SECTION

EB FAI 70 STATION 949+26 TO STATION 951+49.09

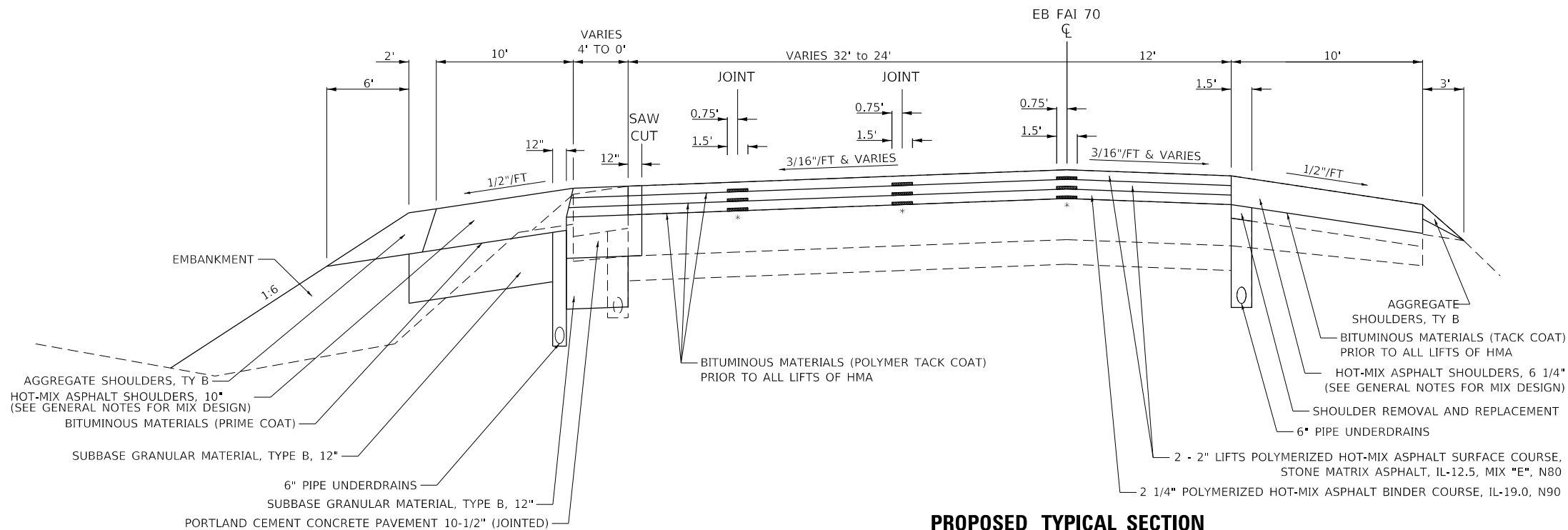
NOTES:

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.



EXISTING TYPICAL SECTION

EB FAI 70 STATION 951+49.09 TO STATION 956+99.09



PROPOSED TYPICAL SECTION

EB FAI 70 STATION 951+49.09 TO STATION 956+99.09

NOTES:

* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

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Engineers • Surveyors

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME	= mobrien
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 6/17/2020

DESIGNED -	BWC
DRAWN -	BWC
CHECKED -	
DATE -	

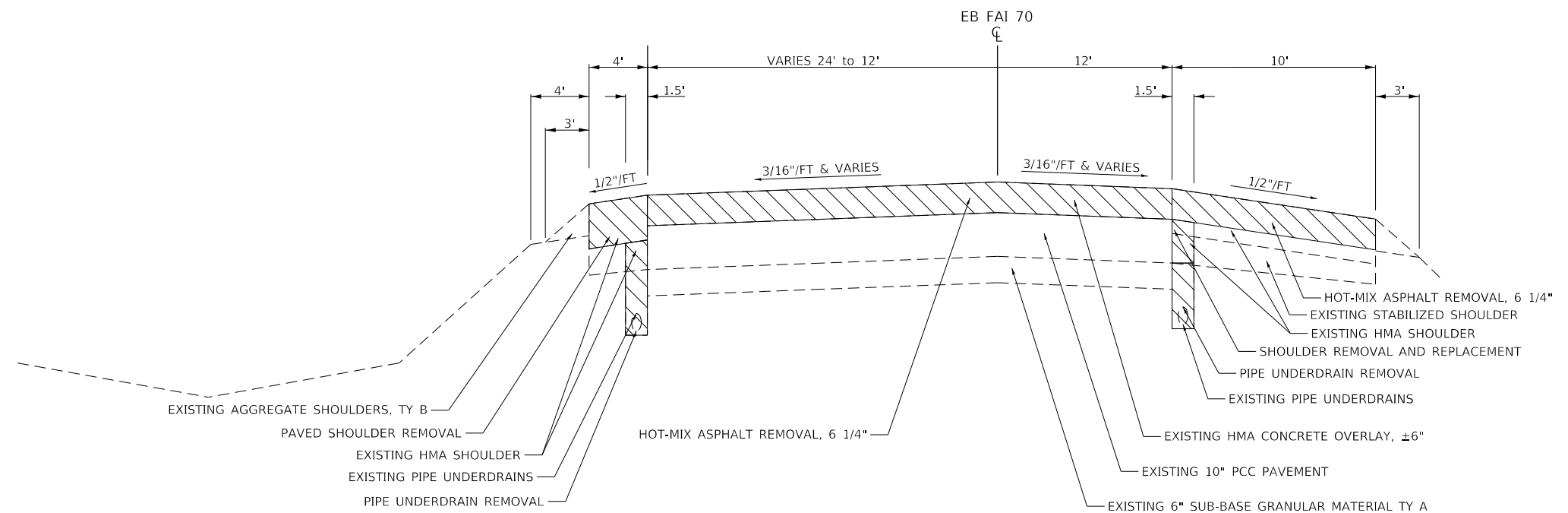
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

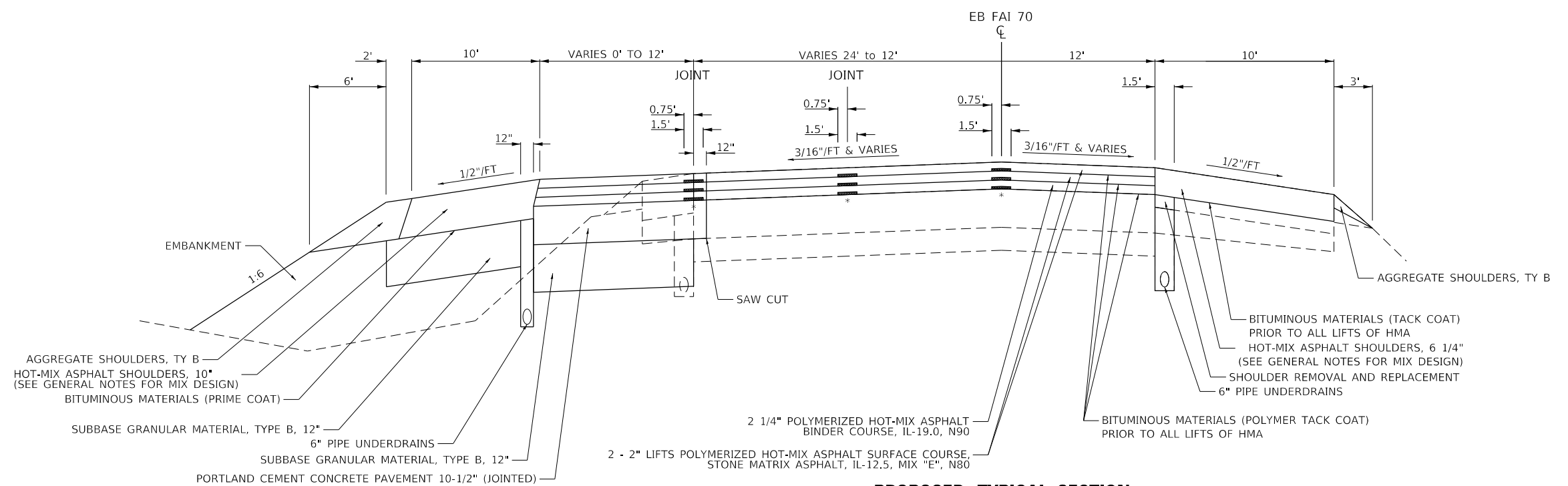
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	20
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



EXISTING TYPICAL SECTION

EB FAI 70 STATION 956+99.09 TO STATION 964+99.40

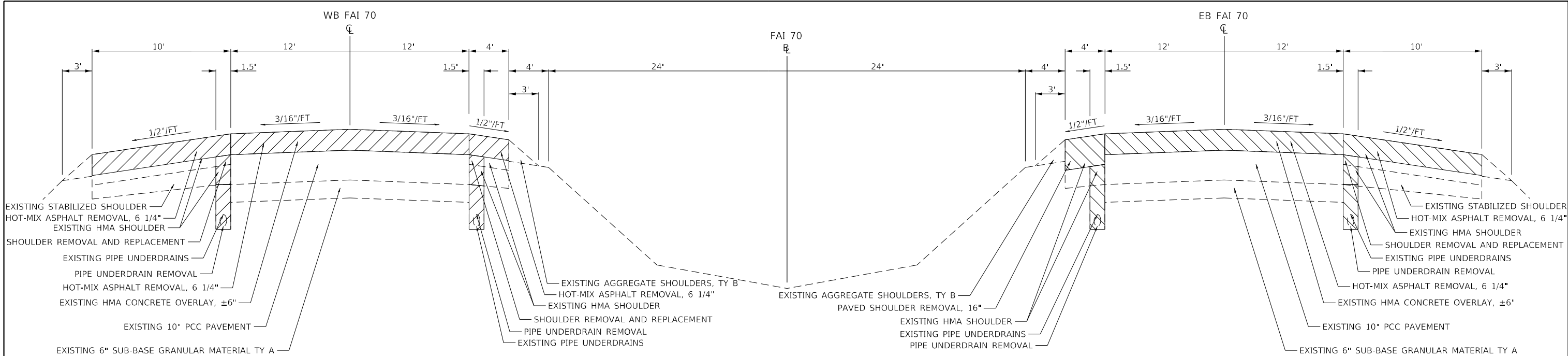


PROPOSED TYPICAL SECTION

EB FAI 70 STATION 956+99.09 TO STATION 964+99.40

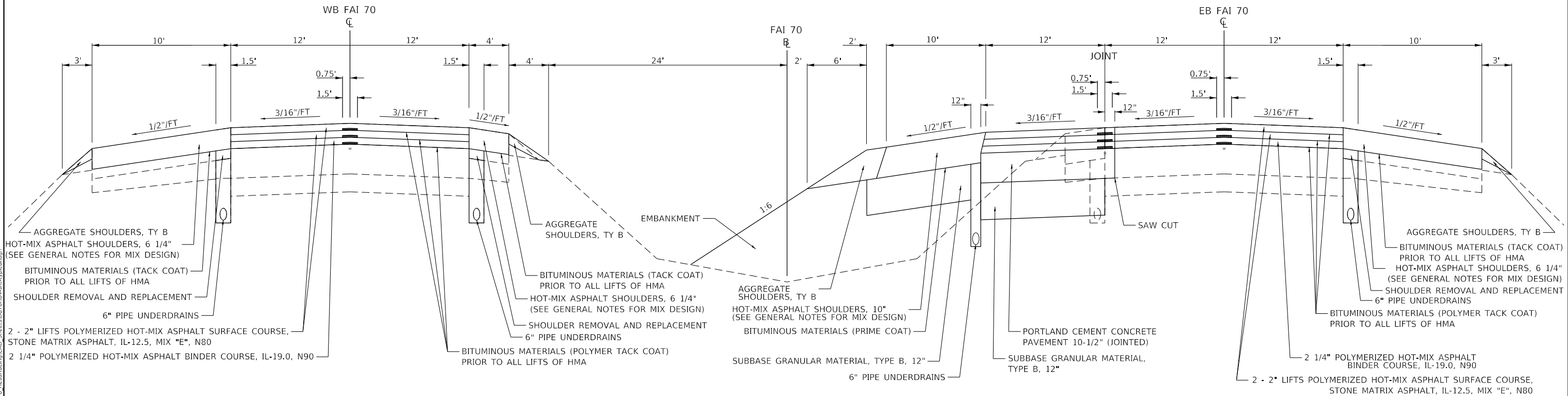
NOTES:

* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.



EXISTING TYPICAL SECTION

FAI 70 STATION 965+00 TO STATION 976+99.09



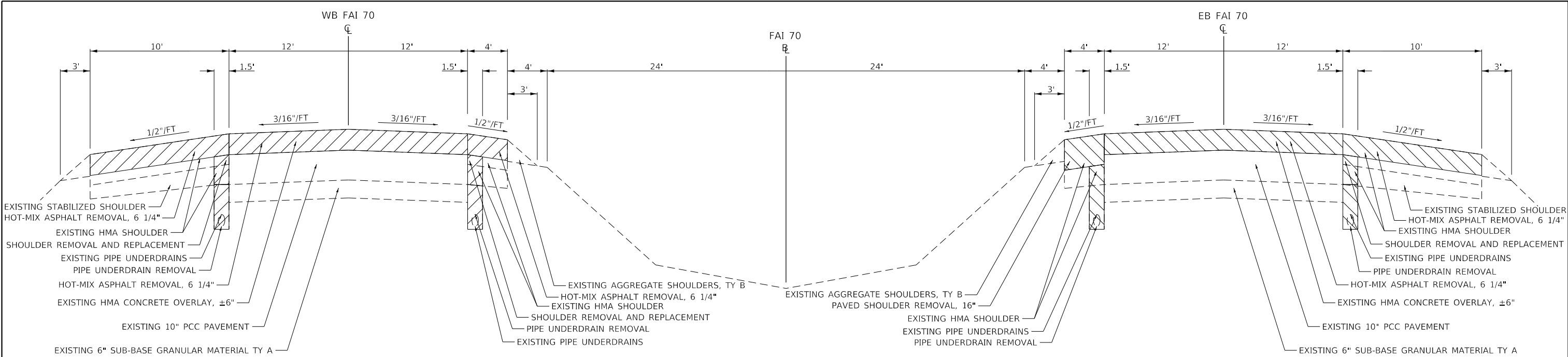
PROPOSED TYPICAL SECTION

FAI 70 STATION 965+00 TO STATION 976+99.09

NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

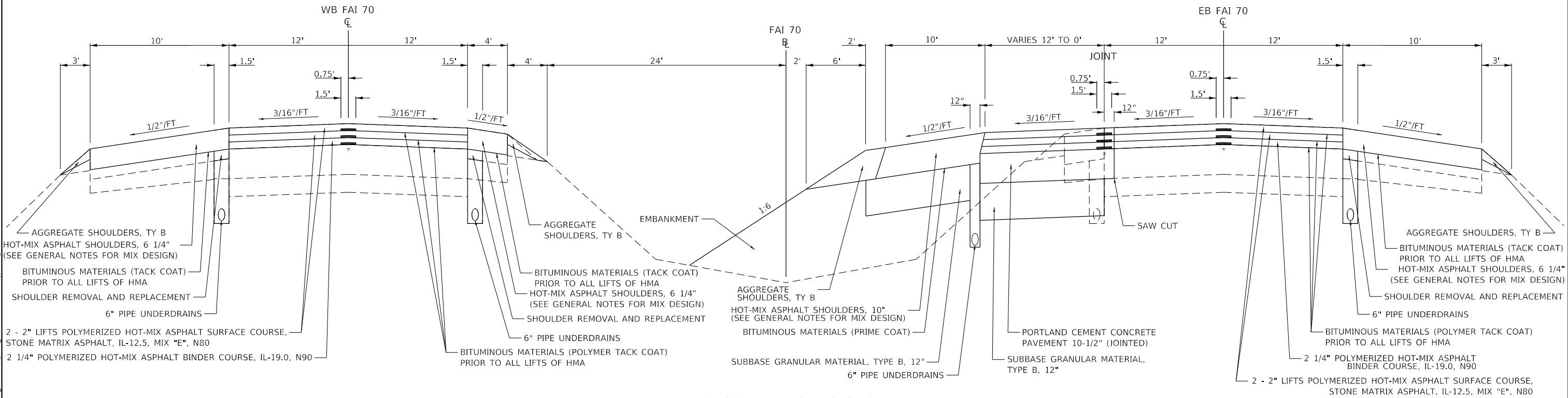
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BWC		REVIS	REVISED -					70	60-(10-11)RS-1	MADISON	209	22
	PLOT SCALE = 100.0000 ' / in.		CHECKED -	REVISED -		SCALE: N.T.S.			CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020		DATE -	REVISED -		SHEET 9 OF 17 SHEETS			ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



EXISTING TYPICAL SECTION

FAI 70 STATION 976+99.09 TO STATION 985+39.09



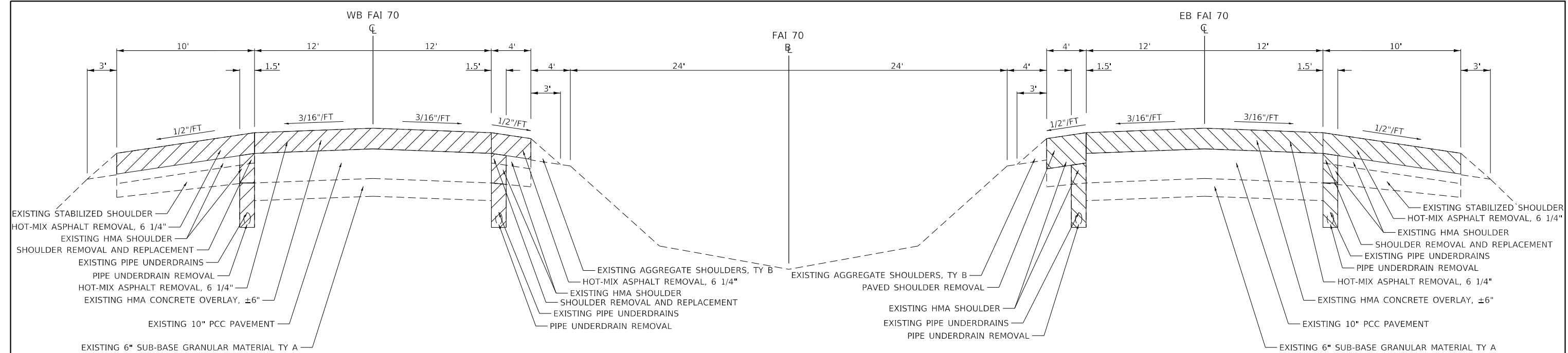
PROPOSED TYPICAL SECTION

FAI 70 STATION 976+99.09 TO STATION 985+39.09

NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

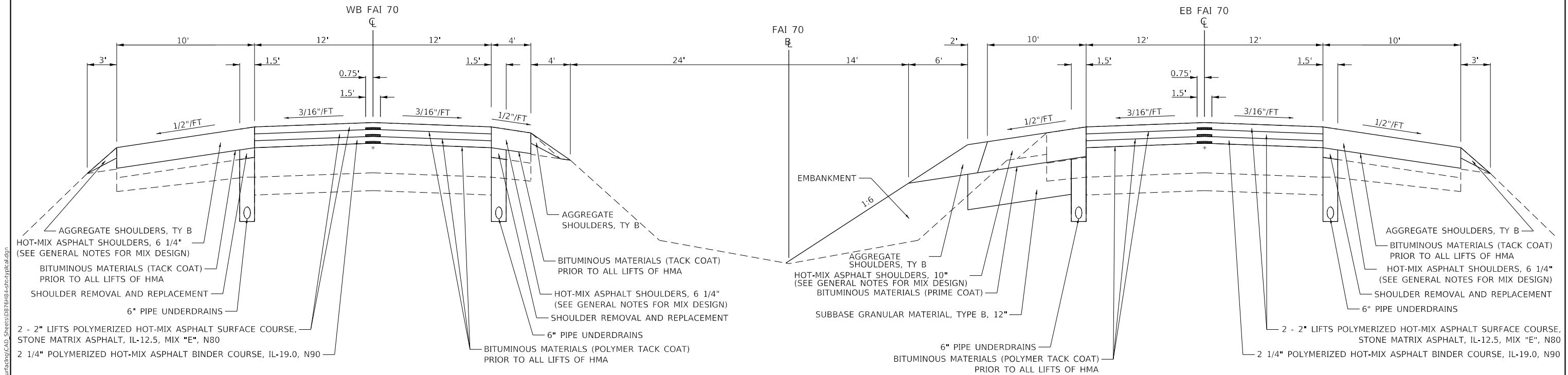
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BWC		REVIS	REVISED -					70	60-(10-11)RS-1	MADISON	209	23
	PLOT SCALE = 100.0000 ' / in.		CHECKED -	REVISED -		SCALE: N.T.S.			CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020		DATE -	REVISED -		SHEET 10 OF 17 SHEETS			ILLINOIS FED. AID PROJECT NHPP-QYT9(213)				



EXISTING TYPICAL SECTION

FAI 70 STATION 985+39.09 TO STATION 988+89.09



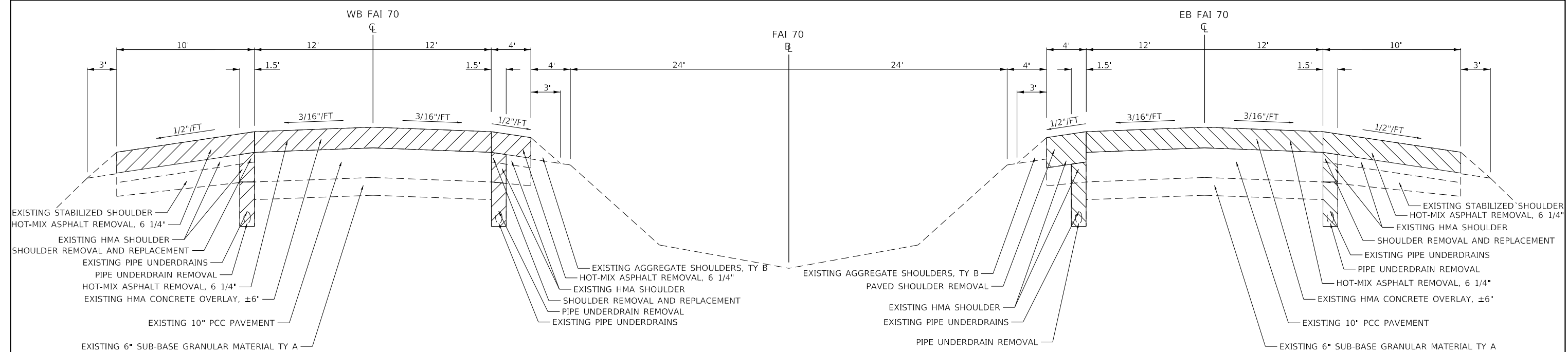
PROPOSED TYPICAL SECTION

FAI 70 STATION 985+39.09 TO STATION 988+89.09

NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

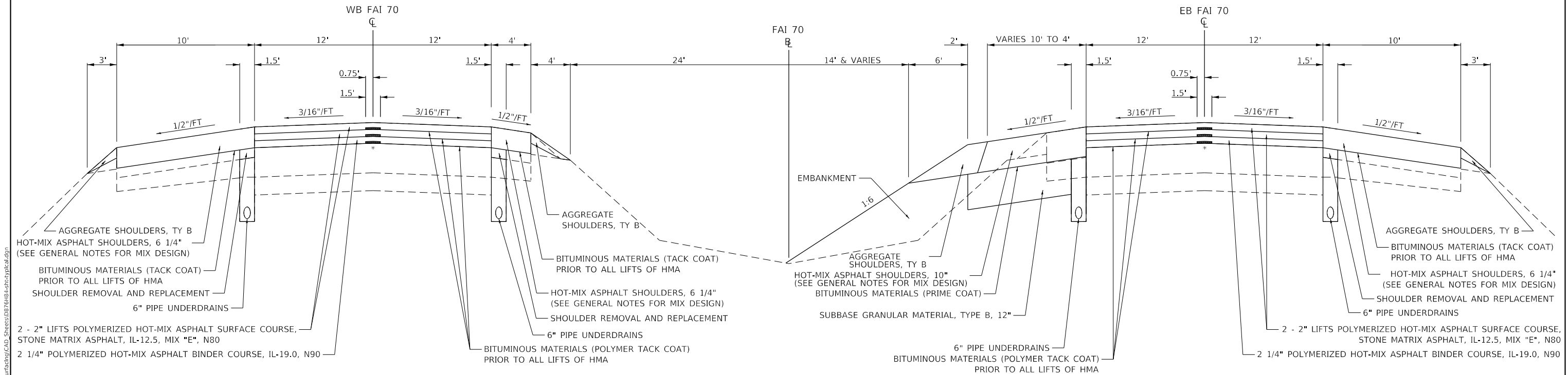
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BWC		CHECKED -	REVISED -					70	60-(10-11)RS-1	MADISON	209	24
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	PLOT DATE = 6/17/2020					SHEET 11 OF 17 SHEETS			ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



EXISTING TYPICAL SECTION

FAI 70 STATION 988+89.09 TO STATION 989+89.09



PROPOSED TYPICAL SECTION

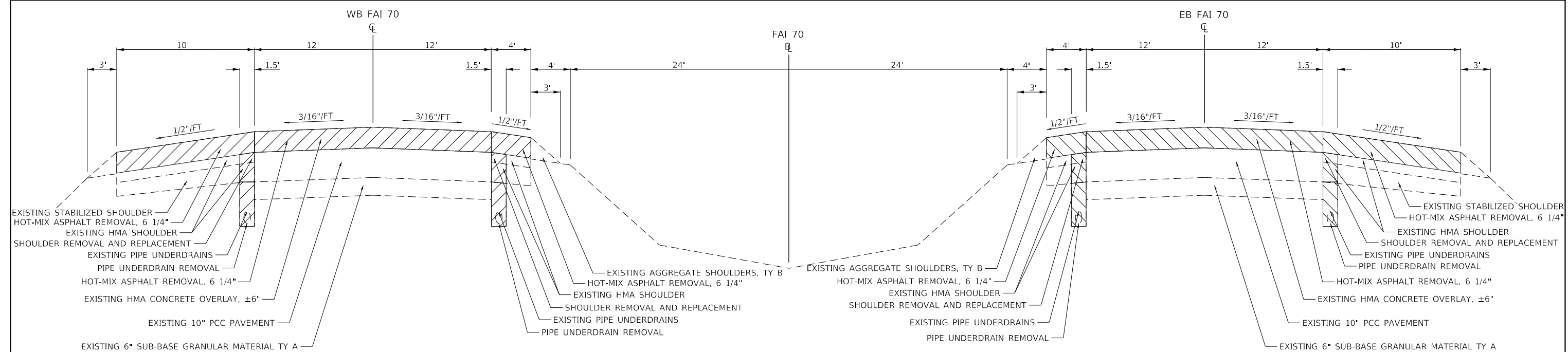
FAI 70 STATION 988+89.09 TO STATION 989+89.09

NOTES:

* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

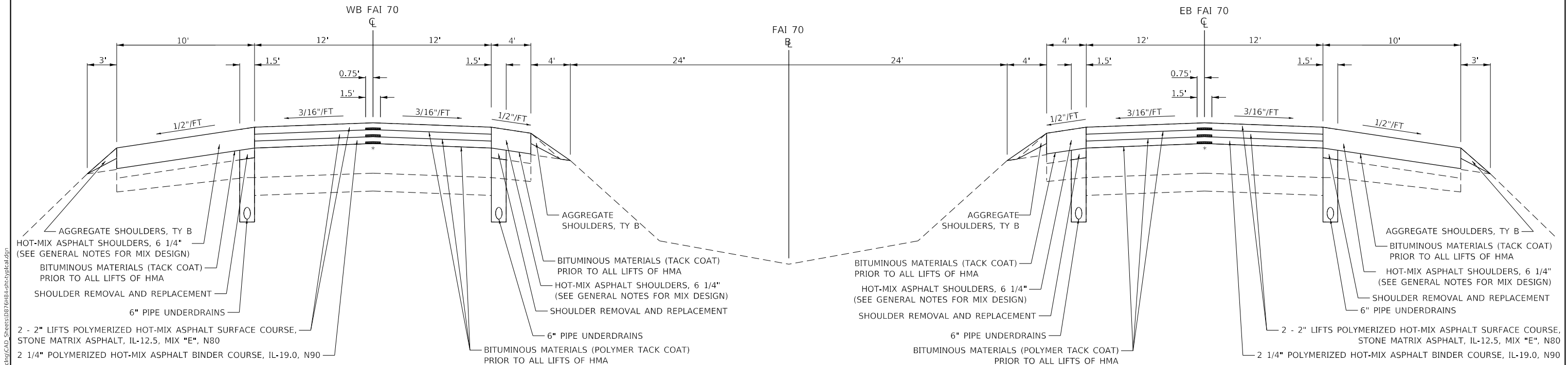
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BWC		REVIS	REVIS					70	60-(10-11)RS-1	MADISON	209	25
	PLOT SCALE = 100.0000 ' / in.		CHECKED -	REVIS		SCALE: N.T.S.			CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020		DATE -	REVIS		SHEET 12 OF 17 SHEETS			ILLINOIS FED. AID PROJECT NHPP-QYT9(213)				



EXISTING TYPICAL SECTION

FAI 70 STATION 989+89.09 TO STATION 1028+45
OMIT STRUCTURE WB FAI 70 STATION 995+85 TO STATION 997+47
OMIT STRUCTURE EB FAI 70 STATION 996+00 TO STATION 997+49



PROPOSED TYPICAL SECTION

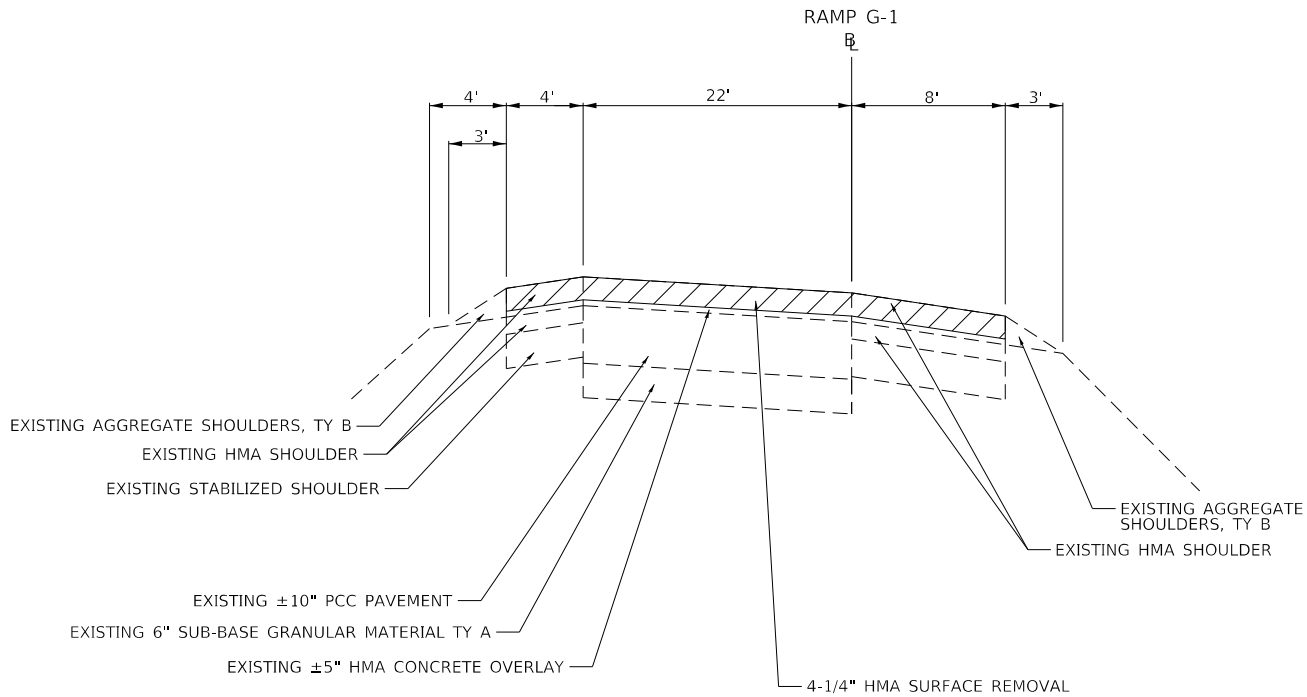
FAI 70 STATION 989+89.09 TO STATION 1028+45
OMIT STRUCTURE WB FAI 70 STATION 995+85 TO STATION 997+47
OMIT STRUCTURE EB FAI 70 STATION 996+00 TO STATION 997+49
NOTES:

WB FAI 70 SHOULDER WIDENING WILL EXTEND TO STATION 1030+59 AS SHOWN ON THE EMERGENCY MEDIAN CROSS OVER DETAIL.
ALL SHOULDER WIDENING FOR EMERGENCY MEDIAN CROSS OVER IS SHOWN ON THE EMERGENCY MEDIAN CROSS OVER DETAIL.
LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

*

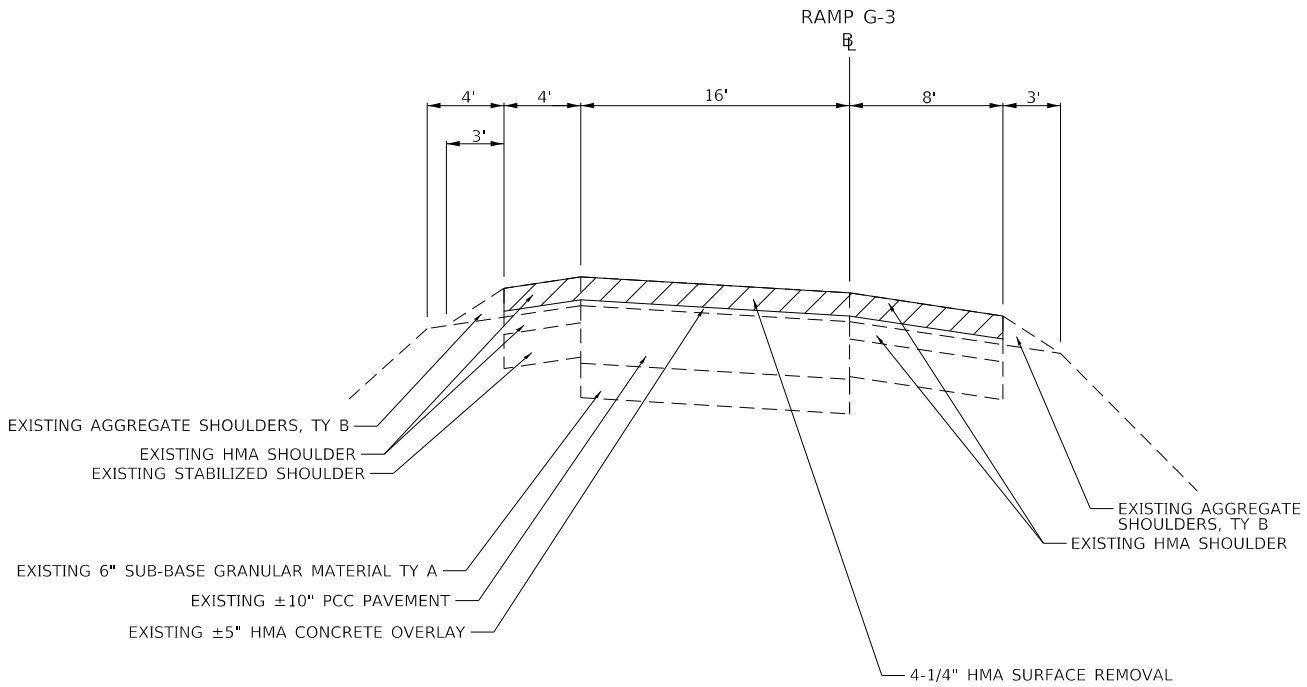
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BWC		REVIS	REVISED -					70	60-(10-11)RS-1	MADISON	209	26
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	PLOT DATE = 6/17/2020		DATE -	REVISED -		SHEET 13 OF 17 SHEETS			ILLINOIS FED. AID PROJECT NHPP-QYT9(213)				



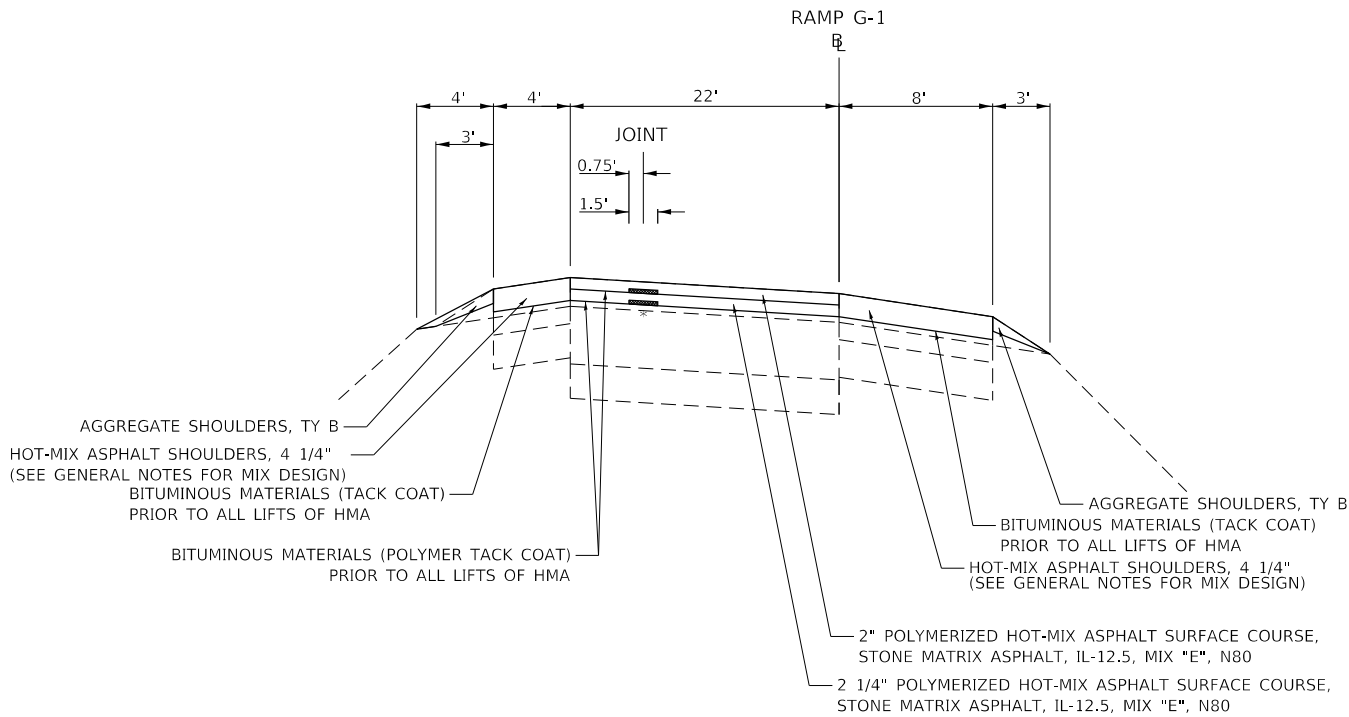
EXISTING TYPICAL SECTION

RAMP G1 STATION 3+44 TO STATION 21+44



EXISTING TYPICAL SECTION

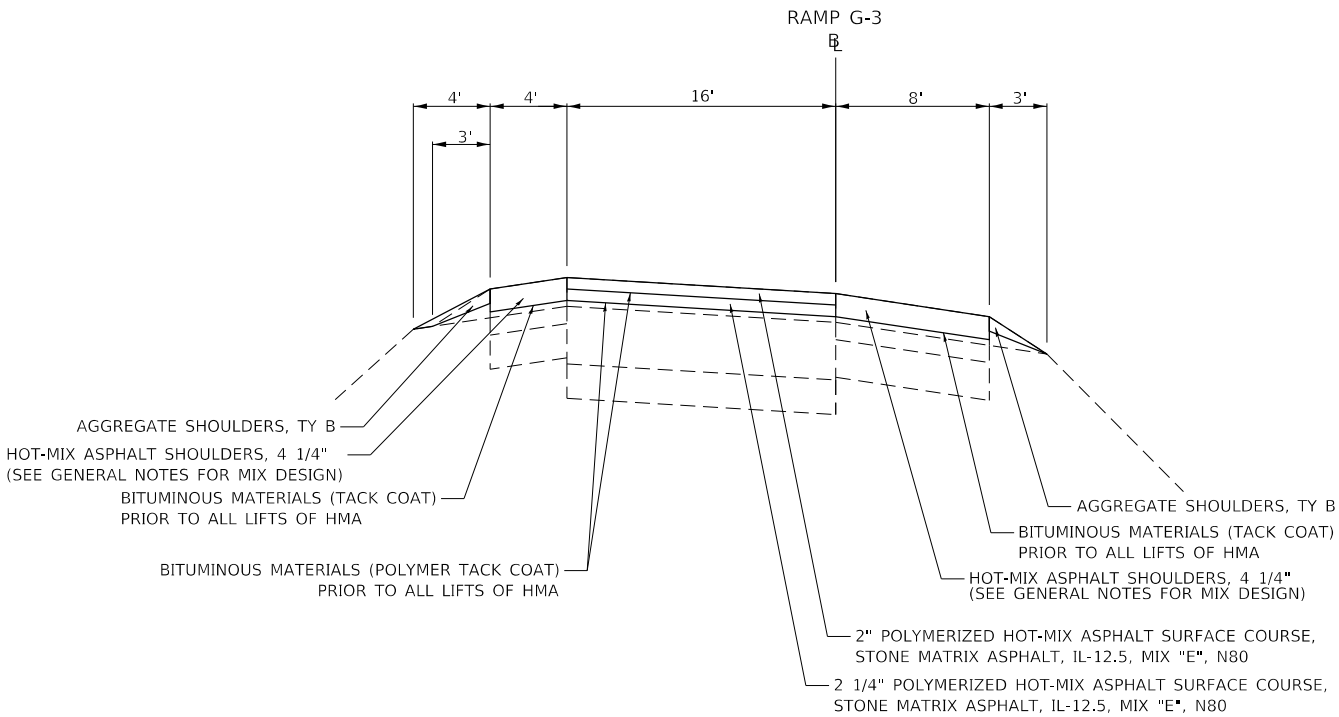
RAMP G3 STATION 7+41 TO STATION 22+58



PROPOSED TYPICAL SECTION

RAMP G1 STATION 3+44 TO STATION 21+44

NOTES:
* LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER EACH LAYER OF HOT-MIX ASPHALT.

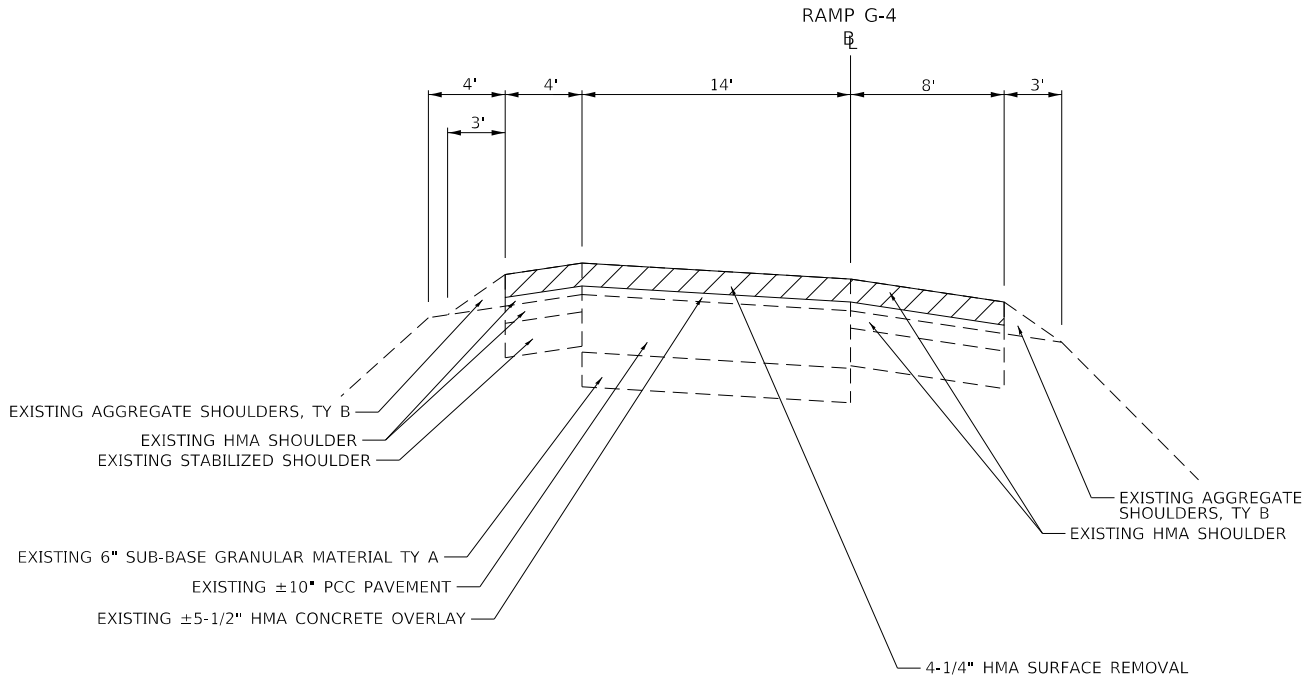


PROPOSED TYPICAL SECTION

RAMP G3 STATION 7+41 TO STATION 22+58
NOTES:
* LANE WIDTH TRANSITIONS FROM 14' AT STATION 34+20 TO 0' AT STA 40+82.

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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	<div>USER NAME = mobrien</div> <div>PLOT SCALE = 100.0000 ' / in.</div> <div>PLOT DATE = 6/17/2020</div>	DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWC	REVISED -					70	60-(10-11)RS-1	MADISON	209	27
		CHECKED -	REVISED -					CONTRACT NO. 76H84				
		DATE -	REVISED -		SCALE: N.T.S.	SHEET 14	OF 17 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

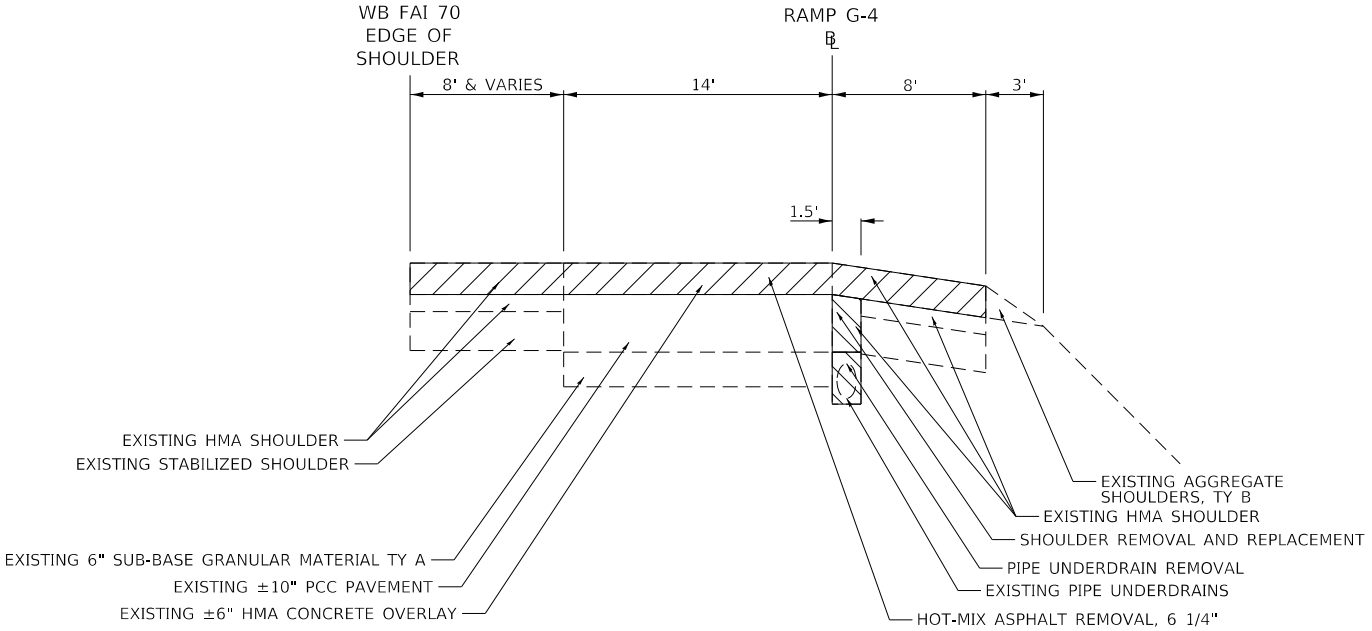


EXISTING TYPICAL SECTION

RAMP G4 STATION 0+00 TO STATION 29+45

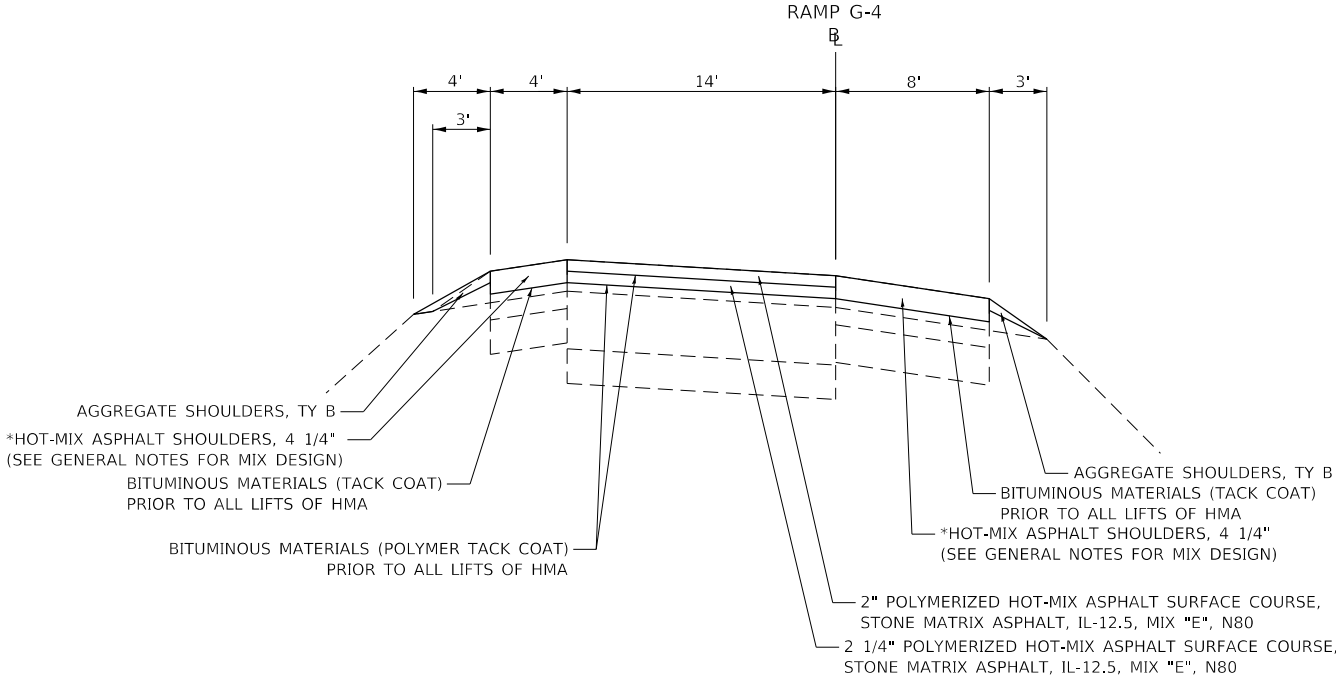
NOTES:

- * LANE WIDTH TRANSITIONS FROM 0' AT STATION 0+00 TO 14' AT STA 2+62.



EXISTING TYPICAL SECTION

RAMP G4 STATION 29+45 TO STATION 40+82

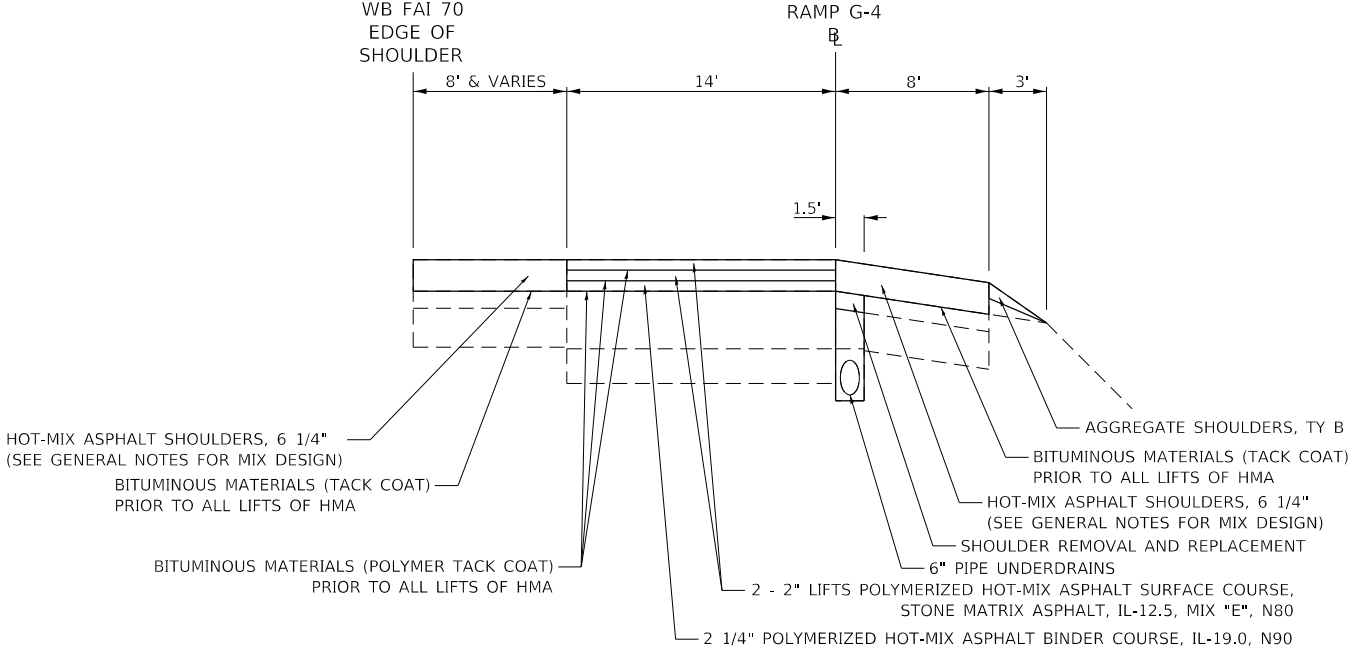


PROPOSED TYPICAL SECTION

RAMP G4 STATION 0+00 TO STATION 29+45

NOTES:

- *RAMP G4 PAVEMENT & SHOULDER DEPTH TRANSITIONS FROM 4¼" TO 6¼" FROM STA 29+05 TO STATION 29+45. PAVEMENT WITHIN TRANSITON AREA SHALL BE PAID FOR BY HOT- MIXED ASPHALT SHOULDERS (TON). PAVED GORE AREA BEGINS AT STA 29+45 LT. SEE PAVMENT TRANSITION DETIALS.



PROPOSED TYPICAL SECTION

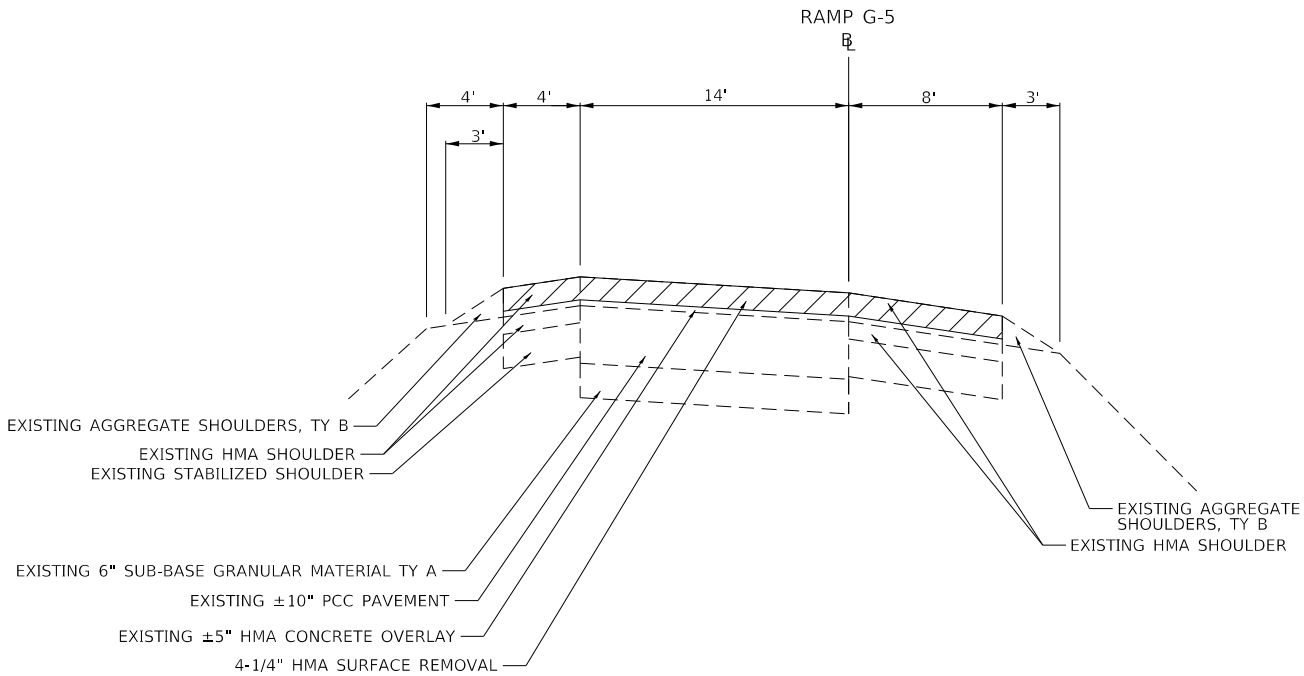
RAMP G4 STATION 29+45 TO STATION 40+82

NOTES:

- * LANE WIDTH TRANSITIONS FROM 14' AT STATION 34+20 TO 0' AT STA 40+82.

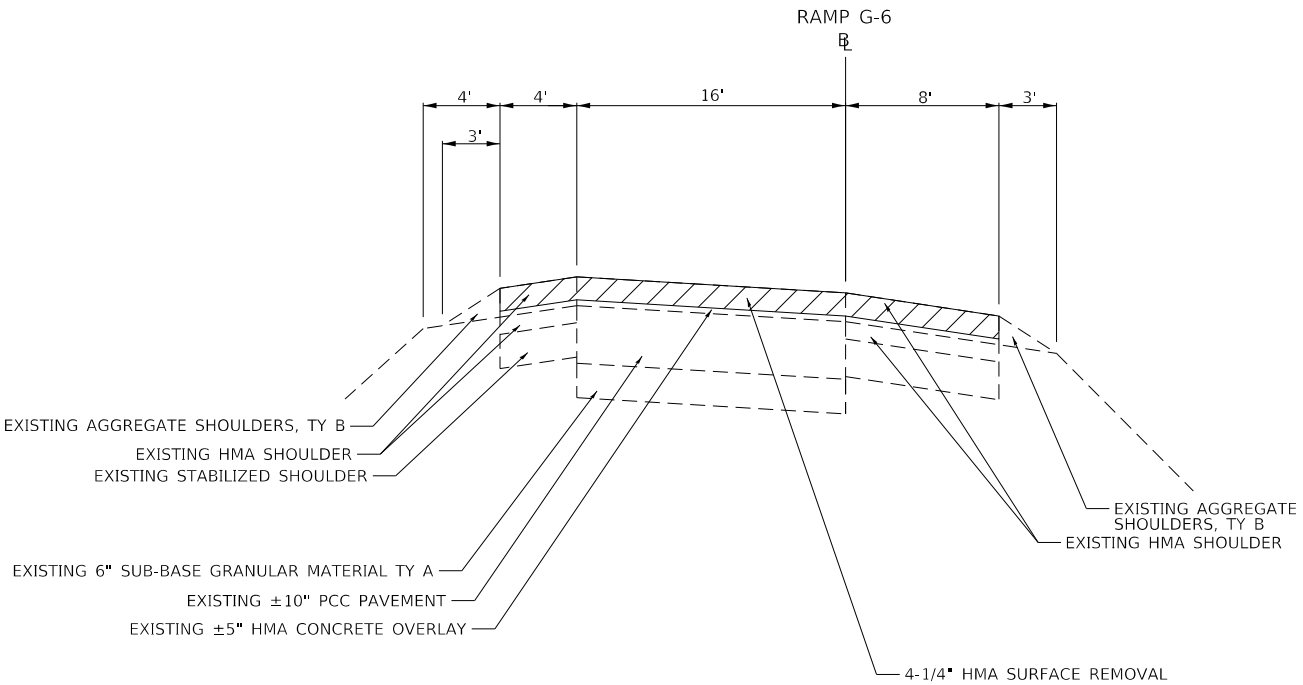
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611</div><div>IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien	DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWC	REVISED -					70	60-(10-11)RS-1	MADISON	209	28
		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 76H84				
		PLOT DATE = 6/17/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				
								SCALE: N.T.S.	SHEET 15	OF 17 SHEETS	STA.	TO STA.



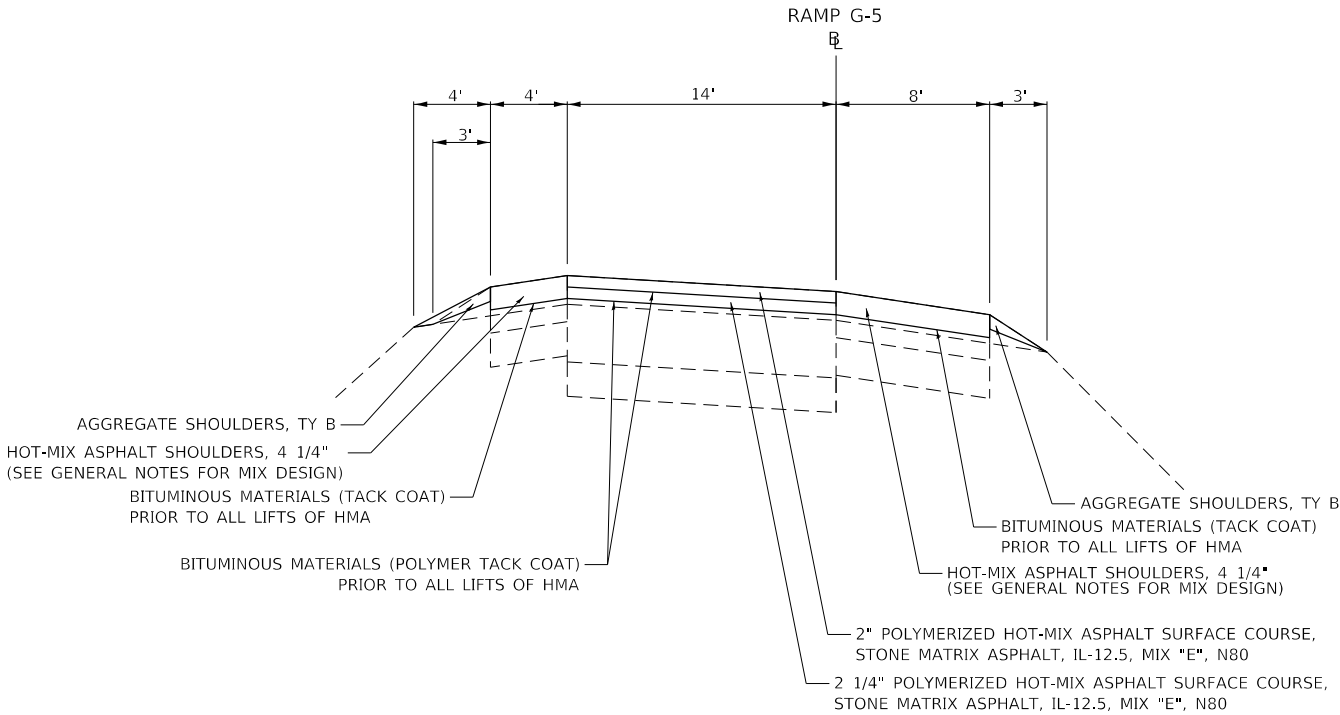
EXISTING TYPICAL SECTION

RAMP G5 STATION 0+00 TO STATION 23+01
NOTES:
* LANE WIDTH TRANSITIONS FROM 3' AT STATION 0+00 TO 14' AT STA 2+47.



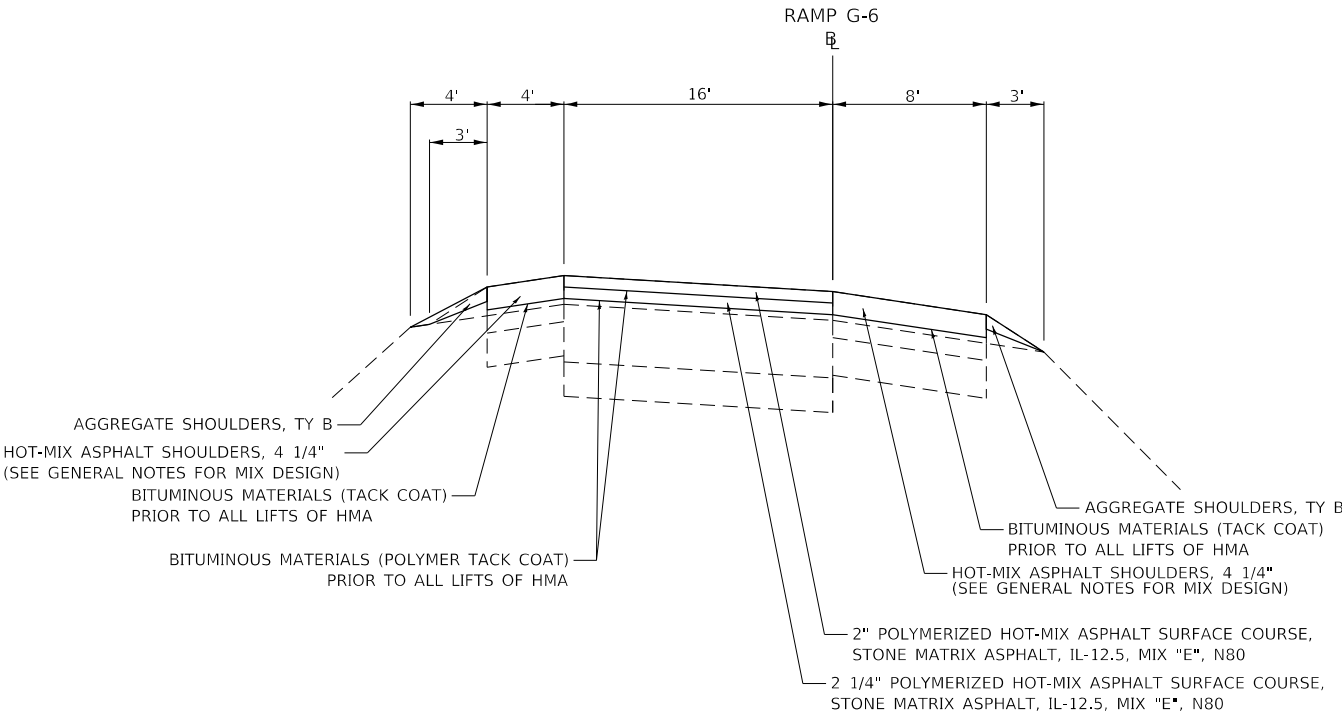
EXISTING TYPICAL SECTION

RAMP G6 STATION 2+33 TO STATION 13+54



PROPOSED TYPICAL SECTION

RAMP G5 STATION 0+00 TO STATION 23+01

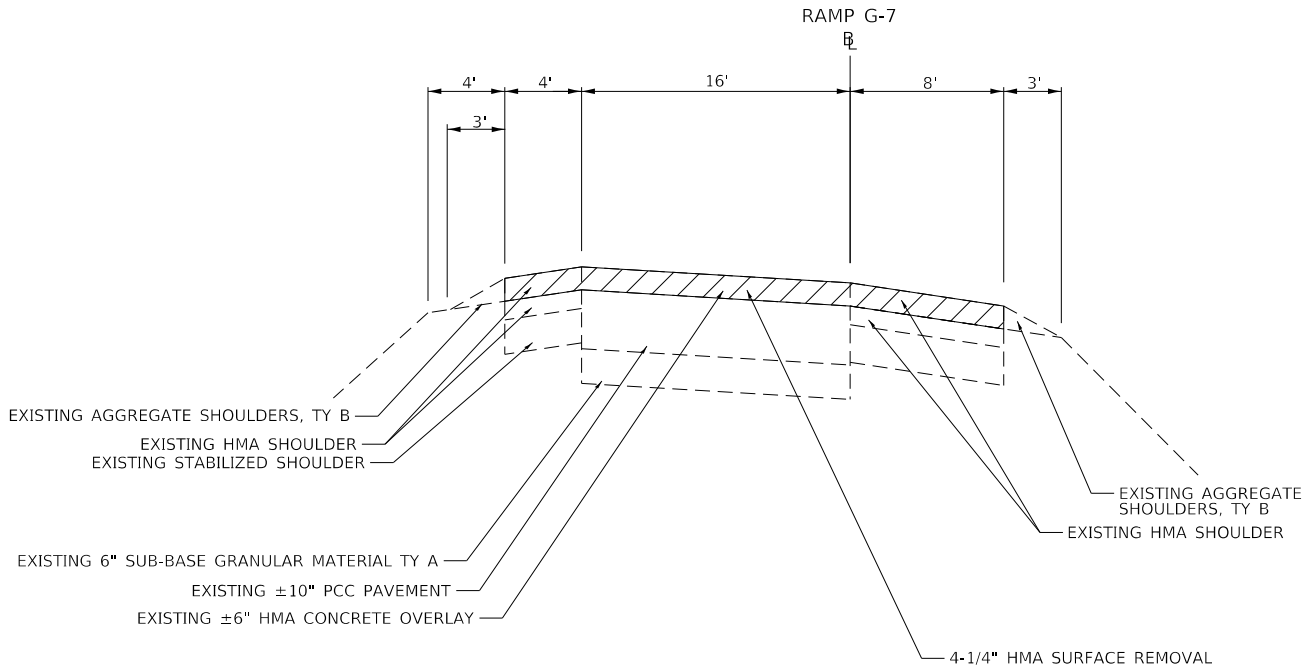


PROPOSED TYPICAL SECTION

RAMP G6 STATION 2+33 TO STATION 13+54

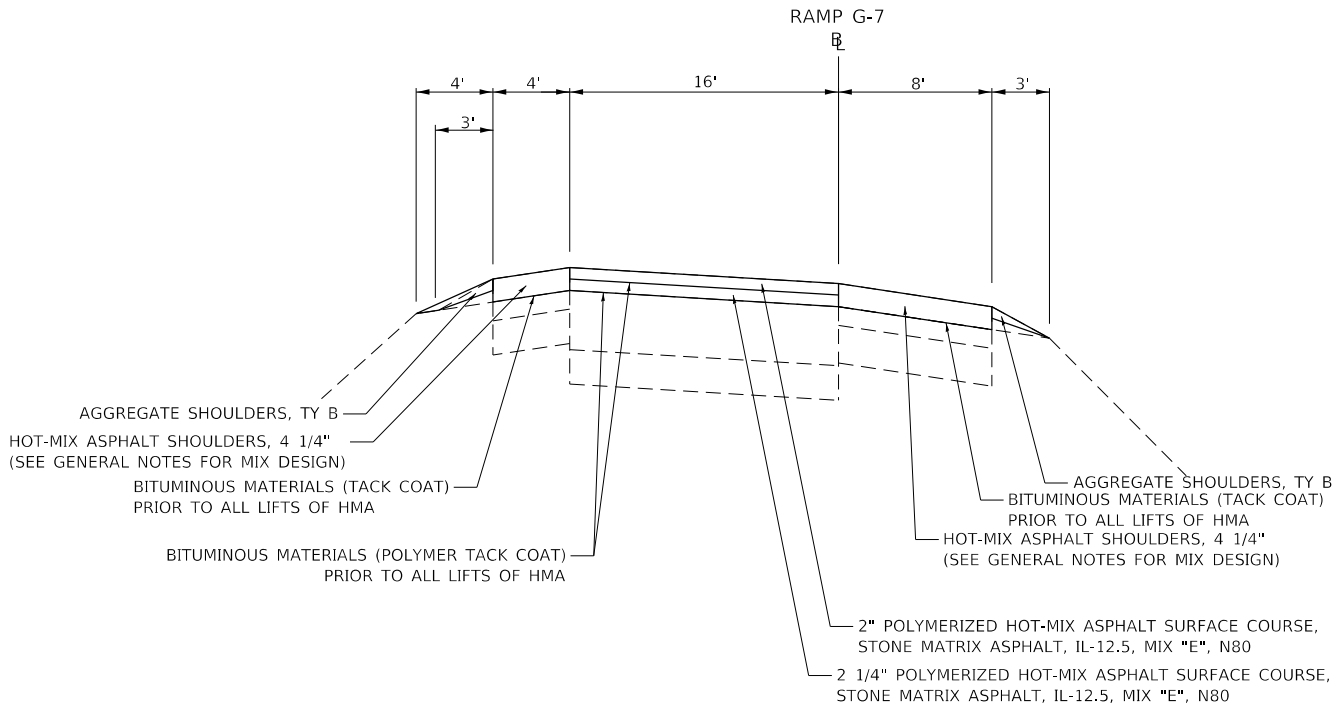
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien	DESIGNED - BWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWC	REVISED -					70	60-(10-11)RS-1	MADISON	209	29
		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 76H84				
		PLOT DATE = 6/17/2020	DATE -	REVISED -	SCALE: N.T.S.	SHEET 16	OF 17 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)



EXISTING & PROPOSED TYPICAL SECTION

RAMP G7 STATION -1+08 TO STATION 15+58



EXISTING & PROPOSED TYPICAL SECTION

RAMP G7 STATION -1+08 TO STATION 15+58

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HMG

Engineers • Surveyors

9360 HOLY CROSS LANE

BREESE, ILLINOIS 62230

(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien

DESIGNED - BWC

DRAWN - BWC

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S.

SHEET 17 OF 17 SHEETS

STA. TO STA.

F.A.I. RTE. 70

SECTION 60-(10-11)RS-1

COUNTY MADISON

TOTAL SHEETS 209

SHEET NO. 30

CONTRACT NO. 76H84

ILLINOIS FED. AID PROJECT NHPP-YQT9(213)

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HMG

Engineers • Surveyors

9360 HOLY CROSS LANE

BREESE, ILLINOIS 62230

(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien

DESIGNED - M,O'BRIEN

DRAWN - M,O'BRIEN

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

PLOT SCALE = 100.0000 ' / in.

PLOT DATE = 6/17/2020

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S

SHEET 1 OF 13 SHEETS

STA. TO STA.

F.A.I. RTE. 70

SECTION 60-(10-11)RS-1

COUNTY MADISON

TOTAL SHEETS 209

SHEET NO. 31

CONTRACT NO. 76H84

ILLINOIS FED. AID PROJECT NHPP-YQT9(213)

TREE REMOVAL SCHEDULE				
			TREE REMOVAL	SELECTIVE CLEARING
LOCATION	SIDE	WIDTH	ACRE	UNIT
FAI-70				
964+00.00 TO 996+00.00	RT	15	1.1	48
996+00.00 TO 998+00.00	STRUCTURE OMISSION			
998+00.00 TO 1013+25.00	RT	15	0.53	22.9
1014+00.00 TO 1016+00.00	RT	15	0.07	3
977+00.00 TO 996+00.00	LT	15	0.65	28.5
996+00.00 TO 998+00.00	STRUCTURE OMISSION			
998+00.00 TO 1013+25.00	LT	15	0.53	22.9
1014+00.00 TO 1020+00.00	LT	15	0.21	9
LOCATION 1 (SEE TREE REM. DETAILS FOR LOCATION)			0.22	9.6
LOCATION 2 (SEE TREE REM. DETAILS FOR LOCATION)			1.07	46.6
LOCATION 3 (SEE TREE REM. DETAILS FOR LOCATION)			0.28	12.2
LOCATION 4 (SEE TREE REM. DETAILS FOR LOCATION)			0.08	3.4
LOCATION 5 (SEE TREE REM. DETAILS FOR LOCATION)			0.16	6.8
LOCATION 6 (SEE TREE REM. DETAILS FOR LOCATION)			0.05	2.1
LOCATION 7 (SEE TREE REM. DETAILS FOR LOCATION)			0.08	3.5
LOCATION 8 (SEE TREE REM. DETAILS FOR LOCATION)			0.69	30.0
LOCATION 9 (SEE TREE REM. DETAILS FOR LOCATION)			0.60	26.0
LOCATION 10 (SEE TREE REM. DETAILS FOR LOCATION)			0.96	41.7
LOCATION 11 (SEE TREE REM. DETAILS FOR LOCATION)			0.39	16.9
LOCATION 12 (SEE TREE REM. DETAILS FOR LOCATION)			0.75	32.7
LOCATION 13 (SEE TREE REM. DETAILS FOR LOCATION)			1.09	47.4
	SUBTOTAL		9.51	413.2
	TOTAL		9.5	413

EARTHWORK SCHEDULE				
	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+) WASTE OR (-) SHORTAGE
	CU YD	CU YD	CU YD	CU YD
FAI-270 EAST BOUND				
STA. 880+00 TO STA. 889+21.50	679	509	2730	-2221
FAI-70 EAST BOUND				
STA. 947+00 TO STA. 964+99.40	1973	1479	1964	-484
FAI-70				
STA. 965+00 TO STA. 990+00	2685	2014	2314	-300
STA. 1026+00 (CROSSOVER RELOCATION)				-16
TOTALS	5337	4002	7008	-3021

EROSION CONTROL & SEEDING SCHEDULE									
	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
	ACRE	POUND	POUND	POUND	TON	SQ YD	POUND	FOOT	EACH
FAI-270 EAST BOUND									
STA. 880+00 LT TO STA. 888+20.51 LT	0.92	82.8	82.8	82.8	1.8	4452.8	276.0		
FAI-70 EAST BOUND									
STA. 947+00 LT TO STA. 953+25.92 LT	0.59	53.1	53.1	53.1	1.2	2855.6	177.0	91	
STA. 953+25.92 LT TO STA. 959+50 LT	0.33	29.7	29.7	29.7	0.7	1597.2	99.0		
STA. 953+95.09 AT 88' LT									1
STA. 959+50 LT TO STA. 965+00 LT	0.28	25.2	25.2	25.2	0.6	1355.2	84.0	26	
FAI-70									
STA. 964+00 RT TO 996+00 RT	1.10	99.0	99.0	99.0	2.2	5324.0	330.0		
STA. 965+00 LT TO STA. 967+00 LT	0.09	8.1	8.1	8.1	0.2	435.6	27.0	13	
STA. 967+00 LT TO STA. 973+50 LT	0.27	24.3	24.3	24.3	0.5	1306.8	81.0	91	
STA. 973+50 AT 8' LT									1
STA. 973+50 LT TO STA. 990+00 LT	0.74	66.6	66.6	66.6	1.5	3581.6	222.0	715	
STA. 977+00 LT TO STA. 996+00 LT	0.65	58.5	58.5	58.5	1.3	3146.0	195.0		
STA. 982+41 AT 0.9' LT									1
STA. 988+06.93 AT 5.8' RT									1
STA. 992+25.00 AT 10' RT									1
STA. 998+00 LT TO STA. 1013+25 LT	0.53	47.7	47.7	47.7	1.1	2565.2	159.0		
STA. 998+00 RT TO STA. 1013+25 RT	0.53	47.7	47.7	47.7	1.1	2565.2	159.0		
STA. 1014+00 RT TO STA. 1016+00 RT	0.07	6.3	6.3	6.3	0.1	338.8	21.0		
STA. 1014+00 LT TO STA. 1020+00 LT	0.21	18.9	18.9	18.9	0.4	1016.4	63.0		
VARIOUS TREE REMOVAL LOCATIONS (SEE SCHEDULE)	6.42	577.8	577.8	577.8	12.8	31072.8	1926.0		
TOTALS	12.75	1146	1146	1146	25.5	61614	3819	936	5

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PAVEMENT SCHEDULE															
	SUBBASE GRANULAR MATERIAL, TYPE B 12"	PORTLAND CEMENT CONCRETE PAVEMENT 10-1/2" (JOINTED)	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	PAVED SHOULDER REMOVAL	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, MIX "B", N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 4-1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 6-1/4"	AGGREGATE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDER, 10"	HOT-MIX ASPHALT SHOULDER	LONGITUDINAL JOINT SEALANT
LOCATION	SQ YD	SQ YD	LBS	LBS	LBS	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	FOOT
FAI-270 WEST BOUND															
STA. 882+28 TO 887+27				899.0	1218.0		174.4	303.1			2663.0			465.8	1497.0
FAI-270 EAST BOUND															
STA. 880+00 TO STA. 888+20.51	1118.7	916.1				364.7						483.0			
STA. 879+78 TO STA. 888+21			2183	839.0	2226.0		318.7	554.0			3373.0		888.8	327.9	2529.0
FAI-70 EAST BOUND															
STA. 947+00 TO STA. 965+00	2429.8	1105.1				800.0						1059.0			16200.0
STA. 954+50 (MEDIAN CROSSOVER)									144.3						
STA. 891+12 TO STA. 898+10				524.0	1285.0		185.7	319.7			2172.0			271.5	
STA 894+00 TO STA 947+00															15900.0
STA. 898+10 TO STA 947+00				5135.0	11932.0		1711.5	2969.7			20648.0			2662.4	
STA. 947+00 TO STA 949+26			622	227.0	1140.0		161.4	283.5			1508.0		251.2	87.9	
STA. 949+26 TO STA. 951+49.09			614	224.0	1080.0		153.1	268.8			1389.0		247.9	86.8	
STA. 951+49.09 TO STA 956+99.09			1513	551.0	2332.0	70.1	331.1	580.5			2987.0		681.4	189.4	
STA. 956+99.09 TO STA.964+99.40			2201	802.0	2059.0	602.1	414.6	512.3			2956.0		1491.4	100.5	
STA. 965+00 TO STA 976+99.09			3298	1200.0	4365.0		621.2	1086.4			4531.0		1332.4	466.4	7194.0
STA 976+99.09 TO STA 985+39.09			2310	840.0	2554.0		364.6	635.6			3174.0		933.4	326.7	5040.0
STA. 983+22 (MEDIAN CROSS OVER)									196.8						
STA. 985+39.09 TO STA 988+89.09			963	351.0	854.0		122.5	212.6			1323.0		388.9	136.2	1050.0
STA. 988+89.09 TO STA 989+89.09			200	93.0	244.0		35.0	60.8			379.0		111.2	38.9	300.0
STA. 989+89.09 TO STA 996+00				643.0	1491.0		213.9	371.0			2581.0			332.7	1833.0
STA. 997+49 TO STA 1030+59				3289.0	6982.0	958.9	1083.6	1737.6			12115.0		1265.5	1350.1	9288.0
STA. 1026+00 (MEDIAN CROSSOVER)	210.2		474		95.0		94.2	47.1							
FAI-70 WEST BOUND															
STA. 965+00 TO STA. 990+00	2794.8	2814.1				1111.1						1471.0			
STA. 892+40 TO STA. 911+00				1953.0	4539.0		651.0	1129.6			7854.0			1012.8	5580.0
STA. 915+13 TO STA. 946+93				3339.0	7760.0		1113.0	1931.2			13428.0			1731.4	9540.0
STA. 946+93 TO STA. 963+22				1711.0	6589.0	961.1	1026.3	1639.8			9539.0		1105.7	613.9	9774.0
STA. 963+22 TO STA. 964+93.54				181.0	419.0		60.1	104.2			726.0			30.2	516.0
STA. 965+00 TO STA 976+99.09				1260.0	2926.0		419.7	728.2			5064.0			653.0	3597.0
STA 976+99.09 TO STA 985+39.09				882.0	2050.0		294.0	510.2			3548.0			457.4	2520.0
STA. 985+39.09 TO STA 988+89.09				368.0	854.0		122.5	212.6			1479.0			190.7	1050.0
STA. 988+89.09 TO STA 989+89.09				105.0	244.0		35.0	60.8			424.0			54.5	300.0
STA. 989+89.09 TO STA 995+85				626.0	1455.0		208.6	361.9			2518.0			324.5	1788.0
STA. 997+47 TO STA 1030+59				3292.0	7359.0		542.2	1781.4			13177.0		163.2	1720.0	9294.0
RAMP G1															
STA. 3+44 TO STA. 21+44				1746.0	3024.0			1066.3		6800.0				615.4	3600.0
RAMP G3															
STA. 7+41 TO STA. 22+58				1426	1866			658		4721				502.2	
RAMP G4															
STA. 0+00 TO STA. 29+45				2711	3055		5.6	1074.4		8392				958.5	
STA. 29+45 TO STA. 40+82				827	1164		169.7	289.7			2483			428.5	
RAMP G5															
STA. 0+00 TO STA. 23+01				2191	2381			839.7		6676				772.2	
RAMP G6															
STA. 2+33 TO STA 13+54				1049	1379			486.2		3546				369.4	
RAMP G7															
STA. -1+08 TO STA 15+58				1560	2050			722.6		7940				549.7	
TOTALS	6553.5	4835.3	14378	40844	88971	4868	10633.2	23539.5	341.1	38075	122039	3013	8861.0	17828	108390

NOTES:
POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) SHALL BE USED ON MAINLINE PAVEMENT LIFTS ONLY.
BITUMINOUS MATERIALS (TACK COAT) SHALL BE USED ON SHOULDER PAVEMENT LIFTS ONLY.

<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611</div><div>IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien	DESIGNED - M,O'BRIEN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES						F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -								70	60-(10-11)RS-1	MADISON	209	32
	PLOT DATE = 6/17/2020	DATE -	REVISED -		SCALE: N.T.S						SHEET 2 OF 13 SHEETS STA. TO STA.				
											ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

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FILE Name: I:\1882 IDOT DB Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-shc-schedule.dgn

EAST BOUND FAI-70 PAVEMENT PATCHING SCHEDULE												
APPROXIMATE STATION	DISTANCE FROM JOINT AT 891+26	LENGTH FEET	WIDTH FEET	CLASS A PATCHES, TYPE IV, 10"	CLASS B PATCHES, TYPE II, 13"	CLASS B PATCHES, TYPE III, 13"	CLASS B PATCHES, TYPE IV, 13"	SAW CUTS FOOT	PATCHING REINFORCEMENT SQ YD	WELDED WIRE REINFORCEMENT SQ YD	DOWEL BARS 1-1/2" EACH	TIE BARS 3/4" EACH
				SQ YD	SQ YD	SQ YD	SQ YD					
897+01	575	12	12			16.0		48.0		16.0	20	
897+41	615	6	12		8.0			36.0		8.0	20	
904+76	1350	8	12		10.7			40.0		10.7	20	
905+26	1400	10	12		13.3			44.0		13.3	20	
905+76	1450	6	12		8.0			36.0		8.0	20	
905+76	1450	12	12			16.0		48.0		16.0	20	
906+16	1490	15	12			20.0		54.0		20.0	20	
909+56	1830	30	12				40.0	84.0		40.0	20	15
912+48	2122	12	12			16.0		48.0		16.0	20	
926+71	3545	10	12		13.3			44.0		13.3	20	
930+76	3950	8	12		10.7			40.0		10.7	20	
939+74	4848	6	12		8.0			36.0		8.0	20	
940+12	4886	6	12		8.0			36.0		8.0	20	
940+73	4947	6	12		8.0			36.0		8.0	20	
941+41	5015	6	12		8.0			36.0		8.0	20	
942+01	5075	6	12		8.0			36.0		8.0	20	
950+26	5900	8	12		10.7			40.0		10.7	20	
950+26	5900	8	12		10.7			40.0		10.7	20	
950+26	5900	8	12		10.7			40.0		10.7	20	
951+71	6045	6	12		8.0			36.0		8.0	20	
956+06	6480	6	12		8.0			36.0		8.0	20	
958+16	6690	20	8			17.8		56.0		17.8	12	10
958+16	6690	20	12				26.7	64.0		26.7	20	10
958+16	6690	8	12		10.7			40.0		10.7	20	
958+71	6745	8	15		13.3			46.0		13.3	26	
958+71	6745	8	12		10.7			40.0		10.7	20	
959+43	RIGGINS	470	36	1880.0				1012.0	1880.0		60	235
966+56	7530	6	12		8.0			36.0		8.0	20	
968+21	7695	6	12		8.0			36.0		8.0	20	
968+86	7760	6	12		8.0			36.0		8.0	20	
970+36	7910	6	12		8.0			36.0		8.0	20	
970+56	7930	6	12		8.0			36.0		8.0	20	
971+81	8055	6	12		8.0			36.0		8.0	20	
976+71	8545	6	12		8.0			36.0		8.0	20	
1000+11	10885	6	12		8.0			36.0		8.0	20	
1006+40	11514	15	12			20.0		54.0		20.0	20	
1006+40	11514	15	12			20.0		54.0		20.0	20	
1013+42.36	STAUNTON	470	24	1253.3				988.0	1253.3		40	235
TOTALS				3133.3	250.8	125.8	66.7	3536.0	3133.3	443.1	818	505



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
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(618) 526-9611

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DESIGNED - M.O'BRIEN
DRAWN - M.O'BRIEN
CHECKED -
DATE -

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	33
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

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WEST BOUND FAI-70 PAVEMENT PATCHING SCHEDULE

APPROXIMATE STATION	DISTANCE FROM JOINT AT 901+06	LENGTH FEET	WIDTH FEET	CLASS A PATCHES, TYPE IV, 10"	CLASS B PATCHES, TYPE II, 13"	CLASS B PATCHES, TYPE III, 13"	SAW CUTS	PATCHING REINFORCEMENT	WELDED WIRE REINFORCEMENT	DOWEL BARS 1-1/2"	TIE BARS 3/4"
				SQ YD	SQ YD	SQ YD	FOOT	SQ YD	SQ YD	EACH	EACH
905+45	439	6	12		8.0		36.0		8.0	20	
959+42.70	RIGGIN	470	34.7	1809.0			1009.4	1809.0		48	235
966+56	6550	20	8			17.8	56.0		17.8	12	10
969+56	6850	6	10		6.7		32.0		6.7	16	
969+56	6850	6	12		8.0		36.0		8.0	20	
973+96	7290	6	12		8.0		36.0		8.0	20	
973+96	7290	6	8		5.3		28.0		5.3	12	
973+96	7290	15	12			20.0	54.0		20.0	20	
1002+56	10150	6	12		8.0		36.0		8.0	20	
1020+12	11906	6	12		8.0		36.0		8.0	20	
1020+12	11906	6	12		8.0		36.0		8.0	20	
1028+06	12700	6	12		8.0		36.0		8.0	20	
TOTALS				1809.0	68.0	37.8	1431.4	1809.0	105.8	248	245

INTERCHANGE RAMP PAVEMENT PATCHING SCHEDULE

RAMP NAME	APPROXIMATE STATION	DISTANCE FROM JOINT AT 2+72	LENGTH FEET	WIDTH FEET	CLASS B PATCHES, TYPE II, 13"	CLASS B PATCHES, TYPE III, 13"	SAW CUTS	WELDED WIRE REINFORCEMENT	DOWEL BARS 1-1/2"
		2+72	FEET	FEET	SQ YD	SQ YD	FOOT	SQ YD	EACH
G1	10+22	750	6	16	10.7		44.0	10.7	14
G1	15+22	1250	6	16	10.7		44.0	10.7	14
G1	16+72	1400	6	16	10.7		44.0	10.7	14
G4	24+95	1675	8	16	14.2		48.0	14.2	14
G4	33+50	2530	8	16	14.2		48.0	14.2	14
G4	41+25	3305	12	16		21.3	56.0	21.3	14
G7	11+27	1193	10	16		17.8	52.0	17.8	14
G7	14+79	1545	8	16	14.2		48.0	14.2	14
TOTALS					74.7	39.1	384.0	113.8	112



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DRAWN -	M,O'BRIEN
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S	SHEET 4 OF 13 SHEETS	STA. TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	34
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

IL PROF. DESIGN FIRM NO. 184.000899

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DRAINAGE SCHEDULE OF QUANTITIES												
	REINFORCEMENT BARS	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15 INCH	PRECAST REINFORCED CONCRETE FLARED END SECTION, 36 INCH	PIPE CULVERTS, CLASS A, TYPE 1, 15 INCH	PIPE CULVERTS, CLASS A, TYPE 1, 18 INCH	PIPE CULVERTS, CLASS A, TYPE 1, 24 INCH	PIPE CULVERTS, CL A, TY 3, 36 INCH	CONCRETE END SECTION, STANDARD 542001, 18 INCH 1:4	INLET BOX, STANDARD 542531	CONCRETE COLLAR	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID
	POUND	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	CU YD	EACH	EACH
FAI-270 EAST BOUND												
STA. 883+17.29 AT 93.9' LT			1				54.0					
STA. 883+97.94	40									0.9		
STA. 887+71 AT 34.0' LT	31	1		10.0						0.4		
FAI-70												
STA. 965+72.24 AT 9.8' LT				10.0							1	
STA. 965+72.24 AT 2.4' LT				4.0								1
STA. 973+52 AT 7.6' LT	52					16.0			1	0.5		
STA. 982+41 AT 0.9' LT				8.0							1	
STA. 982+41 AT 5.45' RT												1
FAI-70 EAST BOUND												
STA.1025+81.62 AT 1.8' RT TO STA. 1026+19.62 TO 1.4' RT					42.0			2				
TOTALS	123	1	1	32	42	16	54	2	1	1.8	2	2

DRAINAGE REMOVAL ITEMS SCHEDULE OF QUANTITIES					
	GRADING & SHAPING DITCHES	PAVED DITCH REMOVAL	PIPE CULVERT REMOVAL	REMOVING INLETS	CONCRETE HEADWALL REMOVAL
	FOOT	FOOT	FOOT	EACH	EACH
FAI-270 EAST BOUND					
STA. 883+00 LT	75.5				
STA. 883+17.29 AT 93.9' LT			4.0		1
STA. 887+71 AT 34.0' LT			4.0		1
FAI-70					
STA. 965+72.24 AT 9.8' LT					
STA. 965+72.24 AT 2.4' LT			4.0	1	
STA. 973+52 AT 7.6' LT			4.0	1	
STA. 982+41 AT 5.45' RT			4.0	1	
FAI-70 WEST BOUND					
STA. 929+39 AT 30.3' RT TO 75.5' RT	45.2	45.2			
FAI-70 EAST BOUND					
STA. 929+32 AT 83.2' RT TO STA. 932+05 AT 76.5' RT	273	273			
STA. 931+68 AT 147.9' LT TO STA. 934+08 AT 43.2' LT	275	275			
STA. 932+67 AT 58.2' RT TO STA. 933+48 TO 52.4' RT	86	86			
TOTALS	755	679.2	20	3	2

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CULVERT REPAIR SCHEDULE													
STATION	CULVERT TYPE AND SIZE	SIDE	GRADING AND SHAPING DITCHES	STONE RIP RAP, CLASS A4	FILTER FABRIC	CONCRETE HEADWALL REMOVAL	PRECAST REINF. CONC. FLARED END SECTIONS, 24"	PRECAST REINF. CONC. FLARED END SECTIONS, 36"	PIPE CULVERTS TO BE CLEANED 15"	PIPE CULVERTS TO BE CLEANED 24"	PIPE CULVERTS TO BE CLEANED 42"	DEBRIS REMOVAL	PROPOSED REPAIR WORK
			FOOT	TON	SQ YD	EACH	EACH	EACH	FOOT	FOOT	FOOT	LUMP SUM	
897+25	24" RCP WITH FLARED END SECTIONS & GRATES	NORTH	50									0.5	REMOVE DEBRIS; LOCALIZED GRADING TO IMPROVE DRAINAGE
		SOUTH	50			1	1						REPLACE END SECTION; LOCALIZED GRADING TO IMPROVE DRAINAGE
905+75	36" RCP WITH CONCRETE END SECTIONS	NORTH	50										LOCALIZED GRADING TO IMPROVE DRAINAGE
		SOUTH	50										LOCALIZED GRADING TO IMPROVE DRAINAGE
916+45	42" RCP WITH CONCRETE ENDSECTIONS	NORTH											NO WORK PROPOSED
		SOUTH	50								20		REMOVE SEDIMENT AND VEGETATION; LOCALIZED GRADING TO IMPROVE DRAINAGE
919+26	5x4' RCBC WITH WING WALLS	NORTH											NO WORK PROPOSED
		SOUTH		16.7	22.3								PLACE RIP RAP/FILL MATERIAL BEHIND SOUTH EAST WING WALL
929+39	24" RCP WITH FLARED END SECTIONS & GRATES	NORTH				1	1						REPLACE END SECTION
		SOUTH		25.0	33.4								PLACE RIP RAP IN DRAINAGE DITCH
933+80	24" RCP WITH FLARED END SECTIONS & GRATES	NORTH		16.7	22.3	1	1						REPLACE END SECTION; PLACE RIP RAP/FILL MATERIAL AROUND SIDES OF OUTLET
		SOUTH											NO WORK PROPOSED
941+40	36" RCP WITH FLARED END SECTIONS & GRATES	NORTH	50	16.7	22.3	1		1					REPLACE END SECTION; PLACE RIP RAP TO TOE OF APRON; LOCALIZED GRADING TO IMPROVE DRAINAGE
		SOUTH				1		1					REPLACE END SECTION
943+00	36" RCP WITH FLARED END SECTIONS & GRATES	NORTH				1		1					REPLACE END SECTION
		SOUTH				1		1					REPLACE END SECTION
946+50	15" RCP WITH INLET	NORTH							21				
		SOUTH							20				
965+65	36" RCP WITH FLARED END SECTIONS & GRATES	NORTH		16.7	22.3								PLACE RIP RAP TO TOE OF APRON
		SOUTH										0.5	REMOVE DEBRIS FROM GRATE
982+65	48" RCP WITH CONCRETE END SECTIONS	NORTH	50										LOCALIZED GRADING TO IMPROVE DRAINAGE
		SOUTH		16.7	22.3								PLACE RIP RAP/FILL MATERIAL BEHIND SOUTH WEST WING WALL
1008+00	42" RCP WITH CONCRETE END SECTIONS	NORTH											NO WORK PROPOSED
		SOUTH	50								20		REMOVE SEDIMENT; LOCALIZED GRADING TO IMPROVE DRAINAGE
1027+38	DUAL 24" RCPs WITH CONCRETE END SECTIONS & GRATES	NORTH								40			REMOVE SEDIMENT FROM INSIDE GRATE
		SOUTH								40			REMOVE SEDIMENT FROM INSIDE GRATE
TOTALS			400	108.5	144.9	7	3	4	41	80	40	1	

STRUCTURE REPAIR SCHEDULE OF QUANTITIES							
	POROUS GRANULAR EMBANKMENT	FILTER FABRIC	STONE RIPRAP, CLASS A4	GABIONS	SLOPE WALL REMOVAL	SLOPE WALL, 4 INCH	SLOPE WALL SLURRY PUMPING
	TON	SQ YD	TON	CU YD	SQ YD	SQ YD	CU YD
FAI-270 EAST BOUND							
STA. 859+82 (S.N. 060-0058)					3.0	3.0	24.0
STA. 875+15 (S.N. 060-2529)		200.7	253.3				
FAI-70							
STA. 961+85 (S.N. 060-2577)		267.6	337.2				
STA. 990+05 (S.N. 060-2530)	107	328.8	253.1	55			
TOTALS	107	797.1	843.6	55	3.0	3.0	24.0



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	36
CONTRACT NO. 76H84				
ILLINOIS		FED. AID PROJECT	NHPP-YQT9(213)	

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PIPE UNDER DRAIN SCHEDULE OF QUANTITIES									
LOCATION					CONCRETE HEADWALLS FOR PIPE DRAINS	SHOULDER REMOVAL AND REPLACEMENT	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL
					EACH	FOOT	FOOT	FOOT	FOOT
					OUTLET STA				
FAI-270 WEST BOUND									
**	LT STA	884+51	TO STA	949+50	LT STA 884+51		512.0	20.5	512.0 532.5
FAI-270 EAST BOUND									
**	LT STA	879+78	TO STA	883+35	LT STA 883+35		357.0		357.0 357.0
*	LT STA	883+39	TO STA	887+71	LT STA 887+71		432.0		432.0 432.0
*	LT STA	887+71	TO STA	888+20	LT STA 887+71		49.0		49.0 49.0
FAI-70 WEST BOUND									
	LT STA	892+40	TO STA	893+57	LT STA 893+57	1	117.0	20.5	117.0 137.5
*	LT STA	893+61	TO STA	897+25	LT STA 897+25		364.0		364.0 364.0
*	LT STA	897+25	TO STA	900+33	LT STA 897+25		308.0		308.0 308.0
	LT STA	900+37	TO STA	903+46	LT STA 900+37	1	309.0	20.5	309.0 329.5
	LT STA	905+50	TO STA	907+37	LT STA 905+50	1	187.0	4.0	187.0 191.0
	LT STA	907+41	TO STA	911+29	LT STA 907+41	1	388.0	20.5	388.0 408.5
	LT STA	915+28	TO STA	919+94	LT STA 919+94	1	466.0	20.5	466.0 486.5
	LT STA	919+98	TO STA	924+64	LT STA 924+64	1	466.0	20.5	466.0 486.5
*	LT STA	924+68	TO STA	929+39	LT STA 929+39		471.0		471.0 471.0
*	LT STA	929+43	TO STA	934+13	LT STA 934+13		470.0		470.0 470.0
*	LT STA	934+13	TO STA	937+84	LT STA 934+13		371.0		371.0 371.0
	LT STA	937+88	TO STA	941+59	LT STA 937+88	1	371.0	20.5	371.0 391.5
	LT STA	941+63	TO STA	946+90	LT STA 941+63	1	527.0	20.5	527.0 547.5
*	LT STA	950+42	TO STA	953+83	LT STA 953+83		341.0		341.0 341.0
	LT STA	953+87	TO STA	958+60	LT STA 958+60	1	473.0	20.5	473.0 493.5
	LT STA	958+64	TO STA	963+37	LT STA 963+37	1	473.0	20.5	473.0 493.5
	LT STA	963+41	TO STA	968+14	LT STA 968+14	1	473.0	20.5	473.0 493.5
	LT STA	968+18	TO STA	972+91	LT STA 972+91	1	473.0	20.5	473.0 493.5
	LT STA	972+95	TO STA	977+68	LT STA 977+68	1	473.0	20.5	473.0 493.5
	LT STA	977+72	TO STA	982+55	LT STA 982+55	1	483.0	20.5	483.0 503.5
	LT STA	982+59	TO STA	987+32	LT STA 987+32	1	473.0	20.5	473.0 493.5
	LT STA	987+36	TO STA	992+00	LT STA 992+00	1	464.0	20.5	464.0 484.5
	LT STA	992+00	TO STA	995+84	LT STA 992+00		384.0	20.5	384.0 404.5
	LT STA	997+50	TO STA	1001+98	LT STA 997+50	1	448.0	20.5	448.0 468.5
	LT STA	1002+02	TO STA	1006+98	LT STA 1002+02	1	496.0	20.5	496.0 516.5
	LT STA	1007+02	TO STA	1012+08	LT STA 1012+08	1	506.0	20.5	506.0 526.5
	LT STA	1012+12	TO STA	1017+18	LT STA 1017+18	1	506.0	20.5	506.0 526.5
	LT STA	1017+22	TO STA	1022+28	LT STA 1022+28	1	506.0	20.5	506.0 526.5
*	LT STA	1022+32	TO STA	1027+38	LT STA 1027+38		506.0		506.0 506.0
**	LT STA	1027+42	TO STA	1028+45	LT STA 1030+00		103.0		103.0 103.0
TOTALS						21	13746	455	13746 14201

NOTES: * FLOWS INTO CULVERT
** CONNECT TO EXISTING UNDERDRAIN AT PROJECT LIMITS

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES									
LOCATION					CONCRETE HEADWALLS FOR PIPE DRAINS	SHOULDER REMOVAL AND REPLACEMENT	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL
					EACH	FOOT	FOOT	FOOT	FOOT
					OUTLET STA				
RAMP G4									
	RT STA	30+20	TO STA	31+28	RT STA 31+28		108.0	45.0	108.0 108.0
FAI-270 EAST BOUND									
**	RT STA	879+78	TO STA	883+35	RT STA 883+35		357.0		357.0 357.0
*	RT STA	883+39	TO STA	887+71	RT STA 887+71		432.0		432.0 432.0
*	RT STA	887+71	TO STA	888+20	RT STA 887+71		49.0		49.0 49.0
FAI-70 WEST BOUND									
*	RT STA	892+40	TO STA	897+25	RT STA 897+25		485.0		485.0 485.0
*	RT STA	897+25	TO STA	901+71	RT STA 897+25		446.0		446.0 446.0
	RT STA	901+75	TO STA	906+21	RT STA 901+75	1	446.0	18.5	446.0 464.5
	RT STA	906+25	TO STA	910+72	RT STA 906+25	1	447.0	17.5	447.0 464.5
	RT STA	914+96	TO STA	919+74	RT STA 919+74	1	478.0	18.5	478.0 496.5
	RT STA	919+78	TO STA	924+56	RT STA 924+56	1	478.0	18.5	478.0 496.5
*	RT STA	924+60	TO STA	929+39	RT STA 929+39		479.0		479.0 479.0
*	RT STA	929+43	TO STA	934+47	RT STA 934+47		504.0		504.0 504.0
*	RT STA	934+47	TO STA	938+61	RT STA 934+47		414.0		414.0 414.0
	RT STA	938+65	TO STA	944+00	RT STA 938+65	1	535.0	18.5	535.0 553.5
	RT STA	944+04	TO STA	950+30	RT STA 944+04	1	626.0	18.5	626.0 644.5
	RT STA	945+60	TO STA	950+40	RT STA 950+40	1	513.0	18.5	513.0 531.5
*	RT STA	950+44	TO STA	953+83	RT STA 953+83		339.0		339.0 339.0
	RT STA	953+87	TO STA	958+60	RT STA 958+60	1	473.0	18.5	473.0 491.5
	RT STA	958+64	TO STA	963+37	RT STA 963+37	1	473.0	18.5	473.0 491.5
	RT STA	953+41	TO STA	968+14	RT STA 968+14	1	473.0	18.5	473.0 491.5
	RT STA	958+18	TO STA	972+91	RT STA 972+91	1	473.0	18.5	473.0 491.5
	RT STA	972+95	TO STA	977+68	RT STA 977+68	1	473.0	18.5	473.0 491.5
	RT STA	977+72	TO STA	982+45	RT STA 982+45	1	473.0	18.5	473.0 491.5
	RT STA	982+49	TO STA	987+22	RT STA 987+22	1	473.0	18.5	473.0 491.5
	RT STA	987+26	TO STA	992+00	RT STA 992+00	1	474.0	18.5	474.0 492.5
	RT STA	992+00	TO STA	995+84	RT STA 992+00		384.0	18.5	384.0 402.5
	RT STA	997+50	TO STA	999+72	RT STA 997+50	1	222.0	18.5	222.0 240.5
	RT STA	999+76	TO STA	1003+60	RT STA 999+76	1	384.0	17.5	384.0 401.5
	RT STA	1003+64	TO STA	1007+48	RT STA 1003+64	1	384.0	18.5	384.0 402.5
	RT STA	1007+52	TO STA	1012+45	RT STA 1012+45	1	493.0	18.5	493.0 511.5
	RT STA	1012+49	TO STA	1017+42	RT STA 1017+42	1	493.0	18.5	493.0 511.5
	RT STA	1017+46	TO STA	1022+39	RT STA 1022+39	1	493.0	18.5	493.0 511.5
*	RT STA	1022+43	TO STA	1027+38	RT STA 1027+38		495.0		495.0 495.0
**	RT STA	1027+42	TO STA	1028+45	RT STA 1030+00		103.0		103.0 103.0
TOTALS						21	14372	450	14372 14777

NOTES: * FLOWS INTO CULVERT
** CONNECT TO EXISTING UNDERDRAIN AT PROJECT LIMITS



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = mobrien
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - M,O'BRIEN
DRAWN - M,O'BRIEN
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 7 OF 13 SHEETS STA. 11 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	37
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

MODEL Default
FILE Name: I:\1982_IDOT_D8_Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-rht-schedule.dgn

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES									
LOCATION					CONCRETE HEADWALLS FOR PIPE DRAINS	SHOULDER REMOVAL AND REPLACEMENT	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL
					EACH	FOOT	FOOT	FOOT	FOOT
OUTLET STA									
FAI-70 EAST BOUND									
LT STA	904+00	TO STA	907+00	LT STA 907+00	1	300.0	17.5	300.0	317.5
LT STA	907+04	TO STA	915+70	LT STA 915+70	1	866.0	17.5	866.0	883.5
LT STA	915+74	TO STA	917+50	LT STA 917+50	1	176.0	17.5	176.0	193.5
LT STA	917+50	TO STA	921+84	LT STA 917+50		434.0	17.5	434.0	451.5
LT STA	921+88	TO STA	925+75	LT STA 921+88	1	387.0	18.5	387.0	405.5
LT STA	925+79	TO STA	930+60	LT STA 925+79	1	481.0	18.5	481.0	499.5
LT STA	930+64	TO STA	934+98	LT STA 930+64	1	434.0	16.5	434.0	450.5
**	LT STA	935+02	TO STA	939+79		477.0		477.0	477.0
**	LT STA	939+83	TO STA	944+60		477.0		477.0	477.0
*	LT STA	944+64	TO STA	946+42		178.0		178.0	178.0
	LT STA	946+98	TO STA	951+35	1	437.0	18.5	437.0	455.5
	LT STA	951+39	TO STA	955+76	1	437.0	18.5	437.0	455.5
	LT STA	955+80	TO STA	960+17	1	437.0	18.5	437.0	455.5
	LT STA	960+21	TO STA	964+58	1	437.0	18.5	437.0	455.5
	LT STA	964+62	TO STA	968+99	1	437.0	18.5	437.0	455.5
*	LT STA	969+03	TO STA	973+45		442.0		442.0	442.0
	LT STA	973+49	TO STA	978+30	1	481.0	18.5	481.0	499.5
	LT STA	978+34	TO STA	983+15	1	481.0	18.5	481.0	499.5
*	LT STA	983+19	TO STA	988+00	1	481.0		481.0	481.0
	LT STA	988+04	TO STA	992+00	1	396.0	18.5	396.0	414.5
	LT STA	992+00	TO STA	995+96		396.0	18.5	396.0	414.5
	LT STA	997+95	TO STA	999+96	1	201.0	18.5	201.0	219.5
	LT STA	1000+00	TO STA	1003+96	1	396.0	17.5	396.0	413.5
	LT STA	1004+00	TO STA	1007+98	1	398.0	18.5	398.0	416.5
*	LT STA	1008+02	TO STA	1012+00		398.0		398.0	398.0
	LT STA	1012+04	TO STA	1016+00	1	396.0	18.5	396.0	414.5
*	LT STA	1016+04	TO STA	1020+00		396.0		396.0	396.0
	LT STA	1020+04	TO STA	1023+69	1	365.0	18.5	365.0	383.5
	LT STA	1023+73	TO STA	1027+38		365.0		365.0	365.0
**	LT STA	1027+42	TO STA	1028+45		103.0		103.0	103.0
TOTALS					20	12090	381.5	12090	12471.5

NOTES: * FLOWS INTO CULVERT
** CONNECT TO EXISTING UNDERDRAIN AT PROJECT LIMITS

PIPE UNDER DRAIN SCHEDULE OF QUANTITIES									
LOCATION					CONCRETE HEADWALLS FOR PIPE DRAINS	SHOULDER REMOVAL AND REPLACEMENT	PIPE UNDERDRAINS 6" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 6"	PIPE UNDERDRAIN REMOVAL
					EACH	FOOT	FOOT	FOOT	FOOT
OUTLET STA									
FAI-70 EAST BOUND									
RT STA	904+00	TO STA	907+30	RT STA 907+30	1	330.0	20.5	330.0	350.5
RT STA	907+34	TO STA	912+40	RT STA 912+40	1	506.0	20.5	506.0	526.5
RT STA	912+44	TO STA	917+50	RT STA 917+50	1	506.0	20.5	506.0	526.5
RT STA	917+50	TO STA	921+84	RT STA 917+50		434.0	20.5	434.0	454.5
RT STA	921+88	TO STA	926+22	RT STA 921+88	1	434.0	20.5	434.0	454.5
RT STA	926+26	TO STA	930+60	RT STA 926+26	1	434.0	20.5	434.0	454.5
RT STA	930+64	TO STA	934+98	RT STA 930+64	1	434.0	20.5	434.0	454.5
*	RT STA	935+02	TO STA	939+79		477.0		477.0	477.0
*	RT STA	939+83	TO STA	944+60		477.0		477.0	477.0
	RT STA	944+64	TO STA	949+41	1	477.0	20.5	477.0	497.5
	RT STA	949+45	TO STA	954+22	1	477.0	20.5	477.0	497.5
	RT STA	954+26	TO STA	959+03	1	477.0	20.5	477.0	497.5
	RT STA	959+07	TO STA	963+84	1	477.0	20.5	477.0	497.5
	RT STA	963+88	TO STA	968+65	1	477.0	20.5	477.0	497.5
*	RT STA	968+69	TO STA	973+45		476.0		476.0	476.0
	RT STA	973+49	TO STA	978+30	1	481.0	20.5	481.0	501.5
	RT STA	978+34	TO STA	983+15	1	481.0	20.5	481.0	501.5
*	RT STA	983+19	TO STA	988+00		481.0		481.0	481.0
	RT STA	988+04	TO STA	992+00	1	396.0	20.5	396.0	416.5
	RT STA	992+00	TO STA	995+96		396.0	20.5	396.0	416.5
	RT STA	997+95	TO STA	999+96	1	201.0	20.5	201.0	221.5
	RT STA	1000+00	TO STA	1003+96	1	396.0	19.5	396.0	415.5
	RT STA	1004+00	TO STA	1007+98	1	398.0	20.5	398.0	418.5
*	RT STA	1008+02	TO STA	1012+00		398.0		398.0	398.0
	RT STA	1012+04	TO STA	1016+00	1	396.0	20.5	396.0	416.5
*	RT STA	1016+04	TO STA	1020+00		396.0		396.0	396.0
	RT STA	1020+04	TO STA	1023+69	1	365.0	20.5	365.0	385.5
*	RT STA	1023+73	TO STA	1027+38		365.0		365.0	365.0
**	RT STA	1027+42	TO STA	1028+45		103.0		103.0	103.0
TOTALS					19	12146	429.5	12146	12575.5

NOTES: * FLOWS INTO CULVERT
** CONNECT TO EXISTING UNDERDRAIN AT PROJECT LIMITS



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = mobrien
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - M,O'BRIEN
DRAWN - M,O'BRIEN
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	38
CONTRACT NO. 76H84				
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

MODEL Default
FILE Name: I:\1382_IDOT_DB_Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-shc-schedule.dgn

MAINLINE GUARDRAIL SCHEDULE														
LOCATION	COMMENT	LENGTH OF NEED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	IMPACT ATTENUATORS (NON- REDIRECTIVE), TEST LEVEL 3	ATTENUATOR BASE	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS - TYPE A	REMOVE IMPACT ATTENUATORS, NO SALVAGE	
			FOOT	FOOT	EACH	EACH	EACH	FOOT	EACH	SQ YD	EACH	EACH	EACH	
FAI-70														
STA 975+25	LT	SIGN TRUSS FAI-55 NB OFF FAI-70 WB							1	27.3			1	
STA 975+25	LT	SIGN TRUSS FAI-55 SB OFF FAI-70 WB							1	27.3			1	
STA 990+39 TO STA 995+74	RT	WENDELL BRANCH STRUCTURE OUTSIDE	STA 990+27 TO STA 996+12	535			1	1	415.6		1	6		
STA 992+80 TO STA 995+71	RT	WENDELL BRANCH STRUCTURE INSIDE	STA 992+67 TO STA 996+08	291			1	1	473.5		1	4		
STA 997+92 TO STA 1002+65	LT	WENDELL BRANCH STRUCTURE OUTSIDE	STA 997+54 TO STA 1002+77	473			1	1	556.7		1	6		
STA 997+93 TO STA 999+77	RT	WENDELL BRANCH STRUCTURE INSIDE	STA 997+56 TO STA 999+52	184		1	1		243.1			4		
STA 997+94 TO STA 1002+99	LT	WENDELL BRANCH STRUCTURE INSIDE	STA 997+57 TO STA 1003+12	505			1	1	701.0		1	6		
STA 1009+68 TO STA 1012+96	RT	STAUNTON ROAD OVERPASS OUTSIDE	STA 1009+56 TO STA 1013+34	328			1	1	312.3		1	5		
STA 1010+27 TO STA 1013+23	RT	STAUNTON ROAD OVERPASS INSIDE	STA 1010+14 TO STA 1012+85	296		1		1	151.7		1	4		
STA 1013+49 TO STA 1016+61	LT	STAUNTON ROAD OVERPASS INSIDE	STA 1013+74 TO STA 1016+73	312		1		1	135.1		1	5		
STA 1013+90 TO STA 1017+40	LT	STAUNTON ROAD OVERPASS OUTSIDE	STA 1013+52 TO STA 1017+53	351			1	1	374.5		1	4		
FAI-70 WESTBOUND														
STA 902+42 TO STA 910+03	RT	FAI-55 UNDERPASS	STA 902+67 TO STA 910+40	761		1	1		27.6			6		
STA 907+31 TO STA 910+91	LT	FAI-55 UNDERPASS	STA 907+56 TO STA 911+29	360		1	1		332.1			5		
STA 915+28 TO STA 931+37	RT	FAI-270 OVERPASS/FAI-55 UNDERPASS	STA 914+90 TO STA 931+74	1609			2		438.3			9		
STA 915+80 TO STA 923+69	LT	FAI-55 UNDERPASS	STA 915+43 TO STA 923+81	788			1	1	428.6		1	6		
STA 930+19 TO STA 931+14	LT	FAI-270 OVERPASS	STA 930+44 TO STA 931+14	58		1	1					4		
STA 932+29 TO STA 934+95	LT	FAI-270 OVERPASS	STA 931+91 TO STA 935+08	266			1	1	388.4		1	4		
STA 932+98 TO STA 939+01	RT	FAI-270 OVERPASS	STA 932+60 TO STA 939+14	604			1	1	495.7		1	6		
STA 953+68 TO STA 956+65	RT	SIGN TRUSS FAI-55 SB OFF FAI-70 WB	STA 935+93 TO STA 956+77	297		1		1			1	4		
STA 953+73 TO STA 955+99	LT	SIGN TRUSS FAI-55 NB OFF FAI-70 WB	STA 953+98 TO STA 956+12	226		1		1			1	4		
STA 959+46 TO STA 962+96	RT	RIGGIN ROAD OVERPASS INSIDE	STA 959+71 TO STA 962+82	350		1		1	135.5		1	4		
STA 960+06 TO STA 963+01	LT	RIGGIN ROAD OVERPASS OUTSIDE	STA 959+68 TO STA 963+13	295			1	1	385.2		1	5		
FAI-70 EASTBOUND														
STA 901+38 TO STA 905+35	RT	SIGN TRUSS FAI-70 EB OFF FAI-55 NB	STA 901+25 TO STA 905+10	348	50.0	1		1	229.5		1	5		
STA 956+31 TO STA 958+89	RT	RIGGIN ROAD OVERPASS OUTSIDE	STA 956+19 TO STA 959+26	258			1	1	418.1		1	4		
STA 957+60 TO STA 959+73	LT	RIGGIN ROAD OVERPASS INSIDE	STA 957+47 TO STA 959+48	214		1		1	147.1		1	4		
FAI-270 EASTBOUND														
STA 860+93 TO STA 861+74	RT			81			1					4		
FAI-270 WESTBOUND														
STA 878+96 TO STA 879+20	LT			25				1			1	4		
FAI-55 NORTH BOUND														
STA 1388+70 TO STA 1389+20	RT				50.0									
TOTALS				9814	100	11	18	19	6790	2	55	19	122	2

NOTE: THE LENGTH OF STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS SHALL BE CENTERED ON THE FOUNDATION.



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
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DESIGNED - M,O'BRIEN
DRAWN - M,O'BRIEN
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REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	39
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

MODEL Default
FILE NAME: I:\1382 IDOT DB Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-rht-schedule.dgn

RAMP AND CROSSROAD GUARDRAIL SCHEDULE														
LOCATION	COMMENT	LENGTH OF NEED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS - TYPE A	REMOVE IMPACT ATTENUATORS, NO SALVAGE	
			FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	EACH	
RAMP G1														
STA 2+26 TO STA 4+57 RT	SIGN TRUSS FAI-270 WB OFF FAI-55 SB	STA 2+13 TO STA 4+35	234		1			1	200.0		1	4		
RAMP G4														
STA 3+01 TO STA 4+49 RT	SIGN TRUSS FAI-55 SB OFF FAI-270 EB	STA 2+81 TO STA 4+50	148		1			1	175.0		1	4		
STA 15+85 TO STA 18+32 LT	BETWEEN RAMP G4 AND RAMP G3	STA 15+85 TO STA 18+32		148.0					168.1	2	2	4	2	
RAMP G5														
STA 0+00 TO STA 5+04 RT	SIGN TRUSS FAI-55 NB OFF FAI-270 WB	STA 879+33 TO STA 4+79	504		1				186.9			5		
STA 12+79 TO STA 15+25 LT	BETWEEN RAMP G5 AND RAMP G6	STA 12+79 TO STA 15+25		148.0					94.6	2	2	4	2	
RAMP G6														
STA 11+74 TO STA 13+26 RT	FAI-55 UNDERPASS	STA 11+62 TO STA 13+64	152			1		1	330.9		1	4		
RAMP G7														
STA 0+00 TO STA 1+59 RT	SIGN TRUSS FAI-55 NB OFF FAI-270 EB	STA 860+56 TO STA 1+73	160		1				178.8			4		
STA 12+89 TO STA 15+45 RT	ACROSS-ROAD CULVERT INSIDE	STA 12+22 TO STA 1389+77	286					1	525.3		1	5		
STAUNTON ROAD														
STA 20+22 TO STA 21+51 RT	SOUTHBOUND APPROACH	STA 20+09 TO STA 21+88	129				1	1	96.3		1	4		
STA 20+59 TO STA 21+51 LT	NORTHBOUND DEPART	STA 20+46 TO STA 21+88	92				1	1	66.8		1	4		
STA 24+48 TO STA 25+29 RT	SOUTHBOUND DEPART	STA 24+11 TO STA 25+42	81				1	1	115.4		1	4		
STA 24+48 TO STA 25+85 LT	NORTHBOUND APPROACH	STA 24+11 TO STA 25+97	137				1	1	186.6		1	4		
RIGGIN ROAD														
STA 26+45 TO STA 27+93 RT	SOUTHBOUND APPROACH	STA 26+32 TO STA 28+25	148				1	1	189.3		1	4		
STA 26+79 TO STA 27+88 LT	NORTHBOUND DEPART	STA 26+66 TO STA 28+21	109				1	1	115.4		1	4		
STA 31+06 TO STA 32+37 LT	NORTHBOUND APPROACH	STA 30+67 TO STA 32+50	131				1	1	191.0		1	4		
STA 31+11 TO STA 32+25 RT	SOUTHBOUND DEPART	STA 30+73 TO STA 32+37	114				1	1	116.3		1	4		
TOTALS			2425	296	4	1	8	12	2937	4	16	66	4	

NOTE: THE LENGTH OF STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS SHALL BE CENTERED ON THE FOUNDATION.



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME	= mobrien
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 6/17/2020

DESIGNED -	M,O'BRIEN
DRAWN -	M,O'BRIEN
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S	SHEET 10	OF 13	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	40
			CONTRACT NO. 76H84	
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

MODEL Default
FILE NAME: I:\1982 IDOT DB Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-rht-schedule.dgn

PAVEMENT MARKING SCHEDULE OF QUANTITIES																			
LOCATION	PREFORMED PLASTIC PM, TY B - INLAID - LINE 6"				PREFORMED PLASTIC PM, TY B - LINE 8"		PREFORMED PLASTIC PM, TY B - LINE 12"	PREFORMED PLASTIC PM, TY B	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"			DELINEATORS			DELINEATOR REMOVAL	SHOULDER RUMBLE STRIPS, 16 INCH	RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
	SOLID YELLOW	30'-10' SKIP DASH WHITE	9'-3' SKIP DASH WHITE	SOLID WHITE	9'-3' SKIP DASH WHITE	SOLID WHITE	SOLID WHITE (CHEVRONS)	LETTERS AND SYMBOLS WHITE	SOLID YELLOW	30'-10' SKIP DASH WHITE	SOLID WHITE	SINGLE CRYSTAL	DOUBLE CRYSTAL	SINGLE AMBER			CRYSTAL	AMBER	
	FOOT				FOOT		FOOT	SQ FT	FOOT			EACH	EACH	EACH		EACH	FOOT	EACH	
FAI-70 EASTBOUND																			
STA 891+11 TO STA 904+96		346.3		1385.0		685.0						5			5	1485	113		113
STA 904+96 TO STA 949+69	3684.0	1185.5		4473.0		1327.0		22.5				23			23	8103	147	68	181
STA 949+69 TO STA 964+99	1530.0	810.0	137.5	1530.0				12.1				4			4	3060	83		83
FAI-70 WESTBOUND																			
STA 892+40 TO STA 900+58	818.0	204.5	115.8	818.0	118.3			3.5					7		7	1173	19	7	23
STA 900+58 TO STA 910+74	987.0	254.0		569.0		473.0		6.9				5			5	1555	38		38
STA 910+45 TO STA 915+59									482.0	117.5	460.0						13		13
STA 915+44 TO STA 953+76	3848.0	1127.0		3314.0		1855.0	805.0	15.6				14			14	7169	174		174
STA 953+76 TO STA 964+94	1118.0	401.3		1118.0				6.9				5			5	2236	84		84
FAI-70																			
RT STA 965+00 TO STA 985+44	2044.0	810.8	211.3	2044.0				10.4				6			6	4088	80		80
RT STA 985+44 TO STA 995+99	1055.0	263.8		1055.0				5.2				3			3	2110	27		27
RT STA 995+99 TO STA 997+49									149.0	37.3	149.0						4		4
RT STA 997+49 TO STA 1028+45	3096.0	774.0		3096.0				17.3				7			7	6192	77		77
LT STA 965+00 TO STA 995+92	3092.0	773.0		3092.0				20.8				8			8	6184	77		77
LT STA 995+92 TO STA 997+41									149.0	37.3	149.0						4		4
LT STA 997+41 TO STA 1028+45	3104.0	776.0		3104.0				19.0				8			8	5444	77		77
FAI-270 EASTBOUND																			
STA 860+65 TO STA 861+73				108.0													6		6
STA 879+78 TO STA 888+21	843.0	210.8				843.0										843	38		38
FAI-270 WESTBOUND																			
STA 882+28 TO STA 887+27		124.8		499.0		499.0										499	39		39
RAMP G1																			
STA 3+44 TO STA 21+44	1593.0			1800.0		314.0						14	4	15	33		39	38	58
RAMP G3																			
STA 7+41 TO STA 22+58	1485.0			1517.0		98.0						35		32	67		14	36	32
RAMP G4																			
STA 0+00 TO STA 34+24	2343.0			3424.0	65.5	847.0						15	7	24	46		56	15	64
RAMP G5																			
STA 0+41 TO STA 23+01	1648.0			2260.0	51.0	428.0						14	2	19	35		46	23	58
RAMP G6																			
STA 2+33 TO STA 13+54	973.0			1121.0		214.0						3	1	23	27		11	23	23
RAMP G7																			
STA 0+00 TO STA 15+58	1359.0			1666.0		201.0						32	5	32	69		16	13	23
COLOR SUB-TOTALS	34620.0	8061.7	464.6	37993.0	234.8	7784.0	805.0	140.1	780.0	192.0	758.0	201	26	145	372	50141	1282	223	1394
TOTALS	81139				8019		805	140	1730			372			372	50141	1505		

NOTES:

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL WAS ESTIMATED USING ALL PROPOSED QUANTITY FOR CRYSTAL AND HALF OF THE AMBER.

GROOVING REQUIRED FOR PLACEMENT OF PREFORMED PLASTIC PAVEMENT MARKINGS; SHALL BE PAID FOR AS GROOVING FOR RECESSED PAVEMENT MARKING



HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = mobrien
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - M.O'BRIEN
DRAWN - M.O'BRIEN
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	41
CONTRACT NO. 76H84				
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

MODEL Default
FILE Name: I:\1982 IDOT DB Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-rht-schedule.dgn

TEMPORARY TRAFFIC CONTROL SCHEDULE OF QUANTITIES																	
LOCATION	SHORT TERM PAVEMENT MARKING			SHORT TERM PM REMOVAL SQ FT	TEMPORARY PAVEMENT MARKING - LINE 6"				TEMPORARY PM - LINE 8"		TEMPORARY PM REMOVAL SQ FT	TEMPORARY CONCRETE BARRIER FOOT	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL) EACH	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3 EACH	RELOCATE TEMPORARY CONCRETE BARRIER FOOT	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE) TEST LEVEL 3 EACH	TEMPORARY RAMP SQ YD
	SOLID YELLOW	36'-4' SKIP DASH WHITE	SOLID WHITE		SOLID YELLOW	30'-10' SKIP DASH WHITE	9'-3' SKIP DASH WHITE	SOLID WHITE	9'-3' SKIP DASH WHITE	SOLID WHITE							
FAI-55 SB RAMP & IL 143													1				
IL-143 & IL 4													1				
IL-4 & FAI-70 WB RAMP													1				
FAI-70 EASTBOUND																	
STA 891+11 TO STA 904+96		692.6	414.0	368.9		346.3		1385.0		685.0	1322.3						65
STA 904+96 TO STA 949+69	736.8	2371.0	1160.0	1422.6	3684.0	1185.5		4473.0		1327.0	5555.9	269.0					
STA 949+69 TO STA 964+99	306.0	1620.0	306.0	744.0	1530.0	810.0	137.5	1530.0			2003.8	2169.0		1	1276.0	1	
FAI-70 WESTBOUND																	
STA 892+40 TO STA 900+58	163.6	409.0	163.6	245.4	818.0	204.5	115.8	818.0	118.3		1057.0						107
STA 900+58 TO STA 910+74	197.4	508.0	208.4	304.6	987.0	254.0		569.0		473.0	1220.3						240
STA 910+74 TO STA 915+44	96.4	235.0	92.0	141.1	482.0	117.5		460.0			529.8						
STA 915+44 TO STA 953+76	769.6	2254.0	1033.8	1352.5	3848.0	1127.0		3314.0		1855.0	5381.2						169
STA 953+76 TO STA 964+94	223.6	802.5	223.6	416.6	1118.0	401.3		1118.0			1318.6	638.0		1	1276.0	1	
FAI-70																	
RT STA 965+00 TO STA 985+44	408.8	1621.6	408.8	813.1	2044.0	810.8	211.3	2044.0			2555.0	2039.0					
RT STA 985+44 TO STA 995+99	211.0	527.6	211.0	316.5	1055.0	263.8		1055.0			1186.9						113
RT STA 995+99 TO STA 997+49	29.8	74.5	29.8	44.7	149.0	37.3		149.0			167.6						
RT STA 997+49 TO STA 1028+45	619.2	1548.0	619.2	928.8	3096.0	774.0		3096.0			3483.0	638.0		1	1276.0	1	225
RT STA 1087+50 TO STA 1090+25												275.0		1	275.0	1	
LT STA 965+00 TO STA 995+92	618.4	1546.0	618.4	927.6	3092.0	773.0		3092.0			3478.5						113
LT STA 995+92 TO STA 997+41	29.8	74.5	29.8	44.7	149.0	37.3		149.0			167.6						
LT STA 997+41 TO STA 1028+45	620.8	1552.0	620.8	931.2	3104.0	776.0		3104.0			3492.0						225
LT STA 1087+85 TO STA 1090+60												275.0		1	275.0	1	
FAI-270 EASTBOUND																	
STA 860+65 TO STA 861+73			21.6	7.2				108.0			54.0						
STA 879+78 TO STA 880+21	168.6	421.6	168.6	252.9	843.0	210.8				843.0	1088.9	898.5		1			127
FAI-270 WESTBOUND																	
STA 882+28 TO STA 887+27		249.5	199.6	149.7		124.8		499.0		499.0	644.5						175
RAMP G1																	
STA 3+44 TO STA 21+44	63.7		84.6	49.4	1593.0			1800.0		314.0	1905.8						
RAMP G3																	
STA 7+41 TO STA 22+58	59.4		64.6	41.3	1485.0			1517.0		98.0	1566.3						
RAMP G4																	
STA 0+00 TO STA 34+24	93.7		170.8	88.2	2343.0			3424.0	65.5	847.0	3491.8						
RAMP G5																	
STA 0+41 TO STA 23+01	65.9		107.5	57.8	1648.0			2260.0	51.0	428.0	2273.3						
RAMP G6																	
STA 2+33 TO STA 13+54	38.9		53.4	30.8	973.0			1121.0		214.0	1189.7						
RAMP G7																	
STA 0+00 TO STA 15+58	54.4		74.7	43.0	1359.0			1666.0		201.0	1646.5						
COLOR SUB-TOTALS	5575.8	16507.4	7084.6		35400.0	8253.7	464.6	38751.0	234.8	7784.0							
TOTALS	29168			9723	82869				8019		46780	7201.5	3	6	4378.0	5	1559

NOTES:

SHORT TERM PAVEMENT MARKINGS ARE ESTIMATED TO BE USED 5 TIMES ON THE MAINLINES AND 1 TIME ON THE RAMPS.

TEMPORARY PAVEMENT MARKINGS ARE ESTIMATED TO BE USED ONLY ONCE ON THE FINAL SURFACE.

TEMPORARY RAMPS ARE ESTIMATED TO BE USED 3 TIMES ON THE MAINLINE (2" HEIGHT, 4" HEIGHT, 2" HEIGHT) AT THE ENDS AND AT THE STRUCTURES.

HMG

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED - M.O'BRIEN	REVISED -
	DRAWN - M.O'BRIEN	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	42
CONTRACT NO. 76H84				
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

MODEL Default
FILE Name: I:\1382 IDOT DB Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-shc-schedule.dgn

HMG
Engineers • Surveyors

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

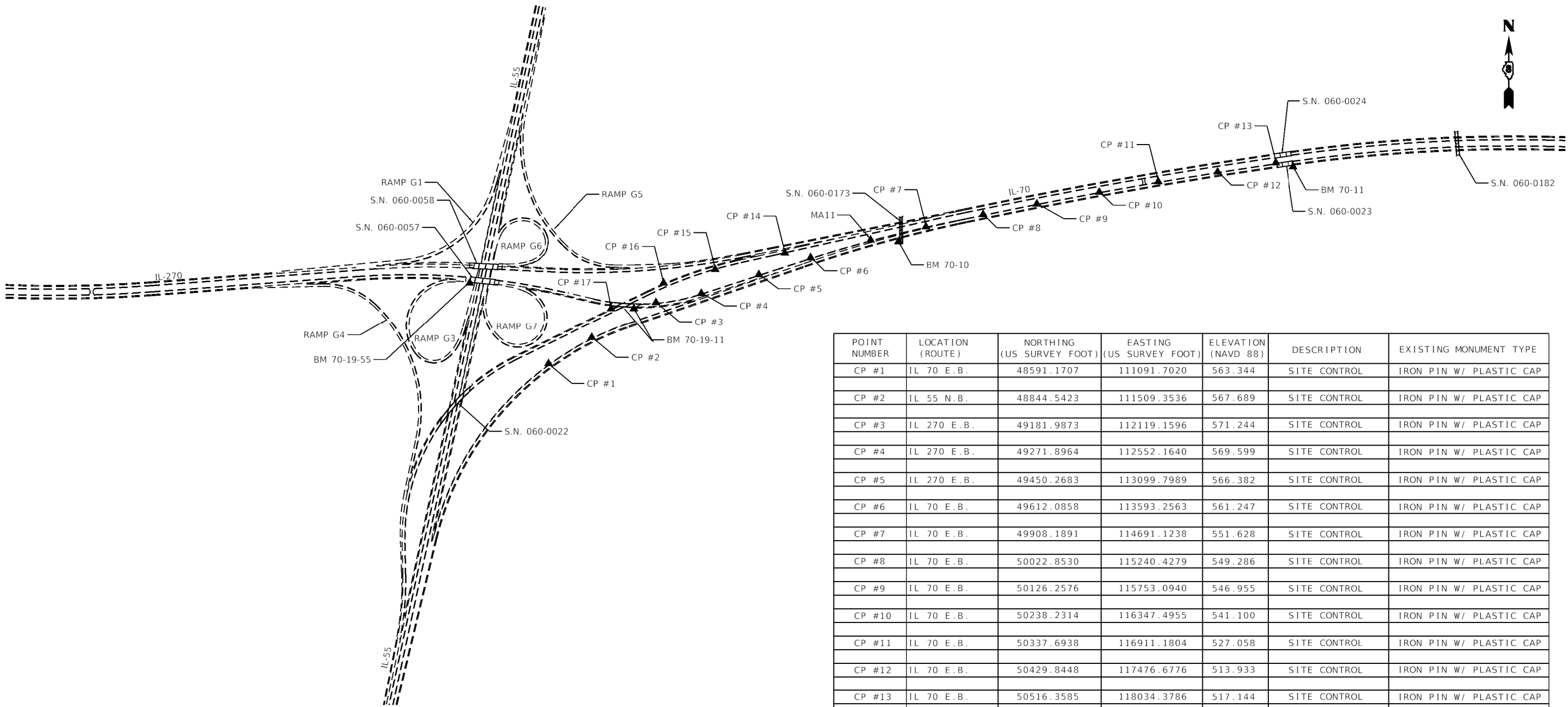
SCHEDULES OF QUANTITIES

SCALE: N.T.S SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	43
			CONTRACT NO. 76H84	
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

SIGN SCHEDULE

LOCATION		DESCRIPTION	REMOVE SIGN PANEL - TYPE 2	REMOVE SIGN PANEL - TYPE 3	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3
STATION	DIRECTION		SQ FOOT	SQ FOOT	SQ FOOT	SQ FOOT
FAI-55						
1305+30.00	SB	GUIDE SIGN		123.5		123.5
1289+78.00	SB	GUIDE SIGN - LODGING		200.0		200.0
1321+92.00	NB	GUIDE SIGN		256.5		
1321+69.00	NB	GUIDE SIGN				256.5
1281+27.00	NB	GUIDE SIGN				194.3
1281+00.00	NB	GUIDE SIGN		194.3		
1277+88.00	SB	GUIDE SIGN		199.5		
1277+70.00	SB	GUIDE SIGN				199.5
1268+66.00	SB	GUIDE SIGN		538.0		538.0
FAI-70						
892+58.00	WB	GUIDE SIGN - LODGING		200.0		200.0
899+00.00	WB	GUIDE SIGN		123.5		123.5
902+94.00	EB	GUIDE SIGN		590.0		590.0
953+52.00	WB	GUIDE SIGN		511.3		511.3
975+20.00	WB	GUIDE SIGN		394.0		357.8
999+87.00	WB	GUIDE SIGN		240.0		
1000+12.00	WB	GUIDE SIGN				240.0
1005+02.00	WB	GUIDE SIGN - HIGWAY INFO		153.0		0.0
1006+06.00	EB	GUIDE SIGN		112.0		112.0
FAI-270						
842+00.00	EB	GUIDE SIGN		294.8		294.8
847+26.00	EB	GUIDE SIGN		314.5		314.5
874+10.00	WB	GUIDE SIGN		327.8		312.8
RAMP G3						
5+65.00	RAMP	W13-3 (25 MPH)	12.0		12.0	
RAMP G4						
4+56.00	RAMP	W13-3 (45 MPH)	12.0		12.0	
RAMP G5						
4+84.00	RAMP	W13-3 (45 MPH)	12.0		12.0	
RAMP G6						
2+30.00	RAMP	W13-3 (25 MPH)	12.0		12.0	
		TOTALS	48	4773	48	4569

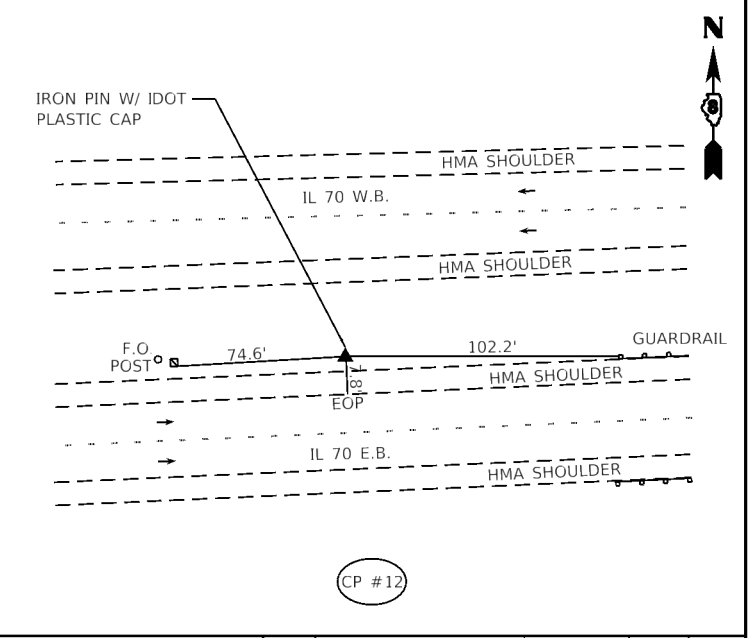
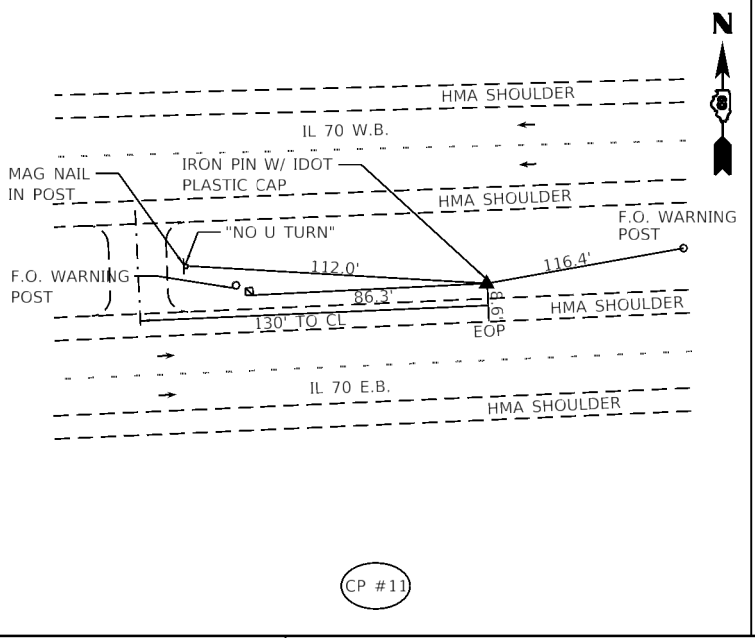
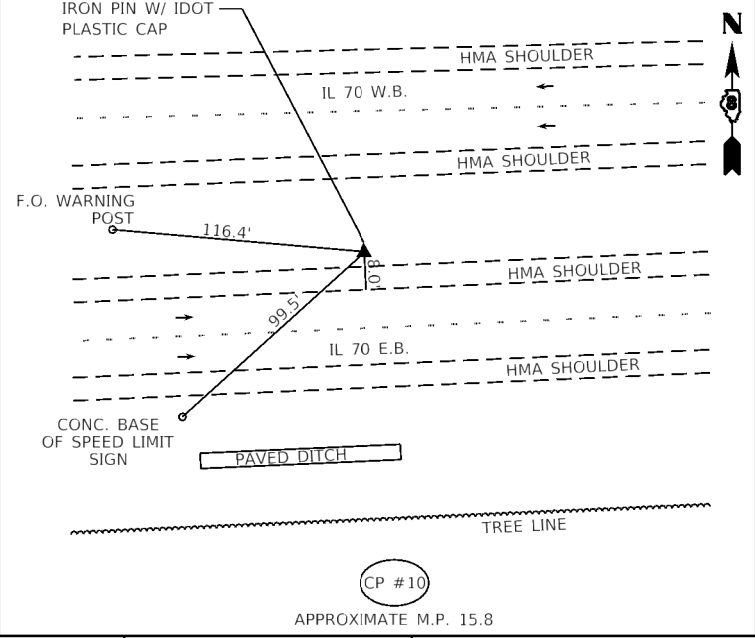
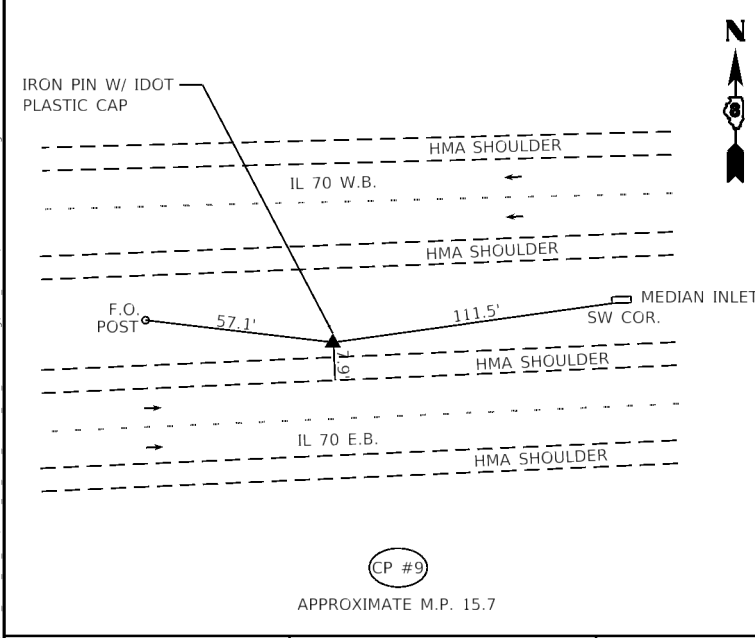
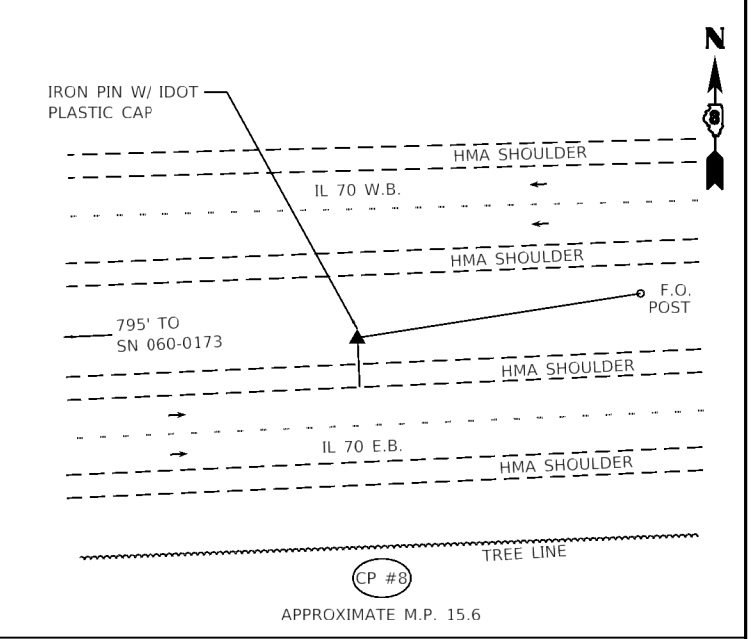
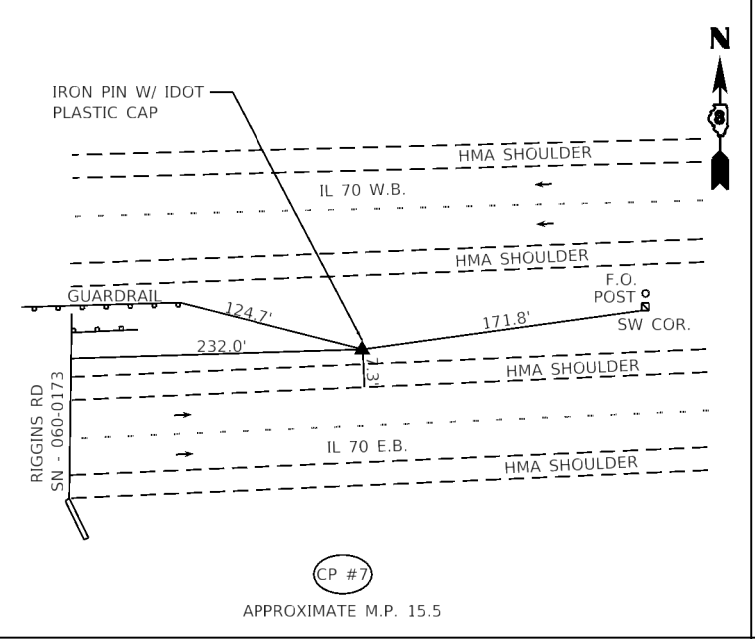
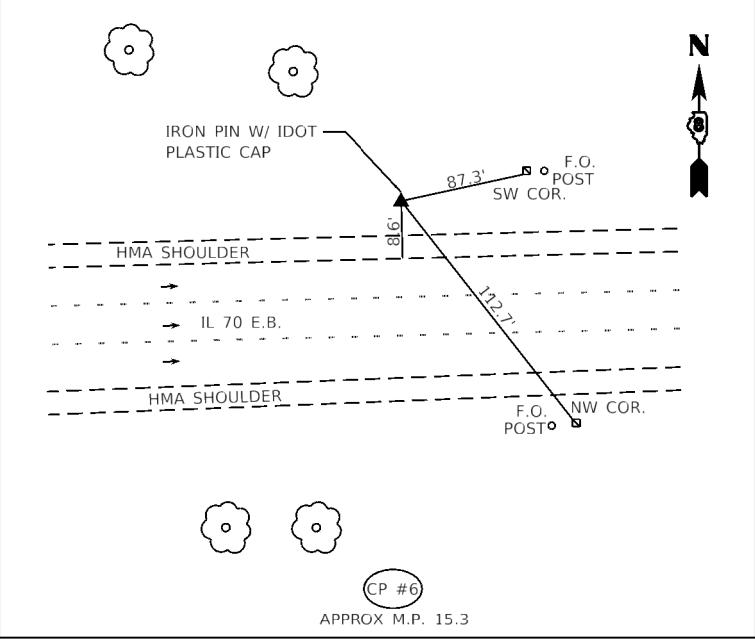
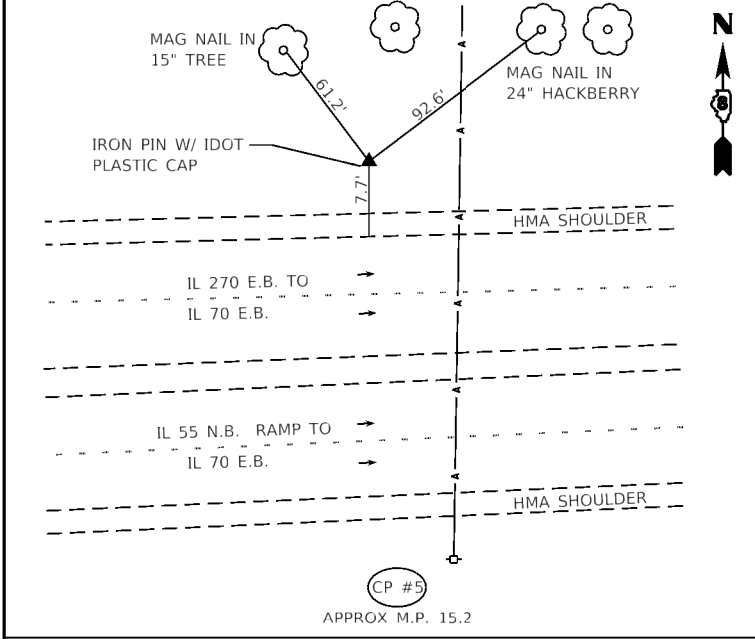
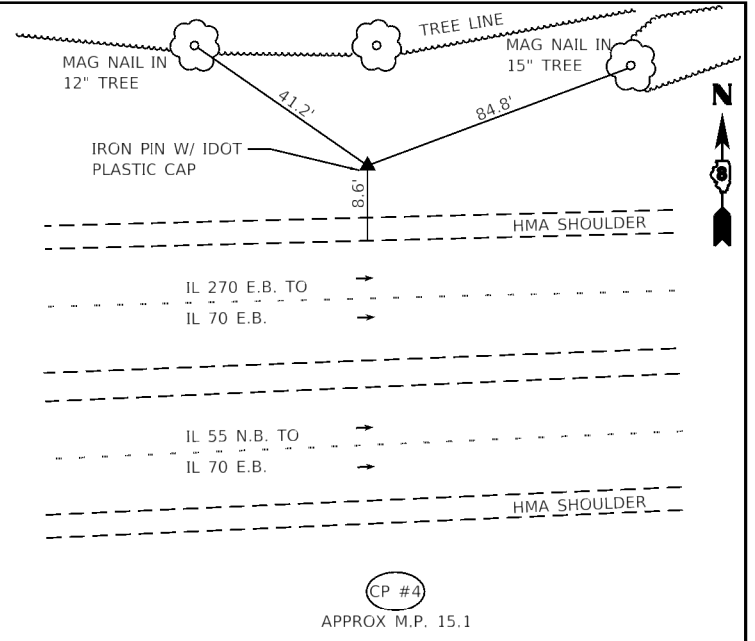
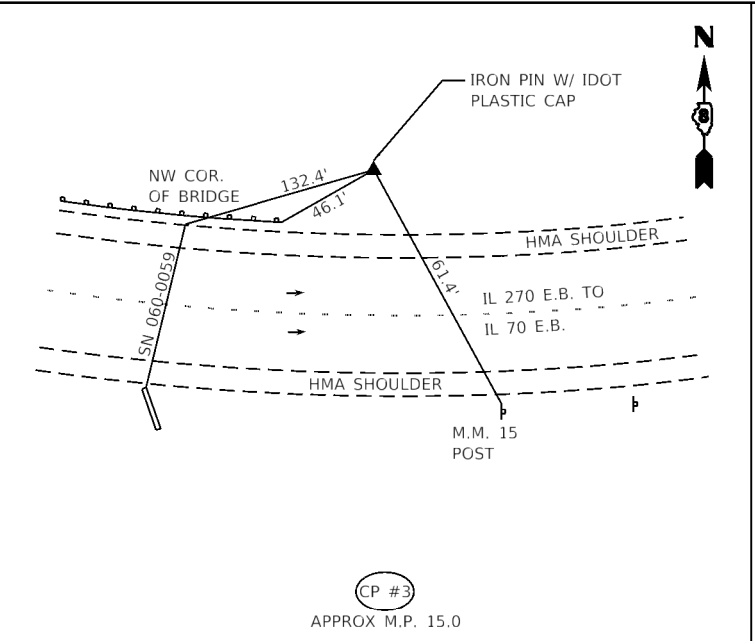
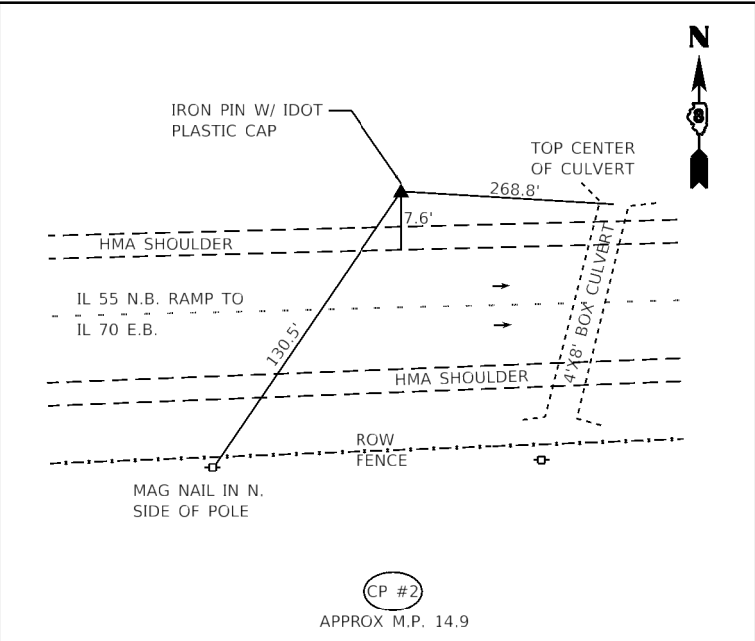
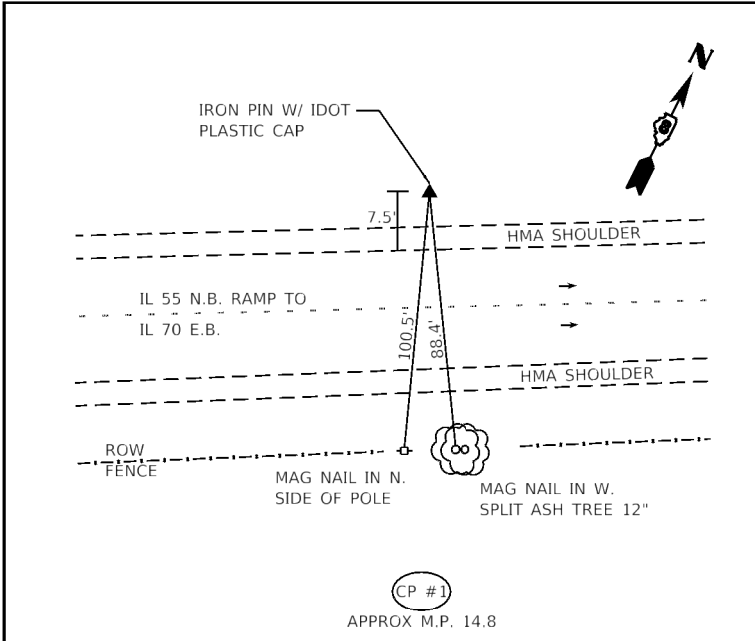


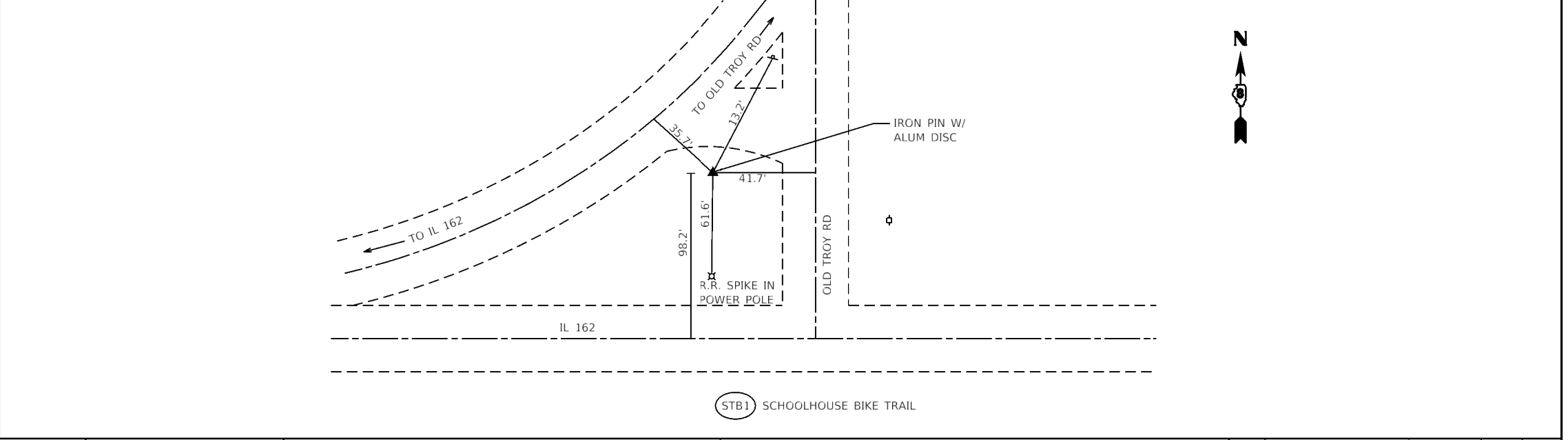
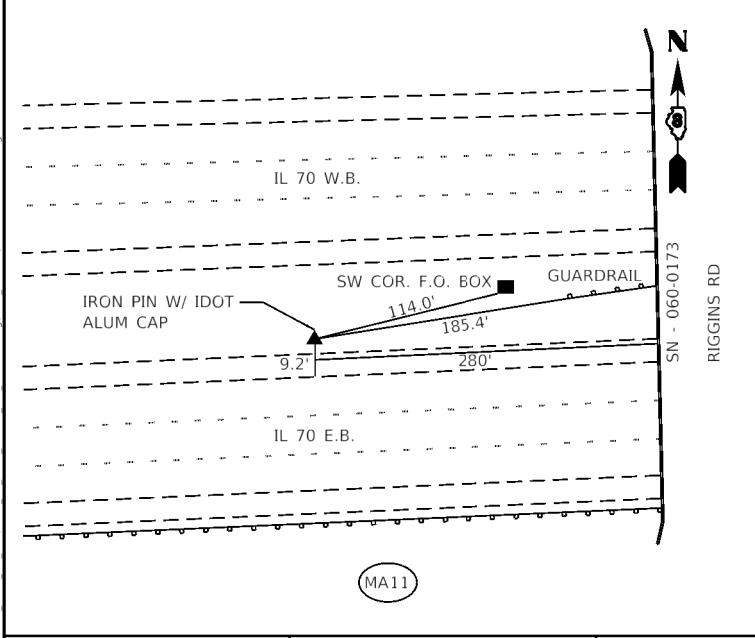
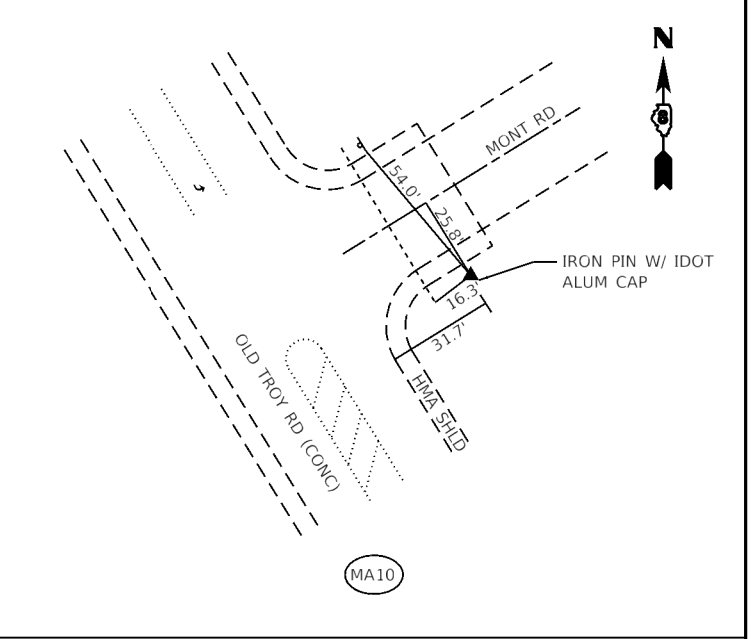
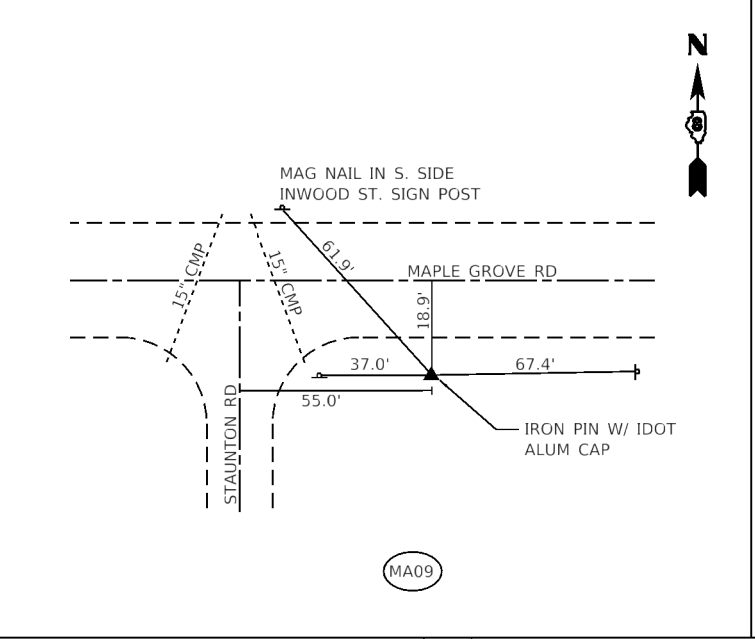
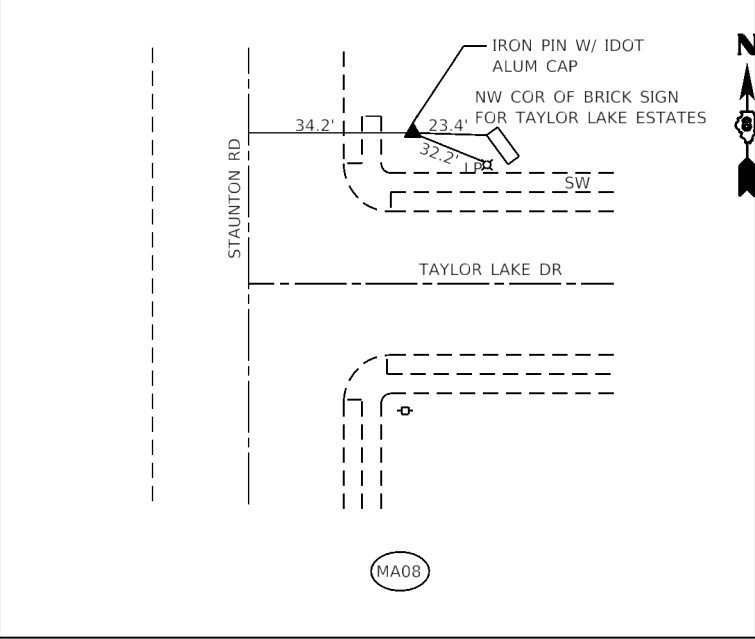
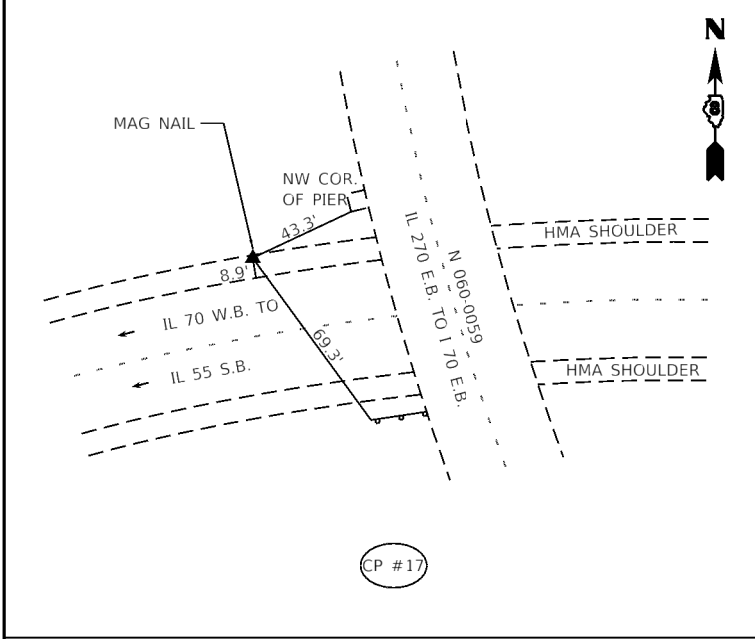
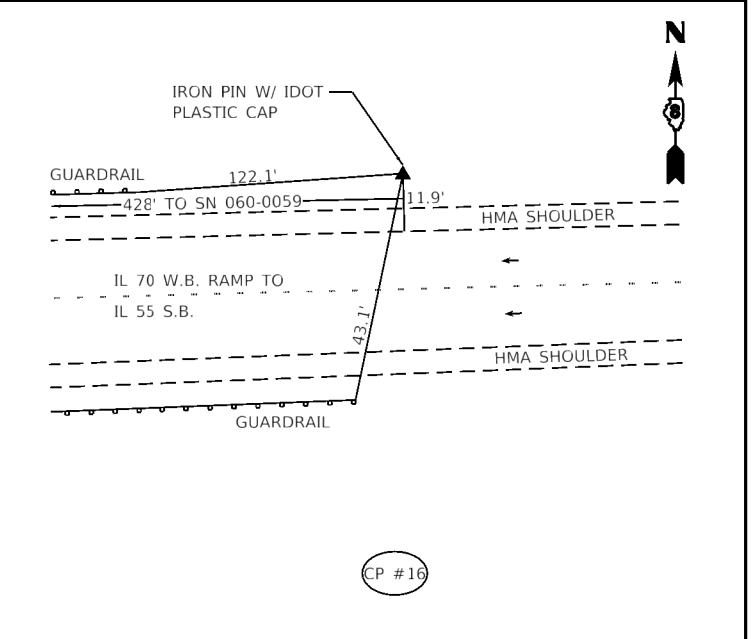
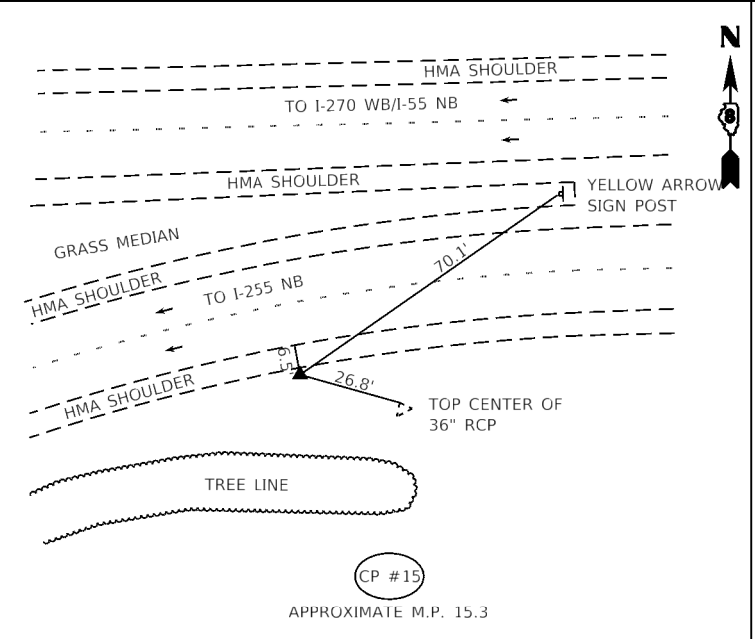
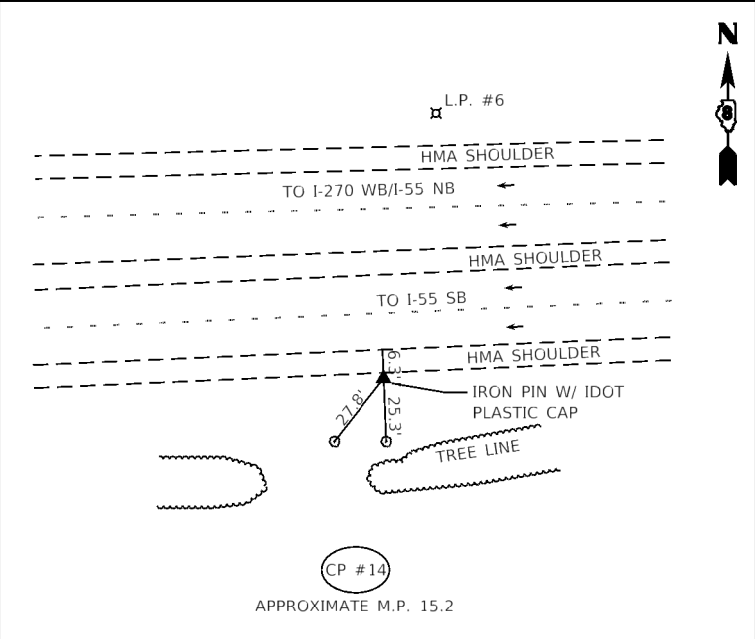
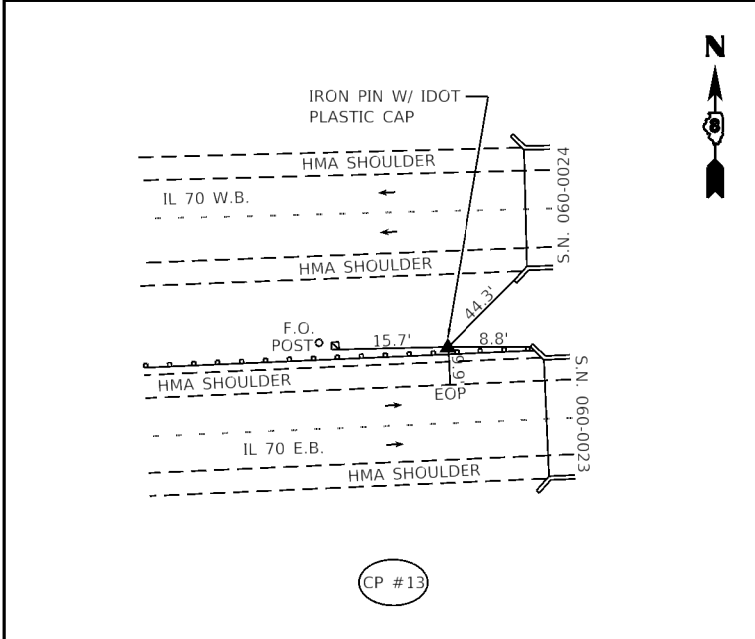
BENCHMARK I.D.	LOCATION	ELEVATION (NAVD 88)	EXISTING MONUMENT TYPE
BM 70-10	TOP CENTER OF HEADWALL OVER WEST END OF RCP CULVERT RUNNING UNDER CONCRETE SLOPE WALL UNDER RIGGIN RD. OVER PASS BRIDGE (SN 060-0173), ON THE SOUTH SIDE OF EASTBOUND I-70.	553.638	CUT "SQUARE"
BM 70-11	TOP OF THE SOUTHEAST CORNER OF THE PARAPET WALL EXTENSION OFF THE SOUTHEAST CORNER OF SN 060-0023 OVER WENDELL BRANCH CREEK, 0.25 MILE WEST OF STAUNTON RD OVERPASS.	521.979	CUT "SQUARE"
BM 70-19-11	TOP OF THE SOUTHWEST CORNER OF THE PARAPET WALL AT WEST END OF WALL, AT THE SOUTHEAST CORNER OF THE BRIDGE FOR I-270 EASTBOUND RAMP TO I-70 EASTBOUND (SN 060-0059) OVER I-70 WESTBOUND RAMP TO I-55/70 SOUTHBOUND.	577.571	CHISLED "SQUARE"
BM 70-19-55	TOP OF THE SOUTHWEST CORNER OF THE SOUTHWEST STEP-DOWN BRIDGE RETAINING WALL FOR THE OVERPASS BRIDGE (SN 060-0057) FOR I-270 EASTBOUND OVER I-55, SOUTHWEST OF SN 060-0057)	586.651	CUT "SQUARE"

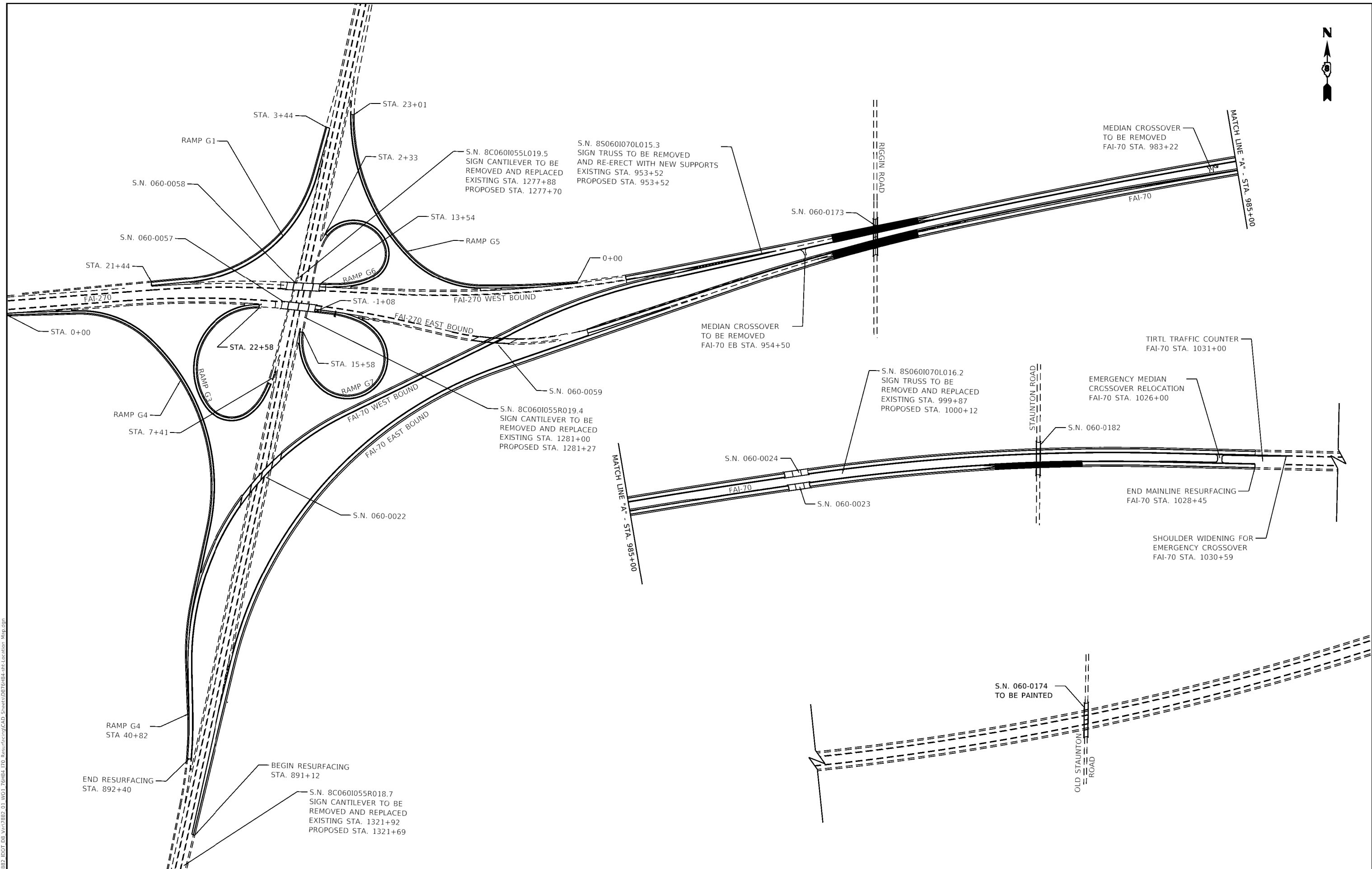
POINT NUMBER	LOCATION (ROUTE)	NORTHING (US SURVEY FOOT)	EASTING (US SURVEY FOOT)	ELEVATION (NAVD 88)	DESCRIPTION	EXISTING MONUMENT TYPE
CP #1	IL 70 E.B.	48591.1707	111091.7020	563.344	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #2	IL 55 N.B.	48844.5423	111509.3536	567.689	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #3	IL 270 E.B.	49181.9873	112119.1596	571.244	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #4	IL 270 E.B.	49271.8964	112552.1640	569.599	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #5	IL 270 E.B.	49450.2683	113099.7989	566.382	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #6	IL 70 E.B.	49612.0858	113593.2563	561.247	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #7	IL 70 E.B.	49908.1891	114691.1238	551.628	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #8	IL 70 E.B.	50022.8530	115240.4279	549.286	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #9	IL 70 E.B.	50126.2576	115753.0940	546.955	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #10	IL 70 E.B.	50238.2314	116347.4955	541.100	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #11	IL 70 E.B.	50337.6938	116911.1804	527.058	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #12	IL 70 E.B.	50429.8448	117476.6776	513.933	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #13	IL 70 E.B.	50516.3585	118034.3786	517.144	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #14	TO IL 55 S.B.	49656.3020	113347.9450	562.739	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #15	TO IL 255 N.B.	49501.2164	112684.3017	558.632	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #16	IL 70 W.B.	49369.1383	112192.0508	552.608	SITE CONTROL	IRON PIN W/ PLASTIC CAP
CP #17	IL 70 W.B.	49125.5916	111692.3130	553.703	SITE CONTROL	MAG NAIL
*MA08	STAUNTON RD	45077.6487	118291.6292	554.9090	PERIMETER CONTROL	IRON PIN W/ ALUM. CAP
*MA09	MAPLE GROVE RD	51946.8936	119838.0749	539.9357	PERIMETER CONTROL	IRON PIN W/ ALUM. CAP
*MA10	MONT RD	54254.8906	102532.3127	570.7472	PERIMETER CONTROL	IRON PIN W/ ALUM. CAP
MA11	IL 70 E.B.	49781.2328	114165.6256	555.2020	PERIMETER CONTROL	IRON PIN W/ ALUM. CAP
*SBT1	OLD TROY RD	44289.9018	104284.2387	573.9148	PERIMETER CONTROL	IRON PIN W/ ALUM. CAP

*NOT SHOWN ON LOCATIONS MAP

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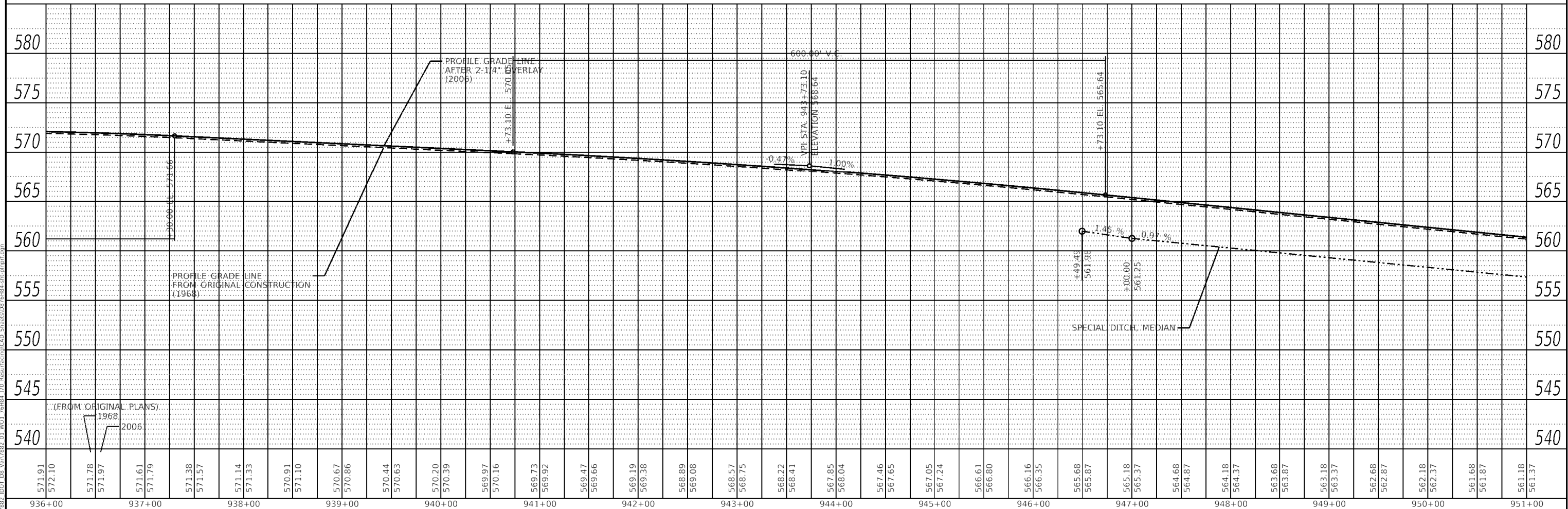
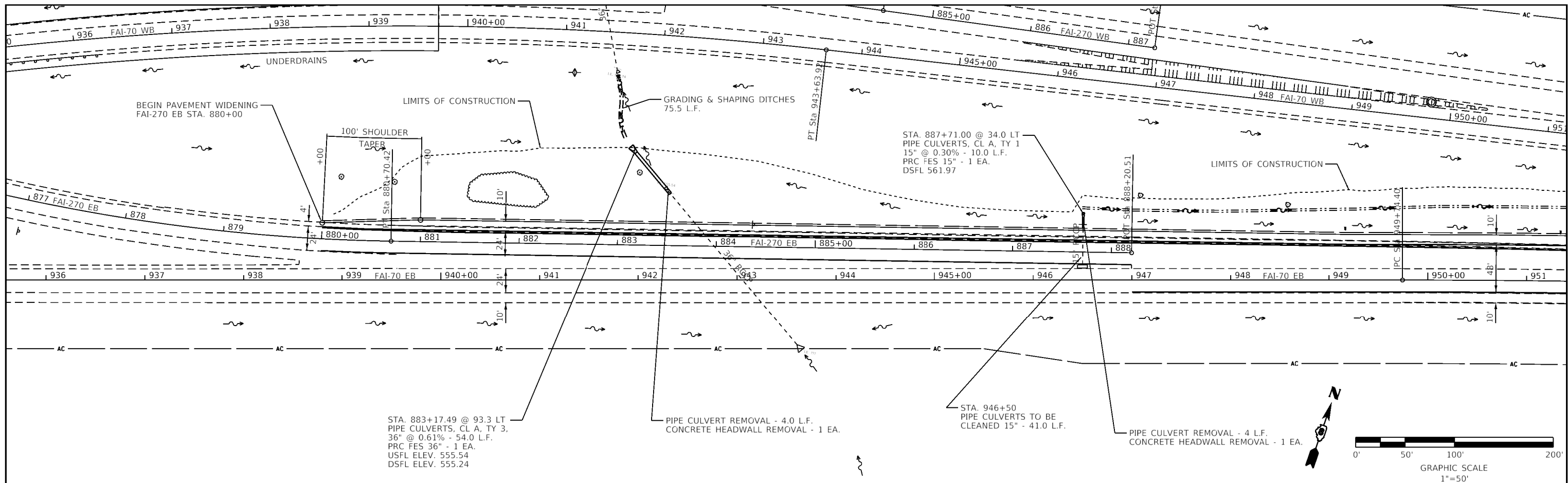




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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien		DESIGNED - T.J. KEYS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - T.J. KEYS		REVIS	REVISED -					70	60-(10-11)RS-1	MADISON	209	47
	PLOT SCALE = 600.0000" / in.		CHECKED -	REVISED -					CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020		DATE -	REVISED -		SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT NHPP-YQT9(213)		

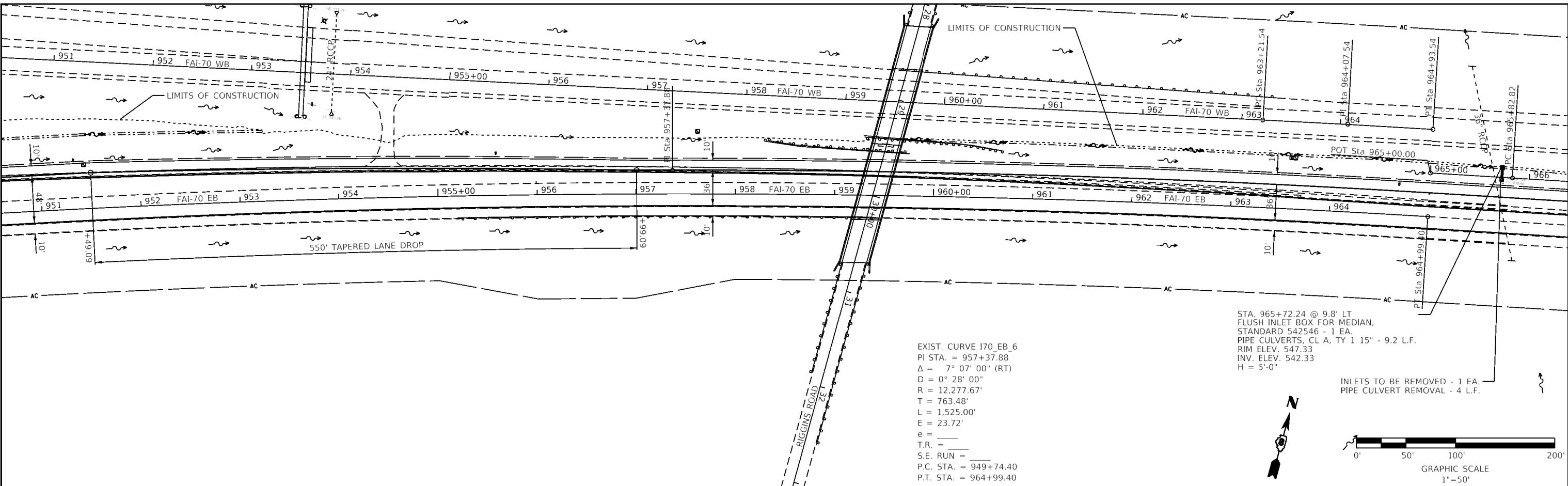
PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NOTED			
	STRUCTURE NOTATIONS CHKD			



PLAN	NO.	NOTE BOOK	SURVEYED	BY	DATE
			ALIGNED		
			CHECKED		
			FILED		
			CADD FILE NAME		

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

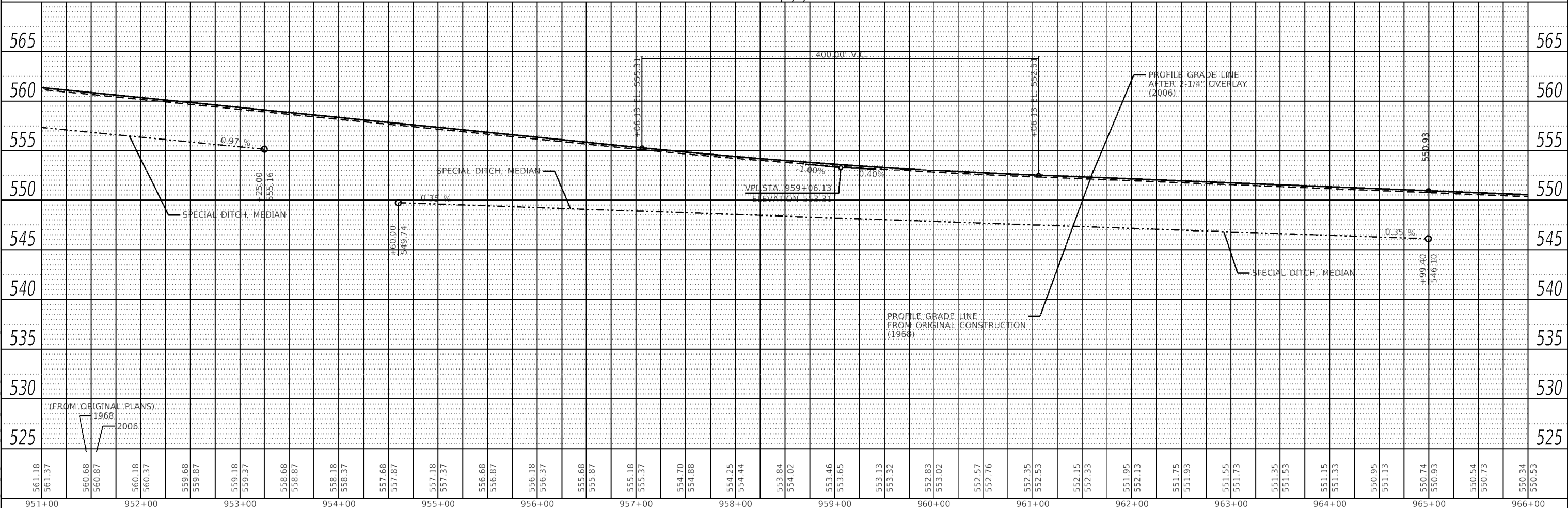
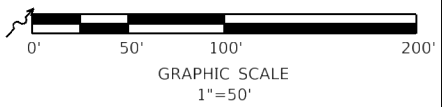
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EXIST. CURVE I70_EB_6
PI STA. = 957+37.88
 Δ = 7° 07' 00" (RT)
D = 0° 28' 00"
R = 12,277.67'
T = 763.48'
L = 1,525.00'
E = 23.72'
e =
T.R. =
S.E. RUN =
P.C. STA. = 949+74.40
P.T. STA. = 964+99.40

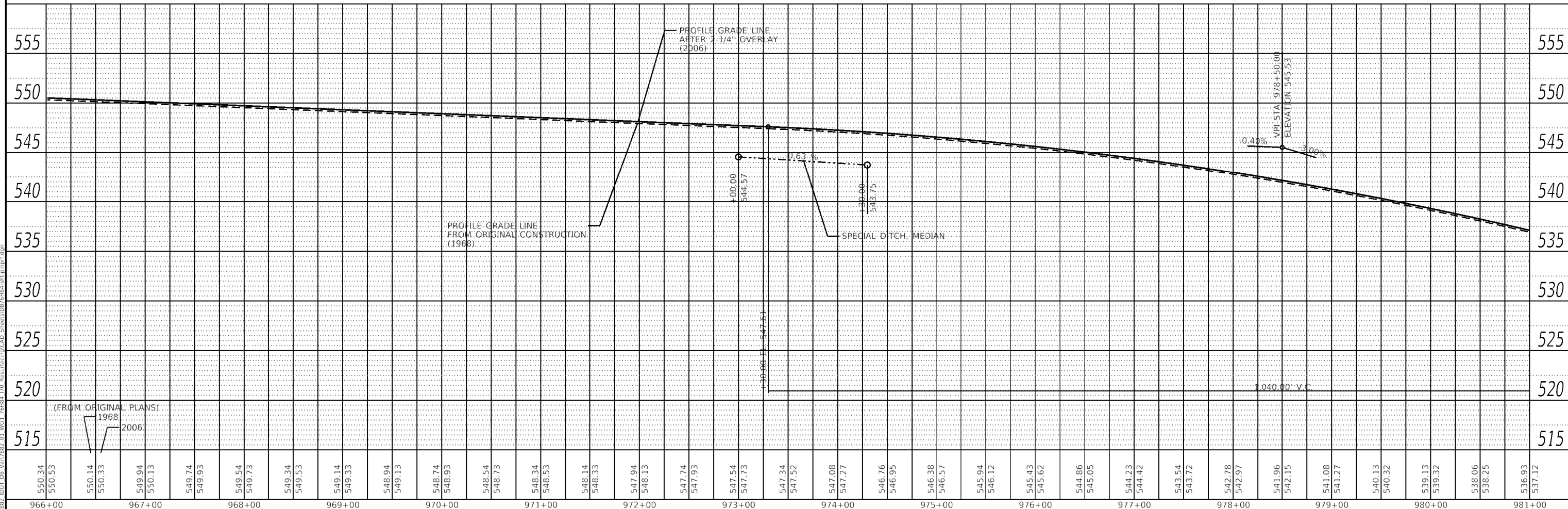
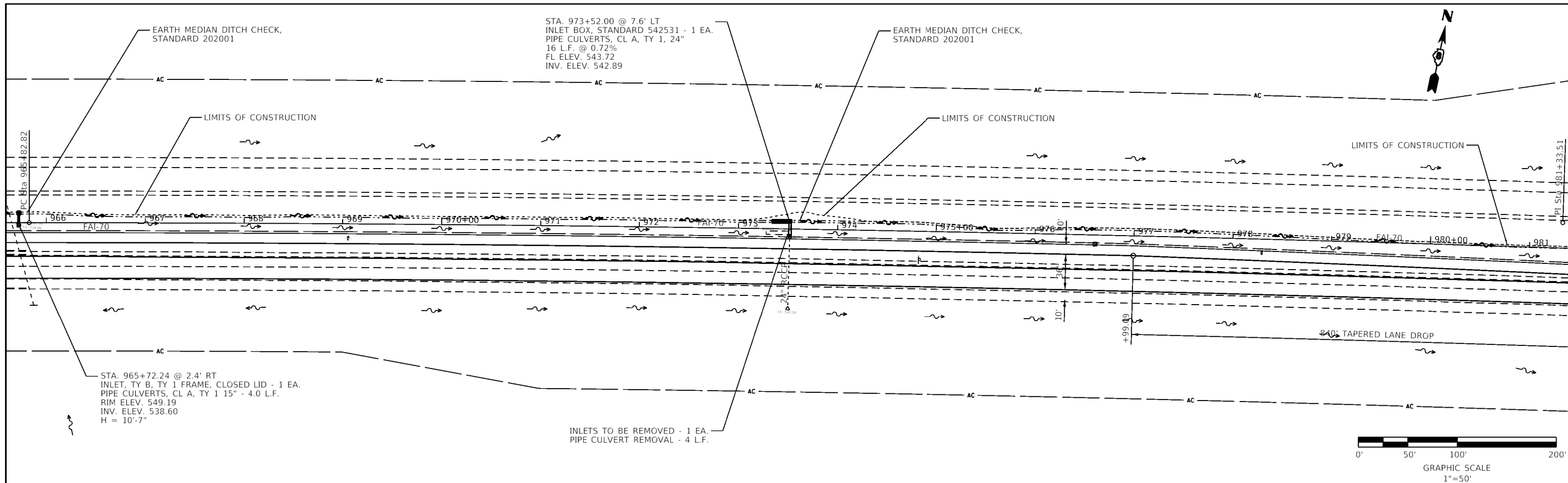
STA. 965+72.24 @ 9.8' LT
FLUSH INLET BOX FOR MEDIAN,
STANDARD 542546 - 1 EA.
PIPE CULVERTS, CL A, TY 1 15" - 9.2 L.F.
RIM ELEV. 547.33
INV. ELEV. 542.33
H = 5'-0"

INLETS TO BE REMOVED - 1 EA.
PIPE CULVERT REMOVAL - 4 L.F.

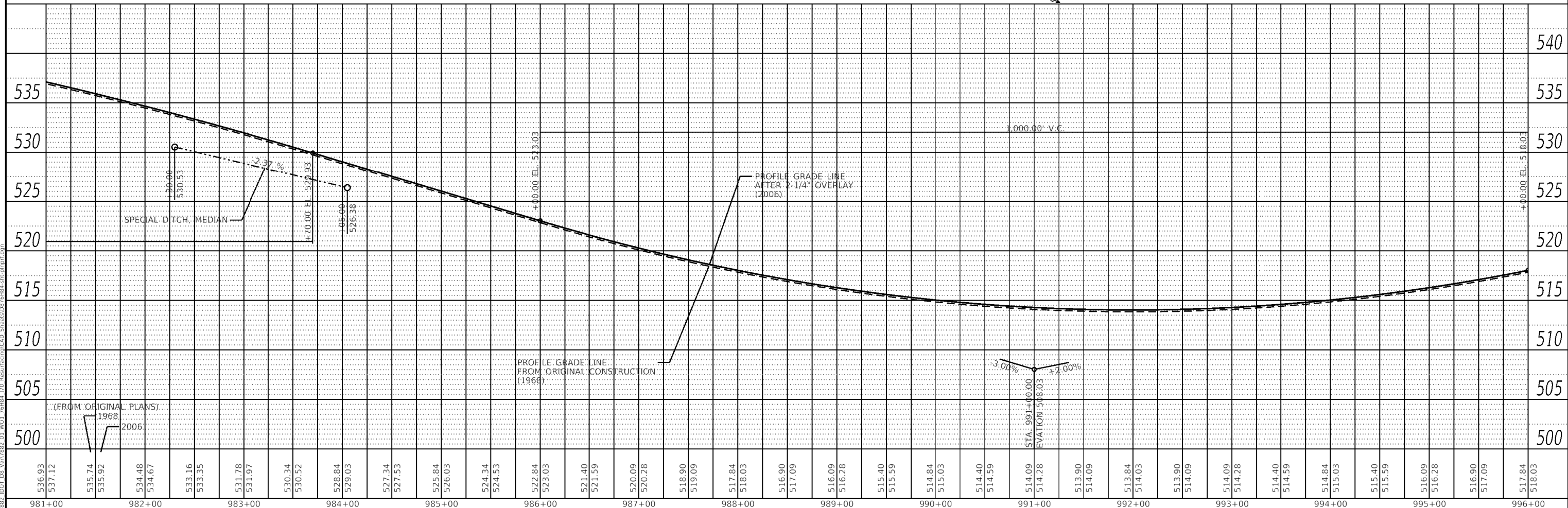
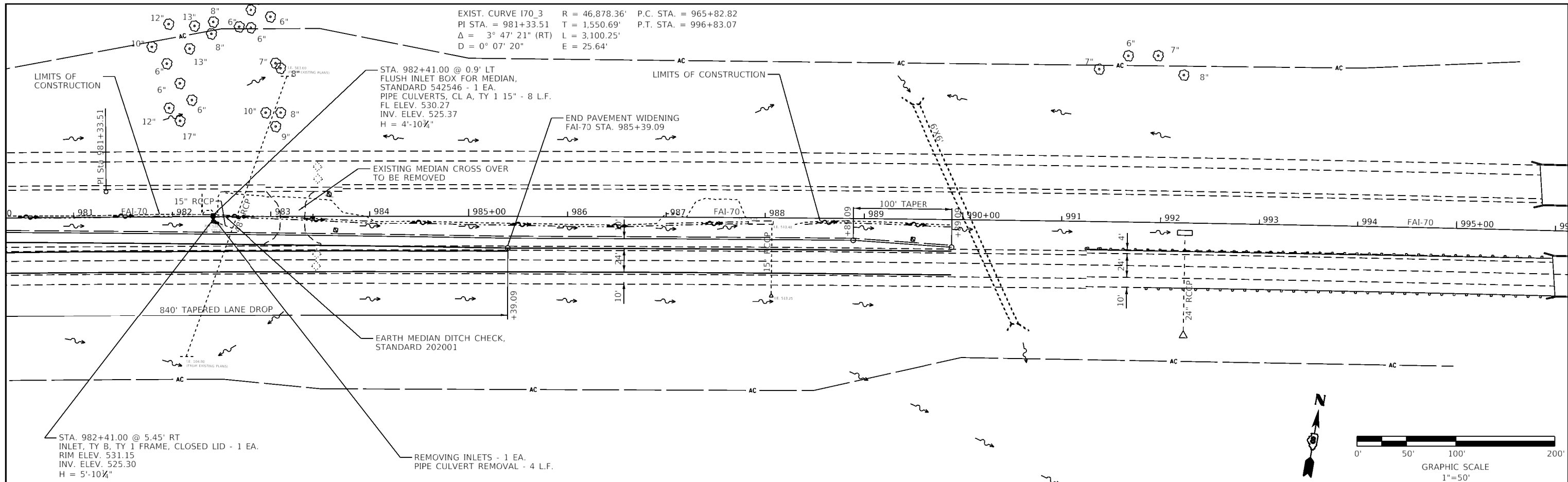


<div>HMG</div> <div>HMG ENGINEERS, INC.</div> <div>9360 HOLY CROSS LANE</div> <div>BREESE, ILLINOIS 62230</div> <div>(618) 526-9611</div> <div>IL PROF. DESIGN FIRM NO. 184.000899</div>	USER NAME = mobrien		DESIGNED - M. O'BRIEN	REVISED -
	DRAWN - M. O'BRIEN		REVISOR -	REVISED -
	PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
	PLOT DATE = 6/17/2020		DATE -	REVISED -
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				
FAI-70 EAST BOUND WIDENING				
SCALE: 1"=50'		SHEET	OF	SHEETS
STA. 951+00		TO STA. 966+00		
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	49
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

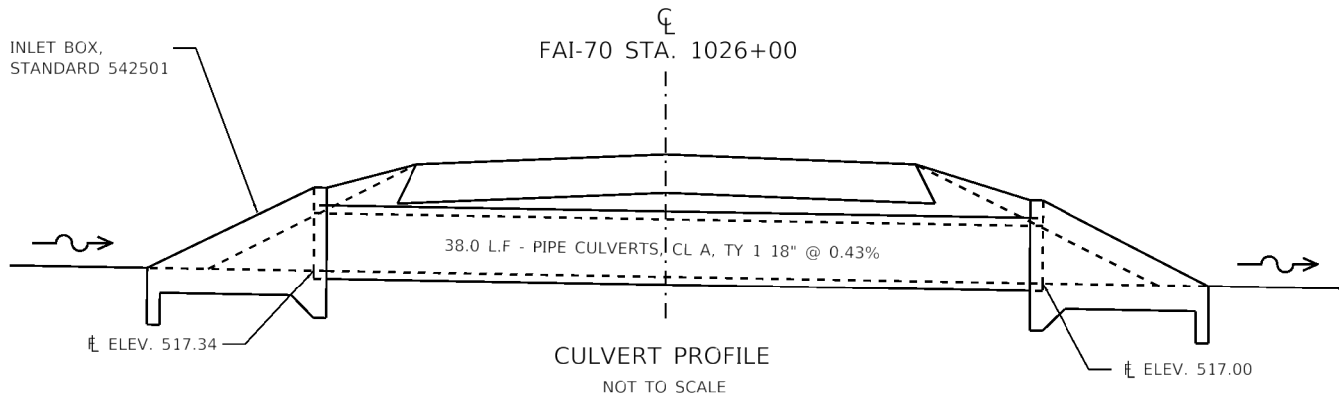
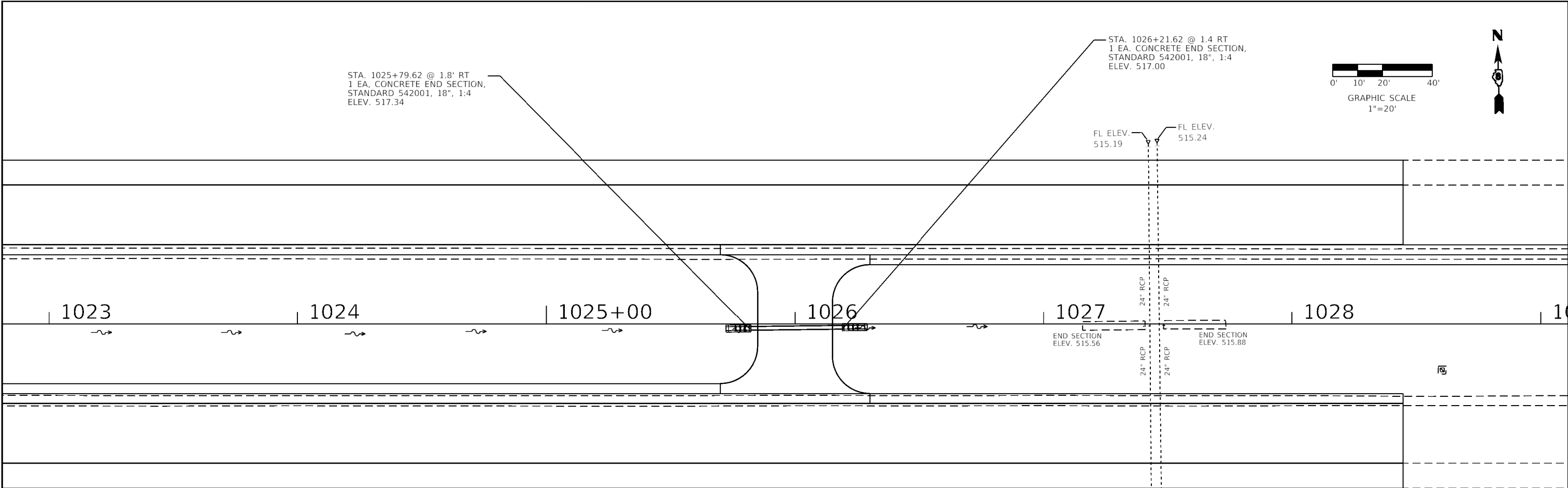
PROFILE		BY	DATE
SURVEYED _____			
PLOTTED _____			
GRADES CHECKED _____			
B.I.M. NOTED _____			
STRUCTURE NOTATIONS CHK'D _____			



PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NOTED			
	STRUCTURE NOTATIONS CHKD			

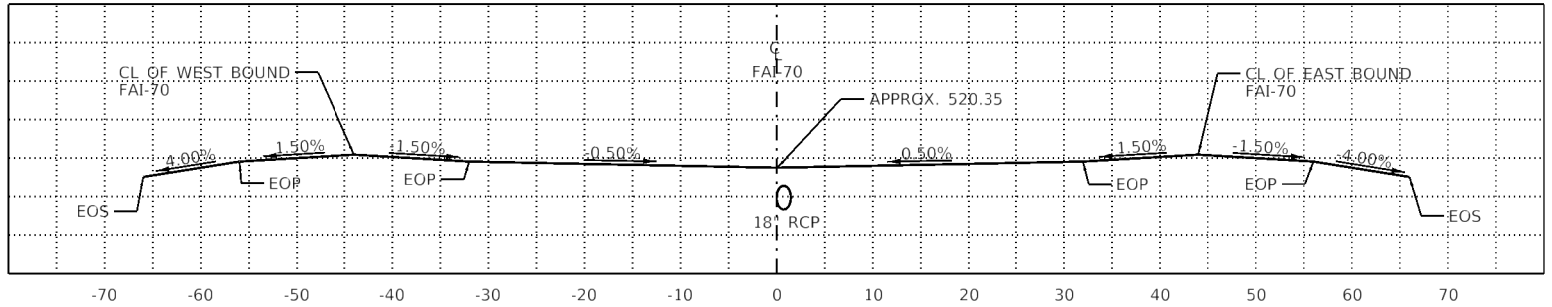
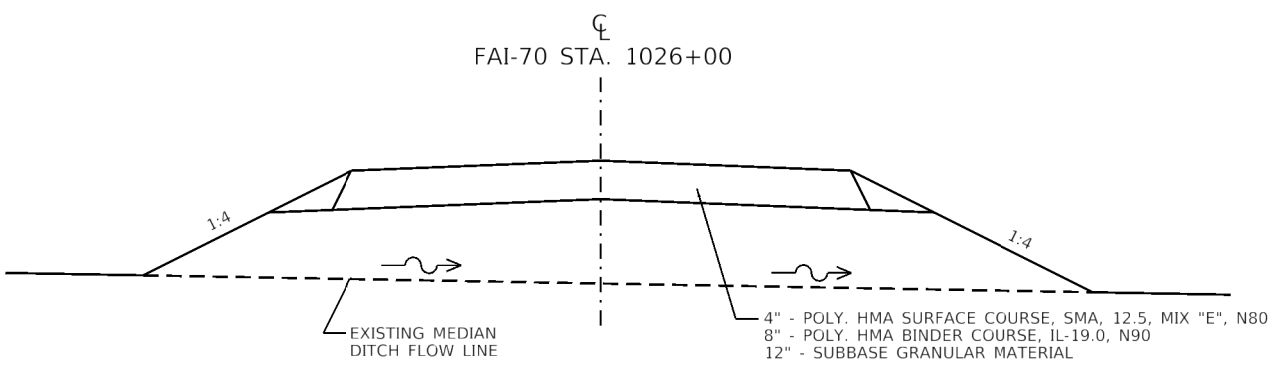


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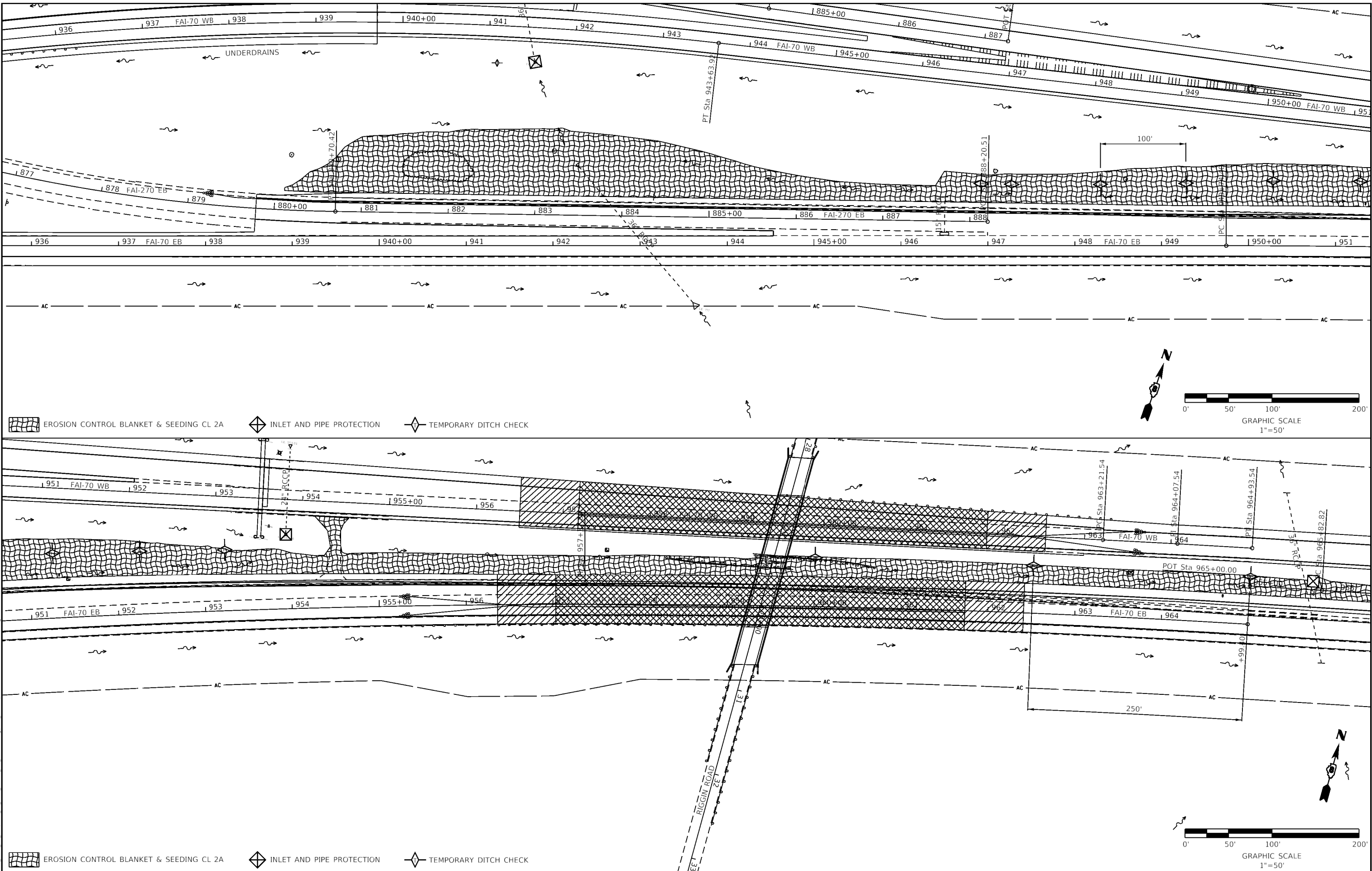
WATERWAY INFORMATION
100 YEAR ELEV. 519.04
Q100 7.6 CFS

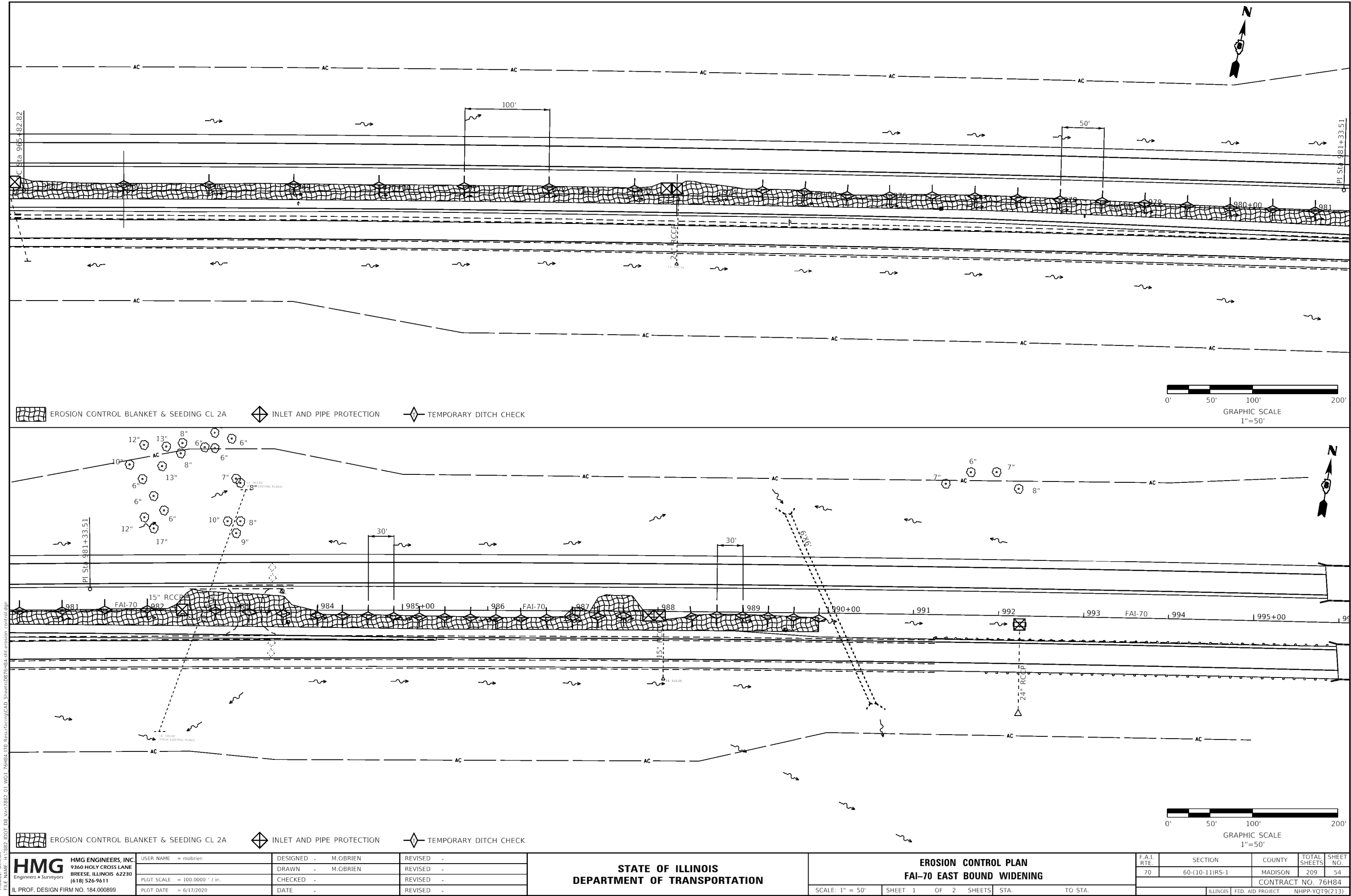
- NOTES
- 1. SEE EMERGENCY MEDIAN CROSS OVER DETAIL FOR PAVEMENT AND GEOMETRIC INFORMATION.
 - 2. CLASS 2A SEEDING SHALL AND EROSION CONTROL BLANKET SHALL BE PLACED ON PROPOSED SIDESLOPES. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE OF FURNISHED EXCAVATION.



MEDIAN CROSSOVER PROFILE
FAI-70 STA. 1026+00.00
NOT TO SCALE

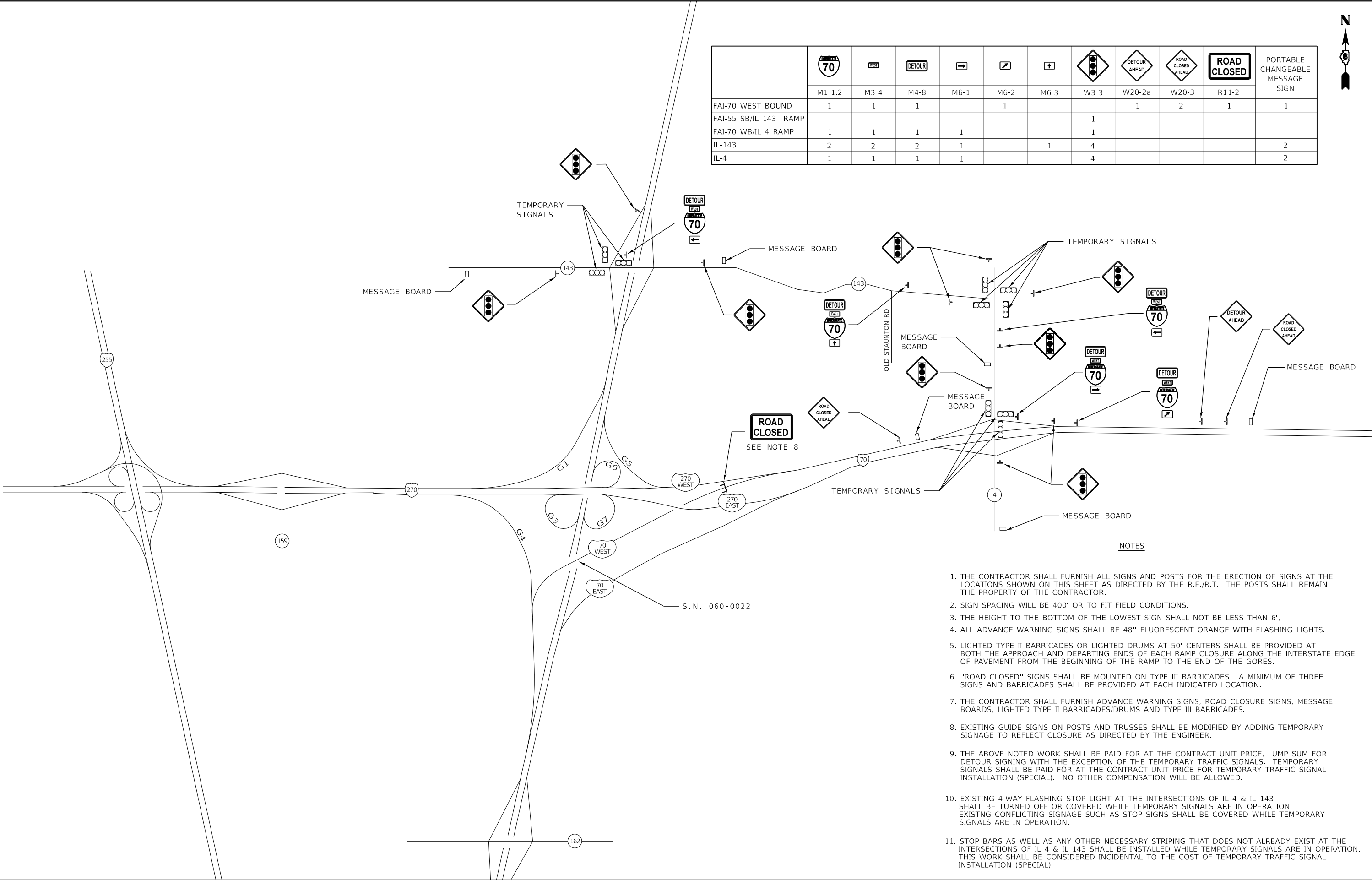
<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mabrien		DESIGNED - M. O'BRIEN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN CROSSOVER RELOCATION				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - M. O'BRIEN	REVISED -						70	60-(10-11)RS-1	MADISON	209	52
	PLOT SCALE = 40.00000' / 1"		CHECKED -	REVISED -		CONTRACT NO. 76H84								
	PLOT DATE = 6/17/2020		DATE -	REVISED -		ILLINOIS FED. AID PROJECT NHPP-YQT9(213)								
SCALE: 1" = 20'						SHEET 1	OF 1 SHEETS	STA.	TO STA.					







	M1-1.2	M3-4	M4-8	M6-1	M6-2	M6-3	W3-3	W20-2a	W20-3	R11-2		
FAI-70 WEST BOUND	1	1	1		1			1	2	1		1
FAI-55 SB/IL 143 RAMP							1					
FAI-70 WB/IL 4 RAMP	1	1	1	1			1					
IL-143	2	2	2	1		1	4					2
IL-4	1	1	1	1			4					2



NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. LIGHTED TYPE II BARRICADES OR LIGHTED DRUMS AT 50' CENTERS SHALL BE PROVIDED AT BOTH THE APPROACH AND DEPARTING ENDS OF EACH RAMP CLOSURE ALONG THE INTERSTATE EDGE OF PAVEMENT FROM THE BEGINNING OF THE RAMP TO THE END OF THE GORES.
6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.
7. THE CONTRACTOR SHALL FURNISH ADVANCE WARNING SIGNS, ROAD CLOSURE SIGNS, MESSAGE BOARDS, LIGHTED TYPE II BARRICADES/DRUMS AND TYPE III BARRICADES.
8. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.
9. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING WITH THE EXCEPTION OF THE TEMPORARY TRAFFIC SIGNALS. TEMPORARY SIGNALS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL). NO OTHER COMPENSATION WILL BE ALLOWED.
10. EXISTING 4-WAY FLASHING STOP LIGHT AT THE INTERSECTIONS OF IL 4 & IL 143 SHALL BE TURNED OFF OR COVERED WHILE TEMPORARY SIGNALS ARE IN OPERATION. EXISTNG CONFLICTING SIGNAGE SUCH AS STOP SIGNS SHALL BE COVERED WHILE TEMPORARY SIGNALS ARE IN OPERATION.
11. STOP BARS AS WELL AS ANY OTHER NECESSARY STRIPING THAT DOES NOT ALREADY EXIST AT THE INTERSECTIONS OF IL 4 & IL 143 SHALL BE INSTALLED WHILE TEMPORARY SIGNALS ARE IN OPERATION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL).

MODEL Default
FILE Name: 101882_IDOT_DB_Van7882_01_W01_76H84_170_Resurfacing\CAD_Sheets\0876H84-rht-detour.dgn

HMG
Engineers • Surveyors

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME	= mobrien	DESIGNED -	M,O'BRIEN	REVISED -	
		DRAWN -	M,O'BREIN	REVISED -	
PLOT SCALE	= 100.0000 ' / in.	CHECKED -		REVISED -	
PLOT DATE	= 6/17/2020	DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
BRIDGE REPAIRS S.N.060-0022

SCALE: N.T.S. SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	55
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

MODEL Default
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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - M.O'BRIEN
DRAWN - M.O'BRIEN
CHECKED -
DATE -

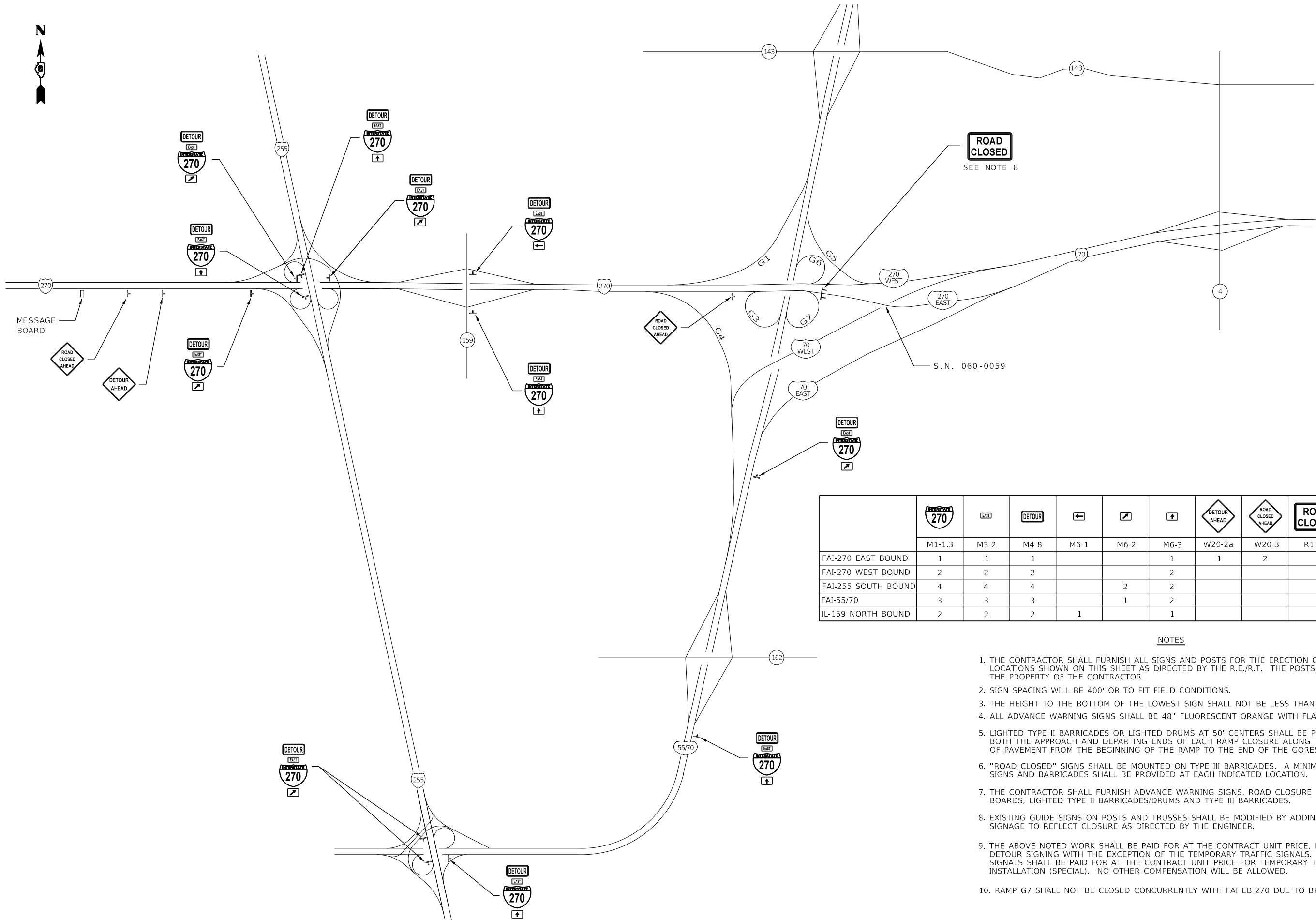
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
BRIDGE REPAIRS S.N. 060-0059**

SCALE: N.T.S. SHEET 2 OF 8 SHEETS STA. TO STA.

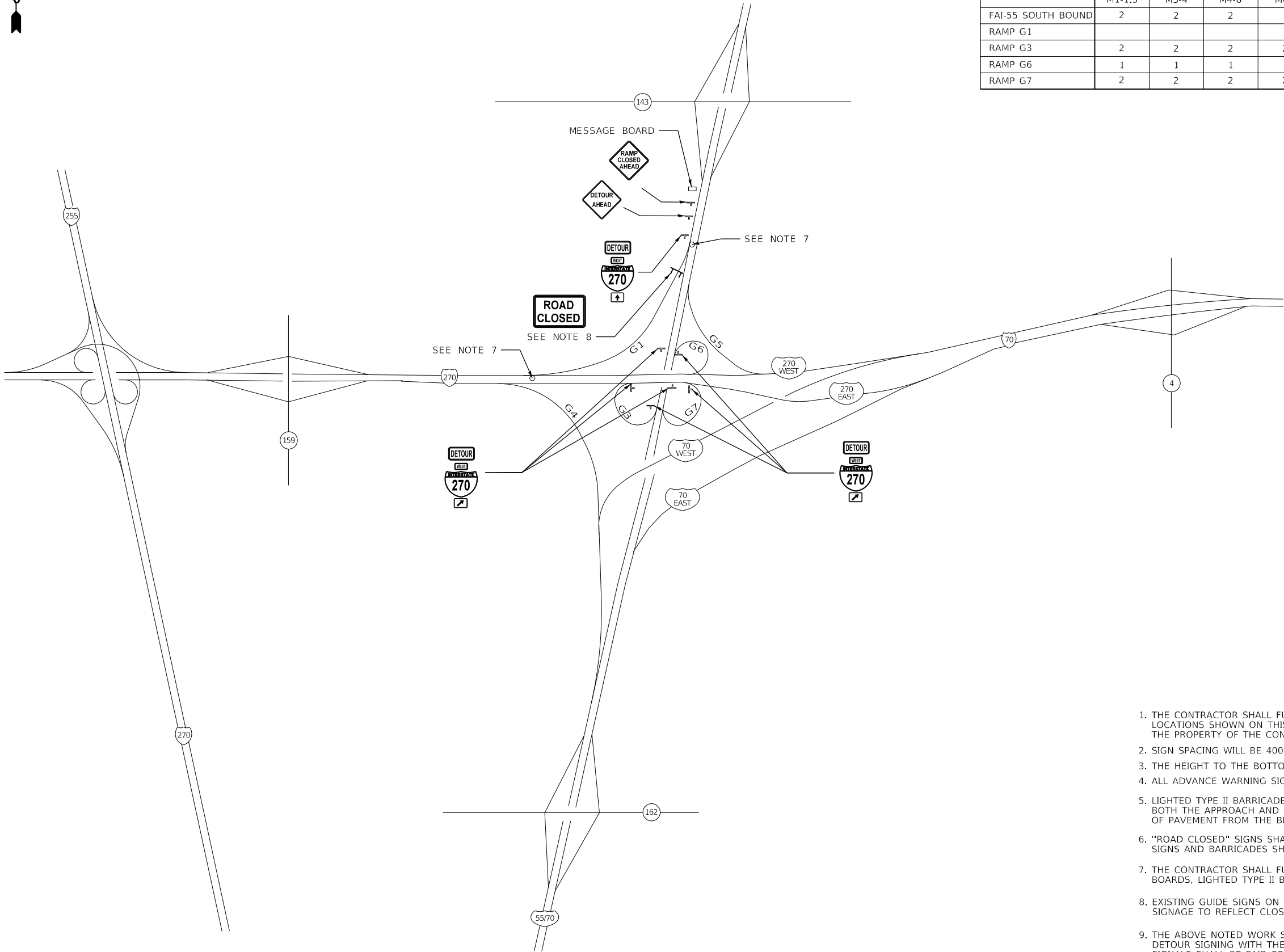
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	56
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



											PORTABLE CHANGEABLE MESSAGE SIGN
	M1-1.3	M3-2	M4-8	M6-1	M6-2	M6-3	W20-2a	W20-3	R11-2		
FAI-270 EAST BOUND	1	1	1			1	1	2	1		1
FAI-270 WEST BOUND	2	2	2			2					
FAI-255 SOUTH BOUND	4	4	4		2	2					
FAI-55/70	3	3	3		1	2					
IL-159 NORTH BOUND	2	2	2	1		1					

NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. LIGHTED TYPE II BARRICADES OR LIGHTED DRUMS AT 50' CENTERS SHALL BE PROVIDED AT BOTH THE APPROACH AND DEPARTING ENDS OF EACH RAMP CLOSURE ALONG THE INTERSTATE EDGE OF PAVEMENT FROM THE BEGINNING OF THE RAMP TO THE END OF THE GORES.
6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.
7. THE CONTRACTOR SHALL FURNISH ADVANCE WARNING SIGNS, ROAD CLOSURE SIGNS, MESSAGE BOARDS, LIGHTED TYPE II BARRICADES/DRUMS AND TYPE III BARRICADES.
8. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.
9. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING WITH THE EXCEPTION OF THE TEMPORARY TRAFFIC SIGNALS. TEMPORARY SIGNALS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL). NO OTHER COMPENSATION WILL BE ALLOWED.
10. RAMP G7 SHALL NOT BE CLOSED CONCURRENTLY WITH FAI EB-270 DUE TO BRIDGE REPAIRS SN 060-0059.



									PORTABLE CHANGEABLE MESSAGE SIGN
FAI-55 SOUTH BOUND	M1-1.3	M3-4	M4-8	M6-2	M6-3	W20-2a	W20-3	R11-2	1
RAMP G1								3	
RAMP G3	2	2	2	2					
RAMP G6	1	1	1	1					
RAMP G7	2	2	2	2					

NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. LIGHTED TYPE II BARRICADES OR LIGHTED DRUMS AT 50' CENTERS SHALL BE PROVIDED AT BOTH THE APPROACH AND DEPARTING ENDS OF EACH RAMP CLOSURE ALONG THE INTERSTATE EDGE OF PAVEMENT FROM THE BEGINNING OF THE RAMP TO THE END OF THE GORES.
6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.
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MODEL Default
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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = mobrien	DESIGNED - T.J. KEYS	REVISED -
	DRAWN - T.J. KEYS	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
RAMP G1

SCALE: N.T.S. SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	57
CONTRACT NO. 76H84				
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

MODEL Default
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HMG

Engineers • Surveyors

HMG ENGINEERS, INC.

9360 HOLY CROSS LANE

BREESE, ILLINOIS 62230

(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME	= mobrien
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 6/17/2020

DESIGNED -	T.J. KEYS
DRAWN -	T.J. KEYS
CHECKED -	
DATE -	

REVISED -	
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REVISED -	
REVISED -	

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

RAMP G4

SCALE: N.T.S.

SHEET 5 OF 8 SHEETS

STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	59
CONTRACT NO. 76H84				
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

- NOTES
1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

2. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.

3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.

4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.

5. LIGHTED TYPE II BARRICADES OR LIGHTED DRUMS AT 50' CENTERS SHALL BE PROVIDED AT BOTH THE APPROACH AND DEPARTING ENDS OF EACH RAMP CLOSURE ALONG THE INTERSTATE EDGE OF PAVEMENT FROM THE BEGINNING OF THE RAMP TO THE END OF THE GORES.

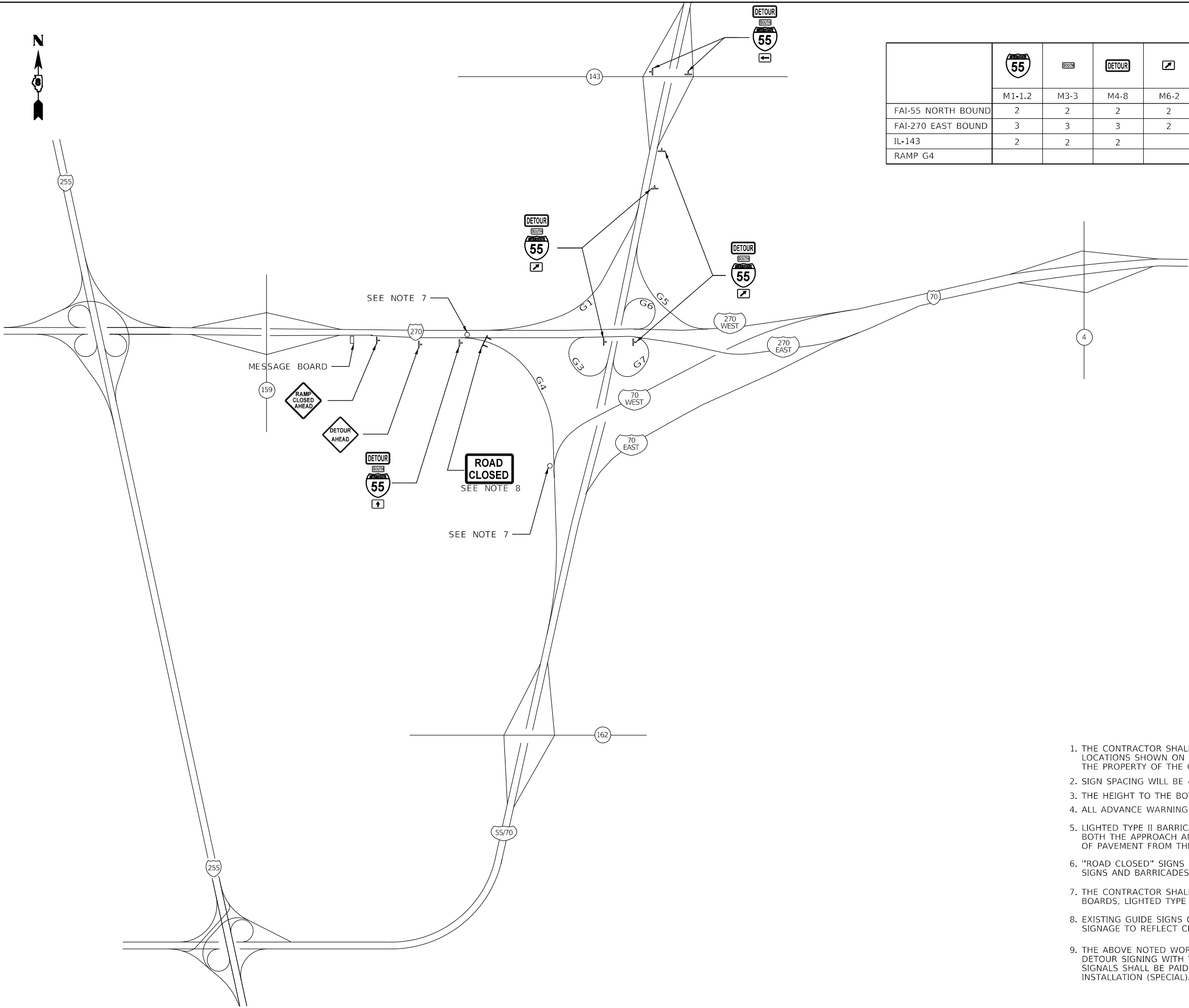
6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.

7. THE CONTRACTOR SHALL FURNISH ADVANCE WARNING SIGNS, ROAD CLOSURE SIGNS, MESSAGE BOARDS, LIGHTED TYPE II BARRICADES/DRUMS AND TYPE III BARRICADES.

8. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.

9. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING WITH THE EXCEPTION OF THE TEMPORARY TRAFFIC SIGNALS. TEMPORARY SIGNALS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL). NO OTHER COMPENSATION WILL BE ALLOWED.

										PORTABLE CHANGEABLE MESSAGE SIGN
	M1-1.2	M3-3	M4-8	M6-2	M6-3	M6-1	W20-2a	W20-3	R11-2	
FAI-55 NORTH BOUND	2	2	2	2						
FAI-270 EAST BOUND	3	3	3	2	1		1	1		1
IL-143	2	2	2			2				
RAMP G4									3	



MODEL Default
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HMG

Engineers • Surveyors

HMG ENGINEERS, INC.

9360 HOLY CROSS LANE

BREESE, ILLINOIS 62230

(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien

DESIGNED - T.J. KEYS

DRAWN - T.J. KEYS

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

RAMP G5

SCALE: N.T.S.

SHEET 6 OF 8 SHEETS

STA. TO STA.

F.A.I. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

70

60-(10-11)RS-1

MADISON

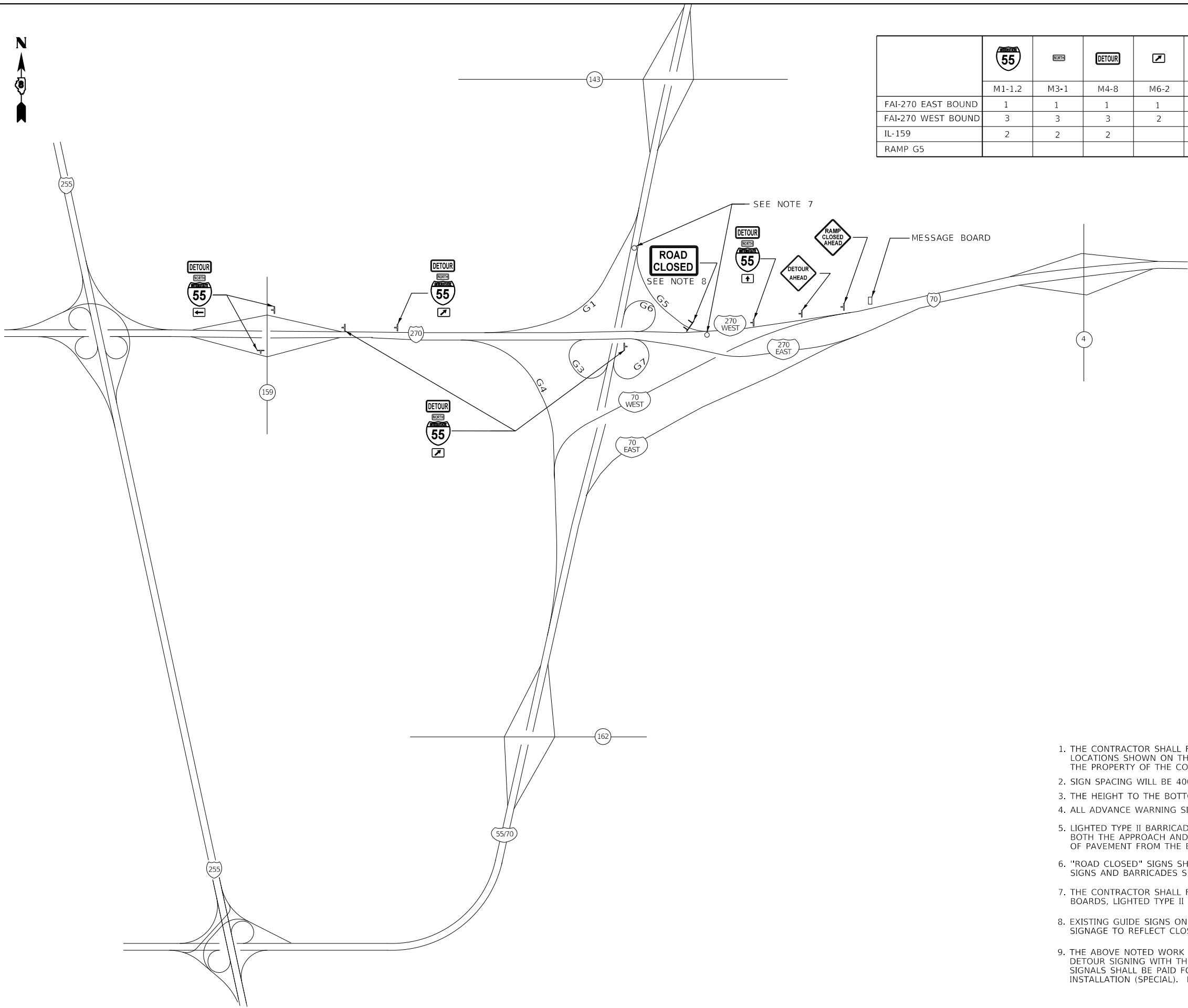
209

60

ILLINOIS

FED. AID PROJECT

NHPP-QYT9(213)



										PORTABLE CHANGEABLE MESSAGE SIGN
	M1-1,2	M3-1	M4-8	M6-2	M6-3	M6-1	W20-2a	W20-3	R11-2	
FAI-270 EAST BOUND	1	1	1	1						
FAI-270 WEST BOUND	3	3	3	2	1		1	1		1
IL-159	2	2	2			2				
RAMP G5									3	

NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. LIGHTED TYPE II BARRICADES OR LIGHTED DRUMS AT 50' CENTERS SHALL BE PROVIDED AT BOTH THE APPROACH AND DEPARTING ENDS OF EACH RAMP CLOSURE ALONG THE INTERSTATE EDGE OF PAVEMENT FROM THE BEGINNING OF THE RAMP TO THE END OF THE GORES.
6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.
7. THE CONTRACTOR SHALL FURNISH ADVANCE WARNING SIGNS, ROAD CLOSURE SIGNS, MESSAGE BOARDS, LIGHTED TYPE II BARRICADES/DRUMS AND TYPE III BARRICADES.
8. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.
9. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING WITH THE EXCEPTION OF THE TEMPORARY TRAFFIC SIGNALS. TEMPORARY SIGNALS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL). NO OTHER COMPENSATION WILL BE ALLOWED.

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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME = mobrien
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED -
DRAWN -
CHECKED -
DATE -

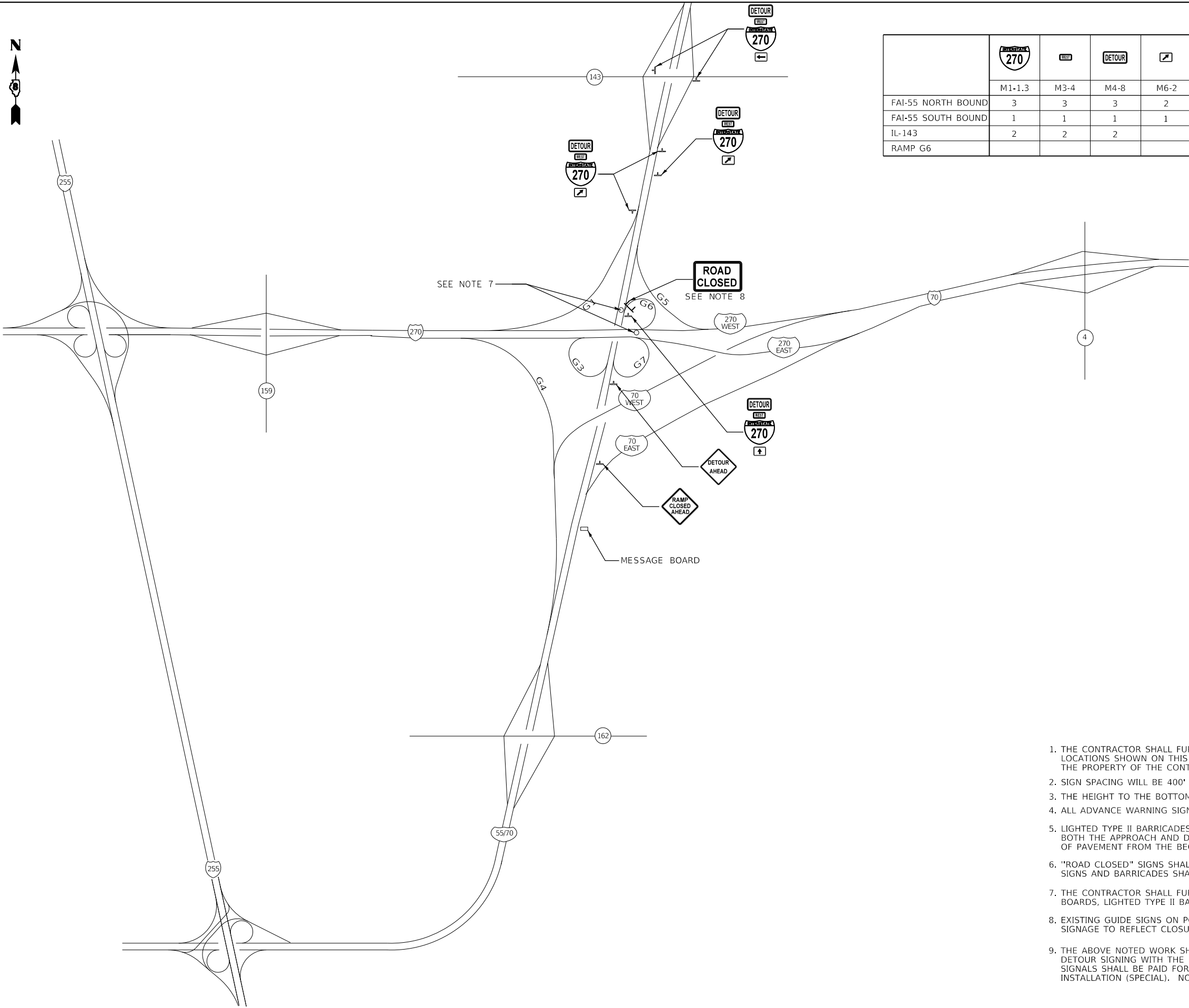
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
RAMP G6**

SCALE: N.T.S SHEET 7 OF 8 SHEETS STA. TO STA.

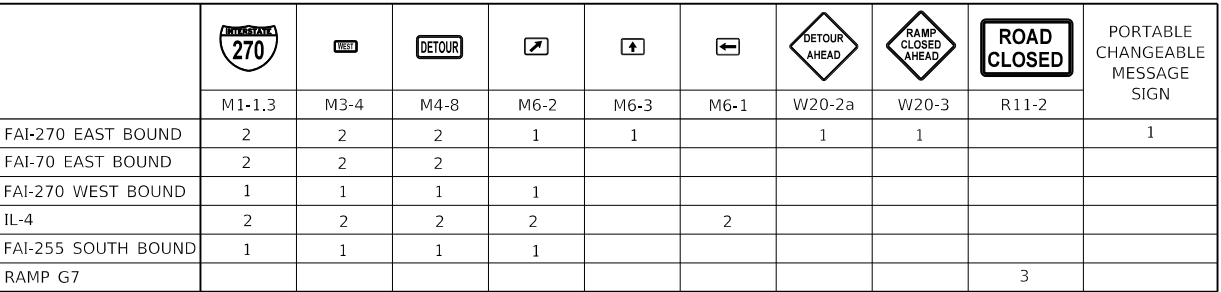
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	61
CONTRACT NO. 76H84				
		ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)



										PORTABLE CHANGEABLE MESSAGE SIGN
	M1-1.3	M3-4	M4-8	M6-2	M6-3	M6-1	W20-2a	W20-3	R11-2	
FAI-55 NORTH BOUND	3	3	3	2	1		1	1		1
FAI-55 SOUTH BOUND	1	1	1	1						
IL-143	2	2	2			2				
RAMP G6									3	

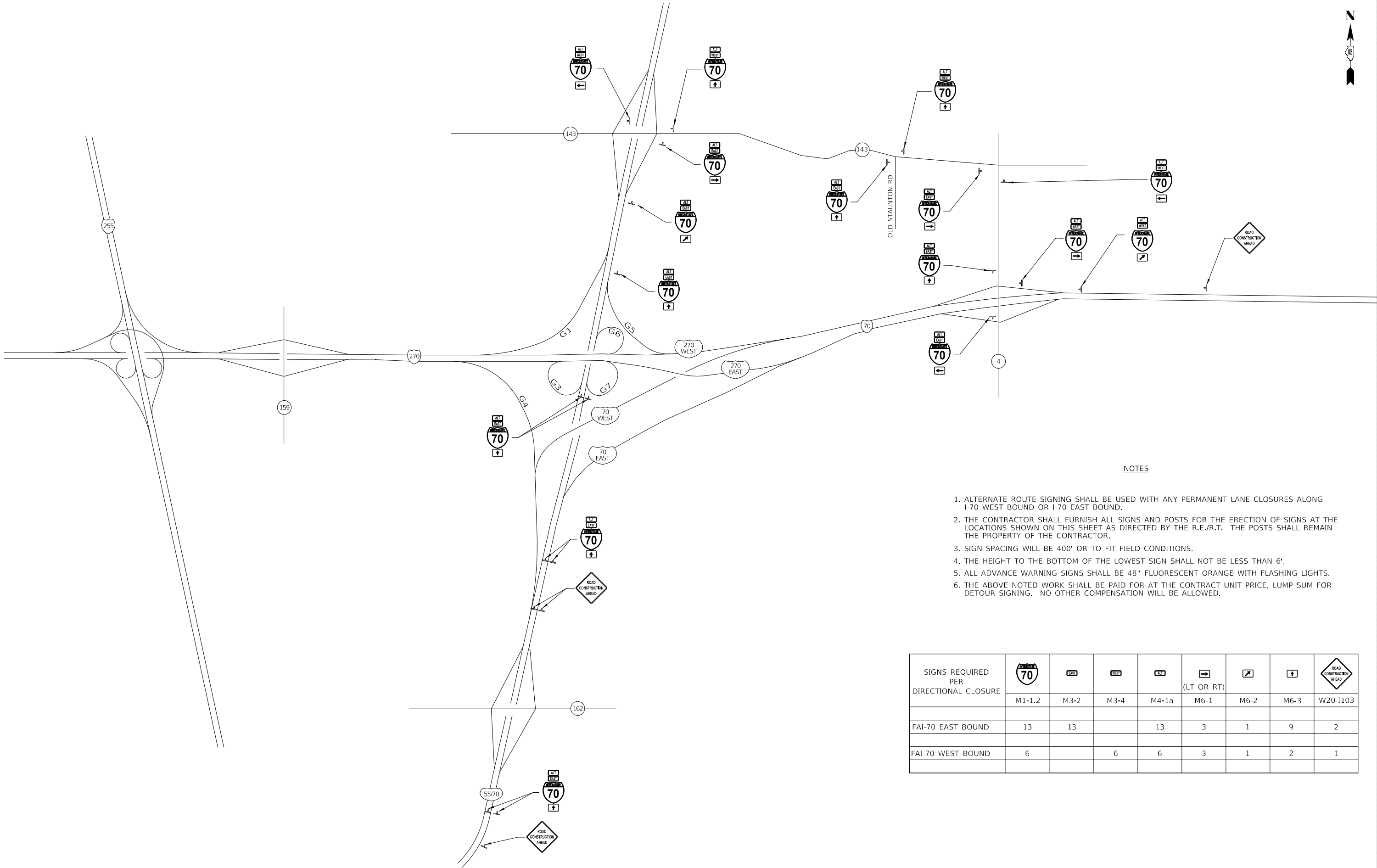
NOTES

1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
2. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
3. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
4. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
5. LIGHTED TYPE II BARRICADES OR LIGHTED DRUMS AT 50' CENTERS SHALL BE PROVIDED AT BOTH THE APPROACH AND DEPARTING ENDS OF EACH RAMP CLOSURE ALONG THE INTERSTATE EDGE OF PAVEMENT FROM THE BEGINNING OF THE RAMP TO THE END OF THE GORES.
6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.
7. THE CONTRACTOR SHALL FURNISH ADVANCE WARNING SIGNS, ROAD CLOSURE SIGNS, MESSAGE BOARDS, LIGHTED TYPE II BARRICADES/DRUMS AND TYPE III BARRICADES.
8. EXISTING GUIDE SIGNS ON POSTS AND TRUSSES SHALL BE MODIFIED BY ADDING TEMPORARY SIGNAGE TO REFLECT CLOSURE AS DIRECTED BY THE ENGINEER.
9. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING WITH THE EXCEPTION OF THE TEMPORARY TRAFFIC SIGNALS. TEMPORARY SIGNALS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL). NO OTHER COMPENSATION WILL BE ALLOWED.



1. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
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6. "ROAD CLOSED" SIGNS SHALL BE MOUNTED ON TYPE III BARRICADES. A MINIMUM OF THREE SIGNS AND BARRICADES SHALL BE PROVIDED AT EACH INDICATED LOCATION.
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10. RAMP G7 SHALL NOT BE CLOSED CONCURRENTLY WITH FAI EB-270 DUE TO BRIDGE REPAIRS SN 060-0059.

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NOTES

1. ALTERNATE ROUTE SIGNING SHALL BE USED WITH ANY PERMANENT LANE CLOSURES ALONG I-70 WEST BOUND OR I-70 EAST BOUND.
2. THE CONTRACTOR SHALL FURNISH ALL SIGNS AND POSTS FOR THE ERECTION OF SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
3. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
4. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6',
5. ALL ADVANCE WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE WITH FLASHING LIGHTS.
6. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM FOR DETOUR SIGNING. NO OTHER COMPENSATION WILL BE ALLOWED.

SIGNS REQUIRED PER DIRECTIONAL CLOSURE								
	M1-1.2	M3-2	M3-4	M4-1a	M6-1	M6-2	M6-3	W20-I103
FAI-70 EAST BOUND	13	13		13	3	1	9	2
FAI-70 WEST BOUND	6		6	6	3	1	2	1

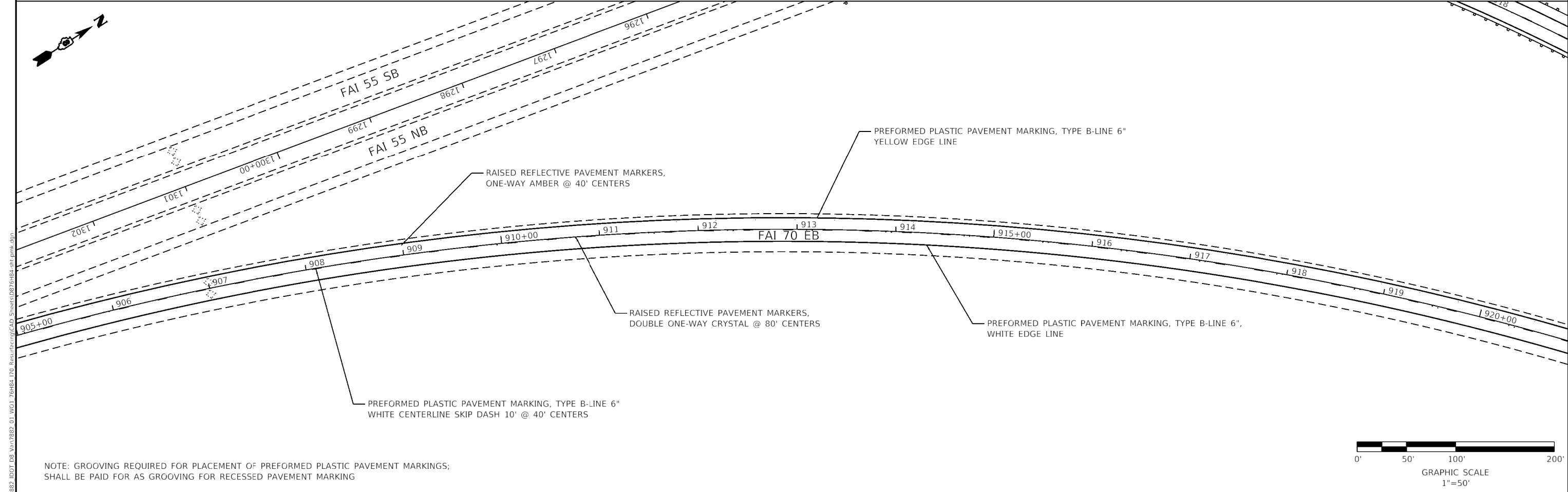
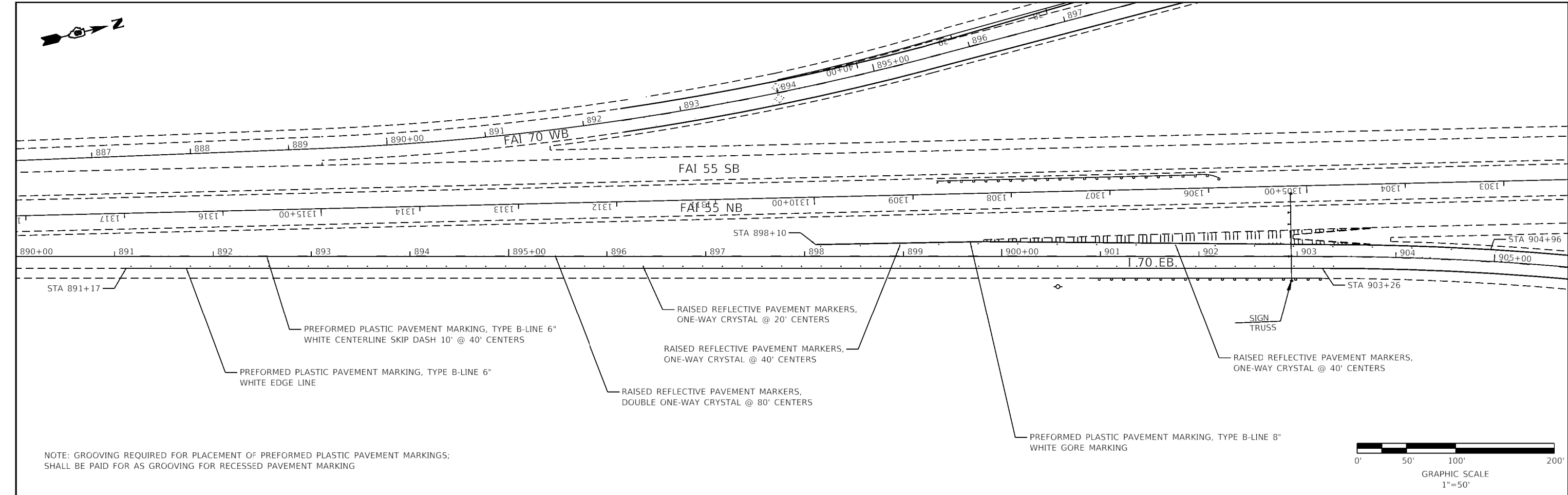
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	DRAWN - -	REVISED - _____
PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 7/16/2020	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

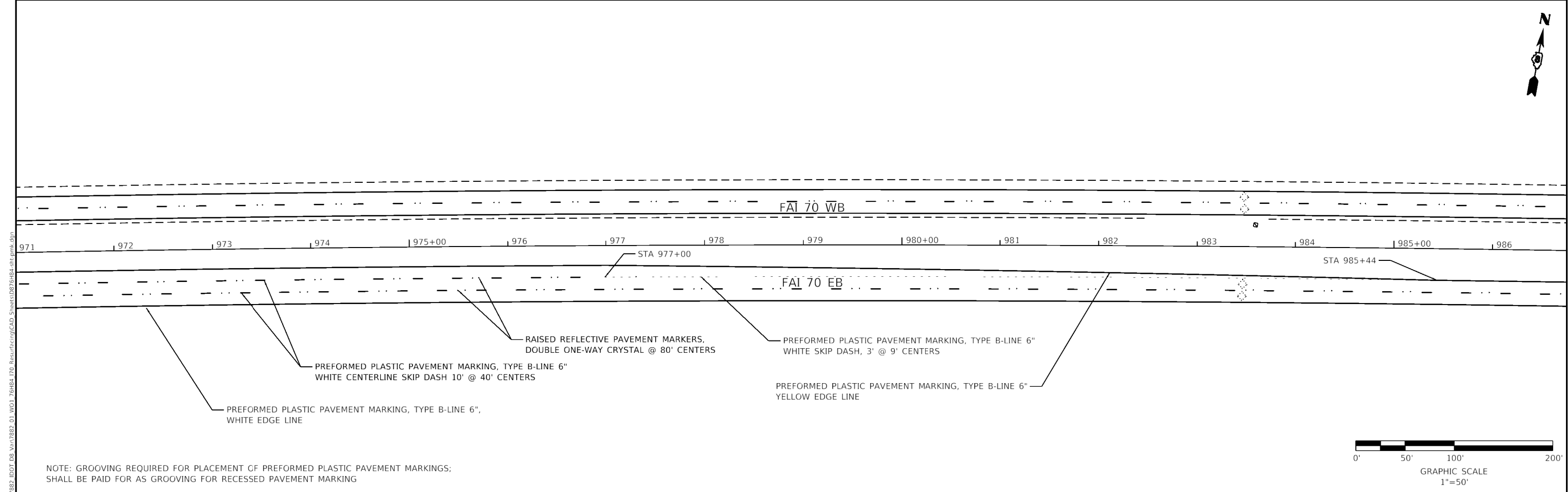
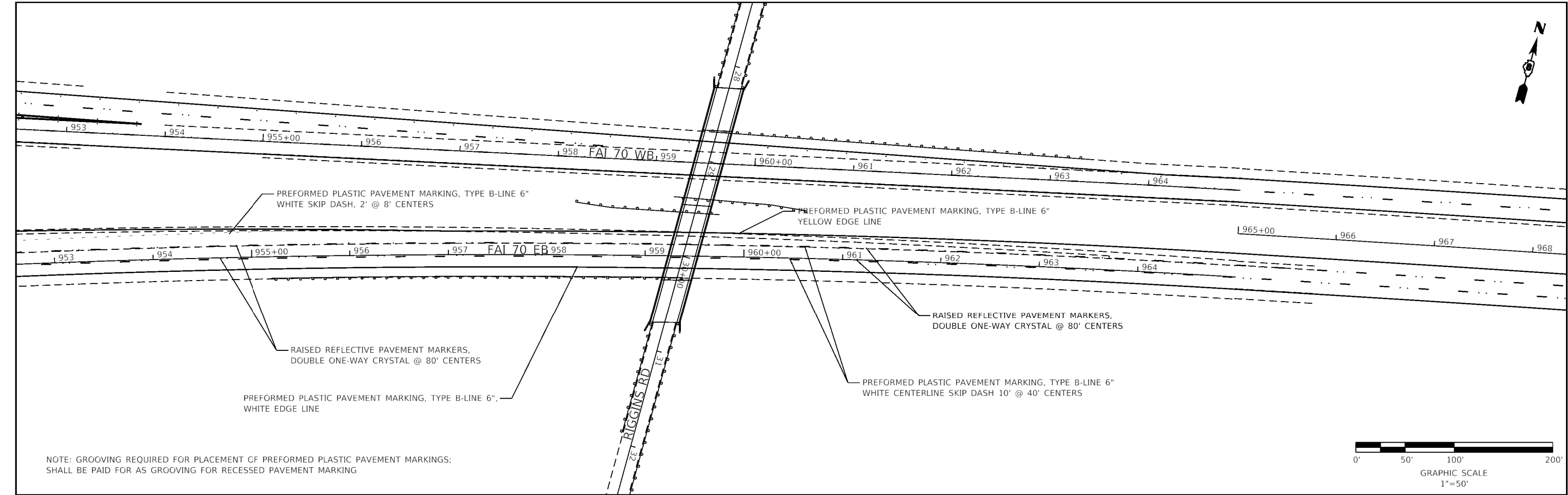
ALTERNATE ROUTE PLAN

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	62A
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				

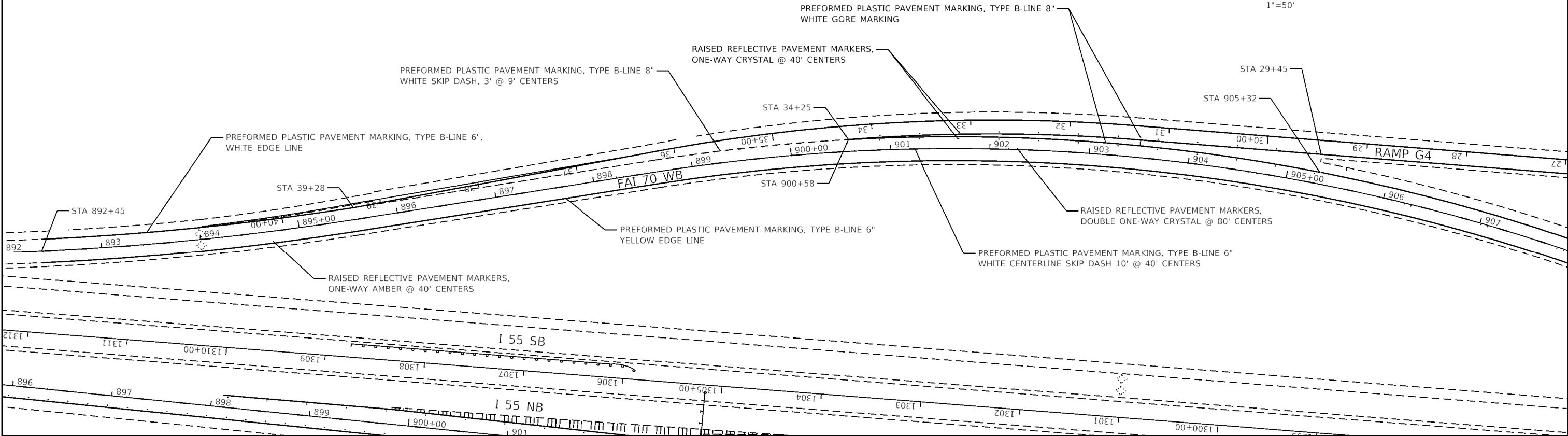
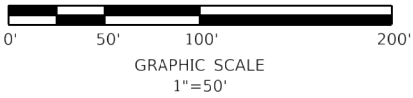


<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611</div></div> <div>Engineers • Surveyors</div> <div>IL PROF. DESIGN FIRM NO. 184.000899</div>	USER NAME = mobrien	DESIGNED - T.J. KEYS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT FAI-70 EAST BOUND	F.A.I. RTE.				SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - T.J. KEYS	REVISED -			70	60-(10-11)RS-1	MADISON	209	63			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 76H84							
	PLOT DATE = 6/17/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT NHPP-YQT9(213)							
						SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO STA.		

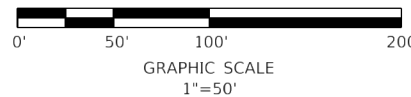
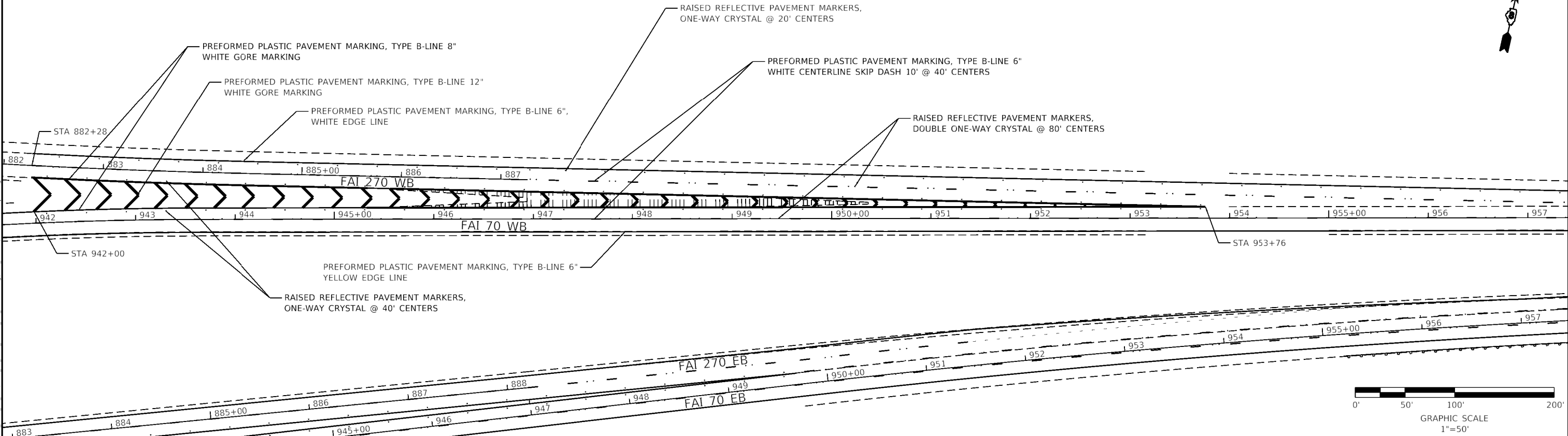


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			DRAWN - T.J. KEYS	REVISED -						70	60-(10-11)RS-1	MADISON	209	65
	PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76H84								
	PLOT DATE = 6/17/2020		DATE -	REVISED -		ILLINOIS FED. AID PROJECT NHPP-QYT9(213)								
			SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.											

NOTE: GROOVING REQUIRED FOR PLACEMENT OF PREFORMED PLASTIC PAVEMENT MARKINGS;
SHALL BE PAID FOR AS GROOVING FOR RECESSED PAVEMENT MARKING

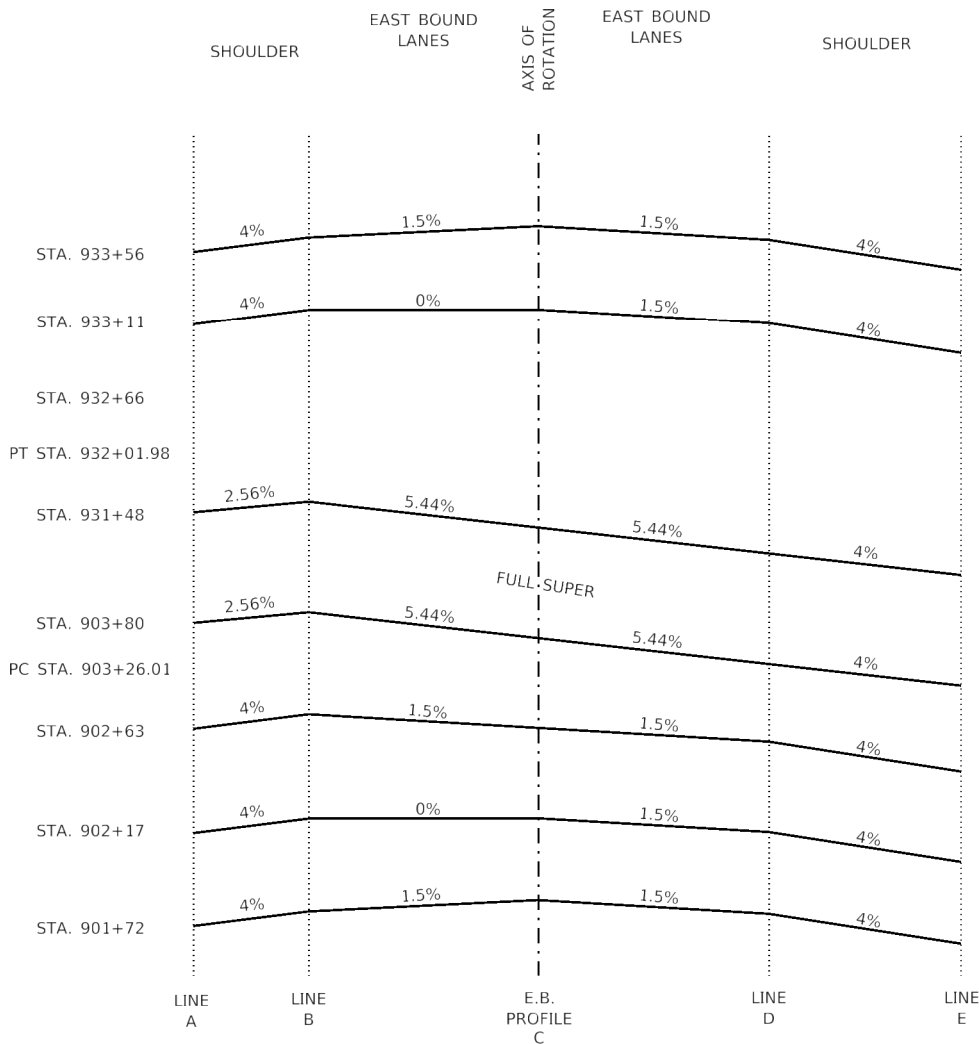


NOTE: GROOVING REQUIRED FOR PLACEMENT OF PREFORMED PLASTIC PAVEMENT MARKINGS;
SHALL BE PAID FOR AS GROOVING FOR RECESSED PAVEMENT MARKING



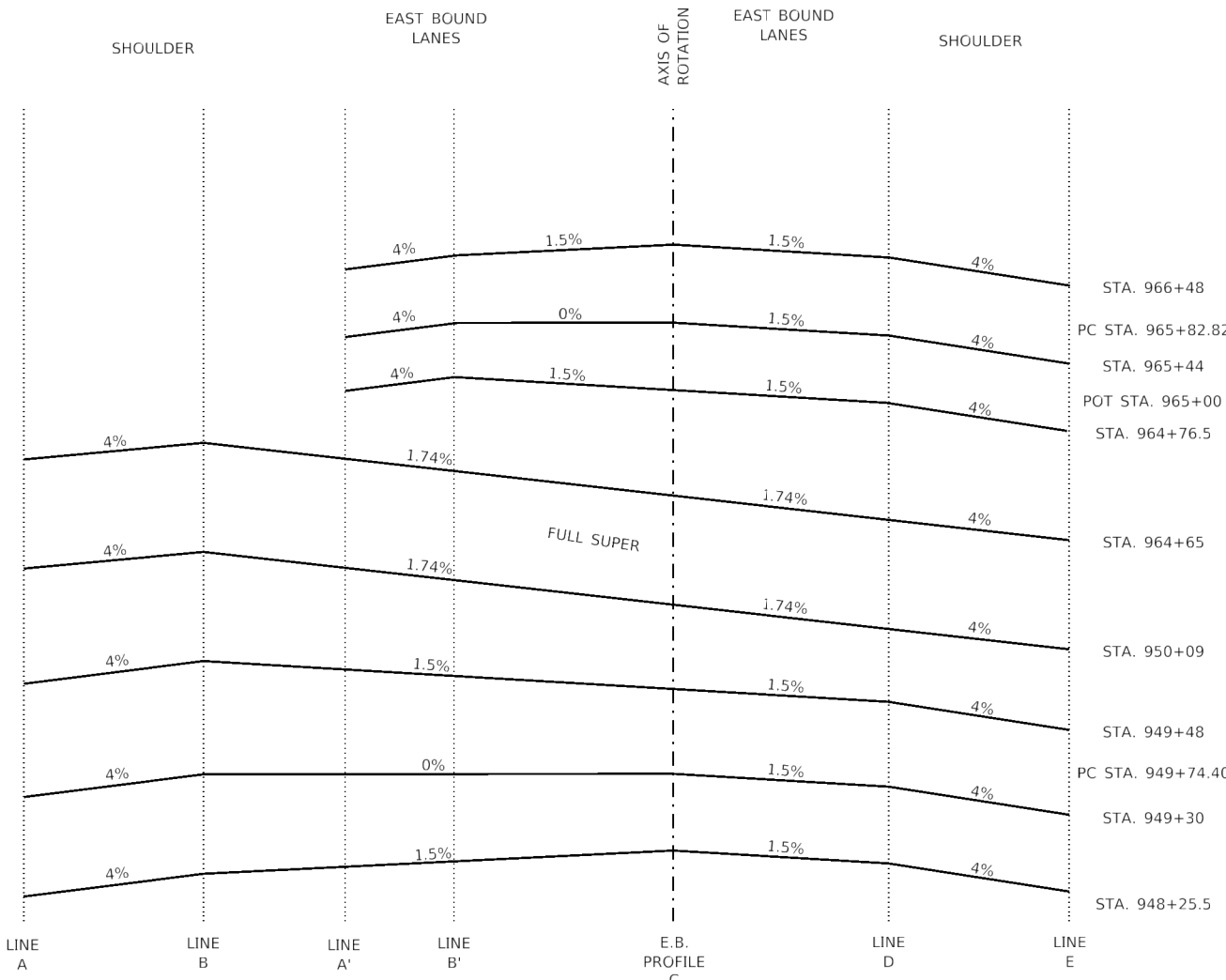
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HMG HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = mobrien		DESIGNED - T.J. KEYS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LAYOUT FAI-70 WEST BOUND				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - T.J. KEYS		CHECKED -	REVISED -						70	60-(10-11)RS-1	MADISON	209	66
	PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		SCALE: 1" = 50'				CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020					SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT NHPP-YQT9(213)		



S.E. TRANSITION SECTIONS I-70 EB

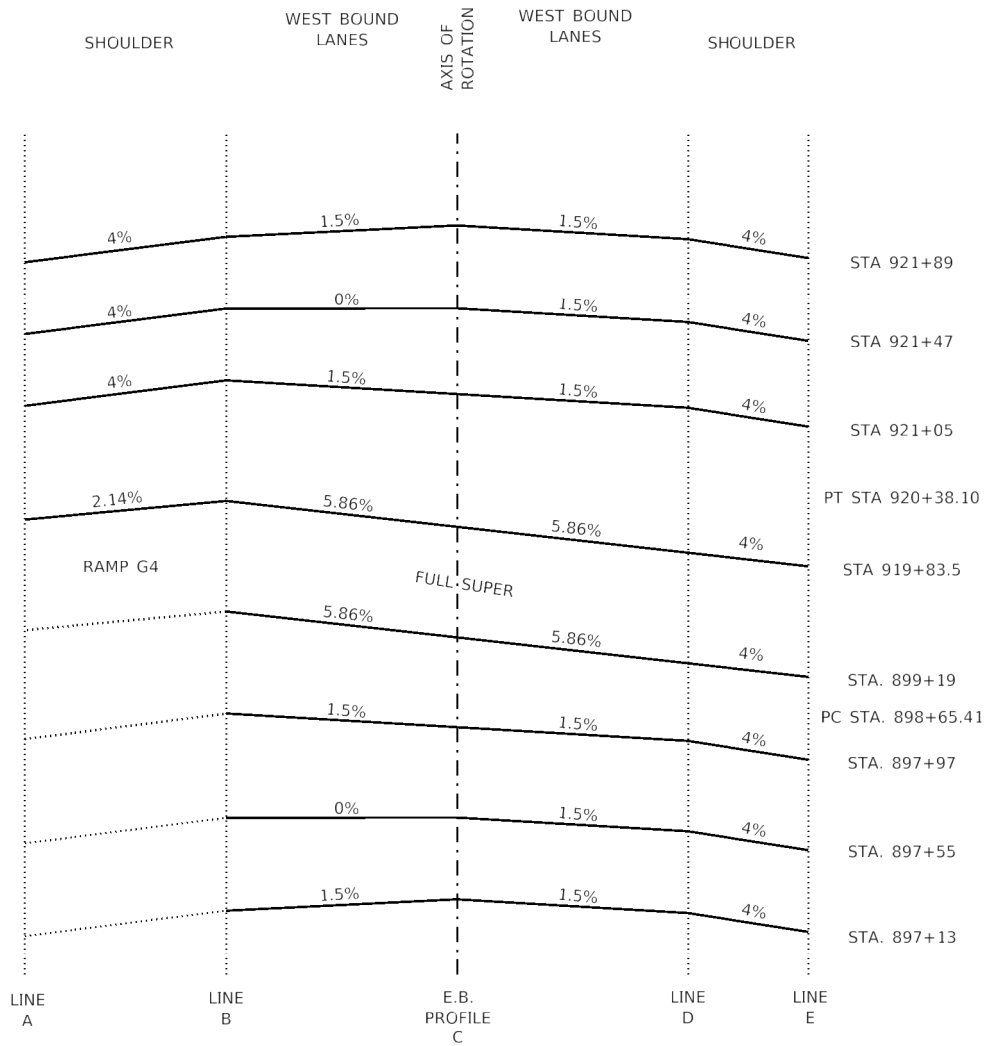
EXIST. CURVE I70_EB_3
PI STA. = 918+98.32
Δ = 57° 31' 10" (RT)
D = 2° 00' 00"
R = 2,864.79'
T = 1,572.31'
L = 2,875.97'
E = 403.11'
P.C. STA. = 903+26.01
P.T. STA. = 932+01.98



S.E. TRANSITION SECTIONS I-70 EB

EXIST. CURVE I70_EB_6
PI STA. = 957+37.88
Δ = 7° 07' 00" (RT)
D = 0° 28' 00"
R = 12,277.67'
T = 763.48'
L = 1,525.00'
E = 23.72'
P.C. STA. = 949+74.40
P.T. STA. = 964+99.40

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S.E. TRANSITION SECTIONS I-70 WB

EXIST. CURVE I70_WB_6
PI STA. = 910+86.36
Δ = 65° 10' 50" (RT)
D = 3° 00' 00"
R = 1,909.86'
T = 1,220.95'
L = 2,172.69'
E = 356.92'
P.C. STA. = 898+65.41
P.T. STA. = 920+38.10

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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

IL PROF. DESIGN FIRM NO. 184.000899

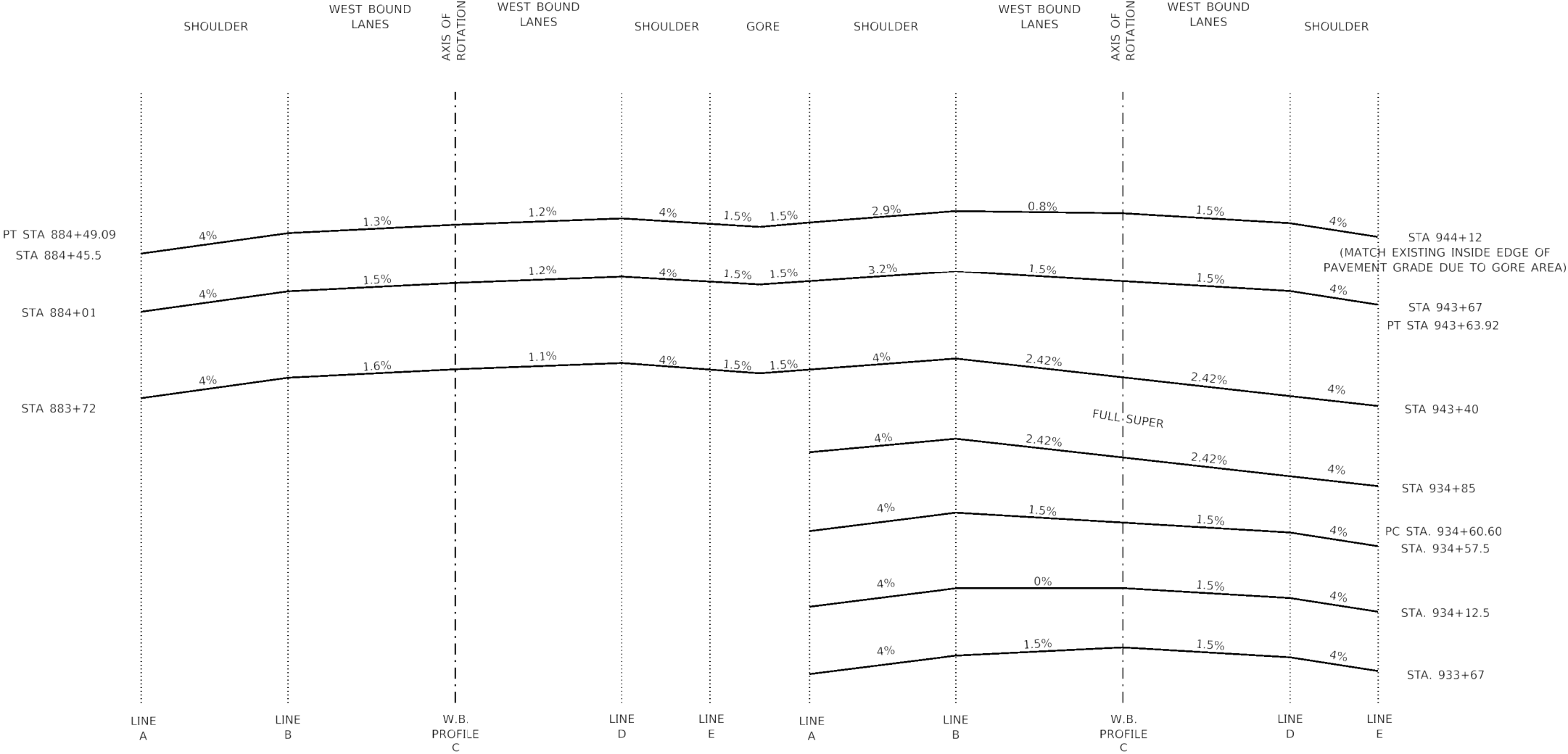
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	DRAWN - T.J.K.	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S.E. TRANSITION AT I-70

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	68
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



S.E. TRANSITION SECTIONS I-270 WB
(MATCH EXISTING GRADE)

S.E. TRANSITION SECTIONS I-70 WB

PI STA. = 875+15.50
Δ = 14° 04' 30" (LT)
D = 0° 45' 00"
R = 7,639.44'
T = 943.08'
L = 1,876.66'
E = 57.99'
P.C. STA. = 865+72.43
P.T. STA. = 884+49.09

EXIST. CURVE I70_WB_9
PI STA. = 939+14.38
Δ = 13° 33' 00" (RT)
D = 1° 30' 00"
R = 3,819.70'
T = 453.78'
L = 903.33'
E = 26.86'
P.C. STA. = 934+60.60
P.T. STA. = 943+63.92

MODEL: Default
FILE: Model - I-1582 IDOT DB Van7882 01 W01 76484 I70 Resurfacing\CAD Sheets\I076484-rlt-details.dgn

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Engineers • Surveyors

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

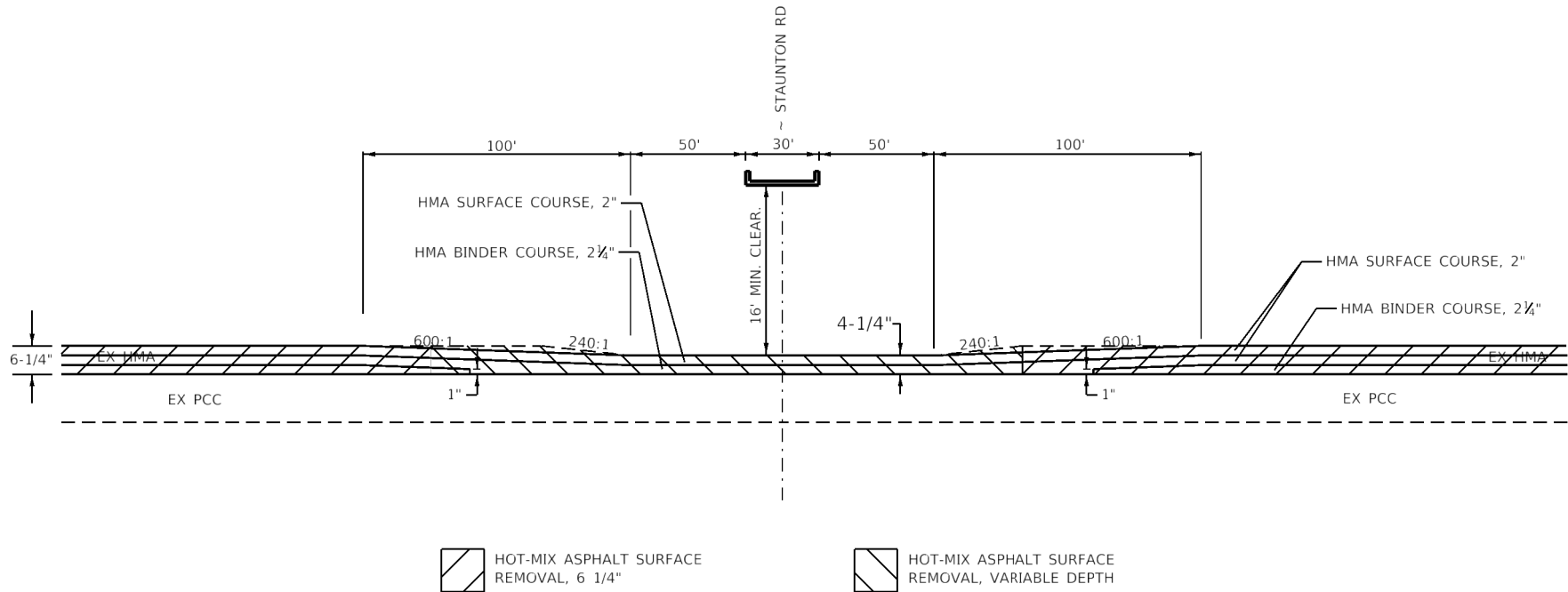
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED - T.J.K.	REVISED -
	DRAWN - T.J.K.	REVISED -
PLOT SCALE = 100.0000 " / in.	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S.E. TRANSITION AT I-70			
SCALE: N.T.S.	SHEET 1	OF 3 SHEETS	STA. TO STA.

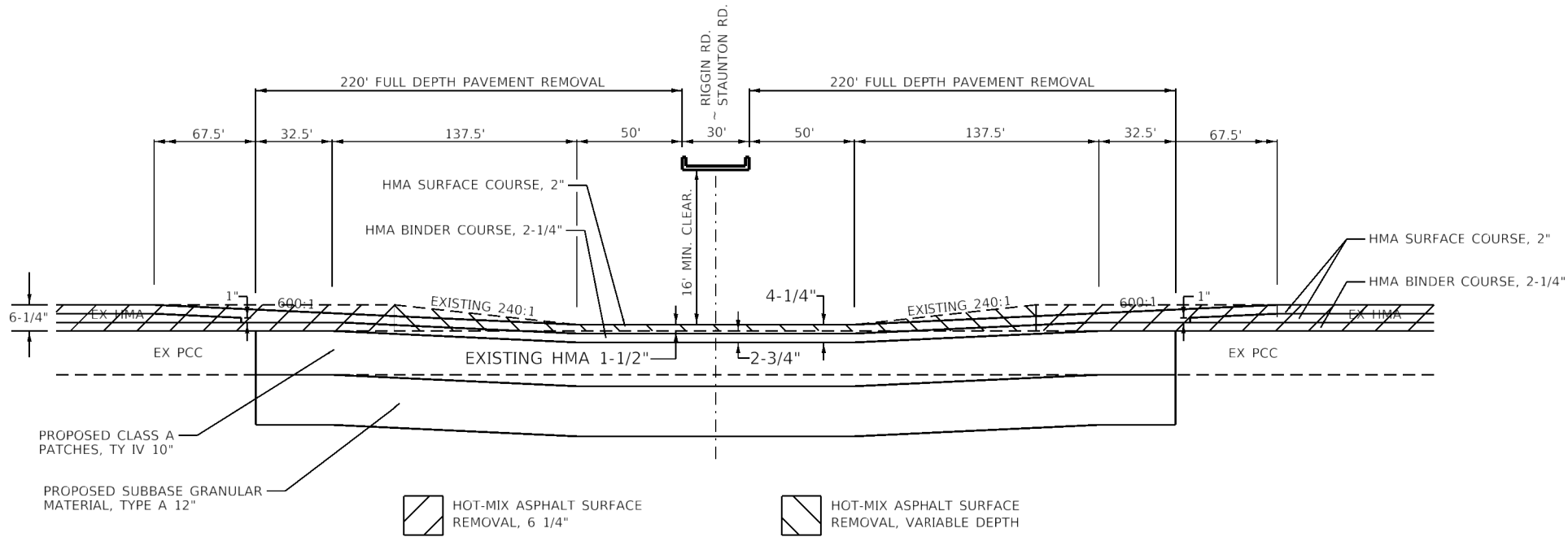
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	69
CONTRACT NO. 76H84				
ILLINOIS		FED. AID PROJECT	NHPP-YQT9(213)	



MILLING DETAIL – WESTBOUND – I-70 UNDER STAUNTON RD

STAUNTON ROAD - FAI-70 @ STA. 1013+42

- NOTES
1. FINISHED PROFILE GRADE UNDER STRUCTURE TO MATCH EXISTING. 16'-0" MIN. OR GREATER CLEARANCE UNDER STRUCTURE IS TO BE MAINTAINED.
 2. HMA SURFACE REMOVAL MAY VARY THROUGH THIS LOCATION, BUT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL 6 1/4".
 3. ANY EARTH EXCAVATION REQUIRED IN THE CONSTRUCTION OF THE PATCHES SHOWN ON THIS DETAIL SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CLASS A PATCHES.



MILLING DETAIL – EASTBOUND & WESTBOUND I-70 UNDER RIGGIN RD
& EASTBOUND – I-70 UNDER STAUNTON RD

RIGGIN ROAD - FAI-70 @ STA. 959+42.70 FAI-70
STAUNTON ROAD - FAI-70 @ STA. 1013+42

MODEL Default
FILE Name: IL1982 IDOT DB Van1982 01 V01 76H84 170 ResurfacingCAD Sheets19826H84-ent details Paving Transitions.dgn

HMG
Engineers • Surveyors

HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

USER NAME	= mobrien
PLOT SCALE	= 100.0000 " / in.
PLOT DATE	= 6/17/2020

DESIGNED -	M. O'BRIEN
DRAWN -	M. O'BRIEN
CHECKED -	
DATE -	

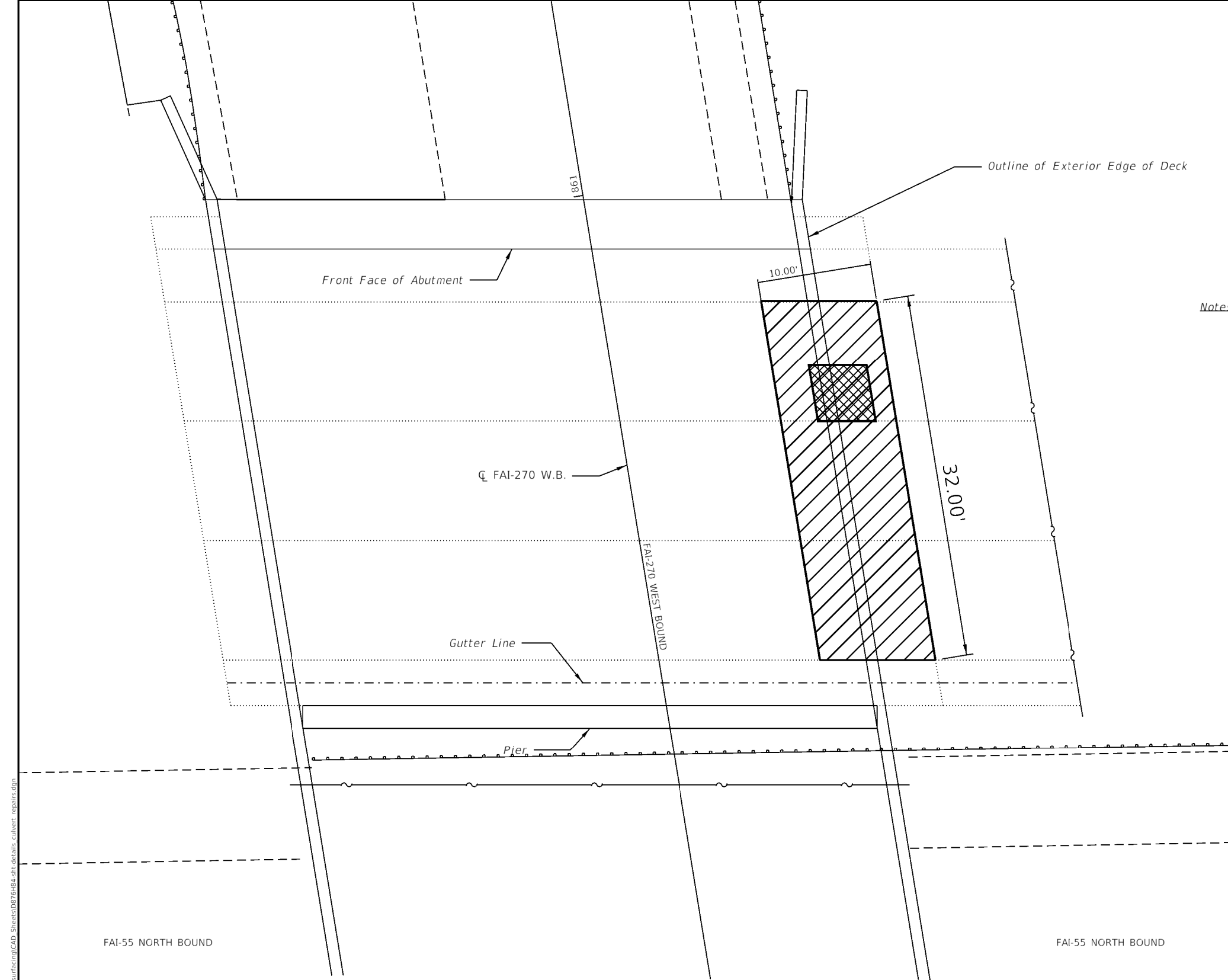
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVING TRANSITIONS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	70
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



LEGEND:

- Slope Wall Removal & Replacement Area
- Slope Wall Slurry Pumping Area



Notes:

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.

Hatched areas indicate assumed limits of Slope Wall Slurry Pumping. Void areas under the slope wall shall be filled as described in the Special Provisions and as directed by the Engineer. Actual limits and final quantity to be determined in the field as directed by the Engineer.

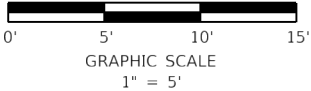
Small areas of slope wall may need to be removed to access voids to be filled by Slope Wall Slurry Pumping when directed by the Engineer. Actual limits and final quantities to be determined in the field as directed by the Engineer.

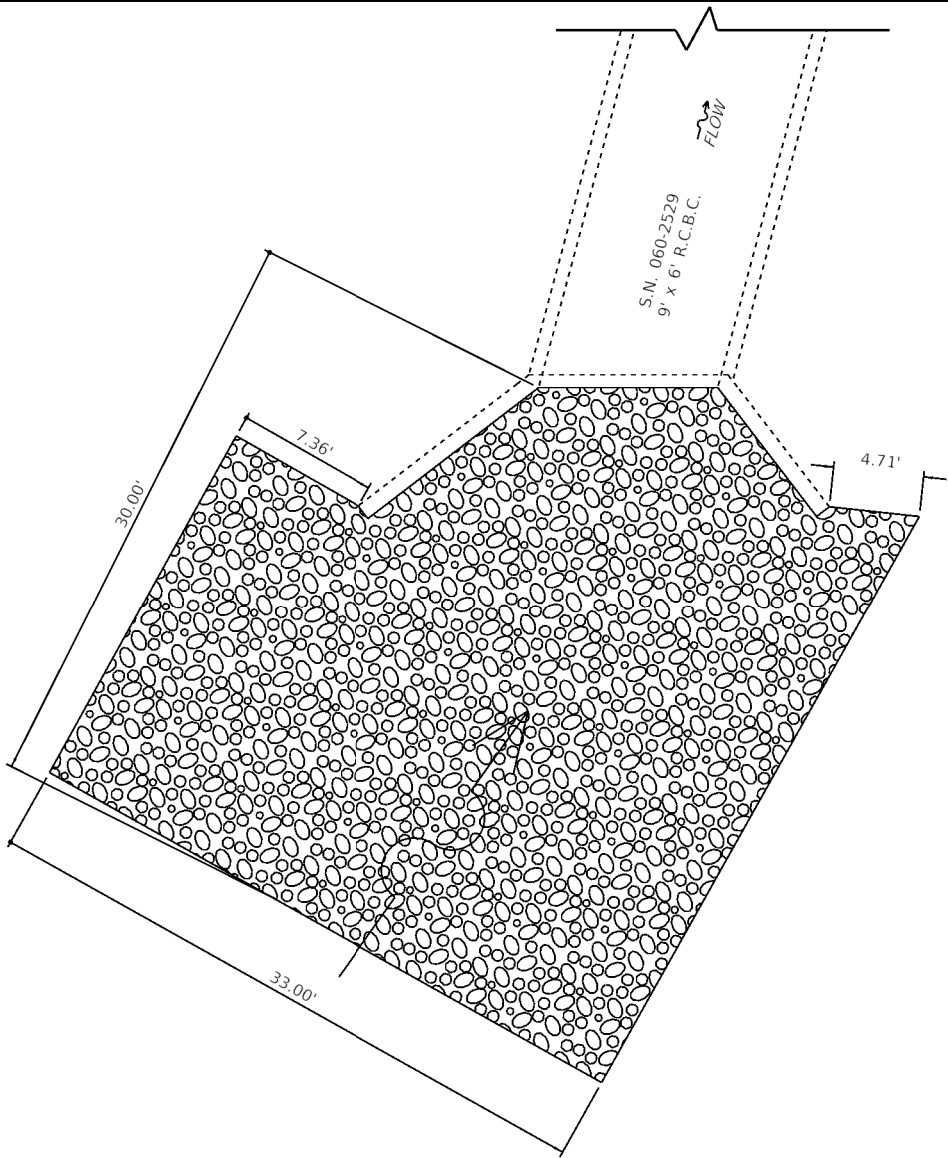
The gutter shall be cleaned of silt, sand and debris prior to, and during, construction. All costs shall be included in the costs of SLOPE WALL SLURRY PUMPING, CU YD.

BILL OF MATERIAL

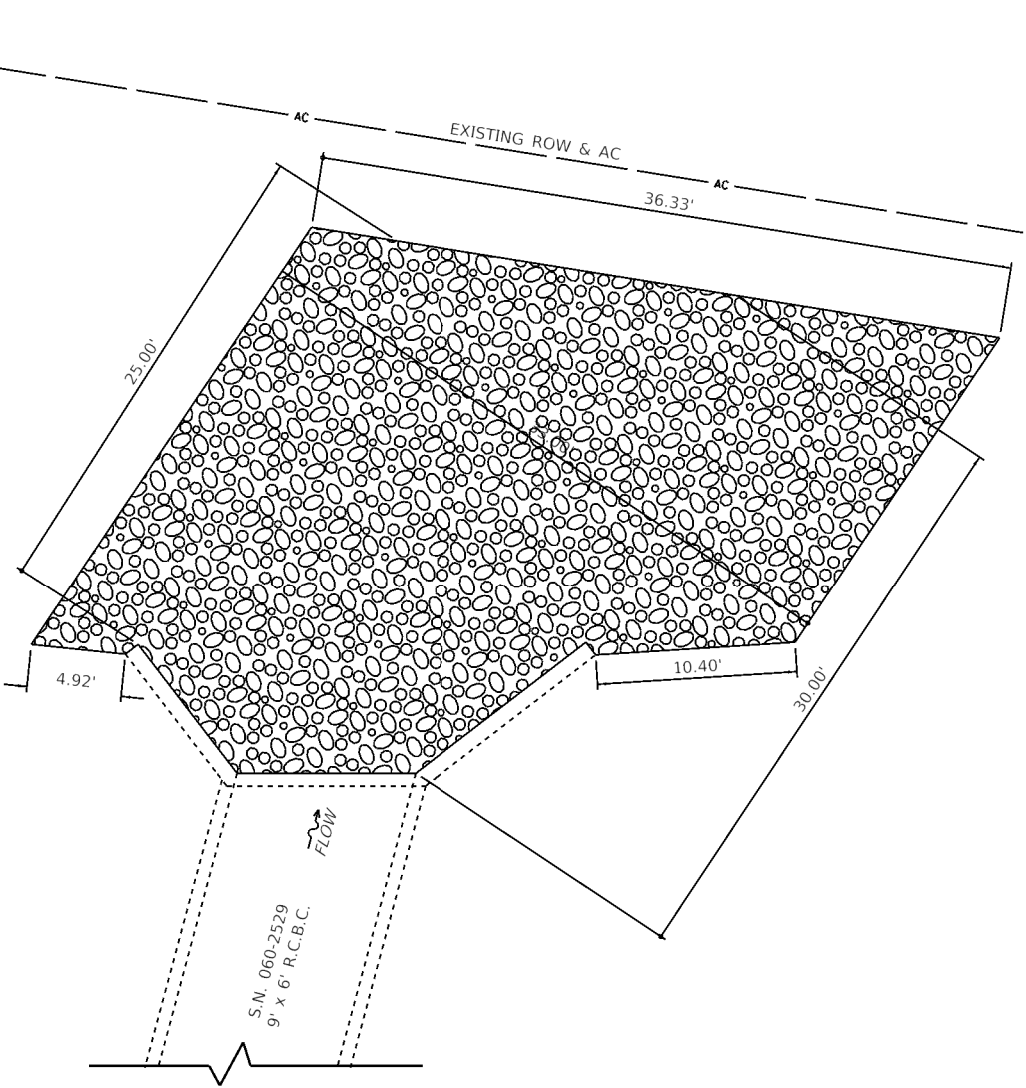
ITEM	UNIT	TOTAL
Slope Wall Removal	Sq Yd	3.0
Slope Wall, 4 inch	Sq Yd	3.0
Slope Wall Slurry Pumping	Cu Yd	24.0

PLAN VIEW
EAST SLOPE WALL





PLAN VIEW
UPSTREAM END
(SOUTH)

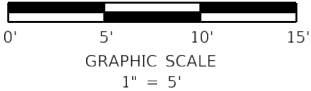


PLAN VIEW
DOWNSTREAM END
(NORTH)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A4	Ton	270
Filter Fabric	Sq Yd	201

Note:
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.



MODEL: Default
FILE NAME: 111382 IDOT DB Van1382 01 W01 76484 170 Resurfacing\CAD Sheets\13826484-ent details culvert repairs.dgn

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USER NAME = mobrien
PLOT SCALE = 10.0000' / in.
PLOT DATE = 6/17/2020

DESIGNED - L.D.G.
DRAWN - L.D.G.
CHECKED -
DATE -

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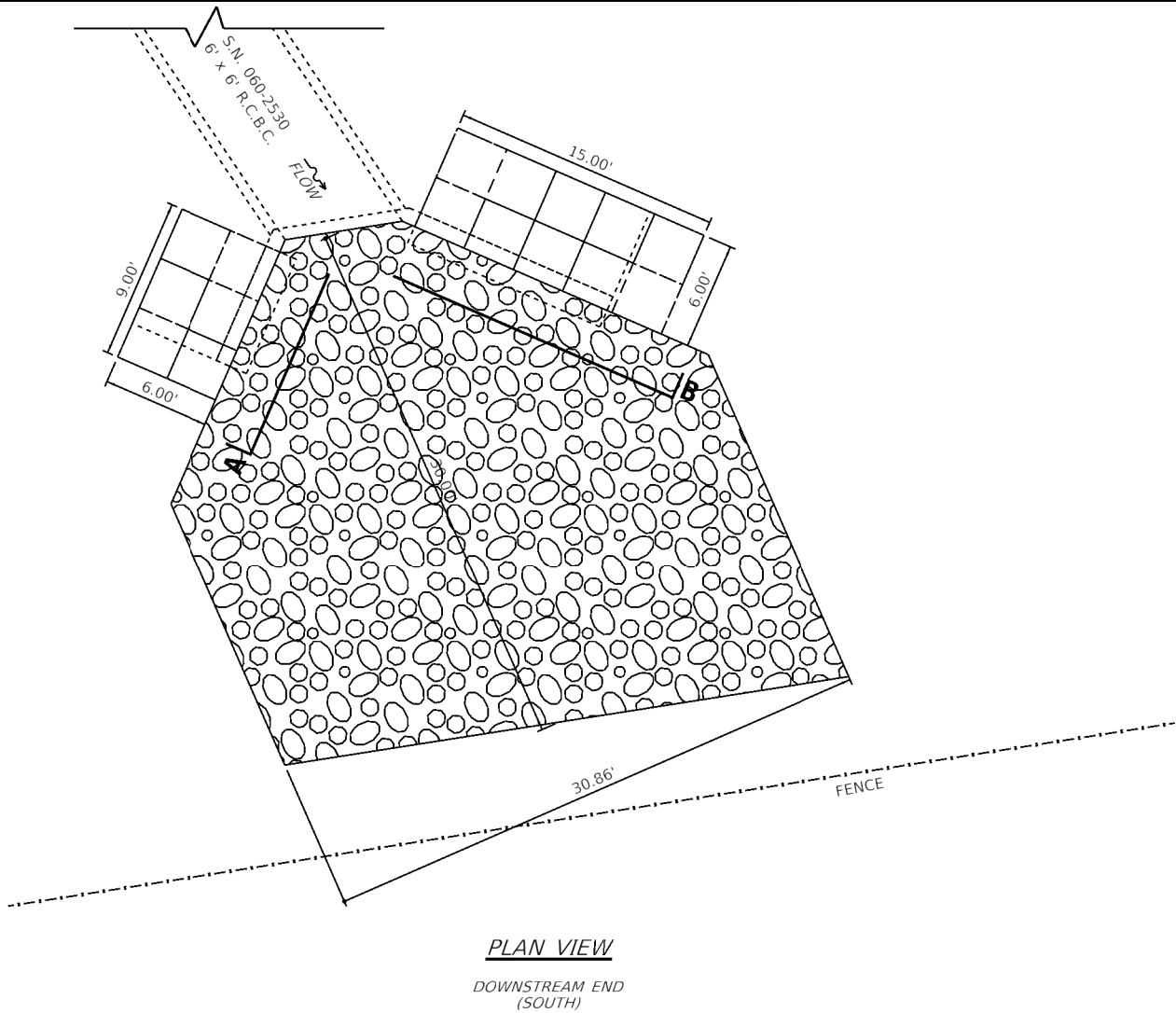
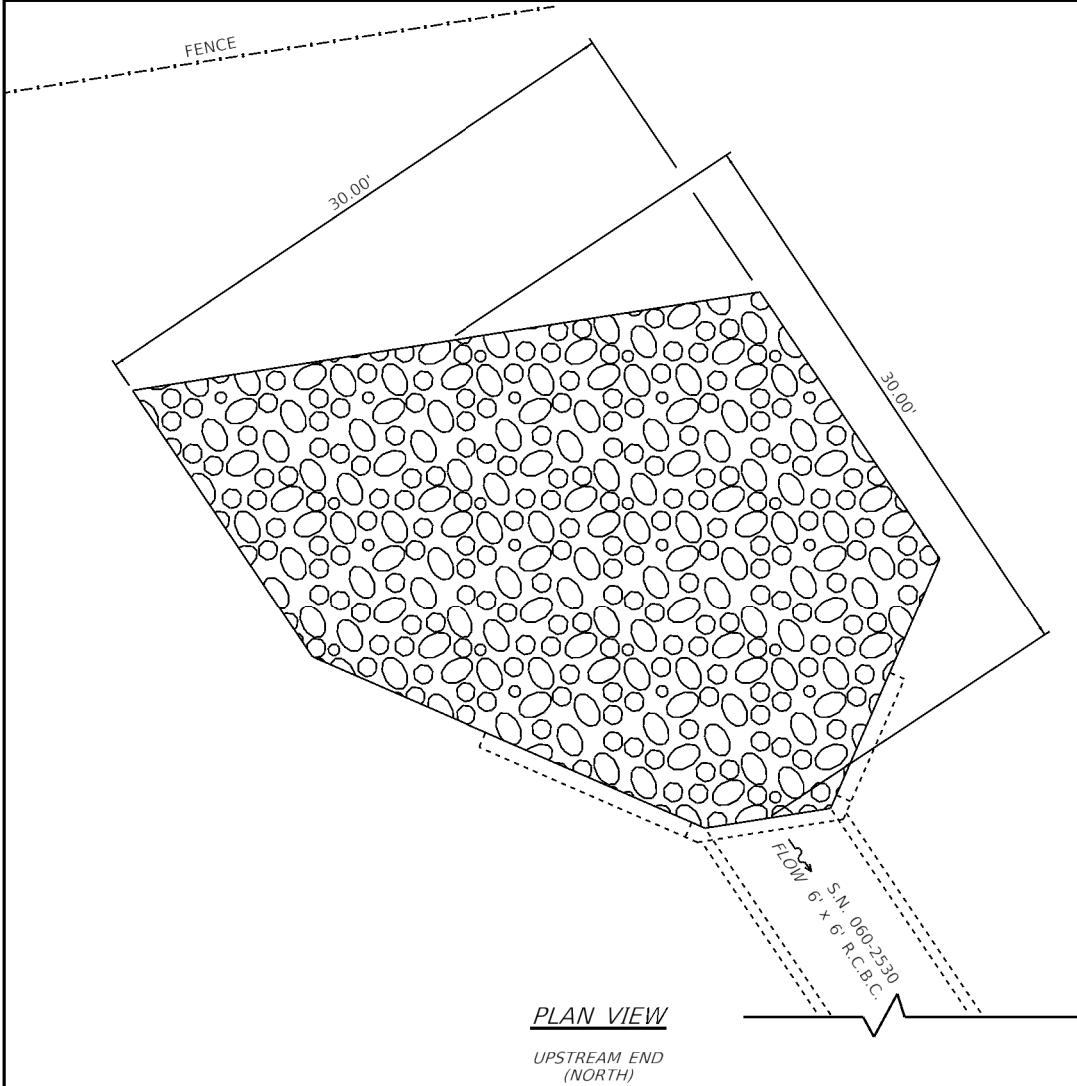
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT REPAIRS
S.N. 060-2529**

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	72
				CONTRACT NO. 76H84
				ILLINOIS FED. AID PROJECT NHPP-YQT9(213)

MODEL: Default
FILE NAME: 111282 IDOT DB Van17882 01 W01 76484 170 RepairCulvCAD Sheets10876484-ent details culvert repairs.dgn



Notes:
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.

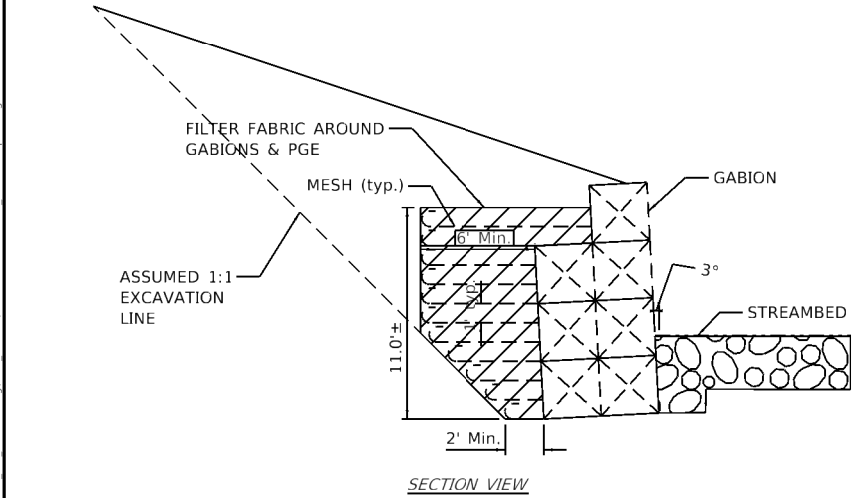
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Excavation and backfill necessary for the construction of the Gabions and Granular Embankment will not be measured separately, and all costs for the work shall be included in the costs of POROUS GRANULAR EMBANKMENT, TON and GABIONS, CU YD.

All costs associated with furnishing and installation of mesh tie-backs shall be included in the costs of GABIONS, CU YD.

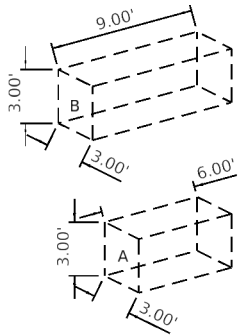
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	107
Stone Riprap, Class A4	Ton	270
Filter Fabric	Sq Yd	329
Gabions	Cu Yd	55

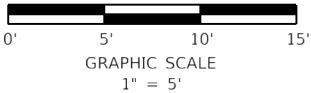
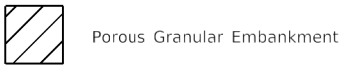


1xB
2xA 1xA
2xB
1xA 2xA

1xA	1xA
2xA	1xA 2xA
1xA	2xA 2xA
2xA	2xA 1xA



GABION BLOCKS



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IL PROF. DESIGN FIRM NO. 184.000899

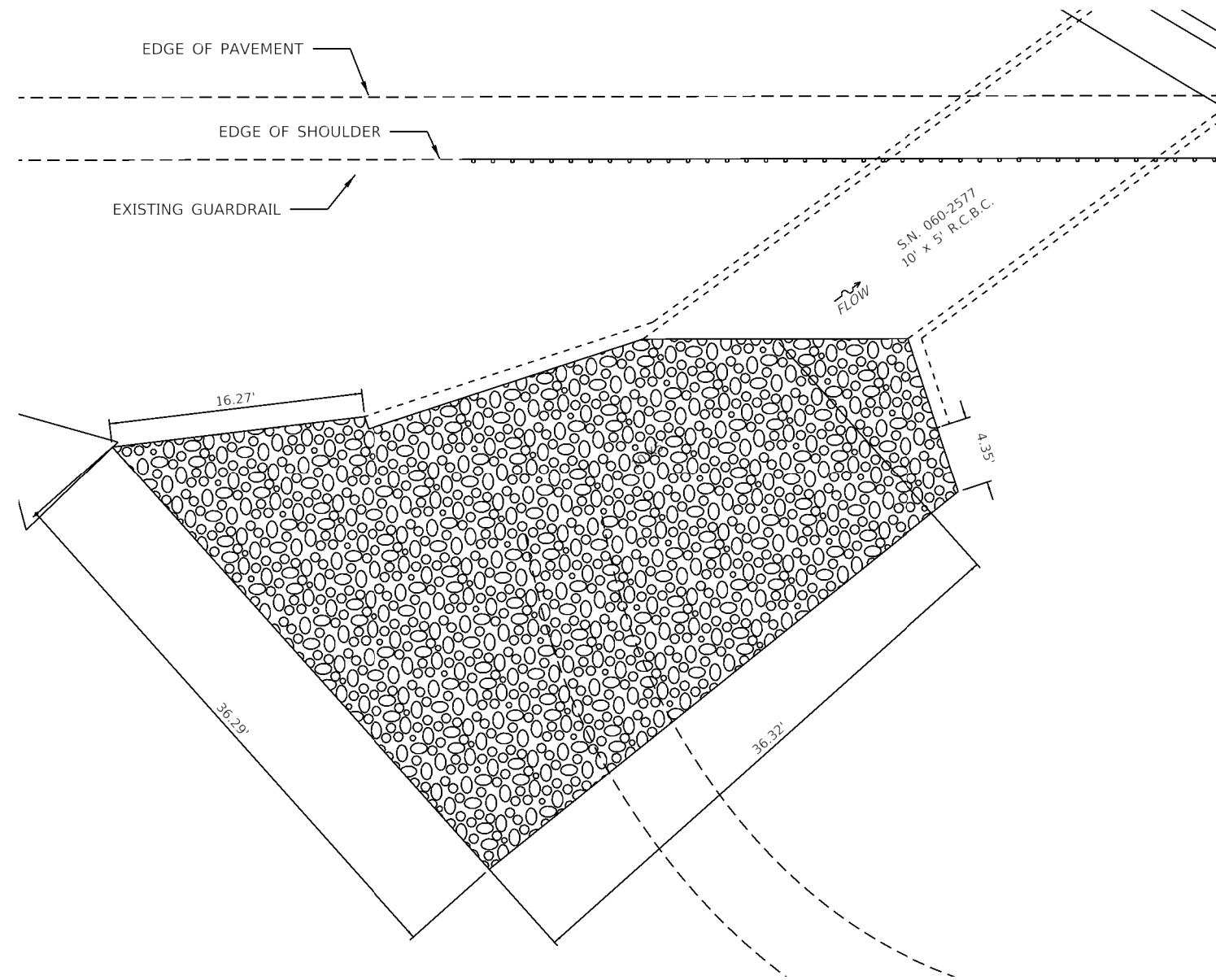
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PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT REPAIRS
S.N. 060-2530

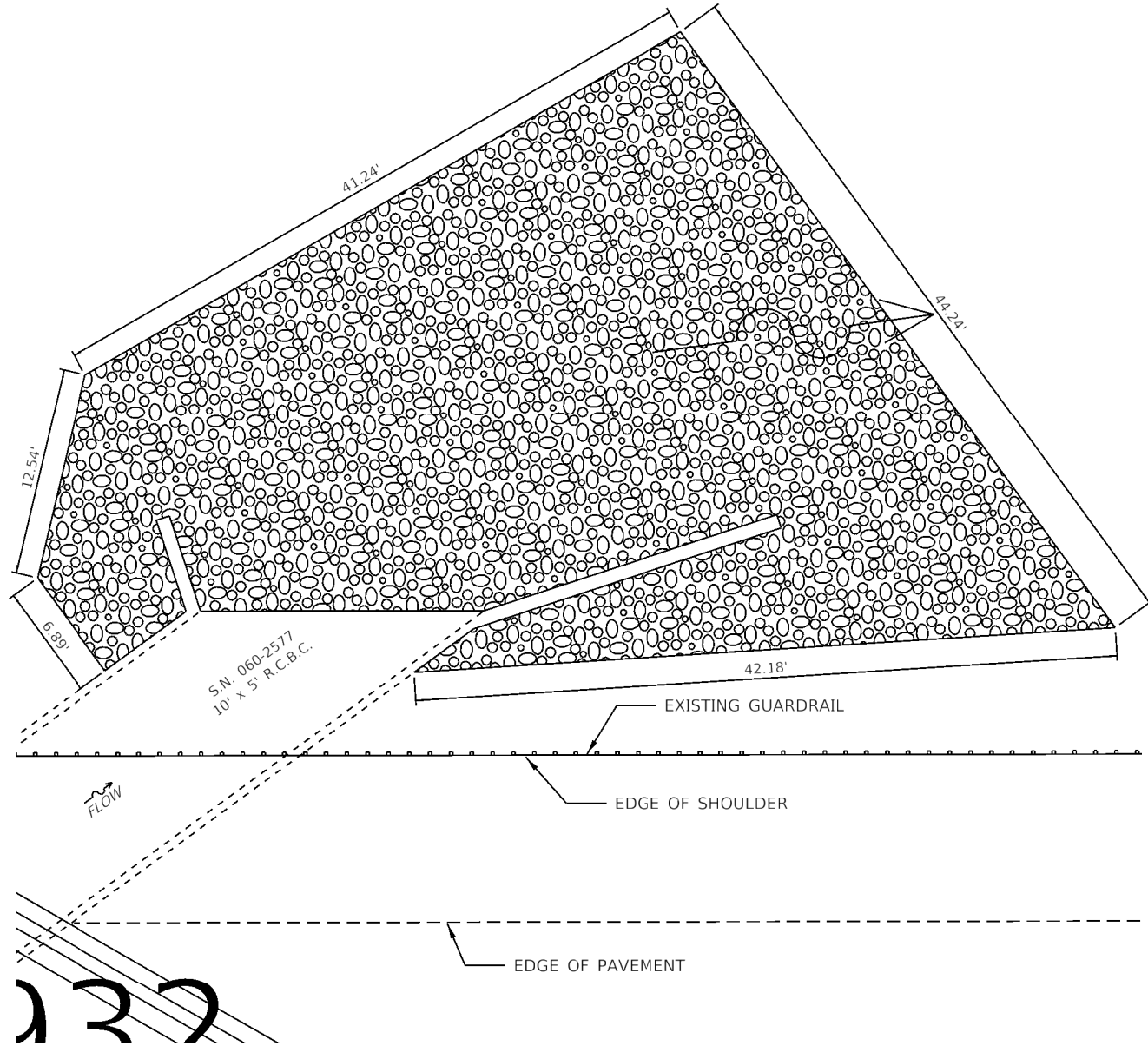
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	73
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



PLAN VIEW

UPSTREAM END
(SOUTH)



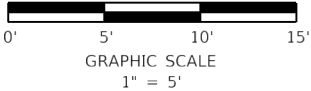
PLAN VIEW

DOWNSTREAM END
(NORTH)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A4	Ton	360
Filter Fabric	Sq Yd	268

Note:
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.



MODEL: Default
FILE NAME: I:\1382 IDOT DB Van1382 01 W01 76484 170 Resurfacing\CAD Sheets\13826484-ent details culvert repairs.dgn

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IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = mobrien	DESIGNED - L.D.G.	REVISED -
	DRAWN - L.D.G.	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 6/17/2020	DATE -	REVISED -

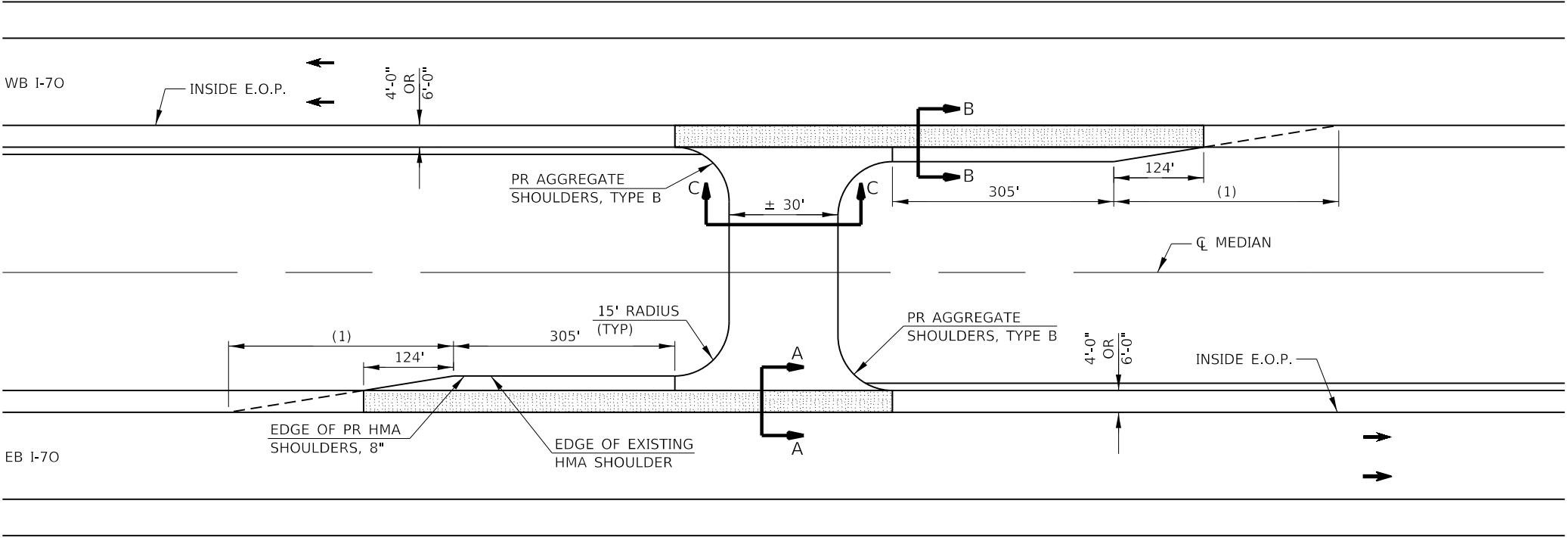
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT REPAIRS
S.N. 060-2577

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	74
				CONTRACT NO. 76H84
				ILLINOIS FED. AID PROJECT NHPP-YQT9(213)

EMERGENCY MEDIAN CROSSOVERS

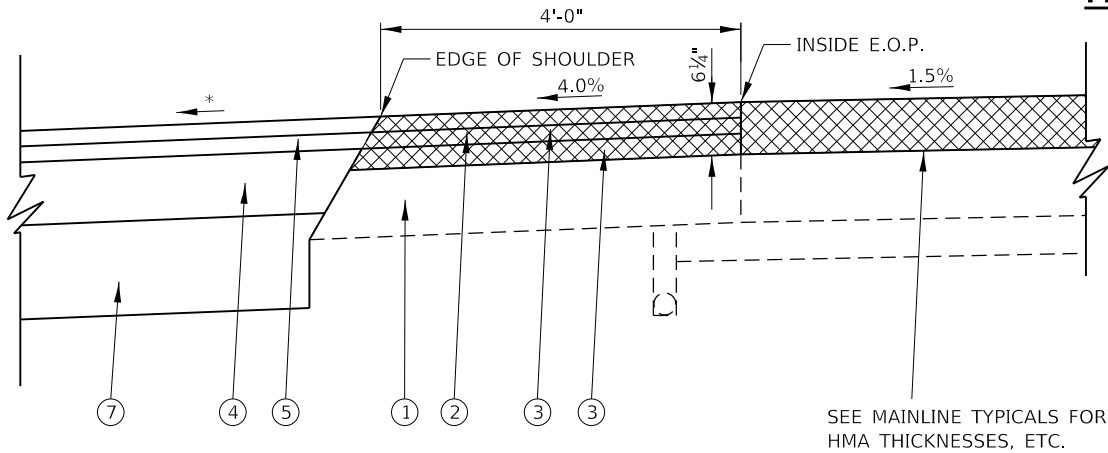


NOTES:
TWO DELINEATORS SHALL BE PLACED IN ADVANCE OF THE MEDIAN CROSSOVERS. ONE SHALL BE AT THE CROSSOVER, THE OTHER 800 FT IN ADVANCE OF THE FIRST. THE DELINEATOR AT THE CROSSOVER SHALL HAVE TWO REFLECTORS, AND THE DELINEATOR 800 FT IN ADVANCE SHALL HAVE THREE REFLECTORS

OMIT RUMBLE STRIPS IN SHADED AREAS OF SHOULDER

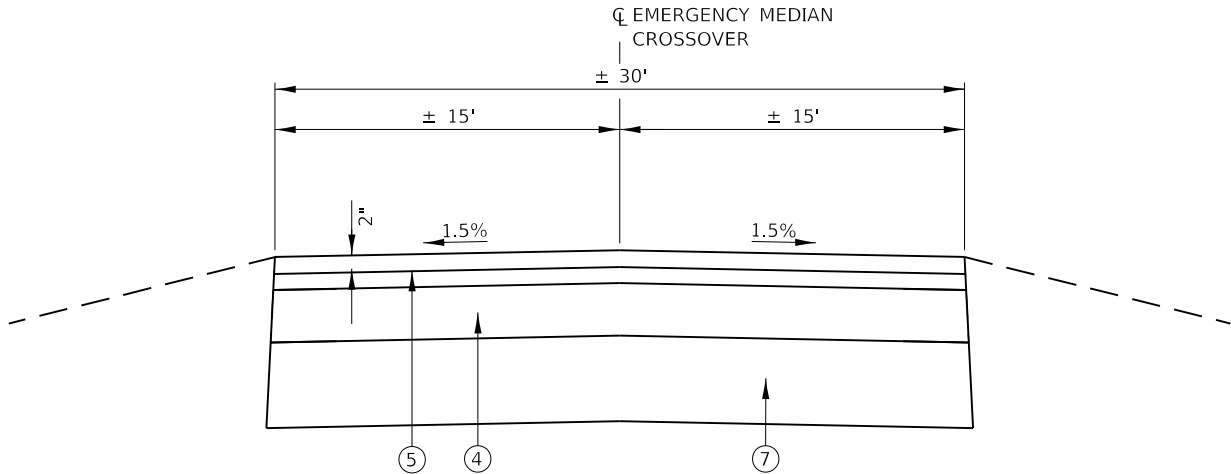
(1) 31:1 TAPER RATE
248' FOR 4' SHOULDER
310' FOR 6' SHOULDER

PLAN VIEW

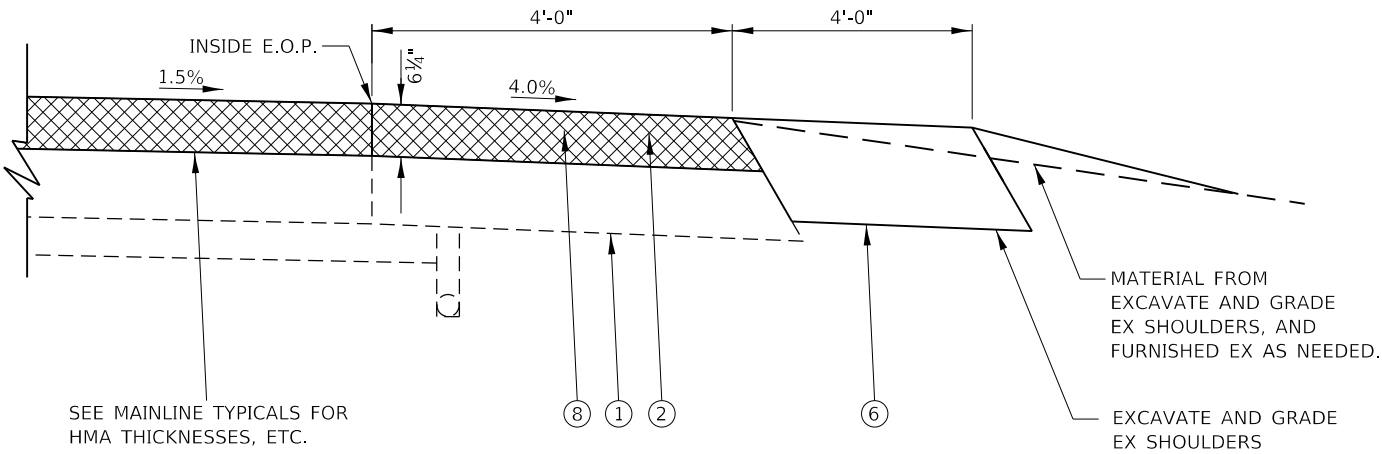


SECTION A - A

* - MAINTAIN SLOPES AWAY FROM MAINLINE PAVEMENT TO ENSURE PROPER DRAINAGE INTO MEDIAN DITCHES.



SECTION C - C

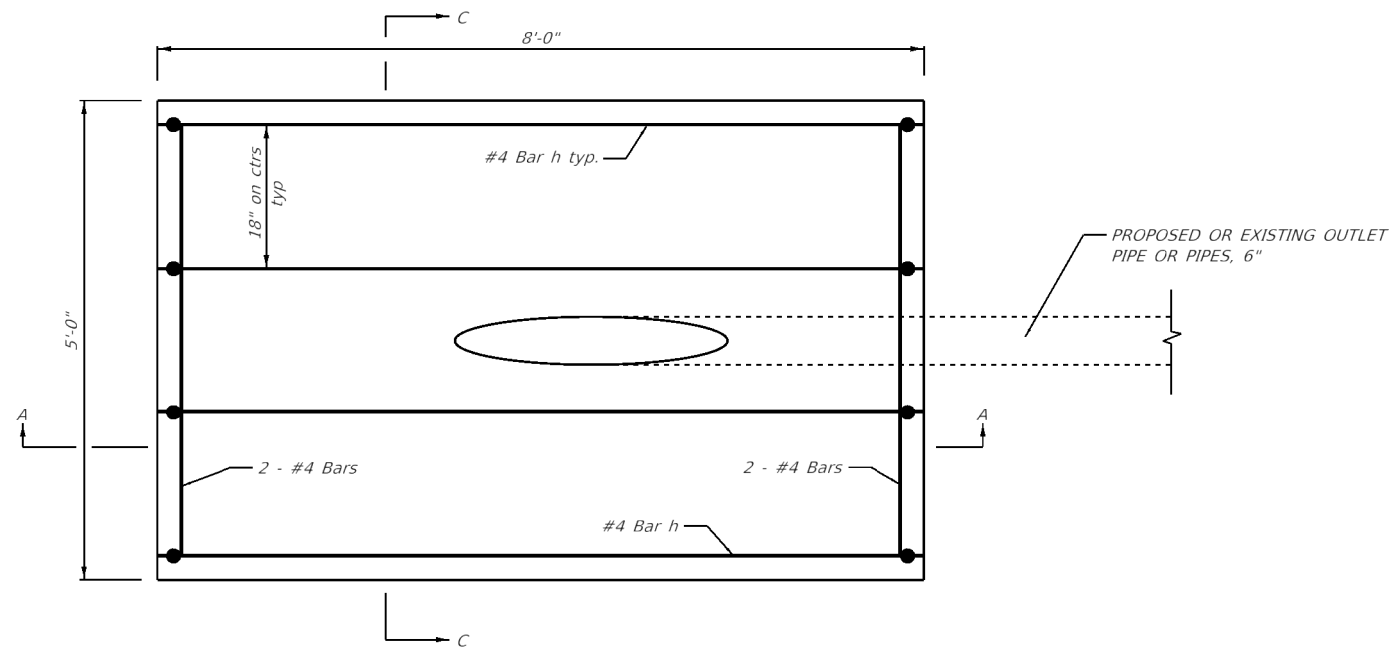


SECTION B - B

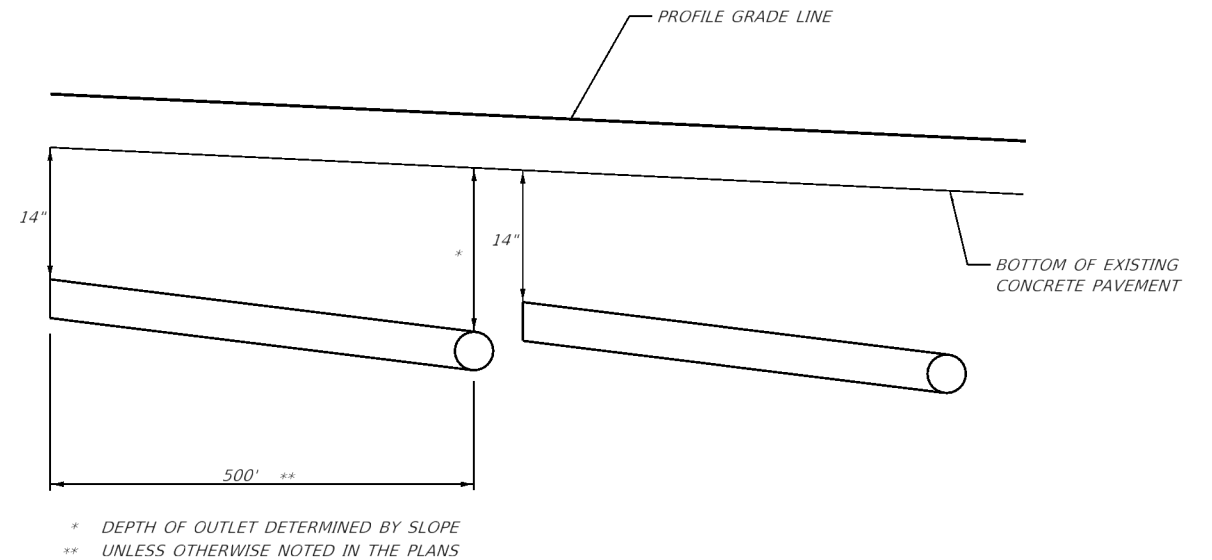
LEGEND

- ① EX HOT-MIX ASPHALT SHOULDER
- ② PR HOT-MIX ASPHALT SURFACE REMOVAL 6 1/4"
- ③ PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
- ④ PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 8"
- ⑤ PR HOT-MIX ASPHALT SURFACE COURSE, SMA, N80 4"
- ⑥ PR HOT-MIX ASPHALT SHOULDERS, 10"
- ⑦ SUBBASE GRANULAR MATERIAL 12"
- ⑧ HOT-MIX ASPHALT SHOULDERS

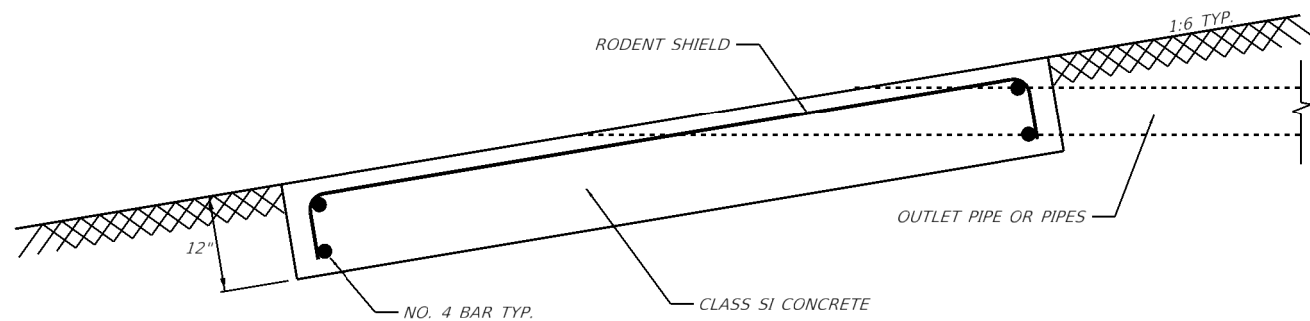
<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611</div><div>IL PROF. DESIGN FIRM NO. 184.000899</div></div>	USER NAME = mobrien	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EMERGENCY MEDIAN CROSS OVER DETAIL				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						70	60-(10-11)RS-1	MADISON	209	75
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020	DATE -	REVISED -						ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				
SCALE:		SHEET 1	OF 1	SHEETS	STA.	TO STA.							



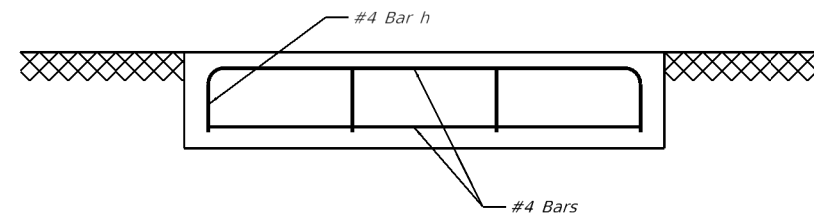
PLAN VIEW



PIPE UNDERDRAIN DETAIL
(USE WHEN PGL IS LESS THAN 0.4%)

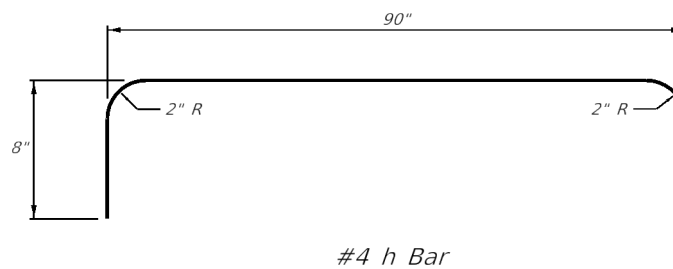


SECTION A-A



SECTION C-C

APPROXIMATE OUTLET PROTECTOR QUANTITIES FOR EACH OUTLET PROTECTOR	
CONCRETE, CLASS SI	1.5 CU YD
REINFORCING STEEL	35.6 LB



NOTES

- SEE STANDARD 601101 FOR DETAILS OF RODENT SHIELDS.
- THE OUTLET PIPE OR PIPES SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE CENTER OF THE OUTLET PROTECTOR.
- THE LAST 10 FEET OF OUTLET PIPE SHALL BE SCHEDULE 40 PVC.
- REINFORCEMENT BARS MAY BE CUT OR RELOCATED TO ACCOMODATE PIPE.
- CUT OUTLET PIPE ON A BEVE TO MATCH FINISHED SURFACE OF SURROUNDING P.C.C.
- SEEDING CLASS 2 SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEMS.

MODEL: Default
FILE NAME: I:\1982 IDOT DB Van7882 01 W01 76484 I7D Resurficing\CAD Sheets\1D876484-rlt details D7 ripunderdrains.dgn

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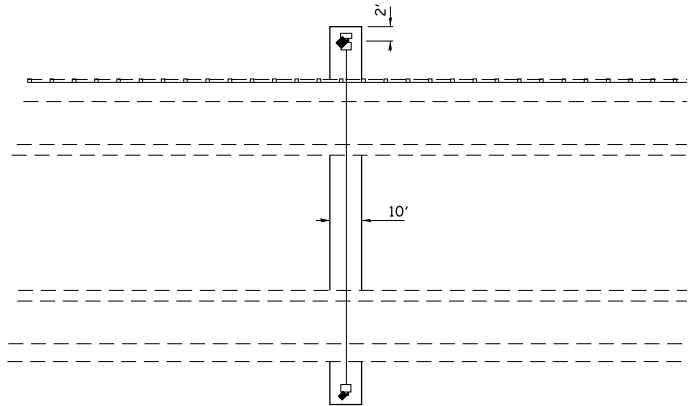
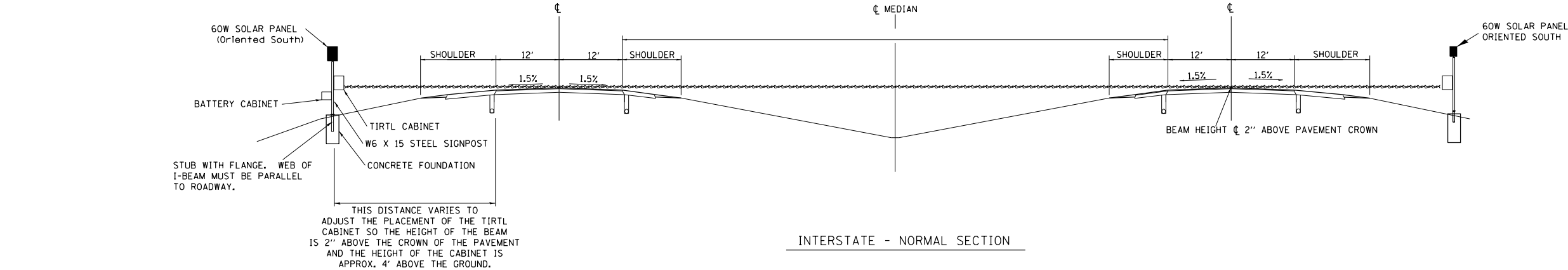
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PLOT DATE = 6/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET PROTERCTOR DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	76
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



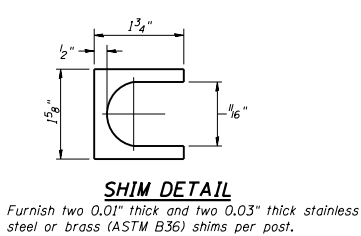
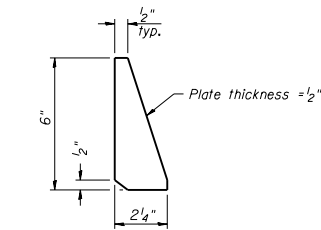
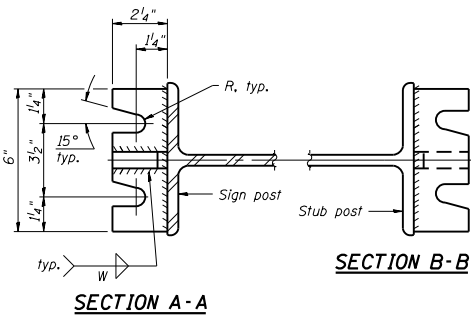
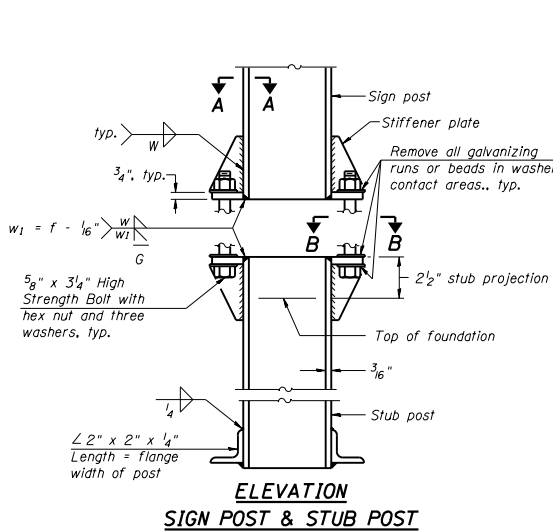
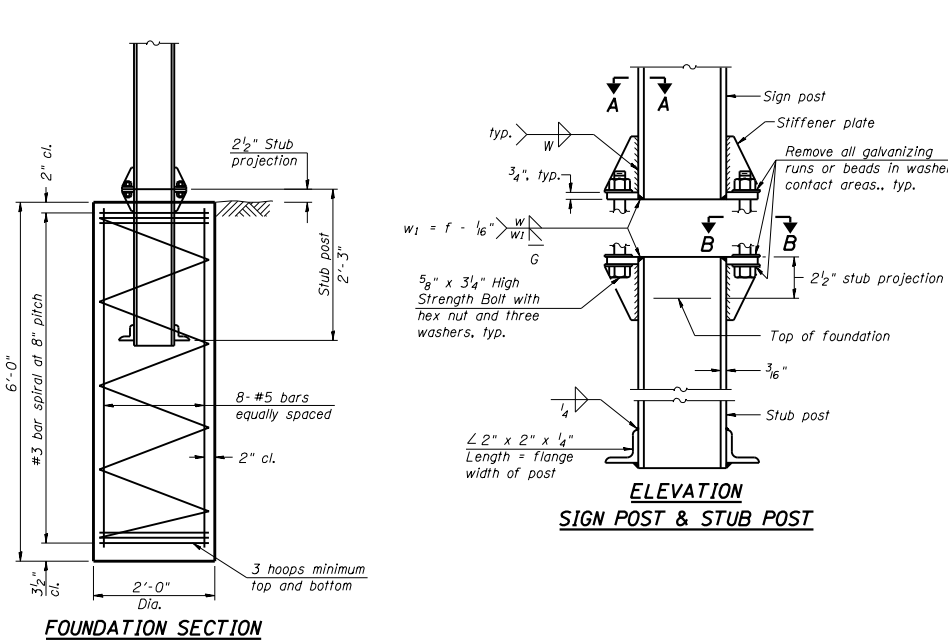
Weed Barrier - PCC concrete shall be placed as shown 8' to 10' wide and 4" thick as per the special provision

NOTES:

1. SYSTEM CONSISTS OF TWO W6 X 15 I-BEAM SIGNPOSTS WITH CONCRETE FOUNDATION AND A FLANGE WITH BREAKAWAY BOLTS
2. THE I-BEAMS ARE 12' LONG AND DRILLED AS PER THE I-BEAM DETAIL TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF THE SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS TO BE PLACED PARALLEL TO THE LANES.
4. THE TWO POSTS MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER AND PERPENDICULAR TO THE LANES.
5. TWO POSTS ARE REQUIRED LOCATED AS PER THE ENGINEER AND DRAWING.
6. THE CABINETS ARE ATTACHED TO THE I-BEAM USING 8" GALVANIZED J-BOLTS.
7. THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN 4' ABOVE THE GROUND AND BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB RICH MARX (217-782-2065) MUST BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND MUST BE PRESENT DURING THE LAYOUT AND PLACEMENT OF THE POST FOUNDATIONS.

TIRTL TRAFFIC COUNTER SCHEDULE OF QUANTITIES (FOR INFORMATION ONLY)

CODE NUMBER	ITEM	UNIT	QUANTITY
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	520
73400100	CONCRETE FOUNDATIONS	CU YD	1.4
X0323388	TRAFFIC COUNTER SYSTEM (INCLUDES BELOW)	EACH	1
TIRTL TRAFFIC DATA COLLECTION SYSTEM INCLUDES:			
	Sierra Wireless Modem RV-50	EACH	1
	Panorama Low Profile LTE MiMo LGAM-BC3G-26-3SP Antenna	EACH	1
	TIRTL CABINET 15" X 27" X 16"	EACH	2
	BATTERY CABINET 16.5" X 16" X 11.5" BBA1M w/ #2 Police Lock	EACH	1
	SOLAR PANEL 60 W 12 VDC with Bracket and Junction box	EACH	2
	TIRTL TRAFFIC COUNTER	EACH	1
	SUNSAVER SOLAR CHARGE REGULATOR 10 AMP 12 VDC	EACH	2
	BATTERY - 33 AH ABSORBED ELECTROLYTE 8" X 5.5" X 7" (DEEP CYCLE)	EACH	1
	BATTERY -104AH ABSORBED ELECTROLYTE 10" X 6" X 8" (DEEP CYCLE)	EACH	1
	PORTLAND CEMENT CONCETE WEED BARRIER	EACH	1



GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:

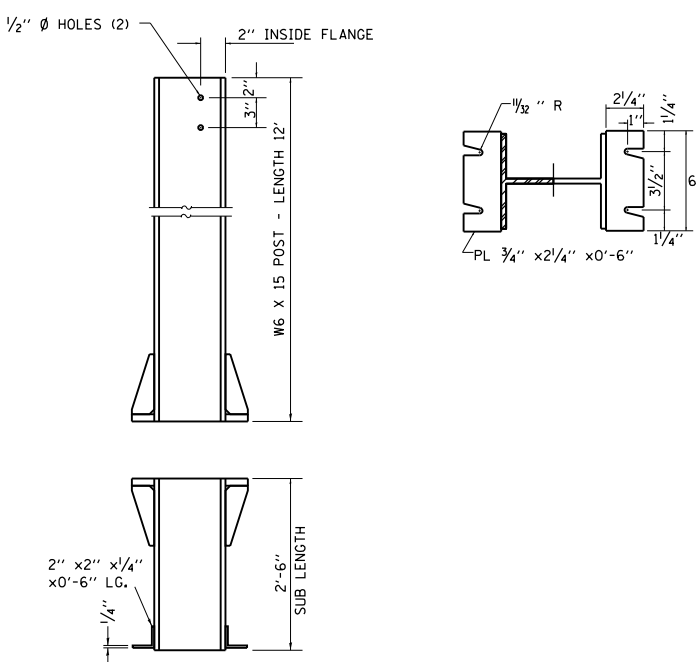
Structural steel - 20,000 p.s.i.

Reinforcing steel - 20,000 p.s.i.

Concrete - 1,400 p.s.i.

Footing soil pressure - 2,000 p.s.f.

After fabrication, the post and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.



BREAK-AWAY WIDE FLANGE STEEL POST DETAILS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TIRTL TRAFFIC COUNTER DETAIL FAI-70 STA. 1031 + 00

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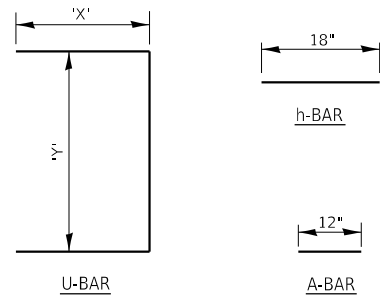
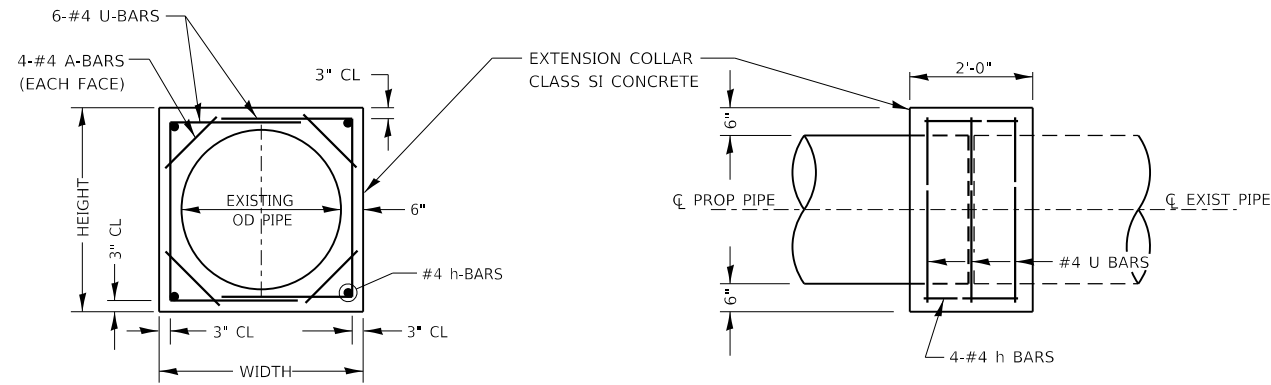
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DRAWN	-	REVISED	-
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PLOT DATE	= 6/17/2020	DATE	-

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	77

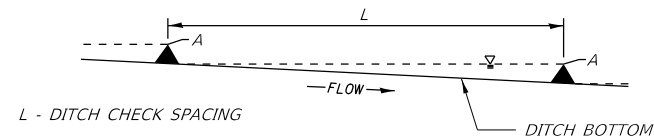
CONTRACT NO. 76H84

ILLINOIS FED. AID PROJECT NHPP-YQT9(213)

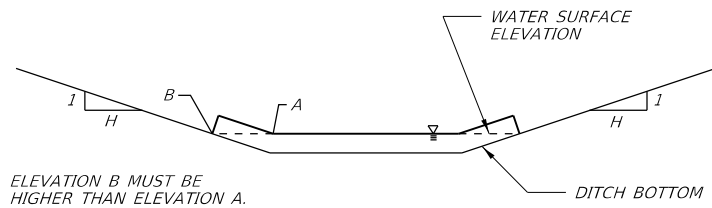


EXISTING CULVERT DIAMETER	EXTENSION COLLAR		A-BAR	U-BAR		h-BAR	CONC COLLAR CU YD	REINFORCEMENT BARS POUND
	WIDTH	HEIGHT	12	'X'	'Y'	18		
15"	31.5"	31.5"	12"	19"	25.5"	18"	0.36	31
24"	42"	42"	12"	27"	36"	18"	0.54	40
36"	56"	56"	12"	37.5"	50"	18"	0.83	52

CONCRETE COLLAR DETAIL (DIRECT PIPE CULVERT EXTENSION)

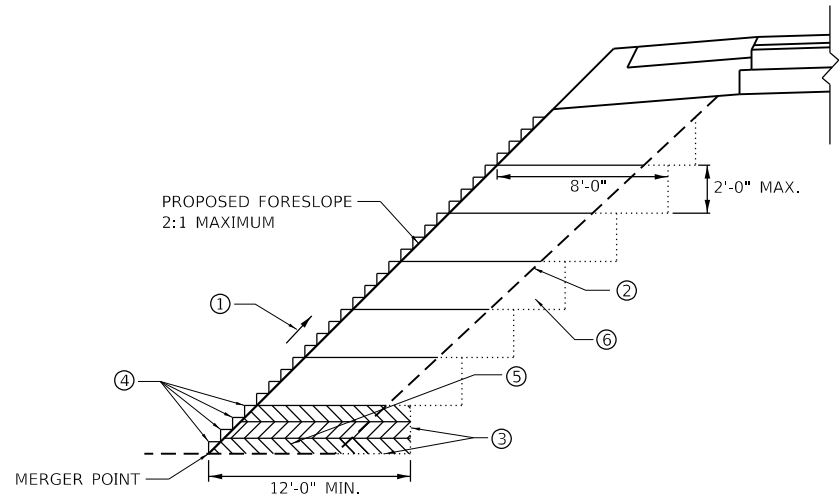


PROFILE VIEW



CROSS SECTION VIEW

TEMPORARY DITCH CHECK DETAIL



TYPICAL BENCHING DETAIL
FOR EMBANKMENT

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8 INCH LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION." THIS PRICE WILL INCLUDE ALL OF LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5'.

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6/17/2020 10:52:11 AM

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HMG ENGINEERS, INC.
9360 HOLY CROSS LANE
BREESE, ILLINOIS 62230
(618) 526-9611

IL PROF. DESIGN FIRM NO. 184,000899

USER NAME = mobrien
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - M.O'BRIEN
DRAWN - M.O'BRIEN
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPECIAL DETAILS

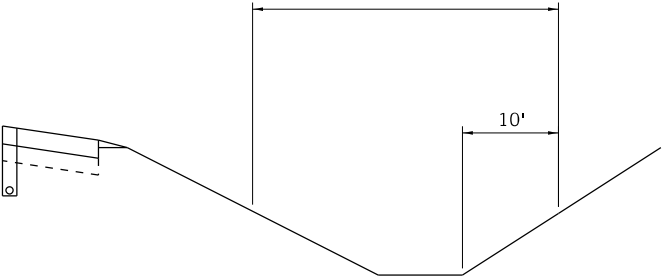
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	78
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



MAINLINE TREE REMOVAL /SELECTIVE CLEARING DETAIL

TREE REMOVAL / SELECTIVE CLEARING
WIDTH VAIRES
SEE NOTE 1



NOTE 1: ALL TREES AND SHRUBS SHALL BE CLEARED FROM THE EOP TO A DISTANCE 10FT PAST THE TOE OF THE BACKSLOPE. THE INTENT IS TO REMOVE ALL HAZARDS WITHIN THE CLEARZONE. A WIDTH OF 15FT FOR SELECTIVE CLEARING AND 15FT FOR TREE REMOVAL WAS ASSUMED FOR QUANTITY ESTIMATION. SEE THE TREE REMOVAL / SELECTIVE CLEARING SCHEDULE FOR LOCATIONS.

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USER NAME	= mobrien
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 6/17/2020

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL DETAILS			
SCALE: 1"=50'	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10,11)RS-1	MADISON	209	79
CONTRACT NO. 76H84				
ILLINOIS		FED. AID PROJECT	NHPP-QYT9(213)	



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		DRAWN -		DRAWN -	REVISED -						70/270	60-(10,11)RS-1	MADISON	209	80
		PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -						CONTRACT NO. 76H84				
		PLOT DATE = 6/17/2020		DATE -	REVISED -										
SCALE: 1"=50'						SHEET 2	OF 3	SHEETS	STA.	TO STA.					
											ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)		



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6/17/2020 10:17:11 AM

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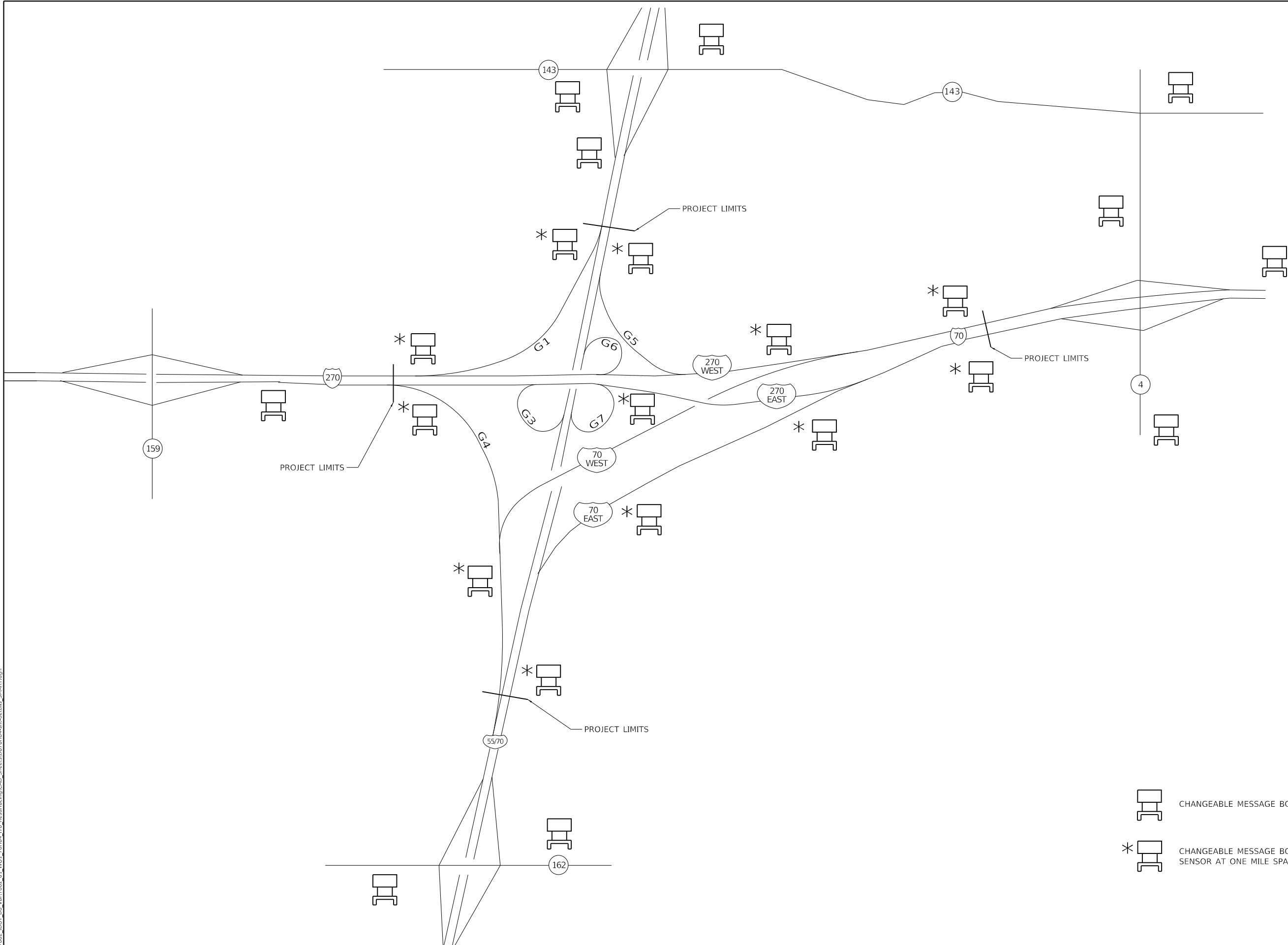
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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVAL DETAILS

SCALE: 1"=50', SHEET 3 OF 3 SHEETS, STA. TO STA.

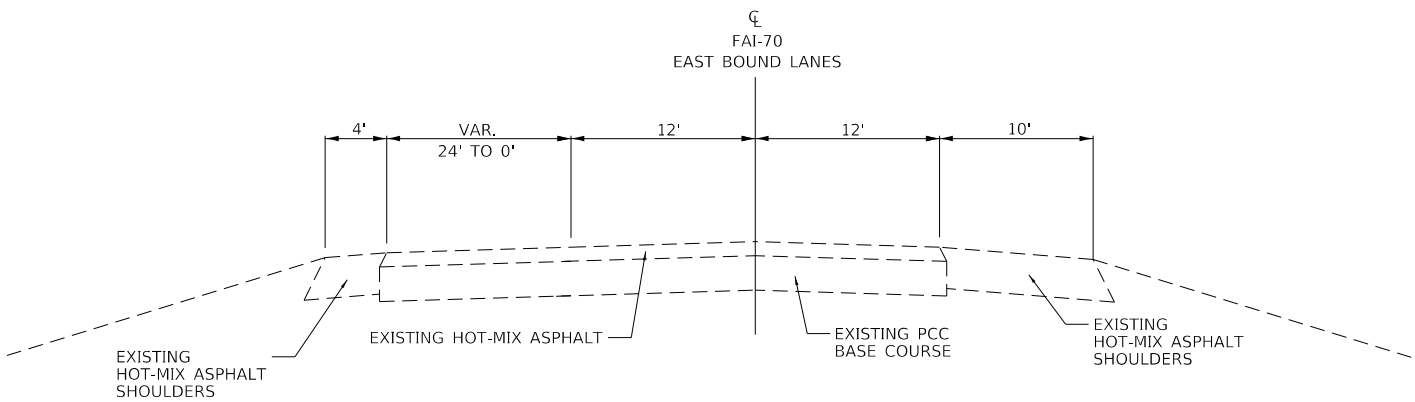
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70/270	60-(10,11)RS-1	MADISON	209	81
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



-  CHANGEABLE MESSAGE BOARDS
-  CHANGEABLE MESSAGE BOARDS WITH DOPPLER SPEED SENSOR AT ONE MILE SPACING

MODEL Default
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<div><div>HMG</div><div>HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184,000899</div></div>	USER NAME = mobrien		DESIGNED - DISTRICT 7	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SMART TRAFFIC MONITORING SYSTEM			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - M.OBRIEN		CHECKED -	REVISED -					70	60-(10-11)RS-1	MADISON	209	82
	PLOT SCALE = 100,0000 ' / in.		DATE -	REVISED -		SCALE: N.T.S.			CONTRACT NO. 76H84				
	PLOT DATE = 6/17/2020					SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	NHPP-YQT9(213)

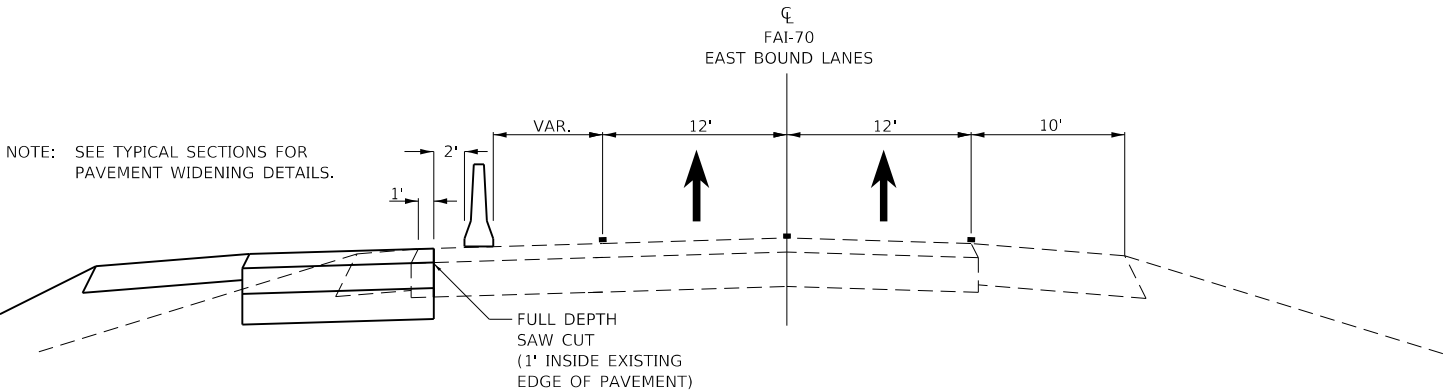


EXISTING TYPICAL SECTION
FAI-70 EB STA. 947+00 TO STA. 985+39.03

TYPICAL SECTIONS SHOWN ON THIS SHEET SHALL BE USED FOR THE SOLE PURPOSE OF ERECTING TRAFFIC CONTROL AND PROTECTION.

TRAFFIC CONTROL STANDARD 701402 SHALL BE UTILIZED IN THE APPROACH OF THE TEMPORARY CONCRETE BARRIER SHOWN ON THESE TYPICAL SECTIONS.

TEMPORARY CONCRETE BARRIER - 4737.5 L.F.
FAI-270 EB STA. 879+23 TO STA. 888+21
FAI-70 STA. 947+00 TO 985+39
IMPACT ATT., TEMP. (NON-REDIR.) TL 3 - 1 EA.

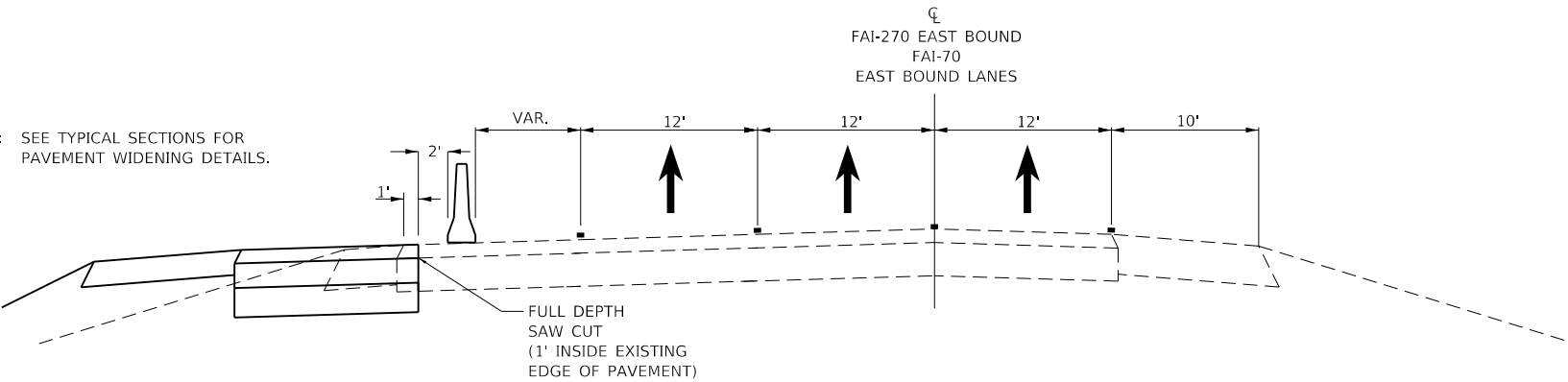


PROPOSED STAGE 1 WIDENING TYPICAL SECTION

FAI-70 EB STA. 956+25 TO STA. 965+00

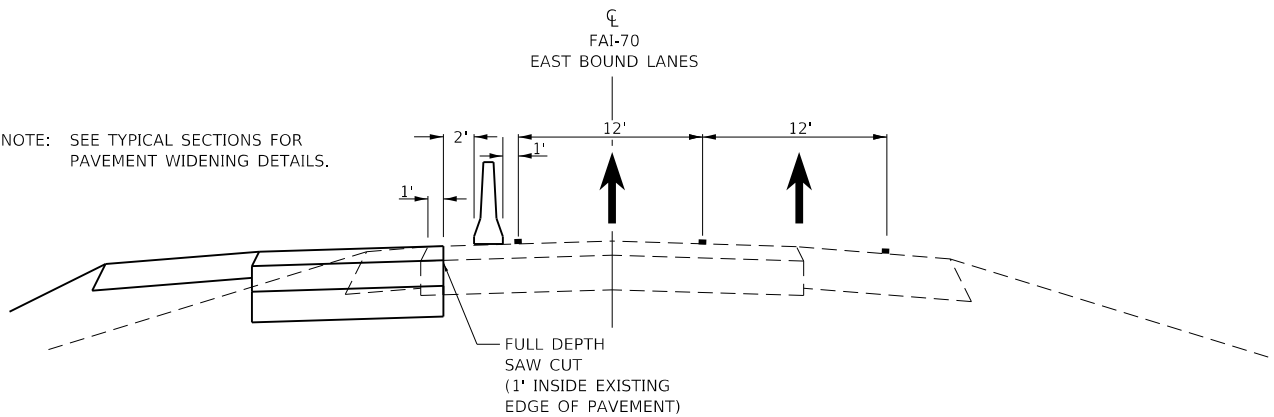
SEE PAVEMENT PATCHING STAGING TYPICAL SECTIONS FROM STA. 956+36 TO STA. 962+41 FOR TRAFFIC CONTROL STAGING WHILE CONSTRUCTING VERTICAL CLEARANCE CLASS A PATCH

NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT WIDENING DETAILS.



PROPOSED STAGE 1 WIDENING TYPICAL SECTION

FAI-270 EB STA. 879+78 TO STA. 888+21
FAI-70 EB STA. 947+00 TO STA. 956+25



PROPOSED STAGE 1 WIDENING TYPICAL SECTION

FAI-70 EB STA. 965+00 TO STA. 985+39.03

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USER NAME = mobrien
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 6/17/2020

DESIGNED - M. O'BRIEN
DRAWN - M. O'BRIEN
CHECKED -
DATE -

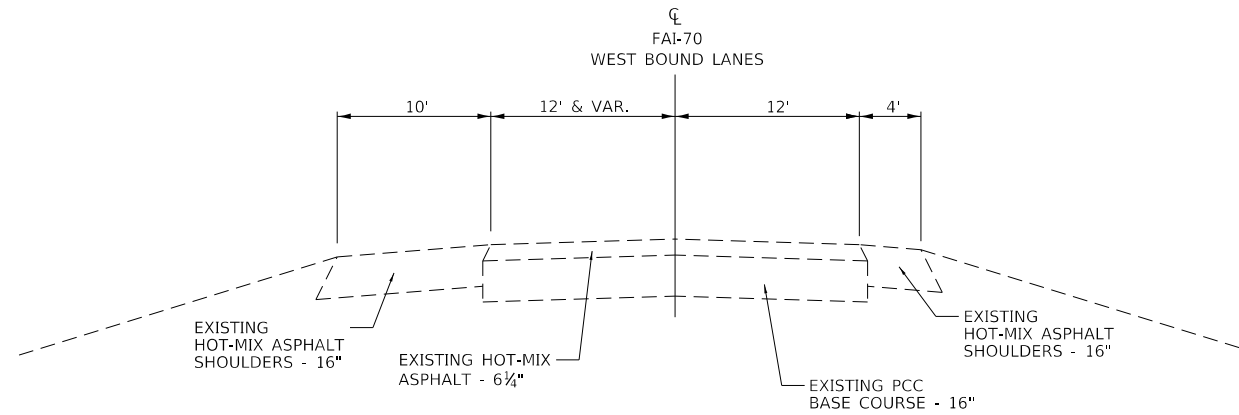
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT WIDENING STAGING
TYPICAL SECTIONS**

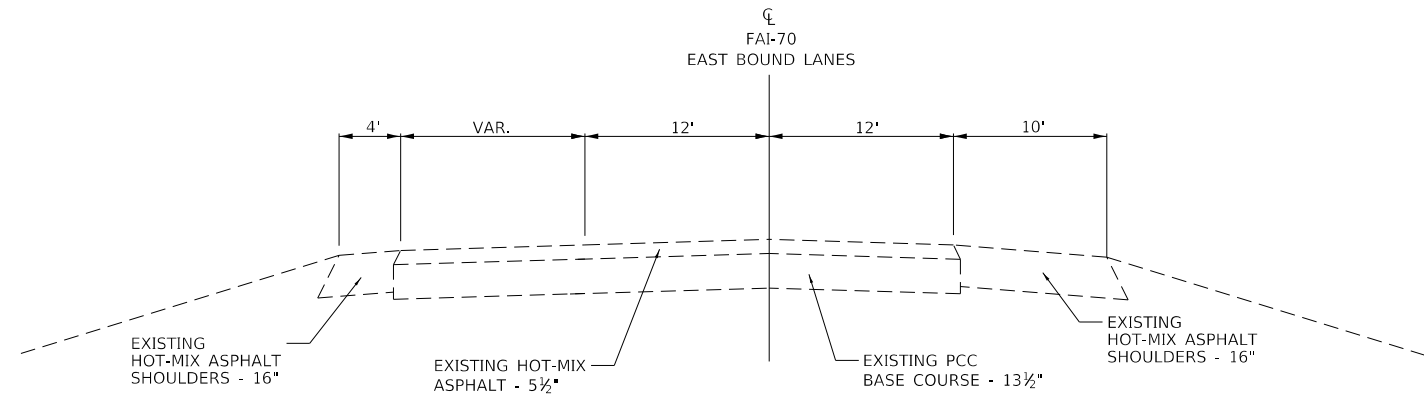
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	83
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				



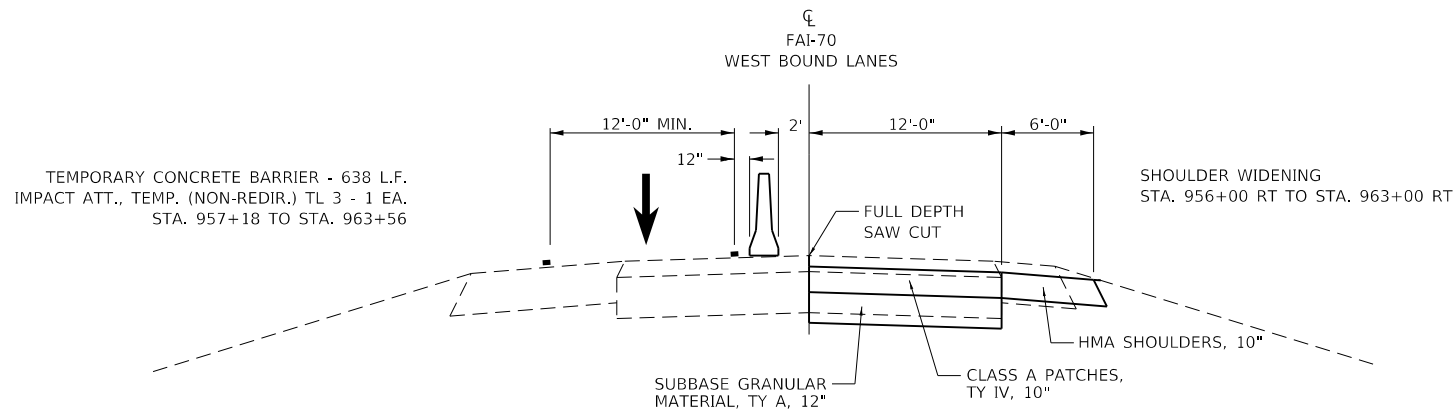
EXISTING TYPICAL SECTION

FAI-70 WB STA. 959+47.70
AT RIGGIN RD.



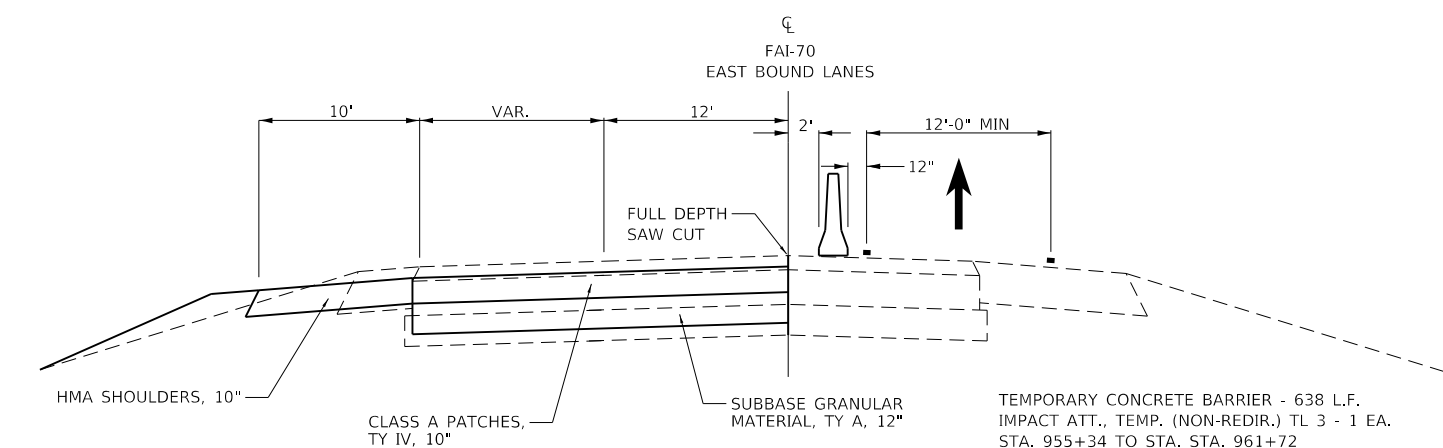
EXISTING TYPICAL SECTION

FAI-70 EB STA. 959+47.70
AT RIGGIN RD.



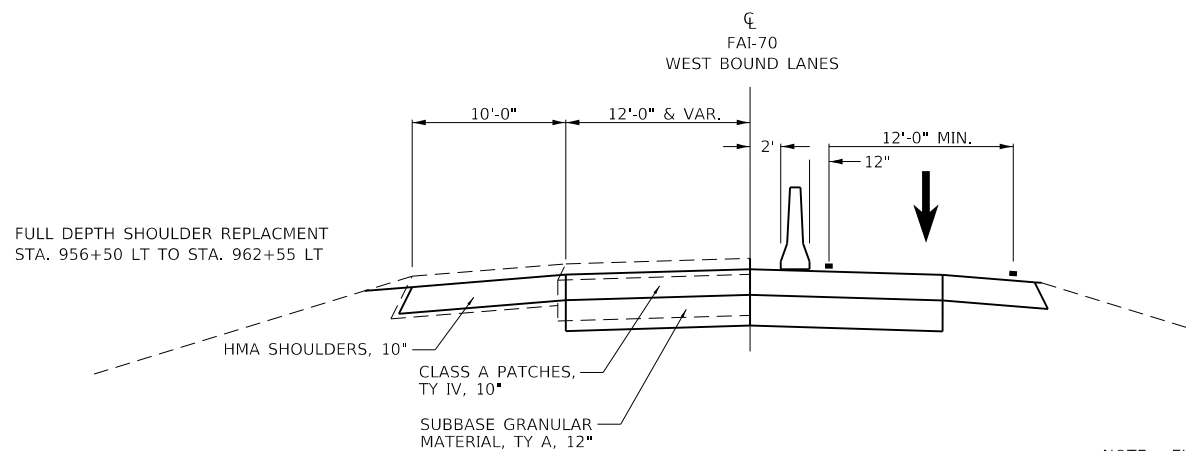
STAGE 1 TYPICAL SECTION

FAI-70 WB STA. 959+47.70
AT RIGGIN RD.



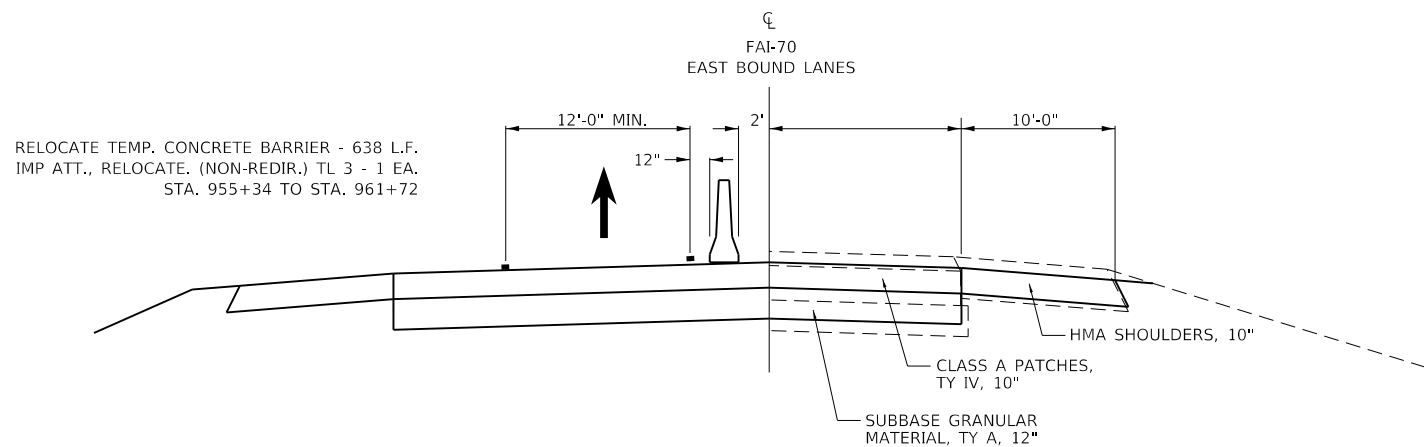
STAGE 1 TYPICAL SECTION

FAI-70 EB STA. 959+47.70
AT RIGGIN RD.



STAGE 2 TYPICAL SECTION

RELOCATE TEMP. CONCRETE BARRIER - 638 L.F.
IMP ATT., RELOCATE. (NON-REDIR.) TL 3 - 1 EA.
STA. 957+18 TO STA. 963+56



STAGE 2 TYPICAL SECTION

FAI-70 EB STA. 959+47.70
AT RIGGIN RD.

FULL DEPTH SHOULDER REPLACEMENT
STA. 956+36 RT TO STA. 962+41 RT

NOTE: EXISTING PAVEMENT THICKNESSES SHALL BE CONSIDERED APPROXIMATE; ESTIMATIONS MADE FROM NEAREST PAVEMENT CORE SAMPLES.

TRAFFIC CONTROL STANDARD 701402 SHALL BE FOLLOWED IN THE PLACEMENT OF TEMPORARY CONCRETE BARRIER.

BEFORE THE CHANGING FROM STAGE 1 TO STAGE 2, 600:1 APPROACH AND DEPARTURE TRANSITIONS SHALL BE MILLED IN THE EXISTING PAVEMENT OUTSIDE OF THE PATCHES BEFORE OPENING UP TO TRAFFIC.

TYPICAL SECTIONS SHOWN ON THIS SHEET SHALL BE USED FOR THE SOLE PURPOSE OF ERECTING TRAFFIC CONTROL AND PROTECTION.

MODEL: Default
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DESIGNED - M. O'BRIEN
DRAWN - M. O'BRIEN
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING STAGING
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-(10-11)RS-1	MADISON	209	84
CONTRACT NO. 76H84				
ILLINOIS FED. AID PROJECT NHPP-YQT9(213)				